

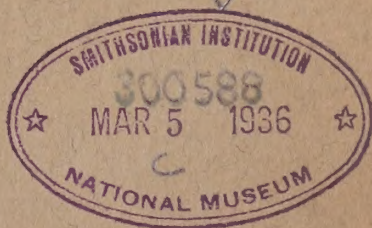
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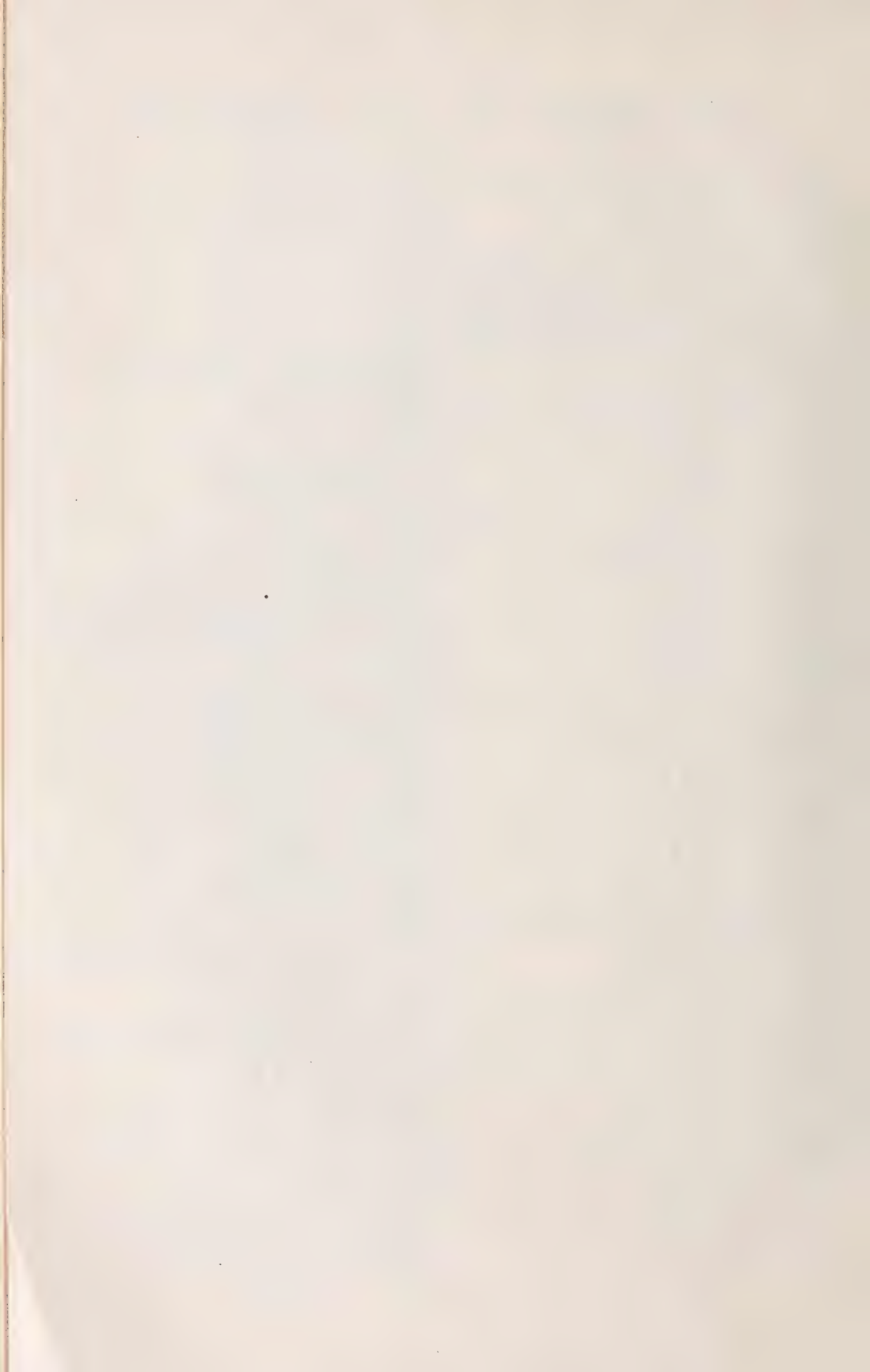
UNITED STATES
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LIST OF REISSUE PATENTEES FOR THE YEAR 1935

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice)

Disclaimers follow in separate indexes, but precede the List of Reissue Inventions

Activated Sludge, Inc. (See Jones, Walter, assignor.)
 Air Reduction Company. (See Deming, George M., assignor.)
 Albert, Minnie, Brooklyn, N. Y. Hearing device support. 19,609; June 18.
 Altorfer, Alpheus W., Peoria, Ill. Washing machine. 19,787; Dec. 17.
 Altorfer Bros. Company. (See Altorfer, Alpheus W., assignor.)
 American Brass Company, The. (See Coe, James R., assignor.)
 American Car and Foundry Company. (See Lyons Theodore E., assignor.)
 American Cyanamid Company. (See Ripper, Kurt, assignor.)
 American Floor Surfacing Machine Company, The. (See Myers, Harry L., assignor.)
 American Fork & Hoe Company, The. (See Hackett, Walter W., assignor.)
 American Magnesium Metals Corporation. (See Hansgirk, Fritz, assignor.)
 American Radiator and Standard Sanitary Corporation. (See Murray, Thomas E., assignor.)
 American Steel Foundries. (See Baselt, Walter H., assignor.)
 American Telephone and Telegraph Company. (See Perry, Donald B., assignor.)
 American Type-O-Writer Co. (See Good, Andrew, assignor.)
 Anslar, Walter O., Toledo, Ohio, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for melting glass. 19,788; Dec. 17.
 Anderson, Samuel M., Sharon, Mass., assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Cooling system. 19,748; Nov. 12.
 Anglemeyer, Herman B., Detroit, Mich., assignor to The First National Bank of Pomona, trustee, Pomona, Calif. Automotive air cleansing device. Re19,511; Apr. 2.
 Archer, Merton T., assignor, by mesne assignments, to The National-Superior Company, Toledo, Ohio. Casing head. 19,587; May 28.
 Armacost, Wilbur H., assignor to The Superheater Company, New York, N. Y. Antislugging arrangement. 19,619; June 25.
 Arnao, Charles Company, The. (See Troccoli, Achille, assignor.)
 Arnold, Herrick R., Elmhurst, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic synthesis of amines from alcohol and ammonia. 19,632; July 9.
 Atlas Powder Company. (See Jeffries, John M., assignor.)
 Auto Research Corporation. (See Bijur, Joseph, assignor.)
 Auto Research Corporation. (See Gleason, Frederick H., assignor.)
 Automatic Cone Valve Company. (See Goldberg, David D., assignor.)
 Babcock, Guilford C., Morris township, Morris County, N. J., assignor to Stapling Machines Co. Fiberboard box. 19,656; July 30.
 Bagpak, Inc. (See Weaver, Brenton B., assignor.)
 Bailey, William H., Pueblo, Colo., assignor to The Colorado Fuel and Iron Company, Denver, Colo. Dam construction. 19,603; June 11.
 Bakelite Building Products Co. Inc. (See Harshberger, Norman P., assignor.)
 Bakelite Building Products, Inc. (See Harshberger, Norman P., assignor.)
 Bakelite Corporation. (See Byck, L. C., and Peakes, assignors.)
 Baker Axle Company. (See Baker, Erle K., assignor.)
 Baker, Erle K., Ann Arbor, Mich., assignor to Baker Axle Company, Cleveland, Ohio. Tie rod end connection. Re19,482; Mar. 5.
 Baker, Thomas F., Albany, N. Y., assignor of one-third to R. M. Lackey, Waterford, N. Y., and two-thirds to M. Speigel, Albany, N. Y. Sound recording machine. 19,692; Sept. 10.
 Bales, James E., and C. T. Christensen, assignors to Lyon Metal Products, Incorporated, Aurora, Ill. Table leg construction. 19,596; June 4.
 Banck, Martin, Bucharest, Rumania, assignor to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten, Germany. Preparation of acetylene. 19,794; Dec. 24.
 Barber, Alfred W., Flushing, assignor to Radio Corporation of America, New York, N. Y. Audion amplifier. Re. 19,493; Mar. 12.

Barber, William R., A. G. Natwick, and M. W. Phelps, Camas, Wash., assignors to Crown Willamette Paper Company, San Francisco, Calif. Copperized paper. 19,643; July 16.
 Barrett, George J., and S. Robichaux, assignors to Reed Roller Bit Company, Houston, Tex. Core taking apparatus. Re19,483; Mar. 5.
 Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Slack adjuster. 19,745; Nov. 5.
 Bates, Harry B., assignor to Maintenance Equipment Company, Chicago, Ill. Rail and wheel flange lubricator. 19,548; Apr. 30.
 Baughman, George W., Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 19,633; July 9.
 Baum, Frank G., deceased, San Francisco, Calif., by Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., assignee. High voltage electrical switch. 19,588; May 28.
 Baumann, John, Philadelphia, Pa. Attachment for doughnut cutting and cooking machines. 19,557; May 7.
 Behrsing, David. (See Godshalk, C. A., Henke, and Behrsing.)
 Bell, Charles W., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control apparatus. Re19,454; Feb. 12.
 Bell Telephone Laboratories, Incorporated. (See Stokely, Ray L., assignor.)
 Beloit Iron Works. (See Darby, James K., assignor.)
 Bendix Aviation Corporation. (See Bragg, Caleb S., assignor.)
 Bendix Brake Company. (See Carroll, Eugene G., assignor.)
 Bendix Brake Company. (See De Vito, John A., assignor.)
 Benner, Raymond C., Niagara Falls, N. Y., and A. P. Thompson, Pittsburgh, Pa., assignors to General Chemical Company, New York, N. Y. Recovering sulphur. 19,531; Apr. 16.
 Benner, Raymond C., and H. E. Stowell, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive wheel. 19,678; Aug. 27.
 Bent, Leavitt N., Holly Oak, Del., assignor to Hercules Powder Company, Wilmington, Del. Extracting rosin from resinous wood. 19,749; Nov. 12.
 Berkeley, Harrison C., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Freezing tray. Re19,409; Jan. 1.
 Best, Millard W., Hamilton, Ontario, Canada. Stoker. 19,693; Sept. 10.
 Better Packages, Inc. (See Krueger, Theodore H., assignor.)
 Beverage, Harold H., Riverhead, N. Y., assignor to Radio Corporation of America. Aerial system. 19,784; Dec. 10.
 Bierbaum, Harry B., Long Beach, assignor to General Salt Company, Ltd., Los Angeles, Calif. Recovering halogens. 19,720; Oct. 15.
 Bijur, Joseph, deceased, New York, N. Y., by Auto Research Corporation, Dover, Del., assignee. Lubricating installation. 19,589; May 28.
 Billings, Edmund, Weston, and H. H. Offutt, Winchester, Mass., assignors to Godfrey L. Cabot, Inc., Boston, Mass. Manufacture of products of carbon black and similar fine powders. 19,750; Nov. 12.
 Birkenmaier, Theodore, assignor to W. N. Matthews Corporation, St. Louis, Mo., Connector. 19,716; Oct. 1.
 Bjerregaard, August P., Dayton, Tenn., assignor, by mesne assignments, to Gasoline Antioxidant Company, Wilmington, Del. Treating gasoline and the product thereof. Re19,512; Apr. 2.
 Black, John E., deceased, Rumson, N. J., by Fuller Lehigh Company, mesne assignee. Steam boiler. Re19,455; Feb. 12.
 Blumenstock, Louis, Brooklyn, assignor to Spear Box Company, New York, N. Y. Shirt envelope. 19,620; June 25.
 Bodle, Virgil H. (See Glidden, A. A., and Bodle.)
 Bohnsack, John A. (See Hauserman, E. F., Mowery, and Bohnsack.)
 Bohnsack, John A., Cleveland Heights, Ohio, assignor to The E. F. Hauserman Company, Cleveland, Ohio. Floor shim. 19,634; July 9.
 Bohrer, Raymond E., W. B. Payne, and C. G. Tiefel, deceased, by E. M. Tiefel, executrix, assignors to The Todd Company, Incorporated, Rochester, N. Y. Check writer. Re18,484; Mar. 5.

- Bollman, Roland R., Mt. Washington, and C. L. Ornes, assignors to The Perfect Manufacturing Company, Cincinnati, Ohio. Method and material for repairing shoes. Re19,475; Feb. 26.
- Booth, George W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Container closure. Re19,422; Jan. 15.
- Boston Woven Hose and Rubber Company. (See Knowland, Thomas M., assignor.)
- Bourn, Leslie E. A., Ashford, England. Electrical Musical Instrument. 19,702; Sept. 17.
- Bowers, Cecilia E., Washington, D. C. Doll. 19,657; July 30.
- Bowman, Kiel B. (See Cape, A. T., and Bowman.)
- Brackelsberg, Augusta, administratrix. (See Brackelsberg, Carl.)
- Brackelsberg, Carl, deceased, Milspe, by A. Brackelsberg, administratrix, Milspe, Germany, sole heir. Process and device for the production of iron alloys free from gases, especially oxygen. 19,610; June 18.
- Bragg, Caleb S., Palm Beach, Fla., assignor to Bendix Aviation Corporation, South Bend, Ind. Power mechanism. 19,515; Apr. 9.
- Brand, H. Russell, Patent Holding Corporation. (See Brand, Harry R., assignor.)
- Brand, Harry R., Forest Hills, N. Y., assignor to H. Russell Brand Patent Holding Corporation, New York, N. Y. Food preparing and delivery machine. 19,685; Sept. 3.
- Brenneis Manufacturing Company. (See Furrer, Samuel S., assignor.)
- Brophy, John P., assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Automatic machine. Re19,485; Mar. 5.
- Brown, Charles S., Syracuse, N. Y. Roller bearing construction. Re19,508; Mar. 26.
- Brown, William D., Pittsburgh, Pa. Production of sponge iron. 19,770; Dec. 3.
- Bruno-New York, Inc. (See Glasser, Harold A., assignor.)
- Brush Development Company, The. (See Kjellgren, Bengt, assignor.)
- Buchanan, John C., and E. F. Hubacker, assignors to Norge Corporation, Detroit, Mich. Rotary compressor. Re19,423; Jan. 15.
- Buffalo-Electro-Chemical Co. (See New, Gustave A., assignor.)
- Bugbee, Lucian W., Jr., Dayton, Ohio, assignor, by mesne assignments, to Continental Optical Manufacturing Company, Indianapolis, Ind. Multifocal lens. Re19,413; Jan. 8.
- Bullard Company, The. (See Dunn, Thomas E., assignor.)
- Bulldog Electric Products Company. (See Frank, H. J. L., and Harper, assignors.)
- Burke, James P., Knoxville, Tenn., assignor, by mesne assignments, to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Nonrefillable device. 19,516; Apr. 9.
- Byck, Lawrence C., Elizabeth, and G. L. Peakes, Metuchen, N. J., assignors to Bakelite Corporation, New York, N. Y. Decorated article and producing the same. 19,549; Apr. 30.
- Cabot Carbon Company. (See Damon, Edward H., assignor.)
- Cabot, Godfrey L., Inc. (See Billings, E., and Offutt, assignors.)
- Camp, Eugene V. (See Stockard, Robert L.)
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 19,621; June 25.
- Cannon, William D., Metuchen, and J. W. Milnor, Maplewood, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Balancing ocean cable. 19,635; July 9.
- Cape, Arthur T., and K. B. Bowman, Massillon, Ohio, assignors to Republic Steel Corporation, Youngstown, Ohio. Preservation of metallurgical furnace bottoms. 19,517; Apr. 9.
- Carborundum Company, The. (See Benner, R. C., and Stowell, assignors.)
- Carlsen, Paul J. (See McKay, H. J., and Carlsen.)
- Carlson, Fred W., Minneapolis, Minn., assignor to Paramount Pies, Inc., St. Paul, Minn. Apparatus for baking pies. Re19,424; Jan. 15.
- Carlson, Oscar F., assignor of one-half to Oscar F. Carlson Company and one-half to E. N. McDonnell, Chicago, Ill. Boiler feed control. 19,558; May 7.
- Carlson, Oscar F., Company et al. (See Carlson, Oscar F., assignor.)
- Carr, Raymond L., Boston, Mass. Vehicle body. Re19,476; Feb. 26.
- Carroll, Eugene G., Los Angeles, Calif., assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind. Hydraulic brake apparatus for automobiles. Re19,432; Jan. 22.
- Cash, A. W., Company. (See Temple, Paul C., assignor.)
- Catalin Corporation of America. (See Ostersetzer, A., and Riesenfeld, assignor.)
- Catalin Corporation of America. (See Pollak, F., and Ostersetzer, assignors.)
- Cavins, Omar A., Oakland, Calif. Bailor. 19,679; Aug. 27.
- Chaffee, Stewart W., New York, N. Y. Tiled floor. 19,518; Apr. 9.
- Chandler, Edward F., Brooklyn, N. Y. Remote control system. Re19,445; Feb. 5.
- Chase, Delmar D., Scotia, N. Y., assignor to General Electric Company. Dynamo-electric machine winding. Re19,433; Jan. 22.
- Chilton, Roland, Ridgewood, N. J., assignor, by mesne assignments, to Eclipse Machine Company. Engine starter. 19,597; June 4.
- Chisholm, Clifton, Cleveland, Ohio, assignor, by mesne assignments, to Multigraph Company, Wilmington, Del. Typesetting machine. Re19,468; Feb. 19.
- Christensen, Carl T. (See Bales, J. E., and Christensen.)
- Christiansen, Niels A., South Euclid, Ohio. Brake mechanism for automobiles and similar vehicles. Re19,469; Feb. 19.
- Christensen, Niels A., Cleveland, Ohio. Straight and automatic air brake system. 19,650; July 23.
- Citizens National Trust and Savings Bank of Riverside, et al., administrators. (See Mattingly, Harold W., assignor.)
- Clark, Ira J., Fort Morgan, Colo. Valve spring compressor. Re19,414; Jan. 8.
- Clayton, Benjamin, Sugarland, Tex., W. B. Kerrick, Los Angeles, and H. M. Stadt, Glendale, Calif., assignors to Refining, Inc., Reno, Nev. Producing powdered soap of low moisture content. Re19,456; Feb. 12.
- Cleveland Co-Operative Stove Company, The. (See Kennedy, E. F., and Terr, assignors.)
- Coe, James R., Watertown, assignor to The American Brass Company, Waterbury, Conn. Method and mill for rolling metal. 19,590; May 28.
- Colorado Fuel and Iron Company, The. (See Bailey, William H., assignor.)
- Colt's Patent Fire Arms Manufacturing Co. (See Burke, James P., assignor.)
- Combs, Ralph B., Ponca City, Okla., assignor, by mesne assignments, to Delta Manufacturing Company, Milwaukee, Wis. Scroll saw. Re19,501; Mar. 19.
- Condon, Clem H., U. S. Navy. Airplane. 19,651; July 23.
- Conley Company, The. (See Hemp, Paul L., assignor.)
- Consolidated Advertising Corp. (See Salcedo, Ferdinand G., assignor.)
- Continental Optical Manufacturing Company. (See Bugbee, Lucian W., Jr., assignor.)
- Continental Steel Corporation. (See Williams, George N., assignor.)
- Convertible Duplex Die Corporation, The. (See McTague, Edward V., assignor.)
- Copeland Refrigeration Corporation. (See Little, Thomas J., Jr., assignor.)
- Copeman, Lloyd G., Flint, Mich. Refrigerator structure. 19,798; Dec. 31.
- Crafts, Curtis S., and C. A. Harless, Oak Park, assignors to The Goss Printing Press Company, Chicago, Ill. Folding mechanism. 19,591; May 28.
- Creedy, Frederick, Bethlehem, Pa. Dynamo-electric machine. Re19,446; Feb. 5.
- Cridlebaugh, J. Clayton. (See Jones, Jacob, assignor.)
- Crompton & Knowles Loom Works. (See Payne, Oscar V., assignor.)
- Crosbie, Robert M., Hagerstown, Md., assignor to H. N. Davock, Birmingham, Mich. Plumbing fixture. 19,771; Dec. 3.
- Cross, Roy, Kansas City, Mo., assignor, by mesne assignments, to Gasoline Products Company, Inc., Wilmington, Del. Treating petroleum hydrocarbons. 19,568; May 14.
- Crossley, Alfred, Chicago, Ill. Temperature control system. 19,680; Aug. 27.
- Crown Cork & Seal Company. (See Booth, George W., assignor.)
- Crown Cork & Seal Company. (See Parks, Merritt G., assignor.)
- Crown Willamette Paper Company. (See Barber, W. R., Natwick, Phelps, assignors.)
- Damon, Edward H., assignor, by mesne assignments, to Cabot Carbon Company, Pampa, Tex. Carbon black. 19,664; Aug. 13.
- Darby, James K., Dayton, Ohio, assignor to Beloit Iron Works, Beloit, Wis. Plant and apparatus for making paper. 19,686; Sept. 3.
- Davis, Jesse H., Baltimore, Md., assignor to B. F. Sturtevant Company, Boston, Mass. Air conditioning apparatus for passenger cars. Re19,453; Feb. 5.
- Davis, Jesse H., Baltimore, Md., assignor to B. F. Sturtevant Company, Boston, Mass. Air conditioning apparatus for passenger cars. 19,759; Nov. 19.
- Davock, Harlow N. (See Crosbie, Robert M., assignor.)
- Decker, James W., New York, N. Y. Stock quotation projection machine and feeding tape therethrough. 19,572; May 21.
- Decker, James W., New York, N. Y. Stock quotation projecting machine and method for feeding tape therethrough. 19,727; Oct. 22.
- Deere & Company. (See Johnson, Theodore W., assignor.)
- De Forest, Alfred V., Cambridge, Mass., assignor, by mesne assignments, to Magnaflex Corporation. Magnetic testing method and means. 19,611; June 18.
- Dehle, Otto T., Dorchester, Mass., assignors, by mesne assignments, to Altorfer Bros. Company, East Peoria, Ill. Washing machine. Re19,514; Apr. 2.
- De Laval Separator Company, The. (See Lindgren, Hans O., assignor.)
- Delta Manufacturing Company. (See Combs, Ralph B., assignor.)

- Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Circumferential pipe welding. 19,751; Nov. 12.
- De Roode, Trimble, New York, N. Y. Sleeping car. 19,585; May 21.
- De Roode, Trimble, New York, N. Y. Sleeping car. 19,586; May 21.
- De Vito, John A., Hawthorne, Calif., assignor to Bendix Brake Company, South Bend, Ind. Hydraulic diaphragm brake. Re19,443; Jan. 29.
- Dewey and Almy Chemical Company. (See Neiley, Stephen B., assignor.)
- Dick, Burns, Ferguson, and S. Schnell, Overland, Mo., assignors to Wagner Electric Corporation, St. Louis, Mo. Hydraulic brake mechanism. 19,687; Sept. 3.
- Dintilhac, Jean G., assignor to Society "Yacco S. A. F.", Paris, France. Thermostatic radiator control. 19,728; Oct. 22.
- Dixon, Albert H., Seattle, Wash., T. S. Robson, Victoria, British Columbia, and F. A. Henschell, Vancouver, British Columbia, Canada, assignors to Rapid Manufacturing Co. Inc., Seattle, Wash. Making shredders. Re19,477; Feb. 26.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 19,623; July 2.
- Donovan, Charles E. (See Donovan, William J. and C. E.)
- Donovan, William J. and C. E., New Rochelle, N. Y. Protector for pies or other commodities. 19,644; July 16.
- Doughnut Corporation of America. (See Hunter, Herbert T., assignor.)
- Douglas, Harry A., Bronson, Mich. Reflecting electric lamp. 19,519; Apr. 9.
- Downingtown Manufacturing Company. (See Ellis, Charles L., assignor.)
- Draper, John B. (See Hague, A. E., and Draper.)
- Dravo Contracting Company, The. (See Kersting, Bernard H., assignor.)
- Dudley, Edmond R., Altadena, Calif. Rotary pump or motor. 19,772; Dec. 3.
- Duke, Edgar, et al. (See Malcom, H. L., and Harker, assignors.)
- Dunn, Thomas E., Bridgeport, Conn., assignor to The Bullard Company. Electrocleaning process. 19,773; Dec. 3.
- Du Pont, E. I., de Nemours & Company. (See Arnold, Her-
rick R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Izard, Em-
mette F., assignor.)
- Dykema, Tunis J., Pittsburgh, Pa. Bottle closure and liquid dropper. 19,520; Apr. 9.
- Eclipse Machine Company. (See Chilton, Roland, as-
signor.)
- Eclipse Machine Company. (See McNeil, Charles I., as-
signor.)
- Economy Fuse and Manufacturing Company. (See Stone,
Jesse, assignor.)
- Edenburg, Louis, Antwerp, Belgium, assignor to Nova Electric Corporation, New York, N. Y. Electrical con-
denser. 19,604; June 11.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Quo-
tation projecting or similar apparatus. 19,746; Nov. 5.
- Electric Controller & Manufacturing Company. (See
Wright, David C., assignor.)
- Elizondo, Prisciliano. (See Mar, Edmundo, assignor.)
- Elliot, William S., assignor to Pro-Phy-Lac-Tic Brush Company, Northampton, Mass. Grinding wheel for bris-
ties. 19,799; Dec. 31.
- Ellis, Charles L., Bradford Hills, Pa., assignor to Down-
ingtown Manufacturing Company, Downingtown, Pa.
Board machine. 19,521; Apr. 9.
- Enterprise Holding Company. (See Johnson, John O.,
assignor.)
- Ernst, Walter, assignor to The Hydraulic Press Manufac-
turing Company, Mount Gilead, Ohio. Hydraulic motor
control means. 19,694; Sept. 10.
- Euth, John E., assignor to The United Autographic Reg-
ister Company, Chicago, Ill. Web aligning device.
19,718; Oct. 8.
- Fax Company, The. (See Stephenson, Arlington W., as-
signor.)
- Felt & Tarrant Manufacturing Company. (See Newman,
N. E., and Niemann, assignors.)
- Field, Oscar S., assignor to General Railway Signal Com-
pany, Rochester, N. Y. Railway track circuits and re-
lay therefor. 19,636; July 9.
- Finch, William G. H., Washington, D. C. Image broadcast-
ing system. 19,575; May 21.
- First National Bank of Pomona, The, trustee. (See Angle-
meyer, Herman B., assignor.)
- Flanagan, Thomas B., assignor to The Exact Weight
Scale Company, Columbus, Ohio. Weighing scale or
article of similar nature. Des. 95,029; Apr. 2.
- Flanzer, Joseph A., Brooklyn, N. Y.; L. L. Jones, Oradell,
N. J.; and E. Reisman, Upper Darby, Pa., assignors to
Technidyne Corporation, New York, N. Y. Variable re-
sistor. 19,605; June 11.
- Fluga Aktiengesellschaft. (See Heylandt, Christian W. P.,
assignor.)
- Food Machinery Corporation. (See Stebler, Fred, as-
signor.)
- Frank, Harrison J. L., and W. A. Harper, assignors to
Bulldog Electric Products Company, Detroit, Mich.
Trolley for distributing systems. Re19,513; Apr. 2.
- Freeman, Horace, Three Rivers, Quebec, Canada, assignor
to Nichols Engineering & Research Corporation of Can-
ada, Limited. Process of and apparatus for oxidizing
metal sulphides and making sulphur dioxide. 19,532;
Apr. 16.
- Freese, Frank G., Aldan, Pa., assignor to Radio Condenser
Company, Camden, N. J. Radiocondenser. 19,688;
Sept. 3.
- Frickey, Royal E., assignor to Welding Service, Inc., San
Francisco, Calif. Welding process. 19,764; Nov. 26.
- Fuller Lehigh Company. (See Black, John E.)
- Furrer, Samuel S., assignor to Brenneis Manufacturing
Company, Oxnard, Calif. Disk harrow. 19,598; June 4.
- Ganewell Company, The. (See Howard, Clifton P., as-
signor.)
- Gardner Toy Company, Inc. (See Gardner, William E., as-
signor.)
- Garfield, Edward L., Scarsdale, assignor to Ice Air Con-
ditioning Company, Inc., New York, N. Y. Air condi-
tioning system and method. 19,729; Oct. 22.
- Gasoline Antioxidant Company. (See Bjerregaard, August
F., assignor.)
- Gasoline Products Company. (See Cross, Roy, assignor.)
- Gastrich, Gustav, assignor to Textile Machine Works,
Wyomissing, Pa. Ornamental toe reinforcement for
stockings. 19,662; Aug. 6.
- General American Tank Car Corporation. (See Pierce,
Raymond C., assignor.)
- General Chemical Company. (See Benner, R. C., and
Thompson, assignors.)
- General Electric Company. (See Chase, Delmar D., as-
signor.)
- General Electric Company. (See Hermann, Peter C., as-
signor.)
- General Household Utilities Company. (See Wexelberg,
Clarence, assignor.)
- General Motors Corporation. (See Berkeley, Harrison C.,
assignor.)
- General Motors Corporation. (See Hull, Harry B., as-
signor.)
- General Railway Signal Company. (See Field, Oscar S.,
assignor.)
- General Railway Signal Company. (See Halles, William
D., assignor.)
- General Salt Company. (See Bierbaum, Harry E., as-
signor.)
- Genung, Harrington S., Minneapolis, Minn. Adjustable
auto armrest. 19,721; Oct. 15.
- Gerold, Catlin, Los Angeles, Calif. Housing for universal
joints. 19,533; Apr. 16.
- Gibson, George H., Upper Montclair, N. J. Combustion
regulation. 19,592; May 28.
- Glasser, Harold A., Jackson Heights, N. Y., assignor to
Bruno-New York, Inc., New York, N. Y. Refrigerator.
19,752; Nov. 12.
- Gleason, Frederick H., Auburn, N. Y., assignor to Auto
Research Corporation. Automobile chassis-lubricating
device. Re19,435; Jan. 22.
- Glidden, Alfred A., Watertown, and V. H. Bodle, Newton,
Mass., assignors to Hood Rubber Company, Inc., Wa-
tertown, Mass. Compound ventilated fabric and making
same. Re19,494; Mar. 12.
- Godshalk, Clarence A., Ardmore, F. Henke and D. Behrsing,
assignors, by mesne assignments, to Ocean City Manu-
facturing Co., Philadelphia, Pa. Fishing reel. 19,559;
May 7.
- Goldberg, David D., Springfield, Mass., assignor to Auto-
matic Cone Valve Company, Mattoon, Ill. Valve.
19,703; Sept. 17.
- Goldberg, Samuel D., assignor to Novocol Chemical Mfg.
Co. Inc., Brooklyn, N. Y. Anesthetic composition.
19,569; May 14.
- Goldsmith, Lester M., Philadelphia, Pa. Valve mechanism.
19,622; June 25.
- Good, Andrew, Fullerton, Calif., assignor to American
Type-O-Writer Co., Ltd. Slug-casting typesetting ma-
chine operation. 19,704; Sept. 17.
- Goodrich, B. F., Company, The. (See Lawson, Wilfrid G.,
assignor.)
- Goodrich, B. F., Company, The. (See Reed, Marion C., as-
signor.)
- Gortner, James E., Shamokin, Pa. Radiator unit.
Re19,502; Mar. 19.
- Goss Printing Press Company, The. (See Crafts, C. S.,
and Harless, assignors.)
- Graham, Robert A. (See Rowe, Charles E., assignor.)
- Graham, James I. (See Rowe, Charles E., assignor.)
- Graves, Herbert C., Jr., East Bradford Township, Chester
County, and O. Jensen, Glenside, Pa., assignors to I-T-E
Circuit Breaker Company, Philadelphia, Pa. Automatic
circuit breaker. 19,753; Nov. 12.
- Great Western Electro-Chemical Co. (See Hirschkind,
Wilhelm, assignor.)
- Greenwood, Richard F., New York, N. Y., assignor to
Standard Equipments, Inc. Rail joint and bar there-
for. 19,522; Apr. 9.
- Groene, William F., assignor to The R. K. Le Blond Ma-
chine Tool Company, Cincinnati, Ohio. Chucking de-
vice. 19,730; Oct. 22.
- Haas, Louis W., assignor, by mesne assignments, to J. R.
Short Milling Company, Chicago, Ill. Bleaching agent
and preparing bleached bread dough. 19,712; Sept. 24.
- Hackett, Walter W., Olbury, near Birmingham, England,
assignor to The American Fork & Hoe Company, Geneva,
Ohio. Tubular metallic shaft. 19,731; Oct. 22.

- Hague, Alfred E., West Orange, N. J., and J. B. Draper, Brooklyn, N. Y., assignors, by mesne assignments, to Western Electric Company, Incorporated. Telephone system. 19,695; Sept. 10.
- Hailes, William D., Brighton, assignor to General Railway Signal Company, Rochester, N. Y. Continuous train control system. 19,599; June 4.
- Hale, William J., Washington, D. C., and W. S. Halde- man, Monmouth, Ill. Controlling the accumulation of aldehydes in the formation of organic acids from pri- mary alcohols. Re19,478; Feb. 26.
- Hall, Donald A., San Diego, Calif. Aircraft. 19,713; Sept. 24.
- Hall Laboratories, Inc. (See Hall, Ralph E., assignor.)
- Hall, Ralph E., Mount Lebanon, assignor to Hall Labo- ratories, Inc., Pittsburgh, Pa. Water softening and washing. 19,719; Oct. 8.
- Halliburton, Erle P., Los Angeles, Calif., assignor to Halli- burton Oil Well Cementing Company, Duncan, Okla. Method and apparatus for cementing wells. 19,570; May 14.
- Halliburton Oil Well Cementing Company. (See Halli- burton, Erle P., assignor.)
- Halstead Corporation. (See Halstead, Richard R., as- signor.)
- Halstead, Richard R., assignor to Halstead Corporation, Beach, N. Dak. Air filter. 19,732; Oct. 22.
- Hamilton Beach Manufacturing Company. (See Meyers, Thomas B., assignor.)
- Hancock, Roy S., Cambridge, Mass., and L. C. Pritchett, Kenil, N. J., assignors to Hercules Powder Company, Wilmington, Del. Producing diazodinitrophenol and the product thereof. 19,645; July 16.
- Hannon, Albert H., Springfield, Ohio. Electroprocessing machine. 19,560; May 7.
- Hansen, Hans P., Syracuse, N. Y. Mortuary record con- tainer. 19,593; May 28.
- Hansgirt, Fritz, Radentheim, Carinthia, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Production of hydrogen. 19,733; Oct. 22.
- Harker, Hyrum S. (See Malcom, H. L., and Harker.)
- Harless, Charles A. (See Crafts, C. S., and Harless.)
- Harm, George O., Warren, Ohio, and R. R. McBride, Frank- lin, Pa., assignors to The Stevens Metal Products Com- pany, Niles, Ohio. Dumping receptacle. 19,795. Dec. 24.
- Harnett, Daniel E., Tuckahoe, N. Y., assignor to Hazeltine Corporation. Radioreceiver. 19,765; Nov. 26.
- Harris, Benjamin R., Chicago, Ill. Margarine and pro- ducing the same. Re19,425; Jan. 15.
- Harshberger, Norman P., Scarsdale, N. Y., assignor to Bakelite Building Products Co. Inc., Wilmington, Del. Shingle. 19,637; July 9.
- Harshberger, Norman P., Scarsdale, N. Y., assignor to Bakelite Building Products, Inc., New York, N. Y. Shingle machine. 19,689; Sept. 3.
- Hartford-Empire Company. (See Amsler, Walter O., as- signor.)
- Hartford-Empire Company. (See Smith, Algy J., as- signor.)
- Haselton, Page S. (See Owens, Percy R., assignor.)
- Haupt, Hans, Berlin, Germany. Telescopic umbrella. 19,576; May 21.
- Hauserman, E. F., Company, The. (See Bohnsack, John A., assignor.)
- Hauserman, E. F., Company, The. (See Hauserman, E. F., Mowery, and Bohnsack, assignors.)
- Hauserman, Earl F., Cleveland Heights, L. D. Mowery, Cleveland, and J. A. Bohnsack, Cleveland Heights, assignors to The E. F. Hauserman Company, Cleveland, Ohio. Wall-support structure. 19,722; Oct. 15.
- Hayes, Frank A., Middletown, N. J. Friction transmission control device. 19,681; Aug. 27.
- Hazeltine Corporation. (See Harnett, Daniel E., assignor.)
- Hazeltine Corporation. (See Wheeler, Harold A., as- signor.)
- Heddon's, James, Sons. (See Heddon, John, assignor.)
- Heddon, John, assignor to James Heddon's Sons, Dowagiac, Mich. Method of drawing tubes. 19,734; Oct. 22.
- Hell Co., The. (See Thwaites, Frederick G.)
- Hempt, Paul L., assignor to The Conley Company, Inc., Rochester, Minn. Massaging device. 19,696; Sept. 10.
- Henke, Frederick. (See Godshalk, C. A., Henke, and Behrsing.)
- Henricksen, Bjarne, North Bergen, N. J., assignor to Sedgwick Machine Works, Incorporated, Poughkeepsie, N. Y. Electrically driven dumb waiter, etc. 19,523; Apr. 9.
- Henschell, Ferdinand A. (See Dixon, A. H., Robson, and Henschell.)
- Heppes, George P., Upper Montclair, N. J., assignor to The Tile-Tex Company, Chicago Heights, Ill. Cooling composition tile. 19,747; Nov. 5.
- Hercules Motors Corporation. (See Treiber, Otis D., as- signor.)
- Hercules Powder Company. (See Bent, Leavitt N., as- signor.)
- Hercules Powder Company. (See Hancock, R. S. and Pritchett, assignors.)
- Hercules Powder Company. (See Koch, William, as- signor.)
- Hercules Powder Company. (See Nash, Henry E., as- signor.)
- Hermann, Peter C., Berlin-Zehlendorf-Mitte, Germany, as- signor to General Electric Company. Apparatus for mak- ing magnetic tests and measurements. 19,600; June 4.
- Herman, Peter C., Berlin-Zehlendorf-Mitte, Germany, as- signor to General Electric Company. Apparatus for making magnetic tests and measurements. 19,601; June 4.
- Heylandt, Christian W. P., Berlin-Britz, Germany, as- signor to Fluga Aktiengesellschaft, St. Moritz, Switzer- land. Gas supplying method and device therefor. Re19,458; Feb. 12.
- Highway Trailer Company. (See Molinare, Anthony W., assignor.)
- Hinderliter, Frank J., Tulsa, Okla. Tool joint for rotary drills. 19,690; Sept. 3.
- Hirschkind, Wilhelm, Berkeley, assignor to Great Western Electro-Chemical Co., San Francisco, Calif. Paper pulp bleaching process. Re19,470; Feb. 19.
- Hofmann, Karl E., and L. H. Schlatter, Altoona, Pa. Rail anchor. 19,774; Dec. 3.
- Hood Rubber Company. (See Glidden, A. A., and Bodle.)
- Hottel, Louis W., Los Angeles, Calif., assignor to The Richardson Company, Lockland, Ohio. Forming plastic articles. 19,524; Apr. 9.
- Houde Engineering Corporation. (See Peo, Ralph F., as- signor.)
- Howard, Clifton P., Worcester, assignor, by mesne as- signments, to The Gamewell Company, Newton, Mass. Control device for alarm mechanism. Re19,447; Feb. 5.
- Howard, Clifton P., Worcester, assignor, by mesne as- signments, to The Gamewell Company, Newton, Mass. Control device for alarm mechanism. 19,775; Dec. 3.
- Hubacker, Earl F. (See Buchanan, J. C. and Hubacher.)
- Hudiakoff, Andrei, New York, N. Y. Apparatus for multiple visual effects. 19,629; July 2.
- Hull, Harry B., Dayton, Ohio, assignor, by mesne as- signments, to General Motors Corporation. Refrigerating apparatus. 19,534; Apr. 16.
- Humoco Corporation. (See Moore, Arlington, assignor.)
- Hunt, J. Harold. (See Winchester, F. U., and Hunt.)
- Hunter, Herbert T., Baltimore, Md., assignor to Doughnut Corporation of America, New York, N. Y. Cooking appar- atus. 19,535; Apr. 16.
- Hydraulic Press Manufacturing Company, The. (See Ernst, Walter, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Laska, A. L., and Zitscher, assignors.)
- I-T-E Circuit Breaker Company. (See Graves, H. C., Jr., and Jensen, assignors.)
- Ice Air Conditioning Company. (See Garfield, Edward L., assignor.)
- Illinois Tool Works. (See Olson, Carl G., assignor.)
- Industrial Spray-Drying Corporation. (See Lamont, Dal- las R., assignor.)
- Ingersoll Milling Machine Company. (See Johnson, John R., assignor.)
- International Cigar Machinery Company. (See Wheeler, Henry H., assignor.)
- International Harvester Company. (See Johnson, Arnold E. W., assignor.)
- International Nickel Company, The. (See Merica, P. D., and Kayes, assignors.)
- Interstate Equipment Corporation. (See Kilcarr, Gilbert M., assignor.)
- Ireland, Lewis J., Austin, Tex., assignor to Triploil Manu- facturing Company, Wilmington, Del. Apparatus for re- claiming used and diluted lubricating oil. 19,646; July 16.
- Izard, Emmette F., Elsmere, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative composition. 19,705; Sept. 17.
- Jackson, D. O. (See Jensen, James B., assignor.)
- Jahraus, Harold A., assignor to Swayne, Robinson & Com- pany, Richmond, Ind. Speed changer. Re19,471; Feb. 19.
- Jeffries, John M., assignor to Atlas Powder Company, Wilmington, Del. Method of and explosive for blast- ing deep well holes. 19,647; July 16.
- Jones, Walter, deceased, Stourbridge, England, by Acti- vated Sludge, Inc., Chicago, Ill. assignee. Purification of sewage and other liquids. 19,577; May 21.
- Jenkins, Charles F., Washington, D. C., assignor, by mesne assignments, to Radio Corporation of America. Picture transmission. 19,561; May 7.
- Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Valve operating mechanism for tank vehicles. 19,691; Sept. 3.
- Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Valve operating mechanism for tank vehicles. 19,760; Nov. 19.
- Jensen, Otto. (See Graves, H. C., Jr., and Jensen.)
- Jenson, James B., assignor to D. O. Jackson, Salt Lake City, Utah. Guard finger and ledger plate for mowing machines. 19,658; July 30.
- Jessen, John A., assignor to Whitin Machine Works, Whit- insville, Mass. Long draft spinning mechanism. Re19,495; Mar. 12.
- Johns-Manville Products Corporation. (See Powell, Ed- ward R., assignor.)
- Johnson, Anton, West Hampton, N. Y. Interchangeable skate and shoe. 19,706; Sept. 17.
- Johnson, Arnold E. W., Chicago, Ill., assignor to Interna- tional Harvester Company. Implement hitch. 19,550; Apr. 30.

- Johnson, Charles E., North Muskegon, Mich. Hydraulic tappet. 19,761; Nov. 19.
- Johnson, John O., assignor to Enterprise Holding Company, Minneapolis, Minn. Snowplow with side chutes. 19,754; Nov. 12.
- Johnson, John R., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool slide and lubricator therefor. Re19,448; Feb. 5.
- Johnson, Theodore W., assignor to Deere & Company, Moline, Ill. Cultivator. 19,762; Nov. 19.
- Jones, Jacob, assignor of forty-nine per cent to J. Clayton Cridlebaugh, Woodinville, Wash. Masks for fowls. 19,562; May 7.
- Jones, Lester L. (See Flanzer, J. A., Jones, and Reisman.)
- Jordan, William M., Birmingham, Ala., assignor to South Bend Bait Company, South Bend, Ind. Fishing lure. 19,671; Aug. 20.
- Judd, Irving H., Detroit, Mich., assignor to Whitehead & Kales Company, River Rouge, Mich. Transportation of automobiles. 19,776; Dec. 3.
- Juffa, Wilhelm, Immenau, Germany, assignor to Kimble Glass Company, Vineland, N. J. Container for the packing of articles. 19,525; Apr. 9.
- Junghans, Helmut, Schramberg, Germany, assignor to Società Anonima Arturo Junghans Fabbrica D'Orologeria, Venice, Italy. Fuse for aeroplane defense projectiles. 19,755; Nov. 12.
- Justhelm, Clarence I., Salt Lake City, Utah. Venturi tube. 19,581; May 21.
- Kane, Wilbur T., Philadelphia, Pa. Thread guide for knitting machines. Re19,486; Mar. 5.
- Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Sirup valve for bottle fillers. 19,777; Dec. 3.
- Kayes, Augustus E. (See Merica, P. D., and Kayes.)
- Kerrick, Walter B. (See Clayton, B., Kerrick, and Stadt.)
- Kersting, Bernard H., Ben Avon, Pa., assignor to The Dravo Contracting Company. Drum weir. 19,623; June 25.
- Kidder, Dean L. (See Kidder, William V.)
- Kidder, William V., deceased, by D. L. Kidder, executrix, La Crosse, Wis. Lubricating system and product. Re19,436; Jan. 22.
- Kienle, Taxameter- und Apparate A.-G. (See Toewe, Fritz, assignor.)
- Kilcarr, Gilbert M., assignor to Interstate Equipment Corporation, New York, N. Y. Loading device. 19,659; July 30.
- Kimball, Arthur W., Newton Center, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Separable fastener, fastener installation and attaching same. 19,624; June 25.
- Kimble Glass Company. (See Juffa, Wilhelm, assignor.)
- Kirby, Charles H., assignor to Marvel Carburetor Company, Flint, Mich. Down draft carburetor. Re19,503; Mar. 19.
- Kjellgren, Bengt, Cleveland Heights, Ohio, assignor to The Brush Development Company, Cleveland, Ohio. Producing piezo-electric crystals. 19,697; Sept. 10.
- Kjellgren, Bengt, Cleveland Heights, Ohio, assignor to The Brush Development Company, Cleveland, Ohio. Producing crystals. 19,698; Sept. 10.
- Knowland, Thomas M., Belmont, Mass., assignor to Boston Woven Hose and Rubber Company, Cambridge, Mass. Method of and apparatus for vulcanizing rubber articles. 19,660; July 30.
- Koch, William, assignor to Hercules Powder Company, Wilmington, Del. Coating composition. 19,526; Apr. 9.
- Koch, William, assignor to Hercules Powder Company, Wilmington, Del. Coating composition. 19,612; June 18.
- Kozmer, Benjamin, Chicago, Ill. Apparatus for treating footballs, basket balls, or like inflatable balls. 19,789; Dec. 17.
- Kramer, Henry H. (See Schmidt, F. A., and Kramer.)
- Krebs Pigments & Color Corporation. (See Leuchs, Karl, assignor.)
- Krueger, Theodore H., Putney, Stratford, Conn., assignor to Better Packages, Inc., New York, N. Y. Tape serving device. 19,756; Nov. 12.
- Kyle, William D., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Fuse box. Re19,449; Feb. 5.
- Lackey, Robert M., et al. (See Baker, Thomas F., assignor.)
- Lamont, Dallas R., Brooklyn, assignor to Industrial Spray-Drying Corporation, New York, N. Y. Controlling characteristics of spray process products. 19,556; Apr. 30.
- Lamplough, Leslie F., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for vulcanizing material on articles. Re19,444; Jan. 29.
- Landis Tool Company. (See Rowell, Ralph K., assignor.)
- Lane Company, The. (See Loftin, Lawrence K., assignor.)
- Langford, George, assignor to McKenna Process Company of Illinois, Joliet, Ill. Rail joint and bar therefor. 19,638; July 9.
- Landier, Edward H., Covington, Ky. Aeroplane. 19,665; Aug. 13.
- Laska, August L., and A. Zitscher, Offenbach-on-the-Main, assignors to I.-G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Azo dyesuff and making same. 19,527; Apr. 9.
- Latona, Gaetano, et al. (See Ricci, Leonardo, assignor.)
- Lauritsen, Charles C., Pasadena, Calif., assignor, by mesne assignments, to Radio Corporation of America. Receiving apparatus for electromagnetic waves. 19,723; Oct. 15.
- Lawson, Wilfrid G., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for molding articles from plastic material. Re19,496; Mar. 12.
- Lawton, Robert B., assignor to Weber Costello Co., Chicago Heights, Ill. Grooved supporting fork for globes. 19,682; Aug. 27.
- Le Blond, R. K., Machine Tool Company, The. (See Groene, William F., assignor.)
- Lederer, Karl M., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Millivoltmeter. 19,735; Oct. 22.
- Leeds & Northrup Company. (See Quereau, John F., assignor.)
- Leuchs, Karl, Berlin-Zehlendorf, Germany, assignor, by mesne assignments, to Krebs Pigments & Color Corporation. Manufacturing titanium oxide suitable for use as a pigment. 19,594; May 28.
- Levkoff, Evelyn G., Brooklyn, N. Y. Collapsible egg carton. 19,625; June 25.
- Lewis Invisible Stitch Machine Company. (See Popper, Max, assignor.)
- Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Producing conical disks for centrifugal separators. 19,790; Dec. 17.
- Line Material Company. (See Kyle, William D., assignor.)
- Lipham, Harvey J., Creamery, Pa. Electric cooking appliance. 19,717; Oct. 1.
- Liquid Carbonic Corporation, The. (See Kantor, James, assignor.)
- Little, Thomas J., Jr., Birmingham, assignor, by mesne assignments, to Copeland Refrigeration Corporation, Mount Clemens, Mich. Making evaporators. 19,778; Dec. 3.
- Littell, F. J., Machine Company. (See Littell, Frederick J., assignor.)
- Littell, Frederick J., assignor to F. J. Littell Machine Company, Chicago, Ill. Automatic centering reel. 19,736; Oct. 22.
- Loftin, Lawrence K., Altavista, Va., assignor to The Lane Company, Inc. Cedar chest. 19,737; Oct. 22.
- Lubrication Corporation, The. (See Dodge, Adiel Y., assignor.)
- Lukens, Hiram S., assignor, by mesne assignments, to Magnesium Cement Laboratories, Inc., Philadelphia, Pa. Sorel-cement product and making the same. 19,779; Dec. 3.
- Lyon, George A., Allenhurst, N. J. Ornamenting ring for wheel rims. Re19,466; Feb. 12.
- Lyon, George A., Allenhurst, N. J. Ornamental member for wheels. Re19,467; Feb. 12.
- Lyon Metal Products, Incorporated. (See Bales, J. E., and Christensen, assignors.)
- Lyons, Theodore E., Jeffersonville, Ind., assignor to American Car and Foundry Company, New York, N. Y. Industrial truck. Re19,497; Mar. 12.
- M & V Tank Company. (See McMurray, William G., assignor.)
- MacClatchie, Warren. (See Young, John.)
- Magnesium Cement Laboratories, Inc. (See Lukens, Hiram S., assignor.)
- Magnaflux Corporation. (See de Forest, Alfred V., assignor.)
- Maintenance Equipment Company. (See Bates, Harry B., assignor.)
- Malcom, Henry L., and H. S. Harker, Shelley, Idaho, assignors of 40% to said Malcom, 20% to said Harker, 20% to E. Duke, Idaho Falls, Idaho, and 20% to W. S. Wright, Shelley, Idaho. Beet harvester. 19,672; Aug. 20.
- Mar, Edmundo, Houston, Tex., assignor of one-half to P. Elizondo, Monterey, Mexico. Wash rag or pad. 19,796; Dec. 24.
- Martin Brothers Electric Company, The. (See Martin, Wendell L., assignor.)
- Martin, Wendell L., assignor to The Martin Brothers Electric Company, Cleveland, Ohio. Apparatus for therapeutic and other purposes. 19,724; Oct. 15.
- Marvel Carburetor Company. (See Kirby, Charles H., assignor.)
- Marx, Louis, & Company. (See Savage, Edward S., assignor.)
- Material Handling, Inc. (See Romine, Robert T., assignor.)
- Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Multiplex receiving apparatus. 19,626; June 25.
- Matthews, W. N., Corporation. (See Birkenmaier, Theodore, assignor.)
- McBee Company, The. (See Rutkoskie, G. A., and Welk, assignor.)
- McBride, Robert R. (See Harm, G. O., and McBride.)
- McCloud, Don B., Carbondale, Ill. Explosive cartridge. Re19,410; Jan. 1.
- McCormick, Charles E., Royal Oak, Mich. Weather strip. Re19,416; Jan. 8.

- McCoy, Curtiss J., Indianapolis, Ind. Christmas tree light ornament. 19,652; July 23.
- McDonnell, Everett N., et al. (See Carlson, Oscar F., assignor.)
- McGavack, John, Leonia, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Treating rubber latex and product obtained thereby. Re19,434; Jan. 22.
- McKay, Hobart J., and P. J. Carlsen, St. Paul, Minn., assignors, by mesne assignments, to The Richardson Company, Lockland, Ohio. Hydraulic press. 19,780; Dec. 3.
- McKenna Process Company of Illinois. (See Langford, George, assignor.)
- McKillop, Edgar A., Hendersonville, N. C. Device for cleaning bobbins. 19,673; Aug. 20.
- McMurray, William G., assignor to M & V Tank Company, Wichita Falls, Tex. Method of and apparatus for the separation of oil, gas, and water. 19,666; Aug. 13.
- McNeil, Charles I., Bloomfield, N. J., assignor to Eclipse Machine Company, Elmira Heights, N. Y. Controlling generator. 19,738; Oct. 22.
- McPherson, Harry L., Memphis, Tenn. Cowl ventilator. 19,800; Dec. 31.
- McTague, Edward V., assignor to The Convertible Duplex Die Corporation, Millville, N. J. Pressing machine. 19,563; May 7.
- Meiwald, Franz, Vienna, Austria. Circum-knitted strand element and making same. 19,551; Apr. 30.
- Merica, Paul D., New York, N. Y., and A. E. Kayes, Huntington, W. Va., assignors, by mesne assignments, to The International Nickel Company, Inc., New York, N. Y. Carbon-free metal. 19,725; Oct. 15.
- Meyers, Thomas B., assignor to Hamilton Beach Manufacturing Company, Racine, Wis. Motor driven beater. 19,630; July 2.
- Miller, Frank P., Meadville, Pa. Reamer. Re19,450; Feb. 5.
- Miller, Herbert E., assignor to Utilities Service Company, Inc., Allentown, Pa. Guy wire protector. 19,639; July 9.
- Miller, Herbert W., Beverly Hills, Calif., assignor to United Lens Corporation, Detroit, Mich. Direction signal. 19,552; Apr. 30.
- Miller, Max B., & Co. Inc. (See Tuttle, Malcolm H., assignor.)
- Millie Patent Holding Co. (See Rambold, Adolf, assignor.)
- Mills, Fred L., Oak Park, Ill., assignor to Mills Novelty Company, Chicago, Ill. Game apparatus. 19,674; Aug. 20.
- Mills Novelty Company. (See Mills, Fred L., assignor.)
- Milnor, Joseph W. (See Cannon, W. D., and Milnor.)
- Milnor, Joseph W., Maplewood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Balancing ocean cable. 19,640; July 9.
- Mohawk Carpet Mills, Inc. (See Shuttleworth, Howard L., assignor.)
- Mollnare, Anthony W., Forest Park, Ill., assignor to Highway Trailer Company, Edgerton, Wis. Semitrailer and auxiliary support. Re19,451; Feb. 5.
- Moore, Arlington, assignor to Humoco Corporation, Louisville, Ky. Flanged reinforced paper article and making same. Re19,504; Mar. 19.
- Mosgrove, Charles A., Mansfield, Ill. Distributor mechanism. 19,801; Dec. 31.
- Motor Wheel Corporation. (See Winchester, F. U., and Hunt, assignors.)
- Mowery, Leroy D. (See Hauserman, E. F., Mowery, and Bohnsack.)
- Multigraph Company. (See Chisholm, Clifton, assignor.)
- Murray, John F., executor et al. (See Murray, Thomas E.)
- Murray, Joseph B., executor et al. (See Murray, Thomas E.)
- Murray, Thomas E., Jr., executor et al. (See Murray, Thomas E.)
- Murray, Thomas E., deceased, Brooklyn, by American Radiator and Standard Sanitary Corporation, New York, N. Y., assignee. Radiator. 19,781; Dec. 3.
- Murray, Thomas E., deceased, by T. E. Murray, Jr., J. B. Murray, and J. F. Murray, executors, Brooklyn, N. Y., assignors to Metropolitan Engineering Company. Heat-conducting tube. 19,782; Dec. 3.
- Myers, Harry L., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Planetary type surfacing machine. 19,613; June 18.
- Myers, Harry L., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Light weight surfacing machine. 19,707; Sept. 17.
- Naftali, Henry. (See Naftali, Rudolf, V., and H.)
- Naftali, Rudolf, V., and H., assignors to Naftali Slip Stitching Process, Inc., New York, N. Y. Sewing machine. 19,653; July 23.
- Naftali Slip Stitching Process, Inc. (See Naftali, Rudolf, V., and H., assignors.)
- Naftali, Valentine. (See Naftali, Rudolf, V., and H.)
- Nash, Henry E., assignor to Hercules Powder Company, Wilmington, Del. Composition for fuse, igniter charges, and the like. 19,661; July 30.
- National Carbon Company. (See Ray, Arthur B., assignor.)
- National Cash Register Company, The. (See Shipley, Bernis M.)
- National Machinery Company, The. (See Spire, William H., assignor.)
- National-Superior Company, The. (See Archer, Merton T., assignor.)
- National Superior Company, The. (See Zerbe, Lewis E., assignor.)
- Nawiasky, Paul, Ludwigshafen-on-the-Rhine, W. Bauer, Leverkusen, and E. Krauch, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the acridone and thioxanthone series and making them. Re19,437; Jan. 22.
- Neiley, Stephen B., Winchester, assignor to Dewey and Almy Chemical Company, Cambridge, Mass. Coagulation of latex. Re19,426; Jan. 15.
- Nevill, Gale E., Houston, Tex. Device for recording deviation from the vertical in wells. Re19,505; Mar. 19.
- New, Gustave A., Lakewood, Ohio, assignor, by mesne assignments, to Buffalo-Electro-Chemical Co., Inc., Buffalo, N. Y. Cellular gypsum product. Re19,506; Mar. 19.
- Newman, Neal E., Philadelphia, Pa., and F. A. Niemann, Chicago, Ill., assignors to Felt & Tarrant Manufacturing Company, Chicago, Ill. Record sheet holder for facilitating distribution of accounts. 19,743; Oct. 29.
- News Projection Corporation. (See Eitzen, August D., assignor.)
- New York Air Brake Company, The. (See Campbell, Charles A., assignor.)
- Nichols Engineering & Research Corporation of Canada, Limited. (See Freeman, Horace, assignor.)
- Niemann, Frederick A. (See Newman, N. E., and Niemann.)
- Norge Corporation. (See Buchanan, J. C., and Hubacker, assignors.)
- Nottingham, Ulysses H., Bearcreek, Mont. Machine for working fine gold. 19,739; Oct. 22.
- Nova Electric Corporation. (See Edenburg, Louis, assignor.)
- Novocol Chemical Mfg. Co. Inc. (See Goldberg, Samuel D., assignor.)
- Novocol Chemical Mfg. Co. Inc. (See Woelm, Max, assignor.)
- Ocean City Manufacturing Co. (See Godshalk, C. A., Henke, and Behrsing, assignors.)
- Ofutt, Harold H. (See Billings, E., and Ofutt.)
- Ohio Oil Company, The. (See Skinner, Alva L., assignor.)
- Olson, Carl G., assignor, by mesne assignments, to Illinois Tool Works, Chicago, Ill. Electrical connector. Re19,479; Feb. 26.
- Ornes, Conrad L. (See Bollman, R. R., and Ornes.)
- Ostersetzer, Alfons. (See Pollak, F., and Ostersetzer.)
- Ostersetzer, Alfons, Melegnano, near Milan, Italy, and F. Riesenfeld, Vienna, Austria, assignors, by mesne assignments, to Catalin Corporation of America, Fords, N. J. Manufacture of phenol formaldehyde condensation products. 19,708; Sept. 17.
- Otis, Herbert C., Dallas, Tex. Process and apparatus for inserting tubing in wells. Re19,498; Mar. 12.
- Owens, Percy R., Scarsdale, N. Y., assignor of twenty-five per cent to P. S. Haselton, Bayside, Long Island, N. Y. Heating system. Re19,507; Mar. 19.
- Panther-Panco Rubber Co. (See Sleeper, Myron O., assignor.)
- Paramount Pies, Inc. (See Carlson, Fred W., assignor.)
- Parker, Donald, et al., administrators. (See Parker, George D.)
- Parker, George D., deceased, Riverside, by Donald Parker and Citizens National Trust and Savings Bank of Riverside, administrators, Riverside, Calif. Securing covers to containers. Re19,459; Feb. 12.
- Parks, Merritt G., Dayton, Ohio, assignor to Crown Cork & Seal Company, Inc. Machine for forming and applying plastic gaskets to jar caps. Re19,460; Feb. 12.
- Parks, Merritt G., Dayton, Ohio, assignor to Crown Cork & Seal Company, Inc. Making and applying gaskets to jar caps. 19,536; Apr. 16.
- Payne, Oscar V., Leicester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic weft detecting mechanism for looms. 19,641; July 9.
- Payne, Walter B. (See Bohrer, R. E., Payne, and Tielef.)
- Peace, John D., Jr., Malba, L. I., N. Y., assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Indicating instrument. 19,709; Sept. 17.
- Peakes, Gilbert L. (See Byck, L. C., and Peakes.)
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber. 19,631; July 2.
- Perfect Manufacturing Company, The. (See Bollman, R. R., and Ornes, assignors.)
- Perry, Donald B., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Telegraph communication system. 19,614; June 18.
- Peterson, John W., Cairo, Ill. Cotter key. Re19,452; Feb. 5.
- Pfohl, Anthony J., Lockland, Ohio. Apparatus for molding bituminous materials. 19,553; Apr. 30.
- Phelps, Maurice W. (See Barber, W. R., Natwick, and Phelps.)
- Pierce, Raymond C., assignor to General American Tank Car Corporation, Chicago, Ill. Tank car. 19,537; Apr. 16.
- Pioneer Instrument Company. (See Peace, John D., Jr., assignor.)
- Piper, William B., assignor to Gasmold Sign Corporation, Memphis, Tenn. Illuminated sign. Re19,417; Jan. 8.

- Platt, Haviland H., New York, N. Y., assignor to F. W. Wilkening, Philadelphia, Pa. Aircraft. Re19,438; Jan. 22.
- Ploeger, Clyde E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Unloader valve. 19,544; Apr. 23.
- Pohl, Theodor, Frankfurt-on-the-Main, and J. Schneider, Oberursel-on-Taunus, Germany. Abrading material and preparing the same. 19,802; Dec. 31.
- Pollak, Fritz, Vienna, Austria, and A. Ostersetzer, Melegnano, near Milan, Italy, assignors, by mesne assignments, to Catalin Corporation of America, Fords, N. J. Condensation product and making same. 19,710; Sept. 17.
- Pollock, Porter, deceased, by The William B. Pollock Company, assignee, and C. A. Wills, Youngstown, Ohio. Ladle structure. 19,683; Aug. 27.
- Pollock, William B., Company, The. (See Pollock, P., and Wills.)
- Popper, Max, Brooklyn, N. Y., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Pinking attachment for sewing machines. 19,667; Aug. 13.
- Posati, Amerigo, et al. (See Ricci, Leonardo, assignor.)
- Powell, Edward R., Alexandria, Ind., assignor, by mesne assignments, to Johns-Manville Products Corporation, New York, N. Y. Making felted mineral fiber. 19,627; June 25.
- Powell, John M., Mount Vernon, Ill. Combination grave marker and flower vase. 19,602; June 4.
- Powers, Milton A., assignor to The Timken Silent Automatic Company, Detroit, Mich. Liquid fuel burner ignition. 19,766; Nov. 26.
- Powers, Milton A., assignor, by mesne assignments, to The Timken Silent Automatic Company, Detroit, Mich. Hearth for oil burning furnaces. 19,785; Dec. 10.
- Powers Regulator Company, The. (See Snediker, Morton O., assignor.)
- Pritchett, Leslie C. (See Hancock, R. S., and Pritchett.)
- Pro-Phy-Lac-Tic Brush Company. (See Elliot, William S., assignor.)
- Prussing, Walter, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Automatic tube finishing and advancing machine. 19,578; May 21.
- Quaker City Iron Works. (See Jensen, James A., assignor.)
- Quereau, John F., Barren Hill, Pa., assignor to Leeds & Northrup Company, Philadelphia, Pa. Thermopile. 19,564; May 7.
- Radio Condenser Company. (See Freese, Frank G., assignor.)
- Radio Corporation of America. (See Barber, Alfred W., assignor.)
- Radio Corporation of America. (See Beverage, Harold H., assignor.)
- Radio Corporation of America. (See Jenkins, Charles F., assignor.)
- Radio Corporation of America. (See Lauritsen, Charles C., assignor.)
- Radio Corporation of America. (See Mathes, Richard E., assignor.)
- Radio Corporation of America. (See Roberts, Walter van B., assignor.)
- Radio Corporation of America. (See Shoup, Allen, assignor.)
- Radio Corporation of America. (See Yagle, Theodore F., assignor.)
- Raffold Process Corporation. (See Rafton, Harold R., assignor.)
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Manufacture of paper. 19,528; Apr. 9.
- Rambold, Adolf, Dresden, Germany, assignor to Millie Patent Holding Co., Inc., New York, N. Y. Conveying and flattening device for small bags filled with tea or the like. 19,675; Aug. 20.
- Ramsey, Allan, Evanston, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse. Re19,462; Feb. 12.
- Rapid Manufacturing Co. Inc. (See Dixon, A. H., Robson and Henschell, assignors.)
- Ray, Arthur B., Bayside, N. Y., assignor to National Carbon Company, Inc. Apparatus for treating gases. 19,791; Dec. 17.
- Reed, Marion C., Lakewood, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 19,654; July 23.
- Reed Roller Bit Company. (See Barrett, G. J., and Robichaux, assignors.)
- Reifling, Inc. (See Clayton, B., Kerrick, and Stadt, assignors.)
- Refrigerator cabinet. C. Wexelberg. 19,618; June 18.
- Reimann, Jacques, J., and W. Erdington, Birmingham, England. Manufacture of fluted, corrugated, twisted, or other like metal or other tubes, rods, or bars. 19,655; July 23.
- Reimann, William. (See Reimann, Jacques J., and W.)
- Reisman, Emil. (See Flanzler, J. A., Jones, and Reisman.)
- Republic Steel Corporation. (See Cape, A. T., and Bowman, assignors.)
- Research Corporation. (See Royster, Percy H., assignor.)
- Reynolds, Marvin C., Chicago, Ill. Manufacturing margarine. 19,767; Nov. 26.
- Ricci, Leonardo, New Kensington, Pa., assignor of ten per cent to G. Latona and three per cent to A. Posati, Arnold Borough, Westmoreland County, Pa. All metal tire cover. 19,582; May 21.
- Rice, Jacques B., New York, N. Y., assignor to Bernard Rice's Sons Incorporated. Ornamental top for cigarette tins. Re19,427; Jan. 15.
- Rice's, Bernard, Sons Incorporated. (See Rice, Jacques B., assignor.)
- Richardson Company, The. (See Hottel, Louis W., assignor.)
- Richardson Company, The. (See McKay, H. J., and Carlson.)
- Riek, Forest O., et al. (See Roberts, George E., assignor.)
- Riek, Rudolph A., et al. (See Roberts, George E., assignor.)
- Riesenfeld, Franz. (See Ostersetzer, A., and Riesenfeld.)
- Rip Van Winkle Wall Bed Company. (See Sinclair, Neil, assignor.)
- Ripper, Kurt, Berlin, Germany, assignor, by mesne assignments, to American Cyanamid Company. Making condensation products of urea and aldehyde. Re19,463; Feb. 12.
- Roberts, George E., Burbank, Calif., assignor of one-fourth to R. A. Riek, and one-fourth to F. O. Riek, Rhinelander, Wis. Compressor. 19,783; Dec. 3.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Amplifier with controllable band pass width. 19,668; Aug. 13.
- Robson, Thomas S. (See Dixon, A. H., Robson, and Henschell.)
- Roethel, John H., Detroit, Mich. Window control mechanism. 19,579; May 21.
- Romine, Robert T., Mount Clemens, Mich., assignor to Material Handling, Inc., Wilmington, Del. Industrial truck. 19,606; June 11.
- Rosenberg, Heyman, New York, N. Y. Fastener. 19,792; Dec. 17.
- Ross, Sargent & Lundy Patents Corporation. (See Rossman, Allen M., assignor.)
- Rossman, Allen M., Wilmette, Ill., assignor, by mesne assignments, to Rossman, Sargent & Lundy Patents Corporation, Chicago, Ill. Electrical switching station. 19,797; Dec. 24.
- Bothholz, Louis, New York, N. Y. Plate glass transporting truck. 19,580; May 21.
- Rowe, Charles E., assignor of one-fourth to R. A. Graham and one-fourth to J. I. Graham, Ballarat, Victoria, Australia. Apparatus for removing boots and shoes from lasts. 19,648; July 16.
- Rowell, Ralph K., West Hartford, Conn., assignor to Landis Tool Company, Wayneboro, Pa. Automatic cam grinding machine. 19,663; Aug. 6, 1935.
- Royster, Percy H., Bethesda, Md., assignor to Research Corporation, New York, N. Y. Apparatus for heating gases. 19,757; Nov. 12.
- Ruhrchemie Aktiengesellschaft. (See Banck, Martin, assignor.)
- Rumpel, Harvey H., assignor to Smith Engineering Works, Milwaukee, Wis. Intercone mill. 19,538; Apr. 16.
- Russell, Edward A., Chicago, P. B. Parks, Oak Park, and W. M. Smith, assignors to Vapor Car-Heating Company, Inc., Chicago, Ill. Hot water temperature regulator. Re19,488; Mar. 5.
- Rust, John D., Memphis, Tenn. Cotton gathering machine. Re19,411; Jan. 1.
- Rutkoskie, George A., and Nelson S. Welk, Athens, Ohio, assignors to The McBee Company, Athens, Ohio. Printing press for producing wax carbon spots on sheets of paper. 19,642; July 9.
- Salcedo, Ferdinand G., Hollywood, Calif., assignor to Consolidated Advertising Corp., Ltd., Los Angeles, Calif. Sound reproducing apparatus for advertising purposes. 19,583; May 21.
- Salerni, Piero M., Westminster, England. Power transmission mechanism. Re19,428; Jan. 15.
- Samel, Leo, Irvington, N. J. Liquid cooling apparatus. 19,615; June 18.
- Savage, Edward S., Rochester, N. Y., assignor to Louis Marx & Company. Whirling toy. Re19,499; Mar. 12.
- Scheibell, Gordon B., Short Hills, N. J. Photocell compensating system. 19,768; Nov. 26.
- Schlatter, Louis H. (See Hofmann, K. E., and Schlatter.)
- Schmidt, Folkert A., and H. H. Kramer, assignors to Stahl-Urban Company, Terre Haute, Ind. Manufacturing Garments. 19,571; May 14.
- Schmidt, Karl, Munich Gladbach, Germany. Producing black and for preventing the weakening of the fibers. 19,529; Apr. 9.
- Schneider, Josef. (See Pohl, T., and Schneider.)
- Schnell, Steve. (See Dick, R., and Schnell.)
- Schrank, Max C., Bridgeton, N. J. Wrap-around garment. 19,669; Aug. 13.
- Schulz, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Plaster foundation. Re19,480; Feb. 26.
- Schwieger Chemical Co. Inc. (See Schwieger, C., assignor.)
- Sedgwick Machine Works, Incorporated. (See Henriksen, Bjarne, assignor.)
- Serrel, Inc. (See Ploeger, Clyde E., assignor.)
- Shaw, John P., Craddock, Portsmouth, Va. Free reeling fishing reel. 19,740; Oct. 22.
- Sheaffer, W. A., Pen Company. (See Sheaffer, Walter A., assignor.)
- Sheaffer, Walter A., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 19,530; Apr. 9.

- Sherman, John Q., Dayton, Ohio, assignor to The Standard Register Company. Cash drawer manifold device. Re19,418; Jan. 8.
- Shipley, Bernis M., Dayton, Ohio, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 19,793; Dec. 24.
- Short, J. R., Milling Company. (See Haas, Louis W., assignor.)
- Shoup, Allen, Oaklyn, N. J., assignor to Radio Corporation of America. Photophonographic apparatus. 19,714; Sept. 24.
- Shuttleworth, Howard L., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Fabric and method and apparatus for producing it. 19,554; Apr. 30.
- Siegel, David T., Chicago, Ill. Rheostat potentiometer and constructing the same. 19,607; June 11.
- Simmons Automatic Valve Company. (See Simmons, John T., assignor.)
- Simmons, John T., assignor to Simmons Automatic Valve Company, Longview, Tex. Apparatus and method for removing fluids from wells. 19,711; Sept. 17.
- Sinclair, Nell, assignor to Rip Van Winkle Wall Bed Company, Inc., Oakland, Calif. Vertically pivoted wall bed. Re19,464; Feb. 12.
- Singer, Fritz, Nuremberg, Germany, assignor to Tubus A. G., Zurich, Switzerland. Hot extrusion method. Re19,474; Feb. 19.
- Skillman, Thomas S., Aldwych, London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 19,741; Oct. 22.
- Skinner, Alva L., Bridgeport, Ill., assignor to The Ohio Oil Company, Findlay, Ohio. Counterbalance for well pumps. 19,565; May 7.
- Sleeper, Myron O., Hanson, assignor, by mesne assignments, to Panther-Panco Rubber Co., Inc., Stoughton, Mass. Making shoe wetting. 19,555; Apr. 30.
- Smith, Algy J., Bloomfield, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for the manufacture of blown glassware. Re19,439; Jan. 22.
- Smith Engineering Works. (See Rumpel, Harvey H., assignor.)
- Smith, Raymond D., Fairfield, Conn., assignor, by mesne assignments, to Tremont Products Corporation, Boston, Mass. Limit timing mechanism. 19,539; Apr. 16.
- Smith, Robert N., Independence, assignor to E. Scott and J. L. Hugin, Kansas City, Mo. Doorlock. Re19,440; Jan. 22.
- Smith, William M. (See Russell, E. A., Parks, and Smith.)
- Snediker, Morton O., assignor to The Powers Regulator Company, Chicago, Ill. Regulating apparatus. Re19,419; Jan. 8.
- Societ  Anonima Arturo Junghans Fabrica D'Orologeria. (See Junghans, Helmut, assignor.)
- Society "Yacco S. A. F." (See Dintilhac, Jean G., assignor.)
- Solar-Sturges Mfg. Co. (See Walker, James P., assignor.)
- South Bend Ball Company. (See Jordan, William M., assignor.)
- Sparkes, Harry P., West Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company. Synchronizing equipment. Re19,441; Jan. 22.
- Spear Box Company. (See Blumenstock, Louis, assignor.)
- Speigel, Michael, et al. (See Baker, Thomas F., assignor.)
- Sperlich, Herman A., and J. H. Uhlig, Detroit, Mich. Cabinet ironing machine. Re19,429; Jan. 15.
- Spire, William H., Cleveland, assignor, by mesne assignments, to The National Machinery Company, Tiffin, Ohio. Method of and apparatus for forging upset articles. 19,616; June 18.
- Stadt, Henry M. (See Clayton, B. Kerrick, and Stadt.)
- Stahl-Urban Company. (See Schmidt, F. A., and Kramer, assignors.)
- Standard Equipments, Inc. (See Greenwood, Richard F., assignor.)
- Standard Oil Company. (See Wilson, Robert E., assignor.)
- Standard Register Company, The. (See Sherman, John Q., assignor.)
- Stapling Machines Co. (See Babcock, Guilford C., assignor.)
- Stebler, Fred, Riverside, Calif., assignor to Food Machinery Corporation, San Jose, Calif. Apparatus for treating fruit. 19,769; Nov. 26.
- Stephenson, Arlington W., assignor, by mesne assignments, to The Fax Company, San Francisco, Calif. Mercury printing apparatus and process. Re19,489; Mar. 5.
- Stevens Metal Products Company, The. (See Harm, G. O., and McBride, assignors.)
- Stirn, F. & A., Corporation. (See Stirn, Ferdinand R., assignor.)
- Stirn, Ferdinand R., Pelham, assignor to F. & A. Stirn Corporation, New York, N. Y. Ornamented felt and felt material. Re19,421; Jan. 8.
- Stockard, Robert L., Nashville, Tenn., assignor to E. V. Camp, Atlanta, Ga. Highway guard fence. 19,676; Aug. 20.
- Stokely, Ray L., Floral Park, assignor to Belle Telephone Laboratories, Incorporated, New York, N. Y. Telephone exchange system. Re19,491; Mar. 5.
- Stone, Jesse, Pittsburgh, Pa., assignor to Economy Fuse and Manufacturing Company, Chicago, Ill. Safety fuse device. 19,584; May 21.
- Stowell, Howard E. (See Benner, R. C., and Stowell.)
- Sturtevant, B. F., Company. (See Anderson, Samuel M., assignor.)
- Sturtevant, B. F., Company. (See Davis, Jesse H., assignor.)
- Superheater Company, The. (See Armacost, Wilbur H., assignor.)
- Swayne, Robinson & Company. (See Jahraus, Harold A., assignor.)
- Tecamdyne Corporation. (See Flanzer, J. A., Jones, and Reisman, assignors.)
- Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Pressure reducing valve. 19,540; Apr. 16.
- Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Pressure reducing and regulating valve. 19,545; Apr. 23.
- Textile Machine Works. (See Gastrich, Gustav, assignor.)
- Thomas, Thomas H., Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake device. Re19,420; Jan. 8.
- Thompson, Alfred P. (See Benner, R. C., and Thompson.)
- Thwaits, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Separable compartment tank. Re19,472; Feb. 19.
- Tiefel, Charles G. (See Bohrer, R. E., Payne, and Tiefel.)
- Tile-Text Company, The. (See Heppes, George P., assignor.)
- Timken Silent Automatic Company, The. (See Powers, Milton A., assignor.)
- Todd Company, The. (See Bohrer, R. E., Payne, and Tiefel, assignors.)
- Toepfer, George O., Milwaukee, Wis. Humidifier. 19,546; Apr. 23.
- Toewe, Fritz, Villingen, Germany, assignor, by mesne assignments, to Kienzle Taxameter und Apparate A. G., Villingen, Germany. Self starting synchronized motor drive means for clocks. Re19,481; Feb. 26.
- Trans-Lux Daylight Picture Screen Corporation. (See Ward, Joshua, assignor.)
- Treiber, Otis D., assignor to Hercules Motors Corporation, Canton, Ohio. Compression ignition internal combustion engine. 19,742; Oct. 22.
- Tremont Products Corporation. (See Smith, Raymond D., assignor.)
- Triploll Manufacturing Company. (See Ireland, Lewis J., assignor.)
- Troccoli, Achille, Belmont, Mass., assignor to The Charles Arnao Company, Inc., Minneapolis, Minn. Hair drying machine. 19,726; Oct. 15.
- Truscon Steel Company. (See Schulz, Walter F., assignor.)
- Tubus, A. G. (See Singer, Fritz, assignor.)
- Tutte, Malcolm H., New Rochelle, assignor to Max B. Miller & Co. Inc., New York, N. Y. Separation of mineral oil. 19,763; Nov. 19.
- Underwood, Carl M., Washington, D. C., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for coating strands. 19,758; Nov. 12.
- Union Switch & Signal Company, The. (See Baughman, George W., assignor.)
- Union Switch & Signal Company, The. (See Vantassel, Harry C., assignor.)
- United Autographic Register Company, The. (See Euth, John E., assignor.)
- United-Carr Fastener Corporation. (See Kimbell, Arthur W., assignor.)
- United Lens Corporation. (See Miller, Herbert W., assignor.)
- United States Rubber Company. (See McGavack, John, assignor.)
- Utilities Service Company. (See Miller, Herbert E., assignor.)
- Valls, Aurelio, London, England. Water heating and infusion apparatus. 19,566; May 7.
- Van Dresser, Huntington, Memphis, Tenn., assignor to W. van Dresser, Lincolnton, N. C. Window guard. 19,617; June 18.
- Van Dresser, William. (See van Dresser, Huntington, assignor.)
- Van Dyke Textigraph Corp. (See Van Dyke, William D., assignor.)
- Van Dyke, William D., assignor to Van Dyke Textigraph Corp., Chattanooga, Tenn. Apparatus for tufting fabrics. 19,541; Apr. 16.
- Vantassel, Harry C., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. Re19,457; Feb. 12.
- Vapor Car-Heating Company. (See Russell, E. A., Parks, and Smith.)
- Velut, Ren , Asnieres, France. Ice machine. 19,699; Sept. 10.
- Victor Metal Products Corporation. (See Prussing, Walter, assignor.)
- Wach, Hans, Kilchberg-Zurich, Switzerland. Combined reciprocating engine and turbine. 19,715; Sept. 24.
- Wagner Electric Corporation. (See Dick, B., and Schnell, assignors.)
- Walker, James P., Maywood, assignor to Solar-Sturges Mfg. Co., Melrose Park, Ill. Milk can and making the same. Re19,443; Jan. 22.
- Ward, Joshua, Summit, N. J., assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Method and apparatus for feeding tape and projecting images therefrom. 19,670; Aug. 13.

Warner, Arthur P., and A. B. Cadman, Beloit, Wis., assignors to Warner Electric Brake Corporation, South Beloit, Ill. Vehicle brake. Re19,430; Jan. 15.
 Warner Electric Brake Corporation. (See Warner, A. P. and Cadman, assignors.)
 Weaver, Brenton B., Montreal, Quebec, Canada, assignor to Bagpak, Inc. Multi-ply bag. 19,803; Dec. 31.
 Webb, William E., Minneola, Fla. Vehicle steering wheel. Re19,509; Mar. 26.
 Weber Costello Co. (See Lawton, Robert B., assignor.)
 Welding Service, Inc. (See Frickey, Royal E., assignor.)
 Welk, Nelson S. (See Rutkoskie, G. A., and Welk.)
 Western Electric Company. (See Hague, A. E., and Draper, assignors.)
 Western Electric Company, Incorporated. (See Lamplough, Leslie F., assignor.)
 Western Electric Company. (See Skillman, Thomas S., assignor.)
 Western Electric Company. (See Underwood, Carl M., assignor.)
 Western Union Telegraph Company, The. (See Cannon, W. D. and Milnor, assignors.)
 Western Union Telegraph Company, The. (See Milnor, Joseph W., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Baum, Frank G., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Sparkes, Harry P., assignor.)
 Weston Electrical Instrument Corporation. (See Lederer, Karl M., assignor.)
 Wexelberg, Clarence, Detroit, Mich., assignor, by mesne assignments, to General Household Utilities Company, Chicago, Ill. Refrigerator cabinet. 19,618; June 18.
 Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Volume control. 19,744; Oct. 29.
 Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Turret index and suction control for cigar machines. 19,677; Aug. 20.
 Whitehead & Kales Company. (See Judd, Irving H., assignor.)
 Whittin Machine Works. (See Jessen, John A., assignor.)
 Wiegand, Edwin L., Pittsburgh, Pa. Forming electrical heating elements. 19,567; May 7.
 Wilkening, Frederick W. (See Platt, Haviland H., assignor.)
 Williams, Edward T., Pelham Manor, N. Y. Refrigeration apparatus. 19,595; May 28.

Williams, Edward T., Pelham Manor, N. Y. Refrigeration apparatus. 19,700; Sept. 10.
 Williams, George N., assignor to Continental Steel Corporation, Kokomo, Ind. Machine for welding metallic articles. 19,542; Apr. 16.
 Williams Oil-O-Matic Heating Corporation. (See Williams, Walter W., assignor.)
 Williams, Walter W., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Liquid fuel feeding device and safety mechanism in connection therewith. 19,573; May 21.
 Wills, Christian A. (See Pollock, P., and Wills.)
 Wilson, Robert E., Chicago, Ill., assignor to Standard Oil Company, Whiting, Ind. Heat exchanger. 19,701; Sept. 10.
 Winchester, Frank U. and J. H. Hunt, assignors to Motor Wheel Corporation, Lansing, Mich. Nut and cup washer assembly. Re19,492; Mar. 5.
 Winget, Nell F., Minneapolis, Minn. Guard for shoe heels. 19,543; Apr. 16.
 Wittmann, Marie, New York, N. Y. Toy nursing bottle. 19,649; July 16.
 Woelm, Max, Spangenberg, near Kassel, Germany, assignor, by mesne assignments, to Novocol Chemical Mfg. Co. Inc., Brooklyn, N. Y. Production of anesthetic solutions. 19,608; June 11.
 Wood, Sydney M., Lake Bluff, Ill. Jetty. 19,786; Dec. 10.
 Wright, David C., assignor to Electric Controller & Manufacturing Company, Cleveland, Ohio. Motor control system. 19,547; Apr. 23.
 Wright, Walker S., et al. (See Malcom, H. L., and Harker, assignors.)
 Yagle, Theodore F., Philadelphia, Pa., assignor to Radio Corporation of America, New York, N. Y. Projection screen. 19,574; May 21.
 Young, John, deceased, Los Angeles, Calif., by J. Warren McClatchie, Los Angeles, Calif., assignee. Combination drilling valve and blow-out preventer. 19,684; Aug. 27.
 Zap Development Company. (See Zaparka, Edward F., assignor.)
 Zaparka, Edward F., Coraopolis, Pa., assignor to Zap Development Company, New York, N. Y. Aircraft and control thereof. Re19,412; Jan. 1.
 Zerbe, Lewis E., Moneta, Calif., assignor, by mesne assignments, to The National Superior Company, Toledo, Ohio. Rotary machine. Re19,510; Mar. 26.
 Zitscher, Arthur. (See Laska, A. L., and Zitscher.)

LIST OF PLANT PATENTEES

Amling, Martin C., assignor to Amling Rose Company, Parna, Ill. Hybrid tea rose. 144; Oct. 29.
 Amling Rose Company. (See Amling, Martin C., assignor.)
 Armstrong Nurseries. (See Robertson, Roy, assignor.)
 Ater, James M., Chula Vista, Calif. Sport of citrus fruit. 142; Oct. 1.
 Barrows, Earle M., Minneapolis, Minn. Agrostis stolonifera. 143; Oct. 1.
 Baur, Adolphe F. J., assignor to Baur-Stenkamp and Company, Incorporated, Indianapolis, Ind. Carnation. 133; Aug. 13.
 Baur, Adolphe F. J., assignor to Baur-Stenkamp and Company, Incorporated, Indianapolis, Ind. Scarlet carnation. 148; Nov. 19.
 Baur-Stenkamp and Company. (See Baur, Adolphe F. J., assignor.)
 Bobbink, Lambertus C., East Rutherford, N. J. Azalea. 145; Nov. 5.
 Bobbink, Lambertus C., East Rutherford, N. J. Azalea. 146; Nov. 5.
 Bobbink, Lambertus C., East Rutherford, N. J. Azalea. 147; Nov. 5.
 Buntings' Nurseries et al. (See Hartman, Edgar W., assignor.)
 Burpee, David, Bucks County, assignor to W. Atlee Burpee Company, Philadelphia, Pa. Nasturtium. 141; Sept. 17.
 Burpee, W. Atlee, Company. (See Burpee, David, assignor.)
 Byers, Donald S., Clyde, Ohio. Peach tree. Pl. Pt. 120; Jan. 15.
 Byrum, Roy L., assignor to Joseph H. Hill Company, Richmond, Ind. Rose. 154; Dec. 3.
 Byrum, Roy L., assignor to Joseph H. Hill Company, Richmond, Ind. Rose. 155; Dec. 3.
 Byrum, Roy L., assignor to Joseph H. Hill Company, Richmond, Ind. Rose. 156; Dec. 3.
 Catron, Robert L., assignor to Joseph H. Hill Company, Richmond, Ind. Rose. 157; Dec. 3.
 Champness, Edward, Arvin, assignor to Earl Fruit Company, San Francisco, Calif. Peach variety. 161; Dec. 17.
 Conard-Pyle Company, The. (See Fitzhardinge, Olive R., assignor.)
 Conard-Pyle Company, The. (See Mallerin, Charles C., assignor.)
 Dixie Rose Nursery. (See Nicolas, Jean H., assignor.)
 Dreer, Henry A., Incorporated. (See Howard, Frederick H., assignor.)
 Earl Fruit Company. (See Champness, Edward, assignor.)

Elmer, Walter M., assignor to A. J. Elmer, San Jose, Calif. Rose. Pl. Pt. 117; Jan. 15.
 Fillow, Stanley B., and J. H. Sniffen, Westport, Conn. Pansy. Pl. Pt. 123; Feb. 26.
 Fitzhardinge, Olive R., Warrawee, New South Wales, Australia, assignor to The Conard-Pyle Company, West Grove, Pa. Rose. 140; Sept. 17.
 Frey, Alois, San Fernando, Calif. Freesia (Red). 128; July 30.
 Grullemans, John J., Palmesville, assignor to The Wayside Gardens Company, Mentor, Ohio. Phlox. Pl. Pt. 118; Jan. 15.
 Harrisons' Nurseries, Inc. et al. (See Hartman, Edgar W., assignor.)
 Hartman, Edgar W., Cashtown, Pa., assignor of one-fourth to Buntings' Nurseries, Selbyville, Del., one-fourth to Waynesboro Nurseries, Inc., Waynesboro, Va., and one-fourth to Harrison's Nurseries, Inc., Berlin, Md. Apple. 125; May 28.
 Hass, Rudolph G., La Habra Heights, Calif. Avocado. 139; Aug. 27.
 Hill, Joseph H., Company. (See Byrum, Roy L., assignor.)
 Hill, Joseph H., Company. (See Catron, Robert L., assignor.)
 Hillock, Verne S., near Arlington, Tex. Rose. 159; Dec. 10.
 Horvath, Michael H., Mentor, Ohio, assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 152; Dec. 3.
 Howard, Frederick H., Montebello, Calif., assignor to Henry A. Dreer, Incorporated, Philadelphia, Pa. Rose. 149; Nov. 26.
 Howard, Frederick H., Montebello, Calif., assignor to Henry A. Dreer, Incorporated, Philadelphia, Pa. Rose. 158; Dec. 3.
 Jackson & Perkins Company. (See Horvath, Michael H., assignor.)
 Jackson & Perkins Company. (See Leenders, Matthias, assignor.)
 Jackson & Perkins Company. (See Nicolas, Jean H., assignor.)
 Kaucher, Ruth, Newtown, Pa. Rose. Pl. Pt. 121; Feb. 19.
 Leenders, Matthias, Steyl-Tegelen, Netherlands, assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 138; Aug. 27.
 Lowman, Abner M., assignor to United States Cut Flower Co., Elmira, N. Y. Rose. 130; Aug. 13.
 Mallerin, Charles C., Vares, France, assignor to The Conard-Pyle Company, West Grove, Pa. Rose. 129; July 30.

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- Mohn, Pearl C., Anaheim, Calif. Orange tree. Pl. Pt. 124; Mar. 5.
 Montgomery Company, The. (See Muller, Richard T., assignor.)
 Muller, Richard T., Amherst, assignor to The Montgomery Company, Incorporated, Hadley, Mass. Rose. 150; Nov. 26.
 Nicolas, Jean H., assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 131; Aug. 13.
 Nicolas, Jean H., assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 132; Aug. 13.
 Nicolas, Jean H., assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 136; Aug. 20.
 Nicolas, Jean H., assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 137; Aug. 20.
 Nicolas, Jean H., assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 153; Dec. 3.
 Nicolas, Jean H., Newark, N. Y., assignor to Dixie Rose Company, Tyler, Tex. Rose. 160; Dec. 10.
 Robertson, Roy, Redlands, assignor to Armstrong Nurseries, Ontario, Calif. Orange tree. 126; May 28.
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- Tanner, Clair D., Holland, N. Y. Rose. 151; Nov. 26.
 Thomas, George C., Jr., deceased, by J. M. T. Gardner, and G. C. Thomas, 3d, executors, Beverly Hills, assigns to Armstrong Nurseries, Ontario, Calif. Variety of rose. Pl. Pt. 122; Feb. 19.
 United States Cut Flower Co. (See Lowman, Abner M., assignor.)
 Waynesboro Nurseries, Inc. et al. (See Hartman, Edgar W., assignor.)
 Wilkinson, Edwards G., Naples, Fla. Mango. Pl. Pt. 119; Jan. 15.
 Witterstaetter, R., Carnation Company. (See Witterstaetter, Richard, assignor.)
 Witterstaetter, Richard, deceased, Cincinnati, Ohio, by R. C. Witterstaetter, executor, assignor to R. Witterstaetter Carnation Company, Cincinnati, Ohio. Carnation variety. 127; June 4.
 Witterstaetter, Richard C., executor. (See Witterstaetter, Richard.)
 Wolfe, Thomas J., Waco, Tex. Rose. 134; Aug. 20.
 Wolfe, Thomas J., Waco, Tex. Rose. 135; Aug. 20.
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LIST OF PATENTEES

- A. B. See Elevator Company. (See Nyburg, Richard L., assignor.)
A-B Stove Company. (See Reedy, Alfred J., assignor.)
A-B Stove Company. (See Reedy, A. J., and Smith, assignors.)
A. B. A. Specialties Company. (See Fridolph, Annette, assignor.)
A. B. A. Specialties Company. (See Lang, Rudolph C., assignor.)
A C Spark Plug Company. (See Babitch, A. M., and Harry, assignors.)
A. J. & K. Company, The. (See Janer, Andre, assignor.)
A/S Elektrisk Bureau. (See Kvaal, Albert, assignor.)
A and Z Chain Company. (See Johnson, Sylvester A., assignor.)
Aagaard, Birger, Trondhjem, Norway. Vertical card index cabinet. 2,006,288; June 25.
Aalborg, Christian. (See Conrad, F., and Aalborg.)
Aamot, Sven, and A. E. Olsen, Chicago, Ill. Resetting device for registers. 2,020,225; Nov. 5.
Aaron, Harry. (See Andrews, A. M., and Aaron.)
Aaronsen, Harry B. (See Allerton, W. H., and Aaronson.)
Aarts, Christianus J. G., Voorburg, and J. A. A. Mekel, Delft, assignors to Naamlooze Vennootschap Smeltbor-ing, Rotterdam, Netherlands. Making bore holes. 1,993,641; Mar. 5.
Aarts, Christianus J. G., Voorburg, and J. A. A. Mekel, Delft, assignors to Naamlooze Vennootschap Smeltbor-ing, Rotterdam, Netherlands. Apparatus for making bore holes. 1,993,642; Mar. 5.
Abadie, Lucien F. (See Field, Frank O., assignor.)
Abadjieff, Ivan V., Auburn, assignor to Leland-Gifford Company, Worcester, Mass. Igniting device for oil burners. 2,005,065; June 18.
Abadjieff, Ivan V., Auburn, assignor to Leland-Gifford Company, Worcester, Mass. Oil supply apparatus for oil burners. 2,005,066; June 18.
Abbe, Paul O., Montclair, N. J. Jar mill. 2,020,091; Nov. 5.
Abboloid Novelty Co. (See Nagel, Armin H., assignor.)
Abbott, Adrian O., Jr., Grosse Pointe Park, assignor to Morgan & Wright, Detroit, Mich. Tire shaping machine. 1,986,092; Jan. 1.
Abbott, Adrian O., Jr., Grosse Pointe Park, and C. M. Sloan, Detroit, Mich., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Testing apparatus for tires. 2,010,049; Aug. 6.
Abbott, Albert L. (See Miller, W. C., and Abbott.)
Abbott, Albert L., and W. C. Miller, assignors to Diebold Safe & Lock Co., Canton, Ohio. Money drawer and safety locker. 2,020,865; Nov. 12.
Abbott, Carroll B. (See Elgholz, Paul H., assignor.)
Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Manufacturing electric heating units. 1,991,591; Feb. 19.
Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Electric terminal connection and making the same. 1,993,580; Mar. 5.
Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Electric heater. 2,009,979; July 30.
Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Electrical heating unit. 2,009,980; July 30.
Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Electric heater. 2,026,412; Dec. 31.
Abbott, Charles C., Auburn, and L. A. Gilbert, Lewiston, Maine. Machine for removing shoes from lasts. 2,026,411; Dec. 31.
Abbott Company, The. (See Wiggin, Daniel W., assignor.)
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Strand manipulating machine. 1,993,909; Mar. 12.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Winding machine. 1,993,910; Mar. 12.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Winding machine. 1,994,455; Mar. 19.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Winding machine. 1,995,730; Mar. 26.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Spinning apparatus. 2,020,757; Nov. 12.
Abbott, Edward J., Wilton, assignor to Abbott Machine Company, Wilton, N. H. Textile mechanism. 2,026,154; Dec. 31.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Textile machinery. 2,026,155; Dec. 31.
Abbott, Geoffrey J., Clapham, London, England. Apparatus for feeding forward strip or like material particularly for tensioning bale and other ties. 1,988,534; Jan. 22.
Abbott, Geoffrey J., London, England. Machine for cutting potatoes or other objects into chips or slices. 2,004,548; June 11.
Abbott, Ira R., Pensacola, Fla. Automobile top. 2,023,188; Dec. 3.
Abbott Laboratories. (See Carter, Edgar B., assignor.)
Abbott Laboratories. (See Raiziss, G. W., and Kremens, assignors.)
Abbott Laboratories. (See Tabern, D. L., and Hansen, assignors.)
Abbott Machine Company. (See Abbott, Edward J., assignor.)
Abbott, Scott M., Chicago, Ill. Gas cartridge firing device. 2,001,405; May 14.
Abbott, Scott M., assignor to Crane Packing Company, Chicago, Ill. Dispensing attachment for cans. 2,001,481; May 14.
Abbott, Thomas A., Marblehead, and H. A. Bakke, Swampscott, Mass., assignors to General Electric Company. Meter casing. 1,995,878; Mar. 26.
Abbotts, Leonard, assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Applicator. 2,021,397; Nov. 19.
Abdelnour, Dmitri C., Port Chester, assignor to D. A. & H. Corporation, New York, N. Y. Wiper. 2,009,377; July 30.
Abdelnour, Dmitri C., Port Chester, assignor to D. A. & H. Corporation, New York, N. Y. Connecting device. 2,018,338; Oct. 22.
Abegg, Walter A., assignor of one-half to B. Reinhold, Los Angeles, Calif. Light weight slip. 2,010,938; Aug. 13.
Abel, Adolf, Duisberg, Germany. Device for measuring lengths of cloth and similar material. 2,022,451; Nov. 26.
Abel, Emil G. L., assignor to Brander Farbwerke Chemische Fabrik Gesellschaft mit Beschränkter Haftung, Brand-Erbisdorf, Germany. Production of silico fluorides. 2,005,488; June 18.
Abel, Walter J., Vancouver, British Columbia, Canada. Speedometer. 1,992,563; Feb. 26.
Abele, Richard P. (See Vandever, James R., assignor.)
Abele, Theodore J., assignor to Stuber & Kuck Co., Peoria, Ill. Receptacle. 2,001,445; May 14.
Abell, George H. (See Wheelwright, J. S. and Abell.)
Abell, Henry C., Interlaken, N. J. Locking device for nuts, screws, bolts, and the like. 2,001,645; May 14.
Abelson, Israel B., New York, N. Y. Leggings or ski pants. 2,020,984; Nov. 12.
Abendroth, Elmer T., assignor to The Oakes Manufacturing Company, Inc., Tipton, Ind. Feed or water trough. 1,997,029; Apr. 9.
Abendroth, Karl W., assignor to General Railway Signal Company, Rochester, N. Y. Testing device and method for signal light reflectors. 2,001,660; May 14.
Abendroth, Otto A., Appleton, Wis. Wire fabric seam. 2,025,491; Dec. 24.
Aberle, H. C., Company. (See Aberle, Harry C., Jr., assignor.)
Aberle, Harry C., Jr., assignor to H. C. Aberle Company, Philadelphia, Pa. Package for stockings. 1,992,799; Feb. 26.
Aberle, Harry C., Jenkintown, assignor to H. C. Aberle Company, Philadelphia, Pa. Fabric gripper. 1,992,850; Feb. 26.
Abernathy, Clyde G., Hornell, N. Y. Road spreader. 1,994,082; Mar. 12.
Abernathy, Herless B., McCook, Nebr. Commutator brush release. 1,986,093; Jan. 1.
Abernathy, Alfred A. (See Beulke, G. W., and Abernathy.)
Abernathy, David, Philadelphia, Pa. Weatherstripping. 2,004,969; June 18.
Abitsch, George, San Francisco, Calif. Duplex stand. 2,001,646; May 14.
Ablott, Ralph E. (See Rapp, H. B., and Ablott.)
Abraham, Leonard G., Madison, and D. Mitchell, Bound Brook, N. J., assignors to American Telephone and Telegraph Company. Telephone repeater. 1,997,245; Apr. 9.
Abraham, Leonard G., Madison, and D. Mitchell, Bound Brook, N. J., and R. S. Hawkins, Ozone Park, N. Y., assignors to American Telephone and Telegraph Company. Measurement of return loss. 2,017,175; Oct. 15.
Abraham, Manfred, Berlin, Germany. Electrically heated sterilizing and cooling apparatus adapted to be used as an ice box. 2,015,775; Oct. 1.
Abraham, Lloyd M., Mill Valley, Calif., assignor, by mesne assignments, to H. H. Doe, Phoenix, Ariz. Roofing. 2,013,330; Sept. 3.
Abraham, William E. V., Khodoug, British India, assignor to The Burmah Oil Company Limited, Glasgow, Scotland. Bore hoie survey apparatus. 1,987,522; Jan. 8.
Abrahamsen, Alfred, and J. E. Hansen, Lillesand, Norway. Manufacturing impregnated textile belting. 2,005,407; June 18.
Abrams, Albert A., St. Louis, Mo. Combination ball pick-up and driver. 1,993,911; Mar. 12.
Abrams, Allen, Wausau, P. L. Anthony, Neenah, G. J. Brabender, Wausau, and W. H. Graebner, Neenah, assignors to Marathon Paper Mills Company, Rothschild, Wis. Laminated sheet material. 1,986,954; Jan. 8.

- Abrams, Harry, assignor of one-fourth to M. Garfinkle, Washington, D. C. Heel clamping device for women's footwear. 1,990,395; Feb. 5.
- Abrams, Irving, New York, N. Y. Garment. 2,021,711; Nov. 19.
- Abrams, John M., New York, N. Y. Can. 2,002,072; May 21.
- Abrams, Victor R., Brunswick, Ga., assignor to Sulfo Corporation of America. Suspension for lubrication and other purposes. 2,007,137; July 2.
- Abrams, Victor R., Brunswick, Ga., and C. A. Hochwalt, Oakwood, Ohio, assignors to Sulfo Corporation of America, Boston, Mass. Lubricant mixture. 2,016,532; Oct. 8.
- Abramson, Alexander, and P. Novák, Prague, Czechoslovakia. Combined brake and throttle control mechanism. 2,020,758; Nov. 12.
- Abramson, John H., assignor to Greenlee Bros. & Co., Rockford, Ill. Impact testing machine and method. 2,001,087; May 14.
- Abramson, John H., and E. C. Swanson, assignors to Greenlee Bros. & Co., Rockford, Ill. Portable press. 1,986,493; Jan. 1.
- Abramson, John H. and E. C. Swanson, assignors to Greenlee Bros. & Co., Rockford, Ill. Flange forming machine. 2,016,735; Oct. 8.
- Abrell, Richard T., and J. E. Hopping, Dayton, assignors, by mesne assignments, to Central United National Bank, Cleveland, Ohio. Tell tale counter. 1,993,428; Mar. 5.
- Abshagen, Franz, Berlin, Germany, assignor to General Electric Company. Electric discharge device. 2,009,215; July 23.
- Absteimer, Carl, La Grange Park, assignor to United States Gypsum Company, Chicago, Ill. Apparatus for feeding plaster board into a drying kiln. 2,000,269; May 7.
- Accessories Company, The. (See Sakier, George, assignor.)
- Accetta, Anthony C., Cleveland, Ohio. Fish lure. 2,000,734; May 7.
- Accounting & Tabulating Corporation of Great Britain Limited, The. (See Brougham, Leslie E., assignor.)
- Accounting & Tabulating Corporation of Great Britain, Limited, The. (See English, Francis G. S., assignor.)
- Accumulator Aktiebolaget Leif Nobel. (See Hjelmblad, Karl W. J., assignor.)
- Ace Racket Stringers (Worlds Rights) Limited. (See Proctor, James H., assignor.)
- Acer, Donald W. and H. A. Medina, N. Y., said D. W. Acer assignor to said H. A. Acer. Distributor for powdered substances. 1,989,222; Jan. 29.
- Acer, Herbert A. (See Acer, Donald W. and H. A.)
- Aceta G. m. b. H. (See Schlack, Paul, assignor.)
- Aceves, Julius G., and E. V. Amy, New York, assignor to Amy, Aceves & King, Inc., New York, N. Y. Radio receiving system. 2,002,844; May 28.
- Achauer, Charles V. (See Roberts, J. H., and Achauer.)
- Acheson, Irvine R. (See Van Wyk, P., and Acheson.)
- Achille, Marco D., et al. (See Foti, Charles, assignor.)
- Achor, Charles T., Warsaw, Ind. Fly swatter. 2,014,364; Sept. 17.
- Achson, Marcus A., Schenectady, N. Y., assignor to General Electric Company. Electric power converting apparatus. 1,999,013; Apr. 23.
- Acieries De Gennevilliers. (See Marthourey, Paul P., assignor.)
- Acieries de Gennevilliers, Anciens Etablissements Delachaux. (See Delachaux, Clarence L., assignor.)
- Ackell, Joseph J., Bellaire, Long Island, and H. L. Paulding, Port Washington, N. Y., assignors to The Financial Press Companies of America, Boston, Mass. Telegraphic printing control method and apparatus. 2,017,087; Oct. 15.
- Ackenbrack, James L., Woodlyn, Pa., assignor to O. W. Ketcham. Building construction. 2,011,510; Aug. 13.
- Acker, George H., assignor to The Cleveland Worm and Gear Company, Cleveland, Ohio. Worm gear reduction unit. 1,995,288; Mar. 26.
- Acker, George J., assignor to E. N. Rowell Co., Inc., Batavia, N. Y. Container. 2,012,942; Sept. 3.
- Ackerman, Albert H., assignor to The Studebaker Corporation, South Bend, Ind. Resilient pad. 2,021,825; Nov. 19.
- Ackerman-Blaesser-Fezzey, Inc. (See Zwierzina, Alois J., assignor.)
- Ackerman, Edward, Woodmere, N. Y. Suppository holder. 2,017,334; Oct. 15.
- Ackerman, Frank, New York, and H. Gould, Brooklyn, N. Y. Work guide and withdrawal regulator for stamping machines. 2,022,365; Nov. 26.
- Ackerman, James E., Devon, and F. M. Card, Bridgeport, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Work folding and guiding device for sewing machines. 1,987,384; Jan. 8.
- Ackerman, Paul C., Detroit, Mich., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing construction. 2,010,050; Aug. 6.
- Ackerman, William, Towners, N. Y., assignors to Mergenthaler Linotype Company. Tape perforating machine. 2,002,516; May 28.
- Ackerman, William, Towners, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,007,951; July 16.
- Ackerman, William, Towners, N. Y., assignor to Mergenthaler Linotype Company. Line composing machine. 2,019,168; Oct. 29.
- Ackermann, Franz. (See Graenacher, C., and Ackermann.)
- Ackermann, Hugo, Bonn-on-the-Rhine, Germany. Gas burner. 1,998,300; Apr. 16.
- Ackermans, John W. J., Detroit, Mich. Vehicle body construction. 2,020,346; Nov. 12.
- Ackles-Hornkohl Company. (See Ackles, Virgil E., assignor.)
- Ackles, Virgil E., assignor to Ackles-Hornkohl Company, Chicago, Ill. Icing mechanism. 2,026,203; Dec. 31.
- Ackley, Ervin L., assignor to John Bath & Company, Worcester, Mass. Truing device. 2,006,783; July 2.
- Ackley, Frederick E., Schenectady, N. Y., assignor to General Electric Company. Electric furnace regulator system. 2,008,537; July 16.
- Ackley, Raymond E., assignor to R. R. Donnelley & Sons Company, Chicago, Ill. Adhesive-applying mechanism. 1,986,039; Jan. 1.
- Ackley, Raymond E., assignor to R. R. Donnelley & Sons Co., Chicago, Ill. Flat wrapping machine. 2,018,432; Oct. 22.
- Acme Air Appliance Company. (See Carliss, Albert E., assignor.)
- Acme Card System Company. (See Gast, Edward C., Jr., assignor.)
- Acme Knitting Machine & Needle Company. (See Currier, Arthur, assignor.)
- Acme Knitting Machine & Needle Company. (See Stewart, Albert E., assignor.)
- Acme Machinery Company, The. (See Lamprecht, Merle W., assignor.)
- Acme Rayon Corporation. (See Huttinger, Charles A., assignor.)
- Acme Shear Company, The. (See Lincoln, Alden A., assignor.)
- Acme Sheet Metal Works. (See Suhr, Herman, assignor.)
- Acme Steel Company. (See Childress, William C., assignor.)
- Acme Steel Company. (See Horvath, Lad. G., assignor.)
- Acme Steel Company. (See MacChesney, Chester M., assignor.)
- Acme Steel Company. (See Paxton, Hale, assignor.)
- Acme Steel Company. (See Smith, Walter W., assignor.)
- Acme Steel Company. (See Wilson, Allen B., assignor.)
- Acme Steel & Malleable Iron Works, Inc. (See Parker, Frank O., assignor.)
- Acme Weaving Mills, Inc. (See Bullard, Eilerslie W., assignor.)
- Acousti-Letric Company. (See Loar, Lloyd A., assignor.)
- Actiengesellschaft Joh. Jacob Rieter & Cie. (See Knobel, Peter, assignor.)
- Activated Alum Corporation. (See Tippins, Benjamin F., assignor.)
- Activities Limited. (See Cone, F. H., and Houder, assignors.)
- Acton, Russel D., Chicago, Ill. Dual wheel. 1,999,028; Apr. 23.
- Adair, George P., San Antonio, Tex. Volume control system. 2,010,002; Aug. 6.
- Adam, Folger, Joliet, Ill. Jail lock and the like. 2,015,095; Sept. 24.
- Adam, Frank, Electric Co. (See Green, Floyd S., assignor.)
- Adam, Heinrich, Worms-on-the-Rhine, assignor to Enzinger-Union-Werke Aktiengesellschaft, Pfeddersheim, near Worms, Germany. Device for inserting packing disks in bottle closures. 2,014,157; Sept. 10.
- Adam, Joe J., La Coste, Tex. Burner. 1,993,727; Mar. 12.
- Adamant Engineering Company, Limited. (See Matravers, Frederick G., assignor.)
- Adamčikas, Mykas (also known as M. Adamtchik), and G. Massera, London, England. Guide vane for rotary machines. 1,997,506; Apr. 9.
- Adamoli, Carlo. (See Panebianco, G., and Adamoli.)
- Adams, Alfred. (See Gall, Douglas G., assignor.)
- Adams, Alfred C., Detroit, Mich. Brake for motor-driven vehicles. 2,024,137; Dec. 17.
- Adams, Arthur H., Yonkers, N. Y. Wire enameling. 1,994,802; Mar. 19.
- Adams, Arthur H., Yonkers, assignor, by mesne assignments, to American Machine and Metals, Inc., New York, N. Y. Washing machine. 1,997,990; Apr. 16.
- Adams, Arthur H., Yonkers, N. Y., and P. M. Rainey, assignors to Combination Selector Company, Incorporated, Montclair, N. J. Tabulating and listing machine. 1,995,595; Mar. 26.
- Adams, Arthur J., Westbury, England. Atomizing device. 1,992,851; Feb. 26.
- Adams Brothers Incorporated, Ltd. (See Adams, Henry M., assignor.)
- Adams, Campbell V., Chicago, Ill. Power hammer. 2,000,908; May 14.
- Adams, Campbell V., Chicago, Ill. Power hammer. 2,004,180; June 11.
- Adams, Carl S., assignor of one-half to Clinton A. Glenn, Minneapolis, Minn. Train order delivery device. 2,015,985; Oct. 1.
- Adams, Charles A., Ellwood City, and G. F. Owens, Wayne Township, assignors to Mathews Conveyor Company, Ellwood City, Pa. Maching for knurling or forming teeth in axles. 2,006,332; July 2.
- Adams, Charles A., assignor to Mathews Conveyor Company, Ellwood City, Pa. Antifriction bearing. 2,023,718; Dec. 10.

- Adams, Charles F., New York, N. Y. Cup dropping machine. 2,002,213; May 21.
- Adams, Chester E., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Wax recovery. 1,998,747; Apr. 23.
- Adams, Chester E., and V. Voorhees, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Dewaxing mineral oils. 2,005,984; June 25.
- Adams, Clayton L., assignor of two-thirds to J. S. Francis and one-sixth to B. G. Francis, Jacksonville, Fla. Television apparatus. 2,024,790; Dec. 17.
- Adams, Edward M., Lexington, Ky., and W. C. Gangloff and G. G. Spencer, assignors to The Drackett Chemical Company, Cincinnati, Ohio. Composition for cleaning oil wells. 2,010,800; Aug. 13.
- Adams, Elmer W., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Insect repellent. 2,000,004; May 7.
- Adams, Frank E., Lower Bebington, and L. F. Gee, Great Crosby, England. Machine for making sheet metal containers. 1,990,579; Feb. 12.
- Adams, Frank E., El Dorado, Kans. Current shut-off mechanism. 2,018,590; Oct. 22.
- Adams, Frank H., Cleveland Heights, assignor to The Cleveland Hobbing Machine Company, Cleveland, Ohio. Turning machine. 2,016,570; Oct. 8.
- Adams, Frederick W., Stoneham, Mass., and G. S. Witham, Jr., Lincoln, N. H. Pulp digesting method and system. 1,991,365; Feb. 19.
- Adams, Geoffrey F., Winchmore Hill, London, R. W. Douglas, Wembley, and J. H. Partridge, High View, Pinner, England. Refractory glass. 2,010,836; Aug. 13.
- Adams, George F., Kokomo, Ind. Sanitary seat lid for water closet bowl seats. 1,999,555; Apr. 30.
- Adams, Guy S. (See Burnett, F. C., and Adams.)
- Adams, Harold C., Seattle, Wash. Volatile deodorant heater. 1,988,617; Jan. 22.
- Adams, Harry. (See Coffey, J. R., and Adams.)
- Adams, Henry M., assignor to Adams Brothers Incorporated, Ltd., Los Angeles, Calif. Meter coupling. 1,997,845; Apr. 16.
- Adams, J. D., Manufacturing Company. (See Cost, William A., assignor.)
- Adams, J. D., Manufacturing Company. (See Notvest, Robert, assignor.)
- Adams, James L., Jr., Youngstown, Ohio. Rolling-mill roll. 1,996,500; Apr. 2.
- Adams, James L., Jr., Youngstown, Ohio. Stream-line flow valve. 1,999,496; Apr. 30.
- Adams, James L., Jr., Youngstown, Ohio. Centrifugally-cast circular ingot. 2,005,175; June 18.
- Adams, James L., Jr., Youngstown, Ohio. Method and apparatus for welding. 2,005,329; June 18.
- Adams, James L., Jr., Youngstown, Ohio. Apparatus for transporting ingots. 2,009,127; July 23.
- Adams, James L., Jr., Youngstown, Ohio. Ingot transfer arm. 2,012,414; Aug. 27.
- Adams, James L., Jr., Youngstown, Ohio. Circular ingot heating furnace. 2,013,905; Sept. 10.
- Adams, James L., Jr., Youngstown, Ohio. Control valve. 2,015,055; Sept. 24.
- Adams, James L., Jr., Youngstown, Ohio. Canal lock. 2,021,345; Nov. 19.
- Adams, James L., Jr., Youngstown, Ohio. Centrifugal ring-ingot casting machine. 2,023,040; Dec. 3.
- Adams, James L., Jr., Youngstown, Ohio. Radio receiving apparatus. 2,024,902; Dec. 17.
- Adams, James L., Jr., assignor to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Induction heater. 1,987,458; Jan. 8.
- Adams, James L., Jr., Youngstown, Ohio, assignor, by mesne assignments, to Direct Current Welding Company. Method and apparatus for making welded articles. 1,997,272; Apr. 9.
- Adams, John H., Seattle, Wash. Dual carving fork. 2,007,237; July 9.
- Adams, John H., Seattle, Wash., assignor to Wallace H. Foster. Foldable screen for pipes. 2,010,708; Aug. 6.
- Adams, Joy C., Bridgeport, Conn., assignor to General Electric Company. Fuse for an electrically heated device. 2,022,531; Nov. 26.
- Adams, Kempton, Redding Ridge, Conn. Mixer. 1,991,833; Feb. 19.
- Adams, Leon D., El Paso, Tex. Water gate. 2,010,249; Aug. 6.
- Adams, Lytle S., New York, N. Y. Railway-airplane transfer apparatus. 1,992,800; Feb. 26.
- Adams, Lytle S., Chicago, Ill., assignor to C. K. Ernst, Buffalo, N. Y. Window guard and lock. 1,989,392; Jan. 29.
- Adams, Maude. (See Howe, Raymond F., assignor.)
- Adams, Maude, and R. F. Howe, New York, N. Y., and P. G. Nutting, Washington, D. C. Illuminating device. 2,006,820; July 2.
- Adams, Minor R. (See Lytton, C. L., Huffstickler, and Adams.)
- Adams, Philip, Ferris, Ontario, Canada. Two-way envelope. 2,012,075; Aug. 20.
- Adams, Raphael J., Chicago, Ill. Indicator for bottles. 2,006,616; July 2.
- Adams, Renard P., Buffalo, N. Y. Filter. 2,009,352; July 23.
- Adams, Richard, E., Moorestown, N. J. Playing cards. 2,000,812; May 7.
- Adams, Richard E., Moorestown, N. J. Packing liner. 2,020,226; Nov. 5.
- Adams, Richard E., Moorestown, N. J. Container. 2,020,227; Nov. 5.
- Adams, Ross T., R. S. Poole, and M. Raymer, assignors to Kellogg Company, Battle Creek, Mich. Packaging machine. 2,001,175; May 14.
- Adams, Russell U. and C. Hibbs, assignors to The Lawrence Glass Novelty Co., Sistersville, W. Va. Shearing machine for marble making machines or the like. 1,993,285; Mar. 5.
- Adams, Tredgert L., Owen Sound, Ontario, Canada. Differential gear for automotive vehicles. 2,017,577; Oct. 15.
- Adams, W. L. (See Bird, Len O., assignor.)
- Adams & Westlake Company, The. (See Warnke, Carl J., assignor.)
- Adams, William G., Richmond, Va. Safety razor. 1,996,736; Apr. 9.
- Adams, William J., Santa Cruz, Calif. Wagon scraper. 2,010,801; Aug. 13.
- Adams, William J., Fort Wayne, Ind. Grave marker. 2,017,335; Oct. 15.
- Adamski, Frank A., Lakewood, Ohio, assignor to National Carbon Company, Inc. Dry cell battery. 2,025,631; Dec. 24.
- Adamson, David H., Cranston, R. I. Book-binding. 1,995,596; Mar. 26.
- Adamson, James H., Larchmont, N. Y. Audience seat. 2,007,785; July 9.
- Adamson, Percy, Rye, assignor to United States Rubber Company, New York, N. Y. Knitted elastic surgical stocking and the like. 2,013,396; Sept. 3.
- Adamson, William A., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigment and preparing the same. 1,991,647; Feb. 19.
- Adamtchik, Michael (former name). (See Adamcik, M., and Massera.)
- Addressograph Company. (See Curtis, Franklin E., assignor.)
- Addressograph Company. (See Gollwitzer, Walter T., assignor.)
- Addressograph Company. (See Hartley, Emmett C., assignor.)
- Addressograph Company. (See Hubbard, Henry E., assignor.)
- Addressograph Company. (See Jackson, James P., assignor.)
- Addy, Charles W. (See Kinsella, E., and Addy.)
- Adelsperger, Charles C., assignor to Union City Body Company, Union City, Ind. Chair back. 1,994,162; Mar. 12.
- Adelstein, Herman L., Upland, Calif. Sink refuse scoop. 2,020,293; Nov. 12.
- Aden, John G., et al. (See Crannell, Charles W., assignor.)
- Adice Development Corporation. (See Jones, Charles L., assignor.)
- Adjusta Company. (See Hirsh, Fred, assignor.)
- Adjustable Scaffold & Form Company. (See McDill, Rex D., assignor.)
- Adkins, Theodore J., Barnsdall, Okla. Hook-off device for wells. 2,017,174; Oct. 15.
- Adlake Company, The. (See Hagerty, Andrew T., assignor.)
- Adlake Company, The. (See Hamm, William S., assignor.)
- Adlake Company, The. (See Hamm, W. S., and Sevison, assignors.)
- Adlake Company, The. (See Keller, Walter E., assignor.)
- Adlake Company, The. (See Larson, Carl H., assignor.)
- Adlake Company, The. (See Sevison, Harry D., assignor.)
- Adlake Company, The. (See Verhagen, Christian M., assignor.)
- Adlake Company, The. (See Wattman, George E., assignor.)
- Adler, Charles, Jr., Baltimore, Md. Street traffic signal. 1,995,816; Mar. 26.
- Adler, Charles, Jr., Baltimore, Md. Traffic signal. 2,015,612; Sept. 24.
- Adler, Frank, Brooklyn, N. Y. Drawing outfit. 1,997,287; Apr. 9.
- Adler, Herbert P. (See Ingram, R. L., and Adler.)
- Adler, Howard. (See Vanderbilt, B. M., and Adler.)
- Adler, Howard, and W. H. Woodstock, assignor to The Victor Chemical Works, Chicago Heights, Ill. Acid-containing package. 2,004,926; June 18.
- Adler, Lee E., Dallas, Tex. Voice current amplifier for long distance telephone lines. 1,996,267; Apr. 2.
- Adler, Leon, St. Louis, Mo. Miniature packet. 1,985,882; Jan. 1.
- Adler, Leon, St. Louis, Mo. Preparing butter. 1,986,783; Jan. 8.
- Adler, Louis, Great Neck, N. Y. Garment. 2,021,586; Nov. 19.
- Adler, Philip, Indianapolis, Ind., assignor of one-half to A. Hofmann, Inc., West New York, N. J., and one-half to J. A. Goodman, Indianapolis, Ind. Knitted article and producing same. 2,022,612; Nov. 26.
- Adler, Philip D., Kewanee, Ill. Communication system. 2,018,940; Oct. 29.
- Adler, Samuel. (See Dubitsky, S., Adler, Grieshaber, Dearcopp, and Wood.)
- Adolph, Gustav, Munich, and T. Pohl, assignors to Leichtbaustoff-Gesellschaft m. b. H., Frankfurt-on-the-Main, Germany. Manufacture of masses and articles having a porous cellular structure. 2,024,791; Dec. 17.

- Adriaan, Marie Johan Dreselhuys. (See Colle, Theodor, assignor.)
- Adrian, Emile, St. Michel-sur-Meurthe, France. Knot-forming mechanism. 2,000,504; May 7.
- Adridge, Thomas J., Turin, Italy, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,986,460; Jan. 1.
- Adsit, Charles G., Des Moines, Iowa. Valve structure. 2,015,915; Oct. 1.
- Adsit, Charles G., Des Moines, and G. W. Lewis, assignors to Grinnell Washing Machine Corporation, Grinnell, Iowa. Centrifugal drier. 1,997,621; Apr. 16.
- Adsit, Frank W., and A. J. Murray, Minneapolis, assignors of one-half to said Adsit, one-fourth to H. L. Fischer, St. Paul, Minn., and one-fourth to I. M. Madison, Indianapolis, Ind. Carton. 1,989,659; Feb. 5.
- Adt, Albert W., et al. (See Zeun, Louis H., assignor.)
- Adt, John B., et al. (See Zeun, Louis H., assignor.)
- Advance Machine Company. (See Gebert, A. E., and Richardson, assignors.)
- Advance Machine Company. (See Richardson, M. H., and Gebert, assignors.)
- Advertising Metal Display Co. Inc. (See Krueger, Herbert H., assignor.)
- Aegerter, August S., Basel, Switzerland. Direction measuring device. 2,022,452; Nov. 26.
- Aeolian-Skinner Organ Company. (See Marks, Arthur H., assignor.)
- Aerial Explorations Inc. (See Smith, Hale G., assignor.)
- Aeriet Air Conditioner Company. (See Child, Lachlan W., assignor.)
- Aeriet Air Conditioner Company. (See Mack, Walter L., assignor.)
- Aeriet Air Conditioner Company. (See Wallace, James, assignor.)
- Aermotor Company. (See Scholes, Daniel R., assignor.)
- Aerocrete Corporation of America. (See Billner, Karl P., assignor.)
- Aerovox Corporation. (See Cole, Samuel L., assignor.)
- Aerovox Corporation. (See Fisher, J. H., and Siegel, assignors.)
- Aerovox Corporation. (See Georgiev, Alexander, assignor.)
- Aerovox Corporation. (See Rhodes, Howard E., assignor.)
- Aeschbach, Friedrich, Aarau, Switzerland. Kneading and mixing machine. 2,012,214; Aug. 20.
- Aetna Ball Bearing Manufacturing Company. (See Stein, Louis H., assignor.)
- Aetna-Standard Engineering Company, The. (See Leach, William W., assignor.)
- Aetna-Standard Engineering Company. (See Taylor, Clarence L., assignor.)
- Aetna Standard Engineering Company, The. (See Taylor, Clarence L., assignor.)
- Affel, Herman A., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Transmission line conductor. 1,996,186; Apr. 2.
- Affel, Herman A., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Volume control circuit. 2,007,416; July 9.
- Affronte, Joseph M., Little Neck, N. Y. Adjustable shoe. 2,009,684; July 30.
- Africano, Elia, Turin, Italy. Apparatus for describing and tracing curves. 2,025,842; Dec. 31.
- Agahd, Walter. (See Boitel, Achille F., assignor.)
- Agar, Calvin A., West Orange, N. J. Container. 2,007,438; July 9.
- Agfa Anasco Corporation. (See Arens, Hans, assignor.)
- Agfa-Anasco Corporation. (See Bell, Lionel R., assignor.)
- Agfa Anasco Corporation. (See von Biehler, Arpad, assignor.)
- Agfa Anasco Corporation. (See Bornmann, C., Lessler, and Heyer, assignors.)
- Agfa Anasco Corporation. (See Bornmann, C., and Roehrl, assignors.)
- Agfa Anasco Corporation. (See Dabelow, M., and Philips, assignors.)
- Agfa Anasco Corporation. (See Dielerle, W., and Dürr, assignors.)
- Agfa Anasco Corporation. (See Eckler, Leopold, assignor.)
- Agfa Anasco Corporation. (See Gladhorn, W., and Eckler, assignors.)
- Agfa Anasco Corporation. (See Goldhammer, Leo, assignor.)
- Agfa Anasco Corporation. (See Goldhammer, L., and Sochor, assignors.)
- Agfa Anasco Corporation. (See Hagedorn, Max, assignor.)
- Agfa Anasco Corporation. (See Hagedorn, M., and Jung, assignors.)
- Agfa Anasco Corporation. (See Heymer, Gerd, assignor.)
- Agfa Anasco Corporation. (See Liebeskind, Bernhard, assignor.)
- Agfa Anasco Corporation. (See Lummerzheim, Hermann, assignor.)
- Agfa Anasco Corporation. (See Miller, Alfred, assignor.)
- Agfa Anasco Corporation. (See Riess, K., Knodel and Klaus, assignors.)
- Agfa Anasco Corporation. (See Schaeffer, Albert, assignor.)
- Agfa Anasco Corporation. (See Schmidt, Richard, assignor.)
- Agfa Anasco Corporation. (See Schneider, Wilhelm, assignor.)
- Agfa Anasco Corporation. (See Schneider, W., and Hebbel, assignors.)
- Agfa Anasco Corporation. (See Schnitzler, Eduard, assignor.)
- Agfa Anasco Corporation. (See Von Biehler, Arpad, assignor.)
- Agfa Anasco Corporation. (See Wilmanns, G., and Brunken, assignors.)
- Agfa Anasco Corporation. (See Zehlke, Walther, assignor.)
- Agner, Raymond C., Burlington, Wis., assignor to Sears, Roebuck and Co., Chicago, Ill. Crank case drain-valve. 2,021,587; Nov. 19.
- Agnew, Norman F., assignor to The Union Switch & Signal Company, Swissvale, Pa. Relay. 2,012,491; Aug. 27.
- Agombar, Bert, Hanover, Ontario, Canada. Shoeshine box. 2,003,279; June 4.
- Agoos Leather Companies. (See Sart, Gilbert D., assignor.)
- Ägren, Ernst M., Stockholm, Sweden, assignor to Pulvis Aktiengesellschaft, Glarus, Switzerland. Starting mechanism for internal combustion engines. 1,986,459; Jan. 1.
- Agriculture of the United States of America, Secretary of. (See Evans, Raymond, assignor.)
- Agriculture, Secretary of. (See Nagel, R. H., and Grogins.)
- Agte, Kurt. (See Schröter, K., Agte, Moers, and Wolff.)
- Agthe, Carl A., Zurich, and R. Blaser, assignors to the firm of J. R. Geigy, A. G., Basel, Switzerland. Stabilization of peroxide solutions. 2,012,462; Aug. 27.
- Agulnek, Harry, assignor to S. Mishcon, doing business as Supreme Knitting Machine Co., Brooklyn, N. Y. Knitting machine. 2,006,821; July 2.
- Agulnek, Harry, assignor to S. Mishcon, doing business as Supreme Knitting Machine Co., Brooklyn, N. Y. Pattern wheel assembly. 2,008,810; July 23.
- Ahachich, Peter, Chicago, Ill. Doughnut mechanism and the like. 2,023,658; Dec. 10.
- Ahearn, John T., Lowell, Mass. Fluted delivery roll. 1,989,439; Jan. 29.
- Ahearn, John J., Brooklyn, N. Y. Line holder. 2,014,711; Sept. 17.
- Ahlborn, J. Frederick, et al. (See Livingston, Maurice H., assignor.)
- Ables, Paul, St. Cloud, Minn. Practice golf club. 1,994,207; Mar. 12.
- Ahlqvist, Harald, Rye, N. Y. Lixiviator and method of leaching. 2,015,832; Oct. 1.
- Ahnström, Erik G., assignor to Aktiebolaget Nautiska Apparater, Stockholm, Sweden. Measuring instrument. 1,992,343; Feb. 26.
- Ahrens-Fox Fire Engine Company, The. (See Fox, Charles H., assignor.)
- Ahrens, Friedrich. (See Borrmann, W., and Ahrens.)
- Ahrens, Robert S., assignor to Seeger Refrigerator Company, St. Paul, Minn. Refrigerator display case. 2,014,830; Sept. 17.
- Ahrnheim, Albert A., assignor of one-half to W. Sparks, Jackson, Mich. Apparatus for telegraphically transmitting colored pictures. 2,004,359; June 11.
- Ahrnheim, Albert A., assignor of one-half to W. Sparks, Jackson, Mich. Method and apparatus for telegraphically transmitting colored moving pictures or scenes. 2,004,360; June 11.
- Aickelin, Hans, Summit, N. J., assignor to General Aniline Works, Inc., New York, N. Y. Preparation of aliphatic chlorides. 2,007,322; July 9.
- Aiken, Charles B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radioreceiver. 1,990,512; Feb. 12.
- Aiken, William L. (See Tanner, M. O., and Aiken.)
- Aikman, Burton S., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor. 1,998,264; Apr. 16.
- Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor control mechanism. 1,998,265; Apr. 16.
- Ainslie Knitting Machine Company. (See Kuehnle, Henry, assignor.)
- Ainsworth, Albert A., Ossining, N. Y. Filing device. 1,988,368; Jan. 15.
- Ainsworth, Alfred W. (See Ainsworth, Robert B., and A. W.)
- Ainsworth, Harry G., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Folding door. 1,986,178; Jan. 1.
- Ainsworth, Robert G., and A. W., assignors to William Ainsworth & Sons, Inc., Denver, Colo. Balance. 2,022,306; Nov. 26.
- Ainsworth, Thomas H., Drexel Hill, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Driving wheel. 2,019,285; Oct. 29.
- Ainsworth, William, & Sons, Inc. (See Ainsworth, Robert G., and A. W., assignors.)
- Ainsworth Manufacturing Company. (See Potter, Albert T., assignor.)
- Air Conditioners, Inc. (See Marr, George M., and A. P., assignors.)
- Air Conditioning Equipment Corporation. (See Erschen, C. P., and Jepefinger, assignors.)
- Air Conditioning Systems, Inc. (See Brace, K. P., and Rowe, assignors.)
- Aircraft Specialties, Inc. (See Kyser, Smith, assignor.)
- Air Cushion Products Company, The. (See Arens, Edward W., assignor.)

- Air Reduction Company. (See Anderson, James L., assignor.)
- Air Reduction Company. (See Anderson, J. L., and Evans, assignors.)
- Air Reduction Company. (See Crowe, John J., assignor.)
- Air Reduction Company. (See Deming, George M., assignor.)
- Air Reduction Company. (See Georg, Walter, assignor.)
- Air Reduction Company. (See Gomonet, Eugène, assignor.)
- Air Reduction Company. (See Metzger, Floyd J., assignor.)
- Air Reduction Company. (See Ragonnet, Eugène L., assignor.)
- Air Reduction Company. (See Schlitt, Joseph L., assignor.)
- Air Reduction Company. (See Walker, George L., assignor.)
- Air Valve Bottle Corporation. (See Geistlinger, Edward, assignor.)
- Air-Way Electric Appliance Corporation. (See Child, Lachlan W., assignor.)
- Air-Way Electric Appliance Corporation. (See Dow, Dewey M., assignor.)
- Air-Way Electric Appliance Corporation. (See Riebel, Frederick, Jr., assignor.)
- Air-Way Electric Appliance Corporation. (See Riebel, F., Jr., and Dow, assignors.)
- Air-Way Electric Appliance Corporation. (See Riebel, F., Jr., Dow, and Henson, assignors.)
- Air-Way Electric Appliance Corporation. (See Rose, George L., assignor.)
- Air-Way Electric Appliance Corporation. (See Sharp, Robert C., assignor.)
- Aird, Andrew, Philadelphia, Pa. Wound drainage device. 2,025,492; Dec. 24.
- Aird, Hugh, Vancouver, British Columbia, Canada. Device for demonstrating the operation of an internal combustion engine. 2,008,634; July 16.
- Alsen, Maurice, Norwalk, Conn. Bleaching and stripping material and making same. 2,005,448; June 18.
- Aisenstein, Michael D., Berkeley, assignor to United Iron Works, Oakland, Calif. Pump. 2,017,826; Oct. 15.
- Aitken, Alexander, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner. 2,008,431; July 16.
- Aitken, Andrew W. (See Greiner, C. F., and Aitken.)
- Aitken, George, Rutherglen, assignor to Watson Laidlaw & Company Limited, Glasgow, Scotland. Centrifugal machine. 2,018,433; Oct. 22.
- Aitken, William J., Chicago, Ill. Vehicle handling and storing apparatus. 2,016,662; Oct. 8.
- Aivaz, Boris, Budapest, Hungary. Smoke wads and machine for making the same. 1,993,728; Mar. 12.
- Aivaz, Jacques, Paris, France. Air propeller with variable pitch. 2,007,417; July 9.
- Aivaz, Jacques, Paris, France. Pump. 2,013,484; Sept. 3.
- Ajam, Mustafa J., Waltham, assignor to Devon Manufacturing Company, Boston, Mass. Refrigerating machine. 2,011,964; Aug. 20.
- Ajax Electric Furnace Corporation. (See Wyatt, James R., assignor.)
- Ajax Electrothermic Corporation. (See Chesnut, Frank T., assignor.)
- Ajax Electrothermic Corporation. (See Northrup, Edwin F., assignor.)
- Ajax Electrothermic Corporation. (See Wever, Franz, assignor.)
- Ajax Hosiery Mills. (See Magner, Morris E., assignor.)
- Ajax Manufacturing Company, The. (See Hoopes, Penrose R., assignor.)
- Ajax Spring Stabilizer Company. (See Schlesser, Frederick H., assignor.)
- Aken, Carl F., Brooklyn, assignor, by mesne assignments, to Underwood-Elliott Fisher Company, New York, N. Y. Manual zero-setting mechanism for registers. 2,023,298; Dec. 3.
- Akerberg, Carl G., assignor to Giant Grip Manufacturing Company, Oshkosh, Wis. Resilient calf for horseshoes. 2,001,118; May 14.
- Åkerlind, Hilmer G. A., assignor to Aktiebolaget Linham, Stockholm, Sweden. Pantographic mechanism for grading machines. 1,993,818; Mar. 12.
- Akerlund, Carl O. (See Anderson, E. G. K., and Akerlund.)
- Akers, Earl C., assignor of one-half to F. L. McLaughlin, Detroit, Mich. Measuring and dispensing can. 2,010,126; Aug. 6.
- Akers, John W., Clarkston, Wash. Portable electric lamp. 2,001,406; May 14.
- Akimoff, Nicholas P., Richmond Heights, assignor to Monsanto Chemical Company, St. Louis, Mo. Separating phenolic isomers. 2,016,848; Oct. 8.
- Akintievsk, Vladimir C., New York, N. Y. Photo-printing. 1,997,507; Apr. 9.
- Akitt, Norman B., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 2,000,682; May 7.
- Akitt, Norman B., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 2,000,683; May 7.
- Akitt, Norman B., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 2,023,801; Dec. 10.
- Akre, Sæming E., Oslo, Norway, assignor, by decree of court, to F. W. Vickery, London, England. Doctor. 2,007,418; July 9.
- Akro Agate Company, The. (See Hellmers, H. T., and Donald, assignors.)
- Akron Brass Manufacturing Company, The. (See Schellin, John C., assignor.)
- Akron Standard Mold Company, The. (See Bostwick, Henry C., assignor.)
- Akron Standard Mold Company, The. (See Wheatley, George, assignor.)
- Aktiebolaget Alcus. (See Thiman, Gunnar, assignor.)
- Aktiebolaget Arki. (See Vilén, O. E., and Bergnéhr, assignors.)
- Aktiebolaget Atlas Diesel. (See Thege, Edvin O. P., assignor.)
- Aktiebolaget Defibrator. (See Asplund, Arne J. A., assignor.)
- Aktiebolaget Elektrisk Malmletning. (See Sundberg, K., and Hedström, assignors.)
- Aktiebolaget Formator. (See Dahlström, Ernst R., assignor.)
- Aktiebolaget Formator. (See Granstedt, Karl E., assignor.)
- Aktiebolaget Formator. (See von Segebaden, Ernst S. D., assignor.)
- Aktiebolaget Gerh. Årehns Mekaniska Verkstad. (See Johnson, Bror A. E., assignor.)
- Aktiebolaget Gerh. Årehns Mekaniska Verkstad. (See Örström, Gustaf, assignor.)
- Aktiebolaget Gerk. Årehns Mekaniska Verkstad. (See Van Huystee, Albertus M. J., assignor.)
- Aktiebolaget Imoindustri. (See Montelius, Carl O. J., assignor.)
- Aktiebolaget Kemiska Patent. (See Nordengren, Sven G., assignor.)
- Aktiebolaget Kerh. Årehns Mekaniska Verkstad. (See Johnson, B. A. E., and Örström, assignors.)
- Aktiebolaget Linham. (See Åkerlind, Hilmer G. A., assignor.)
- Aktiebolaget Ljungströms Angturbin. (See Lysholm, Alf, assignor.)
- Aktiebolaget Milo. (See Lysholm, Alf, assignor.)
- Aktiebolaget Nautiska Apparater. (See Ahnström, Erik G., assignor.)
- Aktiebolaget Nomy. (See Janson, Carl G., assignor.)
- Aktiebolaget Nomy. (See Wallgren, August G. F., assignor.)
- Aktiebolaget Novitas. (See Örström, Wilhelm, assignor.)
- Aktiebolaget Radius. (See Raffing, Erik, assignor.)
- Aktiebolaget Rosenblads Patent. (See Rosenblad, Curt F., assignor.)
- Aktiebolaget Sparuret. (See Germundson, Ange K. H., assignor.)
- Aktiebolaget Spontan. (See Ljungström, Fredrik, assignor.)
- Aktiebolaget Svenska Flåktbriken. (See Stenfors, Frans I. E., assignor.)
- Aktiebolaget Svenska Flåktfabriken. (See Stenfors, F. I. E., and Artelius, assignors.)
- Aktiebolaget Svenska Kullagerfabriken. (See Kylén, Karl E., assignor.)
- Aktiebolaget Svenska Kullagerfabriken. (See Palmgren, Nils A., assignor.)
- Aktiebolaget Tonsor. (See Tobias, Werner, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Baasch, Johann, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Brunner, G., and Kern, assignors.)
- Aktiengesellschaft Brown Boveri & Cie. (See Darrieus, Georges, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Gaudenzi, Arthur, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Gaudenzi, A. Widmer, and Jonas, assignors.)
- Aktiengesellschaft Brown Boveri & Cie. (See Güttinger, H., Keller, and Martenet, assignors.)
- Aktiengesellschaft Brown Boveri & Cie. (See Kern, Erwin, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Kern, E., and Meyer-Delius, assignors.)
- Aktiengesellschaft Brown Boveri & Cie. (See Kopelovitsch, Jakob, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Kranz, Rudolf, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Matthey-Doret, André, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Meyer-Delius, Heinrich, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Meyer-Delius, H., and Kern, assignors.)
- Aktiengesellschaft Brown Boveri & Cie. (See Meyerhans, August, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Müller, Hans, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Noack, Walter G., assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Noack, Walter G., and Schattschneider, assignors.)
- Aktiengesellschaft Brown Boveri & Cie. (See Plechl, Otto, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Seitz, Oskar, assignor.)

- Aktiengesellschaft Brown Boveri & Cie. (See Thommen, Hans, assignor.)
 Aktiengesellschaft, Brown, Boveri & Cie. (See Wettstein, August, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Widmer, Stefan, assignor.)
 Aktiengesellschaft für Cartonnagen-Industrie. (See Hämisch, Karl, assignor.)
 Aktiengesellschaft für Stickstoffdünger. (See Weibezahn, K., and Walter, assignors.)
 Aktiengesellschaft für Stickstoffdünger. (See Winter, E., and Hartmann, assignors.)
 Aktiengesellschaft vorm. Seidel & Naumann. (See Benzinger, Hugo, assignor.)
 Aktis Aktiengesellschaft. (See Uhlmann, Fritz, assignor.)
 Aktis Studiengesellschaft für Kohleforschung mit beschränkter Haftung. (See Uhlmann, Fritz, assignor.)
 Alabama Polytechnic Institute. (See English, Lester L., assignor.)
 Alan, Charles et al. (See Brown, F. D., and Musser, assignors.)
 Alan Cobham Aviation Limited. (See Cobham, Alan J., assignor.)
 Alaska Freeze Co., Inc., The. (See Caron, Ludger J., assignor.)
 Alaska Freezer Co., The. (See Verrill, Seward W., assignor.)
 Albaugh, Merton V., Berwyn, Ill. Crate. 1,988,259; Jan. 15.
 Albeck, Albert, assignor to Hauser & Co., G. m. b. H., Augsburg, Germany. Seal for axle boxes. 2,005,526; June 18.
 Albeck, Albert, assignor to Hauser & Co., G. m. b. H., Augsburg, Germany. Exle and axle bearing. 2,026,504; Dec. 31.
 Albee, Hugh M., assignor to The Leavitt Machine Company, Orange, Mass. Valve-seat facing tool. 2,026,488; Dec. 31.
 Alberg, Henry, Millstadt, Ill. Tongs. 2,016,356; Oct. 8.
 Albers, Edwin W., Schenectady, N. Y. Locomotive construction. 2,004,742; June 11.
 Albersheim, Walter, and H. Konheim, New York, N. Y. Radio navigation. 1,995,285; Mar. 26.
 Albersheim, Walter J. (See Konheim, H. S., and Albersheim.)
 Albersheim, Walter J., assignor to Electrical Research Products, Inc., New York, N. Y. Sound film recording system. 1,998,064; Apr. 16.
 Albersheim, Walter J., assignor to Radio Corporation of America, New York, N. Y. Signaling by frequency fluctuation. 1,999,176; Apr. 30.
 Albersheim, Walter J., assignor to Electrical Research Products, Inc., New York, N. Y. Modulating system. 2,002,214; May 21.
 Albersheim, Walter J., assignor to Electrical Research Products, Inc., New York, N. Y. Sound picture system. 2,003,029; May 28.
 Albersheim, Walter J., and H. S. Konheim, New York, N. Y. Viscosimeter. 1,989,050; Jan. 22.
 Albersheim, Walter J., and H. S. Konheim, New York, N. Y. Viscosity measuring device. 2,010,837; Aug. 13.
 Albersheim, Walter J., and H. S. Konheim, New York, N. Y. Flow meter. 2,023,568; Dec. 10.
 Albert, John E., Columbus, Ohio. Cigarette holder. 1,987,354; Jan. 8.
 Albert Pick Co., Inc. (See Sehlbach, Albert E., assignor.)
 Alberti, Luis, Buenos Aires, Argentina. Lock. 2,024,497; Dec. 17.
 Alberts, Arthur S. (See Alberts, Jacob L., assignor.)
 Alberts, Jacob L., Yonkers, assignor to A. S. Alberts, New York, N. Y. Garment. 1,989,303; Jan. 29.
 Albertshausen, Franz, Dusseldorf, Germany, assignor to the firm Philadelphia Quartz Company, Philadelphia, Pa. Producing soluble, pourable, and stable alkali silicate compounds. 2,026,451; Dec. 31.
 Albertshausen, Franz, Muttens-Basselland, Switzerland, assignor to the firm Henkel & Cie. Gesellschaft mit beschränkter Haftung, Dusseldorf, Germany. Manufacture of solid products containing alkali hypochlorite. 1,988,991; Jan. 22.
 Albertson & Company. (See Albertson, Frans O., assignor.)
 Albertson & Company, Inc. (See Albertson, F. O., and Madsen, assignors.)
 Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Grinder dressing machine. 1,987,812; Jan. 15.
 Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Valve seat grinding machine. 1,989,905; Feb. 5.
 Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Grinding valve seats. 1,991,834; Feb. 19.
 Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Valve seat ring securing tool. 1,999,434; Apr. 30.
 Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Valve grinder dressing tool. 1,999,435; Apr. 30.
 Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Making valve seat tools. 2,003,570; June 4.
 Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Valve seat grinder. 2,005,851; June 25.
 Albertson, Frans O., and A. Madsen, assignors to Albertson & Company, Inc., Sioux City, Iowa. Valve seat gauge. 1,996,092; Apr. 2.
 Albertz, Hans, Bad-Godesberg, Germany. Routing machine. 1,990,158; Feb. 5.
 Albrecht, Carl, Cronberg in Taunus, assignor to Deutsche Gold & Silber Scheideanstalt vormals Roessler Frankfurt-on-the-Main, Germany. Carburizing iron articles. 1,992,931; Mar. 5.
 Albrecht, Carl, Cronberg in Taunus, and W. Beck, assignors to Deutsche Gold & Silber Scheideanstalt vormals Roessler Frankfurt-on-the-Main, Germany. Carburizing and hardening. 2,007,136; July 2.
 Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Feeding metal to the metal pots of typographical casting machines. 1,995,558; Mar. 26.
 Albrecht, Eduard. (See Berthold, H., and Albrecht.)
 Albrecht, Eduard. (See Steiger, N., and Albrecht.)
 Albrecht, Edward, Philadelphia, Pa. Stocking inspecting and testing machine. 1,990,013; Feb. 5.
 Albrecht, Emil. (See Kaefer, J., and Albrecht.)
 Albrecht, Herbert O., Flint, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Rust resisting coating composition. 1,995,954; Mar. 26.
 Albrecht, John, Kewaunee, Wis. Apparatus for separating plant roots from soil. 1,997,564; Apr. 16.
 Albrecht, Martin L., and F. W. Brehmer, assignors to The F. W. Brehmer Machine & Tool Company, Cincinnati, Ohio. Nut cracking machine. 2,010,794; Aug. 6.
 Albrecht, Oscar C., Hustisford, Wis. Coaster wagon. 2,014,060; Sept. 10.
 Albrecht, Otto. (See Felix, F., and Albrecht.)
 Albright, Jacob F., Bastrop, La. Paper making machine. 2,013,942; Sept. 10.
 Albright, Raymond W., assignor to American Anode, Inc., Akron, Ohio. Display card and securing articles thereto. 2,005,879; June 25.
 Albrook, Raymond L. (See Bartow, E., and Albrook.)
 Alcaraz, Vicente M., Santurce, P. R. Vehicle signal. 1,995,236; Mar. 19.
 Alco Products Incorporated. (See Erter, John H., assignor.)
 Alco Products Incorporated. (See Forbes, James B., assignor.)
 Alco Products, Incorporated. (See Mahoney, John C., assignor.)
 Alco Products, Incorporated. (See Petty, Earl, assignor.)
 Alcorn, Walter, Columbia, S. C. Doorlock. 1,990,014; Feb. 5.
 Alecott, Frank H., Jamaica, N. Y. Building construction. 2,000,897; May 14.
 Aldeborgh, Erik H., assignor to Standard Gage Company, Inc., Poughkeepsie, N. Y. Dimension gauge. 2,024,020; Dec. 10.
 Aldeborgh, Erik H., and A. H. Emery, assignors to Standard Gage Company, Inc., Poughkeepsie, N. Y. Ninety degree dial indicator. 2,015,986; Oct. 1.
 Aldeborgh, Erik H., and A. H. Emery, Poughkeepsie, N. Y., assignors to Standard Gage Company, Inc., Poughkeepsie, N. Y. Dial plug gauge. 2,024,021; Dec. 10.
 Alden, Gedor W., assignor to American Cabinet Hardware Corp., Rockford, Ill. Fall board structure. 2,022,172; Nov. 26.
 Alden, Carroll R., assignor to Ex-Cell-O Aircraft & Tool Corporation, Detroit, Mich. Machine tool. 2,000,553; May 7.
 Alden, Carroll R., assignor to Ex-Cell-O Aircraft & Tool Corporation, Detroit, Mich. Spindle structure. 2,012,677; Aug. 27.
 Alden, Gardner R., assignor to Dennison Manufacturing Company, Framingham, Mass. Gummed paper and preparing. 2,001,049; May 14.
 Alden, Herbert W., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Automotive driving axle construction. 1,996,138; Apr. 2.
 Alden, Herbert W., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Motor vehicle. 1,999,071; Apr. 23.
 Alden, Herbert W., and N. R. Brownier, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Brake. 1,994,935; Mar. 19.
 Alden, Herbert W., and L. R. Buckendale, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Resilient joint. 1,990,016; Feb. 5.
 Alden, Herbert W., and L. R. Buckendale, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Slack adjusting mechanism. 2,015,881; Oct. 1.
 Alden, Herbert W., and L. R. Buckendale, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Drive axle. 2,022,581; Nov. 26.
 Alden, Herbert W., and L. R. Buckendale, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Assembling resilient joints. 2,003,412; June 4.
 Alden, John L., LaGrange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical conductor cable. 2,004,592; June 11.
 Alden, Milton, Brockton, Mass., assignor to Radio Inventors, Inc., New York, N. Y. Radio receiving apparatus. 2,013,331; Sept. 3.
 Alden, Milton, Brockton, Mass., assignor to Radio Inventions, Inc., New York, N. Y. Socket for vacuum tubes and the like. 2,023,190; Dec. 3.

- Alder, William F., Altadena, assignor of one-half to Howell & Sherburne, Pasadena, Calif. Thermobalance. 2,021,573; Nov. 19.
- Alderks, Otto H., W. R. Distel, and J. E. Taylor, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Edible fat. 1,985,969; Jan. 1.
- Aldinger, Harvey G., Hollister, Calif. Headlight. 2,024,084; Dec. 10.
- Aldington, John N. (See Oakley, P. D., and Aldington.)
- Aldrich, Harry J., et al. (See Trask, Merrill H., assignor.)
- Aldrich, L. Sherman. (See Sharp, Thomas, assignor.)
- Aldrich, Roger W., executors et al. (See Kaltenbach, Charles E.)
- Aldrich, William O., assignor to Whitin Machine Works, Whitinsville, Mass. Device for lubricating twister rings. 1,986,909; Jan. 8.
- Aldrich, William O., assignor to Whitin Machine Works, Whitinsville, Mass. Lubricated twister ring. 1,986,911; Jan. 8.
- Aldrich, William O., Whitinsville, and F. K. Hendrickson, Worcester, assignors to Whitin Machine Works, Whitinsville, Mass. Lubricating device for twister rings. 1,986,910; Jan. 8.
- Aldridge, Blair G. (See Gard, E. W., and Aldridge.)
- Aldridge, Blair G., assignor to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for producing asphalt. 1,988,766; Jan. 22.
- Aldridge, Blair G., assignor to Union Oil Company of California, Los Angeles, Calif. Dewaxing oils. 1,988,768; Jan. 22.
- Aldridge, Blair G., Los Angeles, and B. Hopper, San Pedro, assignors to Union Oil Company of California, Los Angeles, Calif. Method and apparatus for dewaxing oils. 1,988,767; Jan. 22.
- Aldridge, Blair G., and E. G. Ragatz, assignors to Union Oil Company of California, Los Angeles, Calif. Prevention of frost formation on automatic controls. 1,988,769; Jan. 22.
- Aldridge, Katharine F., Leland, Miss. Plant support. 2,011,990; Aug. 20.
- Aldrin, Carl A. (See Swanson, C. S., Cornell, and Aldrin.)
- Aldur Corporation. (See Smidth, Leonard, assignor.)
- Alemite Corporation. (See Estryckel, Joseph, assignor.)
- Alex, Max, Los Angeles, Calif. Water cooler and dispenser. 2,019,034; Oct. 29.
- Alexander, Arthur A., Newtonville, Mass., assignor to Almar Stripping Machine Corporation. Apparatus for stripping. 1,991,355; Feb. 19.
- Alexander, Arthur A., Newtonville, Mass., assignor to Almar Stripping Machine Corporation. Stripping device. 2,007,787; July 9.
- Alexander, Arthur S., New York, N. Y. Rear view mirror. 2,016,763; Oct. 8.
- Alexander Chemical Company. (See Baumann, Fred, assignor.)
- Alexander, Clive M., Tulsa, Okla. Heat transfer apparatus. 2,022,173; Nov. 26.
- Alexander, Donald F. (See Pearce, G. C., and Alexander.)
- Alexander, Earl C., Glen Ellyn, assignor to Massey Concrete Products Corporation, Chicago, Ill. Concrete slab. 2,017,336; Oct. 15.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric valve excitation circuits. 2,006,979; July 2.
- Alexander, Harvey B., Kingston, N. Y., assignor to Hercules Powder Company, Wilmington, Del. Ignition composition. 1,989,729; Feb. 5.
- Alexander, Horace W., and W. E. Metzger, Columbus, Ohio. Medical examination lamp. 2,026,156; Dec. 31.
- Alexander, Hugh C., New York, N. Y. Sales pad. 2,010,684; Aug. 6.
- Alexander, James N., Birmingham, Ala. Saw handle structure. 2,015,373; Sept. 24.
- Alexander, Louis A., Toledo, Ohio. Tool for cutting surfaces of revolution. 1,988,770; Jan. 22.
- Alexander, Milton W., Albany, N. Y., assignor to Autograf Tooth Brush Co., Inc. Bristling a brush support. 2,017,845; Oct. 22.
- Alexander, Peter P., Marblehead, Mass., assignor to General Electric Company. Apparatus for fusing powdered materials. 2,003,167; May 28.
- Alexander, Richard E., et al. (See Stannard, Benjamin F., assignor.)
- Alexander, Walter, Hamburg, Germany. Vulcanized rubber solution. 2,019,207; Oct. 29.
- Alexander, William, Glasgow, Scotland. Silencer. 2,012,331; Aug. 27.
- Alexander, William J. (See Hazlett, R. R., and Alexander.)
- Alexander, William P. (See Burgess, Louis, assignor.)
- Alexander, William T., assignor to Columbia Paper Supply Company, Yakima, Wash. Paper container for fruit wrap. 1,987,545; Jan. 8.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Colored television apparatus. 1,988,931; Jan. 22.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. System of distribution. 1,993,581; Mar. 5.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. High frequency transmission system for railways. 2,001,514; May 14.
- Alexandroff, Peter, London, England, assignor to Shell Development Company, San Francisco, Calif. Road oil and preparing the same. 2,002,652; May 28.
- Alexief, Constantin, Gouverneur, N. Y. Rail tie and fastening means. 2,019,377; Oct. 29.
- Alexonis, Anthony J., Waukegan, Ill. Radio receiving system. 1,999,313; Apr. 30.
- Alfa Machine Company. (See Laukhuff, Alfred, assignor.)
- Alfano, Antonino, Rome, Italy. Placard. 2,001,928; May 21.
- Alfaro, Heracio, Abington, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft having sustaining rotors. 2,003,331; June 4.
- Alfaro, Heracio, Cambridge, Mass., assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft having sustaining rotors. 2,003,620; June 4.
- Alfred, Clarence J., Orange, N. J., assignor to The American Sugar Refining Company, New York, N. Y. Carton. 2,002,485; May 28.
- Alfred, Ruth P., Ottumwa, Iowa. Rear light for automobiles and other vehicles. 2,023,393; Dec. 10.
- Algeo, Albert M., Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Banding mechanism. 2,024,903; Dec. 17.
- Algeo, John S., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Cap. 1,999,622; Apr. 30.
- Algeo, John S., and J. J. Williams, assignors to Hazel-Atlas Glass Co., Wheeling, W. Va. Glass container and closure therefor. 2,025,031; Dec. 24.
- Alger, Harley C., Chicago, Ill., assignor, by mesne assignments, to F. E. Compton & Company, Book. 2,014,305; Sept. 10.
- Alger, Harley C., assignor to R. B. Donnelley & Sons Co., Chicago, Ill. Bookbinding machine. 2,024,959; Dec. 17.
- Alger, Philip L., Schenectady, N. Y., assignor to General Electric Company. Method of and apparatus for starting alternating-current motors. 1,992,050; Feb. 19.
- Alhadate, Alejandro, Tampico, Mexico. Bandage applying device. 1,992,344; Feb. 26.
- Aliano, Frank S., Brooklyn, N. Y. Trip mechanism for punch presses. 1,988,103; Jan. 15.
- Aliquo, Francesco, Rome, Italy. Mechanical fuse for time and percussion projectiles. 1,992,278; Feb. 26.
- Allaire, Roy L., and C. W. Jeffries, Stamford, Conn. Adjustable surgical frame for hospital beds. 1,996,052; Apr. 2.
- Allan, Archibald, Tynemouth, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Metal-clad electric switch gear. 1,990,853; Feb. 12.
- Allan, Archibald, Tynemouth, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Metal-clad electric switchgear. 2,009,333; July 23.
- Allan, Archibald, Tynemouth, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Metal-clad electric switch gear. 2,009,334; July 23.
- Allan, Archibald, Tynemouth, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Metal-clad electric switchgear. 2,009,335; July 23.
- Allan, Hugh L., Syriam, Burmah, British India, assignor to The Burmah Oil Company Limited, Glasgow, Scotland. Production of asphaltic products from aromatic extracts of mineral oils. 1,990,466; Feb. 12.
- Allan, James E., Effe Lake, assignor to Morgan & Wright, Detroit, Mich. Bead forming apparatus. 1,986,094; Jan. 1.
- Allan, James R., Oak Park, Ill. Seal for closures. 2,008,741; July 23.
- Allan, James R., Oak Park, and O. B. Zimmerman, La Grange, Ill., assignors to International Harvester Company. Wheel. 1,996,226; Apr. 2.
- Allan, James R., Oak Park, and F. H. Amos, Chicago, Ill., assignors to International Harvester Company, Tumbler mill. 1,996,227; Apr. 2.
- Allan, John. (See Ellis, G. H., and Allan.)
- Allan, John. (See McLeod, M., and Allan.)
- Allan, Thomas M., San Francisco, Calif., assignor to American District Telegraph Company, Jersey City, N. J. Sprinkler system alarm accelerating means. 2,011,603; Aug. 20.
- Allard, Joseph A., Jr., et al. (See Anglemeyer, Herman B., assignor.)
- Allard, Pierre J. M. T., Ste.-Adresse, assignor to Societe Francaise de Construction de Bennes Automatiques, Le Havre, France. Apparatus for the boring of wells or shafts, and for like operations. 1,986,095; Jan. 1.
- Allard, Pierre J. M. T., Ste.-Adresse, assignor to Societe Francaise de Construction de Bennes Automatiques, Le Havre, France. Apparatus for the boring of wells or shafts, and for like operations. 1,986,096; Jan. 1.
- Allardice, David J., Camberwell, London, assignor to H. S. Whiteside & Company Limited, London, England. Fruit stoning machine. 2,021,976; Nov. 26.
- Allardt, Hans G. (See Schoeller, W., Allardt, and Feldt.)
- Allee, Herbert D., Detroit, Mich. Wheel and brake mechanism. 2,022,174; Nov. 26.
- Allee, Herbert D., South Bend, Ind. Instrument panel. 2,022,175; Nov. 26.
- Allee, Herbert D., assignor to The Bantam Ball Bearing Company, South Bend, Ind. Roller bearing. 2,007,152; July 9.
- Allegheny Steel Company. (See Browne, Vere B., assignor.)
- Allegheny Steel Company. (See Caugherty, William E., assignor.)
- Allegheny Steel Company. (See Langworthy, William P., assignor.)
- Allegheny Steel Company. (See Otte, Otho M., assignor.)

- Allemann, Otto, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Rhodamine dyes. 1,991,482; Feb. 19.
- Allen, Archie A., assignor to Kirsch Company, Sturgis, Mich. Drapery hardware. 1,989,257; Jan. 29.
- Allen, Arthur S., New York, N. Y. Color chart. 2,007,264; July 9.
- Allen-Bradley Company. (See FitzGerald, John W., assignor.)
- Allen-Bradley Company. (See Kenney, Mahlon W., assignor.)
- Allen-Bradley Company. (See Power, Laurence E., assignor.)
- Allen-Bradley Company. (See Trombetta, P., and Knight, assignors.)
- Allen-Bradley Company. (See Wilms, Gustav O., assignor.)
- Allen, Charles I., Wadesboro, N. C. Leg splint. 2,024,325; Dec. 17.
- Allen, Dennis J., assignor of one-half to C. Pearis, Binghamton, N. Y. Terminal box. 2,006,622; July 2.
- Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Automatic interlocking system. 1,990,513; Feb. 12.
- Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,000,871; May 7.
- Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control apparatus. 2,010,802; Aug. 13.
- Allen, Edward R., Summit, W. N. Headley, Livingston, and A. Siegel, Hillsdale, assignors to Krebs Pigment & Color Corporation, Newark, N. J. Organic coloring materials comprising azo compounds and sulphonated derivatives of pyrolytic decomposition products of rosin. 2,013,084; Sept. 3.
- Allen, Edwin H., assignor to Highway Trailer Company, Edgerton, Wis. Trailer support. 1,997,095; Apr. 9.
- Allen, Ernest W. (See Twiss, D. F., Jones, and Allen.)
- Allen, Frank B., Lower Merion Township, Montgomery County, assignor to The Allen-Sherman-Hoff Company, Philadelphia, Pa. Apparatus for separating liquids from solids. 1,990,446; Feb. 5.
- Allen, Frank B., Lower Merion Township, Montgomery County, Pa., assignor to The Allen-Sherman-Hoff Company. Centrifugal pump. 1,999,163; Apr. 23.
- Allen, Frank B., Lower Merion Township, Montgomery County, Pa., assignor to The Allen-Sherman-Hoff Company. Centrifugal pump. 2,003,168; May 28.
- Allen, Frank B., Lower Merion Township, Montgomery County, assignor to The Allen-Sherman-Hoff Company, Philadelphia, Pa. Sealing ring. 2,021,346; Nov. 19.
- Allen, Franklin L. (See Allen, John G., assignor.)
- Allen, Frederick E., Auburn, N. Y., assignor to Resinox Corporation, Edgewater, N. J. Hinge. 2,012,800; Aug. 27.
- Allen, Frederick J., San Diego, Calif. Distilling and condensing apparatus. 2,018,049; Oct. 22.
- Allen, George M., Ridley Park, assignor to The Viscose Company, Marcus Hook, Pa. Spinneret for the manufacture of rayon. 1,999,072; Apr. 23.
- Allen, George W., Boston, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Vacuum cleaner. 1,992,731; Feb. 26.
- Allen, George W., Boston, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Vacuum Cleaner. 1,993,471; Mar. 5.
- Allen, George W., Hyde Park, Mass., assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Motor mounting. 2,020,092; Nov. 5.
- Allen, George W., Hyde Park, and L. B. Salt, Chestnut Hill, assignors to B. F. Sturtevant Company, Hyde Park, Mass. Handle for vacuum cleaners. 2,021,977; Nov. 26.
- Allen, Harold D., assignor to The Gong Bell Manufacturing Company, East Hampton, Conn. Toy telephone. 1,999,001; Apr. 23.
- Allen, Henry A., Chicago, Ill. Purifying apparatus. 2,012,076; Aug. 20.
- Allen, Henry A., et al., trustees. (See Pratt, Harry P., assignor.)
- Allen, Henry B., Philadelphia, assignor to Henry Disston & Sons, Incorporated, Tacony, Pa. Circular saw. 2,013,943; Sept. 10.
- Allen, Howard G. (See Bliss, H. R., and Allen.)
- Allen, Hugh E., et al. (See Levinson, Arthur A., assignor.)
- Allen, Hugh E., Collingswood, N. J., assignor to Radio Corporation of America. Radio frequency transmission cable. 2,012,295; Aug. 27.
- Allen, Hugh E., and A. G. McCaleb, Evanston, Ill. Protein food color and producing same. 2,021,621; Nov. 19.
- Allen, James E., Ames, Iowa. Machine for baking pie crusts. 2,018,698; Oct. 29.
- Allen, John G., assignor to F. L. Allen, San Antonio, Tex. Bed cover holder. 2,019,947; Nov. 5.
- Allen, John G., Jr., San Antonio, Tex. Electrical plug. 2,024,415; Dec. 17.
- Allen, Joseph W., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine starting apparatus. 1,990,015; Feb. 5.
- Allen, Joseph W., assignor to Eclipse Aviation Corporation, East Orange, N. J. Interlocking system. 1,992,277; Feb. 26.
- Allen, Joseph W., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Starting mechanism. 1,996,733; Apr. 2.
- Allen, Joseph W., assignor to Eclipse Aviation Corporation, East Orange, N. J. Brush operating mechanism. 2,016,189; Oct. 1.
- Allen, Joseph W., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Electrical apparatus. 2,018,107; Oct. 22.
- Allen, Joseph W., assignor to Eclipse Aviation Corporation, East Orange, N. J. Electrical apparatus. 2,018,108; Oct. 22.
- Allen, Joseph W., assignor to Eclipse Aviation Corporation, East Orange, N. J. Electrical apparatus. 2,025,144; Dec. 24.
- Allen, Lawrence H., Summit, N. J., and R. F. Massoneau, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Service observation system. 2,017,644; Oct. 15.
- Allen, Millard E. (See Martin, J. L., and Allen.)
- Allen, Percy, Oakland, Maine. Pruning tool. 2,018,908; Oct. 29.
- Allen, Philip R., Walpole, assignor to Bird & Son, Inc., East Walpole, Mass. Floor covering. 2,009,966; July 30.
- Allen, Raymond W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire building apparatus. 2,006,307; June 25.
- Allen, Roland H. (See Lessing, R., and Allen.)
- Allen, Roland H. (See Lessing, R., and Gynell.)
- Allen, Rufus S., and B. Oakes, Detroit, Mich. Camp trailer. 2,003,816; June 4.
- Allen, Russell B. (See Moore, R. H., and Allen.)
- Allen, Russell G., Alton, Ill., assignor to Owens-Illinois Glass Company. Machine for molding glass articles. 1,986,912; Jan. 8.
- Allen, S. L., & Co. (See Mader, J., and Richie, assignors.)
- Allen, Scott E., and O. N. Wiswell, Los Angeles, Calif., assignors to C-O-Two Fire Equipment Company, Newark, N. J. Fire extinguishing system. 1,993,695; Mar. 5.
- Allen, Scott E., and O. N. Wiswell, Los Angeles, Calif., assignors, by mesne assignments, to C-O-Two Fire Equipment Company, Newark, N. J. Fire extinguishing apparatus. 1,993,696; Mar. 5.
- Allen, Scott E., Glen Ridge, N. J., and O. N. Wiswell, Los Angeles, Calif., assignors to C-O-Two Fire Equipment Company, Newark, N. J. Releasing device for fluid containers. 1,993,697; Mar. 5.
- Allen, Scott E., and O. N. Wiswell, Los Angeles, Calif., assignor, by mesne assignments to C-O-Two Fire Equipment Company, Newark, N. J. Automatic and manual carbon dioxide fire extinguishing system including selector valve. 2,023,569; Dec. 10.
- Allen-Sherman-Hoff Company, The. (See Allen, Frank B., assignor.)
- Allen, Victor O., Madison, N. J., assignor, by mesne assignments, to Radio Corporation of America. Space discharge device and making it. 1,993,767; Mar. 12.
- Allen, Victor O., Madison, N. J., assignor, by mesne assignments, to Radio Corporation of America. Electron discharge device. 2,002,653; May 28.
- Allen, W. D., Manufacturing Company. (See Meng, Harry E., assignor.)
- Allen, Wilbur C., Los Angeles, Calif., assignor, by mesne assignments, to National Postal Meter Company. Envelope moistener. 1,987,813; Jan. 15.
- Allen, William H. (See Burke, W. E., Allen, Gale, Ritchie, and Peet.)
- Allen, William W., Jacksonville, Fla. Fan mounting. 1,992,112; Feb. 19.
- Allen, William W., Jacksonville, Fla. Ventilator. 2,019,378; Oct. 29.
- Allen, William W., Aldan, and A. L. Grammer, Meadowbrook, assignors to The Curtis Publishing Company, Philadelphia, Pa. Opposing offset in printing and the like. 2,000,684; May 7.
- Allendorff, Friedrich. (See Kazenmaier, A., Allendorff, and Schmid.)
- Aller, Edmund R. (See Heinrich, Ludwig K., assignor.)
- Alderling, Cletus N., Metropolis, Ill. Convertible furniture. 2,024,960; Dec. 17.
- Allerton, William H., Norristown, Pa., and H. B. Aaronson, Camden, N. J., assignors to H. Brinton Company, Philadelphia, Pa. Method and machine for making perforated rib fabric. 2,024,326; Dec. 17.
- Alles, Gordon A., Monterey Park, Calif. 1-(paramethoxyphenyl)-2-formylaminopropanes and preparing same. 2,011,790; Aug. 20.
- Alles, Gordon A., Monterey Park, Calif. 1-(Paramethoxyphenyl)-2-methylaminopropane and its acid addition salts. 2,015,578; Sept. 24.
- Alles, Gordon A., Monterey Park, Calif. 1-(Parahydroxyphenyl)-2-methylaminopropane and its acid addition salts. 2,015,579; Sept. 24.
- Alles, Gordon A., Monterey Park, Calif. 1-(Parahydroxyphenyl)-2-dimethylaminopropane and its acid addition salts. 2,015,580; Sept. 24.
- Alley, Joseph D. (See Alley, Thomas R., and J. D.)
- Alley, Thomas R. and J. D., Alleyton, assignors of two hundred and twenty-five thousandths to T. Gordon, Houston, two hundred and twenty-five thousandths to W. D. Estlinbaum, one hundred thousandths to E. C. Terrell, Eagle Lake, Tex. Vehicle spring. 1,993,986; Mar. 12.

- Alley, William J., Los Angeles, Calif. Portable washbowl. 2,019,642; Nov. 5.
- Allgemeine Elektrizitäts Gesellschaft, Friedrich Karl Ufer. (See Meissner, Alexander, assignor.)
- Allgemeine Elektrizität-Gesellschaft. (See Wiegand, Erich, assignor.)
- Allgemeine Rohrleitung Aktiengesellschaft, et al. (See Meyer, Curt, assignor.)
- Alliance Machine Company, The. (See Anderson, David P., assignor.)
- Allibone, Thomas E., Sale, England, assignor to General Electric Company. Apparatus for the generation of electric high voltage impulses. 2,014,219; Sept. 10.
- Allied Barrel Corporation. (See Clark, H. R., and Rush, assignors.)
- Allied Laboratories. (See Utterback, W. B., Nash, and Muncie, assignors.)
- Allied Manufacturing Company. (See Shapiro, Harold B., assignor.)
- Allied Mills, Inc. (See Fuhrmann, Louis J., assignor.)
- Allied Process Corporation. (See McMichael, Paul, assignor.)
- Allin, Matthew C., Weston, assignor to Riley Engineering & Supply Co. Ltd., Toronto, Ontario, Canada. Fan inlet guard and manufacturing the same. 2,005,408; June 18.
- Allis-Chalmers Manufacturing Company. (See Avery, John, assignor.)
- Allis-Chalmers Manufacturing Company. (See Babb, Charles L., assignor.)
- Allis-Chalmers Manufacturing Company. (See Blume, J. W., and Gaulke, assignors.)
- Allis-Chalmers Manufacturing Company. (See Dimberg, Paul C., assignor.)
- Allis-Chalmers Manufacturing Company. (See Forrest, F. R., and Lindau, assignors.)
- Allis-Chalmers Manufacturing Company. (See Geist, Walter, assignor.)
- Allis-Chalmers Manufacturing Company. (See Goldberg, A., and Jackson, assignors.)
- Allis-Chalmers Manufacturing Company. (See Grob, Benjamin, assignor.)
- Allis-Chalmers Manufacturing Company. (See Hagmaier, W. G., and Shaw, assignors.)
- Allis-Chalmers Manufacturing Company. (See Hill, Leland H., assignor.)
- Allis-Chalmers Manufacturing Company. (See Journeaux, Didier, assignor.)
- Allis-Chalmers Manufacturing Company. (See Lincoln, Charles S., assignor.)
- Allis-Chalmers Manufacturing Company. (See Marti, Othmar K., assignor.)
- Allis-Chalmers Manufacturing Company. (See Martin, Charles R., assignor.)
- Allis-Chalmers Manufacturing Company. (See Newhouse, Ray C., assignor.)
- Allis-Chalmers Manufacturing Company. (See Newhouse, R. C., and Stoll, assignors.)
- Allis-Chalmers Manufacturing Company. (See Nichols, Louis C., assignor.)
- Allis-Chalmers Manufacturing Company. (See Nye, Henry V., assignor.)
- Allis-Chalmers Manufacturing Company. (See Pfau, Arnold, assignor.)
- Allis-Chalmers Manufacturing Company. (See Shaw, E. C., and Hagmaier, assignors.)
- Allis-Chalmers Manufacturing Company. (See Sprado, Carl G., assignor.)
- Allis-Chalmers Manufacturing Company. (See Stoll, Robert E., assignor.)
- Allis-Chalmers Manufacturing Company. (See White, W. M., Schmidt and Gross, assignors.)
- Allis-Chalmers Manufacturing Company. (See Wilkinson, Nathan, assignor.)
- Allis-Chalmers Manufacturing Company. (See Winograd, Harold, assignor.)
- Allis, Louis, Company, The. (See Norton, Charles F., assignor.)
- Allis, Robert T., Springfield, assignor to The Standard Corset Company, Holyoke, Mass. Lacing and the product obtained thereby. 2,017,679; Oct. 15.
- Allison, Albert J., assignor to Simonds Worden White Company, Dayton, Ohio. Bed plate. 1,986,660; Jan. 1.
- Allison Coupon Company. (See Kelly, Edward A., assignor.)
- Allison, Donald K., Beverly Hills, Calif. Three-color film and process. 2,014,606; Sept. 17.
- Allison, James F., and R. J. Salisbury, Providence, R. I., assignors to Freeman-Daughaday Company. Cravat holder. 2,025,798; Dec. 31.
- Allison, Jesse H., El Paso, Tex. Separator. 1,986,179; Jan. 1.
- Allison, John J., and J. P. Ivy, Chandler, Ariz. Tractor drawn grader. 2,004,846; June 11.
- Allison, Kenneth C. (See Dressel, H. M., Allison, and Mastney.)
- Allison, Kenneth C., Arlington Heights, assignor, by mesne assignments, to Cinch Manufacturing Corporation, Chicago, Ill. Cable marking machine. 2,024,416; Dec. 17.
- Allison, Leslie R., Forest Hills, and N. W. Lindsay, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Control system. 2,019,063; Oct. 29.
- Allman, J. J. (See Herman, James H., assignor.)
- Allman, Joseph C., Joliet, Ill. Remote control combination lock. 1,988,408; Jan. 15.
- Allmannä Svenska Elektriska Aktiebolaget. (See Eriksson, K. E., and Lamm, assignors.)
- Allmanna Svenska Elektriska Aktiebolaget. (See Hansson, Bror, assignor.)
- Allmanna Svenska Elektriska Aktiebolaget. (See Högel, Lennart, assignor.)
- Allmanna Svenska Elektriska Aktiebolaget. (See Lamm, Uno, assignor.)
- Allmanna Svenska Elektriska Aktiebolaget. (See Rönnerberg, Daniel, assignor.)
- All Metal Products Company. (See Brethen, Charles A., assignor.)
- Allover Manufacturing Company. (See Meltzer, Henry E., assignor.)
- Allover Manufacturing Co. (See Svoren, Martin J., assignor.)
- Alloy Research Corporation. (See Arness, William B., assignor.)
- Allstadt, Malcolm B. (See Thompson, Robert B., assignor.)
- All-Steel-Equip Company. (See Knell, John, assignor.)
- All-Steel-Equip Company. (See Saaf, Fritz A., assignor.)
- Allswede, William H., Hersey, Mich. Apparatus for scrubbing and treating gravel. 1,997,030; Apr. 9.
- Allswede, William H., Hersey, Mich. Treating gravel. 1,997,031; Apr. 9.
- Allsworth, Terrence W., E. G. Schlup and P. H. Long, Middletown, assignors to The American Rolling Mill Company, Middletown, Ohio. Feeding and catching device. 2,010,709; Aug. 6.
- Alyn, Leon L., and R. E. Maloney, assignors to Master-Craft Corporation, Kalamazoo, Mich. Temporary binder or loose sheet holder. 2,010,051; Aug. 6.
- Alyn, William N., Auburn, N. Y. Endoscope. 2,023,945; Dec. 10.
- Allyne, Edmund. (See Gruber, Edward, assignor.)
- Allyne, Edmund E., Shaker Heights, Ohio. Refrigerating apparatus. 2,002,426; May 21.
- Allyne, Edmund E., Cleveland, Ohio. Oil burner manipulating mechanism. 2,003,413; June 4.
- Allyne, Edmund E., Cleveland, Ohio. Evaporator for refrigerating systems. 2,003,414; June 4.
- Alm, Alexander V., Marblehead, assignor to Dennison Manufacturing Company, Framingham, Mass. Composite sheet material. 2,014,460; Sept. 17.
- Alm, Alexander V., Marblehead, assignor to Dennison Manufacturing Company, Framingham, Mass. Paper product and method of making. 2,018,244; Oct. 22.
- Alm, Carl M., Stockholm, Sweden. Shaving apparatus. 2,012,703; Aug. 27.
- Alm, Johan E., assignor to Baltzar Carl Von Platen, Stockholm, Sweden. Electric rotary machine system. 2,021,164; Nov. 19.
- Almar Stripping Machine Corporation. (See Alexander, Arthur A., assignor.)
- Almaraz, Edward S., Madrid, and E. C. San Antonio, Guadalajara, Spain. Carburetor. 2,002,928; May 28.
- Almdale, Einar, Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Operating mechanism. 2,008,120; July 16.
- Almen, John O. (See Ehrlich, J., and Almen.)
- Almen, John O., Royal Oak, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Testing lubricants. 2,001,861; May 21.
- Almen, John O., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Disk spring governor. 2,003,817; June 4.
- Almen, John O., Royal Oak, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Hoop type governor. 2,014,921; Sept. 17.
- Almen, John O., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Roller carrier dashpot for friction transmission. 2,014,922; Sept. 17.
- Almen, John O., Royal Oak, J. Ehrlich, and W. D. Gove, Detroit, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Friction gearing. 2,014,920; Sept. 17.
- Almquist, John A., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Protection of metal surfaces. 2,017,428; Oct. 15.
- Almquist, Milton L., Maplewood, N. J., and A. C. Thompson, New York, N. Y., assignors to American Telephone and Telegraph Company. Signaling system. 2,005,836; June 25.
- Almquist, Milton L., Maplewood, P. G. Edwards, Millburn, and C. E. Clutts, Clifton, N. J., assignors to American Telephone and Telegraph Company. Testing System. 2,021,978; Nov. 26.
- Alox Chemical Corporation. (See Burwell, Arthur W., assignor.)
- Alox Corporation. (See Burwell, Arthur W., assignor.)
- Al-Oys Incorporated. (See Joyce, William W., assignor.)
- Alsaker, Alfred, assignor to The Delta Star Electric Company, Chicago, Ill. Making self-cleaning contacts. 2,000,909; May 14.
- Alsation Machine Works, Ltd. (See Fossel, Joseph, assignor.)
- Alsing, Carl F., East Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Silent fan. 2,023,111; Dec. 3.
- Alsop, Bertha S., Scarsdale, N. Y. Holder. 2,004,088; June 11.
- Alsop, Bertha S., Scarsdale, N. Y. Nether garment. 2,016,355; Oct. 8.

- Alstad, George C., and J. H. Baumgartner, Chicago, Ill., assignors, by mesne assignments, to Doering Research & Development Corporation. Pasteurizing machine. 1,997,032; Apr. 9.
- Alstad, George C., and J. H. Baumgartner, assignors to Doering Research & Development Corporation, Chicago, Ill. Pasteurizing machine. 1,997,033; Apr. 9.
- Alstad, George C., and J. H. Baumgartner, assignors to Doering Research & Development Corporation, Chicago, Ill. Pasteurizing process. 1,997,034; Apr. 9.
- Alsted, Lewis L. (See Wells, Sidney D., assignor.)
- Alsted, Lewis L. (See Wells, S. D., and Muggleton, assignors.)
- Alston, Paul W. (See Meredith, S. C., Alston and Winslow.)
- Alsworth, Eugene. Union Church, Miss. Door operating mechanism. 2,017,578; Oct. 15.
- Alt, Eugene C., Brooklyn, N. Y. Steering mechanism. 2,001,647; May 14.
- Altamura, Joseph, Brooklyn, N. Y. Push button switch. 2,021,041; Nov. 12.
- Alten, George H. (See Winland, Henry A., assignor.)
- Altenbach, Otto. Ohligs-Solingen, Germany. Pocket implement. 2,011,963; Aug. 20.
- Altenburger, Ira O., assignor to H. D. Hudson Manufacturing Company, Hastings, Minn. Sprayer. 2,006,908; July 2.
- Altener, Theodore G., Melrose Park, Pa. Drafting instrument. 1,986,661; Jan. 1.
- Altenkirch, Edmund. (See Dardin, F., and Altenkirch.)
- Altenkirch, Edmund. Neuenhagen, near Berlin, Germany, assignor to The Hoover Company, North Canton, Ohio. Absorption refrigerating apparatus. 1,995,410; Mar. 26.
- Altenkirch, Edmund. Neuenhagen, near Berlin, Germany, assignor to The Hoover Company, North Canton, Ohio. Continuous absorption refrigeration. 2,000,005; May 7.
- Altenkirch, Edmund. Neuenhagen, near Berlin, Germany, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Absorption refrigerating machine. 2,001,697; May 21.
- Altenkirch, Edmund. Neuenhagen, near Berlin, Germany, assignor to The Hoover Company, North Canton, Ohio. Absorption refrigerating apparatus. 2,014,096; Sept. 10.
- Altenkirch, Edmund. Alt-Landsberg Sud, Germany, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Absorption refrigerating apparatus and method. 1,997,668; Apr. 16.
- Alten's Foundry and Machine Works. (See Winland, Henry A., assignor.)
- Alter, Julius M., Brooklyn, and M. Lipsey, New York, N. Y. Shirt envelope. 2,014,097; Sept. 10.
- Alterium Kredit-Aktien-Gesellschaft. (See Bartling, F., and Fricke, assignors.)
- Alterman, Israel, assignor to W. Hirsch, Philadelphia, Pa., trustee. Artificial limb. 1,994,185; Mar. 12.
- Alterium Kredit-Aktien-Gesellschaft. (See Bartling, Friedrich, assignor.)
- Altgelt, Herman E., South Bend, Ind., assignor to Oliver Farm Equipment Company. Lister cultivator. 1,995,955; Mar. 26.
- Altgelt, Herman E., South Bend, Ind., assignor to Oliver Farm Equipment Company. Lister planter. 2,001,560; May 14.
- Alzheimer, Ben, assignor to M. Alzheimer, University City, Mo. Making radiator shields by folding. 1,996,785; Apr. 9.
- Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 1,991,440; Feb. 19.
- Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,005,527; June 18.
- Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,009,128; July 23.
- Althoff, Lawrence A., Chicago, Ill. Range. 1,988,229; Jan. 15.
- Althouse, Jesse D., and J. L. Carter, Porterville, Calif. Dusting apparatus. 1,987,656; Jan. 15.
- Altick, Charles D., et al. (See Smiley, Lloyd, assignor.)
- Altman, Edwin T., Belle Glade, Fla. Saw filing machine. 2,019,330; Oct. 29.
- Alto, Arvi, Wareham, Mass. Stitch remover. 2,011,309; Aug. 13.
- Alton, William H., assignor to R. T. Vanderbilt Company, Incorporated, New York, N. Y. Colored granule. 2,003,849; June 4.
- Alton, William H., assignor to R. T. Vanderbilt Company, Incorporated, New York, N. Y. Colored granule and making same. 2,003,850; June 4.
- Alton, William H., assignor to R. T. Vanderbilt Company, Incorporated, New York, N. Y. Dry cleaning composition and process. 2,018,507; Oct. 22.
- Altoonian, Mihan M., Jackson Heights, N. Y. Telephone distinguishing means. 1,998,181; Apr. 16.
- Altorfer, Alpheus W., Peoria, Ill. Washing machine impeller. 1,994,741; Mar. 19.
- Altorfer, Alpheus W., Peoria, assignor to Altorfer Bros. Company, East Peoria, Ill. Washing machine. 1,996,654; Apr. 2.
- Altorfer Bros. Company. (See Dehle, Otto T., assignor.)
- Altorfer, Henry W., Peoria, Ill. Inclosure and mechanism for ironing machines. 1,994,742; Mar. 19.
- Altschuler, William H. (See Imber, O., and Altschuler.)
- Altwater, Arthur W., University City, Mo. Shoe part ornamenting machine. 2,013,679; Sept. 10.
- Altwegg, Hans and A. Eichler, Freiburg, Germany, assignors to Du Pont Rayon Company, New York, N. Y. Artificial thread and producing same. 2,022,838; Dec. 3.
- Aluminum Colors Incorporated. (See Bengston, Helmer, assignor.)
- Aluminum Colors, Incorporated. (See Tosterud, Martin, assignor.)
- Aluminum Company of America. (See Benson, Lamont J., assignor.)
- Aluminum Company of America. (See Bohn, Donald I., assignor.)
- Aluminum Company of America. (See Boothman, Dale M., assignor.)
- Aluminum Company of America. (See Brown, Robert H., assignor.)
- Aluminum Company of America. (See Callis, Conral C., assignor.)
- Aluminum Company of America. (See Callis, C. C., and Derr, assignors.)
- Aluminum Company of America. (See Chandler, Edward M., assignor.)
- Aluminum Company of America. (See Derr, Ralph B., assignor.)
- Aluminum Company of America. (See Edwards, J. D., Taylor, and Wentz, assignors.)
- Aluminum Company of America. (See Fink, William L., assignor.)
- Aluminum Company of America. (See Fletcher, Clarence T., assignor.)
- Aluminum Company of America. (See Ganoe, John E., assignor.)
- Aluminum Company of America. (See Guyot, Marius, assignor.)
- Aluminum Company of America. (See Handler, Alfred A., assignor.)
- Aluminum Company of America. (See Heiser, Harold W., assignor.)
- Aluminum Company of America. (See Hogg, Emerson E., assignor.)
- Aluminum Company of America. (See Hopkins, Howard L., assignor.)
- Aluminum Company of America. (See Isidin, Benedict, assignor.)
- Aluminum Company of America. (See Jardine, Frank, assignor.)
- Aluminum Company of America. (See Jeffries, Z., and Kempf, assignors.)
- Aluminum Company of America. (See Keller, Fred, Jr., assignor.)
- Aluminum Company of America. (See Keller, F., and Merritt, assignors.)
- Aluminum Company of America. (See Keller, F. and Sager, assignors.)
- Aluminum Company of America. (See Kempf, L. W., and Dean, assignors.)
- Aluminum Company of America. (See Kratz, Edward J., assignor.)
- Aluminum Company of America. (See Magill, Charles E., assignor.)
- Aluminum Company of America. (See Mason, Ralph B., assignor.)
- Aluminum Company of America. (See Monroe, Robert A., assignor.)
- Aluminum Company of America. (See Monroe, R. A., and Templin, assignors.)
- Aluminum Company of America. (See Monsch, Henry D., assignor.)
- Aluminum Company of America. (See Morrow, J. E., and Barnitt, assignors.)
- Aluminum Company of America. (See Nock, Joseph A., Jr., assignor.)
- Aluminum Company of America. (See Norton, Allen B., assignor.)
- Aluminum Company of America. (See Stanley, George J., assignor.)
- Aluminum Company of America. (See Stroup, Philip T., assignor.)
- Aluminum Company of America. (See Templin, Richard L., assignor.)
- Aluminum Company of America. (See Templin, R. L., and Sturm, assignors.)
- Aluminum Company of America. (See Torrence, T. A., and Endean, assignors.)
- Aluminum Company of America. (See Tosterud, Martin, assignor.)
- Aluminum Company of America. (See Whitzel, Raymond T., assignor.)
- Aluminum Company of America. (See Willmore, C. W., and Callis, assignors.)
- Aluminum Company of America. (See Winters, Gardner L., assignor.)
- Aluminum Cooking Utensil Company, The. (See Matter, J. K., and Weinzierl, assignors.)
- Aluminum Goods Manufacturing Company. (See Larsen, Alantser F., assignor.)
- Aluminum Industries, Inc. (See Staples, Evans M., assignor.)
- Aluminum Plant and Vessel Company Limited, The. (See Seligman, R., Crosby, and Goodman, assignors.)
- Aluminum Plant & Vessel Company Limited, The. (See Seligman, R., and Goodman, assignors.)

- Alvarado, Alfonso M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Oil acid varnish and product coated therewith. 1,990,474; Feb. 12.
- Alvarado, Alfonso M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Asphaltene varnish. 1,990,475; Feb. 12.
- Alvey Conveyor Manufacturing Company. (See Worrall, Roy R., assignor.)
- Alvey-Ferguson Company. (See Roland, Robert J., assignor.)
- Alvey-Ferguson Company, The. (See Schenck, A. J., and Vogt, assignors.)
- Alvey-Ferguson Company, The. (See Watson, M. L., and Walter.)
- Alvey, William S., and J. M. Mikkelsen, Philadelphia, Pa. Gasoline vapor and air mixing device. 2,004,919; June 18.
- Alvord, Charles C., Worcester, Mass. Locking cap for gasoline tanks. 1,992,408; Feb. 26.
- Alvord, Grove D., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Anticlimbing device. 1,996,894; Apr. 9.
- Amalgamated Dental Company Limited, The. (See Reeves, Charles C., assignor.)
- Amalgamated Roofing Company. (See MacLean, Robert, assignor.)
- Amann, Max, and A. Lahl, Frankfort-on-the-Main, Germany. Type printing device. 1,988,409; Jan. 15.
- Amantea, Samuel, Niagara Falls, N. Y. Paper making machine. 2,000,006; May 7.
- Amantea, Samuel, Niagara Falls, N. Y. Belt fastener. 2,003,987; June 4.
- Amarel Corporation. (See Zieley, John D., assignor.)
- Ambler, Charles M., Jr., assignor to The Sharples Specialty Company, Philadelphia, Pa. Purifying lubricating oils. 1,990,359; Feb. 5.
- Ambrose, Arthur S., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Isolation of milk constituents. 1,991,189; Feb. 12.
- Ambrose, Charles A., Ponchatoula, La. Lid fastener. 2,021,826; Nov. 19.
- Ambrose, Henry A. (See Lawton, H. C., Loomis, and Ambrose.)
- Ambrose, Henry A., and A. G. Loomis, Pittsburgh, Pa., assignors to Gulf Research & Development Corporation, Wilmington, Del. Increasing the production of wells. 1,999,146; Apr. 23.
- Ambrose, Henry A., and A. G. Loomis, Pittsburgh, Pa., assignors to Gulf Research & Development Corporation, Wilmington, Del. Drilling well and well drilling fluid. 1,999,147; Apr. 23.
- Ambrunn, William. (See Herzberg, G., and Ambrunn.)
- Ambuhl, Frank F. (See Ashworth, E. M., Ambuhl, and Smith.)
- Ambuhl, Frank F., and W. F. Sutherland, assignors to Toronto Electric Commissioners, Toronto, Ontario, Canada. Supervisory electric control system. 1,996,268; Apr. 2.
- Ambulatory Pneumatic Splint Mfg. Co. (See Saemann, Franklin I. and F. I., Jr., and Gennat, assignors.)
- Ambursen Construction Co., Inc. (See Stewart, Spencer W., assignor.)
- Amco, Incorporated. (See Meyer, George W., assignor.)
- Amco, Incorporated. (See Moore, H. A., and Nielsen, assignors.)
- Amco, Incorporated. (See Morton, William A., assignor.)
- Amco Incorporated. (See Paxton, E. W., and Schmid, assignors.)
- Amdur, Allen H., Chicago, Ill. Toothbrush holder. 1,992,564; Feb. 26.
- Amel, Abraham, Pawtucket, R. I. Thread guide for winding machines. 2,001,374; May 14.
- Amell, Patrick, Honolulu, Territory of Hawaii. Musical top. 2,015,649; Oct. 1.
- Amend, Fred W., Danville, Ill. Kettle scraper. 2,011,699; Aug. 20.
- Amenta, John V., Chicago, Ill. Dental clasp. 2,003,030; May 28.
- American Agricultural Chemical Company, The. (See Haggood, Johnson, assignor.)
- American Agricultural Chemical Company, The. (See Klosky, Simon, assignor.)
- American Agricultural Chemical Company, The. (See Singleton, James T., assignor.)
- American Air Filter Company. (See Nutting, Arthur, assignor.)
- American Anode, Inc. (See Albright, Raymond W., assignor.)
- American Anode, Inc. (See Beal, Carl L., assignor.)
- American Anode, Inc. (See Feikert, Adrian H., assignor.)
- American Anode Incorporated. (See Hansen, M. E., Szegvari, and Morton, assignors.)
- American Anode Incorporated. (See King, Allan S., assignor.)
- American Anode Inc. (See Klein, P., and Gabor, assignors.)
- American Anode Incorporated. (See Murphy, Edward A., assignor.)
- American Anode, Inc. (See Szegvari, Andrew, assignor.)
- American Anode Incorporated. (See Twiss, Douglas F., assignor.)
- American Anode Inc. (See Willson, Edward A., assignor.)
- American Arch Company. (See Siegel, Chester A., assignor.)
- American Armament Corporation. (See Joyce, Bryan P., assignor.)
- American Armament Corporation. (See Miranda, Ignacio J., assignor.)
- American Asphalt Paint Co. (See Ford, Thomas C., assignor.)
- American Automatic Devices Co. (See Howard, Frank C., assignor.)
- American Automatic Devices Co. (See Kovac, Rudolph, assignor.)
- American Bemberg Corporation. (See Bauriedel, G., and Meyer-Gaus, K., assignors.)
- American Bemberg Corporation. (See Bochmann, Otto, assignor.)
- American Bemberg Corporation. (See Hartmann, A., Hoefinghoff, Bauriedel, and Ostermann, assignors.)
- American Bemberg Corporation. (See Hartmann, A., Hoefinghoff, Luchtenberg, and Kempf, assignors.)
- American Bemberg Corporation. (See Hartmann, A., Hoefinghoff, and Meyer-Gaus, assignors.)
- American Bemberg Corporation. (See Hoefinghoff, W., and Hartmann, assignors.)
- American Bemberg Corporation. (See Hoelkeskamp, Franz, assignor.)
- American Bemberg Corporation. (See Hofmann, Hugo, assignor.)
- American Bemberg Corporation. (See Luchtenberg, Alex, assignor.)
- American Bicheroux Company, The. (See Gentil, Eugene, assignor.)
- American Bitumuls Company. (See Carroll, Charles F., assignor.)
- American Butumuls Company. (See Watts, Vilas E., assignor.)
- American Blind Stitch Machine Company. (See Dearborn, Charles A., assignor.)
- American Blower Corporation. (See Morse, C. T., and Hogan, assignors.)
- American Box Board Company. (See Burns, John S., assignor.)
- American Box Board Company. (See Jensen, William B., assignor.)
- American Brake Company, The. (See Redford, John E., assignor.)
- American Brake Shoe and Foundry Company, The. (See Folsom, E. C., assignor.)
- American Brake Shoe and Foundry Company, The. (See Poe, Fred M., assignor.)
- American Brake Shoe and Foundry Company, The. (See Sutherland, Wallace B., assignor.)
- American Brakeblok Corporation. (See Blume, William A., assignor.)
- American Brakeblok Corporation. (See Smith, Harry N., assignor.)
- American Brass Company, The. (See Coe, James R., assignor.)
- American Brass Company, The. (See Freeman, John R., Jr., assignor.)
- American Brass Company, The. (See Hook, Ira T., assignor.)
- American Brass Company, The. (See Jennison, H. C., and Girvin, assignors.)
- American Brass Company, The. (See Jennison, H. C., and Montgomery, assignors.)
- American Brass Company, The. (See Kamack, Henry W., assignor.)
- American Brass Company, The. (See Smith, C. S., and Palmer, assignors.)
- American Brass Company, The. (See Swift, Willis C., assignor.)
- American Brass Company, The. (See Voegell, Henry E., assignor.)
- American Buckle Company, The. (See Salisbury, Jessup, assignor.)
- American Cabinet Hardware, Corp. (See Aldeen, Gedor W., assignor.)
- American Cable Company. (See Bratz, Otto, assignor.)
- American Cable Company. (See Burd, Gorman C., assignor.)
- American Cable Company. (See Williams, Harry, assignor.)
- American Cable Company. (See Williams, H., and Pokorny, assignors.)
- American Can Company. (See Bach, Nails P., assignor.)
- American Can Company. (See Cabot, Walter K., assignor.)
- American Can Company. (See Erb, George C., assignor.)
- American Can Company. (See Erne, Charles H., assignor.)
- American Can Company. (See Foss, Fred G., assignor.)
- American Can Company. (See Gray, James A., assignor.)
- American Can Company. (See Hoffman, Edmund, assignor.)
- American Can Company. (See Holloway, William M., assignor.)
- American Can Company. (See Hothersall, John M., assignor.)
- American Can Company. (See Hunter, Felix, assignor.)
- American Can Company. (See Jeneson, George R., assignor.)
- American Can Company. (See Jones, Herbert W., assignor.)
- American Can Company. (See Le Frank, John D., assignor.)
- American Can Company. (See Lindeburg, Charles F., assignor.)

- American Can Company. (See Maher, William W., assignor.)
 American Can Company. (See McConkie, James E., assignor.)
 American Can Company. (See Murch, John H., assignor.)
 American Can Company. (See Nordquist, Ronald E. J., assignor.)
 American Can Company. (See Nordquist, R. E. J., and LeFrank, assignors.)
 American Can Company. (See Nordquist, Ronald J., assignor.)
 American Can Company. (See Paynter, H. J., and Bumpus, assignors.)
 American Can Company. (See Pechy, William, assignor.)
 American Can Company. (See Peters, John F., assignor.)
 American Can Company. (See Reid, George C., assignor.)
 American Can Company. (See Robinson, John E., assignor.)
 American Can Company. (See Rooney, Walter E., assignor.)
 American Can Company. (See Saalbach, Arthur A., assignor.)
 American Can Company. (See Sampson, D. F., and Hothersall, assignors.)
 American Can Company. (See Saubestre, Basil F., assignor.)
 American Can Company. (See Schoettel, Alfred G., assignor.)
 American Can Company. (See Smith, Harold F., assignor.)
 American Can Company. (See Steerup, Godfrey, assignor.)
 American Can Company. (See Townsend, William S., assignor.)
 American Can Company. (See Walter, George F., assignor.)
 American Can Company. (See Widell, Magnus E., assignor.)
 American Can Company. (See Young, John M., assignor.)
 American Car and Foundry Company. (See Christiansen, J., and Thompson, assignors.)
 American Car and Foundry Company. (See Clarke, A. W., and Dietrichson, assignors.)
 American Car and Foundry Company. (See Dietrichson, William F., assignor.)
 American Car and Foundry Company. (See Ecoff, Francis A., assignor.)
 American Car and Foundry Company. (See Field, Henry P., assignor.)
 American Car and Foundry Company. (See Folmsbee, Clyde H., assignor.)
 American Car and Foundry Company. (See Herdlein, Wallace H., assignor.)
 American Car and Foundry Company. (See Kaseberg, Theodore, assignor.)
 American Car and Foundry Company. (See Kepner, Robert C., assignor.)
 American Car and Foundry Company. (See Knight, John M., assignor.)
 American Car and Foundry Company. (See Rich, Donald U., assignor.)
 American Car and Foundry Company. (See Shultz, R. W., and Stevens, assignors.)
 American Car and Foundry Company. (See Willoughby, Victor, assignor.)
 American Car and Foundry Company. (See Willoughby, V., and Lapworth, assignors.)
 American Car and Foundry Motors Company. (See Chapman, J. F., and Dayes, assignors.)
 American Car and Foundry Motors Company. (See Guernsey, Charles O., assignor.)
 American Car and Foundry Motors Company. (See Mathauer, Edmund G., assignor.)
 American Car & Foundry Motors Company. (See Morris, H. L., and Dayes, assignors.)
 American Cast Iron Pipe Company, The. (See Barrington, William N., assignor.)
 American Cast Iron Pipe Company. (See Moxley, Stephen D., assignor.)
 American Casting & Manufacturing Corporation. (See Dietze, Emil, assignor.)
 American Chain Company. (See Conner, Edward A., assignor.)
 American Chain Company. (See Green, E. F., and Graham, assignors.)
 American Chain Company. (See Hall, Preston M., assignor.)
 American Chain Company. (See Kuhlman, Oscar F., assignor.)
 American Chain Company, The. (See Miller, George F., assignor.)
 American Chain Company. (See Nalle, John M., assignor.)
 American Chain Company. (See Reyburn, John R., assignor.)
 American Chain Company. (See Robinson, Harry G., assignor.)
 American Chain Company, Inc. (See Nalle, John M., assignor.)
 American Chair Company et al. (See Hatch, Orval C., assignor.)
 American Chemical Paint Company. (See Gravell, James H., assignor.)
 American Circular Loom Company. (See Lutz, George A., assignor.)
 American Coach and Body Company, The. (See Larsen, Neil P., assignor.)
 American Coach and Body Company, The. (See Larsen, N. P., Holan, and Hawkins, assignors.)
 American Coin Machine Company. (See Westfall, Ralph R., assignor.)
 American Crayon Company, The. (See Curtis, Earl L., assignor.)
 American Creosoting Company. (See Austin, Harold E., assignor.)
 American Creosoting Company. (See Cook, Jesse C., assignor.)
 American Cyanamid & Chemical Corporation. (See Brush, John G., assignor.)
 American Cyanamid & Chemical Corporation. (See Clark, Cyril B., assignor.)
 American Cyanamid & Chemical Corporation. (See Daniels, L. C., and Jaeger, assignors.)
 American Cyanamid & Chemical Corporation. (See Davis, Clarke F., assignor.)
 American Cyanamid & Chemical Corporation. (See Jaeger, Alphons O., assignor.)
 American Cyanamid & Chemical Corporation. (See Jaeger, A. O., and Pietzsch, assignors.)
 American Cyanamid & Chemical Corporation. (See Jewett, Joseph E., assignor.)
 American Cyanamid & Chemical Corporation. (See Lahey, R. W., and Kast, assignors.)
 American Cyanamid & Chemical Corporation. (See Lahey, R. W., and Sieg, assignors.)
 American Cyanamid & Chemical Corporation. (See Merrill, Wallace D., assignor.)
 American Cyanamid & Chemical Corporation. (See Peck, Robert H., assignor.)
 American Cyanamid & Chemical Corporation. (See Witzel, Heinrich W., assignor.)
 American Cyanamid Company, et al. (See Canon, Frank A., assignor.)
 American Cyanamid Company. (See Bradley, Theodore F., assignor.)
 American Cyanamid Company. (See Christmann, L. J., and Falconer, assignors.)
 American Cyanamid Company. (See Christmann, L. J., and Jayne, assignors.)
 American Cyanamid Company. (See Clark, Cyril B., assignor.)
 American Cyanamid Company. (See Cox, George E., assignor.)
 American Cyanamid Company. (See Foster, George H., assignor.)
 American Cyanamid Company. (See Francisco, Kenneth N., assignor.)
 American Cyanamid Company. (See Griffith, Palmer W., assignor.)
 American Cyanamid Company. (See Heuser, Ralph V., assignor.)
 American Cyanamid Company. (See Kraus, Wilhelm, assignor.)
 American Cyanamid Company. (See Landecker, Max, assignor.)
 American Cyanamid Company. (See Migrdichian, Vartkes, assignor.)
 American Cyanamid Company. (See Moore, William, assignor.)
 American Dairy Supply Company. (See Compton, Harry L., assignor.)
 American Decal Corporation, The. (See McNutt, James F., assignor.)
 American District Steam Company. (See Hall, Robert, assignor.)
 American District Telegraph Company. (See Allan, Thomas M., assignor.)
 American District Telegraph Company. (See Hopkins, Richard M., assignor.)
 American District Telegraph Company. (See Hopkins, R. M., and Farmer, assignors.)
 American District Telegraph Company. (See Hopkins, R. M., and Fedotoff, assignors.)
 American District Telegraph Company. (See Hopkins, R. M., and Kleinknecht, assignors.)
 American District Telegraph Company. (See Hopkins, R. M., Kleinknecht, and Whiteman.)
 American District Telegraph Company. (See Jacobson, Ole A., assignor.)
 American Electric Fusion Corporation. (See Von Henke, Edmund J., assignor.)
 American Electrical Heater Company. (See Kuhn, F., and Thomas, assignors.)
 American Engineering Company. (See Bennett, Joseph S., assignor.)
 American Engineering Company. (See Kay, Frank W., assignor.)
 American Engineering Company. (See Koons, Charles V., assignor.)
 American Engineering Company. (See Lamond, Robert C., assignor.)
 American Engineering Company. (See Link, Harry W., assignor.)
 American Engineering Company. (See Peck, Herbert A., assignor.)
 American Engineering Company. (See Preston, Herbert E., assignor.)
 American Engineering Company. (See Selaya, Manuel J., assignor.)

- American Engineering Company. (See Walker, James H., assignor.)
 American Engineering Company. (See Wheeler, Edward, assignor.)
 American Enka Corporation. (See Bouhuys, Aleidus G., assignor.)
 American Enka Corporation. (See Brandsma, Leo L., assignor.)
 American Enka Corporation. (See Cox, Angus M., assignor.)
 American Enka Corporation. (See Kaliff, Jan, assignor.)
 American Enka Corporation. (See Koch, Theodoor, assignor.)
 American Enka Corporation. (See Koch, T., and Weeldenburg, assignors.)
 American Enka Corporation. (See Moritz, Adrian J. L., assignor.)
 American Enka Corporation. (See Lubberhuizen, Jan W., assignor.)
 American Flange & Manufacturing Company. (See Parish, Richard L., assignor.)
 American Flange & Manufacturing Co. (See Shera, John W., assignor.)
 American Flexible Shaft Manufacture Corporation. (See Morin, Louis H., assignor.)
 American Floor Surfacing Machine Company, The. (See Myers, Harry L., assignor.)
 American Flyer Manufacturing Company. (See Arden, Thomas R., assignor.)
 American Flyer Manufacturing Company. (See Boisselier, Earl D., assignor.)
 American Forging and Socket Company, The. (See Saunders, Walter S., assignor.)
 American Fork & Hoe Company, The. (See Cowdery, Robert H., assignor.)
 American Fork & Hoe Company, The. (See Fifield, Albert F., assignor.)
 American Fork & Hoe Company, The. (See Liotta, Ernest, assignor.)
 American Fork & Hoe Company, The. (See McGuire, George W., assignor.)
 American Fork & Hoe Company, The. (See Stephens, Harry S., assignor.)
 American Fork & Hoe Company, The. (See Tengel, Louis, assignor.)
 American Fork & Hoe Company, The. (See Wilcox, Hallie M., assignor.)
 American Foundry Equipment Company, The. (See Soverhill, Harvey A., assignor.)
 American Gasaccumulator Company. (See Luce, Richard W., assignor.)
 American Gas Accumulator Company. (See Munn, John R., assignor.)
 American Gas Products Corporation. (See Rasch, William T., assignor.)
 American Glycerin Company. (See Mathey, C. A., and Lewis, assignors.)
 American Gypsum Co., The. (See O'Neil, William F., assignor.)
 American Gyro Company. (See Holmes, Edgar R., assignor.)
 American Hair & Felt Company. (See Clements, Arthur L., assignor.)
 American Hair & Felt Company. (See Johnson, Reginald H., assignor.)
 American Hair & Felt Company. (See Phillips, Robert S., assignor.)
 American Hardware Corporation, The. (See Bechert, Fred J., assignor.)
 American Hardware Corporation, The. (See Gold, Russell S., assignor.)
 American Hardware Corporation, The. (See Hurd, Norman B., assignor.)
 American Hardware Corporation, The. (See McKinney, James P., Jr., assignor.)
 American Hardware Corporation, The. (See Moore, Wallace F., assignor.)
 American Hardware Corporation, The. (See Stone, Elmer B., assignor.)
 American Hardware Corporation, The. (See Stone, E. B., and Dyson, assignors.)
 American Hat Company, The. (See Jacobson, Paul, assignor.)
 American Injector Company. (See Trix, Herbert B., assignor.)
 American Instrument Company. (See Greer, David M., assignor.)
 American Kerament Corporation. (See Krauss, Victor P., assignor.)
 American Lace Paper Company. (See Huff, E., and Keiding, assignors.)
 American Lace Paper Company. (See Keiding, Andrew, assignor.)
 American Lace Paper Company. (See Kleckhefer, Robert J., assignor.)
 American-LaFrance and Foamite Corporation. (See Shepard, Allen G., assignor.)
 American La France and Foamite Corporation. (See Smith, Carlisle F., assignor.)
 American La France and Foamite Corporation. (See Walker H., and Boysen, assignors.)
 American Laundry Machinery Company, The. (See Balzer, Fritz, assignor.)
 American Laundry Machinery Company, The. (See Baldwin, George S., assignor.)
 American Laundry Machinery Company, The. (See Beattie, William P., assignor.)
 American Laundry Machinery Company, The. (See Braley, Charles L., assignor.)
 American Laundry Machinery Company, The. (See Couch, Forrest J., assignor.)
 American Laundry Machinery Company, The. (See Daly, Joseph P., assignor.)
 American Laundry Machinery Company, The. (See Gray, Elmer J., assignor.)
 American Laundry Machinery Company, The. (See Hanney, Angus F., assignor.)
 American Laundry Machinery Company, The. (See Heidenfelder, Fred A., assignor.)
 American Laundry Machinery Company, The. (See Hetzer, Russell A., assignor.)
 American Laundry Machinery Company, The. (See Jacker, Richard J., assignor.)
 American Laundry Machinery Company, The. (See Johnson, George W., assignor.)
 American Laundry Machinery Company, The. (See Johnson, Oscar W., assignor.)
 American Laundry Machinery Company. (See Kahn, Leo M., assignor.)
 American Laundry Machinery Company, The. (See Kessler, Carl P., assignor.)
 American Laundry Machinery Company, The. (See Lehmann, Max E., assignor.)
 American Laundry Machinery Company, The. (See Mahoney, John, assignor.)
 American Laundry Machinery Company, The. (See Mall, Edwin A., assignor.)
 American Laundry Machinery Company, The. (See Malott, Clifton S., Jr., assignor.)
 American Laundry Machinery Company, The. (See Matthews, Albert, assignor.)
 American Laundry Machinery Company, The. (See Otis, Charles M., assignor.)
 American Laundry Machinery Company. (See Otis, C. M., and Dean, assignors.)
 American Laundry Machinery Company, The. (See Patterson, John S., assignor.)
 American Laundry Machinery Company, The. (See Sando, Joseph B., assignor.)
 American Laundry Machinery Company, The. (See Sando, J. B., and Brubler, assignors.)
 American Laundry Machinery Company, The. (See Singer, John P., assignor.)
 American Lecithin Company. (See Sorensen, S. O., and Beal, assignors.)
 American Laundry Machinery Company, The. (See Stride, William T., assignor.)
 American Laundry Machinery Company, The. (See Taylor, J. H., and Lauder, assignors.)
 American Laundry Machinery Company. (See Waream, Charles E., assignor.)
 American Lead Pencil Company. (See Grossman, Harold, assignor.)
 American Lecithin Company. (See Bolen, Paul, assignor.)
 American Lecithin Company. (See Jordan, Stroud, assignor.)
 American Lecithin Company. (See Rewald, Bruno, assignor.)
 American Lecithin Company. (See Schwieger, Albert, assignor.)
 American Linen Company. (See Olson, Otto H., assignor.)
 American Locomotive Company. (See Blunt, James G., assignor.)
 American Locomotive Company. (See Bruce, Alfred W., assignor.)
 American Locomotive Company. (See Kindervater, Julius, assignor.)
 American Locomotive Company. (See Strandberg, A. K., Weber, and Ipsen, assignors.)
 American Loth Corporation. (See Blancard, Jean R. G. J., assignor.)
 American Lurgi Corporation. (See Debuch, Carl P., assignor.)
 American Lurgi Corporation. (See Debuch, C. P., and Markworth, assignors.)
 American Lurgi Corporation. (See Ebner, Karl, assignor.)
 American Lurgi Corporation. (See Freise, Max G., assignor.)
 American Lurgi Corporation. (See Gensecke, Wilhelm, assignor.)
 American Lurgi Corporation. (See Heinemann, Karl, assignor.)
 American Lurgi Corporation. (See Herbert, Willy, assignor.)
 American Lurgi Corporation. (See Klencke, H. and Sachs, assignors.)
 American Lurgi Corporation. (See Kreissler, Otto, assignor.)
 American Lurgi Corporation. (See von Girsewald, Conway, Baron, assignor.)
 American Lurgi Corporation. (See von Girsewald, Conway B., Siecke and Wohlwill, assignors.)
 American Lurgi Corporation. (See von Schlippenbach, Felix F., assignor.)
 American Lurgi Corporation. (See Wefelscheld, Paul, assignor.)
 American Lurgi Corporation. (See Weidmann, Hans., assignor.)

- American Machine & Foundry Company. (See Arelt, C., and Nejedly, assignors.)
 American Machine & Foundry Company. (See Bronander, Wilhelm B., assignor.)
 American Machine & Foundry Company. (See Bronander, W. B., and Arelt, assignors.)
 American Machine & Foundry Company. (See Chandler, Robert J. A., assignor.)
 American Machine & Foundry Company. (See Debuff, Walter F., assignor.)
 American Machine & Foundry Company. (See Farmer, Fred, assignor.)
 American Machine & Foundry Company. (See Farmer, F., and Andersen, assignors.)
 American Machine & Foundry Company. (See Ferenci, Lester, assignor.)
 American Machine & Foundry Company. (See Foernsler, Max E., assignor.)
 American Machine & Foundry Company. (See Gwinn, George W., assignor.)
 American Machine & Foundry Company. (See Jensen, Thormod, assignor.)
 American Machine & Foundry Company. (See Leary, James W., assignor.)
 American Machine & Foundry Company. (See Maxwell, Charles G., assignor.)
 American Machine & Foundry Company. (See Mertis, Elmer F., assignor.)
 American Machine & Foundry Company. (See Rundell, Rupert E., assignor.)
 American Machine & Foundry Company. (See Schmitt, Frank R., assignor.)
 American Machine & Foundry Company. (See Smith, Elberon D., assignor.)
 American Machine & Foundry Company. (See Van Veen, Anton, assignor.)
 American Machine and Metals, Inc. (See Adams, Arthur H., assignor.)
 American Machine and Metals, Inc. (See De Bothezat, George, assignor.)
 American Machine and Metals, Inc. (See Gross, Carl G., assignor.)
 American Machine and Metals, Inc. (See Schenck, Le Roy C., assignor.)
 American Machine and Metals, Inc. (See Stein, H., Gross, and Luci, assignors.)
 American Machine and Metals Manufacturing Corporation. (See Gross, Carl G., assignor.)
 American Machine Products Company. (See Francis, Edgar A., assignor.)
 American Magnesium Metals Corporation. (See Hansgirk, Fritz, assignor.)
 American Magnesium Metals Corporation. (See Kemmer, Frank R., assignor.)
 American Mail-O-Press Corporation. (See Royster, D. O., and Reller, assignors.)
 American Manganese Steel Company. (See Mason, MacDonald, assignor.)
 American Manganese Steel Co. (See McPherson, Howard A., assignor.)
 American Manganese Steel Company. (See Murtaugh, Joseph P., assignor.)
 American Manganese Steel Company. (See Whisler, Thomas C., assignor.)
 American Manganese Steel Company. (See Williams, Russell J., assignor.)
 American Manganese Steel Company. (See Young, Donald H., assignor.)
 American Metal Company. (See Eppensteiner, William F., assignor.)
 American Metal Company, The. (See Hewgill, Russell, assignor.)
 American Metals Corporation. (See Muscat, Lazarus, assignor.)
 American Meter Company. (See Benson, Arthur F., assignor.)
 American Meter Company. (See Bruder, J., and Boyd, assignors.)
 American Meter Company. (See Diehl, John C., assignor.)
 American Meter Company. (See Rockafellow, Edward, assignor.)
 American Mine Door Company, The. (See Kirk, Edward C., assignor.)
 American Model Engineers. (See Smith, Clifford H., assignor.)
 American Moistening Company. (See Loepsinger, Albert J., assignor.)
 American Moistening Company. (See Loepsinger, A. J., and Trafton, assignors.)
 American Morgan Company. (See Morgan, Edmund C., assignor.)
 American Murex Corporation. (See Roberts, A. T., and Paterson, assignors.)
 American Optical Company. (See Baker, Nelson M., assignor.)
 American Optical Company. (See Boyes, Edward J., assignor.)
 American Optical Company. (See Brooks, Harry H., assignor.)
 American Optical Company. (See Forshey, Elmore A., assignor.)
 American Optical Company. (See Gagnon, L. L., and Wheeler, assignors.)
 American Optical Company. (See Laabs, Max A., assignor.)
 American Optical Company. (See Maynard, Albert E., assignor.)
 American Optical Company. (See Pratt, Arthur J., assignor.)
 American Optical Company. (See Pellow, A., and Goddu, assignors.)
 American Optical Company. (See Splaine, Edward M., assignor.)
 American Optical Company. (See Styll, Harry H., assignor.)
 American Optical Company. (See Tillyer, Edgar D., assignor.)
 American Oxythermic Corporation. (See Frankl, Mathias, assignor.)
 American Pad & Textile Company, The. (See Brown, Frederick L., assignor.)
 American Paper Bottle Company, The. (See Scott, Henry T., assignor.)
 American Paper Goods Company, The. (See Cooley, Henry B., assignor.)
 American Pearl Button Company. (See Lovelett, Lloyd R., assignor.)
 American Perforator Company, The. (See Anderson, J. R. and Rix, assignors.)
 American Plush & Velvet Pressboard Co. (See Bass, Rubin, assignor.)
 American Porcelain Company. (See Hoffmann, Fred P., assignor.)
 American Potash & Chemical Corporation. (See Black, L. G., and Rich, assignors.)
 American Potash & Chemical Corporation. (See Burke, W. E., Allen, Gale, Ritchie, and Peet, assignors.)
 American Propeller Company, The. (See Heath, Spencer, assignor.)
 American Pulley Company, The. (See Coppock, Walter J., assignor.)
 American Radiator Company. (See Brabbée, Charles W., assignor.)
 American Radiator Company. (See Cornell, Edward S., Jr., assignor.)
 American Radiator Company. (See Morse, Clark T., assignor.)
 American Radiator Company. (See Ullman, Herbert G., assignor.)
 American Radiator Company. (See Wales, George F., assignor.)
 American Radiator Company. (See Woolley, Clarence M., assignor.)
 American Radiator & Standard Sanitary Corporation. (See Cornell, Edward S., Jr., assignor.)
 American Radiator & Standard Sanitary Mfg. Company, The. (See Wendel, Otto G., assignor.)
 American Rayon Company. (See Furness, William H., assignor.)
 American Reinforced Paper Company. (See Jackson, Patrick T., assignor.)
 American Reinforced Paper Company. (See Smith, Edward C., assignor.)
 American Reinforced Paper Company. (See White, Edwin H., assignor.)
 American Research Products Inc. (See Pacini, August J., assignor.)
 American Rolling Mill Company, The. (See Allsworth, T. W., Schlup, and Long, assignors.)
 American Rolling Mill Company, The. (See Asbury, Ralph E., assignor.)
 American Rolling Mill Company, The. (See Bottoms, James R., assignor.)
 American Rolling Mill Company, The. (See Delany, A. G., and Hughes, assignors.)
 American Rolling Mill Company, The. (See Freeze, Jonathan R., assignor.)
 American Rolling Mill Company. (See Freeze, J. R., and Shartle, assignors.)
 American Rolling Mill Company, The. (See Hofer, William H., assignor.)
 American Rolling Mill Company, The. (See Hoover, George R., assignor.)
 American Rolling Mill Company, The. (See Hoover, G. R., and Marshall, assignors.)
 American Rolling Mill Company, The. (See Hoover, G. R., and Shafer, assignors.)
 American Rolling Mill Company, The. (See Hoover, G. R., and Thomas, assignors.)
 American Rolling Mill Company, The. (See Hudson, Edwin B., assignor.)
 American Rolling Mill Company, The. (See Hughes, Guy N., assignor.)
 American Rolling Mill Company, The. (See Reeve, George A., assignor.)
 American Rolling Mill Company, The. (See Ricketts, Ethelyn B., assignor.)
 American Rolling Mill Company, The. (See Ricketts, E. B., and Moon, assignors.)
 American Rolling Mill Company, The. (See Snyder, Hubert E., assignor.)
 American Safety Razor Corporation. (See Behrman, Marcus B., assignor.)
 American Safety Razor Corporation. (See Docherty, Samuel, assignor.)
 American Safety Razor Corporation. (See Duritz, Stephen J., assignor.)
 American Safety Razor Corporation. (See Holtzman, John, assignor.)

- American Safety Razor Corporation. (See Zeller, Isaiah N., assignor.)
- American Sales Book Company. (See Bottle, Edward K., assignor.)
- American Sales Book Company. (See Bright, Jesse D., assignor.)
- American Sales Book Company. (See Caton, William D., assignor.)
- American Sales Book Company. (See Clark, Hugh D., assignor.)
- American Sales Book Company. (See Hagemann, Louis F., assignor.)
- American Sales Book Company. (See Janney, John B., assignor.)
- American Sales Book Company. (See Lawson, Albert R., assignor.)
- American Sales Book Company. (See Stevens, Gray, assignor.)
- American Sales Book Company, Inc. (See Thrift, Tim, assignor.)
- American Sales Book Company, Limited. (See Lister, James T., assignor.)
- American Sales Book Company, Limited. (See Pringle, William A., assignor.)
- American Sales Book Company, Limited. (See Wiswall, William J., assignor.)
- American Sealcone Corporation. (See Winton, Lewis B., assignor.)
- American Seating Company. (See Barrett, Glenn J., assignor.)
- American Seating Company. (See Hammond, Almerion J., assignor.)
- American Seating Company. (See Hanson, Walter M., assignor.)
- American Seating Company. (See Nordmark, Henry P., assignor.)
- American Seating Company. (See Nordmark, H. P., and Merrill, assignors.)
- American Screw Company. (See Roddy, Vincent J., assignor.)
- American Sheet and Tin Plate Company. (See Belding, Harvey R., assignor.)
- American Sheet and Tin Plate Company. (See Dahl, Lawrence S., assignor.)
- American Sheet and Tin Plate Company. (See Dahl, L. S., and Peet, assignors.)
- American Sheet and Tin Plate Company. (See Goins, Alfred C., assignor.)
- American Sheet and Tin Plate Company. (See Goodhue, William L., assignor.)
- American Sheet and Tin Plate Company. (See Graf, J. E., and Marshall, assignors.)
- American Sheet and Tin Plate Company. (See Lorig, Edwin T., assignor.)
- American Sheet and Tin Plate Company. (See Lorig, E. T., and Moore, assignors.)
- American Sheet and Tin Plate Company. (See McIlvried, Howard G., assignor.)
- American Sheet and Tin Plate Company. (See Moore, Carl E., assignor.)
- American Sheet and Tin Plate Company. (See Peterson, Rolland E., assignor.)
- American Sheet and Tin Plate Company. (See Scheff, Frederick K., assignor.)
- American Sheet and Tin Plate Company. (See Schutte, Harry S., assignor.)
- American Sheet and Tin Plate Company. (See Tamplin, William C., assignor.)
- American Sheet and Tin Plate Company. (See Walter, Bruno H., assignor.)
- American Sheet and Tin Plate Company. (See Warden, Alva F., assignor.)
- American Sheet and Tin Plate Company. (See Whetzel, J. C., and Zimmerman, assignors.)
- American Ship Building Company, The. (See Bodenlos, Robert I., assignor.)
- American Ship Building Company, The. (See von Haase, George, assignor.)
- American Shoe Machinery and Tool Company. (See Krag, Harry W., assignor.)
- American Shoe Machinery Corporation. (See Wright, Wallace C., assignor.)
- American Silk Mills, Inc. (See Rubin, Milton H., assignor.)
- American Slicing Machine Company. (See Campbell, William J., assignor.)
- American Smelting and Refining Company. (See Betterton, Jesse O., assignor.)
- American Smelting and Refining Company. (See Betterton, J. O., and Hanson, assignors.)
- American Smelting and Refining Company. (See Betterton, J. O., and Lebedeff, assignors.)
- American Smelting and Refining Company. (See Fleming, E. P., and Palmer, assignors.)
- American Smelting and Refining Company. (See Hanson, C. W., and Kowalski, assignors.)
- American Smelting and Refining Company. (See Hasche, Rudolph L., assignor.)
- American Smelting and Refining Company. (See Mac-Michael, Hugh R., assignor.)
- American Smelting and Refining Company. (See Monson, Harold H., assignor.)
- American Smelting and Refining Company. (See Reid, Walter S., assignor.)
- American Smelting and Refining Company. (See Teats, Roscoe, assignor.)
- American Stay Company. (See Merrick, Frank W., assignor.)
- American Stay Company. (See Murray, Albert C., assignor.)
- American Stay Company. (See Presby, Leroy Q., assignor.)
- American Steam Pump Company. (See Whittington, William P., assignor.)
- American Steel Foundries. (See Aurien, Ray G., assignor.)
- American Steel Foundries. (See Baselt, Walter H., assignor.)
- American Steel Foundries. (See Bullard, Clyde O., assignor.)
- American Steel Foundries. (See Darby, Robert F., assignor.)
- American Steel Foundries. (See Hedgcock, William C., assignor.)
- American Steel Foundries. (See Hedgcock, W. C., and Busse, assignors.)
- American Steel Foundries. (See Kayler, Frank H., assignor.)
- American Steel Foundries. (See Kinne, Edmund P., assignor.)
- American Steel Foundries. (See Kinne, E. P., and Kayler, assignors.)
- American Steel Foundries. (See Lamont, John A., assignor.)
- American Steel Foundries. (See Mitchell, Ormah R., assignor.)
- American Steel Foundries. (See Oelkers, Alfred H., assignor.)
- American Steel Foundries. (See Oelkers, A. H., and Floyd, assignors.)
- American Steel Foundries. (See Peycke, Armand H., assignor.)
- American Steel Foundries. (See Small, Arthur E., assignor.)
- American Steel Foundries. (See Voight, Harry G., assignor.)
- American Steel Foundries. (See Walcher, Alfred, assignor.)
- American Steel Package Company, The. (See Behringer, Grover F., assignor.)
- American Steel & Wire Company. (See Reis, Charles G., assignor.)
- American Steel and Wire Company of New Jersey. (See Beatty, C. C., and Lloyd, assignors.)
- American Steel and Wire Company of New Jersey, The. (See Brickman, A. E., and Gleason, assignors.)
- American Steel and Wire Company of New Jersey, The. (See Carlson, Clarence O., assignor.)
- American Steel and Wire Company of New Jersey. (See Febrey, Harold H., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Froude, Albert W., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Gleason, G. A., and Hayden, assignors.)
- American Steel & Wire Company of New Jersey, The. (See Hauk, Joseph, assignor.)
- American Steel and Wire Company of New Jersey. (See Henry, William M., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Hill, C. C., and Henry, assignors.)
- American Steel and Wire Company of New Jersey, The. (See Hilix, Foster F., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Leonard, William E., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Lloyd, Elmer J., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Moreira, Salvador, assignor.)
- American Steel and Wire Company of New Jersey, The. (See Morrison, James J., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Murphy, Edward M., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Neely, Roy M., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Patterson, Henry R., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Peirce, Walter T., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Shearer, Raymond B., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Statz, John, assignor.)
- American Steel & Wire Company of New Jersey, The. (See Williams, Thomas D., assignor.)
- American Sterilizer Company. (See Jewell, Raymond L., assignor.)
- American Sterilizer Company. (See Jewell, R. L., and Underwood, assignors.)
- American Stove Company. (See Brumbaugh, Isaac V., assignor.)
- American Stove Company. (See Meacham, Benjamin E., assignor.)
- American Stove Company. (See Moecker, Arnold H., assignor.)
- American Stove Company. (See Moecker, Henry, Jr., assignor.)
- American Stove Company. (See Stockstrom, A., and Kosky, assignors.)

- American Sugar Refining Company, The. (See Alfred, Clarence J., assignor.)
 American Sugar Refining Company, The. (See Irvine, William L., assignor.)
 American Swiss Company, The. (See Rightmyer, Holden W., assignor.)
 American Tap Bush Company. (See Rice, Frank E., assignor.)
 American Tar Products Co. Inc. (See Rhodes, E. O., and Fitzpatrick, assignors.)
 American Telephone and Telegraph Company. (See Abraham, L. G., and Mitchell, assignors.)
 American Telephone and Telegraph Company. (See Abraham, L. G., Mitchell, and Hawkins, assignors.)
 American Telephone and Telegraph Company. (See Affel, Herman A., assignor.)
 American Telephone and Telegraph Company. (See Almquist, M. L., and Thompson, assignors.)
 American Telephone and Telegraph Company. (See Almquist, M. L., Edwards, and Clutts, assignors.)
 American Telephone and Telegraph Company. (See Anderson, Emil N., assignor.)
 American Telephone and Telegraph Company. (See Bailey, A., Harper, and Willis, assignors.)
 American Telephone and Telegraph Company. (See Bailey, A., and Wintringham, assignors.)
 American Telephone and Telegraph Company. (See Bailey, Rand S., assignor.)
 American Telephone and Telegraph Company. (See Bascom, H. M., Friend, and McDavitt, assignors.)
 American Telephone and Telegraph Company. (See Best, Fred H., assignor.)
 American Telephone and Telegraph Company. (See Bierstedt, G. C., (assignor) and Mills.)
 American Telephone and Telegraph Company. (See Bolton, J. K., and Zieschang, assignors.)
 American Telephone and Telegraph Company. (See Chase, Leland H., assignor.)
 American Telephone and Telegraph Company. (See Clark, Jean H., assignor.)
 American Telephone and Telegraph Company. (See Coolidge, O. H., and Weaver, assignors.)
 American Telephone and Telegraph Company. (See Corderman, Roy C., assignor.)
 American Telephone and Telegraph Company. (See Cowan Frank A., assignor.)
 American Telephone and Telegraph Company. (See Darrow, W. E., and Peterson, assignors.)
 American Telephone and Telegraph Company. (See Davidsmeyer, O. H., and Stoltenberg, assignors.)
 American Telephone and Telegraph Company. (See Demarest, Charles S., assignor.)
 American Telephone and Telegraph Company. (See Dencklau, Karl R., assignor.)
 American Telephone and Telegraph Company. (See Edwards, Paul G., assignor.)
 American Telephone and Telegraph Company. (See Edwards, P. G., and Clutts, assignors.)
 American Telephone and Telegraph Company. (See Edwards, W. H., and Dietze, assignors.)
 American Telephone and Telegraph Company. (See Edwards, W. H., and Grant, assignors.)
 American Telephone and Telegraph Company. (See Espenschied, L., and Green, assignors.)
 American Telephone and Telegraph Company. (See Flowers, Rex H., assignor.)
 American Telephone and Telegraph Company. (See Gannett, Danforth K., assignor.)
 American Telephone and Telegraph Company. (See Green, Estill L., assignor.)
 American Telephone and Telegraph Company. (See Green, E. I., and Leibe, assignors.)
 American Telephone and Telegraph Company. (See Greene, M., Halligan, and Wagner, assignors.)
 American Telephone and Telegraph Company. (See Henneberger, Thomas C., assignor.)
 American Telephone and Telegraph Company. (See Holden, William H. T., assignor.)
 American Telephone and Telegraph Company. (See Hollmann, Hans E., assignor.)
 American Telephone and Telegraph Company. (See Honaman, Richard K., assignor.)
 American Telephone and Telegraph Company. (See Hubbard, Francis A., assignor.)
 American Telephone and Telegraph Company. (See Hunter, Russell N., assignor.)
 American Telephone & Telegraph Company. (See Ladner, Henry, assignor.)
 American Telephone and Telegraph Company. (See Leibe, Frank A., assignor.)
 American Telephone and Telegraph Company. (See Lewis, B. F., and Merrill, assignors.)
 American Telephone and Telegraph Company. (See Lockrow, Laurice L., assignor.)
 American Telephone and Telegraph Company. (See Lofgren, Benjamin F., assignor.)
 American Telephone & Telegraph Company. (See Low, John S., assignor.)
 American Telephone and Telegraph Company. (See Martin, William H., assignor.)
 American Telephone and Telegraph Company. (See McCann, Thomas A., assignor.)
 American Telephone and Telegraph Company. (See McDavitt, Marcellus B., assignor.)
 American Telephone and Telegraph Company. (See Miller, C. G., and Bonorden, assignors.)
 American Telephone and Telegraph Company. (See Mitchell, Doren, assignor.)
 American Telephone and Telegraph Company. (See Mitchell, D., and Schott, assignors.)
 American Telephone and Telegraph Company. (See Moody, D. L., and Newby, assignors.)
 American Telephone and Telegraph Company. (See Newby, N. D., and Moody, assignors.)
 American Telephone and Telegraph Company. (See Newforth, Frank, assignor.)
 American Telephone and Telegraph Company. (See Nyquist, Harry, assignor.)
 American Telephone and Telegraph Company. (See Patche, Clinton J., assignor.)
 American Telephone and Telegraph Company. (See Peterson, George H., assignor.)
 American Telephone and Telegraph Company. (See Phelps, Henry E., assignor.)
 American Telephone and Telegraph Company. (See Rea, Wilton T., assignor.)
 American Telephone and Telegraph Company. (See Rea, W. T., and Henneberger, assignors.)
 American Telephone and Telegraph Company. (See Shackleton, Samuel P., assignor.)
 American Telephone and Telegraph Company. (See Singer, F. J., and Swezey, assignors.)
 American Telephone and Telegraph Company. (See Staples, Elliot M., assignor.)
 American Telephone and Telegraph Company. (See Stone, John S., assignor.)
 American Telephone and Telegraph Company. (See Sturdy, William W., assignor.)
 American Telephone and Telegraph Company. (See Sultzer, M., and Swart, assignors.)
 American Telephone and Telegraph Company. (See Swart, Leland K., assignor.)
 American Telephone and Telegraph Company. (See Taylor, Edmund R., assignor.)
 American Telephone and Telegraph Company. (See Taylor, Edmund R. and C. C., assignors.)
 American Telephone and Telegraph Company. (See Taylor, E. R., and Mitchell, assignors.)
 American Telephone and Telegraph Company. (See Thomas, Adolph A., assignor.)
 American Telephone and Telegraph Company. (See Townsend, George F., assignor.)
 American Telephone and Telegraph Company. (See Wadsworth, P. W., and Taylor, assignor.)
 American Telephone and Telegraph Company. (See Watson, Edward F., assignor.)
 American Telephone and Telegraph Company. (See Winsor, Paul, Jr., assignor.)
 American Telephone and Telegraph Company. (See Wright, Sumner B., assignor.)
 American Telephone and Telegraph Company. (See Wright, S. B., and Mitchell, assignors.)
 American Television Laboratories, Inc. (See De Forest, Lee, assignor.)
 American Textile Corporation. (See Ruttenberg, Charles, assignor.)
 American Thermos Bottle Company, The. (See Duevel, C. O., and Payson, assignors.)
 American Thermos Bottle Company, The. (See Payson, Arthur H., assignor.)
 American Throttle Company. (See Boyes, Frederick A., assignor.)
 American Tire Guard Company. (See Ludwick, Herbert V., assignor.)
 American Tissue Mills. (See Wendling, Betty, assignor.)
 American Tobacco Company. (See Gibson, C. H., Downs, and Fuse, assignors.)
 American Tobacco Company, The. (See Maxwell, Charles G., assignor.)
 American Tool and Machine Company. (See Pretto, Henry J., assignor.)
 American Tool and Machine Company. (See Tholl, John F., assignor.)
 American Tool and Machine Company. (See Williams, Frank I., assignor.)
 American Tool Works Company, The. (See Hoelscher, William G., assignor.)
 American Tool Works Company, The. (See Hoelscher, W. G., and Robinson, assignors.)
 American Tractor Equipment Corporation. (See Knapp, John F., assignor.)
 American Transformer Company. (See Gaston, John R., assignor.)
 American Tube and Cap Corporation. (See Mitchell, August, assignor.)
 American Type Founders Company. (See Kelly, William M., assignor.)
 American Valve and Meter Company, The. (See Bolt, Malon C., assignor.)
 American Voith Contact Co. (See Lang, R. T., and Thaler, assignors.)
 American Water Softener Company. (See Waugh, Harvey C., assignor.)
 American Well & Prospecting Company. (See Duda, Oswald, assignor.)
 American Wilderman Porous Ebonite Company, The. (See Wilderman, Meyer, assignor.)
 American Window Glass Company. (See Bishop, Frederic L., assignor.)

- American Window Glass Company. (See Donnini, Edlo, assignor.)
- American Window Glass Company. (See Menoher, Harrison D., assignor.)
- American Window Glass Company. (See Monro, William L., assignor.)
- American Woodlite Corporation. (See Wood, William G., assignor.)
- American Wringer Company. (See Keltie, George R., assignor.)
- American Writing Paper Company. (See Jackson, Percy A., assignor.)
- American Writing Paper Company, et al. (See McCorkindale, William P., assignor.)
- American Writing Paper Company. (See Reynolds, Lafayette C., assignor.)
- American "Z" Corporation. (See Zarotschenzeff, Mikail T., assignor.)
- American Zinc, Lead & Smelting Company. (See Calbeck, John H., assignor.)
- American Zinc, Lead & Smelting Company. (See Depew, H. A., assignor.)
- American Zinc, Lead & Smelting Company. (See Eide, Alwin C., assignor.)
- American Zinc, Lead & Smelting Company. (See Eide, A. C., and Calbeck, assignors.)
- American Zinc, Lead & Smelting Company. (See MacIntire, Walter H., assignor.)
- Ames Baldwin Wyoming Co. (See Nipher, Edwin T., assignor.)
- Ames Baldwin Wyoming Co. (See Ready, William A., assignor.)
- Ames, George P., Springfield, Mass. Power driven can opening machine. 2,011,170 Aug. 13.
- Amesbury, Ernest G., Pittsburgh, Pa. Catwalk. 2,024,904; Dec. 17.
- Amezua, Heriberto, assignor of one-fifth to A. R. Kahn, Laredo, Tex. Concrete building construction. 2,001,696; May 21.
- Amico, Charles, Passaic, N. J. Wind motor. 2,023,659; Dec. 10.
- Amidon, Charles H., assignor to Norton Company, Worcester, Mass. Crankshaft grinding machine. 2,012,263; Aug. 27.
- Amidon, Norman S., Lapeer, Mich. Battery vent cap. 1,999,952; Apr. 30.
- Amity Leather Products Co. (See Green, H., and Stember, assignors.)
- Amity Leather Products Co. (See Rolfs, Robert H., assignor.)
- Amity Leather Products Co. (See Wege, Philip, assignor.)
- Ammann, Ernst, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Weldrod. 1,999,888; Apr. 30.
- Ammann, Paul, Paris, France. Treating earth-nut kernels. 2,003,415; June 4.
- Ammerman, James W., J. W. Barker, W. H. Klopfer, and F. C. Manss, assignors to Andes Range and Furnace Corp., Geneva, N. Y. Gas and coal range. 2,002,384; May 21.
- Ammon, Edward R., Reading, Pa. Expandible form for inspecting hose. 2,010,172; Aug. 6.
- Ammon, Edward R., Reading, Pa. Automatic counter for textiles. 2,022,613; Nov. 26.
- Ammon, Edward R., Reading, Pa. Toe stretching mechanism for hose inspection devices. 2,023,946; Dec. 10.
- Amo, Ivan J. (See Gutzwiller, Erwin C., assignor.)
- Amorite Equipment Incorporated. (See Clark, Raymond L., assignor.)
- Amos, Frank H. (See Allan, J. R. and Amos.)
- Amoskeag Manufacturing Company, Trustees. (See Twaddle, William F., assignor.)
- Ampex, Inc. (See Hupper, William, assignor.)
- Amsdell, Larell J., Beechhurst, N. Y. Fluid receptacle. 2,009,467; July 30.
- Amstler, Walter O., Toledo, Ohio, assignor to Simplex Engineering Company, Washington, Pa. Apparatus for drawing glass. 2,003,525; June 4.
- Amsterdam, Lilly, Newark, N. J. Hand bag. 2,019,035; Oct. 29.
- Amy, Aceves & King, Inc. (See Aceves, J. G., and Amy, assignors.)
- Amy, Aceves & King, Incorporated. (See Amy, E. V. and King, assignors.)
- Amy, Ernest V. (See Aceves, J. G., and Amy.)
- Amy, Ernest V., and F. King, assignors to Amy, Aceves & King, Incorporated, New York, N. Y. Multiplex receiver system. 1,995,731; Mar. 26.
- Anable, Francis M., Chicago Heights, and G. Klein, Chicago, Ill., assignors to Victor Chemical Works. Production of di-sodium phosphate. 1,998,182; Apr. 16.
- Anacin Company. (See Hulbert, Edwin F., assignor.)
- Anaconda Copper Mining Company. (See Laist, Frederick, assignor.)
- Anaconda Copper Mining Company. (See Macan, Harry C., assignor.)
- Anaconda Copper Mining Company. (See Thomas, William J., assignor.)
- Anaconda Wire & Cable Company. (See Bassett, William H., assignor.)
- Anaconda Wire & Cable Company. (See Caldes, Constantine A., assignor.)
- Anaconda Wire & Cable Company. (See Casey, Edward A., assignor.)
- Anaconda Wire & Cable Company. (See French, Stanley F., assignor.)
- Anaconda Wire & Cable Company. (See French, S. F., and Junghanns, assignors.)
- Anaconda Wire & Cable Company. (See Junghanns, Ernest L., assignor.)
- Anaconda Wire & Cable Company. (See Kennedy, Joseph A., assignor.)
- Anaconda Wire & Cable Company. (See Little, Thomas J., assignor.)
- Anaconda Wire & Cable Company. (See Rosch, Samuel J., assignor.)
- Anaconda Wire & Cable Company. (See Smedley, Anderson B., assignor.)
- Anaconda Wire & Cable Company. (See Thompson, Harry E., assignor.)
- Anchor Cap & Closure Corporation. (See Darling, Frank L., assignor.)
- Anchor Cap & Closure Corporation. (See Gibbs, John C., assignor.)
- Anchor Cap & Closure Corporation. (See Hammer, Charles, assignor.)
- Anchor Cap & Closure Corporation. (See Mullen, George W., assignor.)
- Anchor Cap & Closure Corporation. (See Nolan, John R., assignor.)
- Anchor Cap & Closure Corporation. (See Pahls, John J., assignor.)
- Anchor Cap & Closure Corporation. (See Podel, Abraham, assignor.)
- Anchor Cap & Closure Corporation. (See Raney, Marion H., assignor.)
- Anchor Cap & Closure Corporation. (See Scofield, Edgar, assignor.)
- Anchor Cap & Closure Corporation. (See Von Till, Louis A., assignor.)
- Anchor Steel & Conveyer Company. (See Waalkes, Gerrit, assignor.)
- Anchor Cap & Closure Corporation. (See Wickman, Eric, assignor.)
- Anchor Duck Mills. (See Towers, Donigan D., assignor.)
- Anchor, James, Detroit, Mich. Actuated fender shield. 2,000,813; May 7.
- Anchors, George R., Rutherford, N. J. Vehicle signal. 1,987,459; Jan. 8.
- Anciens Etablissements Barbier, Benard & Turenne. (See Charvet, Gustave, assignor.)
- Anciens Etablissements R. Cornely & Cie., Société Anonyme. (See Ollendorff, Jacques, assignor.)
- Andale Company. (See McNeal, Daniel R., assignor.)
- Anderberg, Anders and E. A. Anderberg, Lund, Sweden. Apparatus for drawing off compressed gases from internal combustion engines. 1,999,269; Apr. 30.
- Anderberg, Erik Anders. (See Anderberg, Anders, and E. A.)
- Anderberg, Fritz H., Centerville, S. Dak. Tire inflater. 2,001,233; May 14.
- Anderegg, Frederick O., Forest Hills Borough, Pa. Window structure. 2,011,557; Aug. 20.
- Anderegg, Reuben H., LaCrosse, Wis. Air conditioning. 2,014,959; Sept. 17.
- Anderl, William F. J., David City, Nebr. Counter display rack. 2,013,085; Sept. 3.
- Andersag, Hans. (See Jostes, F., Jung, and Andersag.)
- Andersen, Andrew C. (See Van Voorhees, H. E., Andersen, and Archer.)
- Andersen, Axel G. H. (See Lundquist, A., and Andersen.)
- Andersen, Carl N., Watertown, Mass., assignor to Lever Brothers Company. Aryl mercuric heterocyclic carboxylates. 2,022,997; Dec. 3.
- Andersen, Charles H. (See Marsh, F. E., and Andersen.)
- Andersen, Christian S. (See Schellhammer, A. L., Andersen, and Kroeker.)
- Andersen, Helmer. (See Farmer, F., and Andersen.)
- Andersen, Paul, Brooklyn, N. Y. Push-pole vehicle. 2,005,910; June 25.
- Andersen Frame Corporation. (See Swanson, Earl C., assignor.)
- Anderskow, Alex A. (See Mosher, Howard D., assignor.)
- Anderson, Abram A., New York, N. Y. Aircraft. 2,010,743; Aug. 6.
- Anderson, Alden G., North Easton, Mass. Garment hanger. 2,014,061; Sept. 10.
- Anderson, Albert & J. M., Manufacturing Company. (See Reynolds, Charles H., assignor.)
- Anderson, Albert & J. M., Manufacturing Company. (See Sundberg, Carl E., assignor.)
- Anderson, Alfred, Rutherford, N. J., assignor to The Patent and Licensing Corporation, Boston, Mass. Building material and method of and apparatus for making same. 2,013,332; Sept. 3.
- Anderson, Almer A., assignor of one-half to Wm. Phelps Totten, Seattle, Wash. Ore reduction furnace and condensing chamber. 2,012,092; Aug. 20.
- Anderson, Alrick B. (See Loughlin, D. M., and Anderson.)
- Anderson, Anders G., Stoneham, Mass. Glazier's tool. 2,010,744; Aug. 6.
- Anderson, Anthony V. and J. E., and J. C. Lee, Hamilton, Ontario, assignors to George H. Jackson Limited, Toronto, Ontario, Canada. Horseshoe. 2,021,217; Nov. 19.
- Anderson, Anthony V., J. E. Anderson, and J. C. Lee, Hamilton, Ontario, assignors to G. H. Jackson, Limited, Toronto, Ontario, Canada. Horseshoe. 2,024,265; Dec. 17.

- Anderson, Arthur, St. Paul, Minn. Lever for operating variable electric speed boxes. 2,024,792; Dec. 17.
- Anderson, August E., Montclair, N. J. Spark plug with supported gap. 2,017,364; Oct. 15.
- Anderson, Arvid E., Drexel Hill, Pa., assignor to General Electric Company. Automatic reclosing circuit breaker system. 2,006,254; June 25.
- Anderson Banking Company, executor. (See Norviel, Harry E.)
- Anderson, Bennie W., Cisco, assignor of one-fourth to T. A. Sherrill, Rising Star, Tex. Safety wall and desk knife. 2,007,491; July 9.
- Anderson, Bentli. (See Skoogh, Harry L., assignor.)
- Anderson, Bert J., Hammond, Ind. Velocipede frame. 1,995,529; Mar. 26.
- Anderson, Bert J., Hammond, Ind. Saddle. 2,002,929; May 28.
- Anderson, Bert J., Hammond, Ind. Handle bar. 2,004,089; June 11.
- Anderson, Bert J., Hammond, Ind. Velocipede fender. 2,006,617; July 2.
- Anderson, Bert J., Hammond, Ind. Head for a velocipede. 2,006,618; July 2.
- Anderson, Bert J., Hammond, Ind. Saddle. 2,007,994; July 16.
- Anderson, Bert J., Hammond, Ind. Velocipede frame. 2,009,571; July 30.
- Anderson, Bert J., Hammond, Ind. Velocipede fork. 2,010,173; Aug. 6.
- Anderson, Bert J., Hammond, Ind. Velocipede. 2,010,450; Aug. 6.
- Anderson, Bert J., Hammond, Ind. Velocipede. 2,012,332; Aug. 27.
- Anderson, Bert J., Hammond, Ind. Backbone for a velocipede. 2,015,833; Oct. 1.
- Anderson, Bess, Wichita, Kans. Catamenial bandage. 2,024,134; Dec. 17.
- Anderson, Bror G., Syracuse, N. Y. Valve compensating mechanism. 1,994,743; Mar. 19.
- Anderson, Byron W., Villanova, Pa. Razor blade knife. 2,022,876; Dec. 3.
- Anderson, Carl A., Putnam, Conn., assignor to Guaranteed Parts, Inc., Allston, Mass. Friction device for filling carriers. 2,008,197; July 16.
- Anderson, Carl E. (See Stillman, R. H., and Anderson.)
- Anderson, Carl E., Brockton, Mass. Liquid fuel burner. 1,986,131; Jan. 1.
- Anderson, Carl E., Spring Lake, assignor to Sealed Power Corporation, Muskegon, Mich. Piston ring expander. 1,995,165; Mar. 19.
- Anderson, Carl E., East Orange, N. J. Slide loop. 1,996,786; Apr. 9.
- Anderson, Carl E., Eatontown, N. J. Dust collector for dust mops. 2,014,098; Sept. 10.
- Anderson, Carl E., East Orange, N. J., assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Combined buckle slide and button loop. 2,019,985; Nov. 12.
- Anderson, Carl J., Chicago, Ill. Protective device. 2,020,818; Nov. 12.
- Anderson, Carl O. (See Davis, S. H., Anderson, and Stengl.)
- Anderson, Charles A., New Rochelle, assignor to Gotham Pressed Steel Corporation, New York, N. Y. Window draft shield. 2,016,764; Oct. 8.
- Anderson, Charles J., Jr., Jamestown, N. Y. Power transmission. 1,992,457; Feb. 26.
- Anderson, Charles M., Kenosha, Wis. Bottle capper. 1,988,771; Jan. 22.
- Anderson, Charles N., Grand Island, Nebr. Stretcher. 2,015,391; Sept. 24.
- Anderson, Charlotte Nelson. (See McKee, Andrew.)
- Anderson, Clarence A., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Testing apparatus. 2,022,022; Nov. 26.
- Anderson, Clarence G., et al. (See Roth, William A., assignor.)
- Anderson, Clayton & Company. (See Mackenzie, Alexander S., assignor.)
- Anderson, D., & Son, Limited. (See Basten, F., and Hurden, assignors.)
- Anderson, Dave, Youngstown, assignor of one-fourth to J. Slavins, Scienceville, and one-fourth to M. Sweda, Youngstown, Ohio. Battery terminal clamp. 1,988,535; Jan. 22.
- Anderson, David & John, Limited. (See McNicol, James T. D., assignor.)
- Anderson, David E., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Cylinder head for internal combustion engines. 2,003,571; June 4.
- Anderson, David P., Pittsburgh, Pa. Apparatus for stripping ingot molds. 2,017,384; Oct. 15.
- Anderson, David P., Pittsburgh, Pa., assignor to The Alliance Machine Company, Alliance, Ohio. Apparatus for stripping ingot molds. 2,017,385; Oct. 15.
- Anderson, Elinor H., Yonkers, N. Y. Cleaning device. 2,007,238; July 9.
- Anderson, Ellis G., Oklahoma City, Okla. Metal curtain slat joint. 2,019,379; Oct. 29.
- Anderson, Emil, Briarcliffe, assignor to Master Rule Manufacturing Company, Inc., New York, N. Y. Steel rule. 1,986,551; Jan. 1.
- Anderson, Emil, Briarcliff Manor, N. Y. Transmission mechanism. 2,015,096; Sept. 24.
- Anderson, Emil C., Downers Grove, Ill. Locomotive engine. 1,992,171; Feb. 26.
- Anderson, Emil N., Oak Park, Ill., assignor to American Telephone and Telegraph Company. Time indicating system. 2,001,831; May 21.
- Anderson, Ernest E., and W. H. Fritz, assignor to Goddard & Goddard Company, Detroit, Mich. Reamer. 1,998,113; Apr. 16.
- Anderson, Ernest H., Forestville, Conn., assignor to Graton & Knight Company, Worcester, Mass. Producing oil seals. 2,013,333; Sept. 3.
- Anderson, Ernst G. K., Evanston, Ill., assignor to Appleton Electric Company. Switch enclosing box or housing. 1,989,393; Jan. 29.
- Anderson, Ernst G. K., Evanston, and C. O. Akerlund, Chicago, Ill., assignors to Appleton Electric Company. Coupling for conductors and conduits therefor. 2,007,357; July 9.
- Anderson, Eugene R., Columbus, Ohio. Traffic light control. 2,016,220; Oct. 1.
- Anderson, Evald, San Marino, assignor to International Precipitation Company, Los Angeles, Calif. Electrical precipitating apparatus. 1,992,113; Feb. 19.
- Anderson, Evald, San Marino, assignor to International Precipitation Company, Los Angeles, Calif. Apparatus for electrical precipitation. 1,995,790; Mar. 26.
- Anderson Box Company. (See Mohler, E. E., and Schaefer, assignors.)
- Anderson Box Company. (See Schaefer, Norbert F., assignor.)
- Anderson Company, The. (See Slough, Frank M., assignor.)
- Anderson Company, The. (See Smulski, Theodore J., assignor.)
- Anderson, Fabian K., assignor of thirty-three and one-third per cent to J. Quinn and thirty-three and one-third per cent to E. Regan, Buffalo, N. Y. Nonrefillable bottle. 2,000,814; May 7.
- Anderson, Frank P., Cleveland, Ohio. Window. 2,011,746; Aug. 20.
- Anderson, Frank R., Utica, Ill. Clothespin. 2,009,991; Aug. 6.
- Anderson, Fred A., Oakland, Calif. Signal apparatus. 2,005,214; June 18.
- Anderson, Frohman, Detroit, Mich. Cutting and forming the parts of toys and other articles from cardboard. 1,999,314; Apr. 30.
- Anderson, George, Springfield, Mass. Mail box. 1,994,186; Mar. 12.
- Anderson, George A. (See Heywood, V. E., and Anderson.)
- Anderson, George A. (See June, Ralph S., assignor.)
- Anderson, George K., Pittsburgh, Pa., assignor to The Neville Company. Polymerization of resins. 1,990,215; Feb. 6.
- Anderson, George W., assignor to The General Tire & Rubber Company, Akron, Ohio. Tread for pneumatic tires. 1,999,988; Apr. 30.
- Anderson, Gideon, Irwin, Pa. Dishwashing machine. 2,012,178; Aug. 20.
- Anderson, Gordon R., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Brush holder for electric machines. 1,991,356; Feb. 19.
- Anderson, Gordon R., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Electric machine. 2,023,259; Dec. 3.
- Anderson, Gustaf B., assignor of one-half to O. T. Nelson, Minneapolis, Minn. Rail joint. 2,013,228; Sept. 3.
- Anderson, Gustaf E., Brockton, Mass. Automatic feed control for folding and other machines. 2,005,124; June 18.
- Anderson, Gustave A., Attleboro, Mass., assignor to Lewis R. Smith, Receiver Apco Mossberg Corporation. Loom beam. 2,016,533; Oct. 8.
- Anderson, Guy B., assignor of one-half to S. B. Dickman, Baltimore, Md. Automatic closure for outlets of dispensing containers. 2,026,012; Dec. 31.
- Anderson, Harley E., assignor of one-half to J. H. Sharp, Chicago, Ill. Brake head. 2,004,743; June 11.
- Anderson, Harley E., assignor to J. H. Sharp, Chicago, Ill. Brake beam support. 2,021,279; Nov. 19.
- Anderson, Harley E., assignor to J. H. Sharp, Chicago, Ill. Car truck construction. 2,025,493; Dec. 24.
- Anderson, Harry T., Butler, Pa. Post-pocket. 2,009,468; July 30.
- Anderson, Hazel F., Niagara Falls, Ontario, Canada. Infant's diaper. 2,025,843; Dec. 31.
- Anderson, Helmer, assignor to General Mills, Inc., Minneapolis, Minn. Mechanism for inverting filled containers. 2,007,788; July 9.
- Anderson, Helmer, assignor to General Mills, Inc., Minneapolis, Minn. Feeding mechanism. 2,011,839; Aug. 20.
- Anderson, Henry, assignor to Universal Oil Products Company, Chicago, Ill. Protective lining for vessels. 2,020,630; Nov. 12.
- Anderson, Howard F., Torrington, Conn. Vacuum switch. 1,997,288; Apr. 9.
- Anderson, Howard P. (See Peyton, W. C., and Anderson.)
- Anderson, James R., Winchester, Ky. Tool sharpener. 2,009,389; July 30.
- Anderson, James C., Highland Park, Ill. Pipe tamper. 2,003,416; June 4.
- Anderson, James L., Tenafly, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Tube welding machine and method. 1,991,973; Feb. 19.

- Anderson, James L., Tenafly, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Welding burner. 2,005,308; June 18.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Tracing device. 1,999,853; Apr. 30.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Welding. 1,999,854; Apr. 30.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Tracing device. 1,999,855; Apr. 30.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Torch cutting or welding apparatus. 2,000,007; May 7.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Metal cutting machine. 2,001,294; May 14.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Template. 2,002,073; May 21.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Portable cutting or welding apparatus. 2,015,329; Sept. 24.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Cutting or welding machine. 2,015,330; Sept. 24.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Circle cutting or welding machine. 2,017,429; Oct. 15.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Circle cutting or welding machine. 2,017,430; Oct. 15.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Magnetic template-follower. 2,025,081; Dec. 24.
- Anderson, James L., Closter, and C. T. Evans, Jersey City, N. J., assignors to Air Reduction Company, Incorporated, New York, N. Y. Template-controlled apparatus. 2,025,082; Dec. 24.
- Anderson, Joe H., Chillicothe, Tex. Distributing cotton to the stalls of cotton warehouses. 1,995,464; Mar. 26.
- Anderson, John A., assignor to Standard Oil Company, Chicago, Ill. Dewaxing lubricating oils. 1,998,648; Apr. 23.
- Anderson, John C., assignor to Crowe Name Plate & Manufacturing Co., Chicago, Ill. Making hollow metallic canes. 2,006,429; July 2.
- Anderson, John E. (See Anderson, Anthony V. and J. E., and Lee.)
- Anderson, John E., assignor to Plibrico Jointless Firebrick Company, Chicago, Ill. Anchor. 1,992,932; Mar. 5.
- Anderson, John E., assignor to Plibrico Jointless Firebrick Company, Chicago, Ill. Furnace construction. 2,011,701; Aug. 20.
- Anderson, John I., Barnwell, Alberta, Canada. Direction indicator. 1,991,483; Feb. 19.
- Anderson, John P. (See Schmoel, A. C., and Anderson.)
- Anderson, John P., assignor to Koppel Industrial Car and Equipment Company, Koppel, Pa. Car construction. 1,990,057; Feb. 5.
- Anderson, John P., Koppel, assignor, by mesne assignments, to Koppel Industrial Car and Equipment Company, McKees Rocks, Pa. Dump car. 2,012,595; Aug. 27.
- Anderson, John P., assignor to Koppel Industrial Car and Equipment Company, Koppel, Pa. Fluid pressure valve. 2,012,596; Aug. 27.
- Anderson, John R., Cleveland, assignor, by mesne assignments, to Republic Steel Corporation, Youngstown, Ohio. Metal furniture construction. 1,999,436; Apr. 30.
- Anderson, John R., and E. G. Rix, Chicago, Ill. assignors to The American Perforator Company, Chicago, Ill. Perforating machine. 2,017,195; Oct. 15.
- Anderson, John W., Gary, Ind. Electrical timing mechanism and system. 2,009,601; July 30.
- Anderson, Knut. (See Polson, O., Walters, Carlson, Ekholm, Norén, and Anderson.)
- Anderson, Leslie J., Westmont, N. J., assignor to Radio Corporation of America, New York, N. Y. Acoustic apparatus. 2,007,749; July 9.
- Anderson, Lionel K., Great Neck, assignor of one-half to H. M. Vandenhove, Manhasset, N. Y. Beverage mixer and cooler. 2,021,495; Nov. 19.
- Anderson, Lloyd E., assignor to Pittsburgh Des Moines Steel Company, Pittsburgh, Pa. Spacing apparatus for punch presses and the like. 1,989,071; Jan. 29.
- Anderson, Lossie E., assignor to Standard Oil Company, Chicago, Ill. Container tipping machine. 1,987,042; Jan. 8.
- Anderson Manufacturing Company. (See Eisenbauer, Warren F., assignor.)
- Anderson Manufacturing Company. (See Eisenbauer, W. F., and Ferguson, assignors.)
- Anderson, Martin J., assignor to Mathews Conveyor Company, Ellwood City, Pa. Selective dispatch and automatic deflector control mechanism. 1,992,686; Feb. 26.
- Anderson, Martin J., assignor to Mathews Conveyor Company, Ellwood City, Pa. Selective dispatch and automatic deflector control. 1,992,687; Feb. 26.
- Anderson, Martin J., assignor to Mathews Conveyor Company, Ellwood City, Pa. Switch mechanism for conveying systems. 1,998,065; Apr. 16.
- Anderson, Martin J., assignor to Mathews Conveyor Company, Ellwood City, Pa. Switch mechanism for conveying systems. 1,998,066; Apr. 16.
- Anderson, Martin J., assignor to Mathews Conveyor Company, Ellwood City, Pa. Live roller conveyor. 2,016,700; Oct. 8.
- Anderson, Maud L., Aurora, Ill. Hinge. 2,018,909; Oct. 29.
- Anderson, Norman T. (See Sweeley, E. A., and Anderson.)
- Anderson, Oscar M., assignor to Landers, Frary & Clark, New Britain, Conn. Oven rack. 2,011,189; Aug. 13.
- Anderson, Oscar M., and F. W. Juengst, assignors to Landers, Frary & Clark, New Britain, Conn. Strainer assembly. 1,989,034; Jan. 22.
- Anderson, Oscar M., and F. W. Juengst, assignors to Landers, Frary & Clark, New Britain, Conn. Vegetable cutting device. 2,014,712; Sept. 17.
- Anderson, Oscar M., and F. W. Juengst, assignors to Landers, Frary & Clark, New Britain, Conn. Guard for electric fans. 2,017,431; Oct. 15.
- Anderson, Ralph L., assignor to Deere & Company, Moline, Ill. Thresher. 1,992,172; Feb. 26.
- Anderson, Ralph L., assignor to Deere & Company, Moline, Ill. Combine. 1,994,298; Mar. 12.
- Anderson, Ralph L., assignor to Deere & Company, Moline, Ill. Straw spreader attachment. 2,010,287; Aug. 6.
- Anderson, Ralph W., Wauwatosa, Wis. Locomotive. 1,990,315; Feb. 5.
- Anderson, Ralph W., Wauwatosa, Wis., and H. E. Riccius, Miles City, Mont. Locomotive. 2,009,469; July 30.
- Anderson, Raymond T., et al. (See Comer, Earle R., assignor.)
- Anderson, Rexford O., Houston, Tex., and A. H. Carson, Oklahoma City, Okla. Hydraulic brake. 2,021,830; Nov. 26.
- Anderson, Richard D., Baton Rouge, La., assignor to Standard Oil Development Company. Adjustable overflow device. 2,006,191; June 25.
- Anderson, Robert H. (See Taylor, R. S., Torrance, and Anderson.)
- Anderson, Roy F., San Francisco, assignor to Atlas Imperial Diesel Engine Company, Oakland, Calif. Unit control for Diesel engines. 2,025,262; Dec. 24.
- Anderson, Russell E., assignor to The Delta-Star Electric Company, Chicago, Ill. Substation. 1,989,782; Feb. 5.
- Anderson, Russell G. (See Blazek, J. Y., and Anderson.)
- Anderson, Russell T. (See Rothchild, L., and Anderson.)
- Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Air conditioning apparatus. 1,985,910; Jan. 1.
- Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Air conditioning apparatus. 1,992,051; Feb. 19.
- Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Inc., Hyde Park, Boston, Mass. Air conditioning apparatus. 1,999,148; Apr. 23.
- Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Cooling system. 2,007,291; July 9.
- Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Inc., Hyde Park, Mass. Air conditioner for vehicles. 2,017,579; Oct. 15.
- Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Air conditioning apparatus utilizing ice. 2,020,093; Nov. 5.
- Anderson, Theodore W. (See Molling, J. P., and Anderson.)
- Anderson, Torval J., Chicago, Ill. Window. 2,002,683; May 28.
- Anderson, V. D., Company, The. (See Zies, Carl W., assignor.)
- Anderson, Victor. (See Hofmann, A., and Anderson.)
- Anderson, Victor, Cliffside Park, and D. G. Trutner, North Arlington, assignors to Alfred Hofmann & Company, West New York, N. J. Sealing-in and exhausting apparatus. 1,989,897; Feb. 5.
- Anderson, Victor A., Torrington, Conn. Live bait holder for fishhooks. 1,993,582; Mar. 5.
- Anderson, Victor H., East Orange, N. J. Massage device. 2,007,737; July 9.
- Anderson, Walter A., Rockford, Ill., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Bichrome ribbon mechanism for computing machines. 2,011,310; Aug. 13.
- Anderson, Walter A., Rockford, Ill., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Control means for bookkeeping machines. 2,020,282; Nov. 12.
- Anderson, Ward P. (See Shiffler, W. H., Holm, and Anderson.)
- Anderson, Warren C., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Button. 2,007,628; July 9.
- Anderson, William A., Hightstown, assignor to Charles H. Davison, Edgerstown, Princeton, N. J. Apparatus for binding cut edges of pile fabrics. 2,023,378; Dec. 3.
- Anderson, William B., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerant compressing apparatus. 2,012,704; Aug. 27.
- Anderson, William F., assignor to Fairbanks, Morse, & Co., Chicago, Ill. Hoisting apparatus. 1,993,081; Mar. 5.

- Anderson, William F., assignor to Fairbanks, Morse & Co., Chicago, Ill. Material handling device. 2,025,702; Dec. 31.
- Anderson, William J., assignor of three-fourths to J. W. McClintock, Los Angeles, Calif. Roll paper cutter. 2,000,432; May 7.
- Anderson, William M., Virginia, Minn. Tire-spreader. 2,005,880; June 25.
- Anderson, William R., assignor, of one-third to H. Q. Hall, South Rockwood, Mich. Soap holder. 2,006,980; July 2.
- Anderson, William S., assignor to Shoe Press Corporation, Philadelphia, Pa. Cement pot for use in cementing soles to shoe bottoms. 1,995,913; Mar. 26.
- Anderson, William S., Jr., Worcester, Mass., assignor to La Mont Corporation, New York, N. Y. Automatic control apparatus. 1,988,643; Jan. 22.
- Anderson, William T. (See Wiggins, D. H., and Anderson.)
- Anderson, William T., Macon, Ga. Coin box for telephones. 1,998,602; Apr. 23.
- Anderson, William T., Macon, Ga. Coin controlled mechanism. 2,013,944; Sept. 10.
- Anderson, William T., Jr., assignor to Hanovia Chemical and Manufacturing Company, Newark, N. J. Metallic electrical conductor for evacuated and gas-filled fused quartz devices. 1,986,784; Jan. 8.
- Anderson, William T., Jr., and L. F. Bird, assignors to Hanovia Chemical and Manufacturing Company, Newark, N. J. Electrode for vapor electric devices. 2,006,081; June 25.
- Andersson, Fredrick. (See Söderberg, G. E., and Andersson.)
- Andersson, Gustav H., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator. 2,003,621; June 4.
- Andes, Peter, Cleveland, Ohio. Movable wall and partition. 2,016,882; Oct. 8.
- Andes Range and Furnace Corp. (See Ammerman, J. W., Barker, Klopfer, and Manss, assignors.)
- Andis, Mathew, Racine, Wis. Cutter head for power driven hair clipping and shaving devices. 1,997,096; Apr. 9.
- Andis, Mathew, Racine, Wis. Massaging mechanism. 1,998,696; Apr. 23.
- Andis, Mathew, Racine, Wis. Power driven vibrator. 2,003,332; June 4.
- Andis, Mathew, Racine, Wis. Comb plate adjusting mechanism for hair clippers. 2,006,493; July 2.
- Andis, Mathew, Racine, Wis. Power driven hair clipper. 2,013,229; Sept. 3.
- Andis, Mathew, Racine, Wis. Triturating emulsifying, and mixing machine. 2,020,450; Nov. 12.
- André, Frank J., College Park, Ga., and H. C. Stark, Poughkeepsie, N. Y. Airplane landing guide. 1,998,429; Apr. 23.
- André, Henri G., Suresnes, France. Rectifier. 2,001,698; May 21.
- Andreas, Arno, Munster, Germany. Turbine for filling bags with finely divided materials. 1,988,676; Jan. 22.
- Andreas, Arno, Munster, Germany. Bag support for filling machines. 1,995,140; Mar. 19.
- Andreas, Arno, Munster, Germany. Feeding mechanism for filling machines. 2,003,417; June 4.
- Andreas, Arno, Munster, Germany. Filling machine. 2,004,593; June 11.
- Andreas, Arno, Munster, Germany. Filling nozzle. 2,012,116; Aug. 20.
- Andreas, Arno, Munster, assignor to the firm Verpackungsbedarf G. m. b. H., Crefeld, Germany. Bag and making same. 1,989,304; Jan. 29.
- Andreas, G. m. b. H. (See Lodenkemper, Gerhard, assignor.)
- Andreas, G. m. b. H. (See Stahm, Karl, assignor.)
- Andren, Karl H., assignor to Artos Engineering Company, Milwaukee, Wis. Portable drilling machine. 2,002,727; May 28.
- Andres, William J., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 1,989,181; Jan. 29.
- Andres, William J., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,022,023; Nov. 26.
- Andrés y Hernandez, José, Habana, Cuba. Pencil clip. 1,999,966; Apr. 30.
- Andreucci, Mauro. (See Carelli, Sam, assignor.)
- Andrew, John E., assignor to Wallace Barnes Company, Bristol, Conn. Hair clamp. 2,024,498; Dec. 17.
- Andrew, Victor J., Wooster, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Control system. 2,000,685; May 7.
- Andrew, William K. (See Drake, R. L., and Andrew.)
- Andrew, William K., and J. B. Armitage, Milwaukee, assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission and control. 2,002,728; May 28.
- Andrews, Archie M. (See Gulick, Russell A., assignor.)
- Andrews, Archie M. (See Isenberg, Stanley, assignor.)
- Andrews, Archie M., Greenwich, Conn., and H. Aaron, N. Y., assignors to Platinum Products Company, New York, N. Y. Cigarette lighter. 2,023,400; Dec. 10.
- Andrews, Arthur A., Tiptree, England. Motion picture apparatus. 2,000,872; May 7.
- Andrews, Champe S., North Chattanooga, Tenn. Display box. 2,006,822; July 2.
- Andrews, Champe S., North Chattanooga, Tenn. Dispensing container. 2,017,176; Oct. 15.
- Andrews, Champe S., North Chattanooga, Tenn., assignor to Box Blank Corporation, New York, N. Y. Combined shipping and display container. 1,988,104; Jan. 15.
- Andrews, Champe S., North Chattanooga, Tenn., assignor to Box Blank Corporation, New York, N. Y. Display container. 1,996,560; Apr. 2.
- Andrews, Champe S., North Chattanooga, Tenn., assignor to Box Blank Corporation, New York, N. Y. Container. 2,013,646; Sept. 10.
- Andrews, Champe S., North Chattanooga, Tenn., assignor to Box Blank Corporation, New York, N. Y. Dispensing container. 2,015,653; Oct. 1.
- Andrews, Charles B. (See Taylor, J. C., Jr., and Andrews.)
- Andrews, Charles H., New Castle, Pa. Pool aerator. 1,987,501; Jan. 8.
- Andrews, Charles W., Chicago, Ill., and R. S. Petersen, San Antonio, Tex., assignors to Brassett-Tidewater Development Corporation, Chicago, Ill. Coking heavy fluent hydrocarbons. 1,999,437; Apr. 30.
- Andrews Company, The. (See Coddington, Howard O., assignor.)
- Andrews Crane Corporation. (See Andrews, D. S., and Wyllie, assignors.)
- Andrews, Donald S., Rumson, N. J., and J. R. Wyllie, New Canaan, Conn., assignors to Andrews Crane Corporation, New York, N. Y. Lift platform truck. 1,998,183; Apr. 16.
- Andrews, E. J. (See Krag, Erik L., assignor.)
- Andrews, Edward F. (See Beane, E. A., and Andrews.)
- Andrews, Edward W., Chicago, Ill. Postage meter. 2,020,493; Nov. 12.
- Andrews, Elmore L., Lake Charles, La. Clothespin. 2,019,380; Oct. 29.
- Andrews, Ernest P., et al. (See Deguara, Vincent, assignor.)
- Andrews, Frank W., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,024,266; Dec. 17.
- Andrews, Harold K., Stratford, and H. J. French, Bridgeport, Conn. Paste dispenser. 2,016,357; Oct. 8.
- Andrews, Howard M., Chicago, Ill. Crate or basket. 2,026,204; Dec. 31.
- Andrews, Isaac, Spartanburg, S. C. Sectional twine handle. 1,988,976; Jan. 22.
- Andrews, Isaac, Spartanburg, S. C. Loom reed. 1,988,977; Jan. 22.
- Andrews, James L., Birmingham, Ala. Mixer. 1,987,043; Jan. 8.
- Andrews, John T. R. (See Richardson, A. S., Vibrans, and Andrews.)
- Andrews, L. V., assignor to Riley Stoker Corporation, Worcester, Mass. Speed reducing mechanism. 1,988,105; Jan. 15.
- Andrews, L. V., Worcester, Mass., and C. M. Terry, Decatur, assignors to A. W. Cash Company, Decatur, Ill. Combustion control. 2,000,270; May 7.
- Andrews, Leonard, Pinner, England. Settling tank. 1,995,559; Mar. 26.
- Andrews, Lloyd M., assignor to The Lubrication Corporation, South Bend, Ind. Lubrication device. 2,014,642; Sept. 17.
- Andrews, Mary R., Niskayuna, N. Y., assignor to General Electric Company. Electric incandescent lamp. 2,019,331; Oct. 29.
- Andrews, Norman F. (See Coultas, W. J., and Andrews.)
- Andrews, Norman F. (See Paradise, L. A., Coultas, and Andrews.)
- Andrews, O. B., Company. (See Beller, Samuel, assignor.)
- Andrews, Oliver B., Chattanooga, Tenn. Device for packaging bakery products. 2,004,098; June 11.
- Andrews, Oliver B., Chattanooga, Tenn. Amusement device. 2,018,393; Oct. 22.
- Andrews, P. L., Corporation. (See Andrews, Preston L., assignor.)
- Andrews, P. L., Corporation. (See Andrews, Stuart M., assignor.)
- Andrews, P. L., Corporation. (See Meyer, Frank J., assignor.)
- Andrews, Phillip R., and A. Finlayson, assignors to the Sealth Corporation, Seattle, Wash. Preservation of woven fabrics. 1,993,354; Mar. 5.
- Andrews, Preston L., Brooklyn, assignor to P. L. Andrews Corporation, Glendale, L. I., N. Y. Suspendable envelope. 2,024,417; Dec. 17.
- Andrews, Rufus A., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Alternating current magnet. 2,009,188; July 23.
- Andrews, William C., Blawnox, Pa. Door latching mechanism. 1,995,338; Mar. 26.
- Andrews Worm Transmission Corporation. (See Ream, Fay W., assignor.)
- Andrieu, Robert J., Epernay, France. Dispensing apparatus for sparkling beverages. 2,010,974; Aug. 13.
- Andrus, Orrin E., assignor to A. O. Smith Corporation, Milwaukee, Wis. Electric arc welding. 1,990,628; Feb. 12.
- Andrus, Orrin E., assignor to A. O. Smith Corporation, Milwaukee, Wis. Uniting metal parts. 2,015,173; Sept. 24.

- Andrus, Orrin E., and K. S. Willborg, assignors to A. O. Smith Corporation, Milwaukee, Wis. Device for determining the composition of fluid bodies in motion and for selectively distributing the flow of portions of said bodies to predetermined locations. 1,995,492; Mar. 26.
- Andrussow, Leonid, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of hydrocyanic acid. 2,006,981; July 2.
- Andrussow, Leonid, Mannheim, and E. Germann, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of alkyl derivatives of ammonia. 2,012,801; Aug. 27.
- Andvig, Hans, Oslo, Norway. Teeth-cleansing appliance. 2,006,289; June 25.
- Anello, Tony P., and E. A. La Course, Ybor City, Fla. Layer cake layer. 2,006,579; July 2.
- Angel, Elva H., Los Angeles, Calif. Gardening implement. 2,018,591; Oct. 22.
- Angel, Henry E., Huntington, W. Va. Beach accessory. 2,010,472; Aug. 6.
- Angeli, Angelo, Papiermühle, near Bern, Switzerland. Electrical safety plug. 2,014,607; Sept. 17.
- Angelini, Virginio, Milan, Italy. Manufacture of iron alloys. 1,986,702; Jan. 1.
- Angelini, Virginio, Milan, Italy. Producing ferro-chromium. 2,008,055; July 16.
- Angell, Charles H. (See Morrell, J. C., and Angell.)
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,009,129; July 23.
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion and coking of hydrocarbons. 2,017,836; Oct. 22.
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,018,699; Oct. 29.
- Angell, Robert C., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Flexible shafting and producing same. 1,990,514; Feb. 12.
- Angell, Robert C., Prince Bay, N. Y., and F. L. O. Wadsworth, Pittsburgh, Pa., assignors to The S. S. White Dental Manufacturing Company. Manufacture of flexible shafting. 2,002,479; May 21.
- Angell, Robert C., Prince Bay, N. Y., and F. L. O. Wadsworth, Pittsburgh, Pa., assignors to The S. S. White Dental Manufacturing Company. Fabrication of flexible shafting. 2,006,333; July 2.
- Angelo, Manuel A., Santa Clara, Calif. Meat grinder. 2,014,608; Sept. 17.
- Anger, Edward W., Chicago, Ill. Drainage valve. 2,007,358; July 9.
- Anger, William F., Berkeley, Calif. Illuminating device. 2,010,838; Aug. 13.
- Anger, William F., Berkeley, Calif. Iron holder. 2,021,496; Nov. 19.
- Angerpointner, Matthias, Djuron, near Norrköping, Sweden. Storing plant for piece goods. 1,994,032; Mar. 12.
- Angier, Edward H., Framingham, Mass. Sheet material for curbing and protecting concrete and method of making. 2,003,988; June 4.
- Anglada, Joseph A., and A. H. Asprooth, assignors to Anglada Motor Corporation, New York, N. Y. Valve port sealing device. 2,017,196; Oct. 15.
- Anglada, Joseph A., and A. H. Asprooth, assignors to Anglada Motor Corporation, New York, N. Y. Valve port sealing device. 2,017,197; Oct. 15.
- Anglada, Joseph A., and A. H. Asprooth, assignors to Anglada Motor Corporation, New York, N. Y. Cuff valve engine. 2,017,198; Oct. 15.
- Anglada Motor Corporation. (See Anglada, J. A., and Asprooth, assignors.)
- Anglemyer, Herman B., Detroit, Mich. Air cleaner. 2,015,174; Sept. 24.
- Anglemyer, Herman B., assignor of one-fourth to B. C. Shepard, one-eighth to M. W. Zander, one-fourth to A. M. Lichty, one-sixteenth to I. H. Van Cleave, one-tenth to J. A. Allard, Jr., Pomona, Calif., and seventeen-eighths to Handy Cleaner Corporation, Detroit, Mich. Automotive air cleansing device. 1,996,604; Apr. 2.
- Anglin, Henry J., Morristown, N. J. Transfer file case. 2,001,561; May 14.
- Anglo Persian Oil Company, Limited. (See Dunstan, Albert E., assignor.)
- Anglo-Persian Oil Company Limited. (See Dunstan, A. E., and Birch, assignors.)
- Anglo-Persian Oil Company Limited. (See Thole, F. B., Birch, and Scott, assignors.)
- Angstadt, Harry F., Media, Pa., assignor to Sun Oil Company, Philadelphia, Pa. Producing purified asphalt from soap-containing asphaltic petroleum residuum. 2,013,619; Sept. 3.
- Angstman, Roger W., assignor to McAleer Manufacturing Company, Detroit, Mich. Steam heating system for automobiles. 1,990,159; Feb. 5.
- Angstman, Roger W., Pine Lake, Mich., assignor, by mesne assignments, to E. A. Laboratories, Inc., Brooklyn, N. Y. Automobile heater. 1,999,349; Apr. 30.
- Angstman, Roger W., Pontiac, Mich., assignor, by mesne assignments, to E. A. Laboratories, Inc., Brooklyn, N. Y. Heater apparatus. 2,004,151; June 11.
- Angstman, Roger W., Detroit, Mich., assignor to McAleer Manufacturing Co. Steam heating system for automobile bodies. 2,018,339; Oct. 22.
- Anibal, Benjamin H., Bloomfield Hills, Mich. Closure for bottles or the like. 2,009,216; July 23.
- Anibal, Benjamin H., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Engine front mounting. 2,022,102; Nov. 26.
- Aniello, Joseph, Boston, Mass. Insole for footwear. 2,024,022; Dec. 10.
- Animal Trap Company of America. (See Graybill, Hershey R., assignor.)
- Animal Trap Company of America. (See Huebener, M. A., Lehn, Graybill and Zahm and Koch, assignors.)
- Anish, Adolph, assignor to M. Dalsheim & Co., Inc., New York, N. Y. Lady's hand bag. 1,990,360; Feb. 5.
- Ankarlo, Hannah C., et al. (See Ankarlo, Victor, assignor.)
- Ankarlo, Victor, Milwaukee, Wis., assignor of three per cent to R. C. Peterson, Duluth, Minn., and ninety-seven per cent to Hannah C. Ankarlo, Milwaukee, Wis. Oar. 2,003,418; June 4.
- Anker-Werke Aktiengesellschaft. (See Bölter, Wilhelm, assignor.)
- Anker-Werke Aktiengesellschaft. (See Thomas, August, assignor.)
- Annin, Douglas H., Brookline, assignor, by mesne assignments, to E. Macleod, Westwood, F. A. Morrison, Newton, Mass., C. Macleod, Berwyn, Pa., L. Soule, Dedham, S. A. Sargent, Jr., Needham, trustees, doing business as Mason-Neilan Regulator Company, Boston, Mass. Control instrument. 1,988,348; Jan. 15.
- Annin, Douglas H., Brookline, assignor, by mesne assignments, to E. Macleod, Westwood, F. A. Morrison, Newton, Mass., C. Macleod, Berwyn, Pa., L. Soule, Dedham, S. A. Sargent, Jr., Needham, Mass. Trustees doing business as Mason-Neilan Regulator Company, Boston, Mass. Control instrument. 2,007,671; July 9.
- Annin, Douglas H., Glendale, Calif., assignor, by mesne assignments, to E. Macleod, Westwood, and F. A. Morrison, Newton, Mass., and C. Macleod, Berwyn, Pa., L. Soule, Dedham, and S. A. Sargent, Jr., Needham, trustees, doing business as Mason-Neilan Regulator Company, Boston, Mass. Pilot valve pressure controller. 1,991,309; Feb. 12.
- Annin, William E., Huntington Park, Calif. Well jar. 1,998,214; Apr. 16.
- Anoschenko, Boris V., Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Packing. 2,020,986; Nov. 12.
- Ansbacher, Stefan, G. E. Flanagan, and G. C. Supplee, Bainbridge, assignors to The Borden Company, New York, N. Y. Precipitation of proteinaceous matter by chlorine. 2,021,712; Nov. 19.
- Anschlicks, Rudolph J., assignor to Protectoseal Company of America, Chicago, Ill. Attachment for gas tanks. 2,017,837; Oct. 22.
- Ansell, George A. (See Ansell, Joseph F. and G. A.)
- Ansell, Joseph F. and G. A., Philadelphia, Pa. Necktie. 1,990,316; Feb. 5.
- Ansell, William E., Jr., Watertown, Mass. Producing displays for the inner surface of transparent panes. 2,020,717; Nov. 12.
- Anselmi, Ernesto, Viterbo, Italy. Optical instrument for testing organic liquids. 1,999,889; Apr. 30.
- Anstice, Josiah, & Co. (See Anstice, M. R., and Ross, assignors.)
- Anstice, Mortimer R., and C. C. Ross, assignors to Josiah Anstice & Co., Inc., Rochester, N. Y. Discharge chute. 1,998,351; Apr. 16.
- Antares Trust Registered. (See Schaarschmidt, Alfred, assignor.)
- Antelme, Jean B. S., St.-Cloud, assignor to Blérôt-Aéronautique, Suresnes, France. Device for setting tubular rivets. 2,004,624; June 11.
- Anthony, Alfred W., Jr., Belmont, assignor to Pease, Anthony Equipment Co., Cambridge, Mass. Gas scrubber system. 1,986,913; Jan. 8.
- Anthony, Felix M., Piedmont, assignor of one-fourth to K. C. Gillis and one-fourth to D. B. Edwards, Oakland, Calif. Spark plug. 1,989,670; Feb. 5.
- Anthony, Felix M., Piedmont, assignor of one-fourth to K. C. Gillis and one-fourth to D. B. Edwards, Oakland, Calif. Spark plug. 1,989,671; Feb. 5.
- Anthony, George R., Wellesley Hills, and T. F. Hickey, Newtonville, Mass. Apparatus for conditioning air. 1,993,539; Mar. 5.
- Anthony, Herman R. C., assignor to French Battery Company, Madison, Wis. Dry cell. 1,991,132; Feb. 12.
- Anthony, Herman R. C., and W. A. Roper, assignors to French Battery Company, Madison, Wis. Dry battery construction. 1,991,131; Feb. 12.
- Anthony John K., Cleveland Heights, assignor to H. B. Fay, Cleveland, Ohio. Manufacture of vulcanized fiber. 1,988,441; Jan. 22.
- Anthony, John K., Cleveland Heights, assignor to H. B. Fay, Cleveland, Ohio. Manufacture of vulcanized fiber. 2,008,432; July 16.
- Anthony, Paul L. (See Abrams, A., Anthony, Brabender, and Graebner.)
- Anthony, Stanley, assignor to Farrington Manufacturing Company, Boston, Mass. Stamping or printing machine. 2,026,115; Dec. 31.

- Anthony, Stanley, assignor to Farrington Manufacturing Company, Boston, Mass. Printing machine. 2,026,116; Dec. 31.
- Anthractite Equipment Corporation. (See Johnson, Allen J., assignor.)
- Anthractite Separator Company. (See Pardee, Frank, and Frank, Jr., assignors.)
- Anticomman, G. m. b. H. (See Prochnow, Erich, assignor.)
- Antioch Industrial Research Institute, Inc. (See Bucher, John E., assignor.)
- Antipas, Aristotle J., Los Angeles, Calif. Folding chair. 1,993,429; Mar. 5.
- Anton, Christ S., Chicago, Ill. Egg carton. 1,992,983; Mar. 5.
- Anton, Christ S., Chicago, Ill. Self-supporting egg carton. 2,014,461; Sept. 17.
- Anton, Frederick A., Topeka, Kans. Slant adjustment for lateral arm awnings. 2,019,473; Nov. 5.
- Antonio, Alfred D., et al. (See Dolan, John, assignor.)
- Antranikian, Haig, Paris, France. Electromotive forces comparing device. 2,005,962; Jan. 25.
- Antrim, Louis C., New York, N. Y., assignor to Autographic Register Company, Hoboken, N. J. Paper support for typewriters. 2,021,847; Nov. 19.
- Antrim, William D., Gloucester, N. J., assignor to Roberts & Mander Stove Company, Philadelphia, Pa. Range. 2,019,381; Oct. 29.
- Apco Mossberg Corporation. (See Anderson, Gustave A., assignor.)
- Apco Mossberg Corporation. (See Jackson, Alfred F.)
- Apel, George E. (See Bierer, J. and M., and Apel.)
- Apex Electrical Manufacturing Company, The. (See Frantz, W. A., and McCable, assignors.)
- Apex Electrical Manufacturing Company, The. (See Maus, Frank, assignor.)
- Apex Electrical Manufacturing Company, The. (See Orr, William V., assignor.)
- Apex Electrical Manufacturing Company, The. (See Seyfried, Arthur W., assignor.)
- Apex Electrical Manufacturing Company, The, trustee. (See Kirby, James B., assignor.)
- Apex Hosiery Company. (See Struve, Frederick E., assignor.)
- Apex Paper Products Corporation. (See Von Sydow, R. W., and McCoy, assignors.)
- Apex Smelting Co. (See Starmann, George H., assignor.)
- Apfel, Jacob, G. Ling, and R. S. Jarrett, Hamilton, Ohio. Lawn edger and weeder. 2,000,460; May 7.
- Apostoloff, Sergius, Brooklyn, N. Y. Automatic safety seal battery cell. 2,026,205; Dec. 31.
- Apparatus Design Company. (See Williams, Jewell R., assignor.)
- Appel, Harry A., New York, and E. LeBlanc, Woodside, N. Y. Automatic toothbrush paste feeder. 2,000,910; May 14.
- Appel, Walter D., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Engine mounting. 8,020,597; Nov. 12.
- Applegate, Alva, assignor of one-half to S. A. Freet, Toledo, Iowa. Maintaining the air pressure in pneumatic tires. 2,010,250; Aug. 6.
- Apple, Bessie D. (See Cotterman, Frederick W., assignor.)
- Apple, Bessie D. (See Kessler, John J., assignor.)
- Apple, Edward M., executor et al. (See Apple, Vincent G.)
- Apple, Edward M., et al., executors. (See Apple, V. G., and Rauen.)
- Apple, Herbert F., et al., executors. (See Apple, Vincent G.)
- Apple, Herbert F., et al., executors. (See Apple, V. G., and Rauen.)
- Apple, Vincent G., Dayton, Ohio, deceased, H. F. Apple, E. M. Apple, and G. Darroch, executors. Washing machine. 1,995,912; Mar. 26.
- Apple, Vincent G., deceased, by H. F. and E. M. Apple, and G. Darroch, executors, Dayton, Ohio. Tool for making dynamo electric machine elements. 2,002,562; May 28.
- Apple, Vincent G., Dayton, Ohio, H. F. Apple, E. M. Apple and G. Darroch, executors of said V. G. Apple, deceased. Refrigerating system. 2,007,701; July 9.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Electrical and mechanical brake applying mechanism. 1,988,708; Jan. 22.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Electric brake. 1,989,672; Feb. 5.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Electric booster brake mechanism. 1,990,971; Feb. 12.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Vehicle brake mechanism. 1,998,917; Apr. 23.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Brake mechanism. 2,006,334; July 2.
- Apple, Vincent G., and F. W. Cotterman, Dayton, Ohio, assignors to Bendix Brake Company, South Bend, Ind. Brake mechanism. 1,989,673; Feb. 5.
- Apple, Vincent G., and C. F. Rauen, Dayton, Ohio, assignors to Bendix Brake Company, South Bend, Ind. Variable resistor. 1,990,447; Feb. 5.
- Apple, Vincent G., deceased, by H. F. and E. M. Apple and G. Darroch, executors, and C. F. Rauen, Dayton, Ohio, assignors to Bendix Brake Company, South Bend, Ind. Brake control. 1,990,448; Feb. 5.
- Apple, Vincent G., and C. F. Rauen, Dayton, Ohio, assignors to Bendix Brake Company, South Bend, Ind. Brake control mechanism. 1,998,918; Apr. 23.
- Apple, Vincent G., Dayton, Ohio; H. F. Apple, E. M. Apple, and G. Darroch, executors of said V. G. Apple, deceased. Mold for dynamo machine elements. 2,018,480; Oct. 22.
- Apple, Vincent G., deceased, late of Dayton, Ohio, by H. F. Apple, E. M. Apple, and G. Darroch, executors, Dayton, Ohio. Armature mold. 2,019,064; Oct. 29.
- Apple, Vincent G., deceased, late of Dayton, Ohio, by G. Darroch, Dayton, Ohio, executor. Dynamo electric machine commutator brush with integral shunt. 2,019,065; Oct. 29.
- Appleby, Owen L., San Jose, Calif. Water treating apparatus. 1,992,173; Feb. 26.
- Applegate, Addison, Liberty, N. Y. Making lead carbonate. 2,013,531; Sept. 3.
- Applegate, James L., Woodriver, Ill. Fish hook. 2,009,540; July 30.
- Applegate, Lindsay M., Seattle, Wash., assignor, by mesne assignments, to Collins Radio Company, Cedar Rapids, Iowa. High frequency modulation system. 2,019,481; Nov. 5.
- Appleton Electric Company. (See Anderson, Ernst G. K., assignor.)
- Appleton Electric Company. (See Anderson, E. G. K., and Akerlund, assignors.)
- Appleton Electric Company. (See Tornblom, Nils A., assignor.)
- Appleyard, Leslie L., assignor to R. J. Ederer Company, Chicago, Ill. Tennis net. 1,994,092; Mar. 12.
- Apprich, Robert N., assignor to Textile Machine Works, Wyomissing, Pa. Conditioning yarns in knitting machines. 2,018,627; Oct. 22.
- Apt, Arthur, Roxbury, Mass. Shoe. Des. 94,527; Feb. 12.
- Aquilecchia, Vincenzo. (See DiCarlo, V., and Aquilecchia.)
- Arabol Manufacturing Company, The. (See Oldham, Edward R., assignor.)
- Aragone, Carlo, La Spezia, Italy. Projectile. 1,999,747; Apr. 30.
- Arato, Vincenzo, Peekskill, N. Y. Fuel heating or vaporizing attachment. 2,016,952; Oct. 8.
- Arb, Albert. (See Fuchs, C., and Ark.)
- Arber, Herman, Fort Wayne, Ind., assignor to General Cable Corporation, New York, N. Y. Coil turn counter. 2,019,286; Oct. 29.
- Arbuckle Brothers. (See Cocks, Frank L., assignor.)
- Arbuckle, John Le B., Columbus, Ohio. Camper's tool. 2,005,176; June 18.
- Arbuckle, Lawrence L., assignor of one-half to J. I. Corn, Chicago, Ill. Agitator for milk products. 1,997,035; Apr. 9.
- Arbuckle, S. F., Corporation. (See Arbuckle, Samuel F., assignor.)
- Arbuckle, S. F., Corp. (See Arbuckle, S. F., and Coulter, assignors.)
- Arbuckle, Samuel F., Highland Park, Mich., assignor to S. F. Arbuckle Corporation. Bellows. 1,997,565; Apr. 16.
- Arbuckle, Samuel F., Highland Park, Mich., assignor, by mesne assignments, to Guide Lamp Corporation, Anderson, Ind. Head lamp testing device. 2,003,797; June 4.
- Arbuckle, Samuel F., and G. H. Coulter, Highland Park, Mich., assignors to S. F. Arbuckle Corp. Sign. 2,004,181; June 11.
- Arc Equipment Corporation, The. (See Eastman, Ivan L., assignor.)
- Arcadia Hosiery Company. (See Weisbecker, Frank G., assignor.)
- Arcadia Knitting Mills, Inc. (See Reinhard, David, assignor.)
- Archbold, John, Washington, D. C., and C. Parker, Bar Harbor, Me., said Parker assignor to said Archbold. Rotary engine. 2,010,797; Aug. 6.
- Archea, Walter D., Cincinnati, Ohio, assignor to The Heald Machine Company, Worcester, Mass. Grinding machine. 1,998,603; Apr. 23.
- Archea, Walter D., and M. Romaine, Cincinnati, Ohio, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 2,003,572; June 4.
- Archer, Ira, Brooklyn, N. Y. Safety device for centrifugal pumps. 2,003,819; June 4.
- Archer, Robert S. (See Hoyt, S. L., and Archer.)
- Archer Rubber Company. (See Callahan, John T., assignor.)
- Archer, Thomas P. (See Van Voorhees, H. E., and Archer.)
- Archibald, Francis M., Elizabeth, N. J., assignor to Standard Oil Development Company. Dust fixative. 1,995,598; Mar. 26.
- Archibald, Francis M., and C. M. Beamer, Elizabeth, N. J., assignors to Standard Alcohol Company. Removal of objectionable organic sulphur from isopropyl and higher secondary alcohols. 1,995,597; Mar. 26.
- Archibald, Francis M., and P. Janssen, Elizabeth, N. J., assignors to Standard Alcohol Company. Recovery of alcohols from hydrocarbons. 2,014,078; Sept. 10.
- Archibald, Francis M., Roselle, and P. Janssen, Elizabeth, N. J., assignors to Standard Oil Development Company. Purifying an acid-treated light hydrocarbon oil. 2,022,268; Nov. 26.
- Arcieri, Antonio, West Hollywood, Calif. Aeroplane attachment for extinguishing fires. 1,997,669; Apr. 16.
- Arco Manufacturing Co. Inc., The. (See Bonn, Robert M., assignor.)

- Ard, Charles E., Birmingham, Ala., assignor to Fred C. Fantz, Webster Groves, Mo. Return bend fitting for oil stills. 2,005,768; June 25.
- Ardeo Manufacturing Company. (See Stern, Charles, assignor.)
- Arden Box Toe Company. (See Lovell, Stanley P., assignor.)
- Arden Box Toe Company. (See Lovell, S. P., and Hansen, assignors.)
- Arden, Thomas R., Baldwin, N. Y., assignor to American Flyer Manufacturing Company, Chicago, Ill. Centrifugal electric switch. 1,996,848; Apr. 9.
- Arden, Thomas T., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Gas cock. 1,998,649; Apr. 23.
- Ardiff, Robert J., Chicago, Ill. Token receiving device. 1,995,493; Mar. 26.
- Arday, Edward G., assignor of one-half to P. R. Hazlett, Roseville, and one-half to V. D. Ridenour, Canal Winchester, Ohio. Pump construction. 2,006,727; July 2.
- Arduino, La Victoria. (See Donn, Ettore, assignor.)
- Arelt, Charles. (See Bronander, W. B., and Arelt.)
- Arelt, Charles, Richmond Hill, and P. M. Nejedly, Brooklyn, N. Y. Stamper for cigarette packaging machines. 1,998,067; Apr. 16.
- Arena, Frank, Elba, N. Y. Pneumatic equipment for vehicle motors. 1,993,583; Mar. 5.
- Arenberg, Albert L., Highland Park, assignor to Patent License Corporation, Chicago, Ill. Lighting equipment. 2,020,273; Nov. 5.
- Arend, Ernest A. (See Friedberg, A. B., Arend, and Bearmore.)
- Arends, Herman T., Highland Park, Mich. Rabbeting saw. 1,998,114; Apr. 16.
- Arends, Herman T., Highland Park, Mich. Binder. 2,010,127; Aug. 6.
- Arens, Edward W., assignor to The Air Cushion Products Company, Cleveland, Ohio. Pneumatic core mattress. 2,000,873; May 7.
- Arens, Hans, Dessau-in-Anhalt, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Manufacture of photographic emulsions. 2,005,837; June 25.
- Arey, Fred C., Oak Park, Ill., assignor to Vulcan Soot-Blower Corporation. Intermittent grip device. 1,995,197; Mar. 19.
- Arey, Fred C., Oak Park, Ill., assignor to Vulcan Soot-Blower Corporation. Strap with attached washers and making the same. 2,004,182; June 11.
- Arey, Fred C., Oak Park, Ill., assignor to Vulcan Soot-Blower Corporation. Oscillatory soot blower. 2,012,901; Aug. 27.
- Arey, Fred C., Oak Park, Ill., assignor to De Los E. Hibner, Jr., Du Bois, Pa., assignors to Vulcan Soot-Blower Corporation. Union between conduits or other members. 2,016,262; Oct. 1.
- Arey, Fred C., Oak Park, Ill., and Delos E. Hibner, Jr., Dubois, Pa., assignors to Vulcan Soot-Blower Corporation. Valved head for soot blowers. 1,995,198; Mar. 19.
- Arey, Fred C., Oak Park, Ill., and D. E. Hibner, Jr., DuBois, Pa., assignors to Vulcan Soot-Blower Corporation. Controlling means for valves. 2,012,900; Aug. 27.
- Arey, Gordon C., Fort Thomas, Ky. Highway traffic marker. 1,986,097; Jan. 1.
- Arey, Ralph G., Swampscott, Mass., assignor to General Electric Company. Shadow tuning instrument. 2,014,960; Sept. 17.
- Arey, Ralph G., Swampscott, and H. T. Faus, Lynn, Mass., assignors to General Electric Company. Transversely magnetized vane instrument. 2,002,445; May 21.
- Arf, Herman R., Elizabeth, assignor, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J. System for air conditioning railroad cars. 2,005,769; June 25.
- Arzabrite, George M., Chicago, Ill. Leather processing. 1,992,138; Feb. 19.
- Argy, Michael J., Niagara Falls, N. Y., assignor to Argy Pre-heating Corporation. Joint for drier felt of paper machines. 1,986,785; Jan. 8.
- Argy Pre-heating Corporation. (See Argy, Michael J., assignor.)
- Arias, Manuel F. (See Lehman, H. B., and Arias.)
- Ariens, Mando S., Brillion, Wis. Rotary soil pulverizer. 2,025,494; Dec. 24.
- Arieti, Eugene, Springfield, Mass. Creeper. 2,026,013; Dec. 31.
- Arizona Minerals Corporation. (See Ralston, O. C., and Brum, assignor.)
- Arkell, Barlett. (See Jarrier, René, assignor.)
- Arkell & Smiths. (See Wikstrom, Frank G., assignor.)
- Arkema, Harold P., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Annealing material. 1,994,629; Mar. 19.
- Arkenburgh, Weber H., Schenectady, N. Y., assignor to General Electric Company. Railway signal system. 1,985,911; Jan. 1.
- Arlender, Fritz, Cologne-Kalk, Germany. Hollander. 1,996,740; Apr. 9.
- Arlington Mills. (See Spring, Walter M., assignor.)
- Arlington Sales Co. (See Lane, George S., assignor.)
- Armcast, George H., Richmond, Ind. Fodder tie. 1,986,994; Jan. 8.
- Armcast, Wilbur H. (See Powell, J. A., and Armcast.)
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Cross-drum superheater boiler. 1,996,093; Apr. 2.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Marine boiler. 1,998,828; Apr. 23.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Superheater boiler. 2,003,818; June 4.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Superheater boiler. 2,007,265; July 9.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Fluid heater and support. 2,014,197; Sept. 10.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Testing and arranging magnetic material. 2,024,560; Dec. 17.
- Armand Company, The. (See Weeks, Charles, assignor.)
- Armanni, Luigi, Clerkenwell, London, England, assignor to C. S. M. Gabriel, London, England. Feeding sheets of paper, envelopes, and the like to typewriting machines. 2,011,991; Aug. 20.
- Armbruster, Charles E. H., Denver, Colo. Macular reflectoscope. 1,990,107; Feb. 5.
- Armbruster, Fred C., Rochester, N. Y. Portable beverage dispenser. 2,008,121; July 16.
- Armbruster, Henry A., Milwaukee, Wis., assignor, by mesne assignments to High Production Machine Company, Inc., Philadelphia, Pa. Box covering machine. 2,009,285; July 23.
- Armbruster, John W., East Rockaway, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Sorting device. 1,989,840; Feb. 5.
- Armenault, René. (See Malet, J., and Armenault.)
- Armenault, René, Paris, assignor of one-half to Fal-iques de Produits de Chimie Organique de Laire, Société Anonyme, Issy, France. Manufacture of urea-formaldehyde condensation products and artificial material therefrom. 2,004,970; June 18.
- Armento, Ferrer, New York, N. Y. Double hung casement window. 2,020,926; Nov. 12.
- Armentrout, Edward E., Dupree, S. Dak. Stirrup. 1,991,648; Feb. 19.
- Armett, George A. (See Fulton, S. M., Armett, and Ewing.)
- Armfield, Leonard W. (See Arnott, L. R., Armfield, and Waddell.)
- Armington, Arthur P., Willoughby, assignor to The Euclid Crane & Hoist Company, Euclid, Ohio. Land vehicle. 2,009,039; July 23.
- Armington, George E. (See Armington, Stewart F., and G. E.)
- Armington, Stewart F., Willoughby, and G. E. Armington, South Euclid, assignors to The Euclid Road Machinery Company, Euclid, Ohio. Winding gear. 2,015,331; Sept. 24.
- Armistead, George, Jr., Port Arthur, Tex., and W. T. Donaldson, Brooklyn, assignors to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 1,999,270; Apr. 30.
- Armistead, George, Jr., Lockport, Ill., and W. Ullrich, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Manufacture of motor fuel from sludge oil. 2,005,309; June 18.
- Armitage, David. (See Milligan, L. H., and Armitage.)
- Armitage, Joseph B. (See Andrew, W. K., and Armitage.)
- Armitage, Joseph B. (See Kearney, E. J., and Armitage.)
- Armitage, Joseph B., et al. (See Kearney, E. J., Parsons, and Armitage.)
- Armor, James C., Bellevue, Pa. Process and apparatus for refrigeration. 2,026,206; Dec. 31.
- Armorite Equipment Incorporated. (See Clark, Raymond L., assignor.)
- Armour and Company. (See Christensen, Carl W., assignor.)
- Armour and Company. (See Fischer, Norman C., assignor.)
- Armour and Company. (See Jordan, Isaac N., assignor.)
- Armour and Company. (See Minard, David P., assignor.)
- Armour and Company. (See Ralston, Anderson W., assignor.)
- Armour and Company. (See Woodward, C. B., Keefe, and Colt, assignors.)
- Armour, George L., Brooklyn, N. Y. Method of and means for identifying brands of liquid hydrocarbons. 1,997,670; Apr. 16.
- Armour, James W., assignor to Riley Stoker Corporation, Worcester, Mass. Driving mechanism. 1,991,441; Feb. 19.
- Armour, James W., assignor to Riley Stoker Corporation, Worcester, Mass. Pulverizer hammer. 2,015,581; Sept. 24.
- Armour, James W., assignor to Riley Stoker Corporation, Worcester, Mass. Beater element for pulverizing apparatus. 2,021,762; Nov. 19.
- Arms, Merton H. (See Bryant, W. P., and Arms.)
- Arms, Merton H., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Grinding machine. 2,013,122; Sept. 3.
- Arms, Merton H., and J. B. Johnson, assignors to Bryant Chucking Grinder Company, Springfield, Vt. Caliper mechanism. 2,004,361; June 11.
- Arms, John P., Minetto, assignor to The Columbia Mills, Inc., New York, N. Y. Combination window shade and blind. 1,987,657; Jan. 15.

- Armstead, Edward C., Darrington, Wash. Self tying clip. 2,004,456; June 11.
- Armstrong, Adam E., Three Rivers, Mich. Steam trap. 2,005,926; June 25.
- Armstrong-Blum Mfg. Co. (See Blum, George J., assignor.)
- Armstrong Bros. Tool Co. (See Rhinevault, Harry A., assignor.)
- Armstrong, Charles A., trustees et al. (See Madsen, Sern, assignor.)
- Armstrong, Charles E., Corvallis, Ore. Thermostat. 2,013,637; Sept. 3.
- Armstrong, Charles E., assignor to Armstrong Heat Control Corporation, Corvallis, Ore. Thermostat control. 1,988,149; Jan. 15.
- Armstrong, Charles E., assignor to Armstrong Heat Control Corporation, Corvallis, Ore. Automatically controlled multiple valve for steam lines. 2,002,761; May 28.
- Armstrong, Clifford H., Hendon, assignor of one-half to Sir J. Dewrance, Southwark, England. Valve. 2,023,350; Dec. 3.
- Armstrong, Cloyd L., Lima, Ohio. Air compressor. 1,992,139; Feb. 19.
- Armstrong Cork Company. (See Berger, John L., assignor.)
- Armstrong Cork Company. (See Claxton, E., and Bare, assignors.)
- Armstrong Cork Company. (See Forbes, David H., assignor.)
- Armstrong Cork Company. (See Lee, Louis R., assignor.)
- Armstrong Cork Company. (See McCarthy, J. Clarence, assignor.)
- Armstrong Cork Company. (See Paschke, H., and Vogt, assignors.)
- Armstrong Cork Company. (See Pennell, P. H., and Draper, assignors.)
- Armstrong, Donald E., New Cumberland, Pa., and F. W. Metzger, Moorestown, N. J. Insect trap. 2,020,283; Nov. 12.
- Armstrong, Edwin H., New York, N. Y. Radio signaling system. 2,024,138; Dec. 17.
- Armstrong, Ernest, West Collingwood, N. J. Lubricating device for shafts and car wheel journal axles. 2,017,884; Oct. 22.
- Armstrong, Fullerton G. G., Beverley, England. Suspension arrangement for road or other vehicles. 2,007,952; July 16.
- Armstrong, George A., Cranston, R. I., assignor to William C. Greene Company. Finger ring. 2,014,122; Sept. 10.
- Armstrong, George C. (See Ellis, J. D., and Armstrong.)
- Armstrong, George C., Wilkinsburg, and D. Ellis, Turtle Creek, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Relay. 2,018,340; Oct. 22.
- Armstrong, George J., Oklahoma City, Okla. Float valve. 2,023,189; Dec. 3.
- Armstrong, Harry H., Los Angeles, Calif. Extracting metals from beryllium minerals. 1,991,269; Feb. 12.
- Armstrong, Harry H., and A. B. Menefee, Los Angeles, Calif. Floating uranium ores, particularly carnotite. 2,000,656; May 7.
- Armstrong, Harry Y., Syracuse, N. Y. Tension device. 2,023,502; Dec. 10.
- Armstrong Heat Control Corporation. (See Armstrong, Charles E., assignor.)
- Armstrong, Henry, assignor to Engineering Materials Limited, Montreal, Quebec, Canada. Railway rail movement restraining means. 2,008,940; July 23.
- Armstrong, Henry, assignor to Engineering Materials Limited, Montreal, Quebec, Canada. Railway rail movement restraining means. 2,008,941; July 23.
- Armstrong, Herbert M., Oak Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Receiving system. 2,024,139; Dec. 17.
- Armstrong, Hugh C., assignor to The Kinnear Manufacturing Company, Columbus, Ohio. Rolling door. 1,997,846; Apr. 16.
- Armstrong, James O., East Finchley, London, England. Magnetic means for controlling an electric arc. 1,995,560; Mar. 26.
- Armstrong, James R., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Gas meter. 1,992,280; Feb. 26.
- Armstrong, Merton C., assignor to The Sterling Siren Fire Alarm Company Inc., Rochester, N. Y. Electric siren. 1,991,718; Feb. 19.
- Armstrong Nurseries. (See Thomas, George C., Jr., assignor.)
- Armstrong, Orlan G., Canton, Ohio. Work holder. 1,988,887; Jan. 22.
- Armstrong, Percy A. E., Beverly Hills, Calif. Welding alloy steels and product thereof. 1,997,538; Apr. 9.
- Armstrong Siddeley Motors Limited. (See Shilson, B. W., and Cantrill, assignors.)
- Armstrong, Taylor R., et al. (See Shoemaker, George E., assignor.)
- Armstrong, Walter R. (See Mayo, Franklin, assignor.)
- Arnao, Charles, company. (See McElroy, I. E., and Davis, assignors.)
- Arndt, Franklin E., Gallon, Ohio, assignor to The Gallon Iron Works & Mfg. Co., Gallon, Ohio. Blade supporting means for road scrapers. 2,001,648; May 14.
- Arndt, Franklin E., assignor to The Gallon Iron Works & Mfg. Co., Gallon, Ohio. Road planer or drag. 2,012,463; Aug. 27.
- Arndt, Melvin J., Irondequoit, assignor to Stromberg-Carlson Telephone Manufacturing Company. Telephone switchboard. 1,999,497; Apr. 30.
- Arndt, Melvin J., Irondequoit, assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone equipment. 2,016,475; Oct. 8.
- Arner, Dale D., Buffalo, N. Y. Coupling for connecting a truck and a trailer. 1,992,164; Feb. 26.
- Arner, Dale D., Buffalo, N. Y. Spring suspension for vehicles. 2,025,263; Dec. 24.
- Arnesen, Walter A., New York, N. Y. Handle for cautery instruments. 1,988,293; Jan. 15.
- Arnesen, Walter A., New York, N. Y. Diagnostic instrument. 1,990,972; Feb. 12.
- Arness, William B., assignor to Alloy Research Corporation, Baltimore, Md. Producing alloys. 1,994,679; Mar. 19.
- Arness, William B., assignor, by mesne assignments, to Rustless Iron Corporation of America, Baltimore, Md. Producing alloys. 2,005,409; June 18.
- Arness, William B., Baltimore, assignor, by mesne assignments, to Rustless Iron Corporation of America, Baltimore, Md. Production of rustless iron. 2,021,979; Nov. 26.
- Arni, Hans, Falkensee, near Berlin, and J. Thiry, Berlin-Charlottenburg, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Apparatus for goffering lenticulated films. 1,992,279; Feb. 26.
- Arni, Hans, Falkensee, near Berlin, F. Fischer, Berlin-Charlottenburg, and K. Rantsch, Berlin-Teltow, Germany, assignors to Opticolor Aktiengesellschaft, Glarus, Switzerland. Printing device for lenticulated films. 2,016,270; Oct. 8.
- Arnold, Albert W., Miami, Fla. Lubricating apparatus. 2,012,782; Aug. 27.
- Arnold, Amy, et al. executors. (See Guest, J. J., and Wheatley.)
- Arnold, Arthur A. (See Gilbert, A. C., and Arnold.)
- Arnold, Arthur W., Portland, Ore. Power transmitting apparatus. 2,016,849; Oct. 8.
- Arnold, Carl, Nuremberg, Germany. Floating toy with device for firing projectiles or rockets whilst floating. 1,990,160; Feb. 5.
- Arnold, Charles F. and F. E. Deremer, assignors to General Motors Corporation, Detroit, Mich. Rainproof cowl ventilator. 2,011,840; Aug. 20.
- Arnold, Craig R., Dahlonega, Ga. Recovering gold. 1,988,932; Jan. 22.
- Arnold, Edwin E. (See Burr, G. A., and Arnold.)
- Arnold, Edwin E., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Propeller. 1,997,671; Apr. 16.
- Arnold, Edwin E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Valve structure for compressors and pumps. 2,000,735; May 7.
- Arnold, Edwin E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transmission line suspension. 2,005,882; June 25.
- Arnold, Edwin E., and C. L. Fortescue, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transmission line clamp. 2,005,881; June 25.
- Arnold, Edwin E., Pittsburgh, and A. M. Wahl, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Drill-stem weight measuring device. 2,020,927; Nov. 12.
- Arnold, Ernest H., Cleveland, Ohio. Apparatus for drawing metal. 1,999,386; Apr. 30.
- Arnold, Fred W., Cambridge, Ohio. Combined hydroscope and grapple. 1,989,443; Jan. 29.
- Arnold, Gerald D., Galesville, Wis. Dehydrating apparatus. 1,988,677; Jan. 22.
- Arnold, Gerald D., Wauwatosa, Wis. Dehydrating process. 1,988,678; Jan. 22.
- Arnold, Gerald D., Wauwatosa, Wis. Manufacturing food products. 1,996,395; Apr. 2.
- Arnold, Gerald D., Wauwatosa, Wis. Centrifugal separator. 2,010,128; Aug. 6.
- Arnold, Harry S., Brooklyn, N. Y. Electrical distribution. 1,986,874; Jan. 8.
- Arnold, Heinrich, Waiblingen, and E. Dobler, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Electric switch. 2,012,943; Sept. 3.
- Arnold, Herrick R., Elmhurst, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing amines. 1,992,935; Mar. 5.
- Arnold, Herrick R., Elmhurst, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing butyl amines. 2,012,333; Aug. 27.
- Arnold, Herrick R., Elmhurst, Del., and T. L. Williams, Fairville, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of amines. 2,017,051; Oct. 15.
- Arnold, Herrick R., Elmhurst, and W. A. Lazier, Marshallton, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dehalogenation of organic halides. 2,025,032; Dec. 24.
- Arnold, Marion L. (See Valby, E. P., and Arnold.)
- Arnold, Max, New York, N. Y. Hair winding device. 1,992,281; Feb. 26.

- Arnold, Max, New York, N. Y. Permanent waving appliance. 2,000,207; May 7.
- Arnold, Moses W., assignor to Pee Dee Chair Co. Inc., Darlington, S. C. Chair. 2,016,953; Oct. 8.
- Arnold, Paul L. (See Stuart, H. W., Hunt, and Arnold.)
- Arnold, Paul L., Edgewater Park, N. J., assignor to United States Pipe and Foundry Company, Burlington, N. J. Centrifugal pipe casting apparatus. 1,988,470; Jan. 22.
- Arnold, Paul L., Edgewater Park, assignor to United States Pipe and Foundry Company, Burlington, N. J. Centrifugal pipe casting apparatus. 1,988,471; Jan. 22.
- Arnold, Philip S., Flint, assignor of one-fifth to C. E. Wisner, Detroit, Mich. Automatic gauge control and means therefor. 2,000,057; May 7.
- Arnold, Robert M., and W. L. Dunn, assignors to Oak Manufacturing Company, Chicago, Ill. Electric switch. 2,012,492; Aug. 27.
- Arnold, Ross H. (See Jauch, R. J., and Arnold.)
- Arnold, Schuyler, Rochester, and F. Statt, Coldwater, N. Y.; said Statt assignor to said Arnold. Envelope sealing machine. 2,015,507; Sept. 24.
- Arnold, Thomas C., assignor of one-half to A. Corry, Quincy, Fla. Sealing device. 1,993,987; Mar. 12.
- Arnold, Thomas C., assignor of one-half to A. Corry, Quincy, Ill. Sealing device. 2,016,826; Oct. 8.
- Arnold, William P., Jr., Houston, Tex., assignor to Sinclair Refining Company, New York, N. Y. Coking of heavy oils. 1,988,644; Jan. 22.
- Arnott, Leslie R., and L. W. Armfield, Homebush, near Sydney, and C. J. Waddell, Newtown, near Sydney, New South Wales, Australia. Immersing packages in melted wax or the like. 2,023,822; Dec. 10.
- Arnott, Thomas A. (See Chase, R. S., Luce and Arnott.)
- Arntzen, Ole B., Seattle, Wash., assignor to Gray-Arntzen Co. Tank float gauge. 2,006,531; July 2.
- Arnulf, Albert, Paris, France. Cinematography in relief. 2,018,592; Oct. 22.
- Aro Equipment Corporation, The. (See Ginter, Charles W., assignor.)
- Aronson-Caplin Company Inc. (See Caplin, William, assignor.)
- Aronson, David. (See Lesser, Sydney H., assignor.)
- Aronson, Harold L., and B. W. Seidel, assignors to U. S. Sanitary Specialties Corporation, Chicago, Ill. Deodorant container. 2,020,864; Nov. 12.
- Aronson, Johan E. (See Pitman, LaR. E., and Aronson.)
- Aronson, Louis V., Newark, N. J. Flame producing mechanism. 1,986,754; Jan. 1.
- Aronson, Louis V., Newark, N. J. Pyrophoric lighting mechanism. 2,002,846; May 28.
- Aronson, Louis V., assignor to Art Metal Works, Inc., Newark, N. J. Cigar lighter mechanism. 1,986,384; Jan. 1.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Container. 1,991,719; Feb. 19.
- Aronson, Louis V., assignor to Art Metal Works, Inc., Newark, N. J. Receptacle. 1,995,956; Mar. 26.
- Aronson, Louis V., assignor to Art Metal Works, Inc., Newark, N. J. Safety razor and detachable sharpening device therefor. 1,996,787; Apr. 9.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Sharpening mechanism. 1,996,788; Apr. 9.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Cigar lighter. 2,002,845; May 28.
- Aronson, Louis V., assignor to Art Metal Works, Inc., Newark, N. J. Dispensing mechanism. 2,006,982; July 2.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Flame-producing mechanism and associated container. 2,007,629; July 9.
- Aronson, Louis V., assignor to Art Metal Works, Inc., Newark, N. J. Torch. 2,019,382; Oct. 29.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Lighter construction. 2,022,227; Nov. 26.
- Arora Corporation, The. (See Miller, Leonard S., assignor.)
- Arp, Ewald A., Minneapolis, assignor to Storm Manufacturing Co., Inc., Minneapolis, Minn. Connecting rod and piston testing and aligning device. 2,025,008; Dec. 17.
- Arpin, Leonard G., assignor of one-half to H. C. Jelks, Fort Lauderdale, Fla. Luggage bag. 2,003,099; May 28.
- Arpin, Leonard G., assignor of one-half to H. C. Jelks, Fort Lauderdale, Fla. Luggage bag. 2,003,100; May 28.
- Arrar Corporation. (See Robinson, Richard.)
- Arrison, Thomas H., Big Sandy, Mont. Instrument panel for automobiles. 2,023,719; Dec. 10.
- Arrow-Hart & Hegeman Electric Company, The. (See Griswold, Samuel A., assignor.)
- Arrow-Hart & Hegeman Electric Company, The. (See Guett, Monroe, assignor.)
- Arrow Manufacturing Company. (See Feller, William, assignor.)
- Arrowsmith, William W., All Saints, Chorlton-on-Medlock, England. Baking pan. 2,005,449; June 18.
- Arslanian, Yasai, et al. (See Yessanian, Alexander, assignor.)
- Artcraft Optical Co. (See Dechan, Otto W., assignor.)
- Art-Craft Optical Co. Inc. (See Eagle, Charles J., assignor.)
- Artcraft Silk Hosiery Mills, Inc. (See Strauch, G. A., Richter, and Garrett, assignors.)
- Artellus, Per G. (See Stenfors, F. I. E., and Artellus.)
- Arter Grinding Machine Company. (See Arter, H., and Fraser, assignors.)
- Arter, Harry, Worcester, and W. F. Fraser, Westboro, assignors to Arter Grinding Machine Company, Worcester, Mass. Automatic grinding machine. 2,003,269; May 28.
- Arthus, Albert R., Paris, France. Machine for testing metals and other solid materials. 2,018,593; Oct. 22.
- Arthur, James F., Dickinson City, Pa. Boiler coupling device. 2,006,139; June 25.
- Arthurs, Edward. (See Matthews, H., Warntjes, Arthurs and Wilkinson.)
- Articulating Valve Corporation. (See Douglas, G. W., and Dewey, assignors.)
- Art Metal Construction Company. (See Johnson, Carl A., assignor.)
- Art Metal Construction Company. (See Johnson, John A., assignor.)
- Art Metal Construction Company. (See Levene, A. H., and Carlson, assignors.)
- Art Metal Construction Company. (See Skoogh, Harry L., assignor.)
- Art Metal Works, Inc. (See Aronson, Louis V., assignor.)
- Art Metal Works, Inc. (See Burchett, Walter J., assignor.)
- Art Metal Works, Inc. (See Harris, Alexander, assignor.)
- Art Metal Works, Inc. (See Kinzinger, Adolf, assignor.)
- Artos Engineering Company. (See Andren, Karl H., assignor.)
- Artsay, Nicholas, New York, N. Y. Boiler. 2,003,419; June 4.
- Artzt, Maurice, Camden, N. J., assignor to Radio Corporation of America. Signaling system. 1,988,472; Jan. 22.
- Arutunoff, Armals, Bartlesville, assignor to Reda Pump Company, Bartlesville, Okla. Submergible electric motor. 2,001,649; May 14.
- Arvedson, George C. (See Barkelj, Jean A. H., assignor.)
- Arveson, Maurice H., Hammond, assignor to Standard Oil Company, Whiting, Ind. Polish. 1,986,243; Jan. 1.
- Arveyware Corporation. (See Blum, Jerome J., assignor.)
- Arvin, James A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of diphenylmethanes. 1,986,423; Jan. 1.
- Arzberger, Cornelius F. (See McCutchan, W. N., and Arzberger.)
- Arzet, Paul, assignor to The Kennedy Car Liner and Bag Co., Shelbyville, Ind. Paper bag. 1,995,286; Mar. 26.
- Asahina, Yasuhiko. (See Tamura, K., Kihara, Asahina, and Ishidate.)
- Asakawa, Toraji, Tokyo, Japan, assignor to General Electric Company. Electric safety lamp. 1,988,933; Jan. 22.
- Asbridge, Harry H., Ashton-on-Mersey, assignor to The Churchill Machine Tool Company Limited, Broadheath, England. Internal grinding machine. 2,005,331; June 18.
- Asbridge, Harry H., Ashton-on-Mersey, assignor to The Churchill Machine Tool Company Limited, Broadheath, England. Internal grinding machine. 2,005,332; June 18.
- Asbridge, Harry H., Claremont, Ashton-on-Mersey, assignor to The Churchill Machine Tool Company Limited, Broadheath, near Manchester, England. Centerless grinding machine. 2,023,720; Dec. 10.
- Asbury, Dorsey F., Broomes Island, Md. Hydraulic ram. 1,989,580; Jan. 29.
- Asbury, Ralph E., assignor to The American Rolling Mill Company, Middletown, Ohio. Electrode sheathing head. 1,994,744; Mar. 19.
- Asbury, Ralph E., assignor to The American Rolling Mill Company, Middletown, Ohio. Apparatus for welding silicon steel sheets for magnetic uses. 2,017,933; Oct. 22.
- Asch, Erich, Berlin-Sudende, Germany, assignor to Radio Patents Corporation, New York, N. Y. Control of high frequency generators. 1,990,216; Feb. 5.
- Aschenbach, Emerson. (See Hartley, H. J., and Aschenbach.)
- Aschenbach, Emerson. (See Place, J. W., Aschenbach, and Hartley.)
- Aschheim, Selmar, Berlin-Charlottenburg, assignor to Schering-Kahlbaum A. G., Berlin, Germany. Oestrus exciting product and producing same. 2,000,117; May 7.
- Aseltine, Fred E., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Internal combustion engine. 2,011,932; Aug. 20.
- Aseltine, Fred E., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Charge forming device. 2,011,993; Aug. 20.
- Ash, Aubrey L. (See Brown, A. J. S., and Ash.)
- Ash, Charles N., et al. (See England, Leonard H., assignor.)
- Ash, Charles S. (See Rosa, L. J., and Ash.)
- Ash, Charles S., Milford, Mich., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,019,556; Nov. 5.
- Ash, Charles S., Birmingham, assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Vehicle wheel and forming same. 2,020,866; Nov. 12.
- Ash, Charles S., Birmingham, assignor, by mesne assignments, to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel and brake assembly. 2,019,109; Oct. 29.

- Ash, Charles S., and E. P. Roleson, assignors to California Packing Corporation, San Francisco, Calif. Treating fruit juices. 2,016,584; Oct. 8.
- Ash, James W. Middletown, Ohio, assignor, by mesne assignments to The Philip Carey Manufacturing Company. Portable stove. 2,009,189; July 23.
- Ashbaugh, John H., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,005,883; June 25.
- Ashbaugh, John H., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company. Refrigerating apparatus. 2,009,246; July 23.
- Ashbridge, Thomas G., Philadelphia, Pa. Key holder. 2,019,036; Oct. 29.
- Ashby, Holdon M., Albany, assignor to F. C. Huyck & Sons, Rensselaer, N. Y. Floor fabric. 2,013,620; Sept. 3.
- Ashby, John T. (See Welch, S. A., Guyler, Ashby, and Boaler.)
- Ashby, John T. (See Welch, S. A., Ashby, Guyler, and Boaler.)
- Ashby, John T. (See Welch, S. A., Guyler, Boaler, and Ashby.)
- Ashby, Richard G., Clayton, Mo. Making surgical casts. 1,996,228; Apr. 2.
- Ashby, William R. C., Ightham, England. Appliance for use during the cooking of chickens and other birds. 1,990,580; Feb. 12.
- Asheco Corporation. (See Schmidt, Carl A., assignor.)
- Ashcraft, Clarence S., Los Angeles, Calif. Rectifier. 2,022,644; Dec. 3.
- Ashe, Mersellus T., Garden City, N. Y. Ticket delivering device. 1,993,951; Mar. 12.
- Ashkenas, David, Middletown, N. Y. Base for lifting jacks. 1,994,060; Mar. 12.
- Ashley, Camb J., Goodloe, assignor to Automatic Draft and Stove Company, Guinea, Va. Brooder attachment for wood heaters. 2,013,638; Sept. 3.
- Ashley, Carlyle M., South Orange, assignor, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J. Air conditioning system employing steam for heating and cooling. 2,010,001; Aug. 6.
- Ashley, Carlyle M., South Orange, assignor to Carrier Engineering Corporation, Newark, N. J. Inducing and distributing air currents. 2,012,179; Aug. 20.
- Ashley, Charles L. (See Rudd, A. V. and Ashley.)
- Ashley, Raymond E., Waban, Mass. Game apparatus. 2,015,508; Sept. 24.
- Ashline, George L. (See Jansen, Henry, assignor.)
- Ashmore, Leon H., Collingswood, N. J., assignor to The Estabrook Steel Pen Manufacturing Co., Camden, N. J. Fountain pen. 1,999,177; Apr. 30.
- Ashour, Louis M., Kansas City, Mo. Cigar or cigarette holder. 2,008,433; July 16.
- Ashtabula Bow Socket Company, The. (See Karsikas, Arvid P., assignor.)
- Ashton, Albert J. (See McCloskey, Charles L., assignor.)
- Ashton, George B., Riverside, assignor to Victor Chemical Works, Chicago Heights, Ill. Cleaning. 2,020,228; Nov. 5.
- Ashton, Paul V., et al. (See Cave, Daniel B., assignor.)
- Ashton, Philip E. (See Cuno, C. H. and Ashton.)
- Ashton Valve Company, The. (See Baker, Harry S., assignor.)
- Ashton, William H. (See Chambers, L. A., and Gaines, assignors.)
- Ashton, William S., assignor to Hood Rubber Company, Inc., Watertown, Mass. Shoe pressing apparatus. 1,988,772; Jan. 22.
- Ashworth, Daniel I., Wappingers Falls, assignor to The De Laval Separator Company, New York, N. Y. Process and apparatus for distilling liquids. 2,006,430; July 2.
- Ashworth, Edward M., F. F. Ambuhl, and H. W. Smith, assignors to Toronto Electric Commissioners, Toronto, Ontario, Canada. Relay switch. 1,987,887; Jan. 15.
- Ashworth, Fred, Beverley, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,990,161; Feb. 5.
- Ashworth, Fred, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Thread waxing device. 1,996,137; Apr. 2.
- Ashworth, Fred N., Somerville, Mass. Necktie holder. 2,023,299; Dec. 3.
- Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-breast scouring machine. 1,993,952; Mar. 12.
- Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Outsole shoe sewing machine. 2,003,526; June 4.
- Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,011,604; Aug. 20.
- Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,015,654; Oct. 1.
- Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,015,655; Oct. 1.
- Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,022,754; Dec. 3.
- Asiatic Petroleum Company Limited, The. (See Richardson, Arthur W., assignor.)
- Asikainen, Andrew, Green Bay, Wis. Merry go round. 2,018,655; Oct. 29.
- Askania-Werke-A. G. Vormalis Central Werkstatt Dessau und Carl Bamberg-Friedenau. (See Möller, Waldemar, assignor.)
- Askania-Werke, A. G., Vormalis Central Werkstatt Dessau und Carl Bamberg-Friedenau. (See Wunsch, Guido, assignor.)
- Askania-Werke Aktiengesellschaft. (See Roux, Edwin, assignor.)
- Askania-Werke Aktiengesellschaft, vormalis Centralwerkstatt Dessau und Carl Bamberg Friedenau. (See Wunsch, G., and Möller, assignors.)
- Aske, Irving E., Detroit, Mich., assignor to Polaris Iron Company, Duluth, Minn. Heater. 2,006,431; July 2.
- Askey, Russel O., Maywood, Ill. Voltage regulator. 1,995,530; Mar. 26.
- Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Oil return means for flooded evaporators. 1,987,591; Jan. 15.
- Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Apparatus for cooling and dispensing carbonated beverages. 1,998,748; Apr. 23.
- Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Liquid cooling and dispensing device. 2,010,504; Aug. 6.
- Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigerant control device. 2,021,881; Nov. 26.
- Askland, Thomas C., Reeder, N. Dak. Corn binder. 2,004,090; June 11.
- Asklund, Sven J. E., Stockholm, Sweden. Switch for direction indicators. 2,001,234; May 14.
- Aslanian, Daniel. (See Aslanian, Michial and D.)
- Aslanian, Michial and D., Los Angeles, Calif. Aeroplane construction. 2,018,109; Oct. 22.
- Asman, Arthur W., Lombard, Ill. Flower holder. 2,003,101; May 28.
- Asmussen, August J., and T. G. Paolillo, Brooklyn, N. Y. Process and product for continuously wrapping ice cream or other products. 2,014,961; Sept. 17.
- Asmussen, Heinrich. (See Ledig, W., Müller, Asmussen, Duhse, and Wilde.)
- Asmussen, Heinrich, Berlin-Steglitz, Germany, assignor to General Electric Company. Electric incandescent lamp and similar device. 2,014,220; Sept. 10.
- Asnes, Benjamin, assignor to Dennison Manufacturing Company, Framingham, Mass. Laminated sheet material. 2,020,928; Nov. 12.
- Aspelund, Carl P., Reykjavik, Iceland. Method and apparatus for dovetailing articles of wood. 2,016,620; Oct. 8.
- Asper, Halfdan, N. Dak. (See Schmohl, A. C., and Asper.)
- Aspey, Gideon J., Riddle, Ore. Hack saw lift. 1,999,387; Apr. 30.
- Asphalt Process Corporation. (See Chaffee, Stewart W., assignor.)
- Asphalt Process Corporation. (See Cumfer, Donald A., assignor.)
- Asplund, Arne J. A., assignor to Aktiebolaget Defibrator, Stockholm, Sweden. Manufacture of pump. 2,008,892; July 23.
- Asprooth, Axel H. (See Anzlada, J. A., and Asprooth.)
- Asserson, Raymond. (See Farnham, P. O., and Asserson.)
- Associated Electric Laboratories, Inc. (See Anderson, Clarence A., assignor.)
- Associated Electric Laboratories, Inc. (See Bellamy, John I., assignor.)
- Associated Electric Laboratories, Inc. (See Belliveau, Alfred H., assignor.)
- Associated Electric Laboratories, Inc. (See Bolander, Phillip A., assignor.)
- Associated Electric Laboratories, Inc. (See Evers, Harry G., assignor.)
- Associated Electric Laboratories, Inc. (See Harris, H. L., and Willis, assignors.)
- Associated Electric Laboratories, Inc. (See Hershey, Harry E., assignor.)
- Associated Electric Laboratories, Inc. (See Hershey, H. E., and Belliveau, assignors.)
- Associated Electric Laboratories, Inc. (See Holt, Einar H., assignor.)
- Associated Electric Laboratories, Inc. (See Homer, William J., assignor.)
- Associated Electric Laboratories, Inc. (See Hudd, Alfred E., assignor.)
- Associated Electric Laboratories, Inc. (See Hulse, H. H., Bellamy, Richardson and Lesh, assignors.)
- Associated Electric Laboratories, Inc. (See Lesh, Laurence J., assignor.)
- Associated Electric Laboratories, Inc. (See Lomax, Clarence E., assignor.)
- Associated Electric Laboratories, Inc. (See McCreary, Harold J., assignor.)
- Associated Electric Laboratories, Inc. (See Obergfell, H. F., and Eickenberg.)
- Associated Electric Laboratories, Inc. (See Ostline, John E., assignor.)
- Associated Electric Laboratories, Inc. (See Peterson, Edward S., assignor.)
- Associated Electric Laboratories, Inc. (See Pye, Harold C., assignor.)
- Associated Electric Laboratories, Inc. (See Robinson, H. C., and Johnston, assignors.)
- Associated Electric Laboratories, Inc. (See Saunders, Norman H., assignor.)

- Associated Electric Laboratories, Inc. (See Smith, Arthur B., assignor.)
- Associated Electric Laboratories, Inc. (See Voss, J. H., and Newstedt, assignors.)
- Associated Electric Laboratories, Inc. (See White, Thomas U., assignor.)
- Associated Electrical Industries Limited. (See Bauman, Karl, assignor.)
- Associated Electrical Industries Limited. (See Robinson, Ernest Y., assignor.)
- Associated Engineers Company. (See Stromberg, John A., assignor.)
- Associated Patents Corporation. (See Hunt, Allan F., assignor.)
- Associated Patents, Inc. (See De Vlieg, Charles B., assignor.)
- Associated Patents, Inc. (See Kellogg, John L., assignor.)
- Associated Press, The. (See Biele, Harry M., assignor.)
- Associated Telephone and Telegraph Company. (See McClew, John W., assignor.)
- Associated Telephone and Telegraph Company. (See Taylor, R. Belas, and McClew, assignors.)
- Associated Telephone Utilities Company. (See Collins, R. D., Reid, and Bourne, assignors.)
- Astle, William. (See Feldmeier, H., and Astle.)
- Aston, James, Pittsburgh, and E. B. Story, Dormont, assignors to A. M. Byers Company, Pittsburgh, Pa. Manufacture of wrought iron. 1,987,598; Jan. 15.
- Aston, Robert J., Pittsburgh, Pa. Foldable pinless stretcher. 2,020,294; Nov. 12.
- Astor, Ernest, Paris, France, assignor to General Electric Company. Vehicle headlight lamp. 2,020,130; Nov. 5.
- Åstradsson, Per A. (See Dillström, T. V., Åstradsson, and Dahlgren.)
- Astrawerke Aktiengesellschaft. (See Greve, John E. W., assignor.)
- Astrom, Carl P., East Orange, N. J., assignor to M. H. Treadwell Company, Inc., New York, N. Y. Hot metal car. 1,995,166; Mar. 19.
- Atcheson, James H., deceased, Detroit, Mich., by Louise A. Atcheson, Detroit, Mich., administratrix. Exercising machine. 2,017,885; Oct. 22.
- Atcheson, Louise A., administratrix. (See Atcheson, James H.)
- Atchison, George, Jersey City, and C. V. Nichols, Montclair, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Electromagnetic device. 1,988,433; Jan. 22.
- Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 1,987,460; Jan. 8.
- Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Refrigerator evaporator. 1,996,605; Apr. 2.
- Atchison Revolving Door Co., The. (See Urich, Burns H., assignor.)
- Ateliers de Constructions Electriques de Delle. (See Bresson, Charles, assignor.)
- Atherton, Alfred L., Verona, Pa., assignor to Westinghouse Electric & Manufacturing Company. Central-blast rectifier and water temperature controlling means therefor. 2,011,605; Aug. 20.
- Atherton, Charles M. H., Vienna, Austria. Automobile ignition lock. 1,997,289; Apr. 9.
- Atthey Truss Wheel Co. (See Kuchar, Joseph, assignor.)
- Atkins, Carl E. (See Myers, J. W., and Atkins.)
- Atkins, Charles H., deceased, by M. E. Tremere, executrix, assignor to B. B. Tremere, Palmer, Mass. Pneumatic tool. 2,019,332; Oct. 29.
- Atkins, George E., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 1,993,768; Mar. 12.
- Atkins, George E., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication and signaling apparatus. 1,994,630; Mar. 19.
- Atkins, Harry C., Denver, Colo. Paper box. 1,994,803; Mar. 19.
- Atkins, Harry C., Denver, Colo. Paper carton. 1,994,804; Mar. 19.
- Atkins, Harry F., Old Fletton, Peterborough, England. Machine for dressing revolving grinding wheels. 1,996,396; Apr. 2.
- Atkins, Malcolm W., Worcester, Mass. Dental cleaning and polishing compound. 2,010,910; Aug. 13.
- Atkinson, Alban. (See Petermann, J. H. Sr., Schwartz, and Atkinson.)
- Atkinson, Hugh V., Bracketville, Tex. Game apparatus. 1,994,936; Mar. 19.
- Atkinson, Ralph W., Perth Amboy, N. J., assignor to General Cable Corporation, New York, N. Y. Electrical installation. 2,010,530; Aug. 6.
- Atkinson, Willis H., Chicago, Ill. Determining the solids content of eggs. 1,994,264; Mar. 12.
- Atlanta Textile Machine Works. (See King, John L., assignor.)
- Atlantic Carton Corporation. (See Whitehead, Earl B., assignor.)
- Atlantic Coast Fisheries Company, The. (See Taylor, H. F., and Cooke, assignors.)
- Atlantic Elevator Company. (See Borden, J. H., and Gullbert, assignors.)
- Atlantic Oil Producing Company. (See Blum, Edward H., assignor.)
- Atlantic Precision Instrument Company. (See Howe, Wilfred H., assignor.)
- Atlantic Products Corporation. (See Cart, Theodore S., assignor.)
- Atlantic Refining Company, The. (See Chillas, Richard B., Jr., assignor.)
- Atlantic Refining Company, The. (See Ehlers, Carl H., assignor.)
- Atlantic Refining Company, The. (See Henderson, Lawrence M., assignor.)
- Atlantic Refining Company, The. (See Henderson, L. M., Ferris, and Cowles, assignors.)
- Atlantic Refining Company, The. (See Hill, Joseph B., assignor.)
- Atlantic Refining Company. (See Malisoff, William M., assignor.)
- Atlantic Refining Company, The. (See Murphy, George B., assignor.)
- Atlantic Refining Company, The. (See Myers, William A., assignor.)
- Atlantic Refining Company, The. (See Perkins, I. M., and Hobart, assignors.)
- Atlantic Refining Company, The. (See Perkins, I. M., and Kurtz, Jr., assignors.)
- Atlantic Refining Company. (See Smith, Lloyd B., assignor.)
- Atlantic Refining Company, The. (See Weir, Horace M., assignor.)
- Atlantic Register Company. (See Pierce, Arthur G., assignor.)
- Atlantic Service Company, Inc. (See Laemmel, Charles A., assignor.)
- Atlantic Steel Company. (See Lennox, David A., assignor.)
- Atlantic Steel Company. (See Lowndes, Richard H., assignor.)
- Atlas-Ago, Chemische Fabrik, Aktiengesellschaft. (See Munch, Carl, assignor.)
- Atlas Imperial Diesel Engine Company. (See Anderson, Roy E., assignor.)
- Atlas Imperial Diesel Engine Company. (See Oetzel, John G., assignor.)
- Atlas Linen & Towel Service Company. (See Fickelissen, Otto O., assignor.)
- Atlas Mineral Products Company. (See Gates, Edwin B., assignor.)
- Atlas Powder Company. (See Bucy, Edmond H., assignor.)
- Atlas Powder Company. (See Creighton, Henry J., assignor.)
- Atlas Powder Company. (See Farren, W. R., and Smith, assignors.)
- Atlas Powder Company. (See Hill, Roy L., assignor.)
- Atlas Powder Company. (See Huyett, Daniel D., assignor.)
- Atlas Powder Company. (See Sanders, M. T., and Hales, assignors.)
- Atlas Press Company. (See Collins, James G., assignor.)
- Atlas Press Company. (See Musselman, Henry E., assignor.)
- Atlas Supply Company. (See Heyer, Benjamin F. W., assignor.)
- Atlas Supply Company. (See McKenna, Charles J., assignor.)
- Atlas Tack Corporation. (See Leahy, James F., assignor.)
- Atlas Underwear Company, The. (See Flesh, Alfred L., assignor.)
- Atlas Underwear Company, The. (See Harwood, Asa J., assignor.)
- Atmospheric Nitrogen Corporation. (See Beekhuis, Herman A., assignor.)
- Atmospheric Nitrogen Corporation. (See Beekhuis, Herman A., Jr., assignor.)
- Atmospheric Nitrogen Corporation. (See Bray, Ulric B., assignor.)
- Atmospheric Nitrogen Corporation. (See Brown, Ralph L., assignor.)
- Atmospheric Nitrogen Corporation. (See Clark, Frank C., assignor.)
- Atmospheric Nitrogen Corporation. (See Crittenden, Eugene D., assignor.)
- Atmospheric Nitrogen Corporation. (See De Rewal, Frank J., assignor.)
- Atmospheric Nitrogen Corporation. (See Kniskern, Walter H., assignor.)
- Atmospheric Nitrogen Corporation. (See Kniskern, W. H., and Klingelhoefer, assignors.)
- Atmospheric Nitrogen Corporation. (See Kniskern, W. H., and Lawrence, assignors.)
- Atmospheric Nitrogen Corporation. (See Kniskern, W. H., and Rohner, assignors.)
- Atmospheric Nitrogen Corporation. (See Kniskern, W. H., and Tuck, assignors.)
- Atmospheric Nitrogen Corporation. (See Lawrence, Charles K., assignor.)
- Atmospheric Nitrogen Corporation. (See McCann, William R., assignor.)
- Atmospheric Nitrogen Corporation. (See Porter, Frank, assignor.)
- Attapulugus Clav Company. (See Russell, Brinton, and C. B., assignors.)
- Attendu, André C. (See Bohémier, C. A., and Attendu.)
- Atteslander, Edouard, assignor to Sulzer Freres Societe Anonyme, Firm Winterthur, Switzerland. Frame for reciprocating engines. 1,999,350; Apr. 30.

- Atti, Ralph, Union City, N. J., assignor to Claude T. Rice, New York, N. Y. Typewriter mechanism. 2,007,516; July 9.
- Atti, Ralph, Union City, N. J., and C. T. Rice, Brooklyn, N. Y., assignors, by mesne assignments, to said Claude T. Rice. Typewriter. 2,011,700; Aug. 20.
- Atti, Raphael, Union City, N. J. Golf ball marking machine. 1,999,647; Apr. 30.
- Atti, Raphael, Union City, N. J. Golf ball printing machine. 2,002,847; May 28.
- Attschuler, William H., Chicago, Ill., assignor to The Superheater Company, New York, N. Y. Interdeck superheater and supports. 1,990,058; Feb. 5.
- Attwood, Charles W., Wayne, Mich. Insulating wall unit. 2,014,035; Sept. 10.
- Atwater, George B., Wilmar, and W. G. Eddy, South Pasadena, Calif. Cigarette case. 2,012,033; Aug. 20.
- Atwater, Harry A., Kansas City, Mo. Gas burner construction. 1,997,036; Apr. 9.
- Atwater, Henry, Bryn Mawr, Pa., assignor to McLaurin-Jones Co., Brookfield, Mass. Decalcomania paper. 2,007,630; July 9.
- Atwater Kent Manufacturing Company. (See Kingsford, Russell T., assignor.)
- Atwater Kent Manufacturing Company. (See Miller, John M., assignor.)
- Atwater Kent Manufacturing Company. See Tarzian, Sarkes, assignor.)
- Atwell, George J., New York, N. Y. Truck body. 1,989,125; Jan. 29.
- Atwell, George J., New York, N. Y. Truck body. 2,020,451; Nov. 12.
- Atwell, Harold V., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Separating wax from oil. 2,006,010; June 15.
- Atwell, Harold V., White Plains, N. Y., assignor to Standard Oil Company, Chicago, Ill. Continuous propane dewaxing. 2,006,011; June 25.
- Atwell, Harold V., White Plains, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Treating hydrocarbon oils. 2,008,661; July 23.
- Atwood, George D., Brooklyn, N. Y. Spool. 2,020,011; Nov. 5.
- Atwood, Harry N., South Lyndeboro, N. H. Built-up composite cellular structure. 2,016,273; Oct. 8.
- Atwood, Harry N., South Lyndeboro, N. H. Construction of the trailing edges of aeroplane wings. 2,020,759; Nov. 12.
- Atwood, Harry N., South Lyndeboro, N. H. Airplane. 2,025,033; Dec. 24.
- Atwood, James T., Rockford, Ill. Making hinges. 1,998,301; Apr. 16.
- Atwood Machine Company, The. (See Rowe, Irving R., assignor.)
- Atwood Vacuum Machine Company, The. (See Hughes, James R., assignor.)
- Atwood Vacuum Machine Company, The. (See Johnson, George H., assignor.)
- Atwood Vacuum Machine Company, The. (See Perry, Ira D., assignor.)
- Atwood Vacuum Machine Company, The. (See Wintercorn, Andrew F., assignor.)
- Auble, Robert N., Indianapolis, Ind., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Radio-analyzer. 2,023,947; Dec. 10.
- Aubol, Otto O., Rugby, N. Dak. Wire fence tightener. 1,985,878; Jan. 1.
- Aubrey, William H., assignor to Frick Company, Waynesboro, Pa. Can dump for ice machines. 2,001,008; May 14.
- Aubry, Charles, Bonneval, France. Lifting device of the portable and dismountable type, adapted for the mounting of vehicle wheels. 1,996,316; Apr. 2.
- Aubry, Eugene F., Jr. (See Dryfuss, B. J., and Aubry.)
- Auburn, Hubert, Mount Healthy, Ohio. Locking binder. 2,017,934; Oct. 22.
- Auburn Metal Products Company. (See Watson, Lorin A., assignor.)
- Aud, Thomas E., Herndon, Va., assignor to Safety Devices Corporation, Dover, Del. Lifesaving suit. 2,023,351; Dec. 3.
- Auditorium Conditioning Corporation. (See Simonds, Abraham H., assignor.)
- Audubon Wire Cloth Corporation. (See Gore, Frealon M., assignor.)
- Ader, László, Budapest, Hungary, assignor to J. R. Newman, Washington, D. C. The manufacture of modified, bodied products from fatty oils and the like. 2,007,958; July 16.
- Auerbach, Abraham. (See Gerstein, H., and Auerbach.)
- Auerbach, Rudolf, Neuenhagen, near Berlin, Germany, assignor to General Electric Company. Production of ions in air or other gas. 2,019,333; Oct. 29.
- Auger, Joe, Elk Lake, Ontario, Canada. Control valve. 2,014,997; Sept. 17.
- Aughney, Esther B., Spokane, Wash. Dispensing container. 2,024,418; Dec. 17.
- Augsburg Publishing House. (See Larson, Wallace Q., assignor.)
- Augusta Knitting Corporation. (See Jones, Rodney W., assignor.)
- Augustadt, Herbert W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mechanical wave filter. 2,014,514; Sept. 17.
- Augustin, Charles, and T. P. Carroll, St. Louis, Mo. Berry box. 2,006,877; July 2.
- Augustine, Ray E., assignor of one-third to M. A. Halprin and one-third to Diedrich H. F. C. G. Behr, Los Angeles, Calif. Bottle holder and lock. 1,992,345; Feb. 26.
- Augustus, Frederick H., Oakland, Calif. Hair drying apparatus. 1,994,163; Mar. 12.
- Aubach, Charles J., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Can opening and spout forming device. 2,011,509; Aug. 13.
- Aull, Gustavus A., Nyack, N. Y. Precision channel gauge. 2,018,481; Oct. 22.
- Aull, Wilson, Jr., Astoria, N. Y. Vacuum tube output circuit. 1,989,394; Jan. 29.
- Aumack, Raymond L., Cranford, N. J. Venting device for gasoline tanks. 2,000,431; May 7.
- Aument, H. Chester, Long Island City, N. Y. Impervious container. 2,019,242; Oct. 29.
- Aupperl, George H., Leechburg, assignor to Hyde Park Foundry and Machine Company, Hyde Park, Pa. Roll and making the same. 2,005,358; June 18.
- Aurien, Ray G., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 1,987,658; Jan. 15.
- Aurynger, John J., Takoma Park, Md. Device for unifying inductances, capacities, and resistances. 2,001,235; May 14.
- Ausnehmer, Elmer C. (See Stere, B. A., and Ausnehmer.)
- Austin, Arthur O., near Barborton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Insulator. 1,988,150; Jan. 15.
- Austin, Arthur O., near Barborton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Bushing insulator. 1,988,151; Jan. 15.
- Austin, Arthur O., near Barborton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Expansion tank for electrical apparatus. 1,988,824; Jan. 22.
- Austin, Arthur O., near Barborton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Insulator. 1,994,265; Mar. 12.
- Austin, Arthur O., near Barborton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Insulator. 1,994,266; Mar. 12.
- Austin, Arthur O., near Barborton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Bushing insulator. 1,994,267; Mar. 12.
- Austin, Arthur O., near Barborton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Sight glass. 1,999,271; Apr. 30.
- Austin, Arthur O., near Barborton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Liquid level indicator. 1,999,272; Apr. 30.
- Austin, Arthur O., near Barborton, assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor. 1,999,273; Apr. 30.
- Austin, Arthur O., near Barborton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Method of coating. 2,011,135; Aug. 13.
- Austin, Arthur O., near Barborton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Protective apparatus. 2,011,136; Aug. 13.
- Austin, Arthur O., near Barborton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Insulator. 2,011,137; Aug. 13.
- Austin, Arthur O., near Barborton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Attachment for conductors. 2,011,138; Aug. 13.
- Austin, Arthur O., near Barborton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Electrical conductor. 2,022,839; Dec. 3.
- Austin, Clarence P., Binghamton, N. Y. Brick. 2,018,541; Oct. 22.
- Austin Company, The. (See Eiber, Harry E., assignor.)
- Austin, Dallas. (See Montgomery, W. J., Austin and Hopson.)
- Austin, Dwight E., Los Angeles, Calif., assignor, by mesne assignments, to General Motors Truck Corporation, Pontiac, Mich. Automobile body structure. 1,991,535; Feb. 19.
- Austin, Dwight E., Inglewood, Calif., assignor, by mesne assignments, to General Motors Truck Corporation, Pontiac, Mich. Vehicle and sleeping berth construction. 1,991,536; Feb. 19.
- Austin, Dwight E., Inglewood, Calif., assignor, by mesne assignments, to General Motors Truck Corporation, Pontiac, Mich. Vehicle motor and rear axle connection. 1,993,912; Mar. 12.
- Austin, Dwight E., Los Angeles, Calif., assignor, by mesne assignments, to General Motors Truck Corporation, Pontiac, Mich. Passenger vehicle body. 1,998,697; Apr. 23.
- Austin, Frederick D., Port Chester, N. Y. Safety control apparatus. 2,007,702; July 9.
- Austin, Harold E., assignor to American Creosoting Company, Louisville, Ky. Composite fence post and forming the same. 1,993,049; Mar. 5.
- Austin, James A., assignor to Jensen-Calsbery Laboratories, Inc., Kansas City, Mo. Stabilization of calcium gluconate solutions. 2,007,786; July 9.
- Austin, Jennie M., North Kingsville, Ohio. Baby's shirt. 1,998,040; Apr. 16.
- Austin, John B., Cleveland, assignor to Una Welding, Inc., East Cleveland, Ohio. Welding rod. 2,022,307; Nov. 26.

- Austin, John T., assignor to The Austin Organ Company, Hartford, Conn. Organ stop action. 2,021,126; Nov. 19.
- Austin, Miner M., Highland Park, assignor to Fansteel Products Company, Inc., North Chicago, Ill. Hard tantalum and method of hardening. 2,015,509; Sept. 24.
- Austin Organ Company, The. (See Austin, John T., assignor.)
- Austin, Roger K., Avon-by-the-Sea, N. J., assignor to Congoleum-Nairn, Inc. Linoleum Seam-cutting guide. 1,999,856; Apr. 30.
- Austin, Walter M., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit interrupter. 2,001,898; May 21.
- Austin, William E., New York, N. Y., assignor to Redro Laboratories, Inc. Unsymmetrical di-alkyl or alkyl-aralkyl derivatives of resorcinol and making same. 2,006,039; June 25.
- Austin, William E., New York, N. Y. Alkyl chloro-dioxybenzols. 2,023,160; Dec. 3.
- Auter, José P., San Feliu de Guixols, Gerona, Spain. Liquid conduction syphon. 2,018,110. Oct. 22.
- Auth, Charles, New York, N. Y. Selective talking and ringing telephone system. 2,009,470; July 30.
- Autler, Arthur, et al. (See Hamill, Ret O., assignor.)
- Autler, Grover, et al. (See Hamill, Ret O., assignor.)
- Auto Dairy Pioneers Limited. (See Enock, Arthur G., assignor.)
- Auto Radiator Manufacturing Co. (See Kirsch, B., and Pardee, assignors.)
- Auto Research Corporation. (See Banfield, F. E., Nutting, and Wright, assignors.)
- Auto Research Corporation. (See Bijur, Joseph, assignor.)
- Auto Research Corporation. (See Caldwell, Stuart H., assignor.)
- Auto Research Corporation. (See Cozy, Michael, assignor.)
- Auto Research Corporation. (See Hamilton, Harold L., assignor.)
- Auto Research Corporation. (See Kocher, Edward H., assignor.)
- Auto Research Corporation. (See Wright, Warren O., assignor.)
- Auto Union A-G. (See Porsche, Ferdinand, assignor.)
- Autocall Company, The. (See Richmond, Louis E., assignor.)
- Autocar Company, The. (See Borton, Clement A., assignor.)
- Autogas Corporation. (See Furlong, Francis A., assignor.)
- Autogiro Company of America. (See Alfaro, Heraclio, assignor.)
- Autogiro Company of America. (See Avery, Harold T., assignor.)
- Autogiro Company of America. (See Campbell, Harris S., assignor.)
- Autogiro Company of America. (See de la Cierva, Juan, assignor.)
- Autogiro Company of America. (See Larsen, Agnew E., assignor.)
- Autogiro Company of America. (See Pecker, Joseph S., assignor.)
- Autogiro Company of America. (See Pecker, J. S., and Larsen, assignors.)
- Autogiro Company of America. (See Pitcairn, Harold F., assignor.)
- Autograf Tooth Brush Co. (See Alexander, Milton W., assignor.)
- Autographic Register Company. (See Antrim, Louis C., assignor.)
- Autographic Register Company. (See Brenn, Carl W., assignor.)
- Autographic Register Company. (See Johnson, Arthur A., assignor.)
- Automatic Aktiengesellschaft für automatische Druckmaschinen. (See Kaufmann, Kurt, assignor.)
- Automatic Appliance Company, The. (See Mapel, Lewis A., assignor.)
- Automatic Brake Corporation. (See Libbey, Frederick I., assignor.)
- Automatic Burner Corporation. (See Schroeder, O. C., and Perry, assignors.)
- Automatic Canning Devices, Inc. (See Leuthesser, Fred W., Jr., assignor.)
- Automatic Cone Valve Company. (See Goldberg, David D., assignor.)
- Automatic Control Turnover Company, The. (See Weiss, Henry G., assignor.)
- Automatic Draft and Stove Company. (See Ashley, Camb J., assignor.)
- Automatic Drive & Transmission Company. (See Pleasonton, Eugene S., assignor.)
- Automatic Drive and Transmission Company. (See Vall, Henry H., assignor.)
- Automatic Electric Company Limited. (See Jolley, E. H., and Martin, assignors.)
- Automatic Equipment, Inc. (See Reimers, A. E., and Tavender, assignors.)
- Automatic Equipment, Inc. (See Tavender, Walter K., assignor.)
- Automatic File and Index Company, The. (See Straubel, Frederick L. G., assignor.)
- Automatic Gas-Steam Radiator Company. (See Blackmore, Norman L., assignor.)
- Automatic Gear Corporation, The. (See Rainsford, Thomas F., assignor.)
- Automatic Lubrication Limited. (See Clarke, Leveson C., assignor.)
- Automatic Musical Instrument Company. (See Green, Clifford H., assignor.)
- Automatic Musical Instrument Company. (See Kenyon, B. C., Boa, and Green.)
- Automatic Musical Instrument Company. (See Larsson, Burt H., assignor.)
- Automatic Musical Instrument Company. (See Olson, Phillip W., assignor.)
- Automatic Nut Company. (See Dickerhoff, Samuel C., Jr., assignor.)
- Automatic Nut Company. (See Tilsher, G. A., and Dickerhoff, assignors.)
- Automatic Parking Systems, Inc. (See Becker, Alfonse N., assignor.)
- Automatic Phonograph Corporation. (See Pitman, Richard W., assignor.)
- Automatic Power Transmission Company, The. (See Schlote, Guido F., assignor.)
- Automatic Sprinkler Company. (See Lowe, E. A., and Hamilton, assignors.)
- Automatic Sprinkler Company of America. (See Hamilton, John R., assignor.)
- Automatic Sprinkler Company of America. (See Lowe, Ernest A., assignor.)
- Automatic Sprinkler Corporation of America. (See Lowe, E. A., and Hamilton, assignors.)
- Automatic Sprinklers, Inc. (See Monthan, Carl, assignor.)
- Automatic Temperature Control Co. (See Wilhjelm, Christian, assignor.)
- Automatic Voting Machine Corporation. (See Gustavson, Alvin N., assignor.)
- Automobile Side-Drive Corporation. (See Wolfe, Homer H., assignor.)
- Automobile Ventilation, Inc. (See Crowell, William D., assignor.)
- Automotive Engineering Corporation. (See Fageol, Rollie B., assignor.)
- Automotive Engineering Corporation. (See Rayburn, Alden G., assignor.)
- Automotive Fan & Bearing Co. (See Kline, Herbert J., assignor.)
- Automotive Maintenance Machinery Co. (See Zimmerman, Herman W., assignor.)
- Automotive Products Company Limited. (See Boughton, E. B., Emmott, and Brock, assignors.)
- Automotive Products Company, Limited. (See Brock, Denis T., assignor.)
- Autopoint Company. (See Dell, Frank C., assignor.)
- Autoposts Company Inc. (See Condon, Edward T., assignor.)
- Autotype Company, The. (See Mosgrove, Charles A., assignor.)
- Autotype Company Limited, The. (See Sharp, Frank W., assignor.)
- Avedikian, Anedis, et al.* (See Yessaian, Alexander, assignor.)
- Avers, Franklin H. (See Behrman, A. H., and Avers.)
- Avery, Alfred H., Malden, Mass., assignor to North American Holding Corporation, Syracuse, N. Y. Calliper device. 2,002,334; May 21.
- Avery, B. F., & Sons Company. (See Ray, Charles T., assignor.)
- Avery, Clinton D., Minneapolis, Minn. Automatic toaster. 1,988,230; Jan. 15.
- Avery, Edgar T., Maplewood, N. J. Heating installation for domestic utilization. 1,986,914; Jan. 8.
- Avery, Edgar T., Maplewood, N. J. Burner installation for domestic boilers. 2,000,733; May 7.
- Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 1,986,875; Jan. 8.
- Avery, Harold T., Oakland, Calif., assignor to Autogiro Company of America, Willow Grove, Pa. Aircraft. 1,993,701; Mar. 5.
- Avery, Harold T., and G. Lerch, Oakland, Calif., assignors to Marchant Calculating Machine Company. Calculating machine. 2,014,013; Sept. 10.
- Avery, Harold T., and G. Lerch, Oakland, Calif., assignors to Marchant Calculating Machine Company. Calculating machine. 2,022,103; Nov. 26.
- Avery, Henry A., Groton, assignor to L C Smith & Corona Typewriters Inc., Syracuse, N. Y. Typewriting machine. 1,992,174; Feb. 26.
- Avery, Henry A., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 1,998,829; Apr. 23.
- Avery, Henry A., Groton, assignor to L. C. Smith & Corona Typewriters Inc., Syracuse, N. Y. Typewriting machine. 2,001,759; May 21.
- Avery, Henry A., Groton, assignor to L C Smith & Corona Typewriters Inc., Syracuse, N. Y. Typewriting machine frame. 2,007,995; July 16.
- Avery, Henry A., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,022,702; Dec. 3.
- Avery, Howard W., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation. Bottle shelf. 2,018,002; Oct. 22.

- Avery, John, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rotary blower casing. 2,018,827; Oct. 29.
- Avery, John P., Bridgeport, Conn., assignor to F. Kaplan, New York, N. Y. Electric switch. 2,013,532; Sept. 3.
- Avery, John S. (See Wilkes, G., and Avery.)
- Avery, Percy C., assignor to Avery Products Co., Inc., Milwaukee, Wis. High pressure container. 2,021,622; Nov. 19.
- Avery Products Co. (See Avery, Percy C., assignor.)
- Avery, True M., Glens Falls, assignor to Union Bag & Paper Corporation, Hudson Falls, N. Y. Registration compensating means. 1,999,164; Apr. 23.
- Avery, W. & T., Limited. (See Timson, William, assignor.)
- Avery, William L., Thorley, Bishop's Stortford, England. Brake mechanism and clutch. 1,988,888; Jan. 22.
- Avery, William L., Thorley, Bishop's Stortford, England. Vehicle wheel. 2,017,054; Oct. 15.
- Avery, William L., Thorley, Bishop's Stortford, England. Operating means for brakes and the like. 2,017,035; Oct. 15.
- Aviation Manufacturing Corporation. (See Hackethal, Paul F., assignor.)
- Aviation Manufacturing Corporation. (See Smith, Samuel H., assignor.)
- Avigdor, Rifat, Berlin, Germany. Pressure adjusting device for pneumatic transmission of measurements. 2,022,582; Nov. 26.
- Avis, Samuel W., Providence, R. I., assignor to Brown & Sharpe Manufacturing Company. Gear cutting machine. 2,025,034; Dec. 24.
- Avis, Samuel W., Providence, R. I., assignor to Brown & Sharpe Manufacturing Company. Gear cutting machine. 2,025,035; Dec. 24.
- Avnsoe, Thorild, Bellerose, assignor to International Cement Corporation, New York, N. Y. Apparatus for making Portland cement. 2,002,972; May 28.
- Awrey, James H. M., Hawley, Minn. Gauge. 1,999,073; Apr. 23.
- Axcell, Halge S., assignor to Bayuk Cigars Incorporated, Philadelphia, Pa. Cigar handling mechanism. 1,991,835; Feb. 19.
- Axe, Roy T. (See Edwards, O. M., and Axe.)
- Axe, Roy T., assignor, by mesne assignments, to The Syracuse Trust Company, Syracuse, N. Y., trustee. Weather strip construction for windows. 1,996,635; Apr. 2.
- Axelberg, Einar S., Minneapolis, assignor to one-half to T. O. Ormbeck, St. James, Minn. Turn signal. 2,005,963; June 25.
- Axelrod, Alexander, Zurich, Switzerland. Manufacture of baking preparations from milk. 2,018,394; Oct. 22.
- Axtell, Leonard B., Blair, Nebr. Root watering tool. 2,018,003; Oct. 22.
- Aycock, Nathaniel M., Flushing, assignor to The Texas Company, New York, N. Y. Lubricating apparatus. 1,991,341; Feb. 12.
- Ayer, Albert C., et al. (See Stippur, Frank A., assignor.)
- Ayers, Edgar H., Schenectady, N. Y., assignor to General Electric Company. Repulsion relay. 1,996,606; Apr. 2.
- Ayers, Fred L., Watertown, Mass., assignor to Brown Company, Berlin, N. H. Shoe stiffening. 2,018,245; Oct. 22.
- Ayers Limited. (See Milnes, Tom, assignor.)
- Ayers, Norman C., Newark, Ohio. Spudding assembly. 2,012,936; Sept. 3.
- Ayers, Theodore S., St. Louis, Mo., assignor to Republic Flow Meters Company, Chicago, Ill. Liquid meter. 2,020,012; Nov. 5.
- Ayres, Eugene, Swarthmore, assignor to Gulf Refining Company, Pittsburgh, Pa. Manufacture of gum inhibited motor fuels. 1,991,779; Feb. 19.
- Ayres, Eugene B., Swarthmore, assignor to Gulf Refining Company, Pittsburgh, Pa. Making a motor fuel. 2,014,350; Sept. 10.
- Ayres, Eugene, and H. G. Smith, Swarthmore, assignors to Gulf Refining Company, Pittsburgh, Pa. Treating lubricating oils. 2,010,387; Aug. 6.
- Ayres, Eugene, and H. G. Smith, Swarthmore, assignors to Gulf Refining Company, Pittsburgh, Pa. Manufacture of improved hydrocarbon products. 2,019,037; Oct. 29.
- Ayres, Russell W., Schenectady, N. Y., assignor to General Electric Company. Compressor unloader. 2,020,987; Nov. 12.
- Ayres, Waldemar, Endicott, assignor to International Business Machines Corporation, New York, N. Y. Display fixture. 2,010,839; Aug. 13.
- Ayres, Wallace S., Hazleton, Pa. Process and apparatus for removing impurities from coal or other mineral products and the like. 2,008,122; July 16.
- Azo Aktiengesellschaft. (See Lächinger, Josef O., assignor.)
- B. W. S. Company Limited, The. (See Bernon, Maurice L., assignor.)
- B & W Shoe Machinery Company. (See Delf, George A., assignor.)
- Baas, Philip B. R., Brooklyn, assignor to Brooklyn Borough Gas Company, Coney Island, N. Y. Meter testing apparatus. 1,991,310; Feb. 12.
- Baas, Philip B. R., assignor to Brooklyn Borough Gas Company, Brooklyn, N. Y. Remote pressure control apparatus. 2,023,503; Dec. 10.
- Baasch, Johann, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Ship propulsion system. 2,006,337; July 2.
- Baash-Ross Tool Company. (See Wickersham, Harry P., assignor.)
- Babb, Charles L., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pump unit. 2,000,874; May 7.
- Babb, James M. (See Rice, H. D., Jr., and Babb.)
- Babbitt, Bethel J. (See Joos, M., and Babbitt.)
- Babbitt, Harold E., and H. E. Schlenz, assignors to Board of Trustees of the University of Illinois, Urbana, Ill. Sludge digestion. 1,987,888; Jan. 15.
- Babbitt, Henry K., Wilmington, Del., and H. A. Lewis, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Initiator. 2,007,959; July 16.
- Babbitt, Homer C., Sedalia, Mo. Brake shield. 2,013,945; Sept. 10.
- Babbitt, John F., assignor to J. V. Pileher Mfg. Co., Inc., Louisville, Ky. Lip stick holder. 1,991,133; Feb. 12.
- Babcock, Bulia, administratrix. (See Babcock, George M.)
- Babcock, Earl. (See Nelson, R. S., and Babcock.)
- Babcock, George M., deceased, by B. Babcock, Evanston, Ill., administratrix. Method of and composition for rejuvenating fabrics. 2,006,192; June 25.
- Babcock, George S., assignor to Eastman Kodak Company, Rochester, N. Y. Photographically sensitive element. 2,014,547; Sept. 17.
- Babcock, Harry L., East Chicago, Ind., assignor to Graver Tank & Manufacturing Co., East Chicago, Ind. Tank. 2,024,327; Dec. 17.
- Babcock, Leo A., Cattaraugus, N. Y., assignor to Oakes & Burger Co. Milk pasteurizer. 2,000,370; May 7.
- Babcock, Oliver M., Evanston, Ill. Shipping container. 1,991,071; Feb. 12.
- Babcock, Oscar H., Jr., Pittsburgh, Pa. Tire tread remover. 2,001,595; May 14.
- Babcock, Raymond P., West Hartford, Conn. Oil burner. 2,005,964; June 25.
- Babcock & Wilcox Company, The. (See Bailey, E. G., Cassidy, Hardgrove and Jacobus, assignors.)
- Babcock & Wilcox Company. (See Bailey, E. G., and Kerr, assignors.)
- Babcock & Wilcox Company, The. (See Ebbets, George D., assignor.)
- Babcock & Wilcox Company, The. (See Fletcher, James, assignor.)
- Babcock & Wilcox Company, The. (See Galehouse, Frederick, assignor.)
- Babcock & Wilcox Company, The. (See Hardgrove, Ralph M., assignor.)
- Babcock & Wilcox Company, The. (See Jacobus, David S., assignor.)
- Babcock & Wilcox Company, The. (See Jacobus, D. S., and Behr, assignors.)
- Babcock & Wilcox Company, The. (See Kerr, Howard J., assignor.)
- Babcock & Wilcox Company, The. See Kerr, H. J., and Langvand, assignors.)
- Babcock & Wilcox Company, The. (See Kerr, H. J., Prentice, and Ebbets, assignors.)
- Babcock & Wilcox Company, The. (See Koch, Paul H., assignor.)
- Babcock & Wilcox Company, The. (See Lucke, Charles E., assignor.)
- Babcock & Wilcox Company, The. (See Millar, James F., assignor.)
- Babcock & Wilcox Company, The. (See Miller, B. H., and Trainer, assignors.)
- Babcock & Wilcox Company, The. (See Schmidt, Karl C., assignor.)
- Babcock & Wilcox Company, The. (See Stillman, Thomas B., assignor.)
- Babcock & Wilcox Company, The. (See Trainer, J. E., and Roger, assignors.)
- Babcock & Wilcox Company, The. (See Trainer, J. E., and Ziegler, assignors.)
- Babcock & Wilcox Company, The. (See Yopp, Paul R., assignor.)
- Babcock & Wilcox Tube Company, The. (See Eckroate, Otto F., assignor.)
- Babcock & Wilcox Tube Company, The. (See McAllister, Alexander R., assignor.)
- Babenco, Mauricio, S. Bachrach, and M. Raiher, Buenos Aires, Argentina. Changing of speed of motor cars and the like. 2,006,784; July 2.
- Babik, Ludwig, Berlin-Reinickendorf, and A. Jaumann, Berlin-Charlottenburg, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Radio-frequency coupling system. 1,989,730; Feb. 5.
- Babitch, Abraham M. (See Harry, G. W., and Babitch.)
- Babitch, Abraham M., Flint, Mich. Fuel pump hand priming. 1,991,537; Feb. 19.
- Babitch, Abraham M., Flint, assignor to General Motors Corporation, Detroit, Mich. Vacuum pump. 2,018,111; Oct. 22.
- Babitch, Abraham M., and G. W. Harry, assignors to A. C. Snark Plug Company, Flint, Mich. Fuel pump. 2,003,420; June 4.
- Babson, Roger W., Wellesley, Mass. Automatic parking meter. 2,006,619; July 2.
- Bace, Jess W., Taft, Calif. Propeller construction. 2,013,647; Sept. 10.

- Bach, Aaron M., San Francisco, Calif. Material handling apparatus. 1,993,434; Apr. 23.
- Bach, Anton M., Palo Alto, Calif. Actuating tool for pipe grates. 1,998,698; Apr. 23.
- Bach, Edmon. (See De Florez, L., and Bach.)
- Bach, Fred J., St. Louis, Mo. Inventory exhibitor. 1,998,858; Apr. 23.
- Bach, George W., assignor to Union Iron Works, Erie, Pa. Steam generator. 1,993,711; Mar. 5.
- Bach, Nells P., Geneva, assignor to American Can Company, New York, N. Y. Can feeding machine. 1,985,883; Jan. 1.
- Bacharach, Eric W. (See Hine, Alfred E. assignor.)
- Bachelder, William H., Wood River, assignor to Standard Oil Company, Chicago, Ill. Filter leaf structure. 2,023,910; Dec. 10.
- Bachells, David, New York, N. Y. Glass and tumbler cleaner and washer. 2,024,812; Dec. 17.
- Bachelos, Leonard H., assignor of one-tenth to J. Schecter, Los Angeles, Calif. Bathing suit removable while dressed. 1,995,531; Mar. 26.
- Bachle, Carl F., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,009,130; July 23.
- Bachle, Carl F., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,019,643; Nov. 5.
- Bachman, Paul W., assignor to General Chemical Company, New York, N. Y. Dearsenication of sulphuric acid. 2,019,038; Oct. 29.
- Bachman, Walter S., Los Angeles, Calif. Chemical feeder and process of manufacture. 2,023,459; Dec. 10.
- Bachmann, Emanuel. (See Endres, Hans, assignor.)
- Bachmann, Josef, Philadelphia, Pa. Caliper and divider. 1,998,352; Apr. 16.
- Bachmann, Robert A., New York, N. Y. Gynecological instrument. 2,008,380; July 16.
- Bachmeyer, George J., assignor to S. Hoover and B. Modderman, Kalamazoo, Mich. Collapsible carton. 2,021,980; Nov. 26.
- Bachrach, Selik. (See Babenco, M., Bachrach, and Raiher.)
- Bachus, Spencer T. (See McCartney, W. J., and Bachus.)
- Back, Hans, Stellacom, Wash. Dumping scow. 2,011,886; Aug. 20.
- Back, Joseph B., Garden City, N. Y., assignor to L. C. Parker, Boston, Mass. Cigar package. 1,999,135; Apr. 23.
- Back, Joseph B., Garden City, assignor of one-half to H. W. Rogers, Kingston, N. Y. Wood cigar shield. 2,022,641; Nov. 26.
- Back, Leonard, assignor to Iver Johnson's Arms & Cycle Works, Fitchburg, Mass. Child's vehicle. 1,987,385; Jan. 8.
- Backe, John C., Howell, Mich. Vehicle wheel. 2,023,352; Dec. 3.
- Backe, John C., Howell, Mich. Automobile wheel. 2,023,353; Dec. 3.
- Backen, Theodore, Brooklyn, N. Y. Soap cake. 2,012,862; Aug. 27.
- Backenecker, Fritz, Dusseldorf, Germany. Device for making rolls of sliced ham. 1,987,318; Jan. 8.
- Backer, Jacob. (See Biggs, George T., assignor.)
- Backer, Leslie H., Summit, J. H. Keenan, Hoboken, and J. L. Kopf, East Orange, N. J., assignors to Jabez Burnes & Sons, Inc., New York, N. Y. Roasting method. 1,991,190; Feb. 12.
- Backer, William, assignor to Swan Cleaners & Furriers, Schenectady, N. Y. Coat hanger. 2,023,392; Dec. 3.
- Backlund, Knute, Pittsburgh, Pa. Strainer. 2,019,169; Oct. 29.
- Backstay Welt Company. (See Best, Frank A., assignor.)
- Bäckström, Sigurd M., Stockholm, Sweden, assignor, by mesne assignments, to Electrolux Serval Corporation, New York, N. Y. Absorption refrigerating apparatus and method. 1,996,094; Apr. 2.
- Bacon, Charles J., Brooklyn, assignor to The Spool Cotton Company, New York, N. Y. Toy. 1,987,983; Jan. 15.
- Bacon, Daniel R., and L. H. Downs, Goshen, assignors to Percy Manufacturing Company, New York, N. Y. Turnstile. 2,004,971; June 18.
- Bacon, David L. (See Geer, C. D., and Bacon.)
- Bacon, John J., Gasport, N. Y. Receptacle handle. 2,017,782; Oct. 15.
- Bacon, John W., and T. S. Warren, assignors to T. S. Warren, Hermosa Beach, Calif. Therapeutic device. 2,003,527; June 4.
- Bacon, Russel R., Wilmington, assignor to Shell Development Company, San Francisco, Calif. Heating fluids. 2,023,161; Dec. 3.
- Bacon, Thomas S. (See Thompson, C. L., Bacon, and Bludworth.)
- Bacon, Thomas S., assignor to Lone Star Gas Company, Dallas, Tex. Purifying gas. 2,019,468; Oct. 29.
- Bacon, Willard M., Jr., Miami, Fla., assignor to J. H. Ellis and E. J. O'Hare, Chicago, Ill. Electrically driven lure carriage and trackage therefor. 2,002,427; May 21.
- Bacon, William I. (See Barclay, W. R., James, and Bacon.)
- Bacon, William I. (See Hazelton, G., James, and Bacon.)
- Bacqueyrisse, Louis, Paris, France. Resilient wheel for rail vehicles. 2,012,369; Aug. 27.
- Bacsa, Johann, Pressbaum, Austria, assignor of one-fifth to A. Oberle, Washington, D. C., and one-fifth to S. Mittler, Vienna, Austria. Oxide electrode for alkaline accumulators. 2,007,170; July 9.
- Badcon, Eber W., assignor to Resilient Hammer, Inc., Seattle, Wash. Electric hammer. 2,002,762; May 28.
- Bade, Ervin O., and A. D. Miller, Fort Wayne, Ind. Illuminated form. 2,016,794; Oct. 8.
- Baden, Martin W., Winfield, Kans. Apparatus for use in testing solutions. 1,992,458; Feb. 26.
- Badenhausen Corporation. (See Badenhausen, Phillips, assignor.)
- Badenhausen, Phillips, Philadelphia, assignor to Badenhausen Corporation, Cornwells Heights, Pa. Slag bottom for furnaces. 2,004,152; June 11.
- Badenhauser Corporation. (See Rohrer, Josiah H., assignor.)
- Bader, Jakob, Zurich, Switzerland. Surge protector. 1,992,852; Feb. 26.
- Bader, Kaspar, London, England. Casting mouth heating for line composing and casting machines. 2,011,702; Aug. 20.
- Bader, Walter, and E. B. Thomas, Spondon near Derby, England, assignors to Celanese Corporation of America. Treatment of catalyst masses. 1,999,388; Apr. 30.
- Badger, Arthur C., deceased, Newton, Mass., T. L. Badger, and R. H. Holt, executors, assignors, by mesne assignments, to Badger Fire Extinguisher Company, Boston, Mass. Expansion joint. 2,013,547; Sept. 3.
- Badger Carton Company. (See Froelig, Rudolph A., assignor.)
- Badger Fire Extinguisher Company. (See Badger, Arthur C., assignor.)
- Badger, Harry M., assignor to Landers, Frary & Clark, New Britain, Conn. Rotary compressor. 2,018,341; Oct. 22.
- Badger Meter Manufacturing Company. (See Krueger, Emil M., assignor.)
- Badger Meter Manufacturing Company. (See Miller, Jacob C., assignor.)
- Badger, Theodore L., executor et al. (See Badger, Arthur C.)
- Badger, Walter L., Ann Arbor, Mich. Concentrating solutions. 1,996,988; Apr. 9.
- Badgley, Roy J., Converse, Ind. Mop holder. 2,015,582; Sept. 24.
- Badgley, Roy J., Springfield, Ohio. Making mops. 2,004,804; June 11.
- Badlam, Stephen, Rosslyn Farms Borough, Pa. Rolling mill. 1,988,679; Jan. 22.
- Badorf, Harry A. (See Lessard, Gilbert M., assignor.)
- Baehni, Ernst C. (See Feremutsch, Paul, assignor.)
- Baehr, Hans, and H. Mengdehl, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Separation of hydrogen sulphide from gaseous mixtures containing the same. 1,990,217; Feb. 5.
- Baender, Frederick G., Corvallis, Oreg. Reclaiming used lubricating oils. 1,988,773; Jan. 22.
- Baer, Albert M., New York, N. Y. Pocket knife blade. 1,996,501; Apr. 2.
- Baer, Alvin H., Carbondale, Pa., assignor, by mesne assignments, to Worthington Pump and Machinery Corporation, Harrison, N. J. Gas condensing and separating system. 2,018,594; Oct. 22.
- Baer, Emanuel H. (See Ernest, William, assignor.)
- Baer, John M., Chicago, Ill., assignor to The Guardite Corporation. Fumigation. 2,007,738; July 9.
- Baer, Julius, Munich, Germany. Traveling set. 2,003,102; May 28.
- Baer, Lawrence E., Attleboro, Mass., assignor to The Baer & Wilde Company. Necktie holder. 2,002,231; May 21.
- Baer, Lawrence E., Attleboro, Mass., assignor to The Baer & Wilde Company. Character frame. 2,024,085; Dec. 10.
- Baer, Oscar, assignor to Jacob Walder, Paterson, N. J. Heddle frame. 2,014,515; Sept. 17.
- Baer & Wilde Company, The. (See Baer, Lawrence E., assignor.)
- Baerwalde, Emil, Cleveland, Ohio. Guide for T-square. 1,992,409; Feb. 26.
- Baetz, Gottwald. (See Krauch, C., Eyer, Baetz, and Korn.)
- Bager, Frederic E., South Milwaukee, Wis., and W. Solberg, Sarpborg, Norway, assignors to T. L. Smith Company, Milwaukee, Wis. Concrete mixing and distributing apparatus. 1,997,847; Apr. 16.
- Bager, William M., Fox Point, assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Excavating dipper. 2,018,628; Oct. 22.
- Baggaley, John H. (See Marsh, F. S., and Baggaley.)
- Baggett, Henry T., and H. D. Bolton, assignors to Hughes Tool Company, Houston, Tex. Pump and valve for liquid dispensing devices. 1,993,255; Mar. 5.
- Baggett, William T., Dallas, Tex. Newspaper clip. 2,018,198; Oct. 22.
- Bagley, Boyd O., Elmira, N. Y. Starting and reset gauge for looms. 1,987,138; Jan. 8.
- Bagley, Robert M., Haddonfield, N. J., and G. J. Huntley, Baltimore, Md., said Huntley assignor to said Bagley. Grease dispenser. 1,999,797; Apr. 30.
- Bagley, Robert M., Haddonfield, N. J. Metered grease dispenser. 2,006,532; July 2.
- Bagley and Sewall Company, The. (See Valentine, Charles W., assignor.)
- Bagley and Sewall Company, The. (See Valentine, C. W., and Holin, assignors.)

- Bagley, William H., Jr., assignor of thirty per cent to J. A. Bent and thirty per cent to R. J. Welch, Detroit, Mich. Motor mounting. 2,001,562; May 14.
- Bagnoli, Oreste J., Woodcliff, N. J., T. C. Wilson, Brooklyn, and J. H. Young, assignors to T. C. Wilson, Incorporated, New York, N. Y. Tube cleaner. 2,005,359; June 18.
- Bagpak, Inc. (See Baker, Webster N., assignor.)
- Bagpak, Inc. (See Baker, W. N., Knode, and Grimm, assignors.)
- Bagpak, Inc. (See Cundall, Robert N., assignor.)
- Bagpak, Inc. See Cundall, R. N., and Powell, assignors.)
- Baguley, Noel G., Kenilworth, C. F. Topham, Earlston, Coventry, and T. B. Lewis, Coventry, England, assignors to Courtaulds Limited, London, England. Apparatus for testing the thickness of threads, wires, strips, and the like. 2,014,998; Sept. 17.
- Bagwell, Landrum E., Laurens, S. C. Toilet structure for bathrooms or the like. 2,009,756; July 30.
- Bahan, George F., Charlotte, N. C. Automatic warp stop motion for looms. 1,999,623; Apr. 30.
- Bahan, George F., Charlotte, N. C. Heddle bar lock for looms. 2,001,236; May 14.
- Bahan, William H., Greenville, and F. G. Cobb, Lancaster, S. C. Filling detector for looms. 2,018,650; Oct. 29.
- Bahlke, William H., and T. E. Stockdale, Hammond, Ind., assignors to Standard Oil Company (Indiana), Chicago, Ill. Distillation. 1,997,675; Apr. 16.
- Bahlke, William H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Refining lubricating oils. 2,017,782; Oct. 15.
- Bahson Company, The. (See Simpson, Jerry H., assignor.)
- Bahr, August T. J., St. Louis, Mo., assignor to Bahr Starting Gate Corporation, Chicago, Ill. Portable starting gate with fixed stalls. 1,992,802; Feb. 26.
- Bahr, Gustave F., Fairfield, assignor to J. H. Cohen, Bridgeport, Conn. Splash guard for vehicle wheel fenders. 2,012,921; Aug. 27.
- Bahr, Robert W., administrator. (See Bahr, William.)
- Bahr, William, deceased, R. W. Bahr, administrator, Deer River, assignor of one-half to The Northwest Paper Company, Cloquet, Minn. Electrically controlled fastening machine. 2,023,570; Dec. 10.
- Bahr Starting Gate Corporation. (See Bahr, August T. J., assignor.)
- Bahr Starting Gate Corporation. (See Fihe, Albert J., assignor.)
- Bailes, Bob B., Stigley, Okla. Muzzle. 2,003,229; May 28.
- Bailey, Albert T., Montclair, N. J., assignor to Dupont Viscoidol Company, Wilmington, Del. Manufacture of decorative plastic. 1,994,164; Mar. 12.
- Bailey, Almont A., Jr., Portland, Oreg. Exposure meter. 1,990,361; Feb. 5.
- Bailey, Alonzo W., Cleveland Heights, Ohio. Sign construction. 2,021,347; Nov. 19.
- Bailey, Austin, Maplewood, and W. T. Wintringham, Orange, N. J., assignors to American Telephone and Telegraph Company. Radio receiving antenna. 1,992,282; Feb. 26.
- Bailey, Austin, Maplewood, N. J., A. E. Harper, Rockville Centre, and F. H. Willis, Brooklyn, N. Y., assignors to American Telephone and Telegraph Company. Transmitting wave antenna system. 1,992,283; Feb. 26.
- Bailey, Charles C., Smithville, assignor to A. Stern, Bernardsville, N. J. Insect swatter. 1,991,836; Feb. 19.
- Bailey, Charles F., and J. P. Distler, assignors to Keystone Steel & Wire Company, Peoria, Ill. Paper-back fabrics for reinforcing work. 2,013,641; Sept. 10.
- Bailey, Charles M., San Francisco, Calif. Boiler pressure regulator. 2,008,125; July 16.
- Bailey, Claude B., Wyandotte, assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Gasket. 2,006,381; July 2.
- Bailey, Claude B., Wyandotte, assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Composite sheets. 2,019,474; Nov. 5.
- Bailey, David R., Sacramento, assignor to California Almond Growers Exchange, San Francisco, Calif. Grading apparatus. 2,020,015; Nov. 5.
- Bailey, Douglas P., Tulsa, Okla., assignor to The Texas Company, New York, N. Y. Converting hydrocarbon oils. 2,026,505; Dec. 31.
- Bailey, Edgar L. (See McCortney, W. J., and Bailey.)
- Bailey, Edgar L., Birmingham, and W. J. McCortney, Royal Oak, assignors to Chrysler Corporation, Detroit, Mich., Internally coating hollow articles. 1,997,761; Apr. 16.
- Bailey, Edward G., et al. (See Grainger, Lewis M. D., assignor.)
- Bailey, Ernest L., Boscawen, N. H. Corn shock holding and binding device. 2,003,874; June 4.
- Bailey, Ervin G., Easton, assignor to Fuller Lehigh Company, Fullerton, Pa. Furnace. 1,986,662; Jan. 1.
- Bailey, Ervin G., Easton, Pa., assignor to Fuller Lehigh Company, New York, N. Y. Furnace. 1,986,663; Jan. 1.
- Bailey, Ervin G., Easton, assignor to Fuller Lehigh Company, Fullerton, Pa. Furnace. 1,986,667; Jan. 1.
- Bailey, Ervin G., Easton, Pa., assignor to Fuller Lehigh Company, New York, N. Y. Furnace. 1,992,459; Feb. 26.
- Bailey, Ervin G., Easton, Pa., assignor, by mesne assignments, to Fuller Lehigh Company. Burning fluid fuel. 1,994,443; Mar. 12.
- Bailey, Ervin G., Easton, Pa., assignor, by mesne assignments, to Fuller Lehigh Company. Fluid fuel burner. 1,994,444; Mar. 12.
- Bailey, Ervin G., Easton, assignor to Fuller Lehigh Company, Fullerton, Pa. Resilient holding means. 1,994,456; Mar. 19.
- Bailey, Ervin G., Easton, Pa., assignor to Fuller Lehigh Company, New York, N. Y. Furnace. 2,012,415; Aug. 27.
- Bailey, Ervin G., Easton, assignor to Fuller Lehigh Company, Fullerton, Pa. Furnace structure. 2,024,198; Dec. 17.
- Bailey, Ervin G., Easton, and D. H. N. Mayo, Bethlehem, Pa., assignors to Fuller Lehigh Company, New York, N. Y. Burner. 1,994,447; Mar. 12.
- Bailey, Ervin G., Easton, Pa., P. R. Cassidy, Short Hills, N. J., R. M. Hardgrove, Westfield, and D. S. Jacobus, Montclair, N. J., assignors to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 1,999,984; Apr. 30.
- Bailey, Ervin G., Easton, Pa., H. J. Kerr and R. M. Hardgrove, Westfield, N. J., assignors to Fuller Lehigh Company, Fullerton, Pa. Steam boiler. 2,002,463; May 21.
- Bailey, Ervin G., Easton, Pa., H. J. Kerr, Westfield, N. J., and R. M. Hardgrove, Bethlehem, assignors to Fuller Lehigh Company, Fullerton, Pa. Boiler furnace. 2,002,464; May 21.
- Bailey, Ervin G., Easton, Pa., and H. J. Kerr, Westfield, N. J., assignors to The Babcock & Wilcox Company, Bayonne, N. J. Slag drip and screen. 2,002,465; May 21.
- Bailey, Ervin G., Easton, Pa., and R. Shellenberger, Westfield, N. J., assignors to Fuller Lehigh Company, New York, N. Y. Furnace. 2,011,026; Aug. 13.
- Bailey, Ervin G., Easton, Pa., P. R. Cassidy, Short Hills, and R. M. Hardgrove, Westfield, N. J., assignors to Fuller Lehigh Company, Fullerton, Pa. Grinding mill. 2,012,265; Aug. 27.
- Bailey, Ervin G., Easton, Pa., P. R. Cassidy, Short Hills, and R. M. Hardgrove, Westfield, N. J., assignors to Fuller Lehigh Company, Fullerton, Pa. Grinding mill. 2,012,266; Aug. 27.
- Bailey, Ervin G., Easton, Pa., P. R. Cassidy, Short Hills, N. J., and R. M. Hardgrove, Westfield, N. J., assignors to Fuller Lehigh Company, Fullerton, Pa. Grinding mill with divided feed. 2,012,783; Aug. 27.
- Bailey, Ervin G., Easton, Pa., P. R. Cassidy, Short Hills, N. J., and R. M. Hardgrove, Westfield, N. J., assignors to Fuller Lehigh Company, New York, N. Y. Pulverizing mill. 2,012,802; Aug. 27.
- Bailey, Ervin G., Easton, and R. M. Hardgrove, Bethlehem, Pa., assignors to Fuller Lehigh Company, Fullerton, Pa. Process and apparatus for returning due dust to a furnace. 2,024,197; Dec. 17.
- Bailey, Frederic W. (See Hillen, W. G., and Bailey.)
- Bailey, Garland H., Baltimore, Md. Serum and preparing it. 1,988,680; Jan. 22.
- Bailey, George W., Cortland, N. Y. Visual test apparatus. 1,990,218; Feb. 5.
- Bailey, James R., Austin, Tex., assignor to Union Oil Company of California, Los Angeles, Calif. Obtaining organic nitrogen bases. 1,998,485; Apr. 23.
- Bailey, James H., New Canaan, Conn., assignor to Hart, Cooley, Highton, Co., New Britain, Conn. Register. 2,017,680; Oct. 15.
- Bailey, John A., Willows, Calif. Device for poisoning rodents. 1,990,262; Feb. 5.
- Bailey, Rand S., Glen Ridge, N. J., assignor to American Telephone and Telegraph Company. Radio receiving apparatus. 2,023,504; Dec. 10.
- Bailey, Samuel J., Nicholson, Pa. Ironing board. 1,998,483; Apr. 23.
- Bailey, Samuel J., Nicholson, Pa. Folding ironing table. 2,002,283; May 21.
- Bailey, Theodore, New York, N. Y. Dispensing device. 2,014,158; Sept. 10.
- Bailey, Thomas H., Kingsport, Tenn. Rifle attachment. 2,019,383; Oct. 29.
- Bailey, Thomas L., and W. S. Wiebusch, Ventura, assignors to Shell Development Company, San Francisco, Calif. Apparatus for geological surveying. 2,017,522; Oct. 15.
- Bailey, Vernon, Washington, D. C. Anchorage. 2,011,390; Aug. 13.
- Bailey, Vernon, Washington, D. C. Animal trap. 2,020,598; Nov. 12.
- Bailey, William H., Pueblo, assignor to The Colorado Fuel and Iron Company, Denver, Colo. Dam facing. 2,010,803; Aug. 13.
- Bailey, William M., Lynn, Mass., assignor, by mesne assignments, to General Electric Company. Short wave capacitor. 1,999,857; Apr. 30.
- Bailey, William M., Lynn, Mass., assignor, by mesne assignments, to General Electric Company. Variable mica condenser. 2,000,686; May 7.
- Bailey Meter Company. (See Barnes, Frederick A., assignor.)
- Bailey Meter Company. (See Barrett, Joseph M., assignor.)
- Bailey Meter Company. (See Lucke, Charles E., assignor.)
- Bailey Meter Company. (See Ryder, John D., assignor.)
- Baillie, Alfred J., Wyndmoor, Chestnut Hill, Pa. Rake. 2,014,123; Sept. 10.
- Baillio, Alexander F., assignor to General Motors Corporation, Detroit, Mich. Oil cooler. 2,007,590; July 9.

- Baillio, Christie N. (See Fowler, J. W., and Baillio.)
 Bailly, Robert W., Philadelphia, Pa. Apparatus for eliminating the transmission of vibrations. 2,018,294; Oct. 22.
 Bailly, Robert W., Philadelphia, Pa., and R. B. Gage, Trenton, N. J. Apparatus for consolidating plastic materials by means of a vibrating roller. 2,025,703; Dec. 31.
 Bain, William H., Portsmouth, Ohio. Shoe and making same. 2,004,425; June 11.
 Bainbridge, Edmund F., Albany, N. Y. Treatment of alloys. 2,004,483; June 11.
 Bair, Edward J., New Hartford, assignor to Utica Radiator Corporation, Utica, N. Y. Heating convector. 2,002,763; May 28.
 Bair, John T., et al. (See Berstler, Carl E., assignor.)
 Bair, Le Vere, Bloomington, Mich. Score pad and card holder. 1,989,258; Jan. 29.
 Baird, Dudley, Berkeley, Calif., and R. W. Rowen, New York, N. Y., assignors to Nichols Engineering and Research Corporation, New York, N. Y. Incinerating method and apparatus. 2,015,050; Sept. 17.
 Baird, Dudley, Berkeley, Calif., assignor to Nichols Engineering & Research Corporation, New York, N. Y. Drying and incinerating of sewage, garbage, etc. 2,015,051; Sept. 17.
 Baird, John L., assignor to Television Limited, London, England. Television apparatus. 2,006,124; June 25.
 Baird, Wilbur W., Cincinnati, assignor of three-eighths to H. R. Schlueter, Mariemont, Ohio. Radio program indicator and announcer. 2,011,670; Aug. 20.
 Baird, William, Blackley, England, assignor to Imperial Chemical Industries Limited. Accelerator for the vulcanization of rubber. 2,014,421; Sept. 17.
 Baird, William F., Winchester, Mass. Method of and apparatus for controlling heat transfer. 1,990,219; Feb. 5.
 Baird, William F., Lexington, Mass. Autofrosting refrigerating apparatus. 1,993,129; Mar. 5.
 Baird Warner, Incorporated. (See Warner, Charles L., assignor.)
 Bairley, John L., Berkeley, Calif. Clamp for cables, wires, ropes and the like. 1,995,289; Mar. 26.
 Baisch, Carl F., and J. W. White, said Baisch assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Braking mechanism. 2,002,876; May 28.
 Baj, Alessandro, Milan, Italy. Fuel spray injection for internal combustion engines. 2,002,134; May 21.
 Bajda, James J., South Orange, N. J. Treating cacao beans. 2,004,497; June 11.
 Bake, Louis S. (See Downing, F. B., and Bake.)
 Bakelite Building Products Co. (See Harshberger, Norman P., assignor.)
 Bakelite Building Products Co. Inc. (See Harshberger, Norman P., assignor.)
 Bakelite Corporation. (See Blount, Clinton W., assignor.)
 Bakelite Corporation. (See Courtney, Robert P., assignor.)
 Bakelite Corporation. (See Elbel, E., and Seebach, assignors.)
 Bakelite Corporation. (See Groff, Frazier, assignor.)
 Bakelite Corporation. (See Hanson, Norman D., assignor.)
 Bakelite Corporation. (See Mills, Harry P., assignor.)
 Bakelite Corporation. (See Nash, C. A., and Daniels, assignors.)
 Bakelite Corporation. (See Schuey, Ralph C., assignor.)
 Bakelite Corporation. (See Süssenguth, Otto, assignor.)
 Bakelite Corporation. (See Turkington, Victor H., assignor.)
 Bakelite Corporation. (See Turkington, V. H., and Butler, assignors.)
 Bakelite Corporation. (See Wakefield, Harold F., assignor.)
 Bakelite Gesellschaft mit beschränkter Haftung. (See Elbel, Ernst, assignor.)
 Bakelite Gesellschaft mit beschränkter Haftung. (See Seebach, Fritz, assignor.)
 Bakelite Gesellschaft mit beschränkter Haftung. (See Süssenguth, Otto, assignor.)
 Bakener, Floyd L., Byron, Ill. Apron for cultivator shovels. 2,025,844; Dec. 31.
 Baker, Albert L., Sacramento, Calif. Ventilating fan. 2,010,804; Aug. 13.
 Baker, Alvah L. (See McFall, Frank H., assignor.)
 Baker, Arthur L., Fredonia, Kans. Fluid pressure brake. 2,020,229; Nov. 5.
 Baker, Arthur W., and S. C. Mitchell, Rockdale, near Sydney, Australia. Volume controller or potentiometer for radio receivers. 2,009,286; July 23.
 Baker, Avery S., Monaca, Pa. Suction operated device for spark control. 2,015,374; Sept. 24.
 Baker, B. J., & Company, et al. (See Welch, William E., assignor.)
 Baker, Benjamin P., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,025,697; Dec. 24.
 Baker, Benjamin P., Turtle Creek, and W. M. Leeds, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Circuit interrupter. 1,991,878; Feb. 19.
 Baker-Bennett-Day, Inc. (See Rector, Thomas M., assignor.)
 Baker, Bert F. (See Knox, H. A., and Baker.)
 Baker Brothers, Inc. (See Hallenbeck, George E., assignor.)
 Baker, Burton L., Allston, Mass. Mop cleaning apparatus. 1,995,443; Mar. 26.
 Baker, C. E., et al. (See Frye, Jason S., assignor.)
 Baker, Carl I., Pearl River, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 1,999,351; Apr. 30.
 Baker, Charles S., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve assembly. 2,010,129; Aug. 6.
 Baker, Chester L., assignor to Philadelphia Quartz Company of California, Ltd., Berkeley, Calif. Producing crystalline hydrates of alkali metal silicates. 2,017,561; Oct. 15.
 Baker & Company. (See Capillon, E. A., and Carter, assignors.)
 Baker & Company. (See Krivig, Stephen J., assignor.)
 Baker and Company et al. (See Tilley, J. N., and Whitehead, assignors.)
 Baker & Company, Inc. (See Krivig, Stephen J., assignor.)
 Baker, David B. (See Johnston, E. A., and Baker.)
 Baker, David B., Riverside, N. O. Panzegrav, Chicago, and C. R. Rogers, Oak Park, Ill., assignors to International Harvester Company. Two-man seat for tractors. 2,010,052; Aug. 6.
 Baker, Edward E. (See Gregory, L. H., and Baker.)
 Baker, Eugene L., Taunton, Mass. Top rack lighter. 1,996,397; Apr. 2.
 Baker, Geoffrey B. (See Tedham, W. F., and Baker.)
 Baker, Hallis, assignor to J. F. Vanderpool and W. H. Baker, Golden, Idaho. Miners fuse cutter. 2,002,050; May 21.
 Baker, Harold R. (See Greenfield, R. E., and Baker.)
 Baker, Harold U., South Pasadena, Calif. Machine for making stovepipe casing. 2,007,996; July 16.
 Baker, Harry J., Indianapolis, Ind., assignor to The Prest-O-Lite Company, Inc. Cabinet for cylinders of fuel gas. 2,012,803; Aug. 27.
 Baker, Harry S., Arlington, assignor to The Ashton Valve Company, Cambridge, Mass. Pop safety valve. 2,001,375; May 14.
 Baker, Herbert F. (See Shoemaker, F. G., and Baker.)
 Baker, Herbert K., Detroit, Mich. Metal structure. 2,025,708; Dec. 31.
 Baker, Horace C., Green Bay, assignor to Patten Paper Company, Ltd., Appleton, Wis. Envelope stuffing machine. 2,001,009; May 14.
 Baker Ice Machine Co. Inc. (See Schneider, Albert E., assignor.)
 Baker, James N., assignor to The Black & Decker Manufacturing Company, Towson, Md. Portable power hammer. 2,013,296; Sept. 3.
 Baker, John B., assignor to The Timken Roller Bearing Company, Canton, Ohio. Sectional bearing cage. 2,013,123; Sept. 3.
 Baker, John C., Montclair, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Electrolyzing apparatus. 2,011,171; Aug. 13.
 Baker, John C., and G. D. Peet, Montclair, assignors to Wallace & Tiernan Company, Inc., Belleville, N. J. Method and apparatus for treating water. 1,995,914; Mar. 26.
 Baker, John G., Pittsburgh, Pa. Figure toy. 2,021,588; Nov. 19.
 Baker, John G., Pittsburgh, Pa. Figure toy. 2,024,135; Dec. 17.
 Baker, John G., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Capacitor motor. 2,003,031; May 28.
 Baker, John S., Evansville, Wis. Lubricating mechanism. 2,005,724; June 25.
 Baker, John S., and R. M. Schultz, assignors to Cook Electric Company, Chicago, Ill. Testing heat motors for leaks. 1,995,699; Mar. 26.
 Baker, Judd O., Hastings-on-Hudson, N. Y., assignor to Radio Corporation of America. Talking motion picture apparatus. 1,989,963; Feb. 5.
 Baker, Kenneth H., Attleboro Falls, assignor to H. E. Sweet, Attleboro, Mass., doing business as R. F. Simmons Company. Connector for wrist watch bracelets. 2,014,713; Sept. 17.
 Baker, Lewis T., assignor to Southern Lock Joint Stave Company, Inc., Jacksonville, Fla. Sampling device. 1,996,534; Apr. 2.
 Baker-McMillen Company, The. (See Belden, Don A., assignor.)
 Baker, Nelson M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 1,988,536; Jan. 22.
 Baker, Paul E., and P. W. Gaenssle, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake drum. 2,008,811; July 23.
 Baker, Paul G., San Pierre, assignor of one-half to C. J. Kramer, Gary, Ind. Musical instrument rack. 1,986,703; Jan. 1.
 Baker, Paul W., assignor to Wagner Electric Corporation, St. Louis, Mo. Switch mechanism. 2,025,324; Dec. 24.
 Baker, Paul W., Morristown, and J. A. Schiffner, Dover, N. J., assignors to Gotham Silk Hosiery Company, Inc., New York, N. Y. Thread cleaning device. 2,019,644; Nov. 5.
 Baker Oil Tools, Inc. (See Baker, Reuben C., assignor.)
 Baker Oil Tools, Inc. (See Baker, R. C., and Burt, assignors.)
 Baker Oil Tools, Inc. (See Burt, Clarence E., assignor.)
 Baker Oil Tools, Inc. (See Crowell, Alvin B., assignor.)

- Baker Perkins Company. (See Eggert, Gustav B., assignor.)
- Baker Perkins Company. (See Eppler, Eugen, assignor.)
- Baker Perkins Company. (See Haug, Friedrich, assignor.)
- Baker Perkins Company. (See Lasch, A., and Stromer, assignors.)
- Baker Perkins Company. (See Pointon, J. E., and Harber, assignors.)
- Baker Perkins Company. (See Roser, Heinrich, assignor.)
- Baker Perkins Company, Inc. (See Savy, Robert, assignor.)
- Baker Perkins Company, Inc. (See Schmierer, Eugene, assignor.)
- Baker Perkins Company, Inc. (See Sundbom, Chester A., assignor.)
- Baker, Ralph B., Chicago, Ill. Pin opening device. 1,992,984; Mar. 5.
- Baker, Randall B., Needham, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Annunciator. 2,004,645; June 11.
- Baker-Raulang Company, The. (See Remde, Edward H., assignor.)
- Baker-Raulang Company, The. (See Stahl, Edward J., assignor.)
- Baker, Reuben C., Coalinga, Calif. Combined shoe guide and bull plug for well casings. 1,994,846; Mar. 19.
- Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington, Calif. Rotary core barrel. 1,994,847; Mar. 19.
- Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Fishing tool. 2,026,295; Dec. 31.
- Baker, Reuben C., Coalinga, and C. E. Burt, Los Angeles, assignors to Baker Oil Tools, Inc., Huntington Park, Calif. Cement retainer. 1,992,933; Mar. 5.
- Baker, Reuben C., Coalinga, and C. E. Burt, Los Angeles, assignors to Baker Oil Tools, Inc., Huntington Park, Calif. Rotary core barrel. 1,994,848; Mar. 19.
- Baker, Robert D., Birmingham, Mich. Machine and method for fine-grading roadbeds. 1,990,362; Feb. 5.
- Baker, Robert D., Birmingham, Mich. Fine-grading machine. 1,995,629; Mar. 26.
- Baker, Robert E., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Bottle dispensing cooler. 1,990,973; Feb. 12.
- Baker, Stanley, Richmond Hill, assignor to Edward T. Condon, New York, N. Y. Indicator for electric fuses. 2,021,473; Nov. 19.
- Baker, Vernon L., Waitsburg, Wash. Vending machine. 1,994,745; Mar. 19.
- Baker, Virgil H., assignor to The Lagonda Manufacturing Company, Springfield, Ohio. Tube cleaner. 2,025,009; Dec. 17.
- Baker, Webster E. B., Lock Haven, Pa., assignor to Stein, Hall & Company, Inc., New York, N. Y. Coating composition and preparing same. 2,024,123; Dec. 10.
- Baker, Webster N., Baldwin, assignor to Bagpak, Inc., New York, N. Y. Apparatus for and method of making multiwall bags. 2,013,086; Sept. 3.
- Baker, Webster N., Baldwin, H. C. Knode, Larchmont, and J. W. Grimm, Brooklyn, N. Y., assignors to Bagpak, Inc. Bag. 2,017,838; Oct. 22.
- Baker, William E., Swanton, Ohio. Fluid supply device. 1,996,789; Apr. 9.
- Baker, William H., et al. (See Baker, Hallis, assignor.)
- Baker, William P., et al. (See Roth, William A., assignor.)
- Baker Manufacturing Company. (See Buffington, Harry C., assignor.)
- Baker Oil Tools, Inc. (See Baker, Reuben C., assignor.)
- Bakke, Hans A. (See Abbott, T. A., and Bakke.)
- Bakke, Hans A., Swampscott, Mass., assignor to General Electric Company. Connecting link. 2,010,710; Aug. 6.
- Bakker, Frederik H., The Hague, Netherlands. Excavator. 1,999,681; Apr. 30.
- Bakker, Frederik H., The Hague, Netherlands. Excavator. 1,999,682; Apr. 30.
- Bakker, Jacob F. J., Lakewood, Ohio. Balance block for buildings. 2,014,643; Sept. 17.
- Bakker, Lodewijk, Gieten, assignor to N. V. Vernis-Verf en Japanlakkfabrieken Hermann A. Schreuder & Co., Schoonhoven, Netherlands. Ornamenting surfaces with a relief pattern. 1,991,996; Feb. 19.
- Balam, Maurice A., assignor of one-half to Rain Machine, Ltd., Lamport, and one-half to West Coast Pipe & Steel Company, Los Angeles, Calif. Water sprinkler. 1,987,814; Jan. 15.
- Balbi, Charles M. R., London, England. Adjusted sound amplification. 2,003,875; June 4.
- Balch, Thomas V. (See Bohnsack, J. A., and Balch.)
- Balch, Thomas V., Shaker Heights, assignor to The E. F. Hauserman Company, Cleveland, Ohio. Sectional cornice construction for metal partitions and the like. 1,993,499; Mar. 5.
- Balcom, Charles H., Binghamton, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Nail-distributor. 2,004,233; June 11.
- Baldof, Bruno E., assignor to United States Gypsum Company, Chicago, Ill. Acoustical wall support. 1,943,1; Jan. 22.
- Baldof, Bruno E., assignor to United States Gypsum Company, Chicago, Ill. Antivibration boat construction. 2,002,517; May 28.
- Baldof, Bruno E., assignor to United States Gypsum Company, Chicago, Ill. Resilient building construction. 2,026,117; Dec. 31.
- Baldwin, Alfred W., and A. Davidson, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Production of ethers. 1,999,315; Apr. 30.
- Baldwin, Amasa W., Hartford, Conn. Dumping vehicle. 1,997,329; Apr. 9.
- Baldwin, Clyde P., Claremont, N. H., assignor to Sullivan Machinery Company. Coal breaking and dislodging apparatus. 2,026,296; Dec. 31.
- Baldwin Company, The. (See Knoblaugh, Aramnd F., assignor.)
- Baldwin, Curtis C., and V. S. Miller, Ottawa, Kans. Centrifugal concentrator. 2,003,767; June 4.
- Baldwin-Duckworth Chain Corporation. (See McCann, J. F., and Johnson, assignors.)
- Baldwin, Edward E., New York, N. Y. Timepiece. 1,997,570; Apr. 16.
- Baldwin, Eugene N., Donora, Pa. Condenser. 1,999,074; Apr. 23.
- Baldwin, Everett E., Elmira, assignor to Eclipse Machine Company, Elmira Heights, N. Y. Engine starter drive. 2,012,264; Aug. 27.
- Baldwin, Frank A., Yonkers, N. Y. Armature winding machine. 2,003,169; May 28.
- Baldwin, George S., Cleveland Heights, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Pressing machine and element. 2,022,176; Nov. 26.
- Baldwin, George S., Cleveland Heights, assignor to The American Laundry Machinery Company, Norwood, Ohio. Two-hand control for presses. 2,022,767; Dec. 3.
- Baldwin, Harry W., Hamakua, Territory of Hawaii. Plume. 2,003,730; June 4.
- Baldwin, James A., Lawrence, Mass. Displaying device. 2,019,384; Oct. 29.
- Baldwin, James H. (See Gruver, J. H., and Baldwin.)
- Baldwin, James H., New Milford, Conn. Power driven vehicle. 2,002,518; May 28.
- Baldwin, James L., Chicago, Ill. Package elevator. 1,990,363; Feb. 5.
- Baldwin, Julian T. (See Jackson, R. G., and Baldwin.)
- Baldwin, Minot J., Akron, Ohio. Making illustrations. 1,988,106; Jan. 15.
- Baldwin, Morris J., Harborcreek, Pa., assignor to General Electric Company. Rectilinear motor. 1,986,616; Jan. 1.
- Baldwin, Ross P., Drexel Hill, Pa. Adjustable guide arm. 1,988,934; Jan. 22.
- Baldwin Rubber Company. (See Clark, Samuel C., assignor.)
- Baldwin Rubber Company. (See Koelliker, Herman M., assignor.)
- Baldwin-Southwark Corporation. (See Dinzi, Richard W., assignor.)
- Baldwin-Southwark Corporation. (See Doyle, W. L. H., and Mellin, assignors.)
- Baldwin-Southwark Corporation. (See Galson, Henry L., assignor.)
- Baldwin-Southwark Corporation. (See Kerr, Samuel L., assignor.)
- Baldwin-Southwark Corporation. (See Kruse, Otto V., assignor.)
- Baldwin-Southwark Corporation. (See Locke, Arthur S., assignor.)
- Baldwin-Southwark Corporation. (See Nonnenbruch, Otto, assignor.)
- Baldwin-Southwark Corporation. (See Sharp, Robert E. B., assignor.)
- Baldwin-Southwark Corporation. (See Spellman, C. B., and Greig, assignors.)
- Baldwin-Southwark Corporation. (See Tripolitis, Constantine B., assignor.)
- Baldwin-Southwark Corporation. (See Wyld, Reginald G., assignor.)
- Baldwin, Truman V., Geneva, N. Y. Can drier and sterilizer. 1,992,460; Feb. 26.
- Bales, James E., assignor to Lyon Metal Products Incorporated, Aurora, Ill. Shelving. 1,990,629; Feb. 12.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Display rack. 2,012,983; Sept. 3.
- Balfie, George T., assignor to Detroit Gasket & Manufacturing Company, Detroit, Mich. Sheet metal punch machine. 2,000,208; May 7.
- Balfie, George T., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich. Gasket. 2,011,563; Aug. 20.
- Baliko, Steeve G., Flint, Mich. Spark plug cleaner. 2,007,844; July 9.
- Balinger, Lee O., Lakewood, assignor of two-thirds to William J. Wessler, Cleveland, Ohio. Mop construction. 2,010,795; Aug. 6.
- Balke, Hans. (See Kaiser, W., and Balke.)
- Balkema, Albert. (See Holmes, F., and Balkema.)
- Ball, Albert L. (See Benner, R. C., Ball, and Houchins.)
- Ball, Albert L., Lewiston, and R. C. Benner, assignors to The Carborundum Company, Niagara Falls, N. Y. Manufacture of abrasive articles. 1,998,919; Apr. 23.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Slide for extensible windows. 1,990,220; Feb. 5.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Truck body construction. 1,991,484; Feb. 19.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Making trays. 1,996,561; Apr. 2.

- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Refrigerator cabinet. 1,999,798; Apr. 30.
- Ball, Albert P., assignor to Square D Company, Detroit, Mich. Electrical switch. 2,002,623; May 28.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Truck body construction. 2,011,965; Aug. 20.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Automobile body construction. 2,019,110; Oct. 29.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle body construction. 2,019,111; Oct. 29.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Making vehicle body panels. 2,021,095; Nov. 12.
- Ball Brothers Company. (See Ludington, Lawrence L., assignor.)
- Ball, Charles F. (See Shafer, S., Jr., and Ball.)
- Ball, Charles F., assignor to Chain Belt Company, Milwaukee, Wis. Concrete pump. 1,991,342; Feb. 12.
- Ball, Charles F., assignor to Chain Belt Company, Milwaukee, Wis. Pipe coupling. 1,991,343; Feb. 12.
- Ball, Charles F., assignor to Chain Belt Company, Milwaukee, Wis. Leakage preventing means for concrete mixing receptacles. 1,994,010; Mar. 12.
- Ball, Charles F., assignor to Chain Belt Company, Milwaukee, Wis. High discharge concrete mixer and operating the same. 1,998,749; Apr. 23.
- Ball, Charles F., assignor to Chain Belt Company, Milwaukee, Wis. Concrete pumping system. 2,001,661; May 14.
- Ball, Charles F., assignor to Chain Belt Company, Milwaukee, Wis. Closure mechanism for the discharge openings of concrete mixer drums. 2,006,206; June 25.
- Ball, Charles F., assignor to Chain Belt Company, Milwaukee, Wis. Discharge mechanism for concrete mixers. 2,006,728; July 2.
- Ball, Charles F., assignor to Chain Belt Company, Milwaukee, Wis. Pump for concrete and analogous plastic mixtures. 2,007,888; July 9.
- Ball, Charles F., assignor to Chain Belt Company, Milwaukee, Wis. Concrete pump. 2,012,944; Sept. 3.
- Ball, Charles F., assignor to Chain Belt Company, Milwaukee, Wis. Mixer and agitator for concrete and the like. 2,018,112; Oct. 22.
- Ball, Donald A. (See Quick, C. G., Ball, and Bennett.)
- Ball, Donald A. (See Quick, C. G., Ball, and Whitehead.)
- Ballentine, Earle W., assignor to Solar Industries, Inc., Chicago, Ill. Apparatus for generating ions. 2,018,434; Oct. 22.
- Ball, Emery F., Plains, Kans. Weeder. 2,008,483; July 16.
- Ball, Francis J. (See Biddle, C. M., Jr., and Ball.)
- Ball, Francis J., Willow Grove, Pa., assignor of one-third to C. M. Biddle, 3d., Riverton, and one-third to D. P. Mitchell, Woodbury, N. J. Trellis and plant protector. 2,009,867; July 30.
- Ball, Frederick O., assignor to Chrysler Corporation, Detroit, Mich. Intake manifold. 2,011,994; Aug. 20.
- Ball, Frederick O., and T. M. Ball, Detroit, Mich. Carburetor. 2,024,419; Dec. 17.
- Ball, Frederic W., Mount Vernon, N. Y. Dish rack. 1,989,841; Feb. 5.
- Ball, Harry V. (See Tomlin, J. R., and Ball.)
- Ball, Hubert E. (See Tilke, George F., assignor.)
- Ball, James H. (See Dinley, Clarence R., assignor.)
- Ball, Joseph A., Los Angeles, Calif., assignor, by mesne assignments, to Technicolor, Inc., New York, N. Y. Three color photography. 2,000,058; May 7.
- Ball, Joseph F., San Francisco, Calif. Electric heater. 2,022,453; Nov. 26.
- Ball, P. Dec. (See Deschamps, Desire J., assignor.)
- Ball, Thomas M. (See Ball, Frederick O., and T. M.)
- Ballantine, John P., Seattle, Wash. Multiple-rate power metering. 2,000,736; May 7.
- Ballantine, Stuart, Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Means for and method of detection. 1,998,859; Apr. 23.
- Ballantine, Stuart, Mountain Lakes, N. J., assignor to Radio Corporation of America. Balanced automatic volume control. 2,014,831; Sept. 17.
- Ballantine, Stuart, Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electric wave altimeter. 2,020,347; Nov. 12.
- Ballantyne, Horatio. (See Moore, C. W., and Ballantyne.)
- Ballard, Bernard T. (See Ross, I. G., and Ballard.)
- Ballard, Ernest S., Berkeley, Calif., assignor to Standard Process Corporation, Chicago, Ill. Method and apparatus for half-tone, color, or similar photography. 1,990,896; Feb. 5.
- Ballard, Ernest S., Berkeley, Calif., assignor, by mesne assignments, to Standard Process Corporation, Chicago, Ill. Producing a printing plate. 2,024,086; Dec. 10.
- Ballard, Ernest S., Berkeley, Calif., assignor to Standard Process Corporation, Chicago, Ill. Printing plate. 2,024,087; Dec. 10.
- Ballard, Harrie A., Beverly, Mass., assignor to The Turner Tanning Machinery Company, Portland, Maine. Machine for operating upon hides, skins, and pieces of leather. 1,992,175; Feb. 26.
- Ballard, Harrie A., Beverly, Mass., assignor to The Turner Tanning Machinery Company, Portland, Maine. Measuring machine. 2,021,218; Nov. 19.
- Ballard, Herbert D., Binghamton, N. Y. Pump. 2,011,139; Aug. 13.
- Ballard, Howard T., et al, trustees. (See Pratt, Harry P., assignor.)
- Ballard, Howard T., trustee, et al. (See Pratt, Harry P., assignor.)
- Ballard, Howard W., and D. E. Krabbe, Los Angeles, Calif. Sanitary garment. 2,011,027; Aug. 13.
- Ballard, Milton H. (See Seely, T. H., and Ballard.)
- Ballard, Milton H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon sheet material. 1,992,936; Mar. 5.
- Ballard, Milton H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe machine. 2,014,462; Sept. 17.
- Ballard, Milton H., Beverly, Mass., E. A. Bessom, Marblehead, Mass., and N. H. Knowlton, Rockport, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Heel cover trimming machine. 2,013,022; Sept. 3.
- Ballard, Milton H., and D. G. McLean, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon sheet metal. 2,021,138; Nov. 19.
- Ballard, Milton H., and D. G. McLean, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Clicking machine. 2,021,219; Nov. 19.
- Ballard, Milton H., and D. G. McLean, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Driving mechanism. 2,021,220; Nov. 19.
- Ballash, Joseph L., Cleveland, and P. Bucheister, assignors to The Sterling Grinding Wheel Company, Tiffin, Ohio. Abrasive device. 2,023,041; Dec. 3.
- Ballauf, Fritz. (See Bergdolt, A., and Ballauf.)
- Ballauf, Fritz, and A. Schmelzer, Cologne-Mulheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Indol compound. 2,003,421; June 4.
- Balle, Charles W. (See Rueppel, F. R., and Balle.)
- Balle, Gerhard, and F. Grom, Frankfurt-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Stable halogen derivatives of caoutchouc and preparing same. 2,022,614; Nov. 26.
- Balle, Gerhard, and F. Grom, Frankfurt-on-the-Main, and K. Wolf, Oggersheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Abrasive. 2,023,191; Dec. 3.
- Ballenger, Edgar G. (See Grayson, R. V., and Ballenger.)
- Ballentine, Charlie P., St. Stephen, S. C. Vine cutter. 2,011,671; Aug. 20.
- Ballentine, Earle W., assignor to Solar Industries, Inc., Chicago, Ill. Fan. 1,998,184; Apr. 16.
- Ballentine, Earle W., assignor to Solar Industries, Inc., Chicago, Ill. Heat regulating device. 2,011,028; Aug. 13.
- Ballentine, George M. (See Gage, George J., assignor.)
- Ballert, Otto, Berlin, Germany. Self loading vehicle. 1,996,945; Apr. 9.
- Ballert, Otto, Berlin, Germany. Hydraulic rear tipper for fast delivery vans. 2,004,744; June 11.
- Ballert, Otto, and E. Wendt, Berlin, Germany. Covering machine for electrical conductors and the like. 1,989,660; Feb. 5.
- Balletta, Joseph, Jamaica Beach, assignor of one-half to A. Bashuk, Brooklyn, N. Y. Wind and water proofing shingled house corners. 2,020,988; Nov. 12.
- Ballew, Elmer L., et al. (See Flukes, Andrew, assignor.)
- Ballew, George T. (See Boeh, A., and Ballew.)
- Ballew, Lester A., Johnson City, Tenn. Ice cream making machine. 1,993,130; Mar. 5.
- Ballingall, James M. (See Rambush, N. E., and Ballingall.)
- Ballou, B. A., & Co. (See Morehouse, Eugene, assignor.)
- Ballou, Laurene F., Ludlow, Vt. Indicator for vehicle lights. 1,997,848; Apr. 16.
- Ballou, Virg. (See McLaughlin, Wilson L. and H. L., and Ballou.)
- Balls, Arnold K., and W. S. Hale, Washington, D. C., dedicated to the free use of the public. Inhibiting the discoloration of fruits and vegetables. 2,011,465; Aug. 13.
- Balluteen, Musa. (See Richeson, Sanford E., assignor.)
- Balousek, William E., assignor to W. J. Dennis & Company, Chicago, Ill. Plant support. 2,000,911; May 14.
- Balousek, William E., Hinsdale, assignor to W. J. Dennis & Company, Chicago, Ill. Automatic door bottom. 2,022,930; Dec. 3.
- Balsa, Bautista, Buenos Aires, Argentina. Safety device for motor vehicles and the like. 1,986,314; Jan. 1.
- Balsam, Maurice M. (See Rubin, H. H., and Balsam.)
- Balsiger, Harold E. (See Steiner, A. P., and Balsiger.)
- Balsiger, Harold E. (See Steiner, A. P., Wine, Ott, and Balsiger.)
- Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Automatic control mechanism. 2,001,447; May 14.
- Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Hydraulic motor and making the same. 2,013,397; Sept. 3.
- Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Timing mechanism. 2,019,039; Oct. 29.

- Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Thermostatic control for grinding machines. 2,019,040; Oct. 29.
- Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Automatic sizing device. 2,019,066; Oct. 29.
- Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Feed control. 2,023,777; Dec. 10.
- Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Crowning and concaving device for roll grinding machines. 2,025,010; Dec. 17.
- Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Control for sheet rolling mills. 2,025,562; Dec. 24.
- Balsley, James R., assignor, by mesne assignments, to Movietoneux, Inc., New York, N. Y. Automatically regulating the intensity of a printing light. 1,999,556; Apr. 30.
- Baltes, Max, and K. Briesewitz, Leverkusen-I. G.-Werk, and A. Zitscher, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water insoluble azodyestuffs. 1,992,461; Feb. 26.
- Baltimore Enamel & Novelty Co., The. (See Little, H. B., and Miller, assignors.)
- Baltimore Paper Box Company, The. (See Fairchild, Walter H., assignor.)
- Baltzley, Louis E., Glen Ridge, assignor to Best Manufacturing Co. Inc., Irvington, N. J. Game. 2,011,995; Aug. 20.
- Balz, Emil A., Athens, Wis. Fruit jar opener and tightener. 2,005,410; June 18.
- Balzer, Fritz, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Duplex driving mechanism. 2,017,935; Oct. 22.
- Bambairtite Battery Company. (See Bamber, Charles K., assignor.)
- Bambenek, Dominic C., assignor to Peerless Chain Company, Winona, Minn. Traction device for the wheels of automotive vehicles. 1,999,713; Apr. 30.
- Bambenek, Joseph B., assignor to Peerless Chain Company, Winona, Minn. Combined connector and antichafing bearing for tire chains. 1,999,714; Apr. 30.
- Bamber, Charles K., London, assignor to Bambairtite Battery Company, Limited, London, England. Battery cell. 2,022,998; Dec. 3.
- Bamberger, Alfred H. (See Daniele, Edmund, assignor.)
- Bamberger, Curt. (See Schmidt, R. E., and Bamberger.)
- Bamberger, Curt. (See Weinand, K., Bamberger, and Utsch.)
- Bamberger, Edwin I., Shaker Heights, Ohio. Safety signal for firearms. 1,992,934; Mar. 5.
- Banbury, Fernley H., Ansonia, Conn. Mixer for plastics. 1,987,659; Jan. 15.
- Bancroft, Albert F., West Newton, assignor to Bancroft-Walker Company, Boston, Mass. Shoe and making the same. 1,996,317; Apr. 2.
- Bancroft Holdings Limited. (See Johns, Henry S., assignor.)
- Bancroft, James E., assignor, by mesne assignments, to The Richmond Fireproof Door Company, Richmond, Ind. Door operating mechanism. 2,006,082; June 25.
- Bancroft, James E., Detroit, Mich., assignor, by mesne assignments, to The Peelle Company, Brooklyn, N. Y. Door operating mechanism. 2,008,893; July 23.
- Bancroft-Walker Company. (See Bancroft, Albert F., assignor.)
- Bancroft-Walker Company. (See Ray, George M., assignor.)
- Band Box Corporation, The. (See Martin, John E., assignor.)
- Bandes, Joseph. (See Bandes, Julius, and J.)
- Bandes, Julius and J., Brooklyn, N. Y. Playing card cabinet. 2,002,166; May 21.
- Bandish, Joseph M., Chicago, Ill. Packing. 1,998,890; Apr. 23.
- Bandman, Albert, New York, N. Y. Celluloid strip holder for dental work. 1,990,889; Feb. 12.
- Bandoly, Erich, assignor to Taylor Instrument Companies, Rochester, N. Y. Combined air leak and valve for a sphygmomanometer. 2,006,878; July 2.
- Bandoly, Erich, assignor to Taylor Instrument Companies, Rochester, N. Y. Manometer. 2,021,280; Nov. 19.
- Bandurski, Walter, Chicago, Ill. Air conditioner. 2,001,332; May 21.
- Bane, John N., South Boston, Va. Bookmark. 2,001,650; May 14.
- Banfield, Frederic E., Jr., G. B. Nutting, Saco, Maine, and Warren O. Wright, Freeport, N. Y. Spinning and twister frame. 2,005,725; June 25.
- Banfield, Frederic E., Jr., Saco, Maine, and Henry R. Marsh, Waltham, assignors to Saco-Lowell Shops, Boston, Mass. Mechanism for twisting fibers. 1,986,755; Jan. 1.
- Bangel, William A., Bedondo Beach, Calif. Tool. 1,992,596; Feb. 26.
- Bangratz, Ernest G., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,008,675; July 23.
- Bangs, Ralph L., Wakefield, assignor to Forest Wadding Company, Boston, Mass. Container. 2,006,705; July 2.
- Bangs, Ralph L., Wakefield, and W. A. Hermanson, Brighton, assignors to Forest Wadding Company, Boston, Mass. Paper bag. 1,993,394; Mar. 5.
- Bangs, Ralph L., Wakefield, and W. A. Hermanson, Brighton, assignors to Forest Wadding Company, Boston, Mass. Insulated cover. 2,006,706; July 2.
- Banigan, Thomas F., Richmond, Va., assignor to Du Pont Rayon Company, New York, N. Y. Manufacture of artificial threads. 2,015,392; Sept. 24.
- Bank, Albert M., assignor to S. Bank, Jersey City, N. J. Chair bottom. 2,010,578; Aug. 6.
- Bank, Sylvia. (See Bank, Albert M., assignor.)
- Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Change speed transmission. 1,985,884; Jan. 1.
- Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Vehicle transmission mechanism. 1,994,631; Mar. 19.
- Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Automatic change speed transmission mechanism. 1,996,790; Apr. 9.
- Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Planetary transmission mechanism. 2,005,726; June 25.
- Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Change speed transmission. 2,012,296; Aug. 27.
- Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Transmission control mechanism. 2,015,834; Oct. 1.
- Banker, Oscar H., Philadelphia, Pa., assignor to Continental Illinois Bank and Trust Company, Chicago, Ill. Transmission. 2,003,963; June 4.
- Banker, Oscar H., Philadelphia, Pa. Inking mechanism for multicolor printing presses. 2,022,840; Dec. 3.
- Bankers Protection Company. (See Brown, George W., assignor.)
- Banks, Robert W., Memphis, Tenn. Smoker's pipe. 1,995,086; Mar. 19.
- Banks, William C., Jersey City, N. J. Bracket insulator. 1,992,284; Feb. 26.
- Banner, Abraham, assignor to Jack Israel, Inc., New York, N. Y. Reversible body hand bag. 1,994,746; Mar. 19.
- Banner, Otto A., assignor to John Waldron Corporation, New Brunswick, N. J. Gear type coupling. 2,022,703; Dec. 3.
- Banning, Samuel W., trustee. (See Moseley, William H., assignor.)
- Banning, Thomas A., Jr., Wilmette, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Vehicle brake system. 1,998,650; Apr. 23.
- Bannister, Bryant, Mount Lebanon, Pa. Protective coating for metals. 1,986,704; Jan. 1.
- Bannister, Bryant, Mount Lebanon, Pa. Apparatus for sinking tubular work pieces. 2,005,125; June 18.
- Bannister, Bryant, Mount Lebanon, Pa. Apparatus for forming tubular blanks. 2,017,386; Oct. 15.
- Bannister, Bryant, Mount Lebanon, Pa. Apparatus for processing tubular metal work-pieces. 2,017,387; Oct. 15.
- Bannister, Bryant, Mount Lebanon, Pa. Method and apparatus for manufacturing seamless pipes and tubes. 2,017,388; Oct. 15.
- Bannister, Bryant, Mount Lebanon, Pa. Method and apparatus for the manufacture of seamless tubes. 2,025,146; Dec. 24.
- Bannister, Bryant, Mount Lebanon, Pa. Apparatus for expanding and elongating tubular work pieces. 2,025,147; Dec. 24.
- Bannister, Bryant, Mount Lebanon, Pa. Apparatus for the manufacture of pipes and tubes. 2,025,148; Dec. 24.
- Bannister, Clyde E., Akron, Ohio. Drilling apparatus. 2,002,385; May 21.
- Bannister, Clyde E., Akron, Ohio. Double piston fluid motor. 2,002,386; May 21.
- Bannister, Clyde E., Akron, Ohio. Rocker blade bit. 2,002,388; May 21.
- Bannister, Clyde E., Akron, Ohio. Well drilling device. 2,016,066; Oct. 1.
- Bannister, Clyde E., Akron, Ohio. Well drilling apparatus. 2,016,067; Oct. 1.
- Bannister, Clyde E., Akron, Ohio. Earth boring device. 2,016,068; Oct. 1.
- Bannister, Clyde E., Houston, Tex. Well drilling apparatus. 2,002,387; May 21.
- Bannister, Sydney H. (See Olpin, H. C., and Bannister.)
- Bannister, William J., Terre Haute, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Gum inhibitor for motor fuel. 2,017,827; Oct. 15.
- Bannon, John F., Lonsdale, R. I. Cloth finishing machine. 2,006,533; July 2.
- Banowetz, Michael W., New Orleans, La. Valve. 2,010,251; Aug. 6.
- Santa, George D., Ypsilanti, assignor to Chrysler Corporation, Detroit, Mich. Oscillatory connection. 2,002,284; May 21.
- Bantam Ball Bearing Company, The. (See Allee, Herbert D., assignor.)
- Bantam Ball Bearing Company, The. (See Herrmann, Karl L., assignor.)
- Bantly, Mossi B., Los Angeles, Calif. Dispensing device. 1,995,411; Mar. 26.
- Banwell, James, Cleveland, Ohio. Paving strip. 2,012,370; Aug. 27.
- Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Control system. 1,992,803; Feb. 26.

- Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Regulating system. 1,998,302; Apr. 16.
- Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Control of circuit breakers. 2,001,563; May 14.
- Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Automatic control equipment. 2,004,776; June 11.
- Bapty, Samuel L. (See Collyear, J. R., and Bapty.)
- Baracolo Manufacturing Company. (See Vallone, Charles, assignor.)
- Baratelli, Ambrogio, Varese, Italy. Device for the correct steering of trailers. 1,999,748; Apr. 30.
- Barbaro, Joseph, Boston, assignor of one-half to H. D. Brenner, Brookline, Mass. Electrically ignited liquid fuel burner. 2,019,645; Nov. 5.
- Barbaro, Vincent F., San Francisco, Calif. Wearing apparel. 2,009,336; July 23.
- Barbee, Cecil R. (See Sinz, L. P., and Barbee.)
- Barber Asphalt Company, The. (See Forrest, Charles N., assignor.)
- Barber Asphalt Company, The. (See Freegard, William, assignor.)
- Barber Asphalt Company, The. (See Hayden, Harold P., assignor.)
- Barber Asphalt Company, The. (See Smith, Preston R., assignor.)
- Barber Asphalt Company, The. (See Smith, P. R., and Douthett, assignors.)
- Barber-Colman Company. (See Clark, Earl W., assignor.)
- Barber-Colman Company. (See Edgar, John, assignor.)
- Barber-Colman Company. (See Horner, R. A., and Brand, assignors.)
- Barber-Colman Company. (See Peterson, Burt A., assignor.)
- Barber, Franklin L., and E. W. Webb, assignors to Standard Car Truck Company, Chicago, Ill. Lateral motion roller seat for car trucks. 1,990,924; Feb. 12.
- Barber, George H., New Rochelle, N. Y., and G. B. Pratt, assignors to Bond Electric Corporation, Jersey City, N. J. Flash light. 1,992,140; Feb. 19.
- Barber, George H., New Rochelle, N. Y., and G. B. Pratt, Grantwood, assignors to Bond Electric Corporation, Jersey City, N. J. Flash light. 1,995,141; Mar. 19.
- Barber Greene Company. (See Barber, Harry H., assignor.)
- Barber, Harry H., assignor to Barber-Greene Company, Aurora, Ill. Road loader and mixing machine. 1,997,037; Apr. 9.
- Barber, Harry H., assignor to Barber Greene Company, Aurora, Ill. Road finishing machine. 2,012,784; Aug. 27.
- Barber, Homer M., Reno, Nev. High vapor expansion turbine. 2,002,497; May 28.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet feed rotary printing press. 1,986,385; Jan. 1.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Inking mechanism for rotary printing presses. 1,996,607; Apr. 2.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet delivery mechanism for printing presses. 1,997,290; Apr. 9.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet delivery mechanism for printing presses. 2,001,295; May 14.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet delivery mechanism for printing presses. 2,001,296; May 14.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Offset printing press. 2,003,798; June 4.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Offset printing press. 2,003,799; June 4.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Offset printing press. 2,003,800; June 4.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Convertible web printing press. 2,024,813; Dec. 17.
- Barber, Hugh L. (See Lausen, Christian A., assignor.)
- Barber, Pearley Lee, Turner, Ore. Molded container. 1,991,649; Feb. 19.
- Barber, Theodore S., Wilkes-Barre, Pa. Headlight. 2,006,125; June 25.
- Barber, William, Brooklyn, N. Y. Brake drum. 1,990,890; Feb. 12.
- Barber, William J., North Adams, assignor of one-half to C. Shugg, Williamstown, Mass. Steam boiler. 2,016,765; Oct. 8.
- Barber, William R. (See Natwick, A. G., Ostenson, and Barber.)
- Barber, William R., A. G. Natwick, and M. W. Phelps, Camas, Wash., assignors to Crown Willamette Paper Company, San Francisco, Calif. Copperized pear wrap paper. 1,988,231; Jan. 15.
- Barbet, Henri, Scarsdale, assignor to Albert Godde, Bedin, Inc., New York, N. Y. Fabric. 1,998,041; Apr. 16.
- Barbezat, Fritz, La Chaux-de-Fonds, Switzerland, assignor to the firm Bulova Watch Company Inc., New York, N. Y. Self-winding wrist watch. 2,007,105; July 2.
- Barblan, Paul F., Chicago, Ill. Spring suspension. 2,007,173; July 9.
- Barbieri, Cesare, New York, N. Y., assignor to Vortex Cup Company, Chicago, Ill. Dispenser. 2,000,008; May 7.
- Barbieri, Cesare, New York, N. Y., assignor to Vortex Cup Company, Chicago, Ill. Cup. 2,022,177; Nov. 26.
- Barbieri, David, Garwood, N. J., assignor to exposure gauging device for cameras. 1,991,311; Feb. 12.
- Barbour, James G., assignor to The Metropolitan Paving Brick Company, Canton, Ohio. Making trickling filter floor blocks. 2,014,269; Sept. 10.
- Barbour Welting Company. (See Vizard, William C., assignor.)
- Barce, John O., Chicago, Ill. Flushing apparatus. 1,997,401; Apr. 9.
- Barclay, Hjalmar V., Corona, N. Y. Fastener for fabrics and the like. 2,010,343; Aug. 6.
- Barclay, John P., East Haven, Conn. Machine for making wire rope or the like. 1,998,430; Apr. 23.
- Barclay, Sidney Fraser, Park Works, Manchester, England, assignor to General Fire Extinguisher Company, Providence, R. I. Extinguishing fires. 2,008,847; July 23.
- Barclay, William R. (See Gouldbourn, J., and Barclay.)
- Barclay, William R., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Finishing machine. 1,993,953; Mar. 12.
- Barclay, William R., C. H. James, and W. I. Bacon, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Heel and heel-seat fitting. 2,025,704; Dec. 31.
- Barclays Bank Limited, et al., executors. (See Guest, J. J., and Wheatley.)
- Barco Manufacturing Co. (See Bard, Francis N., assignor.)
- Bard, Charles T., Gales Ferry, Conn. Ball closing fitting. 2,012,863; Aug. 27.
- Bard, Francis N., Highland Park, assignor to Barco Manufacturing Co., Chicago, Ill. Train pipe connector. 2,000,157; May 7.
- Bard, Francis N., Highland Park, Ill., assignor to Walworth Patents, Inc., Boston, Mass. Lubricated plug valve. 2,014,463; Sept. 17.
- Bard, Francis N., Highland Park, Ill., assignor to Walworth Patents, Inc., Boston, Mass. Check valve. 2,024,905; Dec. 17.
- Bard, Joseph, Hartford, Conn. Registering device for printing presses. 2,016,221; Oct. 1.
- Barden, Earl M., assignor to Packard Motor Car Company, Detroit, Mich. Striping instrument. 1,994,238; Mar. 12.
- Barden, Earl M., assignor to Packard Motor Car Company, Detroit, Mich. Painting instrument. 1,995,142; Mar. 19.
- Barden, William S., Stapleton, N. Y., assignor to Radio Corporation of America. Adjacent channel selectivity. 1,987,984; Jan. 15.
- Barden, William S., Stapleton, N. Y., assignor to Radio Corporation of America. Push-pull amplifier control. 2,000,433; May 7.
- Barden, William S., Stapleton, N. Y., assignor to Radio Corporation of America. Push-pull amplifier. 2,017,199; Oct. 15.
- Barden, William S., Stapleton, N. Y., and W. van B. Roberts, Princeton, N. J., assignors to Radio Corporation of America. Duo-signaling system. 2,017,886; Oct. 22.
- Barden, William S. G., Staten Island, N. Y., assignor to Radio Corporation of America. Superheterodyne receiver. 1,997,991; Apr. 16.
- Bardet, George A. and G. V., Berkeley, Calif., assignors to M-J-B Company. Attaching keys to can ends. 1,995,494; Mar. 26.
- Bardet, George A. and G. V., Berkeley, Calif., assignors to M. J. B. Company. Key attaching mechanism. 2,002,105; May 21.
- Bardet, George A. and G. V., Berkeley, Calif., assignors to M. J. B. Company. Can vacuumizing and seaming machine. 2,018,113; Oct. 22.
- Bardet, George V. (See Bardet, George A., and G. V.)
- Bardin, Louis D. (See Bouvier, M. E., and Bardin.)
- Bardin, Louis D. (See Bouvier, M. E., Bardin, and Chavan.)
- Bardon, Donis M., Seattle, Wash. Rod holder. 1,992,165; Feb. 26.
- Bardwell, Edwin A., assignor to Mayhew Steel Products, Inc., Shelburne Falls, Mass. Tool. 2,024,136; Dec. 17.
- Bare, Martin K. (See Claxton, E., and Bare.)
- Barenes, Robert, Bordeaux, France. Machine for assembling printed gatherings or similar objects. 1,999,953; Apr. 30.
- Barentzen, Walter E. (See Gugger, P. H., and Barentzen.)
- Barényi, Árpád, Berlin-Lichterfelde, assignor to Voigtlander & Sohn Aktiengesellschaft, Brunswick, Germany. Photographic-roll film. 1,991,442; Feb. 19.
- Barényi, Árpád, Berlin-Lichterfelde, assignor to Voigtlander & Sohn Aktiengesellschaft, Brunswick, Germany. Photographic camera. 1,998,568; Apr. 23.
- Barényi, Árpád, Berlin-Lichterfelde, assignor to Voigtlander & Sohn Aktiengesellschaft, Brunswick, Germany. Photographic film camera. 2,011,432; Aug. 13.
- Barényi, Árpád, Berlin-Lichterfelde, assignor to Voigtlander & Sohn Aktiengesellschaft, Brunswick, Germany. Photographic film camera. 2,012,334; Aug. 27.

- Barfod, Frederik, assignor to Bendix Aviation Corporation, South Bend, Ind. Universal connection. 1,994,805; Mar. 19.
- Bargar, Edgar. (See Sucky, R. R., McGonigal, and Bargar.)
- Bargar, Frederick C., Columbus, Ohio. Dishwashing apparatus. 1,997,849; Apr. 16.
- Barge, William D., Pelham, assignor to The George S. Holmes Co., Inc., New York, N. Y. Soundproof wall construction. 1,987,568; Jan. 8.
- Barge, William D., Pelham, N. Y., assignor to The George S. Holmes Co., Inc., New York, N. Y. Hung ceiling for sound insulation. 2,024,961; Dec. 17.
- Barhoff, Fred W., Jr. (See Barhoff, Fred W., and F. W., Jr.)
- Barhoff, Fred W., Hartford, Conn. Automobile heater. 2,019,646; Nov. 5.
- Barhoff, Fred W., Hartford, and F. W. Barhoff, Jr., West Hartford, assignors to The Bunsen Oil Burner Corporation, Hartford, Conn. Oil burner. 2,020,867; Nov. 12.
- Bark, William, J. H. Schmidt, and J. V. Mazurie, Gary, Ind., assignors to National Tube Company. Apparatus for rolling pipe. 2,005,310; June 18.
- Bark, William, J. V. Mazurie, and O. F. Olson, Gary, Ind., assignors to National Tube Company. Mill mandrel bar. 2,017,389; Oct. 15.
- Barkel, Jean A. H., Altadena, Calif. Gas distribution in inlet manifolds for internal combustion engines. 2,012,902; Aug. 27.
- Barkel, Jean A. H., Altadena, Calif., assignor to George C. Arvedson, New York, N. Y. Internal combustion engine. 2,012,845; Aug. 27.
- Barker, Auriol, Thornleigh, near Sydney, New South Wales, Australia. Screw propeller. 2,011,672; Aug. 20.
- Barker, Charles F., assignor to Durable Mat Company (Canada) Limited, Victoria, British Columbia, Canada. Floor mat construction. 1,988,825; Jan. 22.
- Barker, Charles F., Glencoe, Ill. Photocell control for cut-off mechanism. 2,007,266; July 9.
- Barker, Edwin H., Moylan, assignor to A. H. Wirz, Inc., Chester, Pa. Method and machine for processing collapsible tubes. 2,001,760; May 21.
- Barker, George A., Rochester, N. Y. Manifold. 2,014,371; Sept. 17.
- Barker, George R., United States Navy. Gyrocompass. 2,024,621; Dec. 17.
- Barker, Gulian D., Springfield, Mass. Bowling game apparatus. 2,014,306; Sept. 10.
- Barker, Jesse W. (See Ammerman, J. W., Barker, Klopfer, and Maness.)
- Barker, Jesse W., Geneva, N. Y. Table top catch for gas ranges. 2,012,864; Aug. 27.
- Barker, Jesse W., Geneva, N. Y. Stove door hinge. 2,023,948; Dec. 10.
- Barker, John O., assignor to Sweets Laboratories, Inc., New York, N. Y. Plastic composition and doll's head carrying same. 2,024,124; Dec. 10.
- Barker, Seeman W., assignor of one-half to Eugene V. Myers, East Orange, N. J. Wrapper or container. 2,011,703; Aug. 20.
- Barker, Virgil D. (See Johnstone, H. G., and Barker.)
- Barker, Walter R., assignor to United Autographic Register Co., Chicago, Ill. Typewriter attachment. 1,995,087; Mar. 19.
- Barkhausen, Paul E., and C. H. King, assignors to Globe-Union Mfg. Co., Milwaukee, Wis. Handle for storage battery cases. 2,025,149; Dec. 24.
- Barkley, Fred W. (See Mandell, Irving F., assignor.)
- Barkley, Fred W., Winthrop, Mass. Sheet handling machine. 1,986,671; Jan. 1.
- Barkley, Fred W., Winthrop, Mass. Paper feeding machine. 1,997,273; Apr. 9.
- Barklie, Robert H. D. (See Drum, J. J., Hagyard, and Barklie.)
- Barks, Frank S., St. Louis, Mo. Lubricator. 2,025,632; Dec. 24.
- Barks, Frank S., St. Louis, and A. P. Fox, University City, assignors to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,003,032; May 28.
- Barks, Frank S., St. Louis, A. P. Fox, University City, and W. Z. Linders, Ferguson, assignors to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,010,174; Aug. 6.
- Barlow, Elmer J. (See Pettingill, C., and Barlow.)
- Barlow, Henry W. (See Kline, E., and Barlow.)
- Barlow, James A., North Hackensack, N. J., assignor to Raju Holding Company. Electric baker. 2,019,170; Oct. 29.
- Barmer-Maschinenfabrik A.-G. (See Vollenbroich, Theodor, assignor.)
- Barmer Maschinenfabrik, Aktiengesellschaft. (See Boehmann, Otto, assignor.)
- Barmer Maschinenfabrik Aktiengesellschaft. (See Boehmann, O., and Lenk, assignors.)
- Barmer Maschinenfabrik, Aktiengesellschaft. (See Langwieler, Rudolf, assignor.)
- Barmer Maschinenfabrik Aktiengesellschaft. (See Lenk, Wilhelm, assignor.)
- Barmer Maschinenfabrik Aktiengesellschaft. (See Zinselmeyer, Walter, assignor.)
- Barnard, Arthur E., Waterbury, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Manufacture of rubber articles. 2,018,508; Oct. 22.
- Barnard, Dean S., Hinsdale, Ill., assignor to The Rome Company, Inc. Fastenings between springs or other elements. 2,013,595; Sept. 3.
- Barnard, Earl W., Morris, assignor to Morris Paper Mills, Chicago, Ill. Ice cream can lifter. 1,987,355; Jan. 8.
- Barnard, Edward R. (See Eisinger, J. O., and Barnard.)
- Barnard, Kenneth H., West Newton, and H. F. Kane, assignors to Pacific Mills, Lawrence, Mass. Method and material for preventing the tarnishing of silverware. 2,003,333; June 4.
- Barnard, Randolph H., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Stenciling or decorating apparatus. 2,002,335; May 21.
- Barnard, William C., Good Thunder, Minn. Double set stage. 2,003,573; June 4.
- Baraby, Herbert A., Toledo, Ohio, assignor to Owens-Illinois Glass Company, Toledo, Ohio. Vacuumizing and sealing container. 2,013,548; Sept. 3.
- Baraby, Herbert A., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Container and closure therefor. 2,018,004; Oct. 22.
- Baraby, Herbert A., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Sealing means for empty containers. 2,018,005; Oct. 22.
- Baraby, Herbert A., Toledo, Ohio, assignor to The Closure Service Company. Metal closure. 2,018,006; Oct. 22.
- Baraby, Herbert A., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Apparatus for tightening caps on containers. 2,026,118; Dec. 31.
- Barnes, Allen L., Oak Park, assignor to Joseph H. Hinshaw, trustee, Wilmette, Ill. Camera and method of photography. 2,016,937; Oct. 8.
- Barnes, Allen L., Oak Park, assignor to J. H. Hinshaw, trustee, Wilmette, Ill. Monocular photographic apparatus. 2,022,454; Nov. 26.
- Barnes, Eugene L., Buffalo, N. Y. Refrigeration apparatus. 2,002,389; May 21.
- Barnes, Frederick A., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Measuring instrument. 1,999,029; Apr. 23.
- Barnes, Frederick J. T., Brisbane, Queensland, Australia. Device for use when drawing off liquids from containers. 2,009,645; July 30.
- Barnes, Frederick J. T., Brisbane, Queensland, Australia. Device for use when drawing off liquids from containers. 2,025,431; Dec. 24.
- Barnes, George W., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Feedback amplifier. 1,994,457; Mar. 19.
- Barnes, Gladeon M., U. S. Army, Hastings, Mich. Gun. 1,986,786; Jan. 8.
- Barnes, Gladeon M., U. S. Army, Hastings, Mich. Muzzle brake for guns. 1,994,458; Mar. 19.
- Barnes, Gladeon M., U. S. Army, Hastings, Mich. Wheel mounting. 2,011,564; Aug. 20.
- Barnes, Gladeon M., U. S. Army, Hastings, Mich. Suspension for vehicles. 2,011,565; Aug. 20.
- Barnes, Gladeon M., U. S. Army, Hastings, Mich. Vehicle. 2,019,482; Nov. 5.
- Barnes, Gladeon M., Hastings, Mich., and W. E. Preston, Aberdeen, Md. Vehicle. 2,024,199; Dec. 17.
- Barnes, Hope, executrix. (See Barnes, J. S., and Guirl.)
- Barnes, James H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake drum. 2,016,883; Oct. 8.
- Barnes, Jesse W. (See Naatz, W. F., Eckert, and Barnes.)
- Barnes, Joe L., assignor to L. R. MacKenzie Incorporated, Tulsa, Okla. Machine for making bituminous emulsions. 2,015,056; Sept. 24.
- Barnes, John A., Chappaqua, assignor to The Super-heater Company, New York, N. Y. Marine type superheater boiler. 2,007,267; July 9.
- Barnes, John S., deceased, and P. R. Guirl, Rockford, Ill., Hope Barnes, executrix of J. S. Barnes, deceased. Boring machine. 2,007,953; July 16.
- Barnes, John S., and P. R. Guirl, Rockford, assignors to W. F. & John Barnes Company, Rockford, Ill. Boring machine and the like. 2,020,868; Nov. 12.
- Barnes, John S., assignor to W. F. and John Barnes Company, Rockford, Ill. Automatic trip mechanism. 2,012,493; Aug. 27.
- Barnes, Leon E., Westfield, N. J. Sorting machine. 2,010,130; Aug. 6.
- Barnes, Leslie W., Newmarket, near Brisbane, Queensland, Australia. Lamp. 1,989,578; Jan. 29.
- Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 1,989,731; Feb. 5.
- Barnes, W. F. & John, Company. (See Barnes, J. S., and Guirl, assignors.)
- Barnes, W. F., and John Company. (See Barnes, John S., assignor.)
- Barnes, Wallace, Company. (See Cook, Raymond W., assignor.)
- Barnes, Walter I. (See Carpenter, L. B., and Barnes.)
- Barnes, Wilfred, Jr., Glenolden, Pa. Hose rack. 1,998,068; Apr. 16.
- Barnett, A. L., et al. (See Modlin, Lowell G., assignor.)
- Barnett & Truman. (See Reese, Heath C. and C. N., assignors.)
- Barnett, David T., Cincinnati, Ohio, and M. W. Doty, Indianapolis, Ind., assignors of one-third to C. E. Utter, Cincinnati, Ohio. Valve. 2,017,272; Oct. 15.
- Barnett, Ella. (See Rush, Ernest J., assignor.)

- Barnett, Harold M., Mayfield Heights, assignor to S. M. A. Corporation, Cleveland, Ohio. Recovering carotene. 1,988,031; Jan. 15.
- Barnett, Harold M., assignor to S. M. A. Corporation, Cleveland, Ohio. Amino acids. 1,990,769; Feb. 12.
- Barnett, Harold M., Garfield Heights, assignor to S. M. A. Corporation, Cleveland, Ohio. Manufacture of flavoring materials. 1,992,462; Feb. 26.
- Barnett, Harold M., Garfield Heights, assignor to S. M. A. Corporation, Cleveland, Ohio. Preparing leucine. 2,009,868; July 30.
- Barnett, Theodore C. (See Riley, R. H. J., and Barnett.)
- Barnett, William M., assignor to The A. I. Root Company, Medina, Ohio. Toy design or figure forming set. 2,023,300; Dec. 3.
- Barnette, Emma C. H., New York, N. Y. Clasp. 1,990,397; Feb. 5.
- Barney, Fred H., and W. J. Gourley, Fort Worth, Tex. 2,019,838; Nov. 5.
- Barney, Fred H. (See Gourley, W. J., and Barney.)
- Barney, Freeman. (See Lee, J. E., Gylleck, and Barney.)
- Barney, Harold L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Volume control system. 2,017,645; Oct. 15.
- Barney, Harold L., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Transmission control in signaling systems. 2,020,452; Nov. 12.
- Barney, William R., Fort Worth, Tex. Parallel rodline power transmitting connector. 1,991,072; Feb. 12.
- Barney, William R., Fort Worth, Tex., assignor to W. C. Norris, Tulsa, Okla. Power take-off. 1,993,236; Mar. 5.
- Barney, William R., Fort Worth, Tex., assignor to W. C. Norris, Tulsa, Okla. Rodline coupler. 2,023,721; Dec. 10.
- Barnhart, George. (See Calcott, W. S., Smith and Barnhart.)
- Barnhart, George E., Pasadena, Calif. Marking plated articles. 1,996,187; Apr. 2.
- Barnhart, George E., Pasadena, Calif. Airfoil control means. 2,005,965; June 25.
- Barnhart, Homer W., Akron, Ohio. Wheel guard structure. 2,017,227; Oct. 15.
- Barnhart, Job R., Lakewood, Ohio. Tube tester. 1,999,858; Apr. 30.
- Barnhart, Vern A., Jester Lake, Milton, N. J. Building block. 2,009,217; July 23.
- Barnhart, Vern A., Jester Lake, Milton, N. J. Building brick. 2,023,987; Dec. 10.
- Barnhill, George B., Oakland, Calif. Pest annihilator. 2,014,609; Sept. 17.
- Barnitt, Jesse B. (See Morrow, J. E., and Barnitt.)
- Barnhill, Thomas W. (See Lauer, Rudolph L., assignor.)
- Barnick, Herman A., Portland, Oreg. Dummy pneumatic punching bag. 1,995,495; Mar. 26.
- Barns, Frank E., Chicago, Ill. Rubber glove. 1,988,709; Jan. 22.
- Barnsby, Augustus L., New York, N. Y. Dust eliminator vacuum cleaner bag emptying device. 1,995,830; Mar. 26.
- Barnstorff, Carshen H., Cuyahoga Falls, Ohio. Automatic photograph printing machine. 2,016,811; Oct. 8.
- Barnwell, Albert E., Buffalo, N. Y. Windshield wiper. 2,011,029; Aug. 13.
- Barnwell Oil Products Company. (See Bergman, Donald J., assignor.)
- Barok, George D. (See Vogel, R. A., and Barok.)
- Baron, Charles S., Tiffin, Ohio. Covered container with sealing closure therefor. 2,013,855; Sept. 10.
- Baron, Charles S., Tiffin, Ohio. Container. 2,016,980; Oct. 8.
- Baron, Charles S., Tiffin, Ohio. Jar cover. 2,020,494; Nov. 12.
- Baron, Johannes, Mehlem-on-the-Rhine, Germany. Bicycle pedal. 2,024,499; Dec. 17.
- Baronet-Lorna Co. (See Bihler, Roger, assignor.)
- Baroni, Sante. (See Sbica, F., Yovanovich, and Baroni.)
- Barostat Company. (See Tigge, Alexander J., assignor.)
- Barozzi, Guido E., Woodcliff, N. J. Drying apparatus. 2,002,170; May 21.
- Barr, Clarence D., and S. D. Moxley, Birmingham, Ala., assignors to Sand Spun Patents Corporation, New York, N. Y. Charging weighing and controlling mechanism for casting machines. 2,015,776; Oct. 1.
- Barr, John H., assignor to Barr-Morse Corporation, Ithaca, N. Y. Typewriter. 1,988,232; Jan. 15.
- Barr, John M., Cleveland, Ohio. Graphic calculating device. 1,989,223; Jan. 29.
- Barr-Morse Corporation. (See Barr, John H., assignor.)
- Barr, Roy A. (See Myers, L. R., and Mayer, assignors.)
- Barr, Roy E., Childress, Tex. Dental instrument. 1,989,162; Jan. 29.
- Barr, Samuel M. (See Heubner, E. H., and Barr.)
- Barradas, Matthew G., San Leandro, Calif., assignor to The Best Foods, Inc., New York, N. Y. Hydrogenation of oils. 2,014,999; Sept. 17.
- Barreda, Julian C., and H. J. McLaughlin, New York, N. Y. Liquid dispensing and compounding device. 1,991,720; Feb. 19.
- Barreda, Julian C., and H. J. McLaughlin, New York, N. Y. Liquid dispenser. 1,998,215; Apr. 16.
- Barrel Fitting and Seal Corporation of America. (See Schwartz, Henry, assignor.)
- Barrell, William A., North Andover, Mass. Asbestos faced drier felt. 1,991,366; Feb. 19.
- Barrett, Arthur, Bellevue, Pa. Valve. 1,992,732; Feb. 26.
- Barrett, Arthur, Bellevue, Pa. Apparatus for softening water. 2,003,230; May 28.
- Barrett, Arthur M., assignor to Herbert Specialty Manufacturing Co., Chicago, Ill. Toy. 1,989,732; Feb. 5.
- Barrett, Arthur M., assignor to Barrett-Cravens Company, Chicago, Ill. Hydraulic lift truck. 1,993,202; Mar. 5.
- Barrett, Arthur M., Winnetka, assignor to Barrett-Cravens Company, Chicago, Ill. Platform. 1,993,237; Mar. 5.
- Barrett, Arthur M., and L. N. Udell, Chicago, Ill. Method of and apparatus for making ice. 2,006,623; July 2.
- Barrett, Arthur M., and E. H. Wolfe, assignor to The Barrett Bindery Company, Chicago, Ill. Game. 2,006,620; July 2.
- Barrett Bindery Company, The. (See Barrett A. M., and Wolfe, assignors.)
- Barrett Company, The. (See Bergeim, Frank H., assignor.)
- Barrett Company, The. (See Cowdery, Arthur B., assignor.)
- Barrett Company, The. (See Cowdery, A. B., and Buliant, assignors.)
- Barrett Company, The. (See Dickson, John V. E., assignor.)
- Barrett Company, The. (See Eckert, Clarence R., assignor.)
- Barrett Company, The. (See Emberg, George, assignor.)
- Barrett Company, The. (See Engel, Karl H., assignor.)
- Barrett Company, The. (See Fleckenstein, Frederick S., assignor.)
- Barrett Company, The. (See Hamlin, Marston L., assignor.)
- Barrett Company, The. (See Hartwig, Carl E., assignor.)
- Barrett Company, The. (See Harvey, Edward W., assignor.)
- Barrett Company, The. (See Meigs, Joseph V., assignor.)
- Barrett Company, The. (See Miller, Stuart E., assignor.)
- Barrett Company, The. (See Reeve, Charles S., assignor.)
- Barrett Company, The. (See Roberts, Robert G., assignor.)
- Barrett & Company. (See Schubert, Adolf, assignor.)
- Barrett Company, The. (See Wittenberg, Lester, assignor.)
- Barrett Company, The. (See Yeager, Frank W., assignor.)
- Barrett-Cravens Company. (See Barrett, Arthur M., assignor.)
- Barrett, Edward L., Chicago, Ill. Power transmission device. 1,993,988; Mar. 12.
- Barrett, Edward L., La Grange, assignor to Utah Radio Products Company, Chicago, Ill. Indicator. 1,993,989; Mar. 12.
- Barrett, Edward L., La Grange, assignor to Utah Radio Products Company, Chicago, Ill. System and means for transforming direct current. 2,009,425; July 30.
- Barrett, Edward R., assignor to Wood Hydraulic Hoist & Body Company, Detroit, Mich. Three way dumping body. 1,993,203; Mar. 5.
- Barrett, Edward R., assignor to Gar Wood Industries, Inc., Detroit, Mich. Manhole cover. 2,006,937; July 2.
- Barrett, George J., Houston, and S. Robichaux, Saratoga, Tex. Drilling apparatus. 2,020,599; Nov. 12.
- Barrett, Glenn J. (See Dunn, A. E., and Barrett.)
- Barrett, Glenn J., assignor to American Seating Company, Grand Rapids, Mich. Desk. 2,016,571; Oct. 8.
- Barrett, Harold G., Wilmette, assignor to General Automatic Corp., Chicago, Ill. Shaft for golf clubs and the like. 1,987,044; Jan. 8.
- Barrett, Harold J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative composition. 1,986,787; Jan. 8.
- Barrett, Harold J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Asphaltic coating composition and material coated therewith. 1,995,957; Mar. 26.
- Barrett, Harold J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of unsaturated aliphatic acid esters. 2,013,648; Sept. 10.
- Barrett, Henry H., Elgin, Ill. Arch support. 1,992,853; Feb. 26.
- Barrett, Joseph M., East Cleveland, Ohio. Portable ventilating fan. 2,011,791; Aug. 20.
- Barrett, Joseph M., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Boiler feed water regulating apparatus. 1,995,237; Mar. 19.
- Barrett, Karl E., Sherbrooke, Quebec, Canada, assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Health scale. 2,014,270; Sept. 10.
- Barrett, Leo E., assignor of one-half to R. J. Hannan, San Francisco, Calif. Tractor steering apparatus. 1,994,806; Mar. 19.
- Barrett, Urshel W., assignor of fifty per cent to F. O. Wahlstrom, Birmingham, Ala. Lighting system control. 2,021,677; Nov. 19.
- Barrett, William, Hinton, Iowa. Animal trap. 2,005,489; June 18.
- Barrett, William, International Falls, Minn. Weight regulator. 2,014,243; Sept. 10.
- Barrier, C. R., et al. (See Pearson, Arthur L., assignor.)
- Barringer, Elmer D., Cleveland, Ohio. Weather strip. 1,989,842; Feb. 5.
- Barringer, Elmer D., Cleveland, Ohio. Weather strip for swinging metal windows. 1,991,357; Feb. 19.
- Barringer, Elmer D., Cleveland, Ohio. Channel-type weather strip. 2,018,114; Oct. 22.
- Barringer, Elmer D., Cleveland, Ohio. Weather strip construction. 2,018,115; Oct. 22.

- Barringer, Lawrence E., Schenectady, N. Y., assignor to General Electric Company. Abradent sheet material and its manufacture. 1,998,303; Apr. 16.
- Barrington, William N., assignor to The American Cast Iron Pipe Company, Birmingham, Ala. Welding equipment and welding. 2,002,877; May 28.
- Barritt, Clay F., assignor of one-half to George Rushton Baking Company, Wichita, Kans. Cooling system for bread wrapping machines. 2,007,439; July 9.
- Barroll, Henry E., Winnetka, Ill., assignor to Sherwin-Williams Company, Cleveland, Ohio. Container. 1,997,291; Apr. 9.
- Barron, Abraham, Bronx, N. Y. Floor stand or similar article. 2,012,117; Aug. 20.
- Barron Gray Packing Company. (See Erickson, Arvid M., assignor.)
- Barrow, George M. (See Hunt, M. H., and Barrow.)
- Barrow, James T., New York, N. Y. Water heater. 2,001,515; May 14.
- Barrow, Jesse T. (See Culver, L. A. and Barrow.)
- Barrows, Charles S., Rochester, N. Y. Pane. 1,988,964; Jan. 22.
- Barrows, Donald S., Rochester, N. Y. Registration control for pipe organs. 2,006,291; June 25.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 1,988,426; Jan. 15.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Cushioning mechanism. 1,988,427; Jan. 15.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Striking casting. 1,989,647; Jan. 29.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Striking casting. 1,989,648; Jan. 29.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Coupler carrier and striking casting. 1,991,650; Feb. 19.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Coupler carrier. 1,993,712; Mar. 5.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 2,003,231; May 28.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 2,006,290; June 25.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 2,006,292; June 25.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Railway truck. 2,011,190; Aug. 13.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 2,013,429; Sept. 3.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Railway vehicle. 2,015,025; Sept. 17.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Railway truck. 2,015,026; Sept. 17.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 2,022,999; Dec. 3.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Cushioning mechanism. 2,023,000; Dec. 3.
- Barrows, H. F. Co., The. (See Davignon, Ovida S., assignor.)
- Barry-Wehmiller Machinery Company. (See Herold, J. L., and Dawson, assignors.)
- Barry, William J. (See Catterall, W. H., and Barry.)
- Bars, Jacques M., New York, N. Y., assignor to Warren Telechron Company. Clock case. Des. 94,868; Mar. 19.
- Barsch, Guillaume, Lucerne, assignor to the firm of Industrie A.-G. Allegro, Emmenbrucke-Lucerne, Switzerland. Sharpening or honing apparatus for razor blades. 1,997,508; Apr. 9.
- Barse, James H., Lakewood, Ohio. Control. 2,017,390; Oct. 15.
- Barties, Wilhelm, Berlin, assignor to A. Patin, Berlin-Wilmersdorf, Germany. Photo-electric tube. 2,015,133; Sept. 24.
- Barstow, Edwin O., S. B. Heath, and F. R. Minger, assignors to The Dow Chemical Company, Midland, Mich. Producing magnesium chloride from calcium chloride. 2,013,334; Sept. 3.
- Barsuk, Juri, Genoa, Italy. Device for automatically writing the music played on instruments provided with keyboard or in any case with fixed tuning. 2,024,200; Dec. 17.
- Bart, Blasius, East Orange, N. J. Forming high pressure tanks. 2,001,998; May 21.
- Bart, Blasius, East Orange, N. J. Electrolytically formed tank. 2,023,192; Dec. 3.
- Barta, Leo, New York, N. Y. Combined calendar and diary. 2,009,247; July 23.
- Barta Press, The. (See Bean, Earle H., assignor.)
- Bartelme, Ferdinand M., Glencoe, Ill. Transmission mechanism for motor vehicles. 2,010,288; Aug. 6.
- Bartels, Elmer L., Independence, assignor to G. C. Blumstengel, Kansas City, Mo. Hammer mill. 2,012,416; Aug. 27.
- Bartels, Gustav P., New Orleans, La. Cooking utensil. 1,994,268; Mar. 12.
- Bartenfeld, Wilford G., Lorain, Ohio. Connecting structural members. 1,992,597; Feb. 26.
- Barth, Elmer W. (See Rash, Frank J., assignor.)
- Barth, Karl, and K. Schuler, Munich, and J. Wanger, Auing, Germany. Apparatus for aerating beer wort. 2,001,564; May 14.
- Barthe, Walter J., New Orleans, La. Time delay fuse. 2,012,215; Aug. 20.
- Barthel, Hans, Cologne-Dellbrück, Germany, assignor, by mesne assignments, to Carrier Engineering Corporation, New York, N. Y. Humidification process and apparatus employing electrical attractive forces. 2,001,700; May 21.
- Barthel, Oliver E., and J. J. Power, assignors of one-third to said Barthel, one-third to said Power, and one-third to H. B. Loveland, Detroit, Mich. Oil burner. 2,011,606; Aug. 20.
- Barthelemy, Henri L. (See Mitchell, W. M., and Barthelemy.)
- Barthelemy, Henri L., Rome, Ga., assignor to Ruth-Aldo Company, Inc., New York, N. Y. Manufacturing cellulose acetate. 1,995,732; Mar. 26.
- Barthelemy, Henri L., and E. E. Huffman, and W. B. Sellers, Rome, Ga., assignors to Tubize Chatillon Corporation, New York, N. Y. Preparation of cellulose nitroacetates. 2,007,789; July 9.
- Barthelemy, Paul P., St. Paul, Minn. Key retainer. 1,999,352; Apr. 30.
- Barthelemy, René, Fontenay-aux-Roses, France, assignor to Compagnie pour la Fabrication des Compteurs et Material d'Usines a Gaz, Montrouge, France. Synchronous device. 2,023,505; Dec. 10.
- Bartholomäus, Rudolf, Berlin, Germany. Tool for drilling polygonal holes. 1,992,346; Feb. 26.
- Barthold, Willis L., York, Pa. Rug and carpet cleaning machine. 2,021,139; Nov. 19.
- Bartholomew, Harry G., and J. W. Dalton, London, England. Phototelegraphy. 2,021,474; Nov. 19.
- Bartholomew, Robert J., Germantown, assignor to Fletcher Works, Incorporated, Philadelphia, Pa. Spindle swing. 1,993,584; Mar. 5.
- Bartholomew, Robert J., Germantown, assignor to Fletcher Works, Incorporated, Philadelphia, Pa. Shuttle motion. 2,016,476; Oct. 8.
- Bartlebaugh, Benjamin C., Wheeling, W. Va. Air filter for gas heaters. 2,016,701; Oct. 8.
- Bartlett, C. O., & Snow Company, The. (See First, Mahlon E., assignor.)
- Bartlett, C. O., & Snow Company. (See McKinnon, H. L., and First, assignors.)
- Bartlett, C. O., & Snow Company, The. (See Osborn, Irwin S., assignor.)
- Bartlett, F. A., Tree Expert Company, The. (See Bartlett, Francis A., assignor.)
- Bartlett, Floyd H., assignor to C. A. Reed Company, Williamsport, Pa. Cup favor. 2,025,930; Dec. 31.
- Bartlett, Francis A., assignor to The F. A. Bartlett Tree Expert Company, Stamford, Conn. Fertilizing tool. 1,997,097; Apr. 9.
- Bartlett, Frank S., Cambridge, Mass. Net. 2,008,123; July 16.
- Bartlett, Harold W., San Jose, assignor to Rosenberg Bros. & Co., San Francisco, Calif. Nut branding machine. 1,992,347; Feb. 26.
- Bartlett, Harold W., San Jose, assignor to Rosenberg Bros. & Co., San Francisco, Calif. Nut handling machine. 2,023,660; Dec. 10.
- Bartlett Hayward Company, The. (See Morton, Allen W., assignor.)
- Bartlett Hayward Company, The. (See Wagner, Frederick H., assignor.)
- Bartlett Hayward Company, Baltimore, Md. Packing ring. 2,006,902; July 2.
- Bartlett, John N., Cleveland, Ohio. Amusement ride. 2,005,838; June 25.
- Bartlett, Louis A., Pittsburgh, Pa. Shock absorber for motor vehicles. 2,005,838; June 25.
- Bartlett, Perry G., and H. C. Kremers, assignors to Röhm & Haas Company, Philadelphia, Pa. Acid resisting vitreous enamel. 1,990,812; Feb. 12.
- Bartlett, Ralph G., Lake Alfred, Fla. Truck. 2,024,267; Dec. 17.
- Bartley, Charles B., Pittsburgh, Pa. Electric signal and control device. 2,003,706; June 4.
- Bartling, Friedrich, deceased, Huglfing, J. Bartling, executrix, assignor to Alterum Kredit-Aktien-Gesellschaft, Berlin, Germany. Production of alkaline hydrates from alkaline bicarbonate or carbonate. 1,989,579; Jan. 29.
- Bartling, Friedrich, deceased, Huglfing, and H. Fricke, Munich, J. Bartling, Huglfing, executrix, assignors to Alterum Kredit-Aktien-Gesellschaft, Berlin, Germany. Preparing potassium carbonate or potassium hydroxide. 2,002,684; May 28.
- Bartling, Jenny, executrix. (See Bartling, Friedrich.)
- Bartling, Jenny, executrix. (See Bartling, F. and Fricke.)
- Barto, Isaac S. (See Dittmar, W. W., and Barto.)
- Bartoe, Willard F. (See Streiffert, J. G., and Bartoe.)
- Bartol, Louis W., New York, N. Y. Cable pull recording device. 1,987,815; Jan. 15.
- Barton, Chauncey C. (See Hall, G. W., and Barton.)
- Barton, Clarence H., Indianapolis, Ind., assignors, by mesne assignments, to W. C. Starkey, R. S. Pruitt, and W. H. Beal, trustees. Transmission. 2,021,165; Nov. 19.

- Barton, Clarence H., Indianapolis, Ind., assignor, by mesne assignments, to W. C. Starkey, R. S. Pruitt, and W. H. Beal, trustees. Freewheeling mechanism for automobiles. 2,022,071; Nov. 26.
- Barton, Joseph W., Wheaton, assignor to O'Cedar Corporation, Chicago, Ill. Mop. 2,010,291; Aug. 6.
- Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Inter-carrier noise suppressor circuit. 2,010,252; Aug. 6.
- Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America, New York, N. Y. Amplifier. 2,010,253; Aug. 6.
- Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Automatic volume control arrangement. 2,019,243; Oct. 29.
- Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Class "B" audio amplifier. 2,023,506; Dec. 10.
- Barton, Raymond L., San Diego, Calif. Electric fishing lure. 2,002,135; May 21.
- Barton, Theophilus F., Upper Montclair, N. J., assignor to General Electric Company. Combined rectifier and transformer cooling system. 2,019,334; Oct. 29.
- Barton, William W., and S. Cordin, Hatch, N. Mex. Cultivator attachment. 2,010,745; Aug. 6.
- Bartow Beacons, Inc. (See Bartow, John B., assignor.)
- Bartow, Edward, and R. L. Albrook, Iowa City, Iowa, assignors to A. E. Staley Manufacturing Company, Decatur, Ill. Producing glutamic acid compounds. 1,992,804; Feb. 26.
- Bartow, John B., Blue Bell, Pa., assignor to Bartow Beacons, Inc. Beacon. 2,017,052; Oct. 15.
- Bartram, Thomas W., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Liquid fuel composition. 2,006,756; July 2.
- Bartsch, Alfred, Markkleeberg, Germany. Cleaning machine. 2,015,583; Sept. 24.
- Bartsch, Herbert E., assignor to Universal Draft Gear Attachment Co., Chicago, Ill. Brake operating mechanism. 1,986,315; Jan. 1.
- Bartsch, Herbert E., assignor to Universal Draft Gear Attachment Co., Chicago, Ill. Follower block for draft gears. 2,003,989; June 4.
- Bartuska, Emil E. (See Bartuska, Frank J. and E. E.)
- Bartuska, Frank J. and E. E., Riverside, Ill. Noncondensing panel for glazing. 1,989,305; Jan. 29.
- Bartz, Fred H., Valparaiso, Ind. Brake operating mechanism. 1,987,728; Jan. 15.
- Baruch, Sydney N., assignor to H. Curab Inc., New York, N. Y. Garment supporter. 2,019,469; Oct. 29.
- Barwood, Leon J., Cambridge, Mass. Lobster-claw lock. 1,997,711; Apr. 16.
- Barwood, Leon J., Cambridge, Mass. Film cut-out. 2,014,409; Sept. 17.
- Bary, Victor A., Hendon, London, England. Lubrication of axle bearings. 2,014,159; Sept. 10.
- Bary, Victor A., London, England. Lubricated bearing. 2,014,160; Sept. 10.
- Bary, Victor A., London, England. Packing for rotary shafts. 2,017,615; Oct. 15.
- Bary, Woldemar A., Stratford, Conn., and Nina Skidelsky, assignors to Chagnette, Inc., New York, N. Y. Decorative device. 2,013,485; Sept. 3.
- Barycz, Frank V., Los Angeles, Calif. Valve for flowing wells. 2,023,632; Dec. 10.
- Barz, Fritz, A. Landolt, W. Geigy, H. Kaegi, and C. Graenacher, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Dyeing of textiles. 2,004,476; June 11.
- Barzen, Richard G., Kansas City, Mo. Pump construction. 1,998,266; Apr. 16.
- Barzyk, Richard, East St. Louis, Ill. Valve. 1,996,398; Apr. 2.
- Basch, William J., Brooklyn, N. Y. Window screen. 2,000,554; May 7.
- Bascom, Harry M., Brooklyn, and O. A. Friend and M. B. McDavitt, New York, N. Y., assignors to American Telephone and Telegraph Company. Transmission system. 2,025,145; Dec. 24.
- Bascom, Rollin S. (See Bruce, C. F., and Bascom.)
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 1,998,975; Apr. 23.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Clasp brake for railway car trucks. 1,998,976; Apr. 23.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake rigging. 2,002,930; May 28.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake beam fulcrum. 2,005,927; June 25.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake head. 2,010,531; Aug. 6.
- Bash, John J., Greenfield, Ind., assignor to The Burch Corporation, Crestline, Ohio. Shoulder grading machine. 1,987,729; Jan. 15.
- Bashara, Samuel F., Houston, Tex. Key holder. 2,006,707; July 2.
- Bashioum, Jacob C., assignor to Uniflow Manufacturing Company, Erie, Pa. Water softener. 1,990,722; Feb. 12.
- Bashlin, William M., assignor, by mesne assignments, to A. J. Schell, administrator of the estate of W. M. Bashlin, Grove City, Pa. Climbing hook. 2,016,249; Oct. 1.
- Bashuk, Abraham. (See Balletta, Joseph, assignor.)
- Basil, Joseph, and L. Rosetti, Detroit, Mich. Safety device for power presses. 1,995,763; Mar. 26.
- Baskin, Charles M., Montreal, Quebec, Canada, assignor to Standard Oil Development Company. Cold mix and cold laid bituminous paving mixture. 1,999,178; Apr. 30.
- Baskin, Charles M., Montreal, Quebec, Canada, assignor to Standard Oil Development Company. Asphalt to duplicate rapid setting coal tars. 2,025,709; Dec. 31.
- Baslaw, Benjamin et al. (See England, Leonard H., assignor.)
- Basore, Cleburne A., and D. T. Jones, Auburn, assignors to The Chemical Research and Development Company, Birmingham, Ala. Fluxing and bonding composition for use in welding or brazing. 2,016,585; Oct. 8.
- Basquin, Olin H. (See Meyercoed, G. R., Basquin and Norris.)
- Bass, Flossie J. (See Siegrist, Charles C., assignor.)
- Bass, Henry L., Hopkinsville, Ky. Hoghead. 1,995,287; Mar. 26.
- Bass, J. V., et al. (See Beckler, Oakley K., assignor.)
- Bass, John R., Danville, Va. Method and apparatus for stringing tobacco. 1,987,844; Jan. 15.
- Bass, Rubin, Brooklyn, assignor to American Plush & Velvet Pressboard Co., Inc., New York, N. Y. Electrically operated vacuum cleaner. 1,995,630; Mar. 26.
- Bass, Shailer L., assignor to The Dow Chemical Company, Midland, Mich. Halogen derivatives of aliphatic acids. 2,010,685; Aug. 6.
- Bass, Shailer L., and W. L. Burlew, assignors to The Dow Chemical Company, Midland, Mich. Chlorination of propionic acid. 1,993,713; Mar. 5.
- Basse, Charles. (See Bidwell, Edgar, Assignor.)
- Basseches, Jacob T. (See Jaffin, G. M., and Basseches.)
- Basseches, Jacob T. (See Levin, Michael, assignor.)
- Rassett, Bert L. (See Bassett, Willard E., and B. L.)
- Bassett, Frank A., Holyoke, Mass. Reel fitting. 2,020,869; Nov. 12.
- Bassett, Hannah G., Oklahoma City, Okla. Composition of matter for and method of treating iron and steel. 2,016,477; Oct. 8.
- Bassett, Harry P., Philadelphia, Pa. Catalytic production of sulphur trioxide. 2,016,222; Oct. 1.
- Bassett, Harry P., Cynthia, Ky. Removing solvents from plastic colloids. 2,017,177; Oct. 15.
- Bassett, Lloyd L., Los Angeles, Calif. Handle for cans. 2,006,293; June 25.
- Bassett, Noble M., and J. B. Lovell, Newman, Calif. Mowing machine attachment. 2,024,500; Dec. 17.
- Bassett, Preston R., Rockville Centre and F. R. House, Baldwin Harbor, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Searchlight director. 2,003,661; June 4.
- Bassett, Willard E., and B. L., Detroit, Mich. Feed regulator. 2,010,621; Aug. 6.
- Bassett, William H., Jr., Scarsdale, assignor to Anaconda Wire & Cable Company, New York, N. Y. Hollow conductor. 2,004,972; June 18.
- Basstick Company, The. (See Claud-Mantle, Arthur, assignor.)
- Basstick Company. (See Herold, Walter F., assignor.)
- Basstick Company, The. (See Moore, Raymond G., assignor.)
- Basstick, Edgar W. (See Madlé, Alain, assignor.)
- Bassler, Kurt, Berlin, Germany, assignor to General Electric Company. Elastic fluid turbine. 2,004,777; June 11.
- Basso, Giovanni, assignor of one-fourth to E. Boschian, English, one-fourth to J. B. Boschian, Ethel, and one-fourth to G. P. Peraldo, Welch, W. Va. Power transmission mechanism. 2,025,968; Dec. 31.
- Basson, Joseph D., Brooklyn, N. Y. Film guiding mechanism. 2,002,074; May 21.
- Basson, Joseph D., New York, N. Y. Projecting machine and the optical system therefor. 2,002,498; May 28.
- Bast, Frank J., Queens Village, assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Control mechanism for intermittent gas refrigerators. 1,988,774; Jan. 22.
- Bast, Frank J., Queens Village, assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Balanced control mechanism. 1,988,775; Jan. 22.
- Basten, Frederick, Barnes, London, and E. Hurden, Harefield, England, assignors to D. Anderson & Son, Limited, Manchester, England. Roof of buildings. 2,019,647; Nov. 5.
- Bastian-Blessing Company. (See Buttner, William C., assignor.)
- Bastian-Blessing Company, The. (See Thomas, Roy, assignor.)
- Bastion, John A. (See Cargill, E. L., and Bastion.)
- Batchelder, Edward H., Jr., Chicago, Ill. Refrigerator car. 2,012,527; Aug. 27.
- Batchell, George W., Toledo, Ohio. Leer. 2,019,839; Nov. 5.
- Batchell, George W., Toledo, Ohio. Port structure for furnaces. 2,020,760; Nov. 12.
- Batcheller, Clements, Portsmouth, N. H. Cold molding and rolling fiber plastic. 1,995,412; Mar. 26.
- Batchelor, John C. (See Zworykin, V. K., and Batchelor.)
- Bateholts, Clinton, assignor to Specialty Insulation Manufacturing Company, Inc., Hoosick Falls, N. Y. Weather-proof socket. 2,003,622; June 4.
- Batella, Michael J., Portland, Ore. Plastic composition. 2,025,369; Dec. 24.
- Bateman, Floyd E., Loomis, Calif. Broom and staff holder. 2,020,274; Nov. 5.
- Bateman, William H. (See Leach, R. W. and Bateman.)

- Bates, Albert H., assignor to Burd High Compression Ring Company, Rockford, Ill. Heater for automobiles. 1,990,364; Feb. 5.
- Bates, Albert H., assignor to Burd Piston Ring Company, Rockford, Ill. Cylinder gauge. 2,019,287; Oct. 29.
- Bates, Arthur, assignor to Evans Case Company, North Attleboro, Mass. Powder sifter. 1,988,410; Jan. 15.
- Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe-making. 1,993,954; Mar. 12.
- Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,996,399; Apr. 2.
- Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping shoe uppers. 2,000,912; May 14.
- Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,012,297; Aug. 27.
- Bates, Arthur, and F. C. Choice, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 2,002,136; May 21.
- Bates, Arthur, and J. H. Brown, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Welt coating machine. 2,015,134; Sept. 24.
- Bates, Clifford V., Chicago, Ill. Opening and closing circuits. 2,012,153; Aug. 20.
- Bates, Frank C., Trenton, N. J. Wash basin and bracket therefor. 2,012,154; Aug. 20.
- Bates, Fred G., Highland Park, Mich. Hinge. 2,001,356; May 14.
- Bates, Harry, assignor to Bates Laboratories, Inc., New York, N. Y. Typewriter. 1,986,244; Jan. 1.
- Bates, Harry, assignor to Bates Laboratories, Inc., New York, N. Y. Typewriter. 1,997,206; Apr. 9.
- Bates, Harry C., assignor to Corning Glass Works, Corning, N. Y. Ceramic stack. 2,009,378; July 30.
- Bates, Harry, assignor to Bates Laboratories, Inc., New York, N. Y. Typewriter. 2,018,482; Oct. 22.
- Bates, Harry, assignor to Bates Laboratories, Inc., New York, N. Y. Writing machine. 2,024,622; Dec. 17.
- Bates, Joseph D., Jr., Springfield, Mass. Cutter. 1,997,992; Apr. 16.
- Bates, Joseph D., West Springfield, Mass. Mop. 2,014,488; Sept. 17.
- Bates Laboratories, Inc. (See Bates, Harry, assignor.)
- Bates Laboratories, Inc. (See Oswald, Alfred E., assignor.)
- Bates, Lloyd G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for feeding molten glass. 1,999,749; Apr. 30.
- Bates, Lloyd G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Manufacturing bottles and similar articles of hollow glassware. 2,012,583; Aug. 27.
- Bates, Mortimer F. (See Narvesen, F. C., and Bates.)
- Bates, Mortimer F. (See Sperry, E. A., Jr., Carlson and Bates.)
- Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Follow-up system for magnetic compasses. 2,003,270; May 28.
- Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Directional gyroscope. 2,015,650; Oct. 1.
- Bates, Ralph E., West Medford, assignor to Submarine Signal Company, Boston, Mass. Electric switch. 1,989,076; Jan. 29.
- Bates, Ralph I., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Valve for shock absorbers. 1,991,043; Feb. 12.
- Bates, Robert A., Roseville, Calif. Package tie. 1,991,917; Feb. 19.
- Bates, Thomas F., Shelbyville, Tenn. Sterilizing and operating instrument tray. 2,018,651; Oct. 29.
- Bates, Weir S., Mechanicsburg, Pa. Coin controlled liquid dispensing apparatus. 2,020,761; Nov. 12.
- Bates, William J., Excelsior Springs, Mo. Paintbrush holder. 2,020,394; Nov. 12.
- Bath, Cyril J., Cleveland Heights, Ohio. Ram connection for brakes. 1,997,672; Apr. 16.
- Bath, Cyril J., Shaker Heights, Ohio. Bulldozer. 2,002,563; May 28.
- Bath, Cyril J., Cleveland Heights, assignor to The Steelweld Machinery Co., Cleveland, Ohio. Bulldozer. 2,024,754; Dec. 17.
- Bath, John & Company. (See Ackley, Ervin L., assignor.)
- Bath, John, & Company. (See Bath, John and S. W., assignors.)
- Bath, John, & Company. (See Bath, S. W., and Walker, assignors.)
- Bath, John and S. W., Shrewsbury, assignors to John Bath & Company, Worcester, Mass. Duplex grinding machine. 2,021,535; Nov. 19.
- Bath, John, and S. W., Shrewsbury, assignors to John Bath & Company, Worcester, Mass. Auxiliary spindle for grinding wheels. 2,021,536; Nov. 19.
- Bath, Stanley W. (See Bath, John and S. W.)
- Bath, Stanley W., Shrewsbury, and E. A. Walker, assignors to John Bath & Company, Worcester, Mass. Lead screw correcting device. 2,021,537; Nov. 19.
- Batie, Joseph E., assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Machine for polishing wire stock. 1,991,485; Feb. 19.
- Batie, Joseph E., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Brake drum construction. 2,003,063; May 28.
- Batie, Joseph E., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Forming an annulus and apparatus therefor. 2,005,215; June 18.
- Batie, Joseph E., assignor, by mesne assignments, to Kelsey-Hayes Wheel Company, Detroit, Mich. Vehicle wheel brake. 2,024,328; Dec. 17.
- Batky, Frank, assignor to C. Berg, H. Berg, H. Frankel, M. J. Frankel and J. C. Frankel, co-partners doing business as The Franco Corset Company, New York, N. Y. Corset, girdle and like garment. 2,008,652; July 16.
- Batsel, Max C., Yonkers, N. Y., assignor to Radio Corporation of America. Sound reproducing apparatus. 2,005,068; June 18.
- Batson, Hatton N. (See Bryant, John R., assignor.)
- Battaline, John, Hartford, Conn. Chuck for lathes or the like. 1,986,494; Jan. 1.
- Battegay, Constant, assignor to Societe Anonyme des Ateliers Brillie Freres, Leccallois-Perret (Seine), France. Talking clock. 1,998,435; Apr. 23.
- Battegay, Martin, Mulhouse, France, assignor to Calco Chemical Company, Bound Brook, N. J. Preparation of sulphocyanate complex of para-phenylenediamine, and similar amines. 1,988,826; Jan. 22.
- Battelle Memorial Institute, The. (See Gillett, Horace W., assignor.)
- Battelle Memorial Institute. (See Smith, Cyril S., assignor.)
- Battelle Memorial Institute, The. (See Williams, C. E., and Sullivan, assignors.)
- Batterman, Benjamin, assignor to Diana Shoe Corporation, Brooklyn, N. Y. Shoe. 1,987,279; Jan. 8.
- Batterman, Elmer F. (See Verderber, J., and Batterman.)
- Batterman, John J., assignor to Gabriel Pneumatic Vulcanizer, Incorporated, Cleveland, Ohio. Vulcanizer for repair of inner tubes. 2,000,461; May 7.
- Battery Patents Corporation. (See Lewis, George S., assignor.)
- Bathey, Alexander J. (See Rabezzana, H., and Batthey.)
- Battey, Edith C., New York, N. Y. Facial tissue support. 2,001,862; May 21.
- Battison, William J., Canton, N. C. Paper threading device for drum winders. 1,992,114; Feb. 19.
- Battle, Henry W., Jr., Louisville, Ky. Lacquer enamel. 2,004,514; June 11.
- Battle, John R., Ardmore, Pa., assignor to Gun-Fil Corporation. Lubricator. 1,988,152; Jan. 15.
- Battles, Stewart S. (See Ingersoll, R. C., and Battles.)
- Battles, Stewart S., assignor to Ingersoll Steel and Disc Co., Chicago, Ill. Evaporator. 1,995,167; Mar. 19.
- Batz, George C., Topeka, Kans. Locomotive spring assembly. 2,021,643; Nov. 19.
- Baublits, Scott M. (See Shipley, William S., assignor.)
- Bauch, William H., Shelbyville, assignor to P. W. Cornelius, Indianapolis, Ind., doing business under the name and style of Cornelius Engineering Company. Tensioning device. 1,986,180; Jan. 1.
- Bauch, William H., Shelbyville, assignor to P. W. Cornelius, Indianapolis, Ind., doing business under name and style of Cornelius Engineering Company. Projector film gate. 2,014,099; Sept. 10.
- Baucom, Charles C., Monroe, N. C. Clover seed sower. 2,019,385; Oct. 29.
- Baudis, Adolph, New York, N. Y. Razor blade for safety razor devices. 2,019,475; Nov. 5.
- Baudry, René. (See Stone, M., and Baudry.)
- Bauer, August, Brooklyn, N. Y. Wing construction. 1,991,651; Feb. 19.
- Bauer, Eddie, Seattle, Wash. Shuttle cock. 2,025,325; Dec. 24.
- Bauer, Emory L., Wilmington, Del. Oil burner. 2,014,714; Sept. 17.
- Bauer, Fred, Redlands, Calif. Cement plaster. 2,000,371; May 7.
- Bauer, Fritz, Stuttgart, Germany. Building element. 1,991,837; Feb. 19.
- Bauer, George V., Cheshire, Mass. Baking roll pan. 2,009,602; July 30.
- Bauer, Gustav, Hamburg, and C. Schmieske, Bremen, Germany. Power transmission mechanism. 1,987,985; Jan. 15.
- Bauer, Gustav, Hamburg, and W. Brose, Bremen, Germany. Device for controlling liquid couplings. 2,024,842; Dec. 17.
- Bauer, Harry, Lakewood, Ohio. Structural connecting member. 2,016,702; Oct. 8.
- Bauer, John A., Mansfield, Ohio. Brake operating means for trailers. 2,021,538; Nov. 19.
- Bauer, John L. F., Fisher, and A. L. Kiel, and O. A. Holesvig, Crookston, Minn. Beet gathering and bunching machine. 2,009,248; July 23.
- Bauer, Joseph N. (See Durfey, C. H., Naylor, Bauer, and Stevens.)
- Bauer, Louis W., and G. A. De Shazer, Washington, D. C. Strain gauge. 1,999,075; Apr. 23.
- Bauer, Oliver F., and W. R. Carpenter, Rochester, N. Y., assignors to Gleason Works, Rochester, N. Y. Machine for producing gears. 2,000,209; May 7.
- Bauer, Paul S., Cambridge, assignor to North Shore News Co., Lynn, Mass. Apparatus for measuring optical densities. 1,997,712; Apr. 16.

- Bauer, Perry S., Chicago, Ill. Front wheel indicator. 2,015,835; Oct. 1.
- Bauer, Rudolf. (See Gensel, H., and Bauer.)
- Bauer, Rudolf. (See Rodrian, H., Bauer, and Doser.)
- Bauer, Siegmund, Munich, Germany. Switch clutch. 1,996,849; Apr. 9.
- Bauer, Walter, Darmstadt, Germany, assignor to Röhm & Haas Company, Philadelphia, Pa. Manufacture of artificial products. 2,021,763; Nov. 19.
- Bauer, Wilhelm. (See Nawiasky, P., Bauer, and Krauch.)
- Bauer, Wilhelm. (See Zeh, L., Bauer, and Bollweg.)
- Bauer, Wilhelm, Leverkusen-Wiesdorf, and E. Kramer, Cologne-Deutz, Germany, assignors, by mesne assignments, to Durand & Huguenin A.-G., Basel, Switzerland. Acid sulphuric acid esters of leuco derivatives of vat dyestuffs. 2,014,489; Sept. 17.
- Bauer, William J., assignor to Robert Lederfeld, New York, N. Y. Powder dispensing box. 1,999,227; Apr. 30.
- Bauer, William J., assignor to Robert Lederfeld, New York, N. Y. Powder container. 1,999,228; Apr. 30.
- Bauerle, Frank E. (See Denke, E. W., and Bauerle.)
- Bauersfeld, Walther, assignor to firm Carl Zeiss, Jena, Germany. Illuminating device for microscopes. 1,995,599; Mar. 26.
- Bauersfeld, Walther, assignor to firm Carl Zeiss, Jena, Germany. Microscope stage. 1,998,216; Apr. 16.
- Bauersfeld, Walther, assignor to the firm Carl Zeiss, Jena, Germany. Microscope stand. 2,000,737; May 7.
- Bauersfeld, Walther, assignor to the firm Carl Zeiss, Jena, Germany. Substage for microscopic condensers and the like. 2,014,161; Sept. 10.
- Bauersfeld, Walther, assignor to the firm Carl Zeiss, Jena, Germany. Pillar bracket for monobjective microscopes. 2,014,874; Sept. 17.
- Bauersfeld, Walther, and M. Hübschmann, assignors to the firm Carl Zeiss, Jena, Germany. Device for connecting an illumination apparatus to a microscope. 1,991,997; Feb. 19.
- Baughman, Bruce W., Osborn, Ohio. Valve spring compressor and lock. 2,015,061; Sept. 24.
- Baughman, George W., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,989,444; Jan. 29.
- Baughman, George W., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Ground detecting apparatus. 2,010,840; Aug. 13.
- Baughman, George W., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,011,237; Aug. 13.
- Baughman, George W., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electric brake device. 2,006,785; July 2.
- Baughman, George W., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake controlling device. 2,012,737; Aug. 27.
- Baughman, George W., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake controlling device. 2,012,738; Aug. 27.
- Baughman, George W., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed controlled brake. 2,014,875; Sept. 17.
- Baughman, George W., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Combined electric and friction brake. 2,012,748; Aug. 27.
- Baughman, George W., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electric brake control. 2,017,666; Oct. 15.
- Baum, Frank G., San Francisco, Calif., E. F. Born, executrix of F. G. Baum, deceased, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High tension electrical device. 1,991,879; Feb. 19.
- Baum, Isaac A., assignor to Kalman Steel Company, Chicago, Ill. Corner bead fastener. 1,989,504; Jan. 29.
- Baum, Kenneth M. (See Ralston, O. C., and Baum.)
- Baum, Wilbrant S., Kansas City, Mo. Telephone dial illuminator. 2,016,310; Oct. 8.
- Bauman, Irwin W. (See Bauman, John W., S. W., and I. W.)
- Bauman, John W. and S. W., Sassamansville, Pa., and I. W. Bauman, Bluffton, Ohio. Pipe wrench. 1,999,076; Apr. 23.
- Bauman, Joseph. (See Williams, J. J., and Bauman.)
- Bauman, Stanley W., et al. (See Bauman, John W., S. W., and I. W.)
- Baumann, Edward G., Aspinwall, Pa. Protection fence for railroads. 2,009,009; July 23.
- Baumann, Fred, Glen Rock, N. J., assignor to Alexander Chemical Company, Eliminating marks formed in the roller printing of textile fabrics by the accidental spreading of discharge agent beyond the engraved areas of the printing roller. 2,017,053; Oct. 15.
- Baumann, Fritz. (See Stein, B., and Baumann.)
- Baumann, Fritz, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Preparing 1,4-diaminoanthraquinone-2,3,6-trisulphonic acids. 2,008,056; July 16.
- Baumann, Fritz, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Aroclamo anthraquinone acridone derivative. 2,017,936; Oct. 22.
- Baumann, Fritz, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Amino-halogenanthraquinone sulphonic acids. 2,025,370; Dec. 24.
- Baumann, Henry N., Jr. (See Benner, R. C., and Baumann.)
- Baumann, Henry N., Jr., and C. McMullen, assignors to The Carborundum Company, Niagara Falls, N. Y. Refractory product. 2,019,208; Oct. 29.
- Baumann, Johannes, Heidenheim-on-the-Brenz, Württemberg, assignor to J. M. Voith, Heidenheim-on-the-Brenz, Germany. Hydraulic machine. 2,006,338; July 2.
- Baumann, Johannes, assignor to J. M. Voith, Heidenheim-on-the-Brenz, Germany. Hydraulic machine. 2,006,339; July 2.
- Baumann, Johannes, assignor to J. M. Voith, Heidenheim-on-the-Brenz, Germany. Hydraulic machine. 2,006,340; July 2.
- Baumann, Johannes, Heidenheim-on-the-Brenz, Württemberg, assignor to J. M. Voith, Heidenheim-on-the-Brenz, Germany. Hydraulic machine. 2,015,332; Sept. 24.
- Baumann, Karl, Wilmslow, assignor to Associated Electrical Industries Limited, London, England. Coiled tube steam boiler. 2,012,216; Aug. 20.
- Baumann, Karl, Urnston, and A. Stubbs, Manchester, England, assignors to General Electric Company. Mercury vapor generating plant. 1,993,585; Mar. 5.
- Baumann, Paul. (See Eisenhut, O., Schilling, and Baumann.)
- Baumann, Paul, H. Bueckert, Ludwigshafen-on-the-Rhine, W. Sandbass, Mannheim, and H. Schilling, Ludwigshafen-on-the-Rhine, Germany. Purification of acetylene. 1,988,032; Jan. 15.
- Baumann, Paul, and H. Schilling, Ludwigshafen-on-the-Rhine, and R. Stadler, Ziegelhausen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of acetylene. 1,992,598; Feb. 26.
- Baumann, Paul, Ludwigshafen-on-the-Rhine, and R. Stadler, Ziegelhausen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of acetylene. 2,013,996; Sept. 10.
- Baumann, Paul, Ludwigshafen-on-the-Rhine, R. Stadler, Ziegelhausen, and E. Willig, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Chlorinated organic compounds containing substantial amounts of acetylene tetrachloride. 2,016,572; Oct. 8.
- Baumeister, Heinrich, Berlin-Pankow, assignor to General Electric Company. Control of alternating current motors. 2,008,638; July 16.
- Baumen, Fred, et al. (See Looft, Otto, assignor.)
- Baumert, Karl. (See Bitter, J. L., and Baumert.)
- Baumfalk, John, Jersey City, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,014,221; Sept. 10.
- Baumflek, Herbert D., and W. J. Peck, assignors to The Noble Co., Peoria, Ill. Elevator dispatcher. 1,986,783; Jan. 8.
- Baumgardner, Harry E., Yeadon, Pa. Sliding extensible and contractible window screen. 1,997,445; Apr. 9.
- Baumgarten, Jacob, Brooklyn, assignor of fifty per cent to Salter & Weinsier, Inc., New York, N. Y. Tool. 2,015,613; Sept. 24.
- Baumgarten, Julius J. E., Portland, Oreg. Dental flask. 1,990,515; Feb. 12.
- Baumgarth, Otto. (See Riemer, G., and Baumgarth.)
- Baumgartner, Aloysius C. (See Grosse, A. F., and Baumgartner.)
- Baumgartner, John H. (See Alstad, G. C., and Baumgartner.)
- Baumgratz, Ernst. (See Kratz, F., and Baumgratz.)
- Baumgratz, Ernst. (See Steinbart, H., Kratz and Baumgratz.)
- Baumgratz, Ernst, F. Kratz, and H. Steinbart, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Electrically driven portable tool. 1,990,017; Feb. 5.
- Baumbauer, Heinrich, Berlin-Ruhleben, and K. Wiegand, Berlin-Tempelhof, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,009,218; July 23.
- Baumböhrer, Louis B., Carroll, Iowa. Apparatus for separating oats from hulls. 2,002,133; May 21.
- Baumhüter, Heinrich, Batenhorst, Germany. Treatment of twines, cords, and the like made of hard fibers. 2,020,762; Nov. 12.
- Bäumli, Maximilian, assignor, by mesne assignments, to "Norma" Instrumenten Fabrik Bonwitt und Co., Vienna, Austria. Automatic registering device for measuring instruments and appliances. 2,024,793; Dec. 17.
- Baudouin, Charles, and K. Pleisch, Hersfeld, Germany. Ampulla syringe. 2,000,434; May 7.
- Baur, Karl. (See Reppe, W., and Baur.)
- Bauriedel, Gotthard. (See Hartmann, A., Hoefinghoff, Bauriedel, and Ostermann.)
- Bauriedel, Gotthard, Barmen, and K. Meyer-Gaus, Wuppertal-Elberfeld, Germany, assignors to American Bemberg Corporation, New York, N. Y. Process of and apparatus for the production of artificial silk and the like. 2,003,170; May 28.
- Baurmann, Karl. (See Vogel, W., and Baurmann.)
- Bauroth, Walter J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,020,169; Nov. 5.
- Bausch, Edward, Rochester, and W. L. Flad, Irondequoit, N. Y., assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Drill grinding machine. 2,024,268; Dec. 17.

- Bausch & Lomb Optical Company. (See Bausch, E., and Flad, assignors.)
- Bausch & Lomb Optical Company. (See Drescher, Theodore B., assignor.)
- Bausch & Lomb Optical Company. (See Ellestad, Gerhard A., assignor.)
- Bausch & Lomb Optical Company. (See Fassin, Gustave, assignor.)
- Bausch & Lomb Optical Company. (See Gallasch, George B., assignor.)
- Bausch & Lomb Optical Company. (See Poser, Max, assignor.)
- Bausch & Lomb Optical Company. (See Reh, Edward J., assignor.)
- Bausch & Lomb Optical Company. (See Scott, Murray R., assignor.)
- Bausch & Lomb Optical Company. (See Sterling, Scott, assignor.)
- Bausch & Lomb Optical Company. (See Wittig, Carl H. O., assignor.)
- Bausman, Alonzo L., Springfield, Mass. Confection coating machine. 2,003,851; June 4.
- Bausman, Alonzo L., assignor to National Equipment Company, Springfield, Mass. Apparatus for decorating confections. 2,006,432; July 2.
- Bautista, Leonides S., San Francisco, Calif. "Nides" twin toy. 2,002,685; May 28.
- Bauza, Jacques, Toulouse, France. Product for the protection of contacts in electric circuits. 1,994,849; Mar. 19.
- Bawcutt, Percy J. (See Lacey, B. W. D., and Bawcutt.)
- Bax, Lionel D., Denver, Colo. Vulcanizer. 2,022,308; Nov. 26.
- Baxenden, George. (See Collyear, J. R., and Bapty, assignors.)
- Baxter, Burke M., Middletown, Ohio. Pump. 2,013,455; Sept. 3.
- Baxter, Burke M., assignor to The Crystal Waxing Company, Middletown, Ohio. Dispensing packages and container therefor. 2,005,490; June 18.
- Baxter, Donald E., Los Angeles, Calif. Closure for containers. 2,004,027; June 4.
- Baxter, James Glasgow and W. Tivendale, Clydebank, Scotland, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Machine for operating on needles. 2,009,287; July 23.
- Baxter, John P., W. A. M. Edwards, and R. M. Winter, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Production of unsaturated compounds. 1,986,876; Jan. 8.
- Baxter, William C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for marking shoe bottoms. 1,998,484; Apr. 23.
- Bay, Daisey E. W. (See Hartman, Noble W., assignor.)
- Bayardi, Armand, assignor of two-fifths to Bayardi Brothers, Inc., New York, N. Y., two-fifths to Larter & Sons, Newark, and one-fifth to G. A. Schuetz, Maplewood, N. J. Cut diamond. 2,009,390; July 30.
- Bayardi Brothers, Inc., et al. (See Bayardi, Armand, assignor.)
- Bayer, Hugo F., La Grange, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Feeding mechanism for can making machines. 2,015,987; Oct. 1.
- Bayer, Leo J., St. Louis, Mo. Boiler cleaner. 2,017,846; Oct. 22.
- Bayer, Louis M. (See Walitzky, Abraham, assignor.)
- Bayer, Matthew F., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Crib. 1,992,733; Feb. 26.
- Bayerische Aktiengesellschaft für Chemische & Landwirtschaftliche Chemische Fabrikate. (See Wirz Müller, Anton, assignor.)
- Bayless, John L., Anchorage, assignor to Jefferson Island Salt Company, Louisville, Ky. Carton. 2,000,210; May 7.
- Bayless, Patrick A., Minneapolis, Minn. Ironing machine. 1,999,532; Apr. 30.
- Bayley, Allen A., administrator. (See Bayley, Arthur J.)
- Bayley, Arthur J., Milwaukee, Wis., Allen A. Bayley, administrator of said Arthur J. Bayley, deceased. Door controller. 2,000,574; May 7.
- Bayley, Colin H. (See Cambron, A., and Bayley.)
- Bayley, Elden D., Springfield, Ohio. Ensilage cutter and blower. 2,017,580; Oct. 15.
- Bayley, William D., Springfield, Ohio. Metal building construction. 2,019,041; Oct. 29.
- Bayley, William D., Springfield, Ohio. Detention window assembly. 2,020,046; Nov. 5.
- Bayley, William D., Springfield, Ohio. Detention window assembly. 2,020,094; Nov. 5.
- Bayley, William D., Springfield, Ohio. Bay window detention construction. 2,020,495; Nov. 12.
- Bayley, William D., Springfield, Ohio. Screen construction. 2,021,398; Nov. 19.
- Baylis, Albert W., Scarsdale, N. Y. Printed fabric. 2,002,359; May 21.
- Baylis, Walter S., assignor to Filtrul Company of California, Los Angeles, Calif. Refining asphalt base petroleum. 1,997,896; Apr. 16.
- Baymiller, John W., Springfield, Mass., assignor to William C. Geer, Ithaca, N. Y. Treatment of rubber surfaces. 2,016,736; Oct. 8.
- Baynard, William H., assignor to Beckwith Manufacturing Company, Boston, Mass. Shoe. 1,995,831; Mar. 26.
- Bayon, Maurice M., New Orleans, La. Recover pack for tennis balls. 2,021,042; Nov. 12.
- Bayreuther, Andrew, Albany, N. Y., assignor to The Standard Stoker Company, Incorporated. Stoker fuel deflector. 2,003,422; June 4.
- Bay State Optical Company. (See Nerney, George E., assignor.)
- Bayuk Cigars Incorporated. (See Axcell, Halge S., assignor.)
- Baze, Benjamin, Port Huron, Mich. Attachment for saw filing machines. 1,994,332; Mar. 12.
- Bazeley, Arthur J., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Coupler mechanism. 2,000,435; May 7.
- Bazeley, Arthur J., Shaker Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Uncoupling device. 2,009,426; July 30.
- Bazzocchi, Aldo, Milan, Italy. Indeformable bobbin for spinning artificial yarns. 1,989,539; Jan. 29.
- Bazzocchi, Aldo, Milan, Italy. Washing and bleaching apparatus for artificial yarns. 2,006,154; June 25.
- Bazzoni, Charles B., Swarthmore, assignor, by mesne assignments, to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Well surveying device. 2,012,455; Aug. 27.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for reducing heel-breast covering flaps. 1,993,293; Mar. 5.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Rotary toothed cutter. 1,995,290; Mar. 26.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel coating machine. 2,008,780; July 23.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Covering articles. 2,015,656; Oct. 1.
- Beach, Benjamin B., Battle Creek, Mich. Turn and stop signal. 2,011,466; Aug. 13.
- Beach, Chester H., assignor, by mesne assignments, to S. C. Johnson & Son, Inc., Racine, Wis. Agitating machine. 2,023,460; Dec. 10.
- Beach, Clarence E., Brookline, assignor to The Gamewell Company, Newton Upper Falls, Mass. Signal apparatus. 1,999,859; Apr. 30.
- Beach, Clarence E., Brookline, assignor to The Gamewell Company, Newton Upper Falls, Mass. Signal system. 2,018,656; Oct. 29.
- Beach, Clarence E., Brookline, and F. E. Weld, assignors to The Gamewell Company, Newton, Mass. Signal system. 1,998,436; Apr. 23.
- Beach, Edward G., Mount Vernon, N. Y. Dispensing device. 2,024,023; Dec. 10.
- Beach, Fitch H. (See Beach, Fred S. and F. H.)
- Beach, Fred S. and F. H., Charlotte, Mich. Road top mixer. 2,021,249; Nov. 19.
- Beach, Frederick H., New York, N. Y. Punching bag apparatus. 2,009,040; July 23.
- Beach, Lincoln. (See Beach, Sanford I., assignor.)
- Beach, Norman F., assignor to Eastman Kodak Company, Rochester, N. Y. Moisture proofing. 1,987,045; Jan. 8.
- Beach, Norman F., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Moistureproof cellulose acetate sheeting. 2,019,648; Nov. 5.
- Beach, Sanford I., Buffalo, N. Y., assignor of one-half to L. Beach, Miami Beach, Fla. Engine. 2,010,289; Aug. 6.
- Beacon Safety Signal Co. (See Roan, Carl M., assignor.)
- Bead Chain Manufacturing Company, The. (See Blatz, Warren D., assignor.)
- Beadle, Blanche E., Springfield, Mass. Hair curler. 1,990,891; Feb. 12.
- Beagle, Ralph G., Pasadena, Calif. Adjustable flower holder. 2,005,966; June 25.
- Beal, Albert H., and J. A. Hardcastle, assignors to Speed and Service Iron Works, Houston, Tex. Elevator. 2,013,621; Sept. 3.
- Beal, Carl L., Cuyahoga Falls, assignor to American Anode, Inc., Akron, Ohio. Composite product and making the same. 1,994,165; Mar. 12.
- Beal, Carl L., Cuyahoga Falls, assignor to American Anode, Inc., Akron, Ohio. Making hollow rubber articles. 1,997,784; Apr. 16.
- Beal, George F. (See Sorensen, S. O., and Beal.)
- Beal, Walter H., trustee et al. (See Barton, Clarence H., assignor.)
- Beal, Walter H., trustees, et al. (See Brownlee, Dalmar T., assignor.)
- Beal, Walter H., trustees et al. (See Starkey, William C., assignor.)
- Beale, Edward B., Evanston, assignor to Standard Oil Company, Chicago, Ill. Top cylinder lubricant. 1,990,365; Feb. 5.
- Beall, Charles R., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Track shunting apparatus. 2,023,301; Dec. 3.
- Beall, Herbert S., Norfolk, Va. Insect trapping and exterminating device. 2,012,651; Aug. 27.
- Beall, Ollie M., Des Moines, Iowa. Paint applicator. 2,008,942; July 23.
- Beals, Albert E., Norwich, N. Y. Method and apparatus for automatically controlling the operation of air conditioning systems. 1,986,316; Jan. 1.
- Beals, Erl V., Boston, Mass. Carburetor. 2,009,992; Aug. 6.

- Beam, Vilynn O., Toledo, Ohio, assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve operating mechanism. 2,025,264; Dec. 24.
- Beamer, Clayton M. (See Archibald, F. M., and Beamer.)
- Beamer, Clayton M. (See Lebo, R. B., and Beamer.)
- Beamer, Donald P., Uniontown, Pa. Indicator for aircraft. 2,021,250; Nov. 19.
- Beamish, Hannah L. (See Gates, Benjamin L., assignor.)
- Beams, Jesse W. (See Trotter, H. Jr., and Beams.)
- Bean, Barton A., Jr., Williamsburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,002,336; May 21.
- Bean, Barton A., Jr., Williamsburg, assignor to Trico Products Corporation, Buffalo, N. Y. Parking electric windshield cleaner. 2,012,804; Aug. 27.
- Bean, Charles E., Stafford Springs, Conn., and D. J. Introvigne, Springfield, Mass. Device for eliminating or preventing the glare from motor vehicle head lights. 2,012,620; Aug. 27.
- Bean, Earle H., Belmont, assignor to The Barta Press, Cambridge, Mass. Display device. 1,991,044; Feb. 12.
- Bean, Francis A., assignor to International Milling Company, Minneapolis, Minn. Conveying system. 1,991,652; Feb. 19.
- Bean, Samuel. (See Dickman, Jacob L., assignor.)
- Beane, Edwin A., and E. F. Andrews, Chicago, Ill., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. High frequency amplifier. 2,013,430; Sept. 3.
- Beans, John F., assignor, by mesne assignments, to The First National Bank in Massillon, Massillon, Ohio. Spring forming and quenching machine. 2,022,532; Nov. 26.
- Bear, Joseph W., Roanoke, and R. R. Sublette, Vinton, assignors to Double Envelope Corporation, Roanoke, Va. Envelope. 2,001,340; May 14.
- Bear, Paul S., assignor to James Heddon's Sons, Dowagiac, Mich. Hook fastening for fish lures. 2,005,985; June 25.
- Bear, Paul S., assignor to James Heddon's Sons, Dowagiac, Mich. Tubular fishing rod. 2,017,303; Oct. 15.
- Bear, Velma M., assignor to Schulze Baking Company, Kansas City, Mo. Packaging of loaf-like bakery goods. 2,001,761; May 21.
- Beard, Anna M. (See Beard, Earl C., assignor.)
- Beard, Earl C., assignor of one-half to A. M. Beard, Mishawaka, Ind. Clothes hanger. 2,002,001; May 21.
- Beard, Earl E. (See Statt, P. H., and Beard.)
- Beard, Earl E., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. 1-nitro-anthraquinone-6-acyl amino compounds and their preparation. 2,001,701; May 21.
- Beard, Earl E., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Acylamino-anthraquinones and their preparation. 2,001,702; May 21.
- Beard, Earl E., South Milwaukee, and R. N. Lulek, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of 1-nitro-anthraquinone-6-carboxylic acid. 1,991,191; Feb. 12.
- Beard, Geoffrey G. (See Gardner, K. C., Buente and Beard.)
- Beard, Joseph G., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Quartz crystal manufacture. 2,018,246; Oct. 22.
- Beard, Joseph G., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Crystal holder. 2,023,112; Dec. 3.
- Beard, Lawrence O., Lancaster, Pa. Valve seat refacing tool. 1,988,411; Jan. 15.
- Beard, Lawrence O., Lancaster, Pa. Valve grinding tool. 1,994,680; Mar. 19.
- Beard, Lawrence O., Lancaster, Pa. Tool for grinding valves. 1,999,922; Apr. 30.
- Beard, Leslie C., Jr. (See Rather, J. B., Beard, and Reiff.)
- Beard, Robert E., and E. N. Roberts, Casper, Wyo., assignors to Standard Oil Company, Chicago, Ill. Recovering green acid soap. 1,997,566; Apr. 16.
- Beard, Theodore H., M. J. Johnson, and J. E. Renholdt, Bridgeport, Conn., assignors to Dictaphone Corporation, New York, N. Y. Dictating machine. 1,989,783; Feb. 5.
- Beardmore, William, & Company Limited. (See Wharton, John, assignor.)
- Beardsley, Bruce, Brooklyn, N. Y., and M. V. Crendon, Westfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Belt conveyer. 1,992,349; Feb. 26.
- Beardsley, Bruce, Brooklyn, and A. Plausics, assignors to The Western Union Telegraph Company, New York, N. Y. Drag conveyer channel. 2,006,294; June 25.
- Beardsley, Charles E., Bethlehem, assignor to Scovill Manufacturing Company, Waterbury, Conn. Sharpening device for safety razor blades. 1,988,474; Jan. 22.
- Beardsley, George D. (See Kramer, Andrew A., assignor.)
- Beardsley, George D. (See Kueffer, Frederick W., assignor.)
- Beardsley & Piper Company, The. (See Piper, Walter F., assignor.)
- Beardsley & Wolcott Manufacturing Company, The. (See Perry, Edward D., assignor.)
- Bearmore, Jerry N. (See Freidberg, A. B., Arend and Bearmore.)
- Beasley, Milton R., Norwood, assignor to Bird & Son, Inc., East Walpole, Mass. Manufacture of artificially colored granules. 2,001,448; May 14.
- Beaton & Cadwell Manufacturing Company, The. (See Cadwell, W. H., and Ott, assignors.)
- Beaton & Cadwell Manufacturing Company, The. (See Kelso, Howard F., assignor.)
- Beatrice, Gabriel C., Shrewsbury, assignor to Draper Corporation, Hopedale, Mass. Loom shuttle. 2,012,584; Aug. 27.
- Beattey, Earl J. R., Edgewood, R. I. Making of rayon. 2,024,962; Dec. 17.
- Beattie, William P., Norwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Safety device for automatic controls. 2,003,852; June 4.
- Beattie, William P., Norwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Motor reversing mechanism. 2,007,591; July 9.
- Beatty, Chas. A. (See Boynton, Alexander, assignor.)
- Beatty, Claire C., and E. J. Lloyd, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey, Aerial tramway. 2,005,126; June 18.
- Beatty, Edward T., Birmingham, Ala. Hydraulic cable equalizer. 1,991,538; Feb. 19.
- Beatty, Floyd A., Corliss Station, assignor to Lewis Foundry & Machine Company, Groveton, Pa. Up-cut shear. 2,000,314; May 7.
- Beatty, George W. (See Goebert, E. C., and Beatty.)
- Beatty, Herbert O., West Los Angeles, Calif., assignor to H. C. Hillabold, Chicago, Ill. Filter. 1,989,306; Jan. 29.
- Beatty, Ross J. (See Brodd, George S., assignor.)
- Beatty, Wilfrid J., Castroville, Calif. Road planer. 2,004,154; June 11.
- Beaty, Clarence L. (See Morris, Frank T., assignor.)
- Beaty, Fred E. (See Minton, Benjamin H., assignor.)
- Beauchamp, John H., Coraopolis, and J. S. Miller, Pittsburgh, Pa., assignors to The Dravo Contracting Company. Wall form. 1,995,050; Mar. 19.
- Beauchamp, Wilfred A., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door construction. 1,997,556; Apr. 9.
- Beauchamp, Wilfred A., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,003,033; May 28.
- Beauckler, William, Irvington, N. J., assignor to Pure Made Products Co. Sliced loaf bagging device. 1,992,166; Feb. 26.
- Beaudoin, Claire, Montreal, Quebec, Canada. Buckle for sanitary belts. 1,992,985; Mar. 5.
- Beaulieu, Oliver. (See Van Buskirk, William H., assignor.)
- Beaumont Birch Company. (See Davenport, W. G., and Weniger, assignors.)
- Beaumont, Eugene P., Brooklyn, N. Y. Flash light. 2,019,884; Nov. 5.
- Beaumont Iron Works Company. (See Roach, Edmund J., assignor.)
- Beaumont, John M., Huddersfield, England. Device for the hydraulic transmission of power. 2,015,212; Sept. 24.
- Beaumont, Marie L., Brooklyn, N. Y., assignor, by mesne assignments, to W. C. Hammond, Kalamazoo, Mich. Flash light. 2,009,952; July 30.
- Beauvais, Georges A. (See Marrec, Y. and Beauvais.)
- Beauvisage, Johann, Cologne-Ehrenfeld, Germany. Adhesive band for closing paper wrappers of packages. 2,006,786; July 2.
- Beaver Manufacturing Company. (See Slade, H. E., and Gehring, assignors.)
- Beaver Manufacturing Company. (See Strongson, Herman L., assignor.)
- Beaver Pipe Tools, Incorporated. (See Phillis, William A., assignor.)
- Beavers, Roy J., Brookfield, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Indexing mechanism. 2,008,848; July 23.
- Beaverson, George, Minneapolis, Minn. Multiple line holder. 2,005,491; June 18.
- Beaverstock, Elisha F., Holyoke, Mass. Circuit closer. 2,008,166; July 16.
- Bebbe, Edwin W., Hawthorne, N. J. Fastening core caps to cores. 2,020,348; Nov. 12.
- Bech, Joseph. (See Walter C. T., and Bech.)
- Bech, Joseph, assignor, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Slicing machine. 1,993,586; Mar. 5.
- Bechard, A. B., et al. (See Manor, Florian F., assignor.)
- Becher, Herman. (See Donalics, H. C., and Becher.)
- Becher, Theodor, Wiesbaden, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Nuremberg, Germany. Drum weir. 1,999,582; Apr. 30.
- Becher, Theodor, Wiesbaden, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Nuremberg, Germany. Drum weir. 2,014,548; Sept. 17.
- Bechert, Fred J., Stamford, assignor to The American Hardware Corporation, New Britain, Conn. Lock device. 2,008,662; July 23.
- Bechhofer, Julius, Teaneck, N. J., assignor to Bernhard Ulmann Co. Inc., New York, N. Y. Weaving frame. 1,997,539; Apr. 9.
- Bechik, Michael, St. Paul, Minn. Handle for mattresses, box springs, and cushions. 2,011,747; Aug. 20.
- Bechler, Joseph, assignor to A. Williams, New York, N. Y. Clock. 1,999,557; Apr. 30.

- Bechman, William O., Chicago, Ill., assignor to International Harvester Company. Driving disk for clutches. 2,002,285; May 21.
- Bechmann, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Quartz oscillator arrangement. 1,996,737; Apr. 9.
- Bechmann, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Quartz crystal oscillator. 2,002,167; May 21.
- Bechmann, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna for directed rays. 2,018,342; Oct. 22.
- Bechmann, Rudolf, H. O. Roosenstein, and H. Elstermann, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Quartz crystal oscillator. 2,015,836; Oct. 1.
- Becht, Louis D., St. Louis, Mo. Shirt board. 2,004,362; June 11.
- Bechtel, Charles M., Pittsburgh, Pa. Water heater. 1,989,581; Jan. 29.
- Bechtold, Reuben E., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Pressure stabilizer for entrapped liquid. 2,013,431; Sept. 3.
- Bechtold, Reuben E., assignor to Tokheim Tank and Pump Company, Fort Wayne, Ind. Meter for liquids. 2,021,882; Nov. 26.
- Beck, Adolf, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Seaplane float. 1,988,863; Jan. 22.
- Beck, Albert E. (See Beck, William R. and A. E., and Krombie.)
- Beck, Arthur, and M. Mueller-Cunradi, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft Frankfurt-on-the-Main, Germany. Production of vulcanizable mixtures. 1,991,367; Feb. 19.
- Beck, Broussais C. (See Henderson, J. E., and Beck.)
- Beck, Carl, Vancouver, British Columbia, Canada. Plumb bob support. 2,016,573; Oct. 8.
- Beck, Charles B., Brooklyn, assignor to Rudolf Lesch Fine Arts, Inc., New York, N. Y. Method and means for mounting prints. 2,017,200; Oct. 15.
- Beck, Charles J., Philadelphia, Pa. Printing surface holder. 2,016,954; Oct. 8.
- Beck, Ernest. (See Sorensen, L. S., and Beck.)
- Beck, Ernst, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Spinning bobbin. 2,000,372; May 7.
- Beck, Frederick A. (See Leo, H. T., Taylor, and Beck.)
- Beck, Heinrich, Meiningen, assignor to the firm Carl Zeiss, Jena, Germany. Negative electrode for high current arc lamps. 1,991,998; Feb. 19.
- Beck, Hermann, Berlin-Zehlendorf, Germany. Producing seedlings and germinated seeds without earth. 2,012,180; Aug. 20.
- Beck, Jessie, Los Angeles, Calif. Ear shield. 2,021,144; Nov. 19.
- Beck, Johnse H., assignor to The Geo. F. Cram Company, Indianapolis, Ind. Sun ray indicating terrestrial globe. 2,020,284; Nov. 12.
- Beck, Julius S., assignor to J. A. Kammerdiner, Los Angeles, Calif. Jar. 1,989,906; Feb. 5.
- Beck, Julius S., assignor to J. A. Kammerdiner, Los Angeles, Calif. Jar and safety coupling. 1,989,907; Feb. 5.
- Beck, Karl, Stuttgart, assignor to W. Beck, Stuttgart-Zuffenhausen, Germany. Soot separator. 1,996,608; Apr. 2.
- Beck, Koller, & Company, Inc. (See Hönel, Herbert, assignor.)
- Beck, Koller & Company. (See Krumbhaar, Wilhelm, assignor.)
- Beck, Leo L., Westfield, N. J., assignor to Claude Neon Lights, Inc., New York, N. Y. Cold weather tube. 1,994,381; Mar. 12.
- Beck, Leo L., Westmount, Quebec, Canada, assignor, by mesne assignments, to Ecksol Corporation of America. Luminous tube. 2,012,236; Aug. 20.
- Beck, Leo L., Westmount, Quebec, Canada, assignor, by mesne assignments, to Ecksol Corporation of America. Cathode. 2,012,237; Aug. 20.
- Beck, Leo L., Westfield, N. J., assignor to Claude Neon Lights, Inc., New York, N. Y. Positive column lamp. 2,018,620; Oct. 22.
- Beck, Louis C., St. Louis, Mo. Lighter. 1,986,098; Jan. 1.
- Beck, Morris B. (See Whittaker, J. D., and Beck.)
- Beck, Norman R., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Plunger. 1,995,662; Mar. 26.
- Beck, Norman R., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Leer feeding apparatus. 1,996,535; Apr. 2.
- Beck, Robert W. and G. A. Rogge, Detroit, Mich. Mechanically operated bath brush. 1,999,799; Apr. 30.
- Beck, Walter, et al. (See Albrecht, C., and Beck.)
- Beck, Walter, Frankfurt-on-the-Main, and K. Bonath, Cronberg-in-Taunus, assignors to Deutsche Gold & Silber Scheideanstalt, vormals Roessler, Frankfurt-on-the-Main, Germany. Case hardening articles. 1,993,204; Mar. 5.
- Beck, Walter, Frankfurt-on-the-Main, and K. Bonath, Cronberg-in-Taunus, assignors to Deutsche Gold & Silber Scheideanstalt, vormals Roessler, Frankfurt-on-the-Main, Germany. Case-hardening iron articles. 1,996,269; Apr. 2.
- Beck, Wilhelm. (See Beck, Karl, assignor.)
- Beck, William C., Mattoon, Ill. Portable water softener. 2,007,068; July 2.
- Beck, William R. and A. E., Willimantic, and C. Krombie, South Coventry, Conn. Automobile heater. 1,989,163; Jan. 29.
- Beckel, Victor V., assignor to Chrysler Corporation, Detroit, Mich. Valve mechanism. 1,990,516; Feb. 12.
- Becker, Alfonse N., Milwaukee, Wis., assignor by mesne assignments to Automatic Parking Systems, Inc. Vehicle handling apparatus. 2,014,351; Sept. 10.
- Becker, Abraham S., Los Angeles, Calif. Stocking supporting clasp. 2,018,652; Oct. 29.
- Becker, Albert E., Stewartville, Minn. Fishhook. 2,026,452; Dec. 31.
- Becker, Bernard C., York, Pa., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,002,624; May 28.
- Becker, Bernard C., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,008,676; July 23.
- Becker, Bernard C., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,017,937; Oct. 22.
- Becker, Bernard C., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,020,600; Nov. 12.
- Becker, Carl W., Allston, Mass. Cathode ray tube. 2,004,646; June 11.
- Becker, Charles W., assignor to Wilson & Co. Inc., Chicago, Ill. Heat insulating material. 1,992,906; Feb. 26.
- Becker, Christopher A., Nutley, N. J., assignor to The Torsion Balance Company, New York, N. Y. Balance or weighing scale. 1,986,995; Jan. 8.
- Becker, Christopher A., Nutley, N. J., assignor to The Torsion Balance Company, New York, N. Y. Balance or weighing scale. 2,004,745; June 11.
- Becker, Edmund H. (See Marcus, M. L., and Becker.)
- Becker, Emil, assignor to H. Junkers, Dessau, Germany. Structural member. 1,989,259; Jan. 29.
- Becker, Enno, Bremen, Germany. Anchoring device. 1,998,860; Apr. 23.
- Becker, Enno, Bremen, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Iron pile. 2,010,254; Aug. 6.
- Becker, Frank M., Sinking Spring, Pa. Dispensing device for collapsible tubes. 2,015,333; Sept. 24.
- Becker, Frederick W., and R. P. Kinsley, assignors to Watervliet Tool Company, Inc., Albany, N. Y. Expanding pintle for hinges. 2,004,561; June 11.
- Becker, George H., et al. (See Lambourne, Herbert D., assignor.)
- Becker, Guillaume. (See Nelson, H. H., and Becker.)
- Becker, Hans. (See Vollmann, H., and Becker.)
- Becker, Heinrich, Hattinchen-on-the-Ruhr, Germany. Centerless cylindrical grinding machine. 2,016,478; Oct. 8.
- Becker, Heinrich, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Drive for fuel pumps for combustion power engines. 2,000,555; May 7.
- Becker, Howard I., Schenectady, N. Y., assignor to General Electric Company. Direction finder. 1,991,443; Feb. 19.
- Becker, Howard I., Schenectady, N. Y., assignor to General Electric Company. Aeronautical device. 2,009,832; July 30.
- Becker, Jesse O., Alameda, assignor to Becker Pump Company, Oakland, Calif. Boiler feed pump apparatus. 2,007,138; July 2.
- Becker, Joseph, O'Hara Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Coking retort oven. 2,003,574; June 4.
- Becker, Joseph, O'Hara Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Coking retort oven. 2,015,657; Oct. 1.
- Becker, Joseph, Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Coke-oven gas by-product recovery. 2,010,003; Aug. 6.
- Becker, Joseph, assignor to The Koppers Company of Delaware, Pittsburgh, Pa. Coking retort oven. 2,019,483; Nov. 5.
- Becker, Joseph A., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Asymmetric conductor. 1,994,632; Mar. 19.
- Becker, Julius H., San Francisco, assignor to The Decora Manufacturing Company, Inc., Richmond, Calif. Pneumatic pressure gauge. 2,016,586; Oct. 8.
- Becker, Leslie G., Genesee, Ill. Fused current tap. 2,013,596; Sept. 3.
- Becker, Logan A., Lakewood, assignor to The Dobeckmun Company, Cleveland, Ohio. Suction bag opening device. 1,995,259; Mar. 19.
- Becker, Logan A., and J. M. Munson, assignors to The Dobeckmun Company, Lakewood, Ohio. Process and machine for the manufacture of containers from transparent cellulose sheets. 1,990,892; Feb. 12.
- Becker, Logan A., Lakewood, assignor to The Dobeckmun Company, Cleveland, Ohio. Forming containers. 2,018,621; Oct. 22.
- Becker, Louis J., Rochester, N. Y. Meat scoring and tendering device. 1,999,972; Apr. 30.
- Becker, Morris W., New York, N. Y. Spool. 2,016,311; Oct. 8.
- Becker, Paul. (See Kuhlman, W., and Becker.)

- Becker, Peter, Dusseldorf-Wersten, Germany, assignor to United States Envelope Company, Springfield, Mass. Apparatus for conveying envelope blanks. 2,005,492; June 18.
- Becker Pump Company. (See Becker, Jesse O., assignor.)
- Becker, Robert A., Sr., and S. P. Becker, Poughkeepsie, N. Y. Sheet metal wire clamp. 2,020,285; Nov. 12.
- Becker, Robert A., Sr., and S. P., Poughkeepsie, N. Y. Angular tap clamp for feed lines. 2,021,399; Nov. 19.
- Becker, Rudolph, North Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 1,997,993; Apr. 16.
- Becker, Stephen P. (See Becker, Robert A., Sr., and S. P.)
- Becker, Stewart, Schenectady, N. Y., assignor to General Electric Company. High frequency circuit. 1,992,805; Feb. 26.
- Becker, Walter S., Little Falls, N. Y. Tuftless mattress. 2,018,773; Oct. 29.
- Becker, Wilhelm. (See Othner, L., Becker, and Rosenthal.)
- Becker, Wilhelm, Cologne-Mulheim, and A. Blömer, Imbach, near Opladen, assignors to I. G. Farbenindustrie Aktien-gesellschaft, Frankfurt-on-the-Main, Germany. Preparing stabilized chlorinated rubbers. 1,993,913; Mar. 12.
- Becker, William C., Catonsville, Md. Electrically heated mattress, pad, cushion, and the like. 1,989,582; Jan. 29.
- Beckerman, Mollie, New York, N. Y. Lady's combination undergarment. 1,988,068; Jan. 15.
- Beckert, Carl J. (See Kritchevsky, W., Beckert, and Braver.)
- Becket, Alan L., East Orange, N. J. Electric plug. 1,991,045; Feb. 12.
- Becket, Alan L., East Orange, N. J., and M. B. Reach, Springfield, Mass., said Reach assignor to A. G. Spalding & Bros., New York, N. Y. Thigh guard. 1,991,721; Feb. 19.
- Becket, Frederick M., New York, N. Y., assignor to Electro Metallurgical Company. Producing zirconium alloys. 1,996,037; Mar. 26.
- Becket, Frederick M., New York, N. Y., assignor to Electro Metallurgical Company. Producing columbium alloys. 2,004,498; June 11.
- Becket, Frederick M., New York, and R. Franks, Jackson Heights, N. Y., assignors to Electro Metallurgical Company. Heat treatment of chromium alloy steels. 2,024,561; Dec. 17.
- Beckett, Charles M., Cheam, and D. J. Watkins, Streatham, assignors to Sir W. G. Armstrong Whitworth and Company (Engineers) Limited, London, England. Regulating the output of prime movers of electric generating plants. 2,014,365; Sept. 17.
- Beckett, Merrill A., Detroit, Mich. Weighing apparatus. 2,008,126; July 16.
- Beckett Paper Company, The. (See Lum, Edward K., assignor.)
- Beckett, Reginald W., Rocky River, assignor to The Cleveland Steel Products Corporation, Cleveland, Ohio. Ignition apparatus. 1,987,094; Jan. 8.
- Beckett, Reginald W., Cleveland, Ohio, assignor to The Timken Silent Automatic Company, Detroit, Mich. Liquid fuel burner. 2,021,678; Nov. 19.
- Beckette, Edmund S., East St. Louis, assignor to General Steel Castings Corporation, Granite City, Ill. Articulated car structure. 2,019,288; Oct. 29.
- Beckette, Edmund S., East St. Louis, assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,026,014; Dec. 31.
- Beckette, Edmund S., East St. Louis, assignor to General Steel Castings Corporation, Granite City, Ill. Magnetic brake structure. 2,026,015; Dec. 31.
- Beckler, Oakley K., Dallas, Tex., assignor of forty-nine per cent to G. W. Harris, Marshalltown, Iowa, and J. V. Bass, Omaha, Nebr. Window lift for vehicles. 1,989,964; Feb. 5.
- Beckley-Ralston Co., The. (See Williamson, Henry C., assignor.)
- Beckman, Jacob H., Oakland, Calif. Condenser unit. 2,016,587; Oct. 8.
- Beckmann, August F., Narberth, assignor to Benj. C. Betner Company, Devon, Pa. Bag making machine. 2,009,288; July 23.
- Beckwith, Charles J., Brooklyn, and R. V. Parsons, assignors to Johns-Manville Corporation, New York, N. Y. Veneered stone like unit. 2,021,348; Nov. 19.
- Beckwith, Harry H., Brookline, assignor to Beckwith Manufacturing Company, Boston, Mass. Shoe filler composition and making. 2,025,432; Dec. 24.
- Beckwith, Jesse D., Elmira, N. Y. Gas burner. 1,989,164; Jan. 29.
- Beckwith, Lawton B. (See Bray, U. B., and Beckwith.)
- Beckwith Manufacturing Company. (See Baynard, William H., assignor.)
- Beckwith Manufacturing Company. (See Beckwith, Harry H., assignor.)
- Beckwith Manufacturing Company. (See Grant, Reuben P., assignor.)
- Beckwith Manufacturing Company. (See McMurray, H. G., and Norman, assignors.)
- Beckwith Manufacturing Company. (See Miller, H. S., and Sargent, assignors.)
- Beccar, Joseph, Wickliffe, assignor to The Cleveland Co-operative Stove Company, Cleveland, Ohio. Cover for gas range burner compartment. 2,024,501; Dec. 17.
- Bedaux, Charles E., Monts, France. Automobile door. 2,001,863; May 21.
- Bedaux, Charles E., Monts, France, assignor to Eastman Kodak Company, Rochester, N. Y. Film holder. 2,017,142; Oct. 15.
- Beddingfield, Charles D., New York, N. Y. Display case. 1,990,398; Feb. 5.
- Beddingfield, Charles D., New York, N. Y. Display case. 2,014,516; Sept. 17.
- Bedell, Carl E. (See Iversen, L., Noble and Bedell.)
- Bedell, Carl E., assignor to Mesta Machine Company, Pittsburgh, Pa. Control device for rolling mills. 2,003,129; May 28.
- Bedell, Frederick, Ithaca, N. Y. Apparatus for bone audition. 1,986,955; Jan. 8.
- Bedell, Henry G., assignor to Rotary Knit-Weave Looms Limited, Wellington, New Zealand. Knitting machine. 2,009,379; July 30.
- Bedell, Henry G., T. P. Eustege, and W. T. Brown, assignors to Lockstitch Weavers Limited, Wellington, New Zealand. Apparatus for the manufacture of fabrics. 2,012,749; Aug. 27.
- Bedell, Rodney, Webster Groves, Mo., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake structure carrier. 1,995,111; Mar. 19.
- Bedford, Alda V., Collingswood, N. J., and D. C. Hoffmann, Philadelphia, Pa. Automatic controlling valve. 1,990,517; Feb. 12.
- Bedford, Alda V., Collingswood, N. J., assignor to General Electric Company. Electrical measuring apparatus. 1,992,022; Feb. 19.
- Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America, New York, N. Y. Cathode ray apparatus. 2,004,099; June 11.
- Bedford, Alda V., Collingswood, N. J., and D. C. Hoffmann, Philadelphia, Pa. Automatic control for vehicle suspension. 2,021,043; Nov. 12.
- Bedford, Arthur J., Littlestown, Pa. Machine for slitting welts. 2,002,486; May 28.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 1,985,912; Jan. 1.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve translating circuit. 1,986,617; Jan. 1.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting apparatus. 2,004,778; June 11.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric power converting apparatus. 2,009,833; July 30.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting apparatus. 2,009,834; July 30.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Polyphase oscillator. 2,017,708; Oct. 15.
- Bedford, Edward T. (See Jacobson, James I., assignor.)
- Bedford, Frederick G. H., and C. D. Gibb, assignors to C. A. Parsons & Company, Limited, Newcastle-on-the-Tyne, England. Making turbine blades. 2,013,622; Sept. 3.
- Bedford, Jesse, assignor of one-half to M. C. Park, Luton, England. Hydraulic variable transmission mechanism. 1,987,251; Jan. 8.
- Bedford, Leslie H., and D. G. Coveney, Aldwych, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Electron discharge device. 1,993,769; Mar. 12.
- Bedwell, Harry F., Lyons, Ind. Piston ring. 2,001,119; May 14.
- Bee Line Manufacturing Company. (See Smith, Roy D., assignor.)
- Beebe, Edward M., Shawnee, Okla. Manifold valve. 1,998,830; Apr. 23.
- Beebe, John D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Lineman's protective device. 1,988,435; Jan. 22.
- Beebe, Raymond H., Glen Ridge, N. J., assignor to Westinghouse Lamp Company. Making coiled coils. 2,013,432; Sept. 3.
- Beecher, Eldridge M., assignor to The Eastern Malleable Iron Company, New Britain, Conn. Pole reinforcement. 2,026,157; Dec. 31.
- Beecher, Mrs. Frank. (See Block, David J., assignor.)
- Beede, Frederic N., Pawtucket, R. I. Mechanism for pressing and conditioning fabrics and garments. 1,996,714; Apr. 2.
- Beede, Herbert G., Pawtucket, R. I. Garment pressing machine. 1,986,099; Jan. 1.
- Beede, Herbert G., Pawtucket, R. I. Garment pressing machine. 1,993,335; Mar. 5.
- Beede, Herbert G., Pawtucket, R. I. Garment pressing machine. 2,026,264; Dec. 31.
- Beeg, George R., Yonkers, N. Y. Dispensing device. 2,008,381; July 16.
- Beegle, Raymond E., East St. Louis, Ill. Metal cutting and forming apparatus. 1,997,098; Apr. 9.
- Beeh, Louis, Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Magnetic rotor. 1,996,946; Apr. 9.
- Beeh, Louis, Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Electric generator. 1,996,947; Apr. 9.

- Beeh, Louis, Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Magneto with rotating magnets. 1,996,948; Apr. 9.
- Beeh, Louis, Longmeadow, and J. F. Martin, assignors to United American Bosch Corporation, Springfield, Mass. Magneto. 2,013,335; Sept. 3.
- Beeker, Samuel T., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling mechanism. 2,020,631; Nov. 12.
- Beeker, Samuel T., and J. S. Beltz, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Material handling mechanism. 2,020,632; Nov. 12.
- Beekhuis, Herman A., Syracuse, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Liquid dispersing device. 1,994,239; Mar. 12.
- Beekhuis, Herman A., Jr., Syracuse, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Process and apparatus for the vapor phase production of ammonium nitrate. 2,011,704; Aug. 20.
- Beekhuis, Herman A., Syracuse, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Fusing materials. 2,019,112; Oct. 29.
- Beekman, Everett W., Muncie, Ind., assignor to General Motors Corporation, Detroit, Mich. Magazine feeder. 2,009,869; July 30.
- Beeman, Henry F., Denver, Colo. Lubricating and gas saving attachment for internal combustion engines. 2,010,473; Aug. 6.
- Beemer Idalyne M., Los Angeles, Calif. Hand covering. 2,025,710; Dec. 31.
- Beer Control Systems, Incorporated. (See Cohen, Abraham, assignor.)
- Beer, Karl, Stuttgart, and G. Pfommer, Obertuerkheim, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Electric condenser. 2,004,647; June 11.
- Beerline, Martin, Findlay, Ohio. Animated toy. 2,001,482; May 14.
- Beers, Burton B. (See Labadie, H. H., and Beers.)
- Beers, George L., Collingswood, N. J., assignor to Radio Corporation of America. Signal generator. 1,993,395; Mar. 5.
- Beers, George L., Collingswood, N. J., assignor to Radio Corporation of America. Amplifier. 2,010,131; Aug. 6.
- Beers, George L., Collingswood, N. J., assignor to Radio Corporation of America. Amplifier. 2,017,523; Oct. 15.
- Beers, George L., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Control system. 2,020,275; Nov. 5.
- Beers, Harry F., Pelham, and J. W. Shrope, New York, N. Y., said Shrope assignor to said Beers. Display case. 2,023,260; Dec. 3.
- Beers, John R., Bloomfield, N. J., assignor, by mesne assignments, to National Union Radio Corporation, New York, N. Y. Alternating current tube. 1,990,974; Feb. 12.
- Beers, Royce L., assignor to Detroit Stoker Company, Detroit, Mich. Stoker construction. 1,986,318; Jan. 1.
- Beers, Royce L., assignor to Detroit Stoker Company, Detroit, Mich. Stoker mechanism. 1,989,661; Feb. 5.
- Beers, Royce L., assignor to Detroit Stoker Company, Detroit, Mich. Stoker construction. 1,993,819; Mar. 12.
- Beers, Royce L., assignor to Detroit Stoker Company, Detroit, Mich. Stoker construction. 2,004,363; June 11.
- Beers, Royce L., assignor to Detroit Stoker Company, Detroit, Mich. Stoker construction. 2,020,871; Nov. 12.
- Beese, Norman C., Verona, N. J., assignor to Westinghouse Lamp Company. Vacuum switch for X-ray tube circuits. 2,013,398; Sept. 3.
- Beese, Norman C., Verona, N. J., assignor to Westinghouse Lamp Company. Electric switch. 2,016,131; Oct. 1.
- Beeskov, Albert, New York, N. Y. Collapsible chair. 2,006,823; July 2.
- Beesley, Ronald P., Catford, London, assignor to Cam Locks Limited, Catford, London, England. Lubricating the cam-shaped surface of the bolt of a lock. 2,024,329; Dec. 17.
- Beeson, Arthur W., Washington, Pa., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Timer for leer loaders. 1,997,099; Apr. 9.
- Beeson, Arthur W., Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Cage for parison molds. 2,003,064; May 28.
- Beeson, Arthur W., Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Mechanism for transferring glassware. 2,007,592; July 9.
- Beeson, Henry H. (See Sweeney, O. R., Vilbrandt, Beeson, and Montgomery.)
- Beetem, Frank G., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Charge controlling means for storage batteries. 2,012,903; Aug. 27.
- Beford, Arthur J., Littleton, Pa. Leather and treating same. 2,026,453; Dec. 31.
- Begg, James, assignor to Regan Forge & Engineering Company, San Pedro, Calif. Oil well casing head. 1,988,442; Jan. 22.
- Begg, James, assignor to Regan Forge & Engineering Company, San Pedro, Calif. Oil well casing head. 2,009,989; July 30.
- Begg, Russell S., assignor to The Midland Steel Products Company, Cleveland, Ohio. Brake. 2,009,723; July 30.
- Beggs, James E., Schenectady, N. Y., assignor, to General Electric Company. Alternating current actuated controller. 1,988,349; Jan. 15.
- Beggs, Paul W., assignor to Jas. P. Marsh Corporation, Chicago, Ill. Valve. 2,008,198; July 16.
- Beggs, Paul W., assignor to Jas. P. Marsh Corporation, Chicago, Ill. Steam trap. 2,013,433; Sept. 3.
- Beghetti, Peter, San Francisco, Calif. Concrete form apparatus. 1,994,166; Mar. 12.
- Beghetti, Peter, San Francisco, Calif. Collar tab holder. 1,995,021; Mar. 19.
- Beghetti, Peter, San Francisco, Calif. Time release apparatus. 2,004,515; June 11.
- Beghetti, Peter, San Francisco, Calif. Cooking kettle device. 2,005,928; June 25.
- Begle, Ned G., Greenwich, Conn., assignor to Berst-Forster-Dixfield Company, Dixfield, Maine. Clothespin package. 2,008,539; July 16.
- Begun, Alex., and R. W. Wise, Detroit, Mich. Vault. 2,018,941; Oct. 29.
- Behler, Earl E., assignor to W. C. Hopson Co., Grand Rapids, Mich. Liquid fuel burner. 1,985,970; Jan. 1.
- Behm, Albert W., Milwaukee, Wis., assignor to E. J. Frye, G. L. Robbins, and C. H. Johnson, copartners doing business as F. R. J. Sales Company, St. Paul, Minn. Ironing board. 2,014,549; Sept. 17.
- Behnke, George W., assignor to Simplicity Engineering Company, Durand, Mich. Disintegrating machine. 2,012,155; Aug. 20.
- Behnke, George W., assignor to Simplicity Engineering Company, Durand, Mich. Apparatus for shaking out chills and castings. 2,020,131; Nov. 5.
- Behnke, Guy E., Oklahoma City, Okla., assignor to Reed Roller Bit Company, Houston, Tex. Roller bit. 1,989,260; Jan. 29.
- Behnke, Guy E., Oklahoma City, Okla., assignor to Reed Roller Bit Company, Houston, Tex. Roller bit. 1,989,261; Jan. 29.
- Behr, Diederich, H. F. C. G., et al. (See Augustin, Ray E., assignor.)
- Behr, Harry C. A. (See Westgate, R. S., and Behr.)
- Behr, Leo, assignor to Leeds & Northrup Company, Philadelphia, Pa. Impedance box. 2,015,651; Oct. 1.
- Behr, Leo, assignor to Leeds & Northrup Company, Philadelphia, Pa. Impedance set. 2,005,986; June 25.
- Behr, Leo, Philadelphia, assignor to Leeds & Northrup Company, Philadelphia, Pa. Measuring apparatus. 2,007,556; July 9.
- Behr-Manning Corporation. (See Crupi, Frank J., assignor.)
- Behr-Manning Corporation. (See Schacht, Elmer C., assignor.)
- Behr, Robert K. (See Jacobus, D. S. and Behr.)
- Behr, Siegfried, Flushing, assignor to Ben Hur Products, Inc., New York, N. Y. Clamping comb. 1,998,699; Apr. 23.
- Behrend, Alexander S., Nutley, N. J. Christmas tree ornamentation. 1,992,930; Mar. 5.
- Behrend, Jerome, et al. (See Collier, Claude, assignor.)
- Behrendt, Werner, Lugano, Switzerland. Appliance for unwinding pack thread or the like. 1,993,643; Mar. 5.
- Behrens, Carl, Alfred-on-the-Leine, Germany. Manufacture of boots and shoes. 1,996,270; Apr. 2.
- Behringer, Emil, Richmond Hill, N. Y. Heat exchanger for liquids. 1,985,913; Jan. 1.
- Behringer, Emil, Richmond Hill, N. Y. Necktie stretcher and drier. 1,986,386; Jan. 1.
- Behringer, Grover F., assignor to The American Steel Package Company, Defiance, Ohio. Multiple vernier adjusting mechanism for variable condensers. 1,993,820; Mar. 12.
- Behrman, A. S., trustee. (See Behrman, Abraham S., assignor.)
- Behrman, Abraham S., assignor to A. S. Behrman, trustee of Porous Rubber Products Trust, Chicago, Ill. Porous separator. 2,004,973; June 18.
- Behrman, Alfred H., Baraboo, and F. H. Avers, Portage, assignors to George H. Sinclair, Juneau County, Wis. Game. 2,020,929; Nov. 12.
- Behrman, Marcus B., assignor to American Safety Razor Corporation, Brooklyn, N. Y. Double edged safety razor. 2,010,053; Aug. 6.
- Behrman, Marcus B., assignor to Lox Seal Corporation, Brooklyn, N. Y. Pile wire. 2,019,067; Oct. 29.
- Behrman, Solomon A., Los Angeles, Calif. Safety razor blade stropping holder. 1,993,731; Mar. 12.
- Behrsing, David. (See Godshalk, C. A., and Behrsing.)
- Belch, Albert J., Camden, N. J. Connecting belts. 2,020,601; Nov. 12.
- Belchel, Hugo F. (See Smith, H. J., Belchel, Smith, and Potter.)
- Beldler, George C., Rochester, N. Y. Photographing apparatus. 2,021,884; Nov. 26.
- Beldler, George C., Rochester, N. Y. Apparatus for treating photographic film. 2,025,371; Dec. 24.
- Belersdorf, Hans, Berlin-Dahlem, Germany. Door tension device for motor vehicles. 2,012,093; Aug. 20.
- Belersdorf, P., & Co. Inc. (See Legerlotz, Helmut, assignor.)
- Belger, John W., assignor to The Carrom Company, Ludington, Mich. Brace for folding table legs. 1,987,767; Jan. 15.
- Belger, John W., assignor to The Carrom Company, Ludington, Mich. Table top. 1,987,768; Jan. 15.
- Belger, John W., assignor to The Carrom Company, Ludington, Mich. Brace for folding table legs. 2,022,399; Nov. 26.

- Beimann, Wilhelm, Bochum, Germany. Liquid seal for collecting mains of distillation ovens or the like. 2,004,266; June 11.
- Beimann, Wilhelm, and J. Hagenbeck, Bochum, Germany. Hurdle washer. 2,003,271; May 28.
- Beisel, Albert L., Shohola, Pa. Chair leg rest. 2,020,230; Nov. 5.
- Beisser, Charlotte A. (See Beisser, Georg.)
- Beisser, Georg, deceased, Rahstedt, near Hamburg, Germany, C. A. Beisser, widow and sole heir of H. G. Beisser. Preserving material of animal origin. 1,994,459; Mar. 19.
- Beitman, Albert B., Cleveland Heights, Ohio. Windshield. 1,988,412; Jan. 15.
- Beitman, Paul H., Poland, Ohio. Molten metal displacement device. 2,022,334; Nov. 26.
- Beito, Rangvald C., Terrace, Minn. Doorlatch. 2,003,731; June 4.
- Beltz, Henry C., Peoria, Ill. Kindler. 2,018,509; Oct. 22.
- Beja, Maurice, Salindres, assignor to Compagnie de Produits Chimiques et Electrometallurgiques Alais Froges et Camargue, Paris, France. Obtaining of solutions of beryllium fluoride from double fluoride of beryllium and of an alkali metal. 1,992,854; Feb. 26.
- Bejorklund, Vera, Executrix. (See Seese, William.)
- Belaef, Nikolai, assignor to E. Macleod, F. A. Morrison, C. Macleod, L. Soule, and S. A. Sargent, Jr., trustees, doing business as Mason-Neilan Regulator Company, Boston, Mass. Multiple pen recorder. 2,002,686; May 28.
- Béland, Théophile, assignor of one-half to C. Boulanger, St.-Alexis des Monts, Quebec, Canada. Game apparatus. 1,998,153; Apr. 16.
- Belanger, Joseph, and E. Durnin, Escanaba, Mich. Conduit valve for paper pulp lines and the like. 1,995,561; Mar. 26.
- Belas, Francis T. (See Taylor, R., Belas, and McClew.)
- Belber, Aaron S., Woodbury, N. J. Traveling bag. 2,002,878; May 28.
- Belcher, Daniel, assignor to Bemis Bro. Bag Co., Minneapolis, Minn. Bag closing and sealing machine. 1,989,471; Jan. 29.
- Belcher, Daniel, and B. R. Stetson, assignors to Bemis Bro. Bag Co., Minneapolis, Minn. Apparatus for compacting material in containers. 1,995,271; Mar. 19.
- Belcher, Walter E., Seattle, Wash. Electric iron. 2,008,484; July 16.
- Belcher, Warren J., West Hartford, assignor to The Whitney Mfg. Co., Hartford, Conn. Chain. 1,995,112; Mar. 19.
- Beldam, William R., London, England. Filtering or straining apparatus. 2,015,467; Sept. 24.
- Belden, Albert G., and R. A. Cole, assignors to Norton Company, Worcester, Mass. Caliper controlled grinding machine. 2,003,334; June 4.
- Belden, Albert G., and H. A. Silven, assignors to Norton Company, Worcester, Mass. Hydraulically operated automatic cam grinding machine. 2,022,178; Nov. 26.
- Belden, Albert G., and H. A. Silven, assignors to Norton Company, Worcester, Mass. Grinding wheel feeding mechanism. 2,022,646; Dec. 3.
- Belden, Don A., assignor to The Baker-McMillen Company, Akron, Ohio. Knob or handle construction. 2,002,466; May 21.
- Belden, Edward H., Detroit, Mich. Compressor. 1,992,348; Feb. 26.
- Belden, Edward H., Detroit, Mich. Device for unloading compressors. 1,998,604; Apr. 23.
- Belden, Edward H., Detroit, Mich. Rotary compressor. 2,004,920; June 18.
- Belden, James E., et al. (See Rogers, Thomas E., assignor.)
- Belden Manufacturing Company. (See Wermine, Hugo H., assignor.)
- Beldin, Claude S., Yeadon, assignor to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Rubber lined metal barrel. 2,025,932; Dec. 31.
- Belding, Guy A., Geneva, Ohio. Windmill. 2,015,777; Oct. 1.
- Belding, Harvey R., Vandergrift, Pa. assignor to American Sheet and Tin Plate Company. Stopper rod for ladles. 2,005,311; June 18.
- Belford, Richard, Lenox, Mass. Gathering device. 1,993,314; Mar. 5.
- Belgard, Austin B. (See Braucht, F. A., and Belgard.)
- Belgard-Spero, Inc. (See Braucht, Frederick A., assignor.)
- Belgard-Spero, Inc. (See Braucht, F. A., and Belgard, assignors.)
- Belgeri, Mario J., and T. F. A. Unland, St. Louis, Mo. Nonrefillable bottle. 2,024,843; Dec. 17.
- Belk, Trannie C., Camden, S. C. Food carrying tray. 2,011,996; Aug. 20.
- Belknap, John H., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic weighing machine. 2,011,608; Aug. 20.
- Belknap, William L., Stratford, Conn. Device for flaring pipe. 2,016,795; Oct. 8.
- Bell, Alfred B., Philadelphia, Pa. assignor, by mesne assignments, to Heywood-Wakefield Company, Gardner, Mass. Reclining seat. 2,018,828; Oct. 29.
- Bell Cap Company. (See Klein, Robert, assignor.)
- Bell, Earl B., Brooklyn, N. Y. Swimming glove. 2,004,684; June 11.
- Bell, Edward J., Chicago, Ill. Heating system. 2,006,193; June 25.
- Bell, Frank B., assignor to Edgewater Steel Company, Pittsburgh, Pa. Rolling rings. 1,991,486; Feb. 19.
- Bell, Frank B., assignor to Edgewater Steel Company, Pittsburgh, Pa. Wheel. 1,993,430; Mar. 5.
- Bell, Frank S., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus and method for forming caps for receptacles. 2,022,949; Dec. 3.
- Bell, Godfrey. (See Shehan, W. E., and Bell.)
- Bell & Gossett Company. (See Johnson, Forrest A., assignor.)
- Bell, Harold W. (See Isaacs, Silas, assignor.)
- Bell, Harry A., et al. (See Luce, William A., assignor.)
- Bell, Harvey W., Ardsley-on-the-Hudson, N. Y. Vehicle. 1,989,733; Feb. 5.
- Bell, Harvey W., assignor to Hurlbut-Bell Company, Chattanooga, Tenn. Yarn and making the same. 1,996,318; Apr. 2.
- Bell & Howell Company, The. (See Howell, Albert S., assignor.)
- Bell & Howell Company, The. (See Mayer, Edwin G., assignor.)
- Bell, James, Edmonton, Alberta, Canada. Copyholder. 1,990,770; Feb. 12.
- Bell, James C., Joliet, Ill. Loading device. 2,020,231; Nov. 5.
- Bell, James H. (See Dinley, Clarence F., assignor.)
- Bell, John M., Chester, S. C. Viscosimeter. 1,997,960; Apr. 16.
- Bell, John M., Chester, S. C. Viscosimeter. 2,026,297; Dec. 31.
- Bell, John W., Chicago, Ill. Rotor for measuring dispensers. 1,987,319; Jan. 8.
- Bell, Kenneth E., Marblehead, assignor to A. C. Lawrence Leather Company, Boston, Mass. Embossed leather and producing the same. 2,017,453; Oct. 15.
- Bell, Leon M., Portsmouth, Ohio. Securing bungs in metallic containers. 1,992,855; Feb. 26.
- Bell, Lionel R., Rochester, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Camera. 2,005,818; June 25.
- Bell, Margaret R., Great Falls, Mont. Hair winding device. 2,003,280; June 4.
- Bell Punch Company. (See Black, H. D., and Webb, assignors.)
- Bell Punch Company Limited. (See Webb, Christopher F., assignor.)
- Bell, Robert A., Montclair, assignor to The Rajah Company, Bloomfield, N. J. Terminal connector. 2,020,819; Nov. 12.
- Bell, Robert A., Montclair, assignor to The Rajah Company, Bloomfield, N. J. Connector. 2,026,490; Dec. 31.
- Bell, Robert A., Montclair, N. J., assignor to The Rajah Company, Bloomfield, N. J. Electrical connector. 2,024,814; Dec. 17.
- Bell Telephone Laboratories, Incorporated. (See Aiken, Charles B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Allen, L. H., and Massoneau, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Atkins, George B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Augustadt, Herbert W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Baker, Carl I., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Barnes, George W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Barney, Harold L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Baumfalk, John, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Becker, Joseph A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Betts, Walter L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bielling, C. A., and Mason, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Bierstedt, G. C., and Mills, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Bjornson, Bjorn G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bjornson, B. G., and Greenwood, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Black, Harold S., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Black, Knox C., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Blake, H. A., and Schmitt, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Blattner, David G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bode, Hendrik W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bostwick, Lee G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bouman, Bernhard M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bowne, Langford J., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bozorth, R. M., and Dillinger, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Buckley, O. E., and Jacobs, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Burton, Everett T., assignor.)

- Bell Telephone Laboratories, Incorporated. (See Butz, Edward D., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Butz, E. D., and Koechling, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Callahan, Vincent T., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Carpenter, Warren W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Carpenter, W. W., and Clark, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Carr, James A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Casper, William L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Clark, James E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Clark, E. H., and Scudder, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Clarke, C. A., and Elmer, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Coy, J. A., and Rommes, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Cox, Leslie R., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Crusier, Victor I., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Curran, Stanley T., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Dahl, Jack F., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Darlington, Sidney, assignor.)
 Bell Telephone Laboratories, Incorporated. (See de Coutouly, Gustave C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Denzler, Arthur H., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Dimond, Thomas L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Doba, Stephen, Jr., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Dowd, Andrew D., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Dudley, Homer W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Dunham, Bert G., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Englund, Carl R., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Erickson, John R., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Evans, William A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Fay, Clifford E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Fisher, Harold J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Flanders, Paul B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Friis, Harold T., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Fullerton, William O., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Ganz, Albert G., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Gent, Edgar W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Glertsen, O. N., and Hampton, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Gilbert, John J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Gilbert, J. J., and Malm, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Given, Frederick J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Glunt, Omer M., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Goff, Harold W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Goodall, William M., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Gooderham, J. W., Budenbom, and Johnson, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Goodrum, Charles L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Gordon, Chester S., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Gray, Alvin N., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Gray, A. N., and Kemp, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Gray, Frank, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Green, Charles W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Green, C. W., and Black, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Greig, John W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Grossman, Alexander J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hale, D. A. S., and Ronci, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Hampton, Leon N., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hampton, L. N., and Smith, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Hampton, L. N., and Van Inwagen, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Harris, Henry J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Harris, James E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Harrison, Henry C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hartley, Ralph V. L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hearn, Richard B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Henning, Harley A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hersey, Ralph E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hickman, Clarence N., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hickman, C. N., and Wentz, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Horton, Joseph W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hovland, Henry, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hoyt, Frederick A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hunt, Franklin L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Ingman, J. H., and Mueller, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Ives, Herbert E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Van Inwagen, Charles L., Jr., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Jackson, John K., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Jacobs, Oliver B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Jensen, Axel G., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Jones, Edward H., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Kalin, Walter, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Keller, Arthur C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Keller, A. C., and Rafuse, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Kelsall, George A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Kelsay, Le Roy W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See King, Douglas H., assignor.)
 Bell Telephone Laboratories, Inc. (See King, Gerald V., assignor.)
 Bell Telephone Laboratories, Incorporated. (See King, John H., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Kinkead, Fullerton S., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Kinkead, F. S., and Corwin, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Kinkead, F. S., and Locke, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Kleinfelder, Walter C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Knoop, William A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Koerner, Lawrence F., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Kohman, Girard T., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Laico, Joseph P., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Legg, Victor E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Legg, V. E., Peterson, and Wrathall, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Locke, George A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Logan, Mason A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Lum, George R., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Lutomirski, Karel, assignor.)
 Bell Telephone Laboratories, Incorporated. (See MacNair, Walter A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See MacPherson, Hugh D., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mallina, Rudolph F., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Malm, Frank S., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Malone, William F., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Marrison, Warren A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Martin, John J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mathes, Robert C., assignor.)

- Bell Telephone Laboratories, Incorporated. (See May, David T., assignor.)
 Bell Telephone Laboratories, Incorporated. (See McKim, James B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See McMurtry, Fred R., assignor.)
 Bell Telephone Laboratories, Incorporated. (See McNally, James O., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Meacham, Larned A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mead, Edward D., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Meszar, John, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Meyers, Stanley T., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Miller, Ohmer R., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Miller, Robert A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mills, Percy E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Morton, Edmund R., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mortimer, Louis A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mottram, Elliott T., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Murphy, Orlando J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Nebel, Charles N., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Newsum, James B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Niemann, Arthur W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Nordahl, John G., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Norman, Nathaniel C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Norton, Edward L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Norwine, Andrew C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Ogg, Robert A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Ohl, Russell S., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Olpin, Albert R., assignor.)
 Bell Telephone Laboratories, Incorporated. (See O'Neil, H. T., and Dunn, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Patterson, Everett M., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Peek, Robert L., Jr., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Perreault, George E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Peterson, Eugene, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Power, James R., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Prescott, Charles H., Jr., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Pruden, Harold M., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Quarles, Donald A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Relustra, Albert R., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Rettenmeyer, Francis X., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Reynolds, John N., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Riesz, Robert R., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Ring, Douglas H., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Robertson, Donald D., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Rockwood, G. H., Jr., and Lodge, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Rodgers, Karl F., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Ronci, Victor L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Ronci, V. L., and Elbert, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Ronci, V. L., Wilson, and Depew, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Russell, Alexander G., assignor.)
 Bell Telephone Laboratories, Incorporated. (See St. John, Everett, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Samuel, Arthur L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Saul, George N., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Schumacher, E. E., and Reuton, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Shellen, John C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Shiel, J. B., and Lang, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Siegmund, Humphreys O., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Smalley, Merwin N., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Smith, Leo F., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Smith, L. T., and Thuras, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Smythe, Edwin H., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Sofee, Robert O., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Sole, John H., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Steinberg, John C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Sterba, Ernest J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Stillwell, Albert L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Stockfleth, Sigurd J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Stoller, Hugh M., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Stoller, H. M., and Morton, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Strickler, Walter B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Strieby, Maurice E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Swickard, Andrew E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Terry, Roy V., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Thuras, Albert L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Toomey, J. F., and Hogan, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Ulrich, Horace W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Vroom, Edward, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Wadsworth, P. W., assignor, and Taylor.)
 Bell Telephone Laboratories, Incorporated. (See Walker, Albert C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Walsh, John G., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Walter, Orville L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Warren, William B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Weinert, Howard W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Wentz, Edward C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Wentz, Jesse F., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Werring, W. W., and Huxham, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Wheeler, Clyde H., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Williams, Samuel B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Wise, Raymond O., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Wurmser, Alphon V., assignor.)
 Bell, William D., Birmingham, Ala. Continuous blow down device. 1,998,700; Apr. 23.
 Bell, William M., Portsmouth, Ohio, assignor to Wheeling Steel Corporation, Wheeling, W. Va. Welding wire. 1,986,618; Jan. 1.
 Bell, William O., assignor to R. H. Loomis, Chicago, Ill. Apparatus for obtaining variable spacing for typewriters and the like. 2,011,887; Aug. 20.
 Bellamy, John I. (See Hulise, H. H., Bellamy, Richardson and Lesh.)
 Bellamy, John I., Brookfield, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Radio apparatus. 1,992,599; Feb. 26.
 Bellamy, William D., assignor of one-half to O. T. Brightwell, Henderson, Tex. Automobile bumper. 1,995,088; Mar. 19.
 Bellanca, Giuseppe M., New Castle, Del. Seaplane construction. 1,995,089; Mar. 19.
 Bellanca, Giuseppe M., New Castle, Del. Convertible airplane. 1,995,090; Mar. 19.
 Bellanca, Giuseppe M., New Castle, Del. Airplane. 2,014,366; Sept. 17.
 Beller, Hans, Ludwigshafen-on-the-Rhine, and H. Schuette, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of assistants for the textile and related industries. 2,020,453; Nov. 12.
 Beller, Samuel, Waltham, Mass., assignor to O. B. Andrews Company, Chattanooga, Tenn. Bread band. 1,993,355; Mar. 5.
 Bellinger, George B., assignor of one-fourth to Birdsall E. Blanchard, Green Bay, Wis. Telephone and call system. 1,987,320; Jan. 8.
 Bellis Devices Corporation. (See Bellis, Joseph, assignor.)
 Bellis, Joseph, assignor to Bellis Devices Corporation, St. Paul, Minn. Automobile control mechanism. 1,986,461; Jan. 1.

- Belliveau, Alfred H. (See Hershey, H. E. and Belliveau.)
 Belliveau, Alfred H., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Recording system. 1,993,870; Mar. 12.
- Belloc, Maurice, assignor to Societe Nobel Francaise, Paris, France. Preparation of condensation products. 1,990,399; Feb. 5.
- Belluche, Elmer W. and F. R., assignors to Christensen Machine Company, Racine, Wis. Sheet feeder. 1,997,850; Apr. 16.
- Belluche, Frank R. (See Belluche, Elmer W. and F. R.)
 Belluche, Frank R., assignor to Christensen Machine Company, Racine, Wis. Sheet feeder. 2,016,479; Oct. 8.
- Belluche, Frank R., assignor to Christensen Machine Company, Racine, Wis. Sheet gripping device. 2,024,140; Dec. 17.
- Belluzzo, Giuseppe, Rome, Italy. Steam turbine for naval propulsion. 2,009,307; July 23.
- Belmont Iron Works. (See Mitchell, John A., assignor.)
- Bělohlávek, Bruno, Vítkovice, Czechoslovakia. Safeguarding of superheaters. 1,992,115; Feb. 19.
- Beloit Iron Works. (See Berry, Earl E., assignor.)
- Beloit Iron Works. (See Dundore, Marvin W., assignor.)
- Below, Fritz, Rahnitz-Hellerau, near Dresden, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electron tube. 2,021,764; Nov. 19.
- Belshaw, Charles F., Indianapolis, Ind. Refrigerator. 2,002,305; May 21.
- Belshaw, Charles F., assignor to The Coolerator Company, Duluth, Minn. Refrigerator. 2,013,263; Sept. 3.
- Belter, James, St. Louis, Mo. Hydropneumatic power plant. 2,025,083; Dec. 24.
- Beltram, Peter, Cullom, Ill. Cooking appliance. 1,989,224; Jan. 29.
- Beltz, John S. (See Becker, S. T., and Beltz.)
- Bem, Joseph P., Oakland, assignor to Pacific Machinery Company, San Francisco, Calif. Fruit coring machine. 2,007,558; July 9.
- Bemborg, Otto E., Paris, France. Automatic aerodynamic stabilizer for airplanes. 2,007,106; July 2.
- Bemis, Arthur S., St. Marys, Pa., assignor to Speer Carbon Company. Impregnating carbonaceous brushes with abrasive material. 1,991,487; Feb. 19.
- Bemis Bro. Bag Co. (See Belcher, Daniel, assignor.)
- Bemis Bro. Bag Co. (See Belcher, D., and Stetson, assignors.)
- Bemis Bro. Bag Co. (See Brady, Charles V., assignor.)
- Bemis Bro. Bag Co. (See Brady, C. V., and Linda, assignors.)
- Bemis Industries, Incorporated. (See Brown, H. W., and Taylor, assignors.)
- Bemis, Kenneth E., San Francisco, Calif. Pedestal. 2,024,330; Dec. 17.
- Bemis, Waldo E., Forest Hills, N. Y. Apparatus for making ice. 2,025,711; Dec. 31.
- Benade, Walther, Dessau in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Orthohydroxyazo dyes. 2,001,010; May 14.
- Benander, George B., Yalesville, Conn., assignor to The Monowatt Electric Corporation. Attachment plug cap. 1,992,806; Feb. 26.
- Benander, George B., Yalesville, Conn., assignor to The Monowatt Electric Corporation. Lamp socket and current tap. 1,995,879; Mar. 26.
- Benbow, James D., assignor, by mesne assignments, to Western-Austin Company, Aurora, Ill. Stub axle mounting for wagons. 1,986,387; Jan. 1.
- Benbow, James D., and D. A. Palmer, assignor, by mesne assignments, to Western-Austin Company, Aurora, Ill. Controlling mechanism for vehicle dump doors. 2,005,727; June 25.
- Benda, Louis, Frankfurt-on-the-Main, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Stable aqueous solutions of basic organic dye-stuffs and sulphonated dyestuffs and preparing them. 1,999,750; Apr. 30.
- Bender, Charles, Brooklyn, assignor, by mesne assignments, to Sanben Corporation, New York, N. Y. Dipping rack. 1,988,681; Jan. 22.
- Bender, Charles, and T. Hanon, Brooklyn, N. Y. Checking tag. 2,022,269; Nov. 26.
- Bender, Charles and T. Hanon, Brooklyn, N. Y. Sealable tag. 2,022,270; Nov. 26.
- Bender, Edward G., New York, N. Y. Vacuum mop. 1,992,986; Mar. 5.
- Bender, Harry. (See Hirschkind, W., Ramage, and Bender.)
- Bender, Harry, Concord, Calif., assignor to Great Western Electro-Chemical Company, San Francisco, Calif. Chlorination. 2,010,841; Aug. 13.
- Bender, Raymond C. (See Supplee, G. C., Flanagan, and Bender.)
- Bender, Robert C., Davenport, Iowa. Returnable shipping container. 2,002,625; May 28.
- Bender, Sydney E., Brooklyn, N. Y. Perforated sample card. 2,014,715; Sept. 17.
- Bender, Sydney E., New York, N. Y. Padded sample card. 2,022,072; Nov. 26.
- Bendix Aviation Corporation. (See Andres, William J., assignor.)
- Bendix Aviation Corporation. (See Barford, Frederik, assignor.)
- Bendix Aviation Corporation. (See Bendix, Vincent, assignor.)
- Bendix Aviation Corporation. (See Blake, K. R., and Hill, assignors.)
- Bendix Aviation Corporation. (See Bragg, Caleb S., assignor.)
- Bendix Aviation Corporation. (See Carbonara, Victor E., assignor.)
- Bendix Aviation Corporation. (See Carroll, Eugene G., assignor.)
- Bendix Aviation Corporation. (See Chandler, Milton E., assignor.)
- Bendix Aviation Corporation. (See Clark, Herbert, assignor.)
- Bendix Aviation Corporation. (See Dodge, Adiel Y., assignor.)
- Bendix Aviation Corporation. (See Edelen, James L., assignor.)
- Bendix Aviation Corporation. (See Frank, Frederick C., assignor.)
- Bendix Aviation Corporation. (See Hall, Percy E., assignor.)
- Bendix Aviation Corporation. (See Hunt, Scott F., assignor.)
- Bendix Aviation Corporation. (See Hurley, Roy T., assignor.)
- Bendix Aviation Corporation. (See James, William S., assignor.)
- Bendix Aviation Corporation. (See Kliesrath, Victor W., assignor.)
- Bendix Aviation Corporation. (See Koch, P. W., and Carbonara, assignors.)
- Bendix Aviation Corporation. (See LaBrie, Ludger E., assignor.)
- Bendix Aviation Corporation. (See McConkey, Montgomery W., assignor.)
- Bendix Aviation Corporation. (See Nordberg, Olof G., assignor.)
- Bendix Aviation Corporation. (See Nowosielski, Edward B., assignor.)
- Bendix Aviation Corporation. (See Price, Harold W., and E. R., assignors.)
- Bendix Aviation Corporation. (See Reichel, Wladimir A., assignor.)
- Bendix Aviation Corporation. (See Reichel, W. A., and Weber, assignors.)
- Bendix Aviation Corporation. (See Robbins, Azor D., assignor.)
- Bendix Aviation Corporation. (See Roth, Harris C., assignor.)
- Bendix Aviation Corporation. (See Sanford, Roy S., assignor.)
- Bendix Aviation Corporation. (See Sanford, R. S., and Breese, assignors.)
- Bendix Aviation Corporation. (See Semmes, Harry H., assignor.)
- Bendix Aviation Corporation. (See Semmes, H. H., and McConkey, assignors.)
- Bendix Aviation Corporation. (See Seward, Clarence L., Jr., assignor.)
- Bendix Aviation Corporation. (See Smith, Marshall A., Jr., assignor.)
- Bendix Aviation Corporation. (See Spengler, Walter J., assignor.)
- Bendix Aviation Corporation. (See Spiller, Gerhard, assignor.)
- Bendix Aviation Corporation. (See Stelzer, William, assignor.)
- Bendix Aviation Corporation. (See Streh, R. J., Chappell, and Meagher, assignors.)
- Bendix Aviation Corporation. (See Urfer, Adolf, assignor.)
- Bendix Aviation Corporation. (See Wadsworth, Frank L. O., assignor.)
- Bendix Aviation Corporation. (See Weber, P. F., and Dankau, assignors.)
- Bendix Aviation Corporation. (See Whitworth, Stanley, assignor.)
- Bendix Aviation Corporation. (See Yost, Karl M., assignor.)
- Bendix Brake Company. (See Apple, Vincent G., assignor.)
- Bendix Brake Company. (See Apple, V. G., and Cotterman, assignors.)
- Bendix Brake Company. (See Apple, V. G., and Rauen, assignors.)
- Bendix Brake Company. (See Banning, Thomas A., Jr., assignor.)
- Bendix Brake Company. (See Bendix, Vincent, assignor.)
- Bendix Brake Company. (See Bendix, V., and LaBrie, assignors.)
- Bendix Brake Company. (See Bittner, John, assignor.)
- Bendix Brake Company. (See Carroll, Eugene G., assignor.)
- Bendix Brake Company. (See Cautley, John R., assignor.)
- Bendix Brake Company. (See Chambers, Allen C., assignor.)
- Bendix Brake Company. (See Delahaye, Walter H., assignor.)
- Bendix Brake Company. (See Dodge, Adiel Y., assignor.)
- Bendix Brake Company. (See Fowler, Owen H., assignor.)
- Bendix Brake Company. (See Frank, Frederick C., assignor.)
- Bendix Brake Company. (See Goepfrich, Rudolph A., assignor.)
- Bendix Brake Company. (See Hersot, Lucien, assignor.)
- Bendix Brake Company. (See Hervé, Alexandre, assignor.)

- Bendix Brake Company. (See Kohr, Robert F., assignor.)
 Bendix Brake Company. (See La Brie, Ludger E., assignor.)
 Bendix Brake Company. (See Laddon, I. M., Ring, and Herman, assignors.)
 Bendix Brake Company. (See Linsley, Douglas F., assignor.)
 Bendix Brake Company. (See McCann, George K., assignor.)
 Bendix Brake Company. (See McConkey, Montgomery W., assignor.)
 Bendix Brake Company. (See McConkey, M. W., and La Brie, assignors.)
 Bendix Brake Company. (See Norton, Raymond J., assignor.)
 Bendix Brake Company. (See Parker, Humphrey F., assignor.)
 Bendix Brake Company. (See Parker, H. F., and House, assignors.)
 Bendix Brake Company. (See Rosner, Adolph, assignor.)
 Bendix Brake Company. (See Sanford, Roy S., assignor.)
 Bendix Brake Company. (See Snodgrass, John, assignor.)
 Bendix Brake Company. (See Stelzer, William, assignor.)
 Bendix Brake Company. (See Taylor, Cecil H., assignor.)
 Bendix Brake Company. (See Taylor, Eugene V., assignor.)
 Bendix Brake Company. (See Thomas, George J., assignor.)
 Bendix Brake Company. (See Troutman, Phillip O., assignor.)
 Bendix Brake Company. (See Turgot, Robert C. L. P., assignor.)
 Bendix Brake Company. (See Wells, Franklin H., assignor.)
 Bendix Brake Company. (See Wright, Donald G., assignor.)
 Bendix Cowdrey Brake Tester, Inc. (See Kraft, Harry B., assignor.)
 Bendix-Cowdrey Brake Tester, Inc. (See Norton, Raymond J., assignor.)
 Bendix-Cowdrey Brake Tester, Inc. (See Parks, Frederick W., assignor.)
 Bendix-Cowdrey Brake Tester, Inc. (See Prentiss, Augustin M., assignor.)
 Bendix-Cowdrey Brake Tester, Inc. (See Sanford, Roy S., assignor.)
 Bendix-Cowdrey Brake Tester, Inc. (See Smalley, Lee L., assignor.)
 Bendix Products Corporation. (See Burton, Harry E., assignor.)
 Bendix Products Corporation. (See Gunn, Earl G., assignor.)
 Bendix Products Corporation. (See Heitger, Frank H., assignor.)
 Bendix Products Corporation. (See House, Bryan E., assignor.)
 Bendix Products Corporation. (See Parker-Smith, Augustus, assignor.)
 Bendix Products Corporation. (See Reynolds, Vernon P., assignor.)
 Bendix Products Corporation. (See Tatter, John W., assignor.)
 Bendix Research Corporation. (See Bendix, Vincent, assignor.)
 Bendix Research Corporation. (See Gregg, David, assignor.)
 Bendix Research Corporation. (See Havill, Clinton H., assignor.)
 Bendix Research Corporation. (See Johnson, Carl V., assignor.)
 Bendix Research Corporation. (See Lansing, Raymond F., assignor.)
 Bendix Research Corporation. (See Mock, Frank C., assignor.)
 Bendix Stromberg Carburetor Company. (See Chandler, Milton E., assignor.)
 Bendix Stromberg Carburetor Company. (See Mock, F. C., and Chandler, assignors.)
 Bendix Stromberg Carburetor Company. (See Prentiss, Augustin M., assignor.)
 Bendix Stromberg Carburetor Company. (See Smith, Stuyvesant C., assignor.)
 Bendix, Vincent, Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,996,271; Apr. 2.
 Bendix, Vincent, Chicago, Ill., assignor to Bendix Aviation Corporation, South Bend, Ind. Braking system. 2,006,382; July 2.
 Bendix, Vincent, South Bend, Ind., assignor to Bendix Research Corporation, East Orange, N. J. Making propeller blades. 1,996,850; Apr. 9.
 Bendix, Vincent, Chicago, Ill., and L. E. LaBrie, assignors to Bendix Brake Company, South Bend, Ind. Brake. 2,006,494; July 2.
 Bendix Westinghouse Automotive Air Brake Company. (See Eaton, Wilfred A., assignor.)
 Bendix Westinghouse Automotive Air Brake Company. (See Eaton, W. A., and Vorech, assignors.)
 Bendix Westinghouse Automotive Air Brake Company. (See Johnson, Stephen, Jr., assignor.)
 Bendix-Westinghouse Automotive Air Brake Company. (See Johnson, S. Jr., and Eaton, assignors.)
 Bendix Westinghouse Automotive Air Brake Company. (See Vorech, S., and Johnson, Jr., assignors.)
 Benedek, Elek, Mount Gilead, Ohio. Pump. 2,016,812; Oct. 8.
 Benedek, Elek, assignor to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Pump. 1,990,263; Feb. 6.
 Benedek, Elek, Milwaukee, Wis., assignor to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Pump. 2,006,879; July 2.
 Benedek, Elek, and H. E. MacMillin, assignors to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Hydraulic press. 2,014,162; Sept. 10.
 Benedek, Elek K. (See Ferris, Walter and J. P., Fobian and Benedek.)
 Benedek, Elek K., assignor to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Variable delivery pump or motor. 2,000,271; May 7.
 Benedek, Elek K., assignor to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. High pressure radial piston hydraulic pump or motor. 2,006,880; July 2.
 Benedek, Elek K., Mount Gilead, assignor to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Variable delivery pump or motor. 2,023,216; Dec. 3.
 Benedek, Elek K., assignor to The Hydraulic Press Mfg. Company, Mount Gilead, Ohio. Pump. 2,024,420; Dec. 17.
 Benedetto, Giuseppe, Novara, Italy, assignor to Omec Holding Company Limited, London, England. Making metal road studs. 1,999,077; Apr. 23.
 Benedict, Bernard, Jamaica, N. Y. Process and apparatus for making tubular shells from sheet metal. 1,999,229; Apr. 30.
 Benedict, Frank, Rutherford, N. J., assignor to General Railway Signal Company, Rochester, N. Y. Railway traffic controlling system. 2,026,489; Dec. 31.
 Benedict, Gerard A., New York, N. Y. Washcloth. 2,006,708; July 2.
 Benedict, T. N., Manufacturing Company. (See Gray, Harold P., assignor.)
 Benedict, Wayne L., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 2,014,923; Sept. 17.
 Benedict, Wayne L., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 2,014,924; Sept. 17.
 Benedict, Wayne L., and C. Wirth, 3d, assignors to Universal Products Company, Chicago, Ill. Refinement of cracked hydrocarbon oil. 2,013,399; Sept. 3.
 Benedict, Wayne L., and C. Wirth, 3d, assignors to Universal Oil Products Company, Chicago, Ill. Refining of cracked hydrocarbon distillates. 2,013,400; Sept. 3.
 Benedini, Ezio, Barre, Vt. Stone sawing machine. 2,019,386 Oct. 29.
 Benesh, Matthew R., Cicero, Ill. Dedicated to the People of the United States of America. Apparatus for measuring the flow of a fluid. 2,015,249; Sept. 24.
 Benford, Frank A., Schenectady, N. Y., assignor to General Electric Company. Television scanning apparatus. 2,023,217; Dec. 3.
 Benge, Frank H., Norristown, Pa., assignor to Continental-Diamond Fibre Company, Newark, Del. Manufacturing composite cylindrical articles. 1,996,741; Apr. 9.
 Benge, Frank H., Norristown, Pa., assignor to Continental-Diamond Fibre Company, Newark, Del. Hollow articles, such as pipe fittings and the like, and making the same. 2,003,232; May 28.
 Bengston, Helmer, assignor to Aluminum Colors Incorporated, Indianapolis, Ind. Manufacture of coated aluminum articles. 2,022,798; Dec. 3.
 Benham, Clarence H., et al. (See Connor, George S., assignor.)
 Benham, Wilfrid E. (See Goodchild, F. D., and Benham.)
 Ben Hur Products, Inc. (See Behr, Siegfried, assignor.)
 Benjafield, Walter O., New York, N. Y. Lady's hand bag. 2,003,130; May 28.
 Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Cultivator. 2,008,742; July 23.
 Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Cotton harvester. 2,011,924; Aug. 20.
 Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Tractor corn picker. 2,011,925; Aug. 20.
 Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Planting attachment for tractor cultivators. 2,015,584; Sept. 24.
 Benjamin, Bert R., Oak Park, and O. B. Zimmerman, La Grange, Ill., assignors to International Harvester Company. Method of casting wheels. 1,996,229; Apr. 2.
 Benjamin, Charles S., East Orange, N. J., assignor to General Chemical Company, New York, N. Y. Producing colored salts. 2,015,062; Sept. 24.
 Benjamin Electric Manufacturing Company. (See Benjamin, Reuben B., assignor.)
 Benjamin Electric Manufacturing Company. (See Campbell, Guy, assignor.)
 Benjamin Electric Manufacturing Company. (See Corwin, Raymond W., assignor.)
 Benjamin Electric Mfg. Company. (See Fall, Joseph W., assignor.)

- Benjamin Electric Mfg. Company. (See Vestberg, Vivian L., assignor.)
- Benjamin Electric Mfg. Company. (See Waterbury, John H., assignor.)
- Benjamin Electric Mfg. Company. (See Westberg, Vivian L., assignor.)
- Benjamin, Harry S., Utica, N. Y. Vertical column vending machine. 2,010,911; Aug. 13.
- Benjamin, Reuben B., Chicago, assignor to Benjamin Electric Manufacturing Company, Des Plaines, Ill. Series socket with renewable elements. 2,001,376; May 14.
- Benjamin, Reuben B., Chicago, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Lighting fixture. 2,004,183; June 11.
- Benjamin, Reuben B., Chicago, assignor to Benjamin Electric Manufacturing Company, Des Plaines, Ill. Panel board system. 2,007,174; July 9.
- Benjamin, Reuben B., Chicago, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Fixture hanger. 2,024,331; Dec. 17.
- Benjamin, Victor C., Los Angeles, Calif. Apparatus for clay-treating oils. 1,987,175; Jan. 8.
- Benjinsohn, Samuel, assignor to S. Benson, New York, N. Y. Hinge bracket. 2,001,864; May 21.
- Benkelman, Glen F., Lakewood, assignor to Continental Carbon, Inc., Cleveland, Ohio. Electrical control unit and making same. 1,992,410; Feb. 26.
- Benko, Andrew. (See Spitzer, B. L., and Benko.)
- Benkö, Ivan, Vienna, Austria. Table automatic distributor for goods. 2,019,593; Nov. 5.
- Bennane, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Wheeled toy. 2,019,651; Nov. 5.
- Benner, Harry P., assignor to Universal Oil Products Company, Chicago, Ill. Protecting the inner walls of a vessel. 1,993,500; Mar. 5.
- Benner, Raymond C. (See Ball, A. L., and Benner.)
- Benner, Raymond C. (See Kirchner, H. P., Benner and Melton.)
- Benner, Raymond C. (See Melton, R. L., Benner and Kirchner.)
- Benner, Raymond C., assignor to The Carborundum Company, Niagara Falls, N. Y. Manufacture of artificial grind-stones for pulp grinding. 2,017,228; Oct. 15.
- Benner, Raymond C., H. P. Kirchner, and R. L. Melton, assignors to The Carborundum Company, Niagara Falls, N. Y. Drawing material. 1,992,176; Feb. 26.
- Benner, Raymond C., Niagara Falls, N. Y., and G. H. Porter, Pittsfield, Mass., assignors to The Carborundum Company, Niagara Falls, N. Y. Bond for abrasive articles. 1,993,821; Mar. 12.
- Benner, Raymond C. and H. N. Baumann, Jr., assignors to The Carborundum Company, Niagara Falls, N. Y. Permeable ceramic diaphragm. 1,993,955; Mar. 12.
- Benner, Raymond C., Niagara Falls, A. L. Ball, Lewiston, and H. R. Houchins, Niagara Falls, assignors to The Carborundum Company, Niagara Falls, N. Y. Method of maturing ceramic articles and apparatus therefore. 1,996,851; Apr. 9.
- Benner, Raymond C., and G. J. Easter, Niagara Falls, N. Y., and C. E. Hawke, Metuchen, N. J., assignors to The Carborundum Company, Niagara Falls, N. Y. Electric furnace and operating the same. 1,997,622; Apr. 16.
- Benner, Raymond C., H. P. Kirchner, and R. L. Melton, assignors to The Carborundum Company, Niagara Falls, N. Y. Apparatus for treating fabrics. 2,000,315; May 7.
- Benner, Raymond C., P. H. Walker, and W. G. Soley, assignors to The Carborundum Company, Niagara Falls, N. Y. Method and apparatus for manufacturing articles of bonded granules. 2,003,131; May 28.
- Benner, Raymond C., and H. N. Baumann, Jr., assignors to The Carborundum Company, Niagara Falls, N. Y. Silicon carbide refractory. 2,004,594; June 11.
- Benner, Raymond C., and H. N. Baumann, Jr., Niagara Falls, N. Y., assignors to The Carborundum Company, Niagara Falls, N. Y. Making silicon carbide articles and raw batch therefor. 2,004,595; June 11.
- Benner, Raymond C., G. J. Easter and J. A. Boyer, assignors to The Carborundum Company, Niagara Falls, N. Y. Silicon carbide refractory and the manufacture thereof. 2,015,778; Oct. 1.
- Benner, Raymond C., and H. N. Baumann, Jr., assignors to The Carborundum Company, Niagara Falls, N. Y. Refractory for glass tanks and the like. 2,019,209; Oct. 29.
- Benner, Raymond C., and G. J. Easter, assignors to The Carborundum Company, Niagara Falls, N. Y. Method of and apparatus for producing fused refractory and abrasive materials. 2,021,221; Nov. 19.
- Benner, Russell E., assignor to Remington Rand, Inc., Buffalo, N. Y. Typewriting and like machine. 2,023,507; Dec. 10.
- Benner, Russell E., assignor to Remington Rand, Inc., Buffalo, N. Y. Typewriting and like machine. 2,023,508; Dec. 10.
- Bennett, Albert L. (See Malinovsky, A., and Bennett.)
- Bennett, Arthur F. (See Miner, I. O., and Bennett.)
- Bennett, Charles A., Stoneville, Miss., and G. E. Gaus, Washington, D. C., dedicated to the free use of the Public. Fractionation device and method for employing the same. 2,002,974; May 28.
- Bennett, Charles E., Hawthorne, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric power cable system for the underground transmission of electrical energy. 1,986,789; Jan. 8.
- Bennett, Charles E., Hawthorne, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric power cable. 1,991,368; Feb. 19.
- Bennett, Charles E., assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric cable. 2,015,063; Sept. 24.
- Bennett, Charles G. (See Surry, Anderson, assignor.)
- Bennett, Charles W., Douglaston, assignor to Photo-Cast, Inc., Rochester, N. Y. Preparing a plate for printing purposes. 1,990,925; Feb. 12.
- Bennett, Charles W., Douglaston, assignor to Photo-Cast, Inc., Rochester, N. Y. Universal screen for preparing half-tones. 1,995,958; Mar. 26.
- Bennett, Charles W., Douglaston, assignor to Photo-Cast, Inc., Rochester, N. Y. Photographic developer and preparing the same. 2,018,657; Oct. 29.
- Bennett, Claude C., assignor to A. E. Feragen Inc., Seattle, Wash. Wheel aligning equipment. 1,989,307; Jan. 29.
- Bennett, Claude C., assignor to A. E. Feragen, Inc., Seattle, Wash. King pin gauge. 2,018,910; Oct. 29.
- Bennett, Claude W., and A. Swanson, Whittier, Calif. Self-lubricating bearing. 2,021,400; Nov. 19.
- Bennett, Edward, assignor to Wisconsin Alumni Research Foundation, Madison, Wis. Heating electrically conducting bodies. 2,024,906; Dec. 17.
- Bennett, George E., San Mateo, Calif. Container closure. 1,996,742; Apr. 9.
- Bennett, Harry T., assignor to Mid-Continent Petroleum Corporation, Tulsa, Okla. Dewaxing mineral oils. 1,993,396; Mar. 5.
- Bennett, Harry T., assignor to Mid-Continent Petroleum Corporation, Tulsa, Okla. Manufacturing high viscosity index oils. 2,003,233; May 28.
- Bennett, Harry T., assignor to Mid-Continent Petroleum Corporation, Tulsa, Okla. Producing high viscosity index oils. 2,003,234; May 28.
- Bennett, Harry T., assignor to Mid-Continent Petroleum Corporation, Tulsa, Okla. Manufacturing high viscosity index oils. 2,003,235; May 28.
- Bennett, Harry T., assignor to Mid-Continent Petroleum Corporation, Tulsa, Okla. Producing high viscosity index oils. 2,003,236; May 28.
- Bennett, Harry T., assignor to Mid-Continent Petroleum Corporation, Tulsa, Okla. Treating mineral oils with selective solvents. 2,003,237; May 28.
- Bennett, Harry T., assignor to Mid-Continent Petroleum Corporation, Tulsa, Okla. Separating mineral oils. 2,003,238; May 28.
- Bennett, Harry T., assignor to Mid-Continent Petroleum Corporation, Tulsa, Okla. Separating constituents of mineral oils. 2,003,239; May 28.
- Bennett, Harry T., assignor to Mid-Continent Petroleum Corporation, Tulsa, Okla. Recovering olefine hydrocarbons from gases. 2,026,265; Dec. 31.
- Bennett, Harry T., Tulsa, assignor to Mid-Continent Petroleum Corporation, Tulsa, Okla. Flange oil and making same. 2,026,491; Dec. 31.
- Bennett, Harry T., H. H. Hopkins, and J. R. Marshall, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Treating petroleum. 2,026,492; Dec. 31.
- Bennett, Herbert G. R., Duquesne, Pa. Metal processing machine. 2,005,127; June 18.
- Bennett, Hubert D., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Refrigeration. 2,013,946; Sept. 10.
- Bennett, James G. (See Knickerbocker, G. S., and Rapp, assignors.)
- Bennett, James L., assignor to Hercules Powder Company, Wilmington, Del. Producing anhydrous ammonia. 2,012,621; Aug. 27.
- Bennett, John L., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Broiler and toaster. 1,999,002; Apr. 23.
- Bennett, John L., and S. A. Platt, assignors to U. S. Manufacturing Corporation, Decatur, Ill. Culinary utensil. 2,020,349; Nov. 12.
- Bennett, John L., and S. A. Platt, assignors to U. S. Manufacturing Corporation, Decatur, Ill. Fly swatter. 2,022,615; Nov. 26.
- Bennett, John M., Joliet, Ill. Dredge hoisting apparatus. 2,002,599; May 28.
- Bennett, John W. (See Hale, F. C., and Bennett.)
- Bennett, John W., Oshawa, Ontario, Canada. Combination ignition lock. 1,994,240; Mar. 12.
- Bennett, Joseph S., Bradford, Pa. Gyroscopically controlled directional indicator for aircraft. 1,996,895; Apr. 9.
- Bennett, Joseph S., Bradford, Pa. Caging and resetting means for gyroscopically controlled navigation instruments. 1,996,896; Apr. 9.
- Bennett, Joseph S., Merion, assignor to American Engineering Company, Philadelphia, Pa. Hopper. 1,988,473; Jan. 22.
- Bennett, Joseph S., Merion, assignor to American Engineering Company, Philadelphia, Pa. Furnace grate structure. 2,003,423; June 4.
- Bennett, Joseph S., Merion, assignor to American Engineering Company, Philadelphia, Pa. Ash disposal system. 2,013,680; Sept. 10.

- Bennett, Joseph S., Merion, assignor to American Engineering Company, Philadelphia, Pa. Protective block for the tubes of fluid-cooled furnace walls. 2,023,302; Dec. 3.
- Bennett, Morris H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Electrically heated tool. 1,988,827; Jan. 22.
- Bennett, Oliver H., Jamestown, N. Dak. Toy propeller and top. 2,012,750; Aug. 27.
- Bennett, Owen G., and J. C. W. Frazer, said Bennett assignor to Catalyst Research Corporation, Baltimore, Md. Preparation of catalyst for the hydrogenation of oils. 1,987,660; Jan. 15.
- Bennett Pumps Corporation. (See McGregor, Clarence E., assignor.)
- Bennett, Raisley B. M., LaJolla, Calif. Steering wheel protector. 1,987,599; Jan. 15.
- Bennett, Ralph S., Pittsfield, Mass., assignor to General Electric Company. Cut-out. 2,011,391; Aug. 13.
- Bennett, Ralph S., Pittsfield, Mass., assignor to General Electric Company. Electric switch. 2,025,563; Dec. 24.
- Bennett, Ross G., Fairfield, assignor to Bryant Electric Company, Bridgeport, Conn. Electric wiring device. 1,998,353; Apr. 16.
- Bennett, Roze E., New York, N. Y. Catamenial pad holder. 2,026,158; Dec. 31.
- Bennett, Thomas, Perry, and J. W. Fortenbaugh, Buffalo, assignors to Kaustine Company, Inc., Perry, N. Y. Toilet. 2,011,511; Aug. 13.
- Bennett, Thomas R. (See Quick, C. G., Ball, and Bennett.)
- Bennett, Thomas R. (See Quick, C. G., and Bennett.)
- Bennett, Thomas S., North Attleboro, Mass. Fastening for jewelry. 2,004,779; June 11.
- Bennett, Thomas S., North Attleboro, Mass. Attaching means for ear ornaments. 2,008,382; July 16.
- Bennett, Wilbur R., Maplewood, N. J. Treatment of ferrous metals. 1,997,567; Apr. 16.
- Bennett, William C., New York, N. Y. Apparatus for making button blanks from pearl stock. 2,024,715; Dec. 17.
- Benning, Anthony F. (See Calcott, W. S., and Benning.)
- Bennington, Earl T., Huntsburg, Ohio. Method and apparatus for producing wire. 1,994,187; Mar. 12.
- Benninghoff, William E. (See Wood, W. H., Trautman, and Benninghoff.)
- Benno Schilde Maschinenbau Aktiengesellschaft. (See Klesskalt, Siegfried, assignor.)
- Benoit, Francois P. C., Paris, France. Apparatus for projecting molten pulverized bodies. 1,998,217; Apr. 16.
- Benoit, Leon. (See Brown, A. E., and Vaughan, assignors.)
- Benoit, Leon. (See Coyle, Joseph L., assignor.)
- Benoit, Leon. (See Hale, John P., assignor.)
- Benoit, Leon, Chicago, Ill. Holder for eggs and the like. 1,990,975; Feb. 12.
- Benoit, Leon, Chicago, Ill. Egg carton. 2,000,738; May 7.
- Benoit, Leon, New York, and E. J. Kanabay, Nyack, said Kanabay assignor to said Benoit. Egg carton filler machine. 1,996,188; Apr. 2.
- Benoit, Leon, New York, N. Y. Cellular carton. 2,020,870; Nov. 12.
- Benoit, Leon, and E. J. Kanabay, Chicago, Ill., said Kanabay assignor to said Benoit. Carton setting-up machine. 2,024,201; Dec. 17.
- Benoit, Richard P., Worcester, assignor to McKenzie Engraving Co., Boston, Mass. Reflecting sign. 1,990,518; Feb. 12.
- Bensel, Duryea, New York, N. Y., assignor to Northam Warren Corporation. Tester for finger nail color. 1,990,630; Feb. 12.
- Bensel, Duryea, assignor to H. Mock, New York, N. Y. Blade holder. 2,023,262; Dec. 3.
- Benson, Arthur E., Indian Orchard, assignor to The Fisk Rubber Corporation, Chicopee Falls, Mass. Tire building drum. 2,002,687; May 28.
- Benson, Arthur F., Erie, Pa., assignor to American Meter Company, New York, N. Y. Clock. 2,004,909; June 11.
- Benson, Benjamin H. (See Harris, George S., Jr., assignor.)
- Benson, Bernhart A., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric toaster. 1,987,356; Jan. 8.
- Benson, Emil M., assignor to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass. Sprinkler alarm mechanism. 1,990,264; Feb. 5.
- Benson, Joseph P., Brooklyn, N. Y. Game apparatus. 1,994,977; Mar. 19.
- Benson, Lamont J., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Sterilizing solution. 2,024,755; Dec. 17.
- Benson, Melvin B., New York, N. Y. Reduction gear mechanism. 1,998,891; Apr. 23.
- Benson, Newell B., Baltimore, Md. Sanitary toilet appliance. 2,024,088; Dec. 10.
- Benson, Newell B., Baltimore, Md. Record filing appliance. 2,025,633; Dec. 24.
- Benson, Rex S., Detroit, Mich. Gravity type milking device. 1,992,807; Feb. 26.
- Benson, Rex S., Detroit, Mich. Teat tube. 1,995,051; Mar. 19.
- Benson, Ross L., McPherson, Kans. Doorlock. 2,021,827; Nov. 19.
- Benson, Sarah. (See Benjamins, Samuel, assignor.)
- Bent, Franklin A., and R. W. Millar, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Recovery of alcohols. 2,010,686; Aug. 6.
- Bent, James A., et al. (See Bagley, William H., Jr., assignor.)
- Bent, Leavitt N. (See Borglin, J. N., and Bent.)
- Bentele, Harvey E. W., et al. (See Dolan, Edward F., assignor.)
- Bentley, Bede J. F., Longfield, England. Sifter cap for powder containers. 2,018,050; Oct. 22.
- Bentley, Cecil, Niagara Falls, Ontario, Canada. Racket. 2,000,316; May 7.
- Bentley Engineering Company, The. (See Bentley, P. A., Manger, and Wainwright, assignors.)
- Bentley Engineering Company Limited, The. (See Deans, F. E., and Manger, assignors.)
- Bentley, James B., and M. A., Grand Rapids, Mich. Jar sealer. 2,024,756; Dec. 17.
- Bentley, Jetson O., Castle Point, N. Y., assignor to General Electric Company. Airplane altitude indicating system. 2,011,392; Aug. 13.
- Bentley, Marie A. (See Bentley, James B., and M. A.)
- Bentley, Percival A., C. F. Manger, and C. H. Wainwright, Leicester, England. Circular knitting machine. 1,986,317; Jan. 1.
- Bentley, Percival A., C. F. Manger, and C. H. Wainwright, assignors to The Bentley Engineering Company, Limited, Leicester, England. Circular knitting machine. 2,023,633; Dec. 10.
- Bentley, Stanley J. (See Schwerin, A. A., and Bentley.)
- Bentley, William H., Wallasey and B. Catlow, Oswaldtwistle, England, assignors to William Blythe and Company Limited, Holland Bank Chemical Works, England. Treatment of toluidine bases. 2,009,757; July 30.
- Benton & Stone Limited. (See Heath, Albert R. N., assignor.)
- Bentz, Albert R., assignor to Singer Manufacturing Company, Toledo, Ohio. Automatic pin setter for bowling alleys. 2,017,143; Oct. 15.
- Bentzel, Carl E., Vicksburg, Miss. Velocity tube. 2,009,427; July 30.
- Bentzen, Max T., assignor to General Metalware Company, Minneapolis, Minn. Multiple outlet spout. 2,012,846; Aug. 27.
- Benz, Carl V. (See Conover, C. Smith and Benz.)
- Benzee, Karl A., Toledo, Ohio, assignor of one-half to B. A. Keller, Palmyra, Mich. Latch bolt operating and locking mechanism. 2,007,672; July 9.
- Benzenberg, Rudolf, New York, N. Y. Window construction. 2,026,119; Dec. 31.
- Benzing, Hugo, assignor to Aktiengesellschaft vorm. Seidel & Naumann, Dresden, Germany. Margin-regulating stop. 1,987,523; Jan. 8.
- Benzing, Hugo, assignor to Aktiengesellschaft vorm. Seidel & Naumann, Dresden, Germany. Shift mechanism. 2,008,383; July 16.
- Benzing, Hugo, assignor to Aktiengesellschaft vorm. Seidel & Naumann, Dresden, Germany. Type bar actuating means. 2,008,384; July 16.
- Benzing, Hugo, assignor to Aktiengesellschaft vorm. Seidel & Naumann, Dresden, Germany. Locking disk. 2,026,454; Dec. 31.
- Benzinger, Julius, Queens Village, N. Y., assignor to The Griscom-Russell Company, New York, N. Y. Heat exchanger. 2,004,390; June 11.
- Beolchi, Joseph. (See Horowitz, L., and Beolchi.)
- Beppo, Inc. (See Willeke, Renz, assignor.)
- Beplate, Viktor, and P. Brauer, Sydowsaue, near Stettin, Germany, assignors to North American Rayon Corporation. Skein drying. 2,011,792; Aug. 20.
- Beran, Charles F., Tuckahoe, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Mixing and kneading machine. 1,989,126; Jan. 29.
- Berch, Michael, Seattle, Wash. Lamp. 2,024,562; Dec. 17.
- Berchet, Gerard J. (See Carothers, W. H., and Berchet.)
- Berchet, Gerard J. (See Carothers, W. H., Berchet, and Jacobson.)
- Berchman, Henri I., New York, N. Y. Cooking utensil. 1,993,356; Mar. 5.
- Berchold, Margit, née Pick, Firenze, Italy. Manufacturing blue glazed ceramic articles. 1,991,918; Feb. 19.
- Berchule, John A., Detroit, Mich. Handle attachment for liquid or powder-containing cans. 2,005,528; June 18.
- Berdan, Kenneth D., assignor to Michigan Electrotape and Stereotype Company, Detroit, Mich. Package. 2,005,967; June 25.
- Beregow, Alex, Norwalk, Conn. Fishing device. 2,014,517; Sept. 17.
- Bereit, Edwin W., Mentor, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Brake. 1,997,623; Apr. 16.
- Bereit, Otto P., assignor to The Defiance Pressed Steel Company, Defiance, Ohio. Fastening means for cases. 1,997,624; Apr. 16.
- Berejkoff, Anatole P., Schenectady, N. Y., assignor to General Electric Company. Interpolating device. 2,001,565; May 14.
- Berendt, Alfred, New York, N. Y. Button fastener. 1,988,233; Jan. 15.
- Berendt, Alfred, New York, N. Y. Measuring stopper for bottles. 2,017,839; Oct. 22.
- Berg, Alfred J., Portsmouth, N. H. Heat exchanger element. 2,025,036; Dec. 24.

- Berens, Conrad, New York, N. Y., assignor to Ophthalmological Foundation, Inc. Ophthalmic ergograph. 2,009,158; July 23.
- Berg, Carrie, et al. (See Batky, Frank, assignor.)
- Berg, Charles E., Watertown, N. Y. Ash receiver. 2,019,388; Oct. 29.
- Berg, Ernest R. (See Keyesawetter, Irving A., assignor.)
- Berg, Frederick A., Chicago, Ill. High intensity multiple automatic arc lamp. 2,003,675; June 4.
- Berg, Henry, et al. (See Batky, Frank, assignor.)
- Berg, Herman, assignor to The Kelley Reamer Company, Cleveland, Ohio. Boring bar tool support. 2,021,349; Nov. 19.
- Berg, John, Chicago, and R. M. Lindsay, Oak Park, assignors by mesne assignments to J. H. Lee, River Forest, Ill. Ignition device. 2,006,341; July 2.
- Berg, Olav, deceased, Paterson, M. Imhoff, Clifton, and O. E. Heiberg, Hawthorne, N. J.; said Heiberg assignor to said Berg and said Imhoff; A. Catalane and W. W. Evans, executors of said Olav Berg. Weighting fibers and the product thereof. 1,990,449; Feb. 5.
- Berg, Olav, deceased, Paterson, M. Imhoff, Clifton, and O. E. Heiberg, Hawthorne, N. J.; said Heiberg assignor to said Berg and said Imhoff; A. Catalane and W. W. Evans, executors of said Olav Berg. Weighting fibers and the product thereof. 1,990,450; Feb. 5.
- Berg, Richard O., and S. Berg, assignors to Michigan Steel Tube Products Company, Detroit, Mich. Exhaust conduit and muffler for an automotive vehicle. 1,993,397; Mar. 5.
- Berg, Simon. (See Berg, Richard O., and S.)
- Berg, Victor H., assignor to Morrison & Company, San Francisco, Calif. Wall flashing. 2,021,883; Nov. 26.
- Berg, Wilhelm, Bielefeld, Germany. Motor operated chuck for lathes and other machine tools. 2,006,621; July 2.
- Berg, William M., New York, N. Y. Irrigation apparatus. 2,007,069; July 2.
- Bergaud, Felicie E. A. W., Paris, France. Bottle and stopper assembly. 2,020,095; Nov. 5.
- Bergdolt, Alfred, Cologne-on-the-Rhine, and F. Ballauf, Cologne-Mulheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Hydroxy fluoranthenes. 1,990,018; Feb. 5.
- Berge, Joseph. (See Vail, E. L., and Berge.)
- Bergé, Julien, assignor to Raffinerie Tirlemontoise, Societe Anonyme, Tirlemont, Belgium. Process and apparatus for centrifuging. 1,986,245; Jan. 1.
- Bergé, Julien, assignor to Raffinerie Tirlemontoise Societe Anonyme, Tirlemont, Belgium. Diffusion. 2,004,184; June 11.
- Bergé, Julien, assignor to Raffinerie Tirlemontoise Societe Anonyme, Tirlemont, Belgium. Apparatus for diffusion. 2,012,298; Aug. 27.
- Bergeim, Frank H., Leonia, N. J., assignor to The Barrett Company, New York, N. Y. Rubber composition and making the same. 2,001,176; May 14.
- Bergell, Clemens, Berlin-Steglitz, Germany. Process and apparatus for distilling or expelling volatile constituents from liquids. 1,996,852; Apr. 9.
- Bergen, Leland B., Burlingame, Calif. Bridle bit. 2,012,705; Aug. 27.
- Bergen, Martin J., West Newbury, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for applying intense heat. 2,012,335; Aug. 27.
- Bergen, William V., Hillsboro, and A. C. Shute, Portland, Oreg. Reflector. 1,987,357; Jan. 8.
- Berger, Adolph L., Dayton, Ohio. Regulator. 2,024,202; Dec. 17.
- Berger, Andrew, Omaha, Nebr. Bottle closure. 2,017,938; Oct. 22.
- Berger, Bror, Hoganloft, Huddinge, Sweden. Electric spark ignition. 1,991,369; Feb. 19.
- Berger Brothers Company. (See Feltman, Howard B., assignor.)
- Berger Bros. Company. (See Usinger, Henry E., assignor.)
- Berger Brothers Company, The. (See Versoy, Irving R., assignor.)
- Berger, Clarence E., Shrewsbury, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Rheostat. 2,009,380; July 30.
- Berger, George C., and P. O. Pederson, Gonvick, Minn. Folding crate. 1,990,400; Feb. 5.
- Berger, George R., et al. (See Haunz, Charles F., assignor.)
- Berger, Harrison J., Denver, Colo. House-numbering device. 1,994,937; Mar. 19.
- Berger, Harry A., New York, N. Y. Hat cone. 1,991,312; Feb. 12.
- Berger, Harry A., New York, N. Y. Necktie wrapper. 1,994,382; Mar. 12.
- Berger, Henri, Paris, France. Bath for the electrodeposition of cobalt. 2,017,646; Oct. 15.
- Berger, John L., Columbia, assignor to Armstrong Cork Company, Lancaster, Pa. Method and apparatus for manufacturing molded inlaid linoleum. 2,024,203; Dec. 17.
- Berger, Knute, Seattle, Wash. Superheating boiler. 2,007,559; July 9.
- Berger, Martin. (See Neff, J. Berger and Kempe.)
- Berger, Martin, Freital, assignor to Universelle Cigarettenmaschinen-Fabrik, J. C. Muller and Co., Dresden, Germany. Apparatus for wrapping cigars. 1,992,463; Feb. 26.
- Berger, Samuel, Philadelphia, Pa. Garment cuff. 2,022,878; Dec. 3.
- Berger, Samuel I., Newark, N. J. Typewriting machine. 2,002,075; May 21.
- Berger, Samuel I., Newark, N. J. Typewriting machine. 2,007,359; July 9.
- Berger, Samuel I., Newark, N. J. Typewriting machine. 2,007,360; July 9.
- Berger, Samuel I., Newark, N. J. Beverage mixer. 2,007,361; July 9.
- Berger, Samuel I., Newark, N. J. Mechanical toy. 2,007,362; July 9.
- Berger, Samuel L. (See Levenson, L., and Berger.)
- Berger, Samuel L., Newton Center, assignor to Boston Knitting Mills, Inc., Newton, Mass. Undergarment. 1,996,536; Apr. 2.
- Bergeron, Lawrence G., Elyria, and R. B. Brewer, Cleveland, Ohio; said Bergeron assignor to said Brewer. Signal or musical instrument. 1,994,559; Mar. 19.
- Bergesen, John, Sr., Brooklyn, N. Y. Valve. 2,019,244; Oct. 29.
- Berggren, Charles E., Wilcox, Nebr. Cultivator shovel back. 1,996,666; Apr. 2.
- Berggren, John L., Chicago, Ill. Sign. 2,010,004; Aug. 6.
- Berggren, Per J., Chicago, Ill. Web threading device. 1,986,424; Jan. 1.
- Berggren, Per J., Chicago, Ill. Flexible drive connection for web reeling apparatus. 2,000,436; May 7.
- Berghelmer, Eduard. (See Helsel, P., and Berghelmer.)
- Berghoefer, Victor A., assignor to Sterling Engineering Company, Milwaukee, Wis. Temperature controlled valve. 1,988,776; Jan. 22.
- Berghoff, Frank J., Detroit, Mich. Movable enclosure. 1,988,260; Jan. 15.
- Berglund, Axel. (See Sorensen, M. A., and Berglund.)
- Berglund, Erik K. A., Lidingo, Sweden. Closure means for vacuum flasks and the like. 2,011,140; Aug. 13.
- Bergman, Arthur J. (See Gallinant, Milton, assignor.)
- Bergman, Benjamin F., Brooklyn, N. Y. Collapsible tube container. 1,997,962; Apr. 16.
- Bergman, Donald J., assignor to Universal Oil Products Company, Chicago, Ill. Fractional distillation. 2,011,030; Aug. 13.
- Bergman, George H., Chicago, Ill. Bleaching powder. 1,986,672; Jan. 1.
- Bergman, Renold, Wausau, assignor to Marathon Paper Mills Company, Rothschild, Wis. Quick-opening can top. 2,002,564; May 28.
- Bergman, Sidney M., Brookline, Mass. Invalid's table. 1,994,188; Mar. 12.
- Bergman, Sven R., Nahant, Mass., assignor to General Electric Company. Composite material and manufacturing the same. 2,010,711; Aug. 6.
- Bergmann, Carl. (See Lorentz, Valentin, assignor.)
- Bergmann, Carl A., assignor to W. D. Mann, Milwaukee, Wis. Gas compressor. 2,025,037; Dec. 24.
- Bergmann, Christian N., assignor to Bergmann Packaging Machine Company, Pittsburgh, Pa. Receptacle filling apparatus. 1,990,926; Feb. 12.
- Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyor. 2,014,610; Sept. 17.
- Bergmann, Max, assignor to Studiengesellschaft der Deutschen Lederindustrie G. m. b. H., Dresden, Germany. Tanning hides and skins. 1,999,316; Apr. 30.
- Bergmann Packaging Machine Company. (See Bergmann, Christian N., assignor.)
- Bergmann, Randall W., White Plains, N. Y. Binder. 1,999,829; Apr. 30.
- Bergnéhr, Torsten G. (See Vllén, O. E., and Bergnéhr.)
- Bergner, Kurt, assignor to "Rodas" Maschinen-Fabrik Roderick W. Horne, Taucha, near Leipzig, Germany. Device for spraying freshly printed sheets with a subsequently solidifying liquid. 1,987,046; Jan. 8.
- Bergner, Kurt, Taucha near Leipzig, assignor to "Rodas" Maschinen-Fabrik Roderick W. Horne, Taucha near Leipzig, Germany. Device utilized in conjunction with sheet printing presses for spraying the printed sheets with liquid paraffin or the like. 2,015,652; Oct. 1.
- Bergoffen, Herman, assignor to National Skee Ball Company, Inc., Brooklyn, N. Y. Game. 2,010,213; Aug. 6.
- Bergslien, Herman, Anoka, Minn. Adjustable standard for stools. 2,016,132; Oct. 1.
- Bergstein, Samuel, Cincinnati, Ohio. Removing scrap and folding and gluing carton blanks and machine therefor. 1,987,224; Jan. 8.
- Bergstein, Samuel, Cincinnati, Ohio. Laminated paper board and container made therefrom. 1,987,225; Jan. 8.
- Bergstein, Samuel, Cincinnati, Ohio. Carton for fragile articles. 1,999,800; Apr. 30.
- Bergstein, Samuel, Cincinnati, Ohio. Moistureproof package. 2,008,167; July 16.
- Bergstein, Samuel, Cincinnati, Ohio. Wrapped cartons and containers. 2,008,168; July 16.
- Bergstein, Samuel, Middletown, Ohio. Display container. 2,024,907; Dec. 17.
- Bergstrand, Frank O., Worcester, Mass. Necktie rolling and pressing device. 1,989,583; Jan. 29.
- Bergstrom, Adolph G., Rockford, Ill. Rotary pump. 2,025,084; Dec. 24.
- Bergstrom, Carl, East Cleveland, assignor to The San Electro Company, Cleveland, Ohio. Power operated manueuring apparatus. 2,008,894; July 23.
- Bergstrom, Carl O., Hyde Park, Mass., assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Refrigeration apparatus. 2,020,096; Nov. 5.

- Bergstrom, Ernest H., Dorchester, Mass. Toy pistol. 2,001,449; May 14.
- Bergstrom, Gunnar A., Cranston, R. I. Jewelry catch. 2,016,827; Oct. 8.
- Bergstrom, James W., Harrison, assignor to Bergstrom Manufacturing Company, Neenah, Wis. Wall register. 2,011,141; Aug. 13.
- Bergstrom Manufacturing Company. (See Bergstrom, James W., assignor.)
- Bergstrom, William A., Oakland, assignor to Rencitech Spring Nut Co. (Formerly Nanfeldt Corporation, Ltd.), San Francisco, Calif. Spring lock nut. 2,007,171; July 9.
- Bergstrum, Swan E., Detroit, Mich., G. W. Bluns, Cincinnati, R. E. W. Harrison, Mount Washington, Cincinnati, and F. S. Haas, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,993,822; Mar. 12.
- Beria, Antonio, Turin, Italy. Mechanism for the transmission of rotary motion. 1,997,961; Apr. 16.
- Beringer, Christian A., Berlin, Germany. Sail rig for water craft. 2,015,000; Sept. 17.
- Beringer, Eric, Waco, Tex. Casting apparatus. 2,004,457; June 11.
- Berkeley, Laurence J., Cleveland, Ohio. Electric cooking apparatus. 2,025,085; Dec. 24.
- Berkhoff, Gerrit, Jr., Kerensheide, assignor to De Directie van de Staatsmijnen in Limburg, Heerlen, Netherlands, Manufacturing a nitrogen fertilizer. 2,007,419; July 9.
- Berkman, Herbert A., Chicago, Ill., assignor to Zim Manufacturing Company. Valve spring lifter. 2,008,485; July 16.
- Berkner, Arthur, Passaic, N. J. Fastening and buttoning means for garments, and the like. 2,002,360; May 21.
- Berkowitz, Eugene B., Kansas City, Mo. Mechanism for applying adhesive to window envelope blanks. 1,998,701; Apr. 23.
- Berkowitz, Eugene B., Kansas City, Mo. Blank feeding mechanism. 2,010,344; Aug. 6.
- Berkowitz, Leon L., Philadelphia, Pa. Display device. 1,989,540; Jan. 29.
- Berkowitz, Leon L., Philadelphia, Pa., assignor to Morris Paper Mills, Chicago, Ill. Paper can gripper. 1,988,107; Jan. 15.
- Berkshire Knitting Mills. (See Hemmerich, Hugo, assignor.)
- Berkshire Knitting Mills. (See Ischinger, Alfred E., assignor.)
- Berkshire Knitting Mills. (See Westcott, Hans, assignor.)
- Berkshire Upholstered Furniture Company. (See Levine, Harry E., assignor.)
- Berl, Ernst, Darmstadt, Germany, assignor to The Mathieson Alkali Works, Inc. Carrying out electro-chemical reactions. 2,000,815; May 7.
- Berl, Ernst, Darmstadt, Germany. Preparing acetic anhydride from acetic acid. 2,006,787; July 2.
- Berlatsky, Abraham, Chicago, Ill. Food product. 2,011,558; Aug. 20.
- Berlin, Benjamin and I. Herman, New York, N. Y. Concealed garment fastener. 2,002,306; May 21.
- Berlin, David W., Rasunda, Sweden. Automatically variable change speed gear device. 2,012,652; Aug. 27.
- Berlin, Henry, assignor, by mesne assignments, to Resinol Corporation, New York, N. Y. Corn gluten plastic and making same. 1,988,475; Jan. 22.
- Berlin, Kopel A., and S. A. Burnistrow, Moscow, U. S. S. R. Sinking shafts. 2,014,163; Sept. 10.
- Berliner, Henry A., and C. De Boer, Washington, D. C., assignors to The Engineering and Research Corporation. Sheet metal forming machine. 2,016,981; Oct. 8.
- Berliner, Julius F. T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Motor fuel. 2,010,005; Aug. 6.
- Berliner, Julius F. T., and R. W. Plummer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Motor fuel. 2,012,945; Sept. 3.
- Berliner, Meyer, Edgemere, assignor to The Texas Company, New York, N. Y. Chlorinating ethylene hydrocarbons. 2,022,616; Nov. 26.
- Berliner, Robert, Leverkusen, near Cologne-on-the-Rhine, Germany, assignor to General Aniline Works Inc., New York, N. Y. Vat dyestuff of the anthraquinone-acridone series. 1,994,033; Mar. 12.
- Berliner Verkehrs, A.-G. (See Kindler, Eduard, assignor.)
- Berlyn, Martin J., Montreal, assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Remote control apparatus for electrically actuated valves and other devices. 1,997,246; Apr. 9.
- Berman, Aaron R., assignor of one-half to R. A. Boswell, Philadelphia, Pa. Vibration dampener and front motor supports. 2,025,150; Dec. 24.
- Berman, Stanley, London, England. Parking device. 2,024,844; Dec. 17.
- Berman, Tillie. (See Weinstein, Himon, assignor.)
- Bern, Harry A., Chicago, Ill. Pressure balancer. 2,009,102; July 23.
- Bernard, Auguste L., Ruell-Malmaison, assignor to "Fusion-Moteurs", Ruell-Malmaison, France. Reciprocating pump. 2,016,621; Oct. 8.
- Bernard, Auguste L. R., assignor to Society "Fusion-Moteurs", Ruell-Malmaison, France. Internal combustion engine of the two-cycle type. 2,007,323; July 9.
- Bernard, Auguste L. R., assignor to "Fusion-Moteurs", Ruell-Malmaison, France. Air cleaner. 2,011,888; Aug. 20.
- Bernard, Auguste L. R., deceased, Ruell-Malmaison, France; Renée Bernard (nee Bournonville) executor of said A. L. R. Bernard. Piston. 2,024,269; Dec. 17.
- Bernard, Benjamin S., Boston, Mass. Door closer and check. 1,999,274; Apr. 30.
- Bernard, David G., assignor, by mesne assignments, to D. M. Carter, Chicago, Ill. Device for delivering paper to printing presses. 2,013,623; Sept. 3.
- Bernard, Harry, Allentown, Pa., assignor to International Motor Company, New York, N. Y. Device for preventing interior windshield glare in vehicles. 2,010,656; Aug. 6.
- Bernard, Renée (nee Bournonville), executor. (See Bernard, Auguste L. R., assignor.)
- Bernarde, Henry L., Kearny, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring and regulating system. 2,005,884; June 25.
- Bernardin Bottle Cap Company. (See Spahn, August C., assignor.)
- Bernat, Henri. (See Bernat, Raoul and H.)
- Bernat, Raoul and H. Bernat, Bordeaux, France. Evaporator for refrigerating plants. 2,025,634; Dec. 24.
- Bernath, Bertrand, Washington, D. C. Balance for musical instruments. 2,015,029; Sept. 17.
- Berndt, Edward C. (See Creighton, H. M., and Berndt.)
- Berne-Alten, Allan, Jr., Great Kills, N. Y., assignor to Standard Oil Development Company. Dewaxing oils. 1,993,256; Mar. 5.
- Berne-Alten, Allan, Jr., Woodbury, N. J., assignor to Standard Oil Development Company. Producing low cold test oil. 2,008,674; July 23.
- Berner, Rudolph. (See Smith, J. G., and Berner.)
- Bernhard, Richard. (See Shafter, R. R., and Bernhard.)
- Bernhard, Richard, and R. D. Cheesman, Allentown, Pa., assignors to Traylor Engineering and Manufacturing Company. Bowl cooler. 1,989,662; Feb. 5.
- Bernhardt, Louis J., Cleveland, Ohio. Window locking device. 2,009,381; July 30.
- Bernhardt, Max E. (See Fischer, O., and Bernhardt.)
- Bernhardt, Max E., New York, N. Y. Cigarette case. 1,986,246; Jan. 1.
- Bernhardt, Max E., New York, N. Y. Combination ash receptacle and lighter unit. 2,015,334; Sept. 24.
- Bernhardt, Max E., New York, N. Y. Dispensing container and lighter assemblage. 2,025,845; Dec. 31.
- Bernhardt, Rudolph, Chicago, Ill. Pump. 2,025,846; Dec. 31.
- Bernier, Napoleon M., Cambridge, Mass. Acoustical plaster or tile and making the same. 2,005,069; June 18.
- Berning, Otto & Co. (See Klödt, Heinz, assignor.)
- Berning, Theodore J., Dayton, and M. P. Hoover, near Dayton, Ohio. Silt-ball game. 2,001,811; May 21.
- Bernon, Maurice Louis, Westbourne Grove, assignor to The B. W. S. Company Limited, Ealing, London, England. Child's folding push-chair. 2,000,875; May 7.
- Berns, John E., Bremerton, Wash. Revolver holster. 2,001,321; May 14.
- Bernstein, Arnold, Mannheim, assignor to Zellstofffabrik-Waldhof, Mannheim-Waldhof, Germany. Production of artificial filaments. 1,996,989; Apr. 9.
- Bernstein, Irving A., West Englewood, N. J., assignor to Tupper Slipper Corporation, Brooklyn, N. Y. Slipper and shoe. 2,022,455; Nov. 26.
- Bernstein, Morris, and H. C. Dubroff, assignors to Ethical Display Co. Inc., Brooklyn, N. Y. Electric sign. 1,986,705; Jan. 1.
- Bernstein, Samuel M. (See Pyles, Richard H., assignor.)
- Bernstein, Samuel S., Beverly Hills, Calif. Spring support for upholstered furniture. 2,014,611; Sept. 17.
- Bernsten, Herbert C. (See Foster, Thomas A., assignor.)
- Bernström, Carl E., Stockholm, Sweden. Spark plug. 1,991,780; Feb. 19.
- Bernthal, Fredrick C., Worden, Ill. Rotary garden rake and cultivator. 2,022,335; Nov. 26.
- Berray, Kenneth E., Lockport, N. Y. Lubricator. 1,991,722; Feb. 19.
- Berrien, Walter C., San Bruno, assignor of one-fourth to C. G. Mattox and one one-fourth to A. B. Chapman, San Francisco, Calif. Computing scale. 2,023,303; Dec. 3.
- Berry, Arthur G. V., Pointe-a-Pierre, Trinidad, British West Indies, assignor to Trinidad Leaseholds, Limited, London, England. Insecticidal and fungicidal composition. 2,017,391; Oct. 15.
- Berry, Arthur S., Norwood, N. J., assignor to Berry Solder Co. Inc., New York, N. Y. Solder extruding machine. 2,021,828; Nov. 19.
- Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Stringing a Fourdrinier wire. 2,003,103; May 28.
- Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Paper making apparatus and process. 2,005,929; June 25.
- Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Vertical drier for web material. 2,019,649; Nov. 5.
- Berry, François J. B., Lille, France. Sorting apparatus for substances of different densities. 2,006,126; June 25.
- Berry, George A., assignor to Calco Chemical Company, Inc., Bound Brook, N. J. Cooling hot gases containing oxides of sulphur. 2,019,245; Oct. 29.
- Berry, Jesse L., Los Angeles, Calif. Flexible pipe joint. 2,009,308; July 23.
- Berry, Otto C. (See Dean, E. E., and Berry.)
- Berry, Philip J., Detroit, Mich. Headlight. 2,018,829; Oct. 29.

- Berry, Robert U., Schenectady, N. Y., assignor to General Electric Company. Air recirculating and humidifying apparatus. 2,008,540; July 16.
- Berry, Russell M. (See Smith, N. B., Berry, and Knerr.)
- Berry Solder Co. Inc. (See Berry Arthur S., assignor.)
- Berry, Theodore M., Schenectady, N. Y., assignor to General Electric Company. Yieldable supporting structure. 1,988,295; Jan. 15.
- Berry, William A., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Thread guide for shoe upper lacing machines. 1,994,299; Mar. 12.
- Berry, William A., Edware, and B. V. Storr, Ilford, assignors to Ilford Limited, Ilford, Essex, England. Photographic printing emulsion. 1,995,444; Mar. 26.
- Berry, William A., Knutsford, assignor to Ilford Limited, Ilford, England. Photographic printing emulsion and its production. 2,001,951; May 21.
- Berryman, Charles C. (See Berryman, John, assignor.)
- Berryman, Elmer H., San Francisco, Calif. Casting furnace. 2,017,337; Oct. 15.
- Berryman, John, Gloucester, assignor to C. C. Berryman, London, England. Catch-bolt of locks, latches, and the like. 1,995,091; Mar. 19.
- Berst-Forster-Dixfield Company. (See Begle, Ned G., assignor.)
- Berstler, Carl E., assignor of thirty-three per cent to W. R. Wetherhold, five per cent to R. T. Scull, five per cent to J. T. Bair, five per cent to G. S. Weinerth, Reading, and five per cent to A. L. Golden, Wyomissing, Pa. Valve structure for internal combustion engines. 1,994,167; Mar. 12.
- Bertele, Ludwig, Dresden-A., assignor to Zeiss Ikon Aktiengesellschaft Dresden, Dresden, Germany. Photographic objective. 1,998,704; Apr. 23.
- Berthold, Erich. (See Kunz, M. A., Berthold, and Koerberle.)
- Berthold, Erich. (See Kunz, M. A., Kränzlein, Koerberle, Corell, Berthold and Vollman.)
- Berthold, Hermann, Leverkusen-I. G. Werk-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Sulphur dyestuff preparation. 1,987,533; Jan. 8.
- Berthold, Hermann, Leverkusen-I. G. Werk, and E. Albrecht, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat and sulphur dyestuff preparations for textile printing. 1,989,784; Feb. 5.
- Berthold, Hermann, Leverkusen-I. G. Werk-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat and sulfur dyestuff preparation. 1,990,854; Feb. 12.
- Berthold, Hermann, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat and sulphur dyestuff preparation for printing cotton. 2,004,458; June 11.
- Berthold, Hermann, Leverkusen-on-the-Rhine, and C. Krauss, Frankfurt-on-the-Main-Fechenheim, and A. Hagenböcker, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Printing of textile fabrics with vat dyestuffs. 2,003,641; June 4.
- Berthold, Hermann, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyestuff printing paste. 2,024,502; Dec. 17.
- Berthold, Kenneth F., North Attleboro, assignor to the Mason Box Company, Attleboro Falls, Mass. Box fastener. 2,018,629; Oct. 22.
- Berthold, Richard E., Richmond Hill, N. Y., assignor to Cardinal Products, Inc. Lighter. 2,014,014; Sept. 10.
- Berthold, Richard E., Richmond Hill, assignor to Cardinal Products, Inc. Catalytic composition and method of production. 2,021,475; Nov. 19.
- Berthold, Rudolf G., Berlin-Siemensstadt, M. Steenbeck, Berlin-Westend, and A. Von Engel, Berlin-Siemensstadt, Germany, assignors to Westinghouse Electric & Manufacturing Company, New York, N. Y. Control of electric vacuum discharge tubes. 2,020,930; Nov. 12.
- Berthon, Rodolphe, Neuilly-sur-Seine, France, assignor, by mesne assignments, to Kislun Corporation, New York, N. Y. Reproduction of sounds recorded by means of photograms. 2,024,563; Dec. 17.
- Bertin, Gabriel, Paris, France. Turbine for elastic fluids adapted for use as compressors. 1,990,059; Feb. 5.
- Bertolino, B., Jr., et al. (See Mattila, Charles J., assignor.)
- Bertram, Ely. (See Erdmann, A., and Bertram.)
- Bertram, Harry L., Cincinnati, Ohio. Aquatic amusement device. 2,011,209; Aug. 13.
- Bertram, Henry J., Kansas City, Mo. Rheostat. 2,005,516; June 18.
- Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Buffing machine. 1,999,275; Apr. 30.
- Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Actuating mechanism. 2,005,019; June 18.
- Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole fitting machine. 2,015,064; Sept. 24.
- Bertsch, Heinrich, assignor to the firm H. Th. Böhme Aktiengesellschaft, Chemnitz, Germany. Solid salts of higher molecular alkyl sulphuric acids. 1,993,431; Mar. 5.
- Bertsch, Heinrich, assignor to the firm H. Th. Böhme Aktiengesellschaft, Chemnitz, Germany. Sulphuric reaction products of aliphatic hydroxy carboxylic acids. 2,007,492; July 9.
- Bertsch, Herbert T., Minneapolis, Minn. Tensioning device for seat bottoms. 1,987,921; Jan. 15.
- Bertschi, Jacob, assignor to Utah Radio Products Company, Chicago, Ill. Electromagnetic vibratory device and making same. 2,007,703; July 9.
- Bertschinger, Charles F., assignor to The Scovill Manufacturing Company, Waterbury, Conn. Combination can opener, funnel, and flexible pipe attachment. 2,006,194; June 25.
- Bertschinger, Charles F., Rosedale, N. Y., assignor of three-fourth to Tide Water Oil Company, Bayonne, N. J. Crank-case emptying and flushing apparatus. 2,020,350; Nov. 12.
- Bertschinger, Charles F., Rosedale, N. Y., assignor of sixty per cent to H. J. Garvey, Sharpville, Pa. Radio tuning mechanism. 2,021,476; Nov. 19.
- Berve, Heinrich, Georgsmarienhütte, near Osnabrück, Germany. Making double boomed sheet pile. 1,988,864; Jan. 22.
- Beryllium Corporation, The. (See Clafin, Harry C., assignor.)
- Beryllium Corporation, The. (See Clafin, H. C., and Hubbard, assignors.)
- Beryllium Corporation, The. (See Ferkel, K. A., and Ellis, assignors.)
- Beryllium Corporation, The. (See Smith, Joseph K., assignor.)
- Bès, Armand, Paris, France, assignor to W. O. Larmuth, Abraham, near Tarporley, Cheshire, England. Hobbin drag device for wrapping machines and the like. 1,996,450; Apr. 2.
- Bès, Armand, Paris, France, assignor to W. O. Larmuth, Abraham, near Tarporley, Cheshire, England. Stop motion for core wrapping machines. 1,996,451; Apr. 2.
- Beshara, John J. (See Halpern, M., and Beshara.)
- Beskov, Bernhard M., Miami Beach, Fla. Hair waving appliance. 2,002,487; May 28.
- Beskov, Bernhard M., Miami Beach, Fla. Hair waver and the like. 2,014,164; Sept. 10.
- Besler, William J. (See Christensen, Clarence A., assignor.)
- Bessey, Edward F., Crystal Lake, Ill., assignor, by mesne assignments, to Cinch Manufacturing Corporation. Socket for vacuum tubes and the like. 2,017,940; Oct. 22.
- Bessom, Earl A. (See Ballard, M. H., Bessom and Knowlton.)
- Bessom, Earl A., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Rotary cutter. 2,018,774; Oct. 29.
- Bessy, Roger P., assignor to Michigan Tent and Awning Company, Detroit, Mich. Awning fixture. 1,991,358; Feb. 19.
- Best Brothers Keene's Cement Company, The. (See Best, J. C. and Marsh, assignors.)
- Best, Clarence L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Wear compensating means. 2,003,528; June 4.
- Best, Cyril, Deptford, London, England. Dampener for weighing apparatus. 2,006,255; June 25.
- Best, Dorothy S. (See Best, Frank M., assignor.)
- Best Foods, Inc., The. (See Barradas, Matthew G., assignor.)
- Best Foods, Inc., The. (See Rector, Thomas M., assignor.)
- Best Foods, Inc., The. (See Schaub, Jacob, assignor.)
- Best Foods, Inc., The. (See Schaub, Jacob, and G. C., assignors.)
- Best Foods, Inc., The. (See Vahlteich, H. W., and Schille, assignors.)
- Best, Frank A., East Windsor, Ontario, Canada, assignor to Backstay Welt Company, Union City, Ind. Finishing strip. 2,004,364; June 11.
- Best, Frank A., East Windsor, Ontario, Canada, assignor to Backstay Welt Company, Union City, Ind. Method and apparatus for making a textile product. 2,013,230; Sept. 3.
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,007,420; July 9.
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,018,653; Oct. 29.
- Best, Frank E., assignor to Frank E. Best, Inc., Seattle, Wash. Lock. 2,008,486; July 16.
- Best, Frank E., Inc. (See Best, Frank E., assignor.)
- Best, Frank M., New York, N. Y., assignor to D. S. Best. Method of and apparatus for utilizing energy of a vibratory nature. 2,010,806; Aug. 13.
- Best, Fred H., Westfield, N. J., assignor to American Telephone and Telegraph Company. Transmission measuring system. 2,015,779; Oct. 1.
- Best, George W., Reidsville, N. C. Ornamental link receptacle for wrist watch bands and chains. 2,004,685; June 11.
- Best, Harry A. (See Wiedenhoef, A. E., and Best.)
- Best, John A., Augusta, Ga. Card index. 2,000,657; May 7.
- Best, John C. and F. L. Marsh, assignors to The Best Brothers Keene's Cement Company, Medicine Lodge, Kans. Producing gypsum products. 1,993,238; Mar. 5.
- Best, John D., and A. A. Lind, Dunedin, New Zealand. Waist band for trousers. 1,999,078; Apr. 23.

- Best, John G., assignor to Varilux Limited Toronto, Ontario, Canada. Illuminated sign. 2,014,271; Sept. 10.
- Best, John H. & Sons, Inc. (See Best, Leon H., assignor.)
- Best, Leon H., assignor, by mesne assignments, to John H. Best & Sons, Inc., Galva, Ill. Display rack. 2,023,866; Dec. 10.
- Best Manufacturing Company. (See Cromartie, George G., assignor.)
- Best Manufacturing Co. Inc. (See Baltzley, Louis E., assignor.)
- Best Weather Strip Company Limited. (See Main, Daniel T., assignor.)
- Beth, Hugo W. H., assignor to Norton Company, Worcester, Mass. Multiple unit grinding wheel. 1,990,927; Feb. 12.
- Bethenod, Joseph, assignor to Compagnie Generale de Telegraphie sans Fil, Paris, France. Sound volume regulator. 1,990,060; Feb. 5.
- Bethke, Leo. (See Meyer, P. H., Bethke, and Walker.)
- Bethlehem Steel Company. (See Catterall, W. H., and Barry, assignors.)
- Bethlehem Steel Company. (See Geer, Harry R., assignor.)
- Bethlehem Steel Company. (See Keller, A. T. Schenck and Fine, assignors.)
- Bethlehem Steel Company. (See Kenney, Edward F., assignor.)
- Bethlehem Steel Company. (See Kinney, James A., assignor.)
- Bethlehem Steel Company. (See Lindenmuth, J. M., and Weirich, assignors.)
- Bethlehem Steel Company. (See Madden, James P., assignor.)
- Bethlehem Steel Company. (See Nieman, Henry W., assignor.)
- Bethlehem Steel Company. (See Shimer, W. R. Kinney, and Kichline, assignors.)
- Bethlehem Steel Company. (See Stevens, Richard H., assignor.)
- Bethlehem Steel Company. (See Stone, John J., assignor.)
- Bethlehem Steel Company. (See Underwood, Charles E., assignor.)
- Bethlehem Steel Company. (See Zehner, Walter R., assignor.)
- Bethune, John. (See Thomas, H. T., and Bethune.)
- Bethune, John, Rochester, N. Y., assignor to Reo Motor Car Company, Lansing, Mich. Power transmission gearing. 1,989,663; Feb. 5.
- Betner, Benj. C., Company. (See Beckmann, August F., assignor.)
- Betner, Benjamin C., Company. (See Higginbottom, William E., assignor.)
- Bettendorf, William E., Davenport, assignor, by mesne assignments, to The Micro Corporation, Bettendorf, Iowa. Bread slicing machine. 2,022,877; Dec. 3.
- Bettendorf, William E., and H. H. York, assignors, by mesne assignments, to The Micro Corporation, Bettendorf, Iowa. Bread slicing machine. 2,000,816; May 7.
- Better, Francis J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Mechanism for use in applying pressure to shoe bottoms. 2,005,755; June 25.
- Better Packages Inc. (See Krueger, Theodore H. and A. P., assignors.)
- Better Packages, Inc. (See Poeppelmeier, Frank H., assignor.)
- Better Packages, Inc. (See West, Michael J., assignor.)
- Betteridge, Frances and H., Oakleigh, Victoria, Australia. Cooking utensil. 1,997,509; Apr. 9.
- Betteridge, Harold. (See Betteridge, Frances and H.)
- Betterton, Jesse O., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Smelting scrap battery plates and the like. 2,006,257; June 25.
- Betterton, Jesse O., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Chloridization of metals. 2,019,470; Oct. 29.
- Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Production of bismuth. 1,989,734; Feb. 5.
- Betterton, Jesse O., and C. W. Hanson, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Treating scrap storage battery plates and lead-bearing materials of similar composition. 2,006,256; June 25.
- Bettis, Irvin H., assignor to Hughes Tool Company, Houston, Tex. Interrupted tool joint pipe thread. 1,993,257; Mar. 5.
- Bettis, Irvin H., Oklahoma City, Okla., assignor to Hughes Tool Company, Houston, Tex. Paraffin scraper for plunger lift devices. 1,993,258; Mar. 5.
- Betts, Charles I. (See Robinson, F., and Betts.)
- Betts, Earl L., assignor to United Steel and Wire Co., Battle Creek, Mich. Sliding shelf. 2,008,091; July 16.
- Betts, Walter L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,017,647; Oct. 15.
- Beiz, Harry D., Kansas City, Kans. Unit air conditioner. 1,997,274; Apr. 9.
- Betz, Paul L., Baltimore, Md., and S. Karrer, Washington, D. C., assignors to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Multiple gap circuit breaker. 1,990,451; Feb. 5.
- Betz, William C., assignor to The Fafnir Bearing Company, New Britain, Conn. Bearing seal. 1,991,723; Feb. 19.
- Betz, William G., Hammond, Ind. Massaging device. 2,003,272; May 28.
- Betzler, Martin, Neuruppin, assignor to the firm Minimax A.-G., Berlin, Germany. Device for blowing fire-extinguishing gas into storage bins carrying more or less fine materials. 2,006,258; June 25.
- Betzold, Max F. (See Rascher, C., and Betzold.)
- Beudels, Jean, Gilly, Belgium. Machine for compressing, rarefying, and transporting liquid or gaseous fluids. 2,014,753; Sept. 17.
- Beugler, Samuel B., Los Angeles, Calif. Striper. 1,988,710; Jan. 22.
- Beulke, Gordon W., and A. A. Abernethy, St. Paul, Minn. Reinforced fabric basket. 2,007,997; July 16.
- Beuoy, George H., Cedar Vale, Kans. Electrical caponizing forceps. 2,012,937; Sept. 3.
- Beuoy, George H., Cedar Vale, Kans. Electrical caponizing knife. 2,012,938; Sept. 3.
- Beutel, Robert J., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Strip registering device. 1,998,069; Apr. 16.
- Beuter, Ralph, Richmond Hill, and T. Ruckel, Ridgewood, Long Island, assignors, by mesne assignments, to Louis Hirsch Textile Machines, Inc., New York, N. Y. Knitted fabric. 2,026,339; Dec. 31.
- Beutler, Herman L., Kingsport, Tenn. Garment hanger. 2,014,165; Sept. 10.
- Bevan, John G., assignor to Guggenheim Brothers, New York, N. Y. Treating sewage. 2,021,679; Nov. 19.
- Bever, Miles E., Anaheim, Calif. Bun slicer. 2,009,913; July 30.
- Beverage, Harold H., Riverhead, N. Y., assignor to Radio Corporation of America. Testing recorded sound. 1,989,965; Feb. 5.
- Beverage, Harold H., Riverhead, N. Y., assignor to Radio Corporation of America. Remote control system. 2,014,518; Sept. 17.
- Beverage, Harold H., Riverhead, N. Y., assignor to Radio Corporation of America. Multiplex signaling. 2,025,190; Dec. 24.
- Beverage, Harold H., and H. O. Peterson, Riverhead, N. Y., assignors to Radio Corporation of America. Elimination of fading on short wave lengths. 1,987,889; Jan. 15.
- Beverage Mixer Co. (See Fowler, Frank E., assignor.)
- Beveridge, Ernest G. (See Lengel, A. L., and Beveridge.)
- Beverley, Reginald A., Chicago, Ill., assignor to The Carburendum Company, Niagara Falls, N. Y. Method and apparatus for heating galvanizing tanks. 2,017,229; Oct. 15.
- Bevin, Alister S., Wangarei, New Zealand. Harrow. 2,002,255; May 21.
- Beyer, Paul J., Union, N. J. Tube holder. 2,026,455; Dec. 31.
- Beyer, Philipp, Brooklyn, N. Y. Greenhouse bench and making same. 2,022,398; Nov. 26.
- Beyer, Wilhelm, Vitkovice-Zelezarny, Czechoslovakia. Labyrinth packing. 1,986,706; Jan. 1.
- Beyerle Mfg. Co. Inc. (See Lefkowitz, Arthur, assignor.)
- Beymer, Kenneth R., Dayton, Ohio, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 1,996,667; Apr. 2.
- Beyrie, Thomas, Vernon, Calif. Metal clad door and manufacturing same. 2,023,661; Dec. 10.
- Beythan, Carl A., assignor of one-third to G. B. Willcox, Saginaw, Mich. Self-cleaning rake. 2,016,263; Oct. 1.
- Bezner, Albert, Ravensburg, Germany. Decorticating device for timber. 1,986,707; Jan. 1.
- Bezner, Albert, Ravensburg, Germany. Decorticating device for timber. 1,986,708; Jan. 1.
- Bezold, George L., assignor to The Hamilton Autographic Register Company, Hamilton, Ohio. Web tensioning device. 1,996,636; Apr. 2.
- Bezenberger, Frederick K., Cleveland Heights, assignor to The Stratmore Company, Cleveland, Ohio. Forming abrasive articles. 2,015,658; Oct. 1.
- Bhagwat, Madhav R., Elizabeth, N. J., assignor to Combustion Utilities Corporation, New York, N. Y. Oil-soluble synthetic resin and its manufacture. 2,006,207; June 25.
- Blagosch, Karl. (See Schmidt, Gerhard, assignor.)
- Bialik, Paul, Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,008,124; July 16.
- Bianchi, Valentino L., Oakland and L. Mina, San Francisco, Calif. Oil cooling system. 2,013,708; Sept. 10.
- Bianco, Annibale, assignor to Durable Mat Company (Canada) Limited, Victoria, British Columbia, Canada. Floor mat construction. 1,988,828; Jan. 22.
- Blas Buff & Wheel Company, The. (See Yohe, Albert S., assignor.)
- Biasi, Angelo, Hazleton, Pa. Alarm device for safes. 2,001,812; May 21.
- Biazzi, Salvatore, and A. Moschetti, San Jose, Calif. Coffee dispenser. 1,999,624; Apr. 30.
- Bibb, Thomas W., Albany, Oreg. Oil can. 2,022,271; Nov. 26.

- Bibby, James, London, England, assignor to The Falk Corporation, Milwaukee, Wis. Power transmission through rotary shafts. 2,012,939; Sept. 3.
- Biber, Wilhelm, Berlin, Germany, assignor to Metallophon Company, Aktiengesellschaft, Glarus, Switzerland. The production of sound records with a metallic base for talking machines. 2,008,092; July 16.
- Bibicos, Theodore. (See Poulas, Gust, assignor.)
- Bichowsky, Francis R. (See Rosett, W., and Bichowsky.)
- Bichowsky, Francis R., Washington, D. C., assignor, by mesne assignments, to General Motors Corporation. Refrigeration. 1,992,177; Feb. 26.
- Bichowsky, Francis R., Washington, D. C., assignor, by mesne assignments, to General Motors Corporation. Self propelling fire extinguishing charge containing a double halogen hydrocarbon compound. 2,021,981; Nov. 26.
- Bickel, Frederic J., assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Profiling machine. 2,018,433; Oct. 22.
- Bickel, Joseph W., Niles Center, Ill. Circuit control means. 2,021,166; Nov. 19.
- Bickel, Willis C., Oak Park, Ill. Racket stringer. 2,024,141; Dec. 17.
- Bickell, Charles H., trustee. (See Sparks, Stanley W., assignor.)
- Bicker, Edgar B., St. Louis, Mo. Game toy target. 2,024,421; Dec. 17.
- Bickett, Le Roy M., Watertown, assignor to L. M. Bickett Company, Watertown, Wis. Ventilated seat cushion. 2,025,712; Dec. 31.
- Bickett, L. M., Company. (See Bickett, Le Roy M., assignor.)
- Bickford, Percy D., Vancouver, British Columbia, Canada. Carton filling machine. 2,024,503; Dec. 17.
- Bicknell, George M., assignor to Carter Carburetor Corporation, St. Louis, Mo. Intake manifold. 1,994,011; Mar. 12.
- Bicknell, Putnam P., Rockland, Maine. Multiple pointing stone chisel. 1,985,971; Jan. 1.
- Bicknell, Ralph N., Bangor, Maine. Regulating valve for refrigerating systems. 2,022,583; Nov. 26.
- Bidaud, Auguste F., Serezin-du-Rhone, France, assignor to DuPont Rayon Company, New York, N. Y. Changing the solubility characteristics of the lower fatty acid esters of cellulose. 1,997,267; Apr. 16.
- Biddle, Charles M., Jr., Riverton, N. J., and F. J. Ball, Willow Grove, Pa., assignors of one-third to said Ball, one-third to C. M. Biddle, 3d., Riverton, and one-third to D. P. Mitchell, Woodbury, N. J. Celery bleacher. 1,996,562; Apr. 2.
- Biddle, Charles M., 3d., et al. (See Ball, Francis J., assignor.)
- Biddle, Charles M., 3d., et al. (See Biddle, C. M., Jr., and Ball, assignors.)
- Biddle, James G., and Company. (See Kiefaber, E. W., Doerr, Whitson, and Cragmille, assignors.)
- Biddle, William C. (See Corbin, Elbert A., Jr., assignor.)
- Bidwell, Edgar, assignor of one-half to C. Basse, Wichita, Kans. Flash tester for high tension electric currents. 2,004,365; June 11.
- Bidwell, George L., Riegelsville, Pa., assignor to Riegel Paper Corporation, Riegelsville, N. J. Paper and process therefor. 2,011,609; Aug. 20.
- Bidwell, Howard, assignor of one-half to L. H. Jones, Amherst, Mass. Steam boiler of the flash type. 2,007,034; July 2.
- Bidwell, Paul W., Holyoke, Mass. Binding for books. 1,998,977; Apr. 23.
- Biebel, Herman M., Oakmont, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Range control system. 2,023,113; Dec. 3.
- Biebel, Herman M., Oakmont, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Range control system. 2,023,114; Dec. 3.
- Biebel, Herman M., St. Louis, Mo., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Range control system. 2,023,115; Dec. 3.
- Biebel, Herman M., Oakmont, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Range control system. 2,023,116; Dec. 3.
- Biebel, Herman M., Oakmont, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Range control system. 2,023,117; Dec. 3.
- Biebel, Herman M., Oakmont, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Range control system. 2,023,118; Dec. 3.
- Biebel, Herman M., Oakmont, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Range control system. 2,023,119; Dec. 3.
- Bieber, Clarence G. (See Mudge, W. A., and Bieber.)
- Bieberbach, Max W., Jr. (See Villa, John, assignor.)
- Biedenfeld, William, Peru, Ill. Timepiece. 1,989,584; Jan. 29.
- Biegmann, Otto, Solingen, Germany. Safety razor blade. 1,992,565; Feb. 26.
- Biele, Harry M., Hollis, assignor to The Associated Press, New York, N. Y. Multiple copy rack. 2,015,510; Sept. 24.
- Bieling, Carl A., Westfield, and W. P. Mason, West Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cutting tool. 2,014,222; Sept. 10.
- Bienenstock, Moritz, and L. Csáki, Budapest, Hungary, J. Pless, Bratislava, Czechoslovakia, A. Sági and E. Sági, Budapest, Hungary. Manufacture of mill products for alimentary purposes and of paste goods and baked products from such milled products. 2,025,705; Dec. 31.
- Bienert, Berthold, Leverkusen-I. G. Werk, and R. Held, Leverkusen-Wiesdorf, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Preparing diphenylmethane derivatives. 2,018,775; Oct. 29.
- Bienert, Berthold, Leverkusen-I. G. Werk, and R. Held, Leverkusen-Wiesdorf, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Process of preparing 1,4-dihalogen-anthraquinone-2-carboxylic acids. 2,019,840; Nov. 5.
- Bienfait, Henri, and W. L. C. van Zwet, Eindhoven, Netherlands, assignors to Radio Corporation of America. Electrical conductor and making the same. 2,018,343; Oct. 22.
- Bier, Robert W., Dallas, Tex. Walking beam adjuster. 2,007,493; July 9.
- Bierbach, Carl, assignor to Steel Builder Company, Inc., Newark, N. J. Construction toy. 2,014,464; Sept. 17.
- Bierbaum, Harry E., Long Beach, assignor to General Salt Company, Ltd., Los Angeles, Calif. Purification of halogen-containing solutions. 2,002,654; May 28.
- Bierdel, Paul, Bucharest, Rumania. Making comparison tablets for optical examination of flour. 1,995,445; Mar. 26.
- Bierer, John M., Waban, assignor to Boston Woven Hose and Rubber Company, Cambridge, Mass. Method of and apparatus for vulcanizing rubber articles. 1,987,890; Jan. 15.
- Bierer, John M., Newton, and G. E. Apel, Belmont, Mass., assignors to Boston Woven Hose and Rubber Company, Cambridge, Mass. Process of and apparatus for shaping sheet rubber or the like. 2,015,445; Sept. 24.
- Bierly, George M., Columbus, Ohio. Laundry starch and preparing the same. 2,014,794; Sept. 17.
- Bierman, Aron. (See Bouwers, A., Burgers, and Bierman.)
- Bierstedt, Gustav C., Madison, and P. E. Mills, Towaco, N. J.; said Bierstedt assignor to American Telephone and Telegraph Company, and said Mills assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collecting apparatus. 2,006,433; July 2.
- Bierwirth, Rudolph A., West Collingswood, N. J., assignor to Radio Corporation of America. Tone control system. 1,997,762; Apr. 16.
- Biery, Galen A., assignor of twenty-four one hundredths to J. H. Dunn, and twenty-four one hundredths to R. F. Dunn, Bellingham, Wash. Rotary photograph printing machine. 2,009,572; July 30.
- Bieth, Tom C., Alsten, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,007,631; July 9.
- Bieth, Tom C., Alsten, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,023,867; Dec. 10.
- Bigelow-Sanford Carpet Co. (See Fuge, W. C. and Rush, assignors.)
- Bigelow, Charles G., and W. C. Schofield, assignors to Freyn Engineering Company, Chicago, Ill. Stirring tank. 1,995,465; Mar. 26.
- Bigelow, Chester S., Rochester, Minn. Oil warmer and cooler. 1,989,585; Jan. 29.
- Bigelow Company, The. (See Welter, Gustave, assignor.)
- Bigelow, George E. (See Weis, A. R., and Bigelow.)
- Bigelow, George E., assignor of one-half to Pacific Pump Works, and one-fourth to A. R. Weis, Huntington Park, Calif. Turbine pump support. 1,986,132; Jan. 1.
- Bigelow, George E., Southgate, and A. R. Weis, assignors of one-half to Pacific Pump Works, Huntington Park, Calif. Packing structure for hot liquid pumps. 1,990,519; Feb. 12.
- Bigelow, Jonas D. (See Brossart, J. A., Bigelow, and Retterer.)
- Bigelow, Lucy S., Kansas City, Mo. Illuminating toy. 1,997,446; Apr. 9.
- Bigelow-Sanford Carpet Co. Inc. (See Cook, Jerome E., assignor.)
- Bigelow-Sanford Carpet Co. (See Knowland, Richard G., assignor.)
- Bigelow-Sanford Carpet Co. (See Phoenix, Ernest T., assignor.)
- Bigelow-Sanford Carpet Co. (See Stone, Edwin W., assignor.)
- Biggert, Florence C., Jr. (See Gardner, K. C., and Biggert, Jr.)
- Biggert, Florence C., Jr., Crafton, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Method and apparatus for manufacturing metal sheets and strips. 2,004,596; June 11.
- Biggert, Florence C., Jr., Crafton, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Rolling metal strip. 2,012,706; Aug. 27.
- Biggert, Florence C., Jr., Crafton, and H. Mueller, Pittsburgh, assignors to United Engineering & Foundry Company, Pittsburgh, Pa. Roll and method of manufacturing rolls. 2,018,247; Oct. 22.
- Biggert, John, Crafton, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Method and apparatus for stitching metal strip. 1,987,176; Jan. 8.
- Biggs, George A., assignor to The James Leffel and Company, Springfield, Ohio. Hydraulic turbine. 1,986,915; Jan. 8.

- Biggs, George A., assignor to The James Leffel & Company, Springfield, Ohio. Hydraulic turbine. 1,989,966; Feb. 5.
- Biggs, George T., assignor, by mesne assignments, to Jacob Backer, St. Paul, Minn. Electric eyelet and grommet machine. 1,999,860; Apr. 30.
- Biggs, Leonard R., Schenectady, N. Y., assignor to General Electric Company. Mercury turbine condenser arrangement. 2,020,097; Nov. 5.
- Biggs, Orrick H., Beverly, and L. E. Cobb, Marblehead, Mass., assignors to Hygrade Sylvania Corporation. Manufacture of incandescent electric lamps. 1,999,014; Apr. 23.
- Bigley, William J., Jr., Hoboken, N. J. Transportation method and means. 1,996,695; Apr. 2.
- Big Rock Ranch Company. (See Harris, Ford W., assignor.)
- Big Rock Ranch Company. (See Heise, William H., assignor.)
- Big Rock Ranch Company. (See Jacobs, Walter T., assignor.)
- Bihler, Henry, Akron, Ohio. Device for holding articles. 2,017,088; Oct. 15.
- Bihler, Roger, assignor to Baronet-Lorna Co., Inc., College Point, N. Y. Powder puff and manufacturing the same. 1,997,038; Apr. 9.
- Bijur, George, executor. (See Bijur, Joseph.)
- Bijur, Joseph, deceased, New York, N. Y., G. Bijur, executor, assignor to Bikor Corporation. Coupling and the like. 1,987,600; Jan. 15.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 1,988,443; Jan. 22.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Liquid flow division. 1,991,370; Feb. 19.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubricating installation. 1,992,178; Feb. 26.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 1,993,732; Mar. 12.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubricating system and apparatus. 1,994,460; Mar. 19.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubricating system. 1,996,060; Apr. 2.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 1,998,437; Apr. 23.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 1,998,438; Apr. 23.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 1,998,439; Apr. 23.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubrication of machinery. 2,000,913; May 14.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubricating system and the constituent parts thereof. 2,003,281; June 4.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubricating installation. 2,007,960; July 16.
- Bijur, Joseph, New York, N. Y., assignor, by mesne assignments, to Auto Research Corporation. Lubricating installation. 2,009,428; July 30.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Centralized lubrication. 2,009,429; July 30.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 2,009,430; July 30.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 2,017,847; Oct. 22.
- Bijur, Joseph, New York, N. Y., assignor, by mesne assignments, to Auto Research Corporation. Lubrication installation and the elements thereof. 2,017,848; Oct. 22.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 2,025,713; Dec. 31.
- Blikkers, Alexander, assignor to N. V. Naamloze Vennootschap Athano, Scheveningen, Netherlands. Refrigerating apparatus. 2,020,232; Nov. 5.
- Blikkers, Alexander, assignor to N. V. Naamloze Vennootschap Athano, Scheveningen, Netherlands. Refrigerating apparatus. 2,020,763; Nov. 12.
- Blikor Corporation. (See Bijur, Joseph, assignor.)
- Billbre, Albert A., and M. D. Vinyard, Salem, Oreg., assignors to said Vinyard. Metatarsal pad. 2,020,395; Nov. 12.
- Binderback, Henry S., Elk City, Okla., and I. B. McCullough, Ballinger, Tex. Adjustable bearing for conveyor hangers. 1,999,230; Apr. 30.
- Billhuber, Paul H., Douglaston, assignor to Steinway & Sons, New York, N. Y. Piano, and more particularly to the mounting of strings thereon. 2,025,933; Dec. 31.
- Bill, Arthur E., Rensselaer Falls, N. Y. Beehive. 1,999,890; Apr. 30.
- Billé, Léon, Nogent-sur-Marne, France. Machine for the manufacture of pipes. 2,001,237; May 14.
- Billert, Hans, Nuremberg, Germany. Hand operated toy. 2,012,946; Sept. 3.
- Billiam, Otto. (See Demmler, A., and Greppert, assignors.)
- Billig, Fred W., assignor to The Sparks-Withington Company, Jackson, Mich. Warning signal. 1,994,426; Mar. 12.
- Billing, Noel P., London, England. Carrier and the like for photographic purposes. 2,017,709; Oct. 15.
- Billing, Noel P., London, England. Camera. 2,021,765; Nov. 19.
- Billingshurst, Philip E., Winnipeg, Manitoba, Canada. Apparatus for treating ores. 1,989,072; Jan. 29.
- Billings, Francis E., Yonkers, N. Y. Flash light pen and pencil. 1,996,563; Apr. 2.
- Billings, Horace P., Merchantville, and D. A. Hurst, Had-donfield, N. J., assignors to Radio Corporation of America. Emulsion of synthetic resins. 1,999,715; Apr. 30.
- Billings, Horace P., Merchantville, and D. A. Hurst, Had-donfield, N. J., assignors to Radio Corporation of America. Synthetic resin. 1,999,716; Apr. 30.
- Billings, Horace P., Merchantville, and D. A. Hurst, Had-donfield, N. J., assignors to Radio Corporation of America. Plasticized synthetic resin. 1,999,717; Apr. 30.
- Billings, Howard J., South Acton, assignor to Arthur D. Little, Incorporated, Cambridge, Mass. Sound record. 1,994,093; Mar. 12.
- Billings & Spencer Company, The. (See Schaumburg, Charles, assignor.)
- Billiter, Jean, Vienna, Austria, assignor to Copperweld Steel Company, Glassport, Pa. Current feed for electrolytic apparatus. 1,991,838; Feb. 19.
- Bilkker, Fredrick W., Milwaukee, Wis. Cutting machine. 2,015,250; Sept. 24.
- Billner, Karl P., assignor to The Aerocrete Corporation of America, New York, N. Y. Leveling cellular concrete. 2,009,984; July 30.
- Billner, Karl P., New York, N. Y., assignor to Indurated Concrete, Incorporated. Concrete. 2,023,001; Dec. 8.
- Billon, Marcel M. M., Besancon, and G. L. F. Boname, Paris, France, assignors, by mesne assignments, to United States Holding Corporation. Engine starter. 1,997,571; Apr. 16.
- Billy, Paul, Sr., Linden, N. J. Safety folding window seat. 1,997,625; Apr. 16.
- Binapff, Josef, Crefeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of new conversion products from natural resins and esters thereof. 2,011,673; Aug. 20.
- Binapff, Josef, Crefeld-Uerdingen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of new condensation products from natural resins. 2,022,456; Nov. 26.
- Binch, Arthur H., Lowdham, assignor to William Rhodes Limited, Leeds, Yorkshire, England. Machine for forming bent wire clips or rings. 1,999,923; Apr. 30.
- Binder, Adolph E., Spokane, Wash. Gate bar. 2,008,660; July 16.
- Binder, Fritz, Kansas City, Mo. Expanding hair waver rod. 2,004,366; June 11.
- Binder, Leo J., Spokane, Wash. Auto-signaling device. 2,008,849; July 23.
- Bing, Julius, assignor to Magnet-Werke-G. m. b. H., Eisenach, Germany. Friction coupling. 1,988,413; Jan. 15.
- Binger, Charles A., assignor of one-half to S. L. Unger, New York, N. Y. Mailing folder. 1,998,354; Apr. 16.
- Binger, Walter D., New York, N. Y. Noise excluding apparatus. 1,990,520; Feb. 12.
- Bingham, Frederick C., New York, N. Y., assignor to Boorum & Pease Company, Brooklyn, N. Y. Protector for covers of loose leaf binders. 2,001,651; May 14.
- Bingham Stamping & Tool Company, The. (See Schomburg, W. H., Peemster, and Peters, assignors.)
- Bingham Stamping & Tool Company, The. (See Snell, Samuel A., assignor.)
- Bingham Stamping & Tool Company, The. (See Snell, S. A., and Schomburg, assignors.)
- Bingham, Walter S., Cassopolis, Mich. Weld bar. 1,988,108; Jan. 15.
- Bingham, Walter S., Cassopolis, Mich. Welding or fusing bar. 2,018,116; Oct. 22.
- Bingman, Frederick P., Birmingham, assignor to The R. C. Mahon Company, Detroit, Mich. Pneumatic conveyor. 2,012,077; Aug. 20.
- Bingman, Frederick P., Birmingham, assignor to The R. C. Mahon Company, Detroit, Mich. Air cleaner for spray booths. 2,021,281; Nov. 19.
- Binkert, August. (See Stoll, A., Binkert, and Kussmann.)
- Binkley, Martin J., East Orange, N. J., assignor by mesne assignments to The Silent Glow Oil Burner Corporation, Hartford, Conn. Rotary fuel burner. 2,013,642; Sept. 10.
- Binks Manufacturing Company. (See Bramsen, Svend, assignor.)
- Binks Manufacturing Company. (See Gustafsson, Eric, assignor.)
- Binks Manufacturing Company. (See Wahlén, Fritz, assignor.)
- Binnall, Frederick C., Washington, D. C. Valve. 2,026,506; Dec. 31.
- Binnall, Frederick C., assignor to Tradewald Corporation, Washington, D. C. Flush valve. 2,024,270; Dec. 17.
- Binnall, Frederick C., Blue Ridge Summit, Pa., assignor, by mesne assignments, to Tradewald Corporation, Washington, D. C., and H. C. Bridgers. Flush valve. 2,012,255; Aug. 20.
- Binney & Smith Company, et al. (See Sweitzer, Carl W., assignor.)
- Binnie, David, Northwich, assignor to Imperial Chemical Industries Limited, London, England. Pyrolysis of hydrocarbons. 2,000,118; May 7.
- Binns, Edward H., Pittsburgh, Pa., and W. A. De Hart, Teaneck, N. J., assignors to Hookless Fastener Company, Meadville, Pa. Method and machine for making flexible closures. 2,026,413; Dec. 31.

- Binns, Frederick W., Quincy, Mass., assignor to Virginia Smelting Company, Portland, Maine. Making basic zinc formaldehyde sulfoxylate. 2,013,124; Sept. 3.
- Binns, Frederick W., Quincy, Mass., assignor to Virginia Smelting Company, Portland, Maine. Making alkali-metal formaldehyde sulfoxylate. 2,013,125; Sept. 3.
- Binns, Frederick W., Quincy, Mass., assignor to Virginia Smelting Company, Portland, Maine. Bleaching mineral matter. 2,020,132; Nov. 5.
- Binns, George W. (See Bergstrum, S. E., Binns, Harrison, and Haas.)
- Binns, George W. and C. Booth, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,991,724; Feb. 19.
- Binns, George W., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding. 1,993,823; May 12.
- Binns, George W., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding. 2,012,078; Aug. 20.
- Binns, George W., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,025,714; Dec. 31.
- Bins, Frank M., Butte, Mont. Coupling for canvas tubing. 2,003,732; June 4.
- Birbaum, Joseph, West Allis, assignor to George Seelman and Sons Company, Milwaukee, Wis. Loose leaf binder operator. 1,997,447; Apr. 9.
- Birch, Raymond F. (See Harvey, F. A., and Birch.)
- Birch, Samuel McL. (See Oakey, Clarence S., assignor.)
- Birch, Stanley. (See Dunstan, A. E., and Birch.)
- Birch, Stanley F. (See Thole, F. B., Birch, and Scott.)
- Birch, William T., Chicago, Ill. Strainer for automobile cooling systems. 2,011,031; Aug. 13.
- Birchall, Henry J., Shirley, England. Lenses and their combination and arrangement in various instruments and apparatus. 2,001,952; May 21.
- Birchall, Tom, and S. Coffey, Manchester, assignors to Imperial Chemical Industries Limited, Westminster, England. Preparation of methylene ethers. 2,021,680; Nov. 19.
- Bircher, Eugene A., Rochester, N. Y. Burial receptacle for ashes. 2,009,724; July 30.
- Birchy, Charles, assignor of one-half to Samuel D. Hewlett, Atlanta, Ga. Producing sound absorbing material. 2,004,686; June 11.
- Bird, Carlos M., Fajardo, Humacao, Puerto Rico. Water feed system for lime hydrators. 2,020,098; Nov. 5.
- Bird, Ernest, Scranton, assignor of one-half to L. Stafforini, Old Forge, Pa. Vehicle brake. 1,997,807; Apr. 16.
- Bird, Harvey Lee, Ann Arbor, Mich. Can salting machine. 1,993,587; Mar. 5.
- Bird, James H., San Antonio, Tex. Hook guard. 2,001,652; May 14.
- Bird, John C., assignor to John Wyeth & Brother, Incorporated, Philadelphia, Pa. Castor oil preparation. 2,021,044; Nov. 12.
- Bird, John C., Elizabeth, N. J., assignor to Standard Oil Development Company. Obtaining colloidal dispersions of metals in oils and products thereof. 2,021,885; Nov. 26.
- Bird, John C., Elizabeth, N. J., assignor to Standard Oil Development Company. Clarifying liquids and producing useful products. 2,025,715; Dec. 31.
- Bird, Len O., Glendale, Calif., assignor to W. L. Adams, Rexbury, Idaho. Power control lifting, tilting, and lowering mechanism. 1,991,781; Feb. 19.
- Bird, Lester F. (See Anderson, W. T., Jr., and Bird.)
- Bird & Son, Inc. (See Allen, Philip R., assignor.)
- Bird & Son, Inc. (See Beasley, Milton R., assignor.)
- Bird & Son, Inc. (See Gach, Erich, assignor.)
- Bird & Son, Inc. (See Hills, P. N., and Mann, assignors.)
- Bird, Whitworth F., Springfield, and W. R. Hewton, assignors to Collins & Aikman Corporation, Philadelphia, Pa. Lay for looms. 2,021,848; Nov. 19.
- Bird, William F., Taft, Calif. Rope socket. 1,988,829 Jan. 22.
- Birdsall, Albert L., assignor to Keeler Brass Company, Grand Rapids, Mich. Door handle. 2,007,390; July 9.
- Birdsboro Steel Foundry and Machine Company. (See Laussuca, Henri P. L., assignor.)
- Birdsboro Steel Foundry & Machine Company. (See Martin, Mark H., assignor.)
- Birdsboro Steel Foundry and Machine Company. (See Peterson, Edward T., assignor.)
- Birdsey, C. R. (See Turner, George M., assignor.)
- Birdsey, Charles R., Pasadena, Calif., assignor to United States Gypsum Company, Chicago, Ill. Kiln feed mechanism. 2,000,272; May 7.
- Birdsey, Charles R., Pasadena, Calif., and E. H. Taylor, Oak Park, assignors to Taylor Forge & Pipe Works, Cicero, Ill. Pipe fitting. 2,014,795; Sept. 17.
- Birdsey, Clarence, Gloucester, Mass., assignor to Frosted Foods Company, Inc., Dover, Del. Method and apparatus for freezing food products. 1,998,431; Apr. 23.
- Birdsey, Clarence, and B. Hall, Gloucester, Mass., assignors to Frosted Foods Company, Inc., Dover, Del. Refrigerating apparatus. 2,014,550; Sept. 17.
- Birdsey, Sidney H., Washington, D. C. Method and apparatus for plotting maps from aerial photographs. 2,021,140; Nov. 19.
- Bireley, Charles E. (See Whitcomb, Daniel F., assignor.)
- Birk, Emil. (See Rosener, L. S., and Birk.)
- Birk, Harold W., assignor of fifty per cent to R. M. Birk, East Hartford, and fifty per cent to U. E. Guthrie, Hartford, Conn. Soldering means. 2,018,117; Oct. 22.
- Birk, Ralph M., et al. (See Birk, Harold W., assignor.)
- Birkebak, Christian A., assignor to Ex-Cell-O Aircraft & Tool Corporation, Detroit, Mich. Machine tool. 2,025,706; Dec. 31.
- Birkemeier, Henry P., Chicago, Ill. Automatic vacuum gear shift. 1,997,448; Apr. 9.
- Birkenhauer, Frederick W., assignor to Pie Bakeries, Inc., Newark, N. J. Pie baking pan. 2,006,938; July 2.
- Birkenmaier, Theodore. (See Boll, L. P., and Birkenmaier.)
- Birkholz, Richard G., assignor to Mid West Ventilating Works, Milwaukee, Wis. Heater. 2,014,644; Sept. 17.
- Birkigt, Louis, Bois Colombes, France. Tripping device. 1,993,645; Mar. 5.
- Birkigt, Marc, Bois-Colombes, France. Magazine for the automatic feeding of objects. 2,011,889; Aug. 20.
- Birkigt, Marc, Bois-Colombes, France. Aircraft provided with a gun. 2,014,876; Sept. 17.
- Birkigt, Marc, Bois Colombes, France. Aircraft engine and gun assembly. 2,020,872; Nov. 12.
- Birmann, Rudolph, assignor to De Laval Steam Turbine Company, Trenton, N. J. Guide vane and diaphragm construction for turbines. 2,013,512; Sept. 3.
- Birmingham Electric Furnaces, Limited. (See Lobley, Alfred G., assignor.)
- Birmingham, Thomas F., Hammond, Ind., assignor to The Superheater Company, New York, N. Y. Die for preparing pipe ends. 1,996,095; Apr. 2.
- Birmingham, Thomas F., Hammond, Ind., assignor to The Superheater Company, New York, N. Y. Making welded article. 2,003,820; June 4.
- Birmingham, Thomas F., Hammond, Ind., assignor to The Superheater Company, New York, N. Y. Electric welding. 2,011,926; Aug. 20.
- Birnholz, James, Berlin, Germany, assignor to Oxford Varnish Corporation, Detroit, Mich. Decorating articles. 2,015,659; Oct. 1.
- Birnstock, William W., York, Pa. Crate. 2,004,847; June 11.
- Biró, Alois, Hamburg, assignor to Universelle Cigarettenmaschinen-Fabrik J. C. Muller & Co., Dresden, Germany. Weighing scale for cigarettes. 1,996,189; Apr. 2.
- Birrell, John, Marshfield, Wis. Dragline device for toys. 1,997,275; Apr. 9.
- Birch, Fred E., Detroit, Mich. Oven regulator. 2,004,597; June 11.
- Birch, Fred W., Lexington, Mich., assignor of one-half to Harry A. Shaw. Thermostatic control. 2,014,716; Sept. 17.
- Bircher, John, Memphis, Tenn. Stairway. 2,003,876; June 4.
- Birtman Electric Company. (See Schwarz, Joseph A., assignor.)
- Birtman Electric Company. (See Wiehle, Edward W., assignor.)
- Bisbee, Spaulding, Portland, W. E. Parsons, Waterville, Maine, and W. M. Sheffield, New York, N. Y., assignors, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine, trustee. Molded pulp article. 2,020,454; Nov. 12.
- Bischof, Bernhard, Winterthur, Switzerland. Fuel injection apparatus for internal combustion engines. 2,019,650; Nov. 5.
- Bischof, Bernhard, Waldheim-Winterthur, Switzerland. Two-cycle internal combustion engine. 2,022,841; Dec. 3.
- Bischoff, Johannes C., Kiel, Germany. Device for cooling the body by means of light volatile chemicals. 2,010,132; Aug. 6.
- Bisher, William, Sargent, Nebr. Sand trap. 1,995,238; Mar. 19.
- Bishinger, Robert, Allison Park, Pa. Hair drier. 1,997,994; Apr. 16.
- Bishop, August C., Detroit, Mich. Trailer structure. 1,992,808; Feb. 26.
- Bischoff, Charles C., Fairmont, W. Va. Protector for drive shaft joints. 2,025,635; Dec. 24.
- Bishop & Babcock Mfg. Company, The. (See Findley, Howard J., assignor.)
- Bishop & Babcock Mfg. Company, The. (See Mayo, Edward L., assignor.)
- Bishop & Babcock Mfg. Company, The. (See McGoldrick, William J., assignor.)
- Bishop & Babcock Manufacturing Company, The. (See Muller, Frederick W., assignor.)
- Bishop & Babcock Mfg. Company, The. (See Schraitle, Conrad W., assignor.)
- Bishop, Benjamin S. T., Shrewsbury, and E. J. Hirvoner, Worcester, Mass., assignors to Leland-Gifford Company. Accumulator. 1,994,747; Mar. 19.
- Bishop Company, The. (See Bishop, Frederick R., assignor.)
- Bishop, Edward H., Waverley, near Sydney, New South Wales, Australia. Machine for the manufacture of pipes or the lining thereof with cementitious materials. 2,015,001; Sept. 17.
- Bishop, Eva P., executrix et al. (See Sobatzki, R. J., and Bishop.)
- Bishop, Eva P., executrix et al. (See Wuertz, A. J., and Bishop.)
- Bishop, Frank, Los Angeles, Calif. Punching mechanism. 1,995,466; Mar. 26.

- Bishop, Frank, Los Angeles, Calif. Rake. 2,023,778; Dec. 10.
- Bishop, Frederic L., Fox Chapel Manor, Pittsburgh, assignor to American Window Glass Company, Pittsburgh, Pa. Manufacturing laminated glass. 2,014,124; Sept. 10.
- Bishop, Frederick R., assignor to The Bishop Company, North Attleboro, Mass. Ophthalmic mounting. 1,998,070; Apr. 16.
- Bishop, George E., Cleveland Heights, Ohio. Golf bag. 2,003,733; June 4.
- Bishop, Howard B., Summit, N. J. Making manganese sulphur compounds. 2,000,211; May 7.
- Bishop, J., & Co. Platinum Works. (See Hickey, George M., assignor.)
- Bishop, J., & Company Platinum Works. (See Kerk, Paul C., assignor.)
- Bishop, Jerome H. (See Jenkins, Thomas M., assignor.)
- Bishop, Leslie N., Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cementing apparatus. 2,021,953; Nov. 26.
- Bishop, Oakley M. (See Sobatski, R. J., and Bishop.)
- Bishop, Oakley M. (See Wuerz, A. J., and Bishop.)
- Bishop, Oakley M., and A. J. Wuerz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinone derivative. 2,005,529; June 18.
- Bishop, Reginald, Golders Green, London, England. Gearings. 1,995,234; Mar. 19.
- Bishop, Stanley K., Binghamton, assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Seat adjuster. 2,001,999; May 21.
- Bishop, William B., Decatur, assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Soy bean flour. 2,000,317; May 7.
- Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Interlocked explosionproof switch housing and plug receptacle. 2,015,543; Sept. 24.
- Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Switch mounting. 2,015,544; Sept. 24.
- Bissell Carpet Sweeper Co. (See Pullen, Fred W., assignor.)
- Bissell, William T., and T. W. Potter, assignors to Journal Box Servicing Corporation, Indianapolis, Ind. Removing foreign matter from used journal box waste oil. 2,023,988; Dec. 10.
- Bissinger, Robert S., and H. S. Warren, Columbus, Ohio. Controlling apparatus for motion picture projecting machines. 1,988,069; Jan. 15.
- Bissiri, Attilio A. (See Scott, W. W., Bissiri, and Gregory.)
- Bissiri, Augusto, Los Angeles, Calif. Cigarette extinguisher. 1,991,592; Feb. 19.
- Blissonette, Francois O., Montreal, Quebec, Canada. Ventilator. 2,019,246; Oct. 29.
- Blitter, Elmer M., Milwaukee, Wis. Ventilated hat. 1,990,061; Feb. 5.
- Bitter, John L., and K. Baumert, Elizabethton, Tenn. assignors to North American Rayon Corporation, New York, N. Y. Slub detector. 1,988,350; Jan. 15.
- Bittermann, Peter J., New York, N. Y. Adjustable table. 2,016,850; Oct. 8.
- Blitting, Clarence R., et al. (See Urquhart, Norman J., assignor.)
- Bittle, Clarence E., Harlan, Iowa. Wrapping apparatus. 2,014,166; Sept. 10.
- Bittle, Keith D., Harrisburg, Pa. Fluid valve. 2,020,286; Nov. 12.
- Bittner, John, assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,015,704; Oct. 1.
- Bittner, Karl. (See Marx, K., Wesche, Bittner, and Saenger.)
- Bittorf, Louis A., assignor to National Manufacturing Company, Sterling, Ill. Door hanger. 1,987,769; Jan. 15.
- Bittorf, Louis A., assignor to National Manufacturing Company, Sterling, Ill. Hasp-type fastener. 1,992,734; Feb. 26.
- Bituminous Crucible Company. (See Pollack, Harold, assignor.)
- Bitzer, Edward W., and H. W. Johnson, Muskegon, Mich. Spring tester. 1,992,987; Mar. 5.
- Bitzer, Gottlob, assignor to Textile Machine Works, Wyomissing, Pa. Lace attachment for full fashioned knitting machines. 2,005,070; June 18.
- Bitzer, Gottlob, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Stitch regulating mechanism for knitting machines. 2,014,100; Sept. 10.
- Bivens, Maurice E., Scotia, N. Y., assignor to General Electric Company. Electric translation circuits. 1,990,366; Feb. 5.
- Bivens, Maurice E., Media, Pa., assignor to General Electric Company. Electronic timer. 2,021,766; Nov. 19.
- Bivona, Vincent, Westfield, N. J. Combination garment hanger and stretcher. 2,021,829; Nov. 19.
- Bixby, Kenneth R., Geneseo, assignor to Midland Electric Coal Corporation, Indianapolis, Ind. Apparatus for drying loose material. 2,000,817; May 7.
- Bixby, Walter. (See Hathaway, E. F., and Bixby.)
- Bizzarri, Anthony, New York, N. Y. High pressure lubricating device. 1,992,052; Feb. 19.
- Björklund, Gustaf E. (See Dalén, G., and Björklund.)
- Bjorkman, Erik B., Montreal, Quebec, Canada. Making light weight concrete of high strength. 1,996,452; Apr. 2.
- Bjorkman, Erik B., Montreal, Quebec, Canada. Making light weight porous concrete. 2,026,207; Dec. 31.
- Björndal, Magnus. (See Näss, Hallvard, assignor.)
- Björndal, Magnus. (See Wick, Emil A., assignor.)
- Bjornson, Bjorn G., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control in two-way signal transmission systems. 1,987,986; Jan. 15.
- Bjornson, Bjorn G., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voice operated circuits. 1,997,207; Apr. 9.
- Bjornson, Bjorn G., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control circuits in two-way signaling systems. 1,998,071; Apr. 16.
- Bjornson, Bjorn G., Brooklyn, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control in two-way signaling systems. 2,001,088; May 14.
- Bjornson, Bjorn G., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control circuits. 2,004,598; June 11.
- Bjornson, Bjorn G., Wyoming, N. J., and Q. E. Greenwood, Flushing, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Circuit for controlling transmission in signaling systems. 2,014,223; Sept. 10.
- Blacher, Benjamin, assignor to Blacher Brothers, Providence, R. I. Frame for bags, purses, and the like. 2,004,185; June 11.
- Blacher Brothers. (See Blacher, Benjamin, assignor.)
- Black, Alfred S., trustee. (See Moore, Ralph E., assignor.)
- Black, Benjamin, Brooklyn, N. Y. Automotive jack. 2,002,428; May 21.
- Black, Carl A., Cleveland Heights, assignor to The Ric-Wil Company, Cleveland, Ohio. Thermo-nonconducting water repellant packing material. 2,003,335; June 4.
- Black-Clawson Company, The. (See Kutter, Herman I., assignor.)
- Black-Clawson Company, The. (See Meeker, W. P. and Price, assignors.)
- Black, Crayton K. (See Jordan, H., and Black.)
- Black, Crayton K. (See Smith, F. H., and Black.)
- Black, David, Newton, and J. Reld, Braintree, assignors to H. D. Foss and Company, Inc., Cambridge, Mass. Container for candy packages and the like. 2,000,158; May 7.
- Black & Decker Electric Company, The. (See Spielman, Milton H., assignor.)
- Black & Decker Manufacturing Company, The. (See Baker, James N., assignor.)
- Black & Decker Manufacturing Company, The. (See Channicky, Latimer L., assignor.)
- Black & Decker Manufacturing Company, The. (See Ellingham, Robert W., assignor.)
- Black, Edward R., assignor to Black Systems Inc., Chicago, Ill. Building covering. 2,017,230; Oct. 15.
- Black, George E., Sewickley, assignor to H. H. Robertson Company, Pittsburgh, Pa. Ventilator. 2,009,870; July 30.
- Black, George W. (See Malm, K. P., Black, and Henrickson.)
- Black, Harold S. (See Green, C. W., and Black.)
- Black, Harold S., Forest Hills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulating system. 1,998,115; Apr. 16.
- Black, Harold S., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vacuum tube apparatus. 2,000,505; May 7.
- Black, Harold S., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translation system. 2,002,499; May 28.
- Black, Harold S., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Repeated line system. 2,003,964; June 4.
- Black, Harold S., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translation system. 2,003,282; June 4.
- Black, Harold S., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translation system. 2,007,172; July 9.
- Black, Harold S., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translation system. 2,011,566; Aug. 20.
- Black, Harry L., Toronto, Ontario, Canada. Rail anchor. 2,009,603; July 30.
- Black, Horace D. (See Webb, Christopher F., assignor.)
- Black, Horace D., Uxbridge, and C. F. Webb, Eastcote, assignors to Bell Punch Company Limited, London, England. Manifold writing device. 2,004,028; June 4.
- Black, Irving E., F. J. Hoffer and H. R. Silver, Brooklyn, N. Y. Sealing containers. 2,019,841; Nov. 5.
- Black, John C., Beverly Hills, Calif. Oil heater. 2,026,120; Dec. 31.
- Black, John C., Los Angeles, Calif., assignor to Gasoline Products Company, Inc., Wilmington, Del. Treating oils. 2,018,654; Oct. 29.
- Black, John C., Detrehan, La., assignor to Gasoline Products Company, Inc., Newark, N. J. Refining cracked gasoline. 2,025,409; Dec. 24.
- Black, John E., Rumson, N. J., assignor, by mesne assignments, to Fuller Lehigh Company. Steam boiler. 1,990,476; Feb. 12.

- Black, Knox C., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Amplification control. 2,013,297; Sept. 3.
- Black, Knox C., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission system. 2,019,594; Nov. 5.
- Black, Leroy G., and M. M. Rich, assignors to American Potash & Chemical Corporation, Trona, Calif. Cooling. 1,996,053; Apr. 2.
- Black, Lester C., Los Angeles, Calif. Earth boring drill and method. 1,992,350; Feb. 26.
- Black, Lloyd V. (See Miller, R. A. and Black.)
- Black, Lloyd V., Tarentum, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Form for bending glass. 1,999,558; Apr. 30.
- Black, Lloyd V., Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for case hardening glass. 2,009,431; July 30.
- Black, Lloyd V., Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for making case hardened glass. 2,019,595; Nov. 5.
- Black, Lloyd V., Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for use in case hardening glass. 2,025,086; Dec. 24.
- Black, Lloyd V., Tarentum, assignor to Pittsburgh Plate Glass Company. Insulating glass. 2,025,716; Dec. 31.
- Black, Maurice, Detroit, Mich. Necktie. 2,007,175; July 9.
- Black, Millard S., Huntington Park, assignor, by mesne assignments, to J. A. Kammerdiner, Los Angeles, Calif. Jar. 2,008,743; July 23.
- Black, Millard S., Huntington Park, Calif. Blow out preventer. 2,019,885; Nov. 5.
- Black, Norman F., and J. A. Tilton, Baton Rouge, La., assignors to Standard-I. G. Company. Producing highly refined antidetonation motor fuel. 2,015,703; Oct. 1.
- Black, Samuel M., assignor of one-half to J. S. Bordges, Salinas, Calif. Plant thinning apparatus. 1,986,996; Jan. 8.
- Black, Sivalis & Bryson, Inc. (See Gordon, Joseph C., assignor.)
- Black Systems, Inc. (See Black, Edward R., assignor.)
- Black, William F. (See Dahl, O., and Black.)
- Black, William H., New York, N. Y. Safety razor. 2,020,233; Nov. 5.
- Black, Willy. (See Stedefeld, C., and Black.)
- Blackburn, Bryan M., et al. (See Moore, Marion R., assignor.)
- Blackburn, Bryan M., assignor to R. D. Cole Manufacturing Co., Newman, Ga. Oval elevated storage tank. 1,997,808; Apr. 16.
- Blackburn, Charles L., London, assignor to Electrical Improvements Limited, Newcastle-on-Tyne, England. Fluid level indicator. 2,024,815; Dec. 17.
- Blackburn, Daniel M., assignor to Hendrick Manufacturing Company, Carbondale, Pa. Adjustable shaft mounting. 2,004,562; June 11.
- Blackburn, Daniel M., assignor to Hendrick Manufacturing Company, Carbondale, Pa. Shaking screen. 2,009,219; July 23.
- Blackburn, Henry, Hull, Quebec, Canada. Furnace. 1,994,383; Mar. 12.
- Blackburn, Jasper, Webster Groves, Mo. Lock for guy strand guards. 1,990,162; Feb. 5.
- Blackburn, Jasper, Webster Groves, Mo. Expanding earth anchor. 1,991,488; Feb. 19.
- Blackburn, Jasper, Webster Groves, Mo. Cable clamp or connector. 2,017,887; Oct. 22.
- Blackburn, Jasper, Webster Groves, Mo. Unitary wire connector. 2,020,989; Nov. 12.
- Blackburn, Jasper, Webster Groves, Mo. Cable bracket and fastening. 2,025,717; Dec. 31.
- Blackburn, Jasper, and J. A. Weaver, Jr., Webster Groves, Mo. Hoist. 1,990,163; Feb. 5.
- Black Diamond Steamship Corporation. (See Hanlon, Michael J., assignor.)
- Blackhawk Mfg. Co. (See Mandl, S., and Pfauser, assignors.)
- Blackhawk Manufacturing Co. (See Pfauser, Edward M., assignor.)
- Blackhawk Manufacturing Company. (See Pfauser, E. M., and Mandl, assignors.)
- Black Hawk Sport Shop, Incorporated. (See Koepke, Ernest W., assignor.)
- Blackman, John W. B., Long Beach, Calif. Protective slab for concrete bodies. 1,993,294; Mar. 5.
- Blackman, Philo M., Elgin, assignor to Elgin Manufacturing Company. Straight line multiple filling machine. 1,992,464; Feb. 26.
- Blackman, Stewart. (See Dautel, Ernest, assignor.)
- Blackmon, William H., San Antonio, Tex. Motor vehicle. 2,012,653; Aug. 27.
- Blackmore, Charles C., Oakwood, Ohio. Toy vehicle. 2,012,079; Aug. 20.
- Blackmore, Charles C., Oakwood, Ohio. Toy vehicle. 2,022,179; Nov. 26.
- Blackmore, Lloyd, assignor to General Motors Corporation, Detroit, Mich. Hood latch. 2,022,104; Nov. 26.
- Blackmore, Lloyd, Detroit, and R. R. Hutchison, Pontiac, assignors to General Motors Corporation, Detroit, Mich. Clutch plate. 2,008,169; July 16.
- Blackmore, Norman L., Wilkinsburg, assignor to Automatic Gas-Steam Radiator Company, Pittsburgh, Pa. Heating apparatus. 2,001,953; May 21.
- Blackmore, William, Sharon, Pa., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Journal box. 2,024,205; Dec. 17.
- Blackmore, William, Sharon, Pa., and A. O. Buckius, assignors to National Malleable & Steel Castings Company, Cleveland, Ohio. Journal box. 2,024,204; Dec. 17.
- Blackmun, Clyde W., N. P. Samantas, and A. E. Lindstrom, San Francisco, Calif. Electric automatic fluid heater. 2,016,358; Oct. 8.
- Blackney, Frank, Clear Lake, Wis. Sowing device. 2,017,304; Oct. 15.
- Blackstone Manufacturing Company. (See More, Glenn, assignor.)
- Blackstone Manufacturing Company. (See More, G., and Oberg.)
- Blackwell, Evaline, Los Angeles, Calif. Greeting card. 2,005,493; June 18.
- Blackwell, William V., and W. E. Keeter, Charlotte, N. C., assignors to said William V. Blackwell. Cigarette case. 2,016,534; Oct. 8.
- Blackwood, Harry L., Sacramento, Calif. Neon traffic control light. 2,018,991; Oct. 29.
- Blackwood, Oswald H., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Gas manufacture. 1,993,315; Mar. 5.
- Blackwood, Oswald H., Pittsburgh, Pa., and W. L. Shively, East Orange, N. J., assignors to The Koppers Company of Delaware. Apparatus for and method of producing oil fog. 1,993,316; Mar. 5.
- Blackwood, Robert O., Melbourne, Victoria, Australia. Indexing device. 1,990,019; Feb. 5.
- Blackwood, Robert O., Melbourne, Victoria, Australia. Indexing device. 1,990,020; Feb. 5.
- Blagden, John W., Ilford, England. Perfumes, cosmetics, perfumed soaps, essences, and analogous preparations. 1,995,240; Mar. 19.
- Blagg, Gabriel E., Detroit, Mich. Electric furnace. 1,992,465; Feb. 26.
- Blagg, Gabriel E., and R. F. Flintermann, deceased, Detroit, Mich., A. D. Flintermann, executrix, assignors to Michigan Steel Casting Company, Detroit, Mich. Pipe coupling. 2,011,433; Aug. 13.
- Blagoue, Richard E. (See Mancuso, J. M., and Blagoue.)
- Blaha, Stephen J., Hinsdale, Ill., assignor to The Rome Company, Inc. Collapsible cot. 2,008,616; July 16.
- Blahnik, Frank M., Green Bay, Wis. Milk conditioner. 1,992,988; Mar. 5.
- Blach, Emil, Berlin, Germany, assignor to General Electric Company. Electric translating circuit. 1,988,294; Jan. 15.
- Blakie, Kenneth G., G. O. Morrison, and T. P. G. Shaw, Shawinigan Falls, assignors to Canadian Electro Products Company, Limited, Montreal, Quebec, Canada. Controlling molecular aggregation in the polymerization of vinyl esters. 2,007,557; July 9.
- Blair, Frank O., Laramie, Wyo., assignor to Standard Oil Company, Chicago, Ill. Process and apparatus for acid treating light mineral oil. 2,001,899; May 21.
- Blair, George O., Denver, Colo. Lock nut. 2,019,387; Oct. 29.
- Blair, George W., and R. R. Hunt, assignors to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Method of and apparatus for forming sheet rubber blanks. 1,993,082; Mar. 5.
- Blair, Harry R., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Shifting means for rotatable elements. 1,996,319; Apr. 2.
- Blair, Hollis W., North Troy, Vt. Knockdown shipping case. 2,018,595; Oct. 22.
- Blair, Ira E., Los Angeles, Calif. Equalizing attachment for trucks. 2,000,914; May 14.
- Blair, James H., Staten Island, assignor to Chayes Dental Instrument Corporation, New York, N. Y. Dental hand-piece. 2,016,766; Oct. 8.
- Blair, Robert, Dayton, Ohio, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Acoustic device. 2,025,087; Dec. 24.
- Blair, Robert S., Stamford, Conn. Construction for motor vehicles. 1,992,647; Feb. 26.
- Blair, Robert S., Stamford, Conn., assignor to Evans Case Company, North Attleboro, Mass. Pyrophoric lighter. 2,019,435; Oct. 29.
- Blair, Rolandis A., Columbia City, Ind. Rail anchor. 1,988,261; Jan. 15.
- Blair, Rolandis A., Fort Wayne, Ind., assignor to The P & M Company, Chicago, Ill. Rail anchor. 2,020,351; Nov. 12.
- Blair, Rolandis A., Fort Wayne, Ind., assignor to The P & M Company, Chicago, Ill. Rail anchor. 2,022,704; Dec. 3.
- Blaisdell, Sidney B., Wyncote, Pa., assignor to Fidelity Machine Company, Wilmington, Del. Machine for making braided brake linings. 2,018,596; Oct. 22.
- Blake, David K., Scotia, N. Y., assignor to General Electric Company. Electrical substation. 1,986,619; Jan. 1.
- Blake, David K., Scotia, N. Y., assignor to General Electric Company. Electrical distribution system. 1,998,304; Apr. 16.
- Blake, Edmund M., Queens Village, N. Y. Railway traffic controlling apparatus. 1,995,413; Mar. 26.
- Blake, Ethel R., Huntington Park, Calif. Washing machine. 1,999,353; Apr. 30.
- Blake, George E., assignor to Forsythe Metal Goods Company, Inc., East Aurora, N. Y. Flexible tubular body for automobile heaters or the like. 1,995,446; Mar. 26.

- Blake, George R., Cumberland, Md., assignor to Celanese Corporation of America. Textile conditioning package. 1,996,791; Apr. 9.
- Blake, Harold D., Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp and the like and its mounting and electrical connection. 2,006,155; June 25.
- Blake, Harold D., Cleveland Heights, Ohio, assignor to General Electric Company. Electrical socket. 2,025,564; Dec. 24.
- Blake, Homer A., Boonton, N. J., and H. Schmitt, Richmond Hill, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal and contact device. 1,998,072; Apr. 16.
- Blake, Joseph H., Seattle, Wash. Portable power hammer. 2,006,065; June 25.
- Blake, Kenneth R., assignor of one-tenth to B. D. Emanuel, Anderson, Ind. Portable electric lighting structure. 1,999,079; Apr. 23.
- Blake, Kenneth R., assignor of one-fourth to B. D. Emanuel, Anderson, Ind. Manually operated pinion engaging starter for motor vehicles. 2,006,690; July 2.
- Blake, Kenneth R., and R. H. Hill, Anderson, assignors to Bendix Aviation Corporation, South Bend, Ind. Carburetor choke valve control. 1,994,807; Mar. 19.
- Blake, Ludwig L., South Bend, Ind. Art window and making the same. 1,991,359; Feb. 19.
- Blake, Margaret. (See Gibbs, Robert H., assignor.)
- Blake, Raymond F., Newburyport, Mass. Liquid fuel burner. 2,012,464; Aug. 27.
- Blake, Sherman J., Conneaut, Ohio. Vehicle stop. 2,017,392; Oct. 15.
- Blake-Smith, L. (See Robinson, Charles J., assignor.)
- Blake, Valerie, New York, N. Y. Roll protector. 1,989,182; Jan. 29.
- Blake, Valerie F., New York, N. Y. Roll protection. 1,989,183; Jan. 29.
- Blake, Valerie F., New York, N. Y. Knockdown furniture. 2,000,915; May 14.
- Blake, Valerie F., New York, N. Y. Table or similar article of furniture. 2,003,821; June 4.
- Blakely, Carl L. (See Wilhelm, John A., assignor.)
- Blakeman, James, assignor of fifty percent to W. Kennedy, Vancouver, British Columbia, Canada. Fuel saver. 2,002,879; May 28.
- Blakeslee, G. S. & Co. (See Messlor, Harry P., assignor.)
- Blakeslee, Henry J., Marlboro, assignor to The States Company, Hartford, Conn. Electrical terminal connection block. 2,022,486; Nov. 26.
- Blalock, Burman K. (See Huss, Joseph F., assignor.)
- Blancard, Jean R. G. J., Meulan, France, assignor to American Lath Corporation. Producing a level effect. 1,996,609; Apr. 2.
- Blanchard, Benjamin B. (See MacKenzie, F. L., and Blanchard.)
- Blanchard, Benjamin F., Brea, assignor to Union Oil Company of California, Los Angeles, Calif. Core drill. 2,005,819; June 25.
- Blanchard, Birdsall E. (See Bellinger, George B., assignor.)
- Blanchard, Forrest S. (See Gorman, M. J., and Blanchard.)
- Blanchard, Frederick C., Brookline, Mass. Lubricating system. 1,993,588; Mar. 5.
- Blanchard Machine Company, The. (See Skillings, Harold F., assignor.)
- Blanchard, Walter J., London, England. Heat exchanger. 2,011,032; Aug. 13.
- Blanchard, Werner J., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Lubricating system. 2,021,282; Nov. 19.
- Blanchet, Ovilla J., New Bedford, Mass. Furnace sealing device and gas control. 1,996,564; Apr. 2.
- Blanchford, Ronald F., Clysthydon, assignor of one-half to United Gas Industries Limited, London, England. Pane supporting structure. 2,008,345; July 16.
- Blanchod, Jules, Basel, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Drying substances. 1,989,541; Jan. 29.
- Blankenburg, Emil, San Francisco, Calif., assignor to Petroleum Conversion Corporation, New York, N. Y. Mounting for pyrometer wells. 1,991,371; Feb. 19.
- Blanding, Joseph E., New London, assignor of one-half to P. R. McNamara, Groton, Conn. Oil fuel feed device. 2,012,371; Aug. 27.
- Blanford, Lyle, Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Scrap ejector and stacker. 2,025,372; Dec. 24.
- Blank, George A., New York, N. Y. Game device. 2,022,533; Nov. 26.
- Blank, John E. (See Ellenberger, C. M., Blank and Prence.)
- Blank, Maurice G., assignor to Eastman Kodak Company, Rochester, N. Y. Safety shutter for motion picture projectors. 2,000,575; May 7.
- Blank, Morris, and E. F. Brazeau, New York, N. Y. Cigarette flavoring device and making same. 2,007,632; July 9.
- Blank, Ralph R., Fremont, Nebr. Electrically controlled steam engine. 2,002,488; May 28.
- Blankart, André, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of basic esters of phenyl substituted fatty acids. 1,987,546; Jan. 8.
- Blanken, John A., Vaux Hall, N. J. Plastering machine. 1,995,414; Mar. 26.
- Blankenbuehler, John H. (See Brown, J. L., and Blankenbuehler.)
- Blankenbuehler, John H., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Internal combustion engine speed controller. 1,991,073; Feb. 12.
- Blankenbuehler, John H., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control for internal combustion engines. 1,991,074; Feb. 12.
- Blankenbuehler, John H., Edgewood, and O. C. Schoenfeld, Irwin, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arc welding apparatus. 2,008,411; July 16.
- Blankenhorn, George S., Pasadena, Calif. Superheater. 1,989,127; Jan. 29.
- Blankenship, John B. (See Lehrer, O. J., and Blankenship.)
- Blanks, Edwin J., Lynchburg, Va. Shampoo and massage device. 2,023,394; Dec. 10.
- Blanthorn, John E. (See Donnelly, F. A., and Blanthorn.)
- Blaschke, Charles, Schulenburg, Tex. Planter. 1,988,618; Jan. 22.
- Blaser, Rudolf. (See Agthe, C. A., and Blaser.)
- Blashill, Arthur E., Sheffield, England. Machine for forming wire fabric. 1,996,061; Apr. 2.
- Blatchford, George, Friend, Nebr. Dog house. 2,009,758; July 30.
- Blatner, David G., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 1,996,743; Apr. 9.
- Blatt, Maurice L., Chicago, Ill. Face mask. 1,987,922; Jan. 15.
- Blatterman, Albert S., Asbury Park, N. J. Optional operation of a radioreceiver either by direct or remote control. 1,994,603; Mar. 19.
- Blatterman, Albert S., Asbury Park, N. J. Remote control system for radio broadcast receivers. 2,003,877; June 4.
- Blatterman, Albert S., North Asbury Park, N. J., assignor, by mesne assignments, to Radio Corporation of America. System for radio frequency amplification. 2,026,371; Dec. 31.
- Blattner, David G., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Horn. 2,001,089; May 14.
- Blattner, Emil H., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 1,996,038; Mar. 26.
- Blatz Brewing Company. (See Klein, August L., assignor.)
- Blatz, Warren D., assignor to The Bead Chain Manufacturing Company, Bridgeport, Conn. Woven fabric. 1,992,856; Feb. 26.
- Blau, Fritz, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Incandescent lamp. 2,025,565; Dec. 24.
- Blau, Harry, Brooklyn, N. Y. One piece double edge razor. 2,025,718; Dec. 31.
- Blau, Ludwig W., Houston, Tex., assignor to Standard Oil Development Company. Multistage filter. 2,016,264; Oct. 1.
- Blau, Ludwig W., Houston, Tex., assignor to Standard Oil Development Company. Well pumping device. 2,018,700; Oct. 29.
- Blau, Ludwig W., M. M. Slotnick, and L. Statham, Houston, Tex., assignors to Standard Oil Development Company. Compound seismograph. 2,018,756; Oct. 29.
- Blau, Ludwig W., A. B. Bryan, and W. D. Mounce, Houston, Tex., assignors to Standard Oil Development Company. Method and apparatus for measuring small displacements. 2,025,719; Dec. 31.
- Blaufuss, George, Napa, Calif. Filter. 2,009,382; July 30.
- Blauvelt, Frederick J., and L. B. Wilson, Los Angeles, Calif. Variable connection between crank and piston. 1,987,661; Jan. 15.
- Blaw-Knox Company. (See Alvord, Grove D., assignor.)
- Blaw-Knox Company. (See Brynoldt, Christian, assignor.)
- Blaw-Knox Company. (See Chandler, Willard P., Jr., assignor.)
- Blaw-Knox Company. (See Chiquoine, John E., assignor.)
- Blaw-Knox Company. (See Dorfan, Morton I., assignor.)
- Blaw-Knox Company. (See French, Alfred W., assignor.)
- Blaw-Knox Company. (See Harrington, Edward L., assignor.)
- Blaw-Knox Company. (See McCrery, Harold E., assignor.)
- Blaw-Knox Company. (See Strong, Basil P., assignor.)
- Blaw-Knox Company. (See Thomas, Austin K., assignor.)
- Blazek, John Y., Maple Heights, and R. G. Anderson, Cleveland, assignors to Lemppo Products Inc., Bedford, Ohio. Arc transferring means. 2,019,042; Oct. 29.
- Bledsoe, Charles I. (See Downey, J. J., Bledsoe, and Henson.)
- Blee, Harry H., Santa Ana, Calif., F. C. Breckenridge, Providence, R. I., and M. E. Lynch, Plains, Mont., assignors to The Government of the United States, represented by the Secretary of Commerce. Apparatus for signaling. 2,017,849; Oct. 22.
- Bleecker, Warren F., Tulsa, Okla., assignor to Zero Hour Torpedo Company, Casper, Wyo. Safety hook. 2,017,581; Oct. 15.
- Bleibler, Ernest, Ghent, Belgium, assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Apparatus for casting sheets or films. 2,013,978; Sept. 10.

- Bleika, Paul, et al. (See Clow, Peter, assignor.)
 Blériot-Aéronautique. (See Antelme, Jean B. S., assignor.)
 Bleser, Daniel C., Manitowoc, Wis. Hop extractor. 2,005,770; June 25.
 Blessing, John M. (See Fullarton, G. M., and Blessing.)
 Blest, Minot C., Avalon, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Car construction. 2,015,780; Oct. 1.
 Blest, Minot C., and G. A. Suckfield, Avalon, assignors of one-half to Pressed Steel Car Company, Pittsburgh, Pa., and one-half to The Youngstown Steel Door Company, Cleveland, Ohio. Car construction. 1,995,532; Mar. 26.
 Bletz, Edward, Lexington, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermal switch. 1,987,662; Jan. 15.
 Bletz, Edward, Lexington, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermal switch. 2,011,610; Aug. 20.
 Bletz, Edward, Lexington, and L. J. Greenawalt, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostatic device. 2,015,545; Sept. 24.
 Bleuel, William H., Dormont Borough, Pa., and S. Steek, Steubenville, Ohio. Process and apparatus for waving human hair. 2,009,993; Aug. 6.
 Bley, Fred, assignor of one-half to Martin Hoerer, Chicago, Ill. Abrasive saw tooth. 1,985,972; Jan. 1.
 Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Spinning solutions for the manufacture of soft-luster rayon. 1,987,095; Jan. 8.
 Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Producing hydrogen sulphide. 1,992,895; Feb. 26.
 Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Producing hydrogen sulphide. 1,992,896; Feb. 26.
 Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Viscose and cuprammonium cellulose spinning solutions and products thereof. 2,021,849; Nov. 19.
 Blinn, Joseph S., New Haven, Conn. Applicator. 1,996,897; Apr. 9.
 Bliss, E. W., Company. (See Crane, Edward V., assignor.)
 Bliss, E. W., Company. (See Krueger, Frank, assignor.)
 Bliss, E. W., Company. (See Kruse, Peter, assignor.)
 Bliss, Edward C., Beaver, Ohio. Wireless corn planter. 2,011,841; Aug. 20.
 Bliss, Elmer J., Boston, assignor to Regal Shoe Company, Whitman, Mass. Size measuring shoes. 1,992,153; Feb. 19.
 Bliss, Elmer J., Boston, assignor to Regal Shoe Company, Whitman, Mass. Glove fitting device. 1,997,920; Apr. 16.
 Bliss, Elmer J., Boston, assignor to Regal Shoe Company, Whitman, Mass. Size testing device for gloves. 1,997,921; Apr. 16.
 Bliss, Elmer J., Boston, assignor to Regal Shoe Company, Whitman, Mass. Breaking-in machine for shoes. 2,008,237; July 16.
 Bliss, Elmer J., Boston, assignor to Regal Shoe Company, Whitman, Mass. Apparatus for demonstrating the mechanical flexibilizing of shoes. 2,013,643; Sept. 10.
 Bliss, Elmer J., Boston, assignor to Regal Shoe Company, Whitman, Mass. Foot measuring machine. 2,018,630; Oct. 22.
 Bliss, Elmer J., Boston, assignor to Regal Shoe Company, Whitman, Mass. Toe gauging device for shoe fitting. 2,018,631; Oct. 22.
 Bliss, Herbert R., and H. G. Allen, Niagara Falls, N. Y., assignors, by mesne assignments, to Boston Wire Stitcher Company, Warwick, R. I. Drum container. 1,989,262; Jan. 29.
 Bliss, John, assignor to C. C. Wakefield & Company, Limited, London, England. Air-line oiler. 2,003,132; May 28.
 Bliss, Malcolm G., Grafton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastener inserting machine. 2,012,299; Aug. 27.
 Bliss, Orval H., Warren, Ohio. Vending machine. 1,996,668; Apr. 2.
 Bliss, Sherwood C. (See Reehm, J. G., and Bliss.)
 Blitz, Otto, Oakland, Calif. Folding container. 2,002,215; May 21.
 Blitz, Otto, Oakland, Calif. Vessel closure. 2,023,571; Dec. 10.
 Blizzard Manufacturing Company. (See Matejick, Vincent, assignor.)
 Bloch, Franz G., Leitmeritz, Czechoslovakia. Electric fire alarm. 2,006,434; July 2.
 Bloch, Ignaz, Dessau, Germany. Production of pure white sugar. 2,003,965; June 4.
 Block, Monroe, Providence, R. I., assignor to Monroe Block & Co., Providence, R. I. Cigarette case. 2,025,636; Dec. 24.
 Block, Olaf, Ilford, assignor to Ilford Limited, Ilford, England. Photographic emulsion. 2,010,388; Aug. 6.
 Block, Samuel M., Cleveland, Ohio, assignor to The Fintex Corporation, Detroit, Mich. Cloth laying machine. 1,999,276; Apr. 30.
 Blocher, Samuel S., York, assignor of one-half to N. Jacques, Knox, N. Dak. Crescent-shape two-edge hoe. 2,015,916; Oct. 1.
 Block, Abraham J., San Francisco, Calif. Electrically actuated doorlock. 2,006,624; July 2.
 Block, Abraham J., San Francisco, Calif. Direction signal for vehicle. 2,006,625; July 2.
 Block, David J., Chicago, Ill. Closure for containers. 2,012,950; Sept. 3.
 Block, David J., Chicago, Ill., assignor to Mrs. Frank Beecher, Brockville, Ontario, Canada. Argento-chrome tetramethylthionin and manufacture. 2,014,519; Sept. 17.
 Block, Monroe & Co. (See Block, Monroe, assignor.)
 Block, Richard J., New York, N. Y., and G. R. Cowgill, Hamden, Conn., assignors to S. J. Dannenberg, New York, N. Y. Isolation of water-soluble vitamins. 2,002,519; May 28.
 Block, Seward L., Syracuse, N. Y. Bottle capping machine. 2,023,401; Dec. 10.
 Blodgett, Albert G., assignor to Riley Stoker Corporation, Worcester, Mass. Fuel burning apparatus. 2,005,644; June 18.
 Blodgett, Albert G., assignor to Riley Stoker Corporation, Worcester, Mass. Combustion control. 2,026,159; Dec. 31.
 Blogett, Edwin O., assignor to General Railway Signal Company, Rochester, N. Y. Snap acting thermal device. 2,002,467; May 21.
 Blodgett, Edwin O., assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 2,002,468; May 21.
 Blodgett, Herbert C. (See Johnson, C. G., and Blodgett.)
 Blodgett, Herbert C., assignor to Overhead Door Corporation, Hartford City, Ind. Door construction. 2,012,336; Aug. 27.
 Blodgett, Leonard D., Sr., Olympia, Wash. Ventilating means for toilets and the like. 2,021,402; Nov. 19.
 Bloemsma, John, Detroit, Mich. Key holder. 1,993,317; Mar. 5.
 Bloeser, Rudolph H., et al. (See Swanson, Swan J., assignor.)
 Blomberg, Martin P. (See Mussey, W. H., and Blomberg.)
 Blömer, Alfred. (See Becker, W., and Blömer.)
 Blomgren, Henry E., Floral Park, assignor of one-third to William C. McGurn, New York, N. Y. Air cooling for internal combustion motors. 2,023,395; Dec. 10.
 Blomgren, Henry E., Floral Park, assignor to one-fourth to W. D. McGurn, Rockville Centre, N. Y. Valve operating mechanism. 2,023,396; Dec. 10.
 Blomgren, Henry E., Floral Park, assignor of one-third to William D. McGurn, New York, N. Y. Dispensing can opener. 2,023,397; Dec. 10.
 Blommers, Pierre, assignor to H. H. Robertson Company, Pittsburgh, Pa. Ventilator. 1,985,880; Jan. 1.
 Blomquist, Ernst, Lombard, Ill. Switching means. 2,014,272; Sept. 10.
 Blomstrom, Charles, Minneapolis, Minn. Device for cutting belting and other material. 1,992,600; Feb. 26.
 Blondelle, Raymond, assignor to Société Des Mines De Dourges, Henin Liétard, France. Integral transformation of coke oven gas or town gas into ammonia and methyl alcohol. 2,014,757; Sept. 17.
 Blondelle, Raymond, Henin Liétard, assignor to Société des Mines de Dourges, Henin Liétard, France. Transforming into a mixture of carbon monoxide, nitrogen, and hydrogen, residual gas and blow-off gas resulting from the manufacture of hydrogen by the processes based on the iron-water vapor reaction. 2,018,118; Oct. 22.
 Blood, George E., assignor to The Foote Company, Inc., Nunda, N. Y. Automatic discharge and water control for concrete pavers. 2,004,234; June 11.
 Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Size determining mechanism for automatic machines. 2,023,662; Dec. 10.
 Blood, Harold L., Birmingham, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Combined armrest, inside door handle, and pull-to. 2,026,016; Dec. 31.
 Blood, Harold L., and A. P. Burns, assignors to The Heald Machine Company, Worcester, Mass. Grinding machine. 2,011,705; Aug. 20.
 Blood, Howard E., assignor to Norge Corporation, Detroit, Mich. Refrigerator throat lining. 1,995,339; Mar. 26.
 Blood, Howard E., Detroit, Mich., assignor, by mesne assignments to Free Wheeling Patents Corporation, South Bend, Ind. Automobile transmission mechanism. 2,001,762; May 21.
 Blood, Howard E., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation. Electric refrigerator assembly. 2,012,494; Aug. 27.
 Blood, John & Co. Incorporated. (See Johnston, John M., assignor.)
 Blood, John H., New York, N. Y. Beverage shaker. 2,008,812; July 23.
 Bloom, Arvid S., Lompoc, Calif. Ash tray and the like. 2,000,916; May 14.
 Bloom, Edward, Paterson, N. J. Shuttle tension. 2,016,663; Oct. 8.
 Bloom, Jacob, Brooklyn, N. Y. Collapsible portable carriage. 2,022,400; Nov. 26.
 Bloom, Marty, et al. (See Flukes, Andrew, assignor.)
 Bloom, Oscar T., and L. S. Paddock, assignors to Industrial Patents Corporation, Chicago, Ill. Defeathering compound. 2,017,648; Oct. 15.
 Bloom, Otto I., and S. I. S. Friedman, New York, N. Y. Type arrangement for composing machines. 2,006,435; July 2.

- Bloom, Vera, et al. (See Donahoe, Michael A., assignor.)
 Bloomer Bros. Company. (See Inman, W. H., and Weinman, assignors.)
 Bloomenthal, Sidney, Merchantville, N. J., assignor to Radio Corporation of America. Resistor. 2,010,133; Aug. 6.
 Bloomer Bros. Company. (See Inman, William H., assignor.)
 Bloomer Bros. Company. (See Richmond, George L., assignor.)
 Bloomfield Engineering Company Limited. (See Durant, Henry T., assignor.)
 Bloomquist, Clarence T., North Escanaba, Mich. Vehicle. 1,991,782; Feb. 19.
 Bloomquist, Leonard E., Newberry, Mich. Connector. 1,991,075; Feb. 12.
 Bloore, Ernest J., and W. H. T. West, assignors of one-half to The Lockett Loose Leaf, Limited, Toronto, Ontario, Canada. Temporary binder. 2,016,588; Oct. 8.
 Bloss, Richard R., and R. C. Pfeil, assignors to International-Stacy Corporation, Columbus, Ohio. Counterbalancing device. 2,001,662; May 14.
 Blosser, Herman G., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,014,015; Sept. 10.
 Blosser, Herman G., Pittsburgh, and C. W. Faylor, Forest Hills, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,025,265; Dec. 24.
 Blosser, John E., Glens Falls, and P. Burke, South Glens Falls, assignors to Veldown Company, Inc., New York, N. Y. Napkin folding machine. 1,992,179; Feb. 26.
 Blosser, John E., Glens Falls, and P. Burke, South Glens Falls, N. Y., assignors to Veldown Company, Inc. Cutting machinery. 2,022,799; Dec. 3.
 Blott, John F. T. (See Terrey, A. G., Gabriel and Blott.)
 Blount, Arthur B., St. Louis, Mo. Manufacturing a cellulose viscose collapsible tube. 2,008,487; July 16.
 Blount, Arthur L. (See Merrill, D. R., and Blount.)
 Blount, Arthur L., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Gum inhibitor. 2,013,198; Sept. 3.
 Blount, Clinton W., Newark, N. J., assignor to Bakelite Corporation, New York, N. Y. Electrical connector. 2,008,573; July 16.
 Bludworth, Joseph E. (See Thompson, C. L., Bacon, and Bludworth.)
 Blue, Concetta L. (See Carlson, Axel S., assignor.)
 Blue, Joseph N., Big Spring, Tex. Box and bearing for railway vehicles. 2,004,921; June 13.
 Bluemel, Gustave, Chicago, Ill. Burner. 2,022,024; Nov. 26.
 Blue Ribbon Products Company. (See Hussey, Frank L., assignor.)
 Blue Ridge Slate Corporation. (See Hillers, Carl E., assignor.)
 Blum, Abraham I., New York, N. Y. Adjusting device for headwear. 1,992,285; Feb. 26.
 Blum, Adolf, Vienna, Austria. Hot water bottle of rubber. 2,024,908; Dec. 17.
 Blum, Arthur N., Philadelphia, assignor to Henry Disston & Sons, Incorporated, Tacony, Pa. Die for cutting puzzles and like cut-outs. 1,995,959; Mar. 26.
 Blum, Edward H., Dallas, Tex., assignor to Atlantic Oil Producing Company, Philadelphia, Pa. Apparatus for cleaning oil wells. 1,989,035; Jan. 22.
 Blum, Ferdinand, Frankfurt-on-the-Main, assignor to Sächsisches Serumwerk Aktiengesellschaft, Dresden, Germany. Production and concentration of an antithyroid component. 2,024,676; Dec. 17.
 Blum, George J., assignor to Armstrong-Blum Mfg. Co., Chicago, Ill. Saw-blade holder. 2,011,611; Aug. 20.
 Blum, Jerome J., assignor to Arveyware Corporation, Olean, N. Y. Felted fibrous product and making same. 2,006,626; July 2.
 Blum, Jerome J., assignor to Arveyware Corporation, Olean, N. Y. Automobile door panel. 2,019,247; Oct. 29.
 Blum, Richard. (See Chayes, N., and Blum.)
 Blumberg, Harry S., assignor to M. W. Kellogg Company, New York, N. Y. Arc welding electrode. 2,011,706; Aug. 20.
 Blumberg, Julius E., Boston, Mass. Pattern maker's tool. 2,004,499; June 11.
 Blume, Charles L., assignor to E. H. Reid, Toronto, Ontario, Canada. Safety appliance. 2,023,263; Dec. 3.
 Blume, Oskar, Essen, Germany. Apparatus for treating molten material. 2,022,755; Dec. 3.
 Blume, John W., and C. Gaulke, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pump valve control. 1,988,296; Jan. 15.
 Blume, Louis F., Pittsfield, Mass., assignor to General Electric Company. Voltage and power factor control. 1,992,809; Feb. 26.
 Blume, Louis F., Pittsfield, Mass., assignor to General Electric Company. Transformer tap-changing apparatus. 2,009,383; July 30.
 Blume, William A., Detroit, Mich., assignor to American Brakeblock Corporation, New York, N. Y. Making friction elements. 1,992,601; Feb. 26.
 Blumenfeld, Julius, Ebernburg (Pfalz), Germany. Shoe insole layer. 1,994,681; Mar. 19.
 Blumenfeld, Siegmund, New York, and Pasquale LoCascolo, Brooklyn, N. Y. Lock. 2,015,660; Oct. 1.
 Blumenthal, Louis, Brooklyn, N. Y. Adjustable chair. 2,015,335; Sept. 24.
 Blumenthal, Maurice, and L. Casper, New York, N. Y. System for the disposal of garbage and the like. 2,014,796; Sept. 17.
 Blumenthal, Sidney, & Co., Inc. (See Stolzenberg, Frederick W., assignor.)
 Blumgardt, Monroe, New York, N. Y. Draped garment and belt therefor. 2,019,248; Oct. 29.
 Blumlein, Alan D., London, England, assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn. Telephone and like transmission system. 2,001,900; May 21.
 Blumlein, Alan D., London, and H. E. Holman, Chapham Common, London, assignors to Columbia Graphophone Company, Limited, London, England. Moving coil electromechanical device. 2,016,622; Oct. 8.
 Blumlein, Alan D., and H. E. Holman, assignors to Columbia Graphophone Company, Limited, London, England. Moving coil electromechanical device. 2,024,271; Dec. 17.
 Blumstengel, Gustave C. (See Bartels, Elmer L., assignor.)
 Blunck, Robert A. (See Smith, L. A., and Blunck.)
 Blundell, Alfred, Coventry, England. Silencing device. 2,014,368; Sept. 17.
 Blunt, Carleton, et al. (See Hutchison, William, assignor.)
 Blunt, Edmund H., Brooklyn, N. Y. Feed water heater for locomotives, etc. 2,000,009; May 7.
 Blunt, James G., Schenectady, N. Y. Locomotive cylinder and cylinder saddle construction. 2,020,099; Nov. 5.
 Blunt, James G., Schenectady, N. Y. Lateral motion dampening device for locomotives. 2,025,931; Dec. 31.
 Blunt, James G., Schenectady, assignor to American Locomotive Company, New York, N. Y. Brake mechanism. 2,009,725; July 30.
 Blunt, James G., Schenectady, assignor to American Locomotive Company, New York, N. Y. Housing and end thrust bearing device for railway vehicle axles. 2,021,167; Nov. 19.
 Blustein, Abraham, Washington, D. C. Cravat holder. 1,990,467; Feb. 12.
 Blydenburgh, Harold L., assignor to The Moto-Mower Co., Detroit, Mich. Lawn mower. 2,013,597; Sept. 3.
 Blythe, William, and Company Limited. (See Bentley, W. H., and Catlow, assignors.)
 Blythe, William E., Birmingham, Mich., assignor to Driver-Harris Company, Harrison, N. J. Heat-treating furnace. 1,992,466; Feb. 26.
 Blythe, William E., Birmingham, Mich., assignor to Driver-Harris Company, Harrison, N. J. Heat treating furnace. 1,992,467; Feb. 26.
 Boa, Wilbur W. (See Kenyon, B. C., Boa, and Green.)
 Boak, Howard P. (See Sherman, C. E., and Boak.)
 Boal, Walter H., Chicago, Ill., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Tabulating mechanism for typewriting machines. 2,006,983; July 2.
 Boaler, William H. (See Welch, S. A., Ashby, Guyler, and Boaler.)
 Boals, Eli R., assignor to H. F. Thompson, Pasadena, Calif. Hair waving apparatus. 2,001,238; May 14.
 Board of Trustees, University of Illinois. (See Burks, Dana, Jr., assignor.)
 Board of Trustees of The University of Illinois. (See Johnstone, Henry F., assignor.)
 Boardman Company, The. (See Underwood, Bert O., assignor.)
 Boardman, Odessa D., Chester, Tex. Vehicle actuated gate. 1,988,889; Jan. 22.
 Boardman, Odessa D., Chester, Tex. Vehicle actuated gate. 2,017,939; Oct. 22.
 Boas, Juan, Brooklyn, and O. F. Nilsson, New York, N. Y. Coupling. 1,989,674; Feb. 5.
 Boatright, Jesse N. (See Sockwell, James L., assignor.)
 Boax, John J., McKeesport, Pa., assignor to National Tube Company. Metal casting. 2,017,394; Oct. 15.
 Boax, John J., McKeesport, and J. A. Miller, Brentwood, Pa., assignors to National Tube Company. Pipe testing machine. 2,017,393; Oct. 15.
 Boaz, Arthur R., Acton, London, England, assignor to Irving Trust Company, trustee of R. Hoe & Co. Inc., debtor. Apparatus for use in observing moving objects such as the web of a multicolor or other printing machine. 2,022,487; Nov. 26.
 Rob. H. D. Company. (See Friedmann, Jacob, assignor.)
 Bobek, Felix. (See Reither, C., Loebe, Samson, Bobek, and Grossmann.)
 Bobo, Edward H., assignor of one-half to S. Hunt, Ranger, Tex. Muffler. 1,989,675; Feb. 5.
 Bobroff, Bornett L., Racine, Wis. Signaling device. 2,005,714; June 18.
 Bobroff, Bornett L., Racine, Wis. Automatically released direction switch for automotive vehicles. 2,011,966; Aug. 20.
 Bobroff, Bornett L., Racine, Wis. Signal light for automotive vehicles. 2,015,917; Oct. 1.
 Bochmann, Otto, Remscheid-Lennep, Germany, assignor to American Bemberg Corporation, New York, N. Y. Spinning centrifuge. 1,992,602; Feb. 26.
 Bochmann, Otto, Remscheid-Lennep, assignor to Barmer Maschinenfabrik, Aktiengesellschaft, Wuppertal-Oberbarmen, Germany. Multistory twisting machine. 2,010,255; Aug. 6.
 Bochmann, Otto, Remscheid-Lennep, assignor to Barmer Maschinenfabrik Aktiengesellschaft, Wuppertal-Oberbarmen, Germany. Double-sided, several storied twisting machine. 2,021,401; Nov. 19.

- Bochmann, Otto, and W. Lenk, Remscheid-Lennep, assignors to Barmer Maschinenfabrik A.-G., Wuppertal-Oberbarmen, Germany. Arrangement of the thread winding off spools in double twist twisting spindles. 1,995,533; Mar. 26.
- Bochmann, Otto, and W. Lenk, Remscheid-Lennep, Germany, assignors to Barmer Maschinenfabrik Aktiengesellschaft, Wuppertal-Oberbarmen, Germany. Double twist twisting spindle. 2,013,023; Sept. 3.
- Bochnak, Andrew, Bobtown, Pa. Machine gun. 2,024,125; Dec. 10.
- Bocji Corporation. (See Born, George E., assignor.)
- Bocji Corporation. (See Rohmer, Frank D., assignor.)
- Bock, Charles L., assignor to A. Hoffman, Chicago, Ill. Fluid checking device. 2,015,837; Oct. 1.
- Bock, Clarence H., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,008,574; July 16.
- Bock, Clarence H., South Bend, Ind., assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,019,289; Oct. 29.
- Bock, Fritz, Berlin-Charlottenburg, Germany. Bridge support for eyeglass frames. 2,006,569; July 2.
- Bock Laundry Machine Company, The. (See Bock, William E., assignor.)
- Bock, Louis H. (See Powers, D. H., and Bock.)
- Bock, William E., assignor, by mesne assignments, to The Bock Laundry Machine Company, Toledo, Ohio. Laundry machine. 1,989,664; Feb. 5.
- Bockius, Walter A., Evanston, Ill. Pantographic device. 2,021,931; Nov. 26.
- Bockman, Theodore, assignor to United States Gypsum Company, Chicago, Ill. Tile attaching clip. 2,021,908; Nov. 26.
- Bockmühl, Max, and W. Persch, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Bismuth salts of organic carboxylic acids. 1,991,783; Feb. 19.
- Bockmühl, Max, and R. Knoll, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Glyoxalidineacrylmethylols and making them. 1,999,989; Apr. 30.
- Bockmühl, Max, W. Krohs, and G. Ehrhart, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Heterocyclically substituted perhydrocarbazoles. 2,003,623; June 4.
- Bockmühl, Max, R. Knoll, and O. Wagner, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Liquid anthelmintics. 2,008,238; July 16.
- Bockmühl, Max, and G. Ehrhart, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Sodium phenyl and its derivatives and preparing them. 2,012,372; Aug. 27.
- Bockmühl, Max, W. Krohs, and G. Ehrhart, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Perhydrocarbazyl compounds of the pyridine and quinoline series. 2,016,480; Oct. 8.
- Bodde, Theodore, Niagara Falls, assignor, by mesne assignments, to The General Railway Signal Company, Rochester, N. Y. Train control system. 2,000,917; May 14.
- Boddie, Clarence A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Transmitting circuit. 2,001,450; May 14.
- Boddy, Leonard, assignor to King-Seely Corporation, Ann Arbor, Mich. Heat indicator. 2,004,091; June 11.
- Bode, Hendrik W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission network. 2,001,090; May 14.
- Bode, Hendrik W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,002,216; May 21.
- Boden, Ernest G., assignor to Timken Roller Bearing Company, The, Canton, Ohio. Lubricant testing machine. 1,990,771; Feb. 12.
- Boden, Ernest G., assignor to The Timken Roller Bearing Company, Canton, Ohio. Lubricant testing machine. 1,995,832; Mar. 26.
- Boden, Ernest G., assignor to The Timken Roller Bearing Company, Canton, Ohio. Lubricating device. 2,011,559; Aug. 20.
- Boden, George, assignor to Scovill Manufacturing Company, Waterbury, Conn. Noise producing device. 1,987,226; Jan. 8.
- Boden, George, assignor to Scovill Manufacturing Company, Waterbury, Conn. Pin. 2,019,210; Oct. 29.
- Boden, Samuel H. (See Schofield, S. T., and Boden.)
- Bodendieck, Henry W., assignor to Tips Tool Company, Inc., Taylorville, Ill. Operating member or stick for hot line equipment. 1,987,584; Jan. 8.
- Bodendieck, Henry W., assignor to Tips Tool Company, Inc., Taylorville, Ill. Wire clamp. 1,990,928; Feb. 12.
- Bodenlos, Robert L., assignor to The American Ship Building Company, Cleveland, Ohio. Automatic stop valve. 1,995,052; Mar. 19.
- Bodenlos, Robert L., assignor to The American Ship Building Company, Cleveland, Ohio. Piston sealing means. 2,015,585; Sept. 24.
- Bodenlos, Robert L., assignor to The American Ship Building Company, Cleveland, Ohio. Adjustable piston ring. 2,026,017; Dec. 31.
- Bodenslek, Jennie M., New York, N. Y. Hose supporter gripping device. 2,012,707; Aug. 27.
- Bodenstein, Alexander F., Madison, Wis. Building construction. 1,992,937; Mar. 5.
- Boder, Edward J., Norwood, Ohio. Grinding machine. 2,008,943; July 23.
- Bodie, Oliver W., Hammond, Ind., assignor to W. Boedeker, Chicago, Ill. Machine for skiving shoes and soles. 1,986,133; Jan. 1.
- Bodien, Gordon E., Minneapolis, and J. R. Foster, St. Paul, Minn. Sieve shaking machine. 2,026,208; Dec. 31.
- Bodie, Virgil H., Newton, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Decorated rubber article and making the same. 1,989,676; Feb. 5.
- Bodie, Virgil H., Newton, Mass., assignor to Hood Rubber Company, Inc., New York, N. Y. Multiple colored rubber label and the like. 2,016,312; Oct. 8.
- Bodman, John W., Winchester, assignor to Lever Brothers Company, Cambridge, Mass. Refining a soap base. 2,005,333; June 18.
- Bodmer, Albert, and Ernst Weiss, Wattwil, Switzerland, assignors to Heberlein Patent Corporation, New York, N. Y. Treating vegetable fibers. 2,002,106; May 21.
- Bodmer, Walter, Zurich, Switzerland. Bed. 1,987,592; Jan. 15.
- Bodor, Andrew. (See Koch, L. B., and Bodor.)
- Bodor, Andrew, Newark, N. J., assignor to Reinforced Paper Bottle Corporation, New York, N. Y. Winding mechanism for paper bottles. 2,001,177; May 14.
- Bodor, Andrew, Newark, N. J., assignor to Reinforced Paper Bottle Corporation, New York, N. Y. Bottle bottom inserting and spinning mechanism for paper bottle making machines. 2,004,186; June 11.
- Bodor, Andrew, Newark, N. J., assignor to Reinforced Paper Bottle Corporation, New York, N. Y. Machine for making paper bottles. 2,022,309; Nov. 26.
- Bodor, Andrew, Newark, N. J., and L. B. Koch, assignors to Reinforced Paper Bottle Corporation, New York, N. Y. Paper blank for paper bottles and the like. 2,017,810; Oct. 15.
- Boecking, Ewald. (See Kindelmann, A., and Boecking.)
- Boecking, Ewald, Brooklyn, assignor to International Projector Corporation, New York, N. Y. Picture and sound projection apparatus. 1,993,770; Mar. 12.
- Boecking, Ewald, Brooklyn, assignor to International Projector Corporation, New York, N. Y. Gate and lens structure for moving picture film. 2,022,366; Nov. 26.
- Boedecker, Friedrich, Dahlem, near Berlin, Germany. Ethereal sulphur-containing compounds and producing same. 2,020,539; Nov. 19.
- Boedeker, Walter. (See Bodie, Oliver W., assignor.)
- Boezhold, Alfred L., assignor to General Motors Corporation, Detroit, Mich. Making plastic bronze bearings. 1,991,539; Feb. 19.
- Boeh, August, and G. T. Ballew, Kansas City, assignors of one-third to F. W. Spaun, Topeka, Kans. Temporary cable covering. 1,996,565; Apr. 2.
- Boehler, Fritz J., Houston, Tex. Trailer hitch. 2,001,451; May 14.
- Boehm, John. (See Disbro, R. G., and Boehm.)
- Boehm, John, Cleveland Heights, assignor to The W. S. Tyler Company, Cleveland, Ohio. Screen and making same. 1,997,713; Apr. 16.
- Boehm, William S., assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricator. 2,025,637; Dec. 24.
- Boehme, H. O., Inc. (See Kunc, Frank, assignor.)
- Boehner, Georg. (See Neresheimer, H., Eicholz, and Boehner.)
- Boehnke, Charles, Rosemead, Calif. Dinger. 2,004,459; June 11.
- Boehnke, Ulrich J., San Juan, Tex. Vegetable crate press. 1,985,879; Jan. 1.
- Boehringer, C. F., & Soehne G. m. b. H. (See Müller, R., and Rabald, assignors.)
- Boehringer, C. F., & Soehne G. m. b. H. (See Müller, R., Schenck, and Wirbatz, assignors.)
- Boehringer, C. F., & Soehne G. m. b. H. (See Müller, R., Schenck, Wirbatz, and Müller, assignors.)
- Boehringer, C. F., & Soehne G. m. b. H. (See Rabald, Erich, assignor.)
- Boehringer, C. H., Sohn Aktiengesellschaft. (See Scheuing, G., and Walach, assignors.)
- Boeing Aircraft Company. (See Wells, Edward C., assignor.)
- Boeing Airplane Company. (See Canney, Frank R., assignor.)
- Boeing Airplane Company. (See Crawford, Marion B., assignor.)
- Boeing Airplane Company. (See Egtvedt, Claire L., assignor.)
- Boeing Airplane Company. (See Harding, John, Jr., assignor.)
- Boeing Airplane Company. (See Minshall, Robert J., assignor.)
- Boeltler, Clarence M. (See Kubista, Charles L., assignor.)
- Boenning, William M., Manitowoc, Wis., assignor to The Carrom Company, Ludington, Mich. Table leg brace. 1,987,770; Jan. 15.
- Boenning, William M., Manitowoc, Wis. Folding furniture leg. 2,020,014; Nov. 5.
- Boerger, Martin G., assignor to Modine Manufacturing Company, Racine, Wis. Machine for fabricating radiator cores. 1,996,566; Apr. 2.
- Boerger, Martin G., assignor to Modine Manufacturing Company, Racine, Wis. Machine for fabricating radiator cores. 2,006,383; July 2.

- Boerlage, Gerrit D., Delft, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Apparatus for testing lubricants. 2,019,948; Nov. 5.
- Boerner, Adolph G. (See Scheutz, Joseph A., assignor.)
- Boesch, Albert, St. Louis, Mo. Window chair. 2,010,532; Aug. 6.
- Boesch, Joseph L., Devils Lake, N. Dak. Humidifier. 1,997,763; Apr. 16.
- Boessenkool, Helmich W., Paris, France, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrolytic device. 2,011,890; Aug. 20.
- Boettcher, Henry, assignor to United States Euboeolith Company, Lancaster, Pa. Preformed building slab. 1,986,552; Jan. 1.
- Boettcher, William J. F., Chicago, Ill. Meat-treating appliance. 2,022,842; Dec. 3.
- Boettger, August. (See Kronschnabl, Michael, assignor.)
- Boettler, Christian G., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,017,893; Oct. 22.
- Boeuf, Alfonso P., Madrid, Spain. Dam. 1,990,723; Feb. 12.
- Boeye, Paul F., assignor to Waldorf Paper Products Company, St. Paul, Minn. Box. 1,987,461; Jan. 8.
- Bogart, William G., assignor to The Warner Elevator Manufacturing Company, Cincinnati, Ohio. Elevator gate. 2,025,566; Dec. 24.
- Bogatz, Hermann, assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Conveyer. 2,019,389; Oct. 29.
- Bogaty, Hermann S. (See Kerst, E. B., and Bogaty.)
- Bogaty, Hermann S., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Blending and conditioning tobacco. 2,016,535; Oct. 8.
- Bogert, Edward O. (See Herting, Otto, assignor.)
- Boggs, Charles R., Waban, assignor to Simplex Wire & Cable Company, Boston, Mass. Electrical cable. 1,997,355; Apr. 9.
- Boggs, Charles R., Waban, assignor to Simplex Wire & Cable Company, Boston, Mass. High tension rubber insulated cable. 2,005,360; June 18.
- Boggs, Wilber S., Las Animas, Colo. Silencer for moving picture booths. 2,007,153; July 9.
- Bogin, Charles, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Cellulose lacquer composition. 1,996,715; Apr. 2.
- Bogin, Charles, and V. Kelly, assignors to Commercial Solvent Corporation, Terre Haute, Ind. Bronzing liquid. 2,012,922; Aug. 27.
- Bogin, Charles, Terre Haute, Ind., and V. Kelly, Chicago, Ill., assignors to Commercial Solvents Corporation, Terre Haute, Ind. Nongelling lacquer. 2,023,363; Dec. 3.
- Bogontsky, Pierre, Paris, France. Boring apparatus adapted for the removal of the material by automatic dredging devices. 1,988,414; Jan. 15.
- Bogoslowsky, Boris, Bridgeport, Conn. Thermohygrometer. 2,019,886; Nov. 5.
- Bogoslowsky, Boris, Bridgeport, Conn., assignor, by mesne assignments, to A. C. Dickinson, Fitchburg, Mass. Compressor. 2,004,563; June 11.
- Bohack, Florence B. (See Forman, James, assignor.)
- Bohan, John P., and T. P., Louisville, Ky. Refining apparatus for crude oil. 1,999,954; Apr. 30.
- Bohan, Thomas P. (See Bohan, John P., and T. P.)
- Bohannon, George W., Proctor, Minn. Railway crossing signal. 1,996,320; Apr. 2.
- Bohmier, Charles A., and A. C. Attendu, Montreal, Quebec, Canada. Refrigerant applicator. 1,991,784; Feb. 19.
- Bohli, Jakob, Solothurn, Switzerland. Making magneto rotors. 1,991,046; Feb. 12.
- Bohli, Jakob, Solothurn, Switzerland. Magneto-electric ignition apparatus. 1,993,826; Mar. 12.
- Bohli, Jakob, Solothurn, Switzerland. Electric starting motor. 2,001,178; May 14.
- Bohli, Jakob, Solothurn, Switzerland. Vibration regulator for dynamos. 2,008,057; July 16.
- Bohli, Jakob, Solothurn, Switzerland, assignor to Scintilla Societe Anonyme, Soleure, Switzerland. Magneto electric ignition apparatus, especially for internal combustion engines. 2,018,830; Oct. 29.
- Bohli, Jakob, and G. Steiner, Solothurn, Switzerland. Magneto-electric machine. 1,993,824; Mar. 12.
- Bohli, Jakob, and G. Steiner, Solothurn, Switzerland. Magneto-electric machine. 1,993,825; Mar. 12.
- Böhm, Helmut, Berlin-Friedrichshagen, assignor to Westinghouse Cooper Hewitt Gesellschaft m. b. H., Berlin, Germany. Device for regulating the voltage in alternating current lines. 1,993,914; Mar. 12.
- Böhm, Otto, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation. 2,000,771; May 7.
- Böhm, Otto, G. B. Hagen, and H. O. Roosenstein, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna system. 1,988,434; Jan. 22.
- Bohmback, Gordon F., assignor to F. A. Keller, Minneapolis, Minn. Animal marker. 1,987,987; Jan. 15.
- Böhm, H. Th., Aktiengesellschaft. (See Bertsch, Heinrich, assignor.)
- Böhrner, Adam, assignor to Seltz-Werke G. m. b. H., Bad Kreuznach, Germany. Sealing of vessels. 2,018,992; Oct. 29.
- Bohn Aluminum & Brass Corporation. (See Anderson, David E., assignor.)
- Bohn Aluminum & Brass Corporation. (See McCullough, William E., assignor.)
- Bohn Aluminum & Brass Corporation. (See Nelson, Adolph L., assignor.)
- Bohn, Donald I., assignor to Aluminum Company of America, Pittsburgh, Pa. Resistance welding. 2,021,477; Nov. 19.
- Bohne, Wilhelm, Gelsenkirchen, Germany. Apparatus for dividing curved surfaces. 1,989,396; Jan. 29.
- Bohne, William A., assignor to E. F. Houghton & Company, Philadelphia, Pa. Embossed belting. 1,994,604; Mar. 19.
- Bohnenblust, Ben, Riley, Kans. Valve. 1,990,423; Feb. 5.
- Bohnenblust, Ben, Riley, Kans. Lift pump. 2,011,210; Aug. 13.
- Bohner, Clyde C. (See Schmidinger, J., and Bohner.)
- Bohnet, Herman C., Lansing, Mich. Flashing light signal. 2,025,638; Dec. 24.
- Bohnsack, John A. (See Hauserman, E. F., and Bohnsack.)
- Bohnsack, John A., Cleveland Heights, assignor to The E. F. Hauserman Company, Cleveland, Ohio. Hollow metal door buck. 1,995,764; Mar. 26.
- Bohnsack, John A., Cleveland Heights, assignor to The E. F. Hauserman Company, Cleveland, Ohio. Sectional partition unit construction. 1,999,389; Apr. 30.
- Bohnsack, John A., Cleveland Heights, and T. V. Balch, Shaker Heights, assignors to The E. F. Hauserman Company, Cleveland, Ohio. Double acting pivot spring hinge. 1,989,908; Feb. 5.
- Bohrisch, Gotthard, Muttweide, Germany. Concrete core for earth dams. 1,988,777; Jan. 22.
- Boiardi, Chef, Food Products Company, The. (See Boiardi, Hector J., assignor.)
- Boiardi, Hector J., assignor to The Chef Boiardi Food Products Company, Cleveland, Ohio. Cooker. 2,013,906; Sept. 10.
- Boiler Equipment Trust. (See Wheelock, Louis N., assignor.)
- Boiler Room Improvement Co. (See McNeill, Frederic.)
- Boiseller, Earl D., assignor to American Flyer Mfg. Co., Chicago, Ill. Toy locomotive construction. 1,997,922; Apr. 16.
- Boiseller, Earl D., Glen Ellyn, assignor to American Flyer Manufacturing Company, Chicago, Ill. Toy typewriter. 1,989,785; Feb. 5.
- Boiseller, Earl D., Glen Ellyn, assignor to American Flyer Manufacturing Company, Chicago, Ill. Motor mounting for toy locomotives. 2,002,256; May 21.
- Boiseller, Earl D., Glen Ellyn, assignor to American Flyer Manufacturing Company, Chicago, Ill. Remote control for toy electric vehicles. 2,013,947; Sept. 10.
- Boiseller, Earl D., Glenellyn, assignor to American Flyer Manufacturing Company, Chicago, Ill. Crossover for toy railways. 2,021,045; Nov. 12.
- Boissoneau, Kermit E., Spokane, Wash. Mechanical toy. 2,006,881; July 2.
- Boissoneau, Kermit E., Spokane, Wash. Mechanical toy. 2,013,709; Sept. 10.
- Boisvert, Arthur L., Keene, N. H. Transmission. 2,015,057; Sept. 24.
- Boitel, Achille F., Berlin-Wilmersdorf, assignor to W. Agahd, Berlin, Germany. Nut locking device. 1,996,716; Apr. 2.
- Boker, Vitus A., Minneapolis, Minn. Punch press. 1,997,292; Apr. 9.
- Boker, Vitus A., Minneapolis, Minn. Metal sawing and filing machine. 2,018,831; Oct. 29.
- Bol, Cornelis, Eindhoven, Netherlands, assignor to General Electric Company, Illuminating device. 1,994,300; Mar. 12.
- Bol, Cornelis, Eindhoven, Netherlands, assignor to General Electric Company, Gaseous electric discharge device. 2,001,516; May 14.
- Bol, Cornelis, Eindhoven, Netherlands, assignor to General Electric Company, Gaseous electric discharge lamp device. 2,004,564; June 11.
- Bol, Cornelis, Eindhoven, Netherlands, assignor to General Electric Company, Gaseous electric discharge lamp device. 2,009,220; July 23.
- Bol, Cornelis, and H. A. W. Klinkhamer, Eindhoven, Netherlands, assignors to General Electric Company, Gaseous electric discharge lamp device. 1,990,164; Feb. 5.
- Bol, Cornelis, and E. G. Dorgelo, Eindhoven, Netherlands, assignors to General Electric Company, Gaseous electric discharge device. 2,004,565; June 11.
- Bol, Cornelis, and A. Linnemans, Eindhoven, Netherlands, assignors to General Electric Company, Electric device. 2,020,718; Nov. 12.
- Bolagek, Frank, Foley, Minn. Pump jack. 2,025,433; Dec. 24.
- Boland, Edward L., Bayonne, N. J., assignor, by mesne assignments, to Fuller Lehigh Company, Fuel burner. 1,994,461; Mar. 19.
- Bolander, Phillip A., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,017,888; Oct. 22.
- Bolduc, Albert, Detroit, Mich. Switch. 2,020,352; Nov. 12.
- Bolen, Jesse T., G. E. Earnest, and J. E. Newham, Klamath Falls, Ore. Attachment for road scrapers. 2,012,654; Aug. 27.
- Bolen, Paul, Atlanta, Ga., assignor, by mesne assignments, to American Leclith Company, Cleveland, Ohio. Dyeing. 2,020,496; Nov. 12.

- Bolens, Harry W., Port Washington, Wis. Power operated mower. 2,017,524; Oct. 15.
- Boldens Gruvaktiebolag. (See Smitt, Gosta Johan Jakob, assignor.)
- Bollne, John, Minneapolis, Minn. Ski. 1,998,702; Apr. 23.
- Bollingbroke, John. (See Waring, T. D., and Bollingbroke.)
- Boll, Lester P., University City, and Theodore Birkenmaier, assignors to W. N. Matthews Corporation, St. Louis, Mo. Fuse switch. 1,993,083; Mar. 5.
- Boll, Lester P., University City, and T. Birkenmaier, assignors to W. N. Matthews Corporation, St. Louis, Mo. Fuse switch. 2,000,876; May 7.
- Boll, Lester P., University City, and T. Birkenmaier, assignors to W. N. Matthews Corporation, St. Louis, Mo. Fuse switch. 2,003,768; June 4.
- Bollaert, Medard F., Oakland, Calif. Punch press. 1,988,935; Jan. 22.
- Boller, Ernest R., Cleveland Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Molecular addition compounds of manganese nitrate, urea, and water. 1,986,495; Jan. 1.
- Boller, Ernest R., Cleveland Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Oxidation of arsenious acid. 1,992,053; Feb. 19.
- Boller, Ernest R., Cleveland Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Engraver's etching acid of increased efficiency. 1,994,499; Mar. 19.
- Boller, Ernest R., Cleveland Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Etching zinc plates. 1,994,500; Mar. 19.
- Boller, Ernest R., Cleveland Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Mordant. 2,000,576; May 7.
- Boller, Ernest R., Willoughby, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Flaked sodium bisulphate compositions. 1,998,605; Apr. 23.
- Boller, Ernest R., Willoughby, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Flaked sodium chloride composition. 2,018,633; Oct. 22.
- Boller, Ernest R., Cleveland Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Making an easily water soluble alkali metal metasilicate. 2,018,632; Oct. 22.
- Boller, Nicholas B., Los Angeles, Calif. Combined concrete and wooden bench. 2,025,088; Dec. 24.
- Bolling, Robert P., Detroit, Mich. Bake oven. 2,002,655; May 28.
- Böllinger, Hanns S. W., Frankenthal, Germany. Hydrodynamic coupling for rotary shafts. 1,990,021; Feb. 5.
- Bollinger, John B., San Francisco, Calif. Burglarproof window screen. 2,013,024; Sept. 3.
- Bollman, Roland R., Mount Washington, and C. L. Ornes, assignors to The Perfect Manufacturing Company, Cincinnati, Ohio. Method and material for repairing shoes. 2,004,059; June 4.
- Bollmann, Martin, Dessau in Anhalt, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Cosmological preparation. 1,995,663; Mar. 26.
- Bollweg, Bernhard. (See Zeh, L., Bauer, and Bollweg.)
- Bolognino, Andrew, New York, N. Y. Ticket machine. 2,000,159; May 7.
- Bolster, Ernest L., assignor to Chair Town Manufacturing Co., Gardner, Mass. Securing device for convertible high chairs. 2,004,648; June 11.
- Bolt, Malou C., East Radford, Va., assignor to The American Valve and Meter Company, Cincinnati, Ohio. Lubricating car wheels and rails. 1,991,725; Feb. 19.
- Bölter, Wilhelm, assignor to Anker-Werke Aktiengesellschaft, Bielefeld, Germany. Locking device for bobbin housings of sewing machines. 2,019,390; Oct. 29.
- Bolton, Archer L., North Andover, assignor to John W. Bolton and Sons, Inc., Lawrence, Mass. End held lining for Jordan engine shells. 1,994,061; Mar. 12.
- Bolton, Elmer K., and O. M. Hayden, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical product and preparing same. 2,014,198; Sept. 10.
- Bolton, Harry D., assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 2,021,283; Nov. 19.
- Bolton, Henry D. (See Baggett, H. T., and Bolton.)
- Bolton, John K., Chatham, and G. H. Zieschang, Morrisstown, N. J., assignor to American Telephone and Telegraph Company, Hanger for books. 1,986,790; Jan. 8.
- Bolton, John W., assignor to Lunkenheimer Company, Cincinnati, Ohio. Alloy and making same. 1,988,153; Jan. 15.
- Bolton, John W., Hamilton, and S. A. Weigand, assignors to The Lunkenheimer Company, Cincinnati, Ohio. Alloy. 1,988,154; Jan. 15.
- Bolton, John W., and Sons, Inc. (See Bolton, Archer L., assignor.)
- Bolton, Ralph S., Miami Beach, Fla. Apparatus for manufacturing vari-colored tile. 2,007,961; July 16.
- Bomberger, Allen H., Ephrata, Pa. Combined salt and pepper shaker. 2,000,818; May 7.
- Bommer, Emil, Brooklyn, N. Y. Adjustable door support and coupling. 2,004,187; June 11.
- Bommer, Emil, deceased, Brooklyn, N. Y., G. Bommer, J. F. Voelkel, and C. F. Gehrmann, executors. Door check and closer. 2,015,988; Oct. 1.
- Bommer, Emil, deceased, Brooklyn, N. Y., G. Bommer, J. F. Voelkel, and C. F. Gehrmann, executors. Door check and closer. 2,015,989; Oct. 1.
- Bommer, Gustave, executor et al. (See Bommer, Emil.)
- Bommer, Max. (See Hauser, H., and Bommer.)
- Bommer, Max. (See Utzinger, M., and Bommer.)
- Bomonti & Company. (See Bomonti, Herman F., assignor.)
- Bomonti, Herman F., Honolulu, assignor to Bomonti & Company, Ltd., Honolulu, Hawaii. Sugar refining. 2,015,375; Sept. 24.
- Boname, Georges L. F. (See Billon, M. M. M., and Boname.)
- Boname, Georges, and A. Munerelle, Paris, France, assignors, by mesne assignments, to United States Holding Corporation. Thermic regulator for electric circuits. 2,020,295; Nov. 12.
- Bonamico, Charles, assignor to Dufaycolor Limited, London, England. Cinematograph color film bearing a sound record. 2,008,239; July 16.
- Bonanno, Joseph L., Forest Hills, N. Y. Making commutators, and blanks for use therein. 1,994,062; Mar. 12.
- Bonanno, Joseph L., Forest Hills, N. Y., assignor to Radio Corporation of America. Constant band width receiver. 1,999,648; Apr. 30.
- Bonanno, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Self propelled toy. 2,006,156; June 25.
- Bonanno, Nick, Rochester, N. Y. Table and endless conveyor. 1,996,637; Apr. 2.
- Bonat, Harry, et al. (See Katcher, Morris, assignor.)
- Bonat, Harry, New York, N. Y. Apparatus for waving hair. 1,987,280; Jan. 8.
- Bonat, Samuel, et al. (See Katcher, Morris, assignor.)
- Bonat, Samuel, & Bro. (See Katcher, Morris, assignor.)
- Bonath, Klaus. (See Beck, W., and Bonath.)
- Bond Charles Company. (See Grundy, John R., assignor.)
- Bond, Charles L., Los Angeles, Calif. Carton stuffing machine. 2,011,793; Aug. 20.
- Bond Electric Corporation. (See Barber, G. H., and Pratt, assignors.)
- Bond Electric Corporation. (See Fleckenstein, C. T., and Byrne, assignors.)
- Bond Electric Corporation. (See Reinhardt, Otto K., assignor.)
- Bond Electric Corporation. (See Stimson, Frank G., assignor.)
- Bond Electric Corporation. (See Younkman, George W., assignor.)
- Bond, Harlan A. (See Lacy, B. S., and Bond.)
- Bond, Harlan A., Niagara Falls, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for the vaporization of formamide. 1,999,390; Apr. 30.
- Bond, Harlan A., Metuchen, and L. B. Smith, Woodbridge, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Oxidizing aliphatic alcohols to aldehydes. 2,005,645; June 18.
- Bond, Ignatius, Evanston, assignor of one-half to K. Reifenberg, Chicago, Ill. Screw threading tool. 2,019,391; Oct. 29.
- Bond, Lee, and L. C. Bond, Brookfield, Mo., assignors to The Davis Company, Omaha, Nebr. Garment stretcher. 2,004,848; June 11.
- Bond, Le Roy C. (See Bond, Lee, and C.)
- Bond Manufacturing Corporation. (See Gravely, J. S., and Kersey, assignors.)
- Bond Manufacturing Corporation. (See Hoffecker, John W., assignor.)
- Bond, Marion E. (See Cotter, W. F., and Bond.)
- Bond, William D., Memphis, Tenn. Flower package. 1,994,333; Mar. 12.
- Bondbright, John M., Detroit, Mich. Ventilating the interior of automobile bodies. 2,001,763; May 21.
- Bone, Herbert L., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch circuit controller. 1,989,128; Jan. 29.
- Bone, Herbert L., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 1,990,521; Feb. 12.
- Bone, Herbert L., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track skate. 2,002,217; May 21.
- Bone, Herbert L., assignor to The Union Switch & Signal Company, Swissvale, Pa. Fluid pressure distribution system. 2,003,034; May 28.
- Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 1,996,139; Apr. 2.
- Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Car retarder structure. 1,998,116; Apr. 16.
- Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,007,673; July 9.
- Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,007,674; July 9.
- Bone, Herbert L., Swissvale, and J. W. Logan, Jr., Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,003,035; May 28.

- Bone, Herbert L., Pittsburgh, and H. C. Clausen, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,014,551; Sept. 17.
- Bongiovanni, Luca, Turin, Italy. Reversing gear for flying machines. 1,995,467; Mar. 26.
- Bongrand, Jean E. C. (See Lejeune, Léon S. M., and Bongrand.)
- Bongrand, Jean E. C., Paris, and Léon S. M. Lejeune, Wasquehal, France. Manufacture of threads of textile material. 1,986,319; Jan. 1.
- Bongrand, Jean E. C., Paris, and L. S. M. Le Jeune, Wasquehal, France. Impregnation of textile materials by latex. 2,004,029; June 4.
- Bongrand, Jean E. C., Paris, and L. S. M. Lejeune, Wasquehal, France. Thread composed of textile fibers. 2,008,127; July 16.
- Bonham, Guy I., Bayside, N. Y. Holder for styptic pencils and the like. 1,990,929; Feb. 12.
- Bonham, Walter R., Palo Alto, Calif. Transmission machine. 2,022,555; Nov. 26.
- Bonhôte, Gerald, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of azo dyestuffs. 2,016,737; Oct. 8.
- Bonhôte, Gerald, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Blue azo-dyestuff. 2,016,738; Oct. 8.
- Bonhôte, Gerald, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Diazo preparations and making same. 1,993,433; Mar. 5.
- Bonhôte, Gerald, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs. 2,008,346; July 16.
- Bonhôte, Gerald, Basel, and M. Schmid, Riehen near Basel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Arylide of pyrazolone-carboxylic acids and making same. 1,991,313; Feb. 12.
- Bonhôte, Gerald, Basel, and M. Schmid, Riehen, near Basel, assignors to firm of Society of Chemical Industry in Basle, Basel, Switzerland. Unsulphonated azo-dyestuff and making same. 1,999,438; Apr. 30.
- Bonhôte, Gerald, and J. Danuser, assignors to the firm Society Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs and making same. 2,010,746; Aug. 6.
- Bonn, Robert A., New York, N. Y. Box. 2,025,410; Dec. 24.
- Bonn, Robert M., Maplewood, N. J., assignor to The Arco Manifold Co. Inc. Manifold book. 2,020,287; Nov. 12.
- Bonnalle, Allan F. (See Humphries, A. G., and Bonnalle.)
- Bonnell, Harold D., Plainfield, N. J. Agitating apparatus. 2,017,116; Oct. 15.
- Bonnell, William A., New York, N. Y. Cable connector. 2,003,676; June 4.
- Bonner, Alvin W., Kansas City, Mo. Vaginal applicator. 2,025,373; Dec. 24.
- Bonner, James M., Jr., Los Angeles, Calif. Depressed tank construction for water closets. 2,013,231; Sept. 3.
- Bonness, Paul H. (See Casagrande, L. B., and Bonness.)
- Bonney-Floyd Company, The. (See Floyd, W. B., and Edmunds, assignors.)
- Bonney-Floyd Company, The. (See Gregg, A. W., and Frank, assignors.)
- Bonney Forge and Tool Works. (See MacGregor, Louis J., assignor.)
- Bonney, Robert D., Glen Ridge, and A. G. de Boer, Kearny, N. J., assignors to Congoleum-Nairn, Inc. Adhesive composition. 1,991,007; Feb. 12.
- Bonney, Robert D., Glen Ridge, and W. S. Egge, West Orange, N. J., assignors to Congoleum-Nairn Inc. Protective coating composition. 2,013,336; Sept. 3.
- Bonnie, Joseph. (See Rick, E., and Bonnie.)
- Bonnicksen, Cyril W., Slough, assignor to Protectoglass Limited, London, England. Coating of glass and other objects with varnish film. 1,994,269; Mar. 12.
- Bonnicksen, Cyril W., Slough, assignor to Protectoglass Limited, London, England. Manufacture of safety glass. 2,004,518; June 11.
- Bonnot Company, The. (See Bonnot, Louis C., assignor.)
- Bonnot Company, The. (See Clemens, Eugene C., assignor.)
- Bonnot, Louis C., Louisville, assignor to The Bonnot Company, Canton, Ohio. Method and apparatus for plastic material manufacture. 1,987,358; Jan. 8.
- Bonnot, Louis C., Louisville, Ky., assignor to The Bonnot Company, Canton, Ohio. Products of plastic materials. 1,995,791; Mar. 26.
- Bonorden, Allen R. (See Miller, C. G., and Bonorden.)
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Refrigerator car. 1,989,263; Jan. 29.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Side plate for freight cars. 1,989,264; Jan. 29.
- Bonser, Thomas H. (See Pearse, T. C., and Bonser.)
- Bontemps, Joseph, Richmond Hill Circle, assignor to Hatfield Smith, Brooklyn, N. Y. Safety hinge. 1,986,496; Jan. 1.
- Bontrager, Daniel J., Portland, Oreg. Scooter. 2,002,520; May 28.
- Bonvallet, Maurice P., St. Anne, Ill. Vegetable stalk cutter and grader. 1,992,688; Feb. 26.
- Booe, James M., assignor to P. R. Mallory & Co., Incorporated, Indianapolis, Ind. Dialyzing paper condenser. 1,989,129; Jan. 29.
- Booge, James E., assignor to Krebs Pigment & Color Corporation, Newark, N. J. Calcium sulphate-zinc sulphide pigment. 2,016,537; Oct. 8.
- Booge, James E., Newark, N. J., R. M. McKinney, Linthicum Heights, Md., and R. W. Sullivan, Richardson Park, Del., assignors to Krebs Pigment & Color Corporation, Newark, N. J. Making anhydrite. 2,006,342; July 2.
- Booge, James E., and R. S. Radcliffe, assignors to Krebs Pigment & Color Corporation, Newark, N. J. Producing lithopones of low oil absorption. 2,016,536; Oct. 8.
- Booharin, Leo Y., San Francisco, Calif., assignor of one-third to W. H. Lea and one-third to B. Werner. Breathing mask. 2,005,072; June 18.
- Booharin, Leo Y., assignor of one-third to B. Werner and one-third to F. Muller, San Francisco, Calif. Breathing mask. 2,008,677; July 23.
- Booman, John A., Queens Village, N. Y. Automatic cutting machine. 2,015,990; Oct. 1.
- Boon, Carl R. H., Glasgow, Scotland. Change speed gearing. 2,013,126; Sept. 3.
- Boon, Joseph L., assignor to Eastman Kodak Company, Rochester, N. Y. Direct view finder. 2,000,577; May 7.
- Boone, Pearly B., San Francisco, Calif. Electric cord plug. 2,020,015; Nov. 5.
- Roone, Charles G., assignor, by mesne assignments of New Deal Specialty Co., Inc., Okmulgee, Okla. Pipe cleaning machine. 2,012,715; Aug. 27.
- Boonton, John H., and H. Leicester, England. Reverse plating. 2,001,653; May 14.
- Boorum & Pease Company. (See Bingham, Frederick C., assignor.)
- Boorum & Pease Company. (See Paulsen, Christian, assignor.)
- Boosey, Edward W. N., Detroit, Mich. Roof sump or floor drain. 1,999,277; Apr. 30.
- Booss, Frederick E. E., Lancaster, assignor to Gould Storage Battery Corporation, Depew, N. Y. Protecting device for storage battery plates. 1,990,976; Feb. 12.
- Booss, Frederick E. E., Lancaster, assignor to Gould Storage Battery Corporation, Depew, N. Y. Specific gravity indicator. 2,005,671; June 18.
- Booth, Byron C. (See Tichenor, C. M., and Booth.)
- Booth, Charles F., Anniston, Ala., assignor to Swann Research, Incorporated. Producing disodium phosphate. 2,017,828; Oct. 15.
- Booth, Clement. (See Binns, G. W., and Booth.)
- Booth, Clement. (See Einstein, S., and Booth.)
- Booth, Clement. (See Foerster, A. W., and Booth.)
- Booth, Clement, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,004,427; June 11.
- Booth, Clement and A. Strom, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,002,489; May 28.
- Booth, Clement, and F. S. Haas, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,004,426; June 11.
- Booth, Clement, and S. Einstein, Cincinnati, Ohio, assignors, by mesne assignments, to The Heald Machine Company, Worcester, Mass. Grinding workpieces. 2,004,649; June 11.
- Booth, Earl C. (See Goshorn, R. R., and Booth.)
- Booth, Earl C. (See Noblitt, Q. G., Booth and Ludlow.)
- Booth & Flinn Company. (See Hockensmith, George I., assignor.)
- Booth, George M. (See Sovulwskil, L. G., and Booth.)
- Booth, George M. (See Tryon, R. W., and Booth.)
- Booth, George W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Preparing laminated article. 1,993,254; Mar. 5.
- Booth, Harold S., Cleveland Heights, Ohio. Decolorizing alkaline earth sulphates. 2,013,401; Sept. 3.
- Booth, Irving E., Rochester, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Finishing machine. 1,986,969; Jan. 8.
- Booth, Ralph D., Brookline, Mass., assignor of one-half to Jackson & Moreland, and one-half to Standard Oil Development Company. Utilization of high pressure gas. 2,002,565; May 28.
- Booth, Robert, assignor to Robert Booth & Company, Dover, N. J. Vehicle wheel. 1,998,415; Apr. 16.
- Booth, Robert, & Company. (See Booth, Robert, assignor.)
- Booth, William N., assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Wheel. 1,991,489; Feb. 19.
- Boothby, Clinton R., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostatic protection for motors. 1,997,673; Apr. 16.
- Boothby, Clinton R., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor support. 2,012,417; Aug. 27.
- Boothby Fibre Can Company. (See Gazette, Marshall E., assignor.)
- Boothe, Eugene F., assignor to James R. Kearney Corporation, St. Louis, Mo. Fuse link. 1,998,042; Apr. 16.
- Boothman, Dale M., Oakmont, Pa. Golf stroke practice device. 1,989,542; Jan. 29.
- Boothman, Dale M., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Manufacture of aluminum bronze powder. 2,017,850; Oct. 22.
- Boothman, Dale M., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Producing bronze powder pigments. 2,017,851; Oct. 22.
- Boothroyd, Hubert. (See Woodcock, R. B., and Boothroyd.)

- Booton, Herman. (See Booton, John H., and H.)
 Boots, Edmund R., New York, N. Y. Headlight dimming means. 2,008,347; July 16.
 Booty, Philip C. P., Chicago, Ill. Dispensing holder. 2,026,266; Dec. 31.
 Boepa, Angela, Peekskill, N. Y. Shoulder strap holder. 2,004,305; June 11.
 Bopp, Frederick W., Providence, R. I. Making jewelry chains. 2,001,483; May 14.
 Borberg, Adolf, Short Hills, N. J., assignor to Dortmund Hoerder Huettten-verein Aktiengesellschaft, Dortmund, Germany. Box piling. 2,002,521; May 28.
 Borberg, Adolf, Short Hills, N. J., assignor to Dortmund Hoerder Huettten-verein Aktiengesellschaft, Dortmund, Germany. Reverse angle interlock piling. 2,004,188; June 11.
 Borchert, Fred L. (See Borchert, William and F. L.)
 Borchert, William and F. L., Rockford, Ill. Spark plug tester. 1,990,772; Feb. 12.
 Bordas, Ethel, assignor of one-half to Frieda Klusmann, San Francisco, Calif. Cooking device. 2,013,337; Sept. 3.
 Borden, Arthur G., assignor to The Electro-Inhaler Co., Inc., Washington, D. C. Nasal inhaler. 1,986,247; Jan. 1.
 Borden Company, The. (See Ansbacher, S., Flanigan, and Supplee, assignors.)
 Borden Company, The. (See Flanigan, G. F., and Supplee, assignors.)
 Borden Company, The. (See Green, Lee B., assignor.)
 Borden Company, The. (See Krotzer, Henry W., assignor.)
 Borden Company, The. (See Mapes, Leslie A., assignor.)
 Borden Company, The. (See McClatchie, John M., assignor.)
 Borden Company, The. (See Pealer, Robert B., assignor.)
 Borden Company, The. (See Pennington, Mary E., assignor.)
 Borden Company, The. (See Pennington, M. E., and Thomas, assignors.)
 Borden Company, The. (See Platt, Washington, assignor.)
 Borden Company, The. (See Supplee, G. C., and Flanigan, assignors.)
 Borden Company, The. (See Supplee, G. C., Flanigan, and Bender, assignors.)
 Borden, Henry M., Minneapolis, Minn. Hasp lock. 1,988,185; Jan. 15.
 Borden, John A., Philadelphia, Pa. Holder for road maps and the like. 1,993,589; Mar. 5.
 Borden, Joseph H., Elkins Park, and N. R. Guilbert, Jr., assignors to Atlantic Elevator Company, Philadelphia, Pa. Elevator. 1,986,620; Jan. 1.
 Borden, Moro M., assignor to Simplex Valve and Meter Company, Philadelphia, Pa. Automatic volume controller. 1,988,992; Jan. 22.
 Borden, Moro M., Philadelphia, Pa., and A. W. Sweeten, Pitman, N. J., assignors to Simplex Valve & Meter Company, Philadelphia, Pa. Pressure differential connection for meters. 1,999,080; Apr. 23.
 Borden, Perry A. (See Bristol, C. W., and Borden.)
 Borden, Perry A., assignor to The Bristol Company, Waterbury, Conn. Electrical measuring instrument. 1,987,177; Jan. 8.
 Borden, Perry A., assignor to The Bristol Company, Waterbury, Conn. Device for damping oscillations in instruments. 2,021,168; Nov. 19.
 Borden, Perry A., Waterbury, Conn., and H. W. Moss, Detroit, Mich., assignors to The Bristol Company, Waterbury, Conn. Temperature measuring and/or control apparatus. 2,015,838; Oct. 1.
 Borden, Stephen W. (See Roe, Ralph C., assignor.)
 Bordener, John, Detroit, Mich. Combination bottle opener. 2,004,974; June 18.
 Bordges, Joseph S. (See Black, Samuel M., assignor.)
 Borel, Roger, Paris, France, assignor to Societe Anonyme Edouard Dubied & Compagnie, Neuchatel, Switzerland. Infatier connector. 2,013,846; Sept. 10.
 Boren, William C., Jr. (See Porter, H. W., and Boren.)
 Boren, William C., Jr. (See Porter, H. W., and Boren.)
 Borg & Beck Company, The. (See Nutt, Harold, assignor.)
 Borg-Warner Corporation. (See Avery, Howard W., assignor.)
 Borg-Warner Corporation. (See Blood, Howard E., assignor.)
 Borg-Warner Corporation. (See Carlson, Raymond A., assignor.)
 Borg-Warner Corporation. (See Darbyshire, Leonard H., assignor.)
 Borg-Warner Corporation. (See Fishburn, Otto E., assignor.)
 Borg-Warner Corporation. (See Ingersoll, Stephen L., assignor.)
 Borg-Warner Corporation. (See Lyman, Kenneth E., assignor.)
 Borg-Warner Corporation, The. (See Nutt, H., and Reed, assignor.)
 Borg-Warner Corporation. (See Rauhen, Carl F., and J. T., assignors.)
 Borg-Warner Corporation. (See Robbins, Henry H., assignor.)
 Borg-Warner Corporation. (See Ruesenberg, Carl A., assignor.)
 Borg-Warner Corporation. (See Swennes, Benjamin A., assignor.)
 Borg-Warner Corporation. (See Swennes, B. A., assignor, and Miller.)
 Borg-Warner Corporation. (See Swenson, Carl E., assignor.)
 Borg-Warner Corporation. (See Waisner, Horace L., assignor.)
 Borgerd, William F., Chicago, Ill., assignor to International Harvester Company. Impulse coupling for magnetos. 2,015,546; Sept. 24.
 Borgerd, William F., Riverside, and C. A. Uherek, Chicago, Ill., assignors to International Harvester Company. Magneto. 1,999,030; Apr. 23.
 Borgfeldt, Richard, Metuchen, N. J. Piston ring. 2,021,830; Nov. 19.
 Borglin, Joseph N., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Refining rosin. 1,990,367; Feb. 5.
 Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Preparation of terpene esters of dicarboxylic acids. 2,011,707; Aug. 20.
 Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Heterocyclic-esters of resin acids. 2,012,622; Aug. 27.
 Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Refining rosin. 2,018,634; Oct. 22.
 Borglin, Joseph N., Wilmington, and L. N. Bent, Holly Oak, assignors to Hercules Powder Company, Wilmington, Del. Treating rosin and rosin product. 1,995,600; Mar. 26.
 Borgman, Joseph A., Lancaster, Pa. Swimming glove. 2,016,538; Oct. 8.
 Borgna, Giulio, Pinerola, Italy. Change speed device. 1,993,131; Mar. 5.
 Borgwardt, Erich. (See Schoeller, W., and Borgwardt.)
 Borias, Paul, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Automatic gain control. 2,010,842; Aug. 13.
 Borino, Antonio, Nutley, N. J. Life preserver mattress. 2,021,713; Nov. 19.
 Borloz, Leopold C. (See Johnstone, R. McC., and Borloz.)
 Born, Esther F., executrix. (See Baum, Frank G.)
 Born, George E., assignor to Bocil Corporation, Pittsburgh, Pa. Tile and like wall construction. 2,016,918; Oct. 8.
 Born, William F., Lakewood, and O. H. Jobski, assignors to The West Steel Casting Company, Cleveland, Ohio. Resilient support for manhole cover. 1,987,502; Jan. 8.
 Born, William T., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Seismic surveying. 2,003,780; June 4.
 Börner, Richard P., West Reading, assignor to The Nolde and Horst Company, Reading, Pa. Stocking. 2,018,248; Oct. 22.
 Bornhauser, Okar, Frankfurt-on-the-Main, Germany, assignor to Heberlein & Co., A. G., Wattwil, Switzerland. Compositions of animal proteins of high molecular weight and producing same. 2,007,633; July 9.
 Bornman, Graham W., Clarksdale, Miss. Agricultural implement. 1,992,116; Feb. 19.
 Bornmann, Carl, and B. C. Roehrl, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Photographic camera. 2,002,076; May 21.
 Bornmann, Carl, L. W. Lessler, and E. H. Heyer, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Folding camera. 2,005,820; June 25.
 Bornstein, Hyman, assignor to Deere & Company, Moline, Ill. Making plowshares. 1,989,967; Feb. 5.
 Borresen, Helge A., Chicago, Ill. Hose clamp. 1,999,683; Apr. 30.
 Borrmann, Waldemar, Badersleben, and F. Ahrens, Vogelsdorf Kreis Oschersleben, Germany. Piston for internal combustion engines. 2,012,373; Aug. 27.
 Borroughs, Joseph N., Oakland, Calif. Towel apparatus and method of laundering the same. 2,020,170; Nov. 5.
 Borrowman, George, Evanston, Ill. Water purifying material and preparing and using the same. 1,994,682; Mar. 19.
 Borrowman, James. (See McElhany, R. D. and Borrowman.)
 Borsari-Fischer, Heinrich, Zollikon, near Zurich, Switzerland. Covering walls. 1,993,472; Mar. 5.
 Borsari-Fischer, Heinrich, Zollikon, near Zurich, Switzerland. Ferro-concrete container. 1,999,325; Apr. 30.
 Borsig, A., Maschinenbau, A.-G. (See Oehl, Willy, assignor.)
 Borson, Ben, and Jules Van Hee, Minnesota, Minn. Automatic bucket trolley. 2,012,217; Aug. 20.
 Borsook, Louis, Toronto, Ontario, Canada. Knitting machine and process for knitting beret caps and the like. 2,000,373; May 7.
 Borst, Walter J., assignor to Deere & Company, Moline, Ill. Anvil for harvesters. 1,997,674; Apr. 16.
 Borton, Clement A., Llanerch, Pa., assignor to The Autocar Company, Ardmore, Pa. Producing a cam follower. 2,014,612; Sept. 17.
 Boruff, Clair S. (See Buswell, A. M., and Boruff.)
 Bosau, Charles, et al. (See Teckemeyer, John F., F. W., and G. A., assignors.)
 Bosch, Henry Jr., San Francisco, Calif. Retrieving mechanism. 2,010,006; Aug. 6.
 Bosch, Max, Berlin-Reinickendorf/Ost, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Frequency converter system. 2,011,612; Aug. 20.

- Bosch, Robert, Aktiengesellschaft. (See Arnold, H., and Bobler, assignors.)
- Bosch, Robert, Aktiengesellschaft. (See Baumgratz, E., Kratz, and Steinhart, assignors.)
- Bosch, Robert, Aktiengesellschaft. (See Beer, K., and Pfommer, assignors.)
- Bosch, Robert, Aktiengesellschaft. (See Callsen, Albert, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Dobler, E., Schulz, and Holm, assignors.)
- Bosch, Robert, Aktiengesellschaft. (See Eisemann, Ernst, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Gutjahr, Emil, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Heinrich, H., and Voit, assignors.)
- Bosch, Robert, Aktiengesellschaft. (See Kazenmaier, A., Allendorf, and Schmid, assignors.)
- Bosch, Robert, Aktiengesellschaft. (See Klaiber, Erich, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Kratz, F., and Baumgratz, assignors.)
- Bosch, Robert, Aktiengesellschaft. (See Menzel, Friedrich, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Steinhart, H., Kratz, and Baumgratz, assignors.)
- Bosch, Robert, Aktiengesellschaft. (See Stockmeyer, Friedrich W., assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Zeininger, Gustav, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Zeininger, G. and Holm, assignors.)
- Boschian, Erminio et al. (See Basso, Giovanni, assignor.)
- Boschian, John B. et al. (See Basso, Giovanni, assignor.)
- Boser, Otto J., Radebeul, assignor to Chemische Fabrik von Heyden, A. G., Radebeul, near Dresden, Germany. Composition of matter. 1,991,726; Feb. 19.
- Bosing, Ernest A. (See Bretschger, M. E., and Bosing.)
- Bosland, Herman S., Paterson, N. J., and F. G. La Plana, Forest Hills, N. Y., assignors to Stein, Hall & Company, Inc. Size composition for artificial silk. 2,010,134; Aug. 6.
- Bosma, Alfred S., New Holstein, Wis., assignor to F. H. Edson & C. O. Piper, receivers of the Lanson Corporation. Automatic friction clutch. 2,024,677; Dec. 17.
- Bosnian, Luther H., assignor to Chain Belt Company, Milwaukee, Wis. Chain pindle. 2,012,947; Sept. 3.
- Bosomworth, George P., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Temperature indicating device. 2,007,118; July 2.
- Bosomworth, George P., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Removing vulcanized articles from molds and apparatus therefor. 2,023,002; Dec. 3.
- Bosque, José V., Santiago de Cuba, Cuba. Trunk. 1,989,073; Jan. 29.
- Boss Manufacturing Company, The. (See Elkus, Edward, assignor.)
- Bossart, Otto A., and E. G. Eberhardt, assignors to Modine Manufacturing Company, Racine, Wis. Condenser tube. 2,017,201; Oct. 15.
- Bossert Corporation, The. (See Johnson, H. S., and Schroeder, assignors.)
- Bossert, Fritz, Mannheim, Germany. Bookkeeping machine. 2,005,020; June 18.
- Bossie, Charles S., assignor to Perfection Appliances, Inc., New York, N. Y. Washing machine. 1,992,141; Feb. 19.
- Best, Henry A., Euclid, assignor to The Otis Steel Company, Cleveland, Ohio. Burning liquid fuel. 2,020,047; Nov. 5.
- Boston Blacking & Chemical Co. (See Macdonald, Alexander D., assignor.)
- Boston, Charles W., Kenmore, N. Y. Merchandise container. 2,013,199; Sept. 3.
- Boston Knitting Mills, Inc. (See Berger, Samuel L., assignor.)
- Boston Machine Works Company. (See Holmes, Raymond J., assignor.)
- Boston Stove Foundry Company. (See Glynn, Joseph E., assignor.)
- Boston Wire Stitcher Company. (See Bliss, H. R., and Allen, assignors.)
- Boston Wire Stitcher Company. (See Cavanagh, John F., assignor.)
- Boston Wire Stitcher Company. (See Horton, Albert F., assignor.)
- Boston Wire Stitcher Company. (See Maynard, Arthur H., assignor.)
- Boston Wire Stitcher Company. (See McClure, Harry T., assignor.)
- Boston Woven Hose and Rubber Company. (See Bierer, John M., assignor.)
- Boston Woven Hose and Rubber Company. (See Bierer, J. M. and Apel, assignors.)
- Boston Woven Hose and Rubber Company. (See Knowland, Thomas M., assignor.)
- Boston Woven Hose and Rubber Company. (See Patterson, James M., assignor.)
- Bostrom, Arthur E., and A. P. Summers, Spokane, Wash. Apparatus for coloring flour. 2,006,757; July 2.
- Bostrom, Elizabeth J., and A. P. Summers, Spokane, Wash. Coloring flour. 2,012,708; Aug. 27.
- Bostwick, Elwood F., Great Neck, N. Y. Mechanical scorer. 2,019,887; Nov. 5.
- Bostwick, Henry C., Coventry Township, Summit County, assignor to The Akron Standard Mold Company, Akron, Ohio. Tire building machine. 1,994,561; Mar. 19.
- Bostwick, Henry C., Coventry Township, Summit County, assignor to The Akron Standard Mold Company, Akron, Ohio. Tire machine. 2,001,050; May 14.
- Bostwick, Henry C., Coventry Township, Summit County, assignor to The Akron Standard Mold Company, Akron, Ohio. Collapsible tire building drum. 2,016,884; Oct. 8.
- Bostwick, Henry C., Coventry Township, Summit County, assignors to The Akron Standard Mold Company, Akron, Ohio. Vulcanizing press. 2,019,888; Nov. 5.
- Bostwick, Henry C., assignor to The Akron Standard Mold Company, Akron, Ohio. Collapsible tire building form. 2,020,497; Nov. 12.
- Bostwick, Lee G., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound transmitting system. 2,025,374; Dec. 24.
- Bostwick, Myron A., Spokane, Wash., and B. E. Lenehan, Bloomfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Network distribution. 2,020,931; Nov. 12.
- Boswell, James G., assignor of forty one-hundredths to W. O. Smith, Velasco, Tex. Salt dispenser. 2,007,845; July 9.
- Boswell, Robert A. (See Berman, Aaron R., assignor.)
- Bosworth, Ray, Kirkland, and F. W. Geisert, Seattle, Wash., said Geisert assignor to said Bosworth. Meat tenderer. 1,996,949; Apr. 9.
- Bosworth, Roswell I., Cranston, R. I., assignor to Guyan Mills, Inc. Curtain and making same. 1,988,978; Jan. 22.
- Botany Worsted Mills. (See De Socarras, Rudolph, assignor.)
- Botcharsky, Sophie, London, England, assignor of one-fifth to S. Teitelbaum. (Extraction of vitamins. 2,017,942; Oct. 22.
- Botenstein, Charles E. (See Widen, Henry R., assignor.)
- Bothe, Hermann. (See Leister, Julius, assignor.)
- Bots, Hermann, and E. Dür, Basel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Black dyeing sulphur dyestuffs and making same. 2,012,094; Aug. 20.
- Botson, René, and J. Kamp, Auderghem, Belgium. Preparing a rubber essence. 2,008,170; July 16.
- Bott, George R., assignor to Norma-Hoffmann Bearings Corporation, Stamford, Conn. Seal for anti-friction bearings. 1,986,621; Jan. 1.
- Bott, George R., assignor to Norma-Hoffmann Bearings Corporation, Stamford, Conn. Antifriction bearing. 1,996,610; Apr. 2.
- Bott, George R., assignor to Norma Hoffmann Bearings Corporation, Stamford, Conn. Ball and similar bearing and manufacturing the same. 2,018,701; Oct. 29.
- Bott, Perry J., Little Rock, Ark. Safety attachment for fuse pullers. 1,994,938; Mar. 19.
- Botteese, Shearman, Washington, D. C. Convertible child's vehicle. 2,001,929; May 21.
- Botten, Henry W., Shaker Heights, assignor to The Owen Bucket Company, Cleveland, Ohio. Bucket. 2,007,704; July 9.
- Bottle, Edward K., Elmira, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Record. 1,998,651; Apr. 23.
- Bottoms, James R., Butler, Pa., assignor to The American Rolling Mill Company, Middletown, Ohio. Pickling of metal pieces. 2,008,781; July 23.
- Bottoms, Robert R., assignor to The Girdler Corporation, Louisville, Ky. Preparation of 1,3-diamino-2-propanol. 1,985,885; Jan. 1.
- Bottoms, Robert R., assignor to The Girdler Corporation, Louisville, Ky. Process and apparatus for solidifying material in finely subdivided form. 2,020,719; Nov. 12.
- Bottoms, Robert R., and W. R. Wood, assignors to The Girdler Corporation, Louisville, Ky. Solidifying material. 2,013,025; Sept. 3.
- Böttler, Theodore. (See Schrauth, W., and Böttler.)
- Bottrill, David H., Montreal, Quebec, Canada. Combined soap and massage articles. 2,007,107; July 2.
- Botts, Laurence H., DeLand, Fla. Fruit picking tool. 1,997,851; Apr. 16.
- Bottsford, Edward D. (See Ralston, L. T. M. and Bottsford.)
- Bouchard, Blanche E. (See Du Grenier, Francis C., assignor.)
- Bouchard, Louis O., assignor of one-half to H. A. Rutenberg, Philadelphia, Pa. Sewing machine. 2,023,868; Dec. 10.
- Boucher, Charles P., Montreal, Quebec, Canada. Electrical system and apparatus. 2,017,273; Oct. 15.
- Boucherot, Paul. (See Claude, G., and Boucherot.)
- Bouda, Bohumil, assignor to The Collis Company, Clinton, Iowa. Mechanism and method for scalding fowls. 2,001,813; May 21.
- Boudet, Raoul P. M., Cabuzac sur Vere, France. Bifuel internal combustion engine. 2,023,634; Dec. 10.
- Boudette, Cornelius G., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,007,903; July 9.
- Boudin, Edgard, Brussels, Belgium. Speed regulator for internal combustion engine. 2,016,589; Oct. 8.
- Boudreau, Augustus, and P. L. Cobbins, Newton Lower Falls, Mass. Piston ring. 1,997,714; Apr. 16.
- Boudreau, Joseph A. (See Taylor, W. J., Boudreau and Irish.)

- Boudreau, Joseph A., and W. J. Taylor, Syracuse, N. Y., assignors to The Lamson Company, Syracuse, N. Y. Bearing. 2,012,256; Aug. 27.
- Boughton, Edward B., assignor to Lockheed Hydraulic Brake Company Limited, London, England. Brake. 2,024,963; Dec. 17.
- Boughton, Edward B., London, and G. Van Vestraut, Leamington Spa, assignors to Lockheed Hydraulic Brake Company Limited, London, England. Liquid pressure braking means for vehicles. 1,997,100; Apr. 9.
- Boughton, Edward B., W. Emmott, and D. T. Brock, London, assignors to Automotive Products Company Limited, London, England. Fluid pressure braking system. 2,008,975; July 23.
- Boughton, Eugene W., assignor to The Frank H. Lee Company, Danbury, Conn. Sweat band cutting apparatus. 2,023,911; Dec. 10.
- Boughton, Solon J., Shaker Heights, Ohio. Apparatus and method for making projection prints. 2,018,542; Oct. 22.
- Boughton, Willis A., Cambridge, assignor to New England Mica Co., Waltham, Mass. Flexible laminated insulating material and product. 1,992,907; Feb. 26.
- Boughton, Willis A., Cambridge, assignor to New England Mica Co., Waltham, Mass. Colloidal inorganic bonding composition. 2,004,030; June 4.
- Boughton, Willis A., Cambridge, assignor to New England Mica Co., Waltham Mass. Flexible mica product and making same. 2,012,948; Sept. 3.
- Boughton, Willis A., Cambridge, assignor to New England Mica Co., Waltham, Mass. Restraining crystallization of dissolved inorganic compounds in concentrated solutions. 2,016,274; Oct. 8.
- Boughton, Willis A., Cambridge, and W. R. Mansfield, Boston, assignors to New England Mica Co., Waltham, Mass. Making mica products. 2,017,943; Oct. 22.
- Bouhuys, Aeldus G., assignor to American Enka Corporation, Enka, N. C. Stop mechanism for knitting machines. 1,991,785; Feb. 19.
- Bouhuys, Aeldus G., assignor to American Enka Corporation, Enka, N. C. Lubricating natural and artificial fibers. 2,025,434; Dec. 24.
- Bouhuys, Aeldus G., assignor to American Enka Corporation, Enka, N. C. Treating natural and artificial fibers. 2,025,435; Dec. 24.
- Bouillon, Constant, assignor to The Hendey Machine Company, Torrington, Conn. Tool head. 1,986,997; Jan. 8.
- Bouillon, Constant, Torrington, assignor to The Hendey Machine Company, Torrington, Conn. Change gear attachment for machines. 2,009,726; July 30.
- Bouillon, Joseph M. F., Paris, France. Fire extinguisher. 2,025,326; Dec. 24.
- Boulanger, Charles. (See Beland, Théodophile, assignor.)
- Boulton, Albert E., Buffalo, N. Y. Window cleaning implement. 1,994,939; Mar. 19.
- Bouman, Bernhard M., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Revolving chair. 2,026,298; Dec. 31.
- Bound, Harry H. (See Fenzel, J. S., and Bound.)
- Boudry, Ray H. (See Chamberlain, L. C., and Boudry.)
- Bourdes, Adress A., and W. Yiakoumelos, assignors to Narrownap Folding Machine Company, Chicago, Ill. Combined paper converting and inserting machine. 2,014,307; Sept. 10.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Vehicle brake. 1,992,117; Feb. 19.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Mounting of twin tired wheels. 1,996,140; Apr. 2.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Twin tire construction for vehicles. 2,004,922; June 18.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Coupling for bogie axles. 2,005,607; June 18.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Guide flange for railway vehicles. 2,006,495; July 2.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont, Ferrand, France. Support or mounting for pneumatic tires. 2,018,597; Oct. 22.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Support or mounting for wheels. 2,018,598; Oct. 22.
- Bourdon, Pierre M., Paris, assignor to Michelin & Cie., Clermont-Ferrand, France. Device for use in operating track relays in railway signaling systems. 2,024,845; Dec. 17.
- Bourdon, Russell G., assignor to The Shaw-Walker Company, Muskegon, Mich. Folder paper fastener. 2,000,059; May 7.
- Bourdon, Russell G., assignor to The Shaw-Walker Company, Muskegon, Mich. Paper fastener. 2,025,495; Dec. 24.
- Bourn, Leslie E. A., Ashford, England. Electrical musical instrument. 1,996,669; Apr. 2.
- Bourne, Roland B., assignor to The Maxim Silencer Company, Hartford, Conn. Window silencer. 1,990,108; Feb. 5.
- Bourne, Roland B., assignor to The Maxim Silencer Company, Hartford, Conn. Sound attenuating device. 2,017,744; Oct. 15.
- Bourne, Roland B., assignor to The Maxim Silencer Company, Hartford, Conn. Sound attenuating device. 2,017,745; Oct. 15.
- Bourne, Roland B., assignor to The Maxim Silencer Company, Hartford, Conn. Sound attenuating device. 2,017,746; Oct. 15.
- Bourne, Roland B., assignor to The Maxim Silencer Company, Hartford, Conn. Sound attenuating device. 2,017,747; Oct. 15.
- Bourne, Roland B., assignor to The Maxim Silencer Company, Hartford, Conn. Sound attenuating device. 2,017,748; Oct. 15.
- Bourne, Stanley E. (See Collins, R. D., Reid, and Bourne.)
- Bourque, Philip, Detroit, Mich. Clutch mechanism. 2,010,796; Aug. 6.
- Bourquin, Edgar, Framingham, assignor to Warren Telechron Company, Ashland, Mass. Cyclometer clock. 1,991,241; Feb. 12.
- Bourret, Clyde E., Morrisonville, assignor of one-half to R. A. Heilman, Madison, Wis. Illuminated hose nozzle. 2,002,107; May 21.
- Bousfield, Alfred, St. Johnsbury, Vt. Increasing the capacity of scales. 2,014,275; Sept. 10.
- Bousfield, Alfred, assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Weighing scale beam. 2,014,273; Sept. 10.
- Bousfield, Alfred, assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Automatic dial scale. 2,014,274; Sept. 10.
- Bousfield, Alfred, assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Counterpoise mechanism for track scale beams. 2,014,276; Sept. 10.
- Bousfield, Alfred, assignor to E. & T. Fairbanks and Company, St. Johnsbury, Vt. Beam locking mechanism. 2,014,277; Sept. 10.
- Bousquet, Euclid W. (See Salzberg, P. L., and Bousquet.)
- Bousquet, Euclid W., Wilmington, Del., assignor, by mesne assignments, to The Grasselli Chemical Company, Cleveland, Ohio. Contact insecticide. 2,006,227; June 25.
- Bousquet, L'Roche G. (See Libbey, W. J., and Bousquet.)
- Boutet, René E., Paris, France. Calculating machine and typewriter combined. 1,998,355; Apr. 16.
- Boutillon, Edward F., Woodside, N. Y. Match package. 2,002,051; May 21.
- Bouton, Edgar M. (See Harding, W. R., and Bouton.)
- Bouton, George M. (See Schumacher, E. E., and Bouton.)
- Bouton, Walter S., Baltimore, Md. Baffle for boiler furnaces. 2,016,739; Oct. 8.
- Boutry, Pierre, Fives-Lille, assignor to Société Anonyme dite "Filiatures Boutry-Droulers," Fives-Lille, France. Spinning or twisting machine. 2,016,190; Oct. 1.
- Boutwell, Clarence E., Birmingham, Ala. Duplicating machine. 2,016,166; Oct. 1.
- Bovard, William P., assignor to The Ohio Brass Company, Mansfield, Ohio. Cable terminal device. 2,020,396; Nov. 12.
- Bouvier, Josephine, San Francisco, Calif. Book hanger and marker. 1,999,583; Apr. 30.
- Bouvier, Maurice E., Lyon, and L. D. Bardin, Veissieux, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Preparation of phenols. 1,988,156; Jan. 15.
- Bouvier, Maurice E., Lyon, L. D. Bardin, Veissieux, and J. J. Chavan, Lyon, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Manufacture of phenols from alkali arylsulphonates. 1,992,167; Feb. 26.
- Bouwers, Albert, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray apparatus and supply cable for same. 1,986,497; Jan. 1.
- Bouwers, Albert, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray apparatus. 1,990,368; Feb. 5.
- Bouwers, Albert, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. High tension contact protection. 2,002,688; May 28.
- Bouwers, Albert, W. G. Burgers, and A. Bierman, assignors to N. V. Philips & Gloeilampenfabrieken, Eindhoven, Netherlands. Apparatus for examining crystalline bodies by means of X-ray. 1,988,993; Jan. 22.
- Bouwers, Albert, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Discharge tube having a metal envelope. 2,024,332; Dec. 17.
- Bouwers, Albert, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray installation. 2,024,333; Dec. 17.
- Bouxin, Maurice J., Moulins, France. Vehicle brake tester. 2,011,238; Aug. 13.
- Bovard, Charles M., Grove City, Pa., assignor to Cooper-Bessemer Corporation, Mount Vernon, Ohio. Overspeed device. 2,003,478; June 4.
- Bovard, Floyd G., Akron, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Insulator. 1,988,155; Jan. 15.
- Bovee, Jess M. and M. J. Tacoma, Wash. Roll cover for typewriters, etc. 2,008,412; July 16.
- Bovee, Mary J. (See Bovee, Jess M., and M. J.)
- Bovet, Eric D., et al. (See Kingsley, G. E., and Loar, assignors.)
- Bovier, Archie M., Elmira, N. Y. Manfolding record. 2,005,930; June 25.
- Bovier, Lloyd S. (See Scott, W. B., Bovier, and Matthews.)

- Boville, Harry, et al. (See Cole, Edward L., assignor.)
- Bowden, Burnham, assignor to Lord & Burnham Company, Irvington-on-the-Hudson, N. Y. Detachable gutter for same. 1,999,861; Apr. 30.
- Bowden, James G., Millbury, assignor to The Felters Company, Boston, Mass. Handle grip. 2,003,917; June 4.
- Bowden, William H., assignor to The Maytag Company, Newton, Iowa. Preparing and plating an aluminum object. 1,988,645; Jan. 22.
- Bowdill Company, The. (See Bryant, Charles E., assignor.)
- Bowen, Albert H., assignor to I. F. Laucks, Inc., Seattle, Wash. Adhesive and making same. 2,014,167; Sept. 10.
- Bowen, Albert H., and T. W. Dike, assignors to I. F. Laucks, Incorporated, Seattle, Wash. Composition of matter and producing the same. 1,992,180; Feb. 26.
- Bowen, Amos M., assignor to U. S. Ring Traveler Company, Providence, R. I. Spinning or twisting device. 2,020,873; Nov. 12.
- Bowen, Edson E., Greenwich, assignor to The Fate-Root-Heath Company, Plymouth, Ohio. Plow hitch. 1,988,157; Jan. 15.
- Bowen, Everette L., Barstow, Md. Preserving pile heads. 1,996,400; Apr. 2.
- Bowen, Everette L., Barstow, Md. Pile head preserver. 1,996,401; Apr. 2.
- Bowen, Everette L., Barstow, Md. Correcting inclination in driving sectional sheet piling. 1,999,924; Apr. 30.
- Bowen, George W., Long Beach, assignor to S. R. Bowen Co., Huntington Beach, Calif. Adjustable rotary car. 2,013,127; Sept. 3.
- Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Brake mechanism. 2,008,385; July 16.
- Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Compound cylinder. 2,015,511; Sept. 24.
- Bowen, Joseph R., assignor to Hollywood Brassiere Company, Los Angeles, Calif. Brassiere. 1,997,995; Apr. 16.
- Bowen, Kenneth H., assignor to Columbian Rope Company, Auburn, N. Y. Abrading pad. 2,010,474; Aug. 6.
- Bowen, Kenneth H., assignor to Columbian Rope Company, Auburn, N. Y. Producing articles from fibers and the product thereof. 2,010,475; Aug. 6.
- Bowen, Lester W., Bronx, assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Projection lens system. 1,996,054; Apr. 2.
- Bowen, Lowell, and A. T. McPherson, Bement, Ill. Grease gun filling machine. 2,011,891; Aug. 20.
- Bowen, Myron W., assignor to Hydraulic Brake Company, Detroit, Mich. Control device. 1,997,923; Apr. 16.
- Bowen, S. R., Co. (See Bowen, George W., assignor.)
- Bowen, William S., Westfield, N. J. Spray wheel. 2,003,575; June 4.
- Bowen, William S., Westfield, N. J. Micronizer head. 2,006,987; June 25.
- Bower, Alvin L., Pittsburgh, Pa. Place-card tally. 2,016,767; Oct. 8.
- Bower, Byron F., Batavia, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article supporting device. 2,018,395; Oct. 22.
- Bower, Frank A. (See deJahn, Fredrik W., assignor.)
- Bower, George D. (See Gille, W. H. and Bower.)
- Bower, George D., Columbia Heights, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heat regulating apparatus. 1,990,813; Feb. 12.
- Bower, George D., Columbia Heights, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system for burners producing high temperature flames. 2,003,624; June 4.
- Bower, Henry, Chemical Manufacturing Company. (See Grove, Samuel F., assignor.)
- Bower, Joseph E., Lincoln, Mont. Self cleaning screen. 2,022,336; Nov. 26.
- Bower, Raymond G., assignor to Burroughs Adding Machine Company, Detroit, Mich. Paper feeding mechanism. 2,005,450; June 18.
- Bower Roller Bearing Co. (See Zimmerman, T., and Schriber, assignors.)
- Bower, Ward E., Washington, D. C. Oscillation system. 2,000,010; May 7.
- Bowerman, Roscoe, Los Angeles, Calif. Automatic station selector. 2,023,509; Dec. 10.
- Bowerman, Roscoe, Los Angeles, Calif. Automatic station selector. 2,023,510; Dec. 10.
- Bowers & Barksdale. (See Smith, Robert B., assignor.)
- Bowers, Charley, assignor of five per cent to W. Saal, New York, N. Y. Electric current subdividing connecting device. 2,006,436; July 2.
- Bowers, Edward C., receiver, et al. (See Smith, Herbert, assignor.)
- Bowers, Frank. (See Snow, N. L., Bowers, and Howse.)
- Bowers, Frank. (See Thomas, W. P., Bowers, and Gross.)
- Bowers, Frank P., Cleveland, Ohio. Resilient vehicle wheel. 2,019,068; Oct. 29.
- Bowers, George F. (See McLaren, F. H., and Bowers.)
- Bowers, John F., Harrisburg, Pa., assignor to Harrisburg Steel Corporation, Liqueur tank. 2,016,223; Oct. 1.
- Bowers, Sherman P. (See Wallace, Walter W., assignor.)
- Bowersock, Wilber E., and F. J. Spiess, assignor to The Rochester Folding Box Co., Rochester, N. Y. Method of and apparatus for making containers. 1,993,205; Mar. 5.
- Bowersox, Joseph W., Chicago, Ill., assignor to Superior Felt and Bedding Co. Mechanism for assembling coil springs. 2,012,904; Aug. 27.
- Bowersox, Marvin W., Salina, Kans. Double acting automatic draft control device. 1,988,539; Jan. 22.
- Bowes, George S., Cleveland, Ohio. Valve. 2,005,128; June 18.
- Bowes, Orlando C., Pittsburgh, Pa. Transportation of perishable foods. 2,007,154; July 9.
- Bowie, Augustus J., San Francisco, Calif. Flower presser. 1,990,522; Feb. 12.
- Bowles, Arthur G., Oakland, Calif. Cylinder press motion. 2,005,216; June 18.
- Bowles, Edward L., Watertown, Mass. Electrical system. 1,989,677; Feb. 5.
- Bowles, Edward L., Wellesley Farms, Mass. Electrical system. 1,989,678; Feb. 5.
- Bowles, Edward L., Wellesley Farms, Mass. Electric system. 1,991,372; Feb. 19.
- Bowles, Edward L., Wellesley Farms, Mass. Shielded electric system. 1,994,905; Mar. 19.
- Bowles, Edward L., Wellesley Farms, Mass. Acoustic-electric-energy converter. 1,999,862; Apr. 30.
- Bowles, Edward L., Wellesley Farms, Mass. Electrical system. 2,004,155; June 11.
- Bowles, Edward L., Wellesley Farms, Mass. Acoustic-electric-energy-converter and method. 2,014,193; Sept. 10.
- Bowles, Sherman F., San Antonio, Tex. Pipe. 2,015,781; Oct. 1.
- Bowling, Robert T., assignor, by mesne assignments, to Wood Briquettes, Inc., Lewiston, Idaho. Briquetting machine. 1,990,631; Feb. 12.
- Bowling, Robert T., assignor, by mesne assignments, to Wood Briquettes, Inc., Lewiston, Idaho. Making briquettes. 1,990,632; Feb. 12.
- Bowling, Robert T., assignor to Wood Briquettes, Inc., Lewiston, Idaho. Briquette machine. 2,013,026; Sept. 3.
- Bowlus, Benjamin H. (See Field, H. C., and Bowlus.)
- Bowlus, Benjamin H. (See Hickman, J. G., Bowlus, Jackson, and Field.)
- Bowlus, Benjamin H., and W. Schnell, assignors to Ternstedt Manufacturing Co., Detroit, Mich. Radiator cap. 1,987,663; Jan. 15.
- Bowlus, Benjamin H., and J. G. Hickman, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Radiator cap. 1,995,468; Mar. 26.
- Bowlzer, Daniel H., Cleveland, Ohio, assignor to Cordley & Hayes, New York, N. Y. Beverage dispenser. 1,986,248; Jan. 1.
- Bowman, Dean S., assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Check endorsing machine. 1,987,816; Jan. 15.
- Bowman, Harvey T., and J. A. Buser, assignors to Mitre Box Corporation, Lebanon, Pa. Method and apparatus for shaping edible products. 2,015,097; Sept. 24.
- Bowman, Henry V., Minneapolis, assignor to Bowman Products, Incorporated, St. Paul, Minn. Bottle crate. 2,003,133; May 28.
- Bowman, Henry V., Minneapolis, assignor to Bowman Products, Incorporated, St. Paul, Minn. Bottle crate. 2,003,134; May 28.
- Bowman, Henry V., Minneapolis, assignor to Bowman Products, Incorporated, St. Paul, Minn. Bottle crate. 2,003,135; May 28.
- Bowman, Jacob W., assignor to Gum Inc., Philadelphia, Pa. Entertainment device to accompany packages of merchandise. 2,023,722; Dec. 10.
- Bowman, Jay, Chicago, Ill., and V. L. Harnack, Hammond, Ind., assignors to United Chemical & Organic Products Company. Increasing the viscosity of gelatin. 2,020,234; Nov. 5.
- Bowman, John E., Buchanan, Mich. Automobile tire rim. 2,022,337; Nov. 26.
- Bowman, Kiel B. (See Cape, A. T. and Bowman.)
- Bowman, Marcus L., Portland, Oreg., assignor to Peter Kolimbot. Fruit cleaning machine. 2,012,655; Aug. 27.
- Bowman, Myrtle A., Rochester, Minn. Colostomy belt. 2,002,931; May 28.
- Bowman Products, Incorporated. (See Bowman, Henry V., assignor.)
- Bowman, Samuel B., Zanesville, Ohio. Glass feeder. 1,997,510; Apr. 9.
- Bown, Lewis H., East Aurora, N. Y., assignor to Buffalo Pottery Co., Buffalo, N. Y. Ceramic articles. 2,013,740; Sept. 10.
- Bowne, Langford J., Howard Beach, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,987,430; Jan. 8.
- Bowne, Langford J., Howard Beach, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Tie trunk line. 2,002,218; May 21.
- Bowne, Langford J., Howard Beach, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective switch. 2,005,575; June 18.
- Bowne, Muriel A. (See Glen, Thomas, Jr., assignor.)
- Bowron, Charles E., Birmingham, and A. G. Delany, Alabama City, Ala., assignors to Gulf States Steel Company. Method and apparatus for separating sheets from a rolling mill. 1,989,735; Feb. 5.
- Bowser, Percy L. (See Flammang, J., and Bowser.)
- Bowser, Percy L. (See Flammang, J., Bowser, and Ernst.)
- Bowser, Raymond R., near Dayton, and J. E. Miltenberger, Jr., Dayton, Ohio. Liquid dispensing container. 2,018,943; Oct. 29.
- Bowser, S. F. & Company. (See Griffith, Clement P., assignor.)

- Bowser, S. F., & Company. (See Marvel, Harvey E., assignor.)
- Bowser, S. F., and Company. (See Wertz, Austin L., assignor.)
- Bowyer, Carrell W., Highland, Ind. Light weight aggregates and making the same. 2,017,889; Oct. 22.
- Box Blank Corporation. (See Andrews, Champe S., assignor.)
- Box Blank Corporation. (See Carruth, Herman A., assignor.)
- Box, Ernest R. (See Powell, A. R., and Box.)
- Boyce, Charles M., Cedar Rapids, Iowa, assignor to John R. Ditmars, New York, N. Y. Composition for coating sheets, fibrous stocks, and the like. 2,003,065; May 28.
- Boyce, Erskine E., assignor to The Boysell Company, Gastonia, N. C. Turling mechanism for sewing machines. 2,004,687; June 11.
- Boyce, Harold A., assignor of one-half to Jas. Truscott & Son, Limited, London, England. Safety guard for shearing presses. 2,002,257; May 21.
- Boyce, Henry S., et al. (See Howarth, Ashton, assignor.)
- Boyce, James, Laketon Township, Allegan County, Mich., assignor to Chicago Glass Novelty Corporation, Marion, Ind. Sign. 2,019,113; Oct. 29.
- Boyce, William S., Chicago, Ill. Tie plate. 2,018,658; Oct. 29.
- Boyd, Albert H., Newberg, Oreg. Drying prunes. 1,999,533; Apr. 30.
- Boyd, Charles E., and S. Richardson, Los Angeles, Calif. Orthodontia band bracket. 1,991,047; Feb. 12.
- Boyd, Charles E., and S. Richardson, Los Angeles, Calif. Tooth band. 2,007,517; July 9.
- Boyd Corporation, The. (See Fleming, Howard B., assignor.)
- Boyd, Drury T., Bayside, and J. R. Wohrley, Brooklyn, N. Y. Electric heating device. 2,008,541; July 16.
- Boyd, Edward T., Houston, Tex. Interior awning adjuster. 1,987,139; Jan. 8.
- Boyd, Fletcher M., Knoxville, Tenn. Electrical liquid level indicator. 2,026,299; Dec. 31.
- Boyd, Harold D. (See Bruder, J., and Boyd.)
- Boyd, Ivan J., Flint, Mich. Welding hood. 1,990,369; Feb. 5.
- Boyd, James K., Wilkinsburg, and F. F. Slick, North Braddock, Pa. Tie-plate. 1,998,043; Apr. 16.
- Boyd, James K., Wilkinsburg, and F. F. Slick, North Braddock, Pa. Rail joint. 2,017,395; Oct. 15.
- Boyd, John R., Natchez, Miss. Thief and fool-proof closure. 1,995,960; Mar. 26.
- Boyd, Laurence D., Cleveland, Ohio. Floral supporting rack. 2,021,540; Nov. 19.
- Boyd, Maurice C., et al. (See Dietz, Valentin, assignor.)
- Boyd, Percy E., Detroit, Mich. Safety device for punch presses. 2,014,758; Sept. 17.
- Boyd, Randolph, Galva, Ill. Bed. 2,004,549; June 11.
- Boyd, Robert C. (See Schmiedeknecht, V. E., and Boyd.)
- Boyd, Robert C., Louisville, Ky. assignor to Standard Sanitary Manufacturing Company. Shower bath spray head. 2,005,073; June 18.
- Boyd, Robert C., Louisville, Ky., assignor to Standard Sanitary Manufacturing Company. Shower bath spray head. 2,012,623; Aug. 27.
- Boyd, Samuel S., Louisville, Ky. Solution and method for removing silver from the back of mirrors. 1,994,633; Mar. 19.
- Boyd, Thomas S., Yonkers, assignor to Northam Warren Corporation, New York, N. Y. Manicuring stand. 2,020,100; Nov. 5.
- Boyd, William G., Ramsgate, England. Fitting for tightening, holding, and releasing a tennis net or other cord or wire under strain. 2,011,534; Aug. 13.
- Boyd, William P., Nashua, N. H. Thermostatic calender roll. 2,011,748; Aug. 20.
- Boydston, Verne C., Seattle, Wash. Thermostatic mixing valve. 1,989,909; Feb. 5.
- Boye Needle Company, The. (See Carlson, Gustav A., assignor.)
- Boye Needle Company, The. (See Davis, Edward D., assignor.)
- Boyens, Emil, Richmond Hill, and P. J. Salmon, Brooklyn, N. Y. Mop clamp. 1,992,168; Feb. 26.
- Boyer, Clara M., executors et al. (See Stanitz, J., and Boyer.)
- Boyer, Francis M., Eustis, Fla. Filtering device. 2,016,740; Oct. 8.
- Boyer, George C., Los Angeles, Calif. Game device. 2,003,801; June 4.
- Boyer, George D. (See Stanitz, J., and Boyer.)
- Boyer, John A. (See Benner, R. C., Easter and Boyer.)
- Boyer, John A., assignor to Global Corporation, Niagara Falls, N. Y. Terminal connection for electric heating elements. 2,003,625; June 4.
- Boyer, John C., assignor to National Listing Exchange, Los Angeles, Calif. Watermarking composition. 2,021,141; Nov. 19.
- Boyetown Burial Casket Company. (See Strunk, Lester N., assignor.)
- Boyes, Edward J., Flushing, N. Y., assignor to American Optical Company, Southbridge, Mass. Case for ophthalmic mounting. 1,995,664; Mar. 26.
- Boyes, Frederick A., Wembley, England, assignor to American Throttle Company, Inc., New York, N. Y. Regulator valve apparatus for locomotives and like engines. 2,007,268; July 9.
- Boyett, Jesse B., Nashville, Ga. Mobile spraying machine. 2,022,584; Nov. 26.
- Boyington, William E. (See Shearman, George F., assignor.)
- Boyko, John, Hamtramck, assignor of one-half to W. A. Koury, Detroit, Mich. Automatic trolling hook. 1,994,168; Mar. 12.
- Boyko, Peter, Bronx, N. Y. Lock. 2,004,746; June 11.
- Boykow, Johann M., Berlin-Lichterfelde-West, Germany. Automatic control device for aircraft. 2,005,530; June 18.
- Boykow, Johann M., Berlin-Lichterfelde-West, assignor to Gesellschaft für Elektrische Apparate, m. b. H., Marienfelde near Berlin, Germany. Stabilizer. 1,996,055; Apr. 2.
- Boykow, Johann M., Berlin-Lichterfelde, Germany, assignor to Deutsche Luftfahrt- und Handels-Aktiengesellschaft, Berlin, Germany. Apparatus for determining the true horizon independently of sight. 2,008,058; July 16.
- Boylan, Samuel H., San Francisco, Calif. Desk construction. 2,010,476; Aug. 6.
- Boyle, A. S., Company, The. (See Haight, Auletes C., assignor.)
- Boyle, Arthur I., Glasgow, Scotland. Blotting appliance. 2,024,504; Dec. 17.
- Boyle, Clete L., et al. (See Estler, Harry S., assignor.)
- Boyle, Eldridge R., Washington, D. C. Continuous furring for metal lath. 1,993,432; Mar. 5.
- Boyle, John M. (See Porttues, James G., assignor.)
- Boyle Manufacturing Company, The. (See Hull, A. F., and Johnson, assignors.)
- Boyle, William E., and G. M. Van Lear, Madison, N. J., assignors to Spaulding Fibre Co. Inc., Tonawanda, N. Y. Shield for electrical conductors. 1,986,181; Jan. 1.
- Boyles, Carroll H., Milwaukee, assignor to Heating Unit Corporation, Cedarburg, Wis. Manufacturing heating elements. 1,989,736; Feb. 5.
- Boyles, Carroll H., Milwaukee, assignor to Heating Unit Corporation, Cedarburg, Wis. Electrical resistance unit. 2,001,297; May 14.
- Boyles, Ralph R. (See Waterous, F. A., and Boyles.)
- Boynton, Alexander, assignor to C. A. Beatty, San Antonio, Tex. Flowing device for wells. 1,985,973; Jan. 1.
- Boynton, Alexander, assignor to C. A. Beatty, San Antonio, Tex. Automatic heading device. 2,006,909; July 2.
- Boynton, Alexander, assignor to C. A. Beatty, San Antonio, Tex. Pressure regulator. 2,007,363; July 9.
- Boynton, Alexander, assignor to C. A. Beatty, San Antonio, Tex. Automatic heading device. 2,010,135; Aug. 6.
- Boynton, Alexander, assignor to C. A. Beatty, San Antonio, Tex. Automatic stage lift flowing apparatus for wells. 2,010,807; Aug. 13.
- Boynton, Bernice L. (See Grey, R. E., Boynton, and Kirkpatrick.)
- Boynton & Company. (See Chatfield, Charles B., assignor.)
- Boynton, Earl S., East Orange, N. J. Maze puzzle. 2,011,266; Aug. 13.
- Boynton, William R., New York, N. Y. Mixing and distributing valve. 1,990,773; Feb. 12.
- Boys, Charles V., London, England. Apparatus for delivering measured amounts of liquid. 2,021,142; Nov. 19.
- Boysen, Hermann. (See Walker, H., and Boysen.)
- Boysen, Fritz, Oberesslingen, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Silencer. 2,010,175; Aug. 6.
- Boysen, Johannes, Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone system. 1,989,184; Jan. 29.
- Boysell Company, The. (See Boyce, Erskine E., assignor.)
- Boyson, Emerson A., Rome, N. Y. Rotary switch. 2,024,505; Dec. 17.
- Bozel-Malétra Société Industrielle de Produits Chimiques. (See Demant, Jules E., assignor.)
- Bozorth, Richard M., Short Hills, and J. F. Dillinger, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic material and treating magnetic materials. 2,002,689; May 28.
- Bozzer, George, and J. Haversin, Detroit, Mich. Universal measuring instrument. 2,003,626; June 4.
- Braasch, Arnold. (See Braasch, Hans and A.)
- Braasch, August D., H. W. Smith and N. Walton, San Leandro, assignors to Caterpillar Tractor Co., San Leandro, Calif. Sickle guard. 2,008,895; July 23.
- Braasch, Hans and A., Neumunster, Holstein, Germany, assignors to Standard Brands Incorporated, New York, N. Y. Production of yeast. 2,013,456; Sept. 3.
- Braband, Carl, Berlin, Germany, assignor to General Electric Company. Vapor discharge device. 2,016,885; Oct. 8.
- Braband, Carl, Berlin, Germany, assignor to General Electric Company. Vapor discharge device. 2,022,534; Nov. 26.
- Brabant, Leo B., Detroit, Mich. Gas cock or the like. 2,015,918; Oct. 1.
- Brabbée, Charles W., Bronxville, assignor to American Radiator Company, N. Y. Boiler. 2,025,011; Dec. 17.
- Brabender, George J. (See Abrams, A., Anthony, Brabender, and Graebner.)
- Brace, Edwin T., assignor to The Buckeye Incubator Manufacturing Company, Springfield, Ohio. Humidifier. 2,002,880; May 28.

- Brace, Edwin T., assignor to The Buckeye Incubator Manufacturing Company, Springfield, Ohio. Egg tray rack. 2,019,949; Nov. 5.
- Brace, Edwin T., assignor to The Buckeye Incubator Mfg. Company, Springfield, Ohio. Incubator. 2,020,133; Nov. 5.
- Brace, Kemper P., New York, N. Y. Heating and cooling system. 2,019,290; Oct. 29.
- Brace, Kemper P., New York, N. Y., and N. L. Rowe, 3d, Jersey City, N. J., assignors to Air Conditioning Systems, Inc., New York, N. Y. Air conditioning system. 2,019,291; Oct. 29.
- Brace, Porter H., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper alloy. 2,026,209; Dec. 31.
- Bracke, Robert F., Chicago, assignor, by mesne assignments, to L. A. Williams, Evanston, and C. C. Bradbury, Glencoe, Ill., trustees. Choke and dash adjustment for carburetors. 2,017,890; Oct. 22.
- Brackett, Clare L., Detroit, Mich. Valve assembly. 1,993,473; Mar. 5.
- Brackett, Clare L., assignor to National Machine Products Company, Detroit, Mich. Handling mechanism for individual elements. 1,993,474; Mar. 5.
- Brackett, Clare L., Detroit, Mich. Valve operating mechanism. 1,995,665; Mar. 26.
- Brackett, Edward M., D. Daneke, and L. C. Williams, Topeka, Kans, assignor, by mesne assignments, to Dexter Folder Company, New York, N. Y. Trimming and cutting machine. 2,004,566; June 11.
- Brackett, Fred M. (See Kushera, W. H., and Brackett.)
- Brackett Stripping Machine Company, The. (See Kushera, W. H., and Brackett, assignors.)
- Bradbeer, George E., Los Angeles, Calif. Sewer construction. 2,012,495; Aug. 27.
- Bradburn, Curtis E., Garden City, assignor of one-fourth to Frank G. Lowe, Holcomb, Kans. Temperature regulating system. 2,014,552; Sept. 17.
- Bradbury, Albert W., Cliftondale, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 2,009,871; July 30.
- Bradbury, Albert W., Cliftondale, and R. E. Hood, Lynn, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,001,298; May 14.
- Bradbury, Clifford C., et al. (See Bracke, Robert F., assignor.)
- Bradbury, Clifford C., trustee, et al. (See Stokes, Charles L., assignor.)
- Bradbury, Edward G., Columbus, Ohio. Sighting appliance for telescopic instruments. 2,013,549; Sept. 3.
- Bradbury, John H., Brisbane, Queensland, Australia. Rotor screw suitable for helicopters. 2,020,235; Nov. 5.
- Bradbury, William T. (See Kahn, B. B., and Bradbury.)
- Bradbury, William T., Kankakee, Ill., assignor to Florence Stove Company, Boston, Mass. Burner control device. 2,013,822; Sept. 10.
- Bradbury, William T., Kankakee, Ill., assignor to Florence Stove Company, Boston, Mass. Oil burning heater. 2,026,340; Dec. 31.
- Braddock, Lemuel, assignor of one-half to D. Delos Dean, Rensselaer, Ind. Wire crimping tool. 2,014,062; Sept. 10.
- Braddon, Fred D., Eltingville, and A. N. Lawrence, Lawrence, assignors to Sperry Products, Inc., Brooklyn, N. Y. Indicating device for flaw detector mechanism. 2,003,336; June 4.
- Braden, Allen L., assignor of one-half to H. H. Jorgensen, Los Angeles, Calif. Producing concrete pipes. 2,009,604; July 30.
- Braden, Rene A., Merchantville, N. J., assignor to Radio Corporation of America. Reduction of harmonics in amplifiers. 1,990,062; Feb. 5.
- Braden, Tillman J., assignor to Durametallie Corporation, Kalamazoo, Mich. Packing. 1,998,892; Apr. 23.
- Braden, Waldo E., Glida Park, England. Hermetic envelope for cigars. 2,008,606; July 16.
- Bradford, Edward S., Jr., Longmeadow, assignor to Springfield Wire & Tinsel Co., West Springfield, Mass. Pot cleaner. 2,017,231; Oct. 15.
- Bradford, Edward S., Jr., Longmeadow, assignor to Springfield Wire & Tinsel Co., West Springfield, Mass. Composite tinsel strand. 2,022,025; Nov. 26.
- Bradford, Elmer R. (See Hultquist, B. A., and Bradford.)
- Bradford, James L. (See Gowen, R. F., and Bradford.)
- Bradford, Leo R., Oregon, Mo. Draining rack. 2,025,639; Dec. 24.
- Bradford, William, Hampstead, London, England, assignor to Wico Electric Company, West Springfield, Mass. Magnetolectric machine. 2,016,982; Oct. 8.
- Bradford, Winslow P. (See Porzel, Joseph, assignor.)
- Bradford, Zerbe C., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Motor mounting and belt tightener. 2,020,764; Nov. 12.
- Brading, Harry M., Evansville, Ind. Game. 2,011,749; Aug. 20.
- Bradley, Albert F., assignor to Northwestern Barb Wire Company, Sterling, Ill. Machine for making bale ties. 1,992,286; Feb. 26.
- Bradley, Albert F., assignor to Northwestern Barb Wire Company, Sterling, Ill. Apparatus for annealing wire. 2,008,814; July 23.
- Bradley, Albert F., assignor to Northwestern Barb Wire Company, Sterling, Ill. Apparatus for dry galvanizing wire. 2,009,573; July 30.
- Bradley, Albert, assignor to Northwestern Barb Wire Company, Sterling, Ill. Galvanizing apparatus. 2,010,939; Aug. 13.
- Bradley, Albert, assignor to Northwestern Barb Wire Company, Sterling, Ill. Galvanizing apparatus and process. 2,010,940; Aug. 13.
- Bradley, Albert F., assignor to Northwestern Barb Wire Company, Sterling, Ill. Galvanizing apparatus. 2,010,941; Aug. 13.
- Bradley, Albert, Sterling, and E. T. Foley, Rock Falls, assignors to Northwestern Barb Wire Company, Sterling, Ill. Galvanizing apparatus. 2,008,813; July 23.
- Bradley, Charles E., Boston, Mass. Tile and method of manufacture. 1,991,373; Feb. 19.
- Bradley, Charles H., Cleveland Heights, Ohio. Idler roller supporting means for belt conveyers. 2,022,272; Nov. 26.
- Bradley, Clifford C., et al., successor trustees. (See Stokes, Charles L., assignor.)
- Bradley, Floyd S., Lambert, Mont. Tank heater. 1,992,468; Feb. 26.
- Bradley, Francois C., Union, Miss. Electrical connector. 2,004,550; June 11.
- Bradley, Frank C., New Haven, Conn. Skylight. 2,014,925; Sept. 17.
- Bradley, Fred J. (See Bradley, Richard C., assignor.)
- Bradley, George W. J., Parkgate, near Rotherham, England. Recovery of sulphuric acid, and resins. 2,026,456; Dec. 31.
- Bradley, Irwin C., Brattleboro, Vt. Display card. 2,024,984; Dec. 17.
- Bradley, John S., New York, N. Y., and J. W. Dyer, South Orange, N. J. Ice cracker. 1,993,705; Apr. 23.
- Bradley, Joseph. (See Scott, M. E., and Bradley.)
- Bradley, Leonard, assignor to H. W. Stepp, Whittier, Calif. Core drill and valve therefor. 2,001,764; May 21.
- Bradley, Neil H., Minneapolis, Minn. Guard. 2,000,212; May 7.
- Bradley, Raymond. (See Phelps, G. W., and Bradley.)
- Bradley, Richard C., Brooklyn, N. Y., assignor to Fred J. Bradley, St. Albans, N. Y. Oscillating meter. 1,999,684; Apr. 30.
- Bradley, Richard C., Brooklyn, assignor of one-half to F. J. Bradley, St. Albans, N. Y. Hose delivery system and nozzle therefor. 2,011,393; Aug. 13.
- Bradley, Theodore F., Westfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Preparation of synthetic resins. 2,015,661; Oct. 1.
- Bradley, William T., Philadelphia, Pa. Tray. 2,019,249; Oct. 29.
- Bradner, Donald B., Oxford, assignor to The Champion Coated Paper Company, Hamilton, Ohio. Paper coating. 1,989,036; Jan. 22.
- Bradner, Donald B., Oxford, assignor to The Champion Coated Paper Company, Hamilton, Ohio. Dull finish coated paper. 2,006,208; June 25.
- Bradner, Donald B., Oxford, Ohio, assignor to The Champion Coated Paper Company, Hamilton, Ohio. Dull finish coated paper. 2,006,209; June 25.
- Bradrow, Harry G. (See Brown, David E., assignor.)
- Bradshaw, Robert, Preston, England. Locking of stereoplates or printing surfaces to the cylinders of rotary printing machines. 1,994,384; Mar. 12.
- Bradshaw, William H., Buffalo, N. Y., assignor to du Pont Rayon Company, New York, N. Y. Apparatus for tension spinning. 2,012,984; Sept. 3.
- Bradshaw, William M., Summit, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Closure for meters. 1,991,076; Feb. 12.
- Bradstreet, George D., Thomaston, Conn. Enclosed vehicle spring. 2,014,125; Sept. 10.
- Bradt, Charles H., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Duplicator. 2,011,708; Aug. 20.
- Bradt, Harry, et al. (See LaLonde, Moses, assignor.)
- Bradway, Chattin, Lawrence, N. Y. Towel rack. 2,013,907; Sept. 10.
- Brady, Adele S., administratrix. (See Hall, E. L., and Brady.)
- Brady, Charles V., Webster Groves, Mo., assignor to Bemis Bro. Bag Co., St. Louis, Mo. Fabric tubing. 2,013,724; Sept. 10.
- Brady, Charles V., assignor to Bemis Bro. Bag Company, St. Louis, Mo. Fastening. 2,016,851; Oct. 8.
- Brady, Charles V., Webster Groves, and F. R. Linda, St. Louis, assignors to Bemis Bro. Bag Co., St. Louis, Mo. Bag closing machine. 2,003,337; June 4.
- Brady, Clarence E., Morning View, Ky. Wrench. 2,007,846; July 9.
- Brady, Cleo D., Pleasantville, assignor to himself and H. D. Hoblitzell, West Hickory, Pa. Load-retaining attachment for shovel blades. 2,025,678; Dec. 24.
- Brady, Edward J. (See Hall, E. L., and Brady.)
- Brady Electric & Manufacturing Company. (See Brady, George W., assignor.)
- Brady, George W., Anderson, Ind. Valve mechanism for internal combustion engines. 2,015,135; Sept. 24.
- Brady, George W., assignor to The Brady Electric & Manufacturing Company, New Britain, Conn. Street light unit or head. 1,988,186; Jan. 15.
- Brady, George W., assignor to The Brady Electric & Manufacturing Company, New Britain, Conn. Secondary rack. 2,008,744; July 23.
- Brady, Harry L., et al. (See Hurtig, Carl A., assignor.)

- Brady, Hugh S., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Bottle or jar closure. 1,992,181; Feb. 26.
- Brady, James H., Louisville, Ky. Automatic bottle cap. 2,017,036; Oct. 15.
- Brady, John D., deceased, McPherson, Kans.; R. Brady, administratrix. Combination high pressure separator and dehydrator. 2,009,646; July 30.
- Brady, John S., and D. A. McCarthy, Wilkes-Barre, Pa. Self-cleaning faucet filter. 2,014,063; Sept. 10.
- Brady, Leon H., Rocky River, Ohio. Luminous sign. 2,008,782; July 23.
- Brady, Lester C., Burlington, N. C., assignor of twenty-four and one-half per cent to G. W. Morris, and twenty-four and one-half per cent to S. Webster. Stop motion control for jacquard looms. 2,002,420; May 21.
- Brady, Lewis F. et al. (See Taylor, Joseph P., assignor.)
- Brady, Ruby, administratrix. (See Brady, John D.)
- Brady, Thomas, Caldwell, N. J., assignor to R. M. Turner, New York, N. Y. Automatic drink vending machine. 2,000,556; May 7.
- Bragg, Caleb S., Palm Beach, Fla., assignor to Bendix Aviation Corporation, South Bend, Ind. Steering mechanism. 2,015,705; Oct. 1.
- Bragg, Caleb S., Palm Beach, Fla., assignor to Bragg-Kliesrath Corporation, Long Island City, N. Y. Clutch controlling mechanism. 2,022,026; Nov. 26.
- Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliesrath, Port Washington, assignors to Bragg-Kliesrath Corporation, Long Island City, N. Y. Brake mechanism. 2,010,477; Aug. 6.
- Bragg-Kliesrath Corporation. (See Bragg, Caleb S., assignor.)
- Bragg-Kliesrath Corporation. (See Bragg, C. S., and Kliesrath, assignors.)
- Bragg-Kliesrath Corporation. (See Freeman, Walter R., assignor.)
- Bragg-Kliesrath Corporation. (See Sanford, Roy S., assignor.)
- Brabs, George, Hawthorne, N. J. Loom pickers. 1,989,910; Feb. 5.
- Brain, Albert H., Great Barr, West Bromwich, and F. G. Timmins, West Bromwich, assignors to Charles Hearson & Company, Limited, London, England. Incubator. 1,987,462; Jan. 8.
- Brain, George, Tiffin, Ohio, assignor to Standard Sanitary Manufacturing Company. Closet bowl. 1,988,234; Jan. 15.
- Brainard, Kenneth A., Beverly Hills, Calif. Vehicle blocking device. 2,017,749; Oct. 15.
- Brainard, Maurice W., Los Angeles, Calif., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective system. 2,015,586; Sept. 24.
- Brainard, Seymour W., Kenmore, N. Y., assignor to Du Pont Rayon Company, New York, N. Y. Apparatus for winding thread on a bobbin. 2,004,153; June 11.
- Braine, Bancroft G., assignor to The Rail Joint Company, New York, N. Y. Rail joint. 2,020,602; Nov. 12.
- Braine, Daniel L., Brooklyn, N. Y. Air conditioner. 2,010,808; Aug. 13.
- Braine, Daniel L., Brooklyn, N. Y. Air conditioner. 2,010,809; Aug. 13.
- Braithwaite and Company Engineers Limited. (See Telford, J. C., and Hines, assignor.)
- Brake Equipment & Supply Company. (See Pratt, Best, assignor.)
- Brake Synchrometer Co. (See Thomas, George J., assignor.)
- Braley, Charles L., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Garment support. 2,017,944; Oct. 22.
- Brallier, Paul S., assignor to Niagara Smelting Corporation, Niagara Falls, N. Y. Stabilizing carbon tetrachloride. 2,002,168; May 21.
- Braman, Verne T. (See Ranger, R. H., Braman, and Nelson.)
- Bramlett, Frank, Brooklyn, N. Y. Patient handler. 2,014,244; Sept. 10.
- Bramley-Moore, Swinfen, White Plains, N. Y., assignor to General Motors Corporation, Detroit, Mich. Jacking apparatus. 1,998,703; Apr. 23.
- Bramley-Moore, Swinfen, White Plains, N. Y., assignor to General Motors Corporation, Detroit, Mich. Jacking apparatus for vehicles. 2,009,632; July 30.
- Bramsen, Svend, assignor to Binks Manufacturing Company, Chicago, Ill. Spray fume exhaust system. 2,014,962; Sept. 17.
- Branch, Albert L., Richmond, Va. Combination key and card holder. 2,013,027; Sept. 3.
- Branche, Nelson T., assignor to Surface Combustion Corporation, Toledo, Ohio. Gas burning apparatus. 2,005,252; June 18.
- Branche, Nelson T., assignor to Surface Combustion Corporation, Toledo, Ohio. Fuel valve control for gas burners. 2,019,114; Oct. 29.
- Branche, Nelson T., assignor to Surface Combustion Corporation, Toledo, Ohio. Flow controlling unit for gas burners. 2,025,696; Dec. 24.
- Brand, Arthur B. (See Horner, R. A., and Brand.)
- Brand, Carl W. (See Rosenberry, Homer R. and R. P., assignors.)
- Brand, Carl W. (See Shannon, Carson H., assignor.)
- Brand, Charles F., Wheeling, W. Va. Device for cleaning range boilers. 2,024,564; Dec. 17.
- Brand, Harry R. (See Brokvist, Eric R., assignor.)
- Brand, Harry R., New York, N. Y. Automatic commodity handling system. 1,988,936; Jan. 22.
- Brand, Henry A., Michigan City, Ind. Air mask. 2,007,440; July 9.
- Brand, Maurice B., assignor of one-half to Louis H. Freise, Chicago, Ill. Stencil duplicating machine. 2,021,169; Nov. 19.
- Brand, Samuel, New York, N. Y. Embroidered reinforced rod pocket for curtains. 2,007,790; July 9.
- Brandel, Lewis P. (See Flury, W. J., Brandel, and Halfen.)
- Brandel, Simon, Conshohocken, Pa. Mop clamp. 2,014,490; Sept. 17.
- Brandell, Raymond E., Chicago, Ill., assignor to Metal Textile Corporation, West Orange, N. J. Draining potted plants. 1,996,898; Apr. 9.
- Brandenberger, Jacques E., Neuilly, France, assignor to DuPont Cellophane Company, Inc., New York, N. Y. Luminous material. 1,988,476; Jan. 22.
- Brandenberger, Jacques E., Neuilly and P. Vanet, Le Vesinet, France, assignors to Du Pont Cellophane Company, Inc., New York, N. Y. Preventing adhesion of films. 2,008,815; July 23.
- Brandenburg, Eugene W., Dallas, Tex. Collar and shirt support. 2,019,521; Nov. 5.
- Brandenburger, Herbert J., St. Louis, Mo., assignor to Crouse-Hinds Company, Syracuse, N. Y. Electrically operated work cycle timer. 1,986,553; Jan. 1.
- Brander, Bertil J., Stockholm, Sweden. Automatic telephone selector. 2,024,089; Dec. 10.
- Brander Farbwerke Chemische Fabrik Gesellschaft mit beschränkter Haftung. (See Abel, Emil G. L., assignor.)
- Brandjord, Hans I., Souris, N. Dak. Burner. 2,007,739; July 9.
- Brandl, Johann, Vienna, Austria, assignor to the firm Compagnie pour la Fabrication des Compteurs et Matériel d'Usines à Gaz, Montrouge (Seine) France. Device for measuring the volume of flowing gas. 1,990,633; Feb. 12.
- Brandl, Johann, Vienna, Austria, assignor to the firm Compagnie pour la Fabrication des Compteurs et Matériel d'Usines à Gaz, Montrouge (Seine), France. Gas density meter. 2,001,865; May 21.
- Brandlin, Gustave A., Rochester, N. Y. Oil tester. 2,026,267; Dec. 31.
- Brandon, Alfred E., New York, N. Y. Motor vehicle lamp. 2,020,990; Nov. 12.
- Brandsma, Leo L., Arnheim, Netherlands, assignor, by mesne assignments, to American Enka Corporation, Wilmington, Del. Yarn package lacing. 1,988,778; Jan. 22.
- Brandstein, Samuel J., Brooklyn, N. Y. Adjustable protective transparent lampshade cover. 2,005,531; June 18.
- Brandstrom, Folke A., assignor to The John Gabel Mfg. Co., Chicago, Ill. Automatic phonograph. 2,003,424; June 4.
- Brandt, Alfred L., Sr., Buffalo, assignor to Flexlume Corporation, Tonawanda, N. Y. Electrode. 1,986,462; Jan. 1.
- Brandt, David G., Westfield, N. J., assignor to Doherty Research Company, New York, N. Y. Removable plug closure. 1,999,534; Apr. 30.
- Brandt, Henry E. and J. G. Guttman, assignors to The Dobbins Manufacturing Company, North St. Paul, Minn. Dispensing device. 2,026,210; Dec. 31.
- Brandt, John W., Elyria, Ohio. Saddle. 2,013,624; Sept. 3.
- Brandt, John W., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Saddle. 2,011,842; Aug. 20.
- Brandt, Louis G., Portsmouth, assignor to The Multistamp Company, Inc., Norfolk, Va. Stencil sheet and making the same. 2,004,484; June 11.
- Brandt, Philippe, Mulhouse, France, assignor to firm Durand & Huguenin S. A., Basel, Switzerland. Printing of animal fibers with mordant dyestuffs. 2,018,436; Oct. 22.
- Brandt, William A., assignor to Comas Cigarette Machine Company, Salem, Va. Tobacco stemming machine. 1,986,100; Jan. 1.
- Brandtjen and Kluge, Inc. (See Kluge, Abel and E., assignors.)
- Brannan, Lee M., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring expander. 2,025,335; Dec. 24.
- Bransky, David W. (See Brown, A. B., and Bransky.)
- Brantford Roofing Company. (See Goodwin, Ernest, assignor.)
- Branthwaite, Isaac, Passaic, assignor to The Okonite-Caliender Cable Company, Incorporated, Paterson, N. J. Cable sheath. 1,999,354; Apr. 30.
- Brantingson, Sigurd, Palisades Park, N. J., assignor to Francis Keil & Son, Inc. Antifriction apparatus. 1,994,424; Mar. 12.
- Brantingson, Sigurd, Palisades Park, N. J., assignor to Francis Keil & Son, Inc. Hinge construction. 2,024,985; Dec. 17.
- Brasen, Cornelius I. (See Mosley, J. H., and Brasen.)
- Brasen, Arno, and F. Lange, Berlin, Germany. Vacuum tube. 2,005,021; June 18.
- Brasch, Arno, Berlin-Charlottenburg, assignor to Fritz Lange, Berlin, Germany. Apparatus for treating human bodies with electrons. 2,018,599; Oct. 22.
- Brase, Wilhelm, Berlin, Germany. Clutching device. 2,001,120; May 14.

- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Electrical discharge device. 2,007,919; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Short wave length electric lamp. 2,007,920; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Variable voltage lamp. 2,007,921; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. High potential radiator. 2,007,922; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Electric discharge lamp. 2,007,923; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Diffused discharge lamp. 2,007,925; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Light emitting unit. 2,007,926; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Long wave length radiation device. 2,007,927; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Electric radiation device. 2,007,928; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Energy radiator. 2,007,930; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Multiple solid energy emitter. 2,007,931; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Lamp construction. 2,007,933; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Mounting of elements in radiation devices. 2,007,934; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Rectifying apparatus. 2,007,939; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Electric discharge mantle. 2,007,941; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Quartz tube lamp. 2,007,942; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Thermionic device. 2,007,943; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Sheet energy radiator. 2,007,944; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Gaseous illuminating device. 2,007,947; July 9.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Treating cabinet. 2,008,653; July 16.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Lamp for producing intermittent light. 2,010,772; Aug. 6.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Electrical discharge material and manufacturing it. 2,018,993; Oct. 29.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Electric discharge lamp. 2,025,023; Dec. 17.
- Brassert, H. A., & Company. (See Brassert, Herman A., assignor.)
- Brassert, H. A., & Co. (See Koller, M. M., and Miller, assignors.)
- Brassert, H. A., & Co. (See Wetherbee, Harry L., assignor.)
- Brassert, H. A., & Company. (See Zimmermann, P., assignor.)
- Brassert, Herman A., assignor to H. A. Brassert & Company, Chicago, Ill. Method and apparatus for producing low carbon metal. 1,991,008; Feb. 12.
- Brassert-Tidewater Development Corporation. (See Andrews, C. W., and Petersen, assignors.)
- Brassert, Walter O., Kalamazoo, Mich. Concrete container wall. 2,016,886; Oct. 8.
- Brasseur, Ernest J., Winnetka, assignor to A. B. Dick Company, Chicago, Ill. Duplicating machine. 1,987,923; Jan. 15.
- Brasseur, Ernest J., assignor to A. B. Dick Company, Chicago, Ill. Pile elevating mechanism. 1,989,911; Feb. 5.
- Braswell, James R. (See Thomas, Lawrence W., assignor.)
- Bratich, Daniel, assignor of one-half to K. Manic, St. Louis, Mo. Seal for milk cans. 1,998,652; Apr. 23.
- Bratke, Otto, Berlin, Germany. Producing an oleaginous color matrix. 1,991,048; Feb. 12.
- Bratring, Kurt, Berlin-Charlottenburg, Germany. Manufacture of hollow articles from plastic materials. 2,001,765; May 21.
- Bratrud, Otto M., Seattle, Wash. Play gun. 2,024,506; Dec. 17.
- Bratz, Otto, Adrian, Mich., assignor to American Cable Company, Inc., Bridgeport, Conn. Power transmitting device. 2,018,344; Oct. 22.
- Brauch, Otto G., Milwaukee, Wis. Cake pan. 2,023,120; Dec. 3.
- Braucht, Frederick A., Chicago, Ill., assignor to Belgard-Spero, Inc. Mounting lenses. 2,004,923; June 18.
- Braucht, Frederick A., and A. B. Belgard, Chicago, Ill., assignors to Belgard-Spero, Inc. Mounting lenses. 2,009,159; July 23.
- Brauer, Albert C., Niles, Ohio. Renewable guide for rolling mills. 2,006,729; July 2.
- Brauer, Arthur J. (See Wagner, Frederick P., assignor.)
- Brauer, Arthur J., assignor to Brauer Bros. Inc., St. Louis, Mo. Measuring shoe parts. 2,009,472; July 30.
- Brauer, Arthur J., and F. P. Wagner, assignors to Brauer Bros. Inc., St. Louis, Mo. Apparatus for grading and marking lasts. 2,009,471; July 30.
- Brauer, Arthur J., and F. P. Wagner, assignors to Brauer Bros. Inc., St. Louis, Mo. Shoe and making the same. 2,018,510; Oct. 22.
- Brauer Bros. Inc. (See Brauer, Arthur J., assignor.)
- Brauer Bros., Inc. (See Brauer, A. J., and Wagner, assignors.)
- Brauer, Edward J. (See Brauer, Robert T. and E. J.)
- Brauer, Paul. (See Beplate, V. and Brauer.)
- Brauer, Paul, Sydowsaue near Stettin, Germany, assignor to North American Rayon Corporation. Cone wrapper. 1,996,402; Apr. 2.
- Brauer, Robert T. and E. J., St. Louis, Mo. Process and apparatus for stitching. 1,991,134; Feb. 12.
- Braukhof, Robert, Clinton, Wis. Cushion seat cover. 2,017,178; Oct. 15.
- Braun, August J., Chicago, Ill. Toaster. 2,005,253; June 18.
- Braun, C. F., & Co. (See Eckart, William R., assignor.)
- Braun, C. F., & Co. (See Klaas, Gustave F., assignor.)
- Braun, Carl, Inc. (See Braun, Carl, assignor.)
- Braun, Carl, Inc. (See Williams, Lester J., assignor.)
- Braun, Carl, assignor to Carl Braun, Inc., Canastota, N. Y. Device for cleaning receptacles. 2,017,941; Oct. 22.
- Braun Corporation. (See Hartley, Joseph A., assignor.)
- Braun, Franz, Aktiengesellschaft. (See Gastrow, Hans, assignor.)
- Braun, Geza, assignor to Standard Brands Incorporated, New York, N. Y. Manufacture of hydroxy carboxylic acids. 2,000,213; May 7.
- Braun, Geza, assignor to Standard Brands Incorporated, New York, N. Y. Production of lactic acid. 2,024,565; Dec. 17.
- Braun, Herman F., Lakewood, assignor to Cleveland Steel Products Corporation, Cleveland, Ohio. Universal joint. 2,020,253; Nov. 5.
- Braun, Herman F., Lakewood, and W. W. Slaght, Rocky River, assignors to Cleveland Steel Products Corporation, Cleveland, Ohio. Universal joint. 1,993,357; Mar. 5.
- Braun, J. G. Company, Inc. (See Zlepke, William H., assignor.)
- Braun, Karl, Augsburg, Germany. Compensating device for sash windows and the like. 2,010,214; Aug. 6.
- Braun, Paul R., Brooklyn, N. Y. Indicator attachment for taxi meters. 1,993,827; Mar. 12.
- Braun, Philip N., assignor to The Prosperity Company Inc., Syracuse, N. Y. Liquid or water level control. 1,999,439; Apr. 30.
- Braun, Philip N., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Ironing press and workholder. 2,011,560; Aug. 20.
- Braun, Philip N., Los Angeles, Calif., and E. Davis, Syracuse, N. Y., assignors to The Prosperity Company Inc. Garment or ironing press. 2,022,073; Nov. 26.
- Braun, Theodor, and W. Vogt, Vienna, Austria. Separation and sorting. 2,022,180; Nov. 26.
- Brauning, Karl A. (See Ledin, C., and Brauning.)
- Brauning, Karl A., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 1,997,276; Apr. 9.
- Braunsdorf, Otto. (See Eckert, W., and Braunsdorf.)
- Braunwalder, John, Los Angeles, Calif. Unit valve mechanism. 2,019,043; Oct. 29.
- Brause, Philip R., West Union, Iowa. Fruit jar tool. 2,004,485; June 11.
- Braver, Jack. (See Kritchevsky, W., Beckert, and Braver.)
- Bray, Alfred L., Oreland, Pa., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Jordan engine. 2,009,985; July 30.
- Bray, Ulric B., assignor to Union Oil Company of California, Los Angeles, Calif. Fractionation of mineral oil. 1,988,713; Jan. 22.
- Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Asphalt. 1,988,714; Jan. 22.
- Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Producing lubricating oil. 2,006,098; June 25.
- Bray, Ulric B., assignor to Union Oil Company of California, Los Angeles, Calif. Treating oils. 2,010,007; Aug. 6.
- Bray, Ulric B., assignor to Union Oil Company of California, Los Angeles, Calif. Treating oils. 2,010,008; Aug. 6.
- Bray, Ulric B., Los Angeles, Calif., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Apparatus for igniting catalysts. 2,013,979; Sept. 10.
- Bray, Ulric B., Palos Verdes Estates, and C. E. Swift, Huntington Park, assignors to Union Oil Company of California, Los Angeles, Calif. Production of lubricating oil. 1,988,711; Jan. 22.

- Bray, Ulric B., Palos Verdes Estates, and C. E. Swift, Huntington Park, assignors to Union Oil Company of California, Los Angeles, Calif. Production of lubricating oil. 1,988,712; Jan. 22.
- Bray, Ulric B., Palos Verdes Estates, and L. N. Beckwith, San Pedro, assignors to Union Oil Company of California, Los Angeles, Calif. Asphalt and producing same. 1,988,715; Jan. 22.
- Bray, Ulric B., Palos Verdes Estates, and C. E. Swift, Huntington Park, assignors to Union Oil Company of California, Los Angeles, Calif. Production of lubricating oil. 2,006,092; June 25.
- Bray, Ulric B., Los Angeles, and C. E. Swift, Glendale, assignors to Union Oil Company of California, Los Angeles, Calif. Producing lubricating oils. 2,006,093; June 25.
- Bray, Ulric B., Palos Verdes Estates, and C. E. Swift, Glendale, Calif., assignors to Union Oil Company of California, Los Angeles, Calif. Treating oil. 2,006,094; June 25.
- Bray, Ulric B., Palos Verdes Estates, and C. E. Swift, Glendale, assignors to Union Oil Company of California, Los Angeles, Calif. Production of lubricating oil. 2,006,095; June 25.
- Bray, Ulric B., Palos Verdes Estates, and C. E. Swift, Glendale, assignors to Union Oil Company of California, Los Angeles, Calif. Production of lubricating oil. 2,006,096; June 25.
- Bray, Ulric B., Palos Verdes Estates, and C. E. Swift, Glendale, assignors to Union Oil Company of California, Los Angeles, Calif. Treating oil. 2,006,097; June 25.
- Bray, Ulric B., Palos Verdes Estates, and L. B. Beckwith, San Pedro, assignors to Union Oil Company of California, Los Angeles, Calif. Emulsion and producing the same. 2,022,229; Nov. 26.
- Brazeau, Eugene F. (See Black, M., and Brazeau.)
- Breaden, Carroll E. and C. B. Haskins, Dayton, Ohio, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Scale lock. 2,016,703; Oct. 8.
- Bready, Owen J., Cleveland, Ohio. Power implement. 2,015,587; Sept. 24.
- Brearley, Arthur W., Sheffield, England. Forming large hollow castings. 2,025,336; Dec. 24.
- Breathing Machines, Incorporated. (See Nutt, Buell W., assignor.)
- Breckenridge, Francis C. (See Blee, H. H., Breckenridge, and Lynch.)
- Breda-Visada Limited. (See Sagar, H., VanWeyenbergh, and Jones, assignors.)
- Bredin, Paul, and O. Wittmers, Cologne-on-the-Rhine, Germany. Mechanism for actuating the slay of weaving looms. 2,004,306; June 11.
- Bredenborg, Alfred, Champlain, N. Y., assignor of one-half to The Sheridan Iron Works and one-half to T. W. & C. B. Sheridan Company. Book rounding and backing. 2,010,810; Aug. 13.
- Bredin, Lewis L., assignor to Chamberlain Metal Weather Strip Company, Detroit, Mich. Frameless window screen. 1,987,140; Jan. 8.
- Bredl, Louis J., assignor of one-fifth to K. J. Pittner, Pittsburgh, Pa. Localized multiple-fuse for electric switch assemblies. 1,987,547; Jan. 8.
- Bredt, Otto P. C., New York, N. Y., assignor to Straitway Coffee, Incorporated, Keyport, N. J. Preparing coffee extract. 1,989,077; Jan. 29.
- Breed, Alfred V., assignor to Curtis Machine Corporation, Jamestown, N. Y. Polishing machine. 2,019,889; Nov. 5.
- Breed, Carroll M., assignor to United Stove Company, Ypsilanti, Mich. Burner construction. 1,994,748; Mar. 19.
- Breed, Charles W. (See Keough, Robert E., assignor.)
- Breed, Samuel. (See Schonhoff, H. C., and Breed.)
- Breedlove, William F., assignor to W. M. Briggs, Bowling Green, Ky. Tobacco hanger. 1,992,857; Feb. 26.
- Brengle, Daniel A., Hunkers, Pa. Projectile for firearms. 2,014,367; Sept. 17.
- Breler, Walter R., Troy, assignor to Ludlum Steel Co., Watervliet, N. Y. Alloy steel for internal combustion engine valves and associated parts. 2,015,991; Oct. 1.
- Breen, Frederick P., Springfield, Mass. Exercising device. 1,997,715; Apr. 16.
- Breen, Jack, Towanda, Pa. Stopping device for looms or the like. 1,998,949; Apr. 23.
- Breerwood, Charles H., Narberth, Pa., assignor to Valley Forge Cement Company. Manufacture of cement. 2,006,939; July 2.
- Breerwood, Charles H., Narberth, Pa., assignor to Valley Forge Cement Company. Manufacture of cement. 2,021,623; Nov. 19.
- Breese, Robert P. (See Kliersath, V. W., and Breese.)
- Breese, Robert P. (See Sanford, R. S., and Breese.)
- Breeze Corporations, Inc. (See Flynt, Louis W. G., assignor.)
- Breeze Corporations, Inc. (See Steenson, James H., assignor.)
- Breeze, Victor. (See West, A., and Breeze.)
- Bregger, Samuel G., St. Paul, Minn. Medicated insert for telephones. 1,987,047; Jan. 8.
- Breguet, Louis, assignor to Societe Anonyme des Ateliers d'Aviation Louis Breguet, Paris, France. Electric welding machine. 1,988,537; Jan. 22.
- Breguet, Louis, and R. Dorand, Paris, France; said Dorand assignor to said Breguet. Flying machine having revolving supporting surfaces. 1,986,709; Jan. 1.
- Brehme, Karl. (See Widuch, Wilhelm, assignor.)
- Brehmer, F. W., Machine & Tool Company, The. (See Albrecht, M. L., and Brehmer, assignors.)
- Brehmer, Frederick W. (See Albrecht, M. L., and Brehmer.)
- Brehmer, Gebruder. (See Kleinschmit, O., and Müller, assignors.)
- Breidigam, Frank T. (See Near, H. B., Pacini, Crosley, Gerth, Breidigam, and Kelly.)
- Breit, Charles A., Houston, Tex. Vehicle door control. 2,002,025; May 21.
- Breitbart, Hans, Duisburg-Beeck, Germany. Apparatus and method for making centrifugal castings. 2,026,457; Dec. 31.
- Breitenbach, Eugene V., Milwaukee, assignor of one-half to H. Goodrich, Milwaukee, Wis. Press for oleaginous material. 2,015,213; Sept. 24.
- Breitenbach, Herman J., assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio. Hydraulic feed. 2,020,765; Nov. 12.
- Breitenstein, Albert F. (See Strickland, R. M., and Breitenstein.)
- Breitenstein, Albert F., assignor to The Geometric Tool Company, New Haven, Conn. Gauge for setting circular chasers. 2,010,215; Aug. 6.
- Breitenstein, Albert F., assignor to The Geometric Tool Company, New Haven, Conn. Self-opening die-head. 2,022,273; Nov. 26.
- Breitenstein, Herbert G., assignor to R. T. Moloney, Chicago, Ill. Coin slide. 1,993,206; Mar. 5.
- Breitenstein, Herbert G., assignor to Raymond T. Moloney, Chicago, Ill. Game apparatus. 1,999,685; Apr. 30.
- Breitenstein, Herbert G., assignor to R. T. Moloney, Chicago, Ill. Coin slide. 2,004,189; June 11.
- Breitenstein, Herbert G., assignor to R. T. Moloney, Chicago, Ill. Pin ball amusement game. 2,004,190; June 11.
- Breitenstein, Herbert G., assignor to R. T. Moloney, Chicago, Ill. Switch device. 2,017,274; Oct. 15.
- Breitenstein, Herbert G., assignor to R. T. Moloney, Chicago, Ill. Switch device for pin ball games. 2,018,776; Oct. 29.
- Breitwieser, Heinrich, Griesheim, near Darmstadt, assignor to Maschinenfabrik Augsburg-Nuernberg A. G., Nuremberg, Germany. Bascule bridge. 2,011,467; Aug. 13.
- Brekke, Marshall T., Scarsdale, assignor to Northam Warren Corporation, New York, N. Y. Applicator. 1,995,733; Mar. 26.
- Brelin, Ebbe A., San Diego, Calif. Wall clip. 1,998,606; Apr. 23.
- Brell, Jules J., assignor of one-third to H. Radzinsky, New York, N. Y. Mop shaking device. 1,993,336; Mar. 5.
- Brell, Jules J., assignor of one-third to H. Radzinsky, New York, N. Y. Mop shaking device. 1,996,056; Apr. 2.
- Brelsford, Harry E. (See Snow, N. L. and Brelsford.)
- Brelsford, Harry E., Detroit, Mich., and N. L. Snow, New Canaan, Conn., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Boiler gauge glass. 2,016,481; Oct. 8.
- Brelsford, William E., Mendota, Ill. Box. 2,007,740; July 9.
- Bremer, Fredrick J., assignor to The Mosler Safe Company, Hamilton, Ohio. Lock structure. 1,994,094; Mar. 12.
- Bremer, William S., Chicago, Ill. Cooking utensil. 1,998,920; Apr. 23.
- Bremmer, James, Detroit, Mich. Wheelbarrow for coal trucks. 2,012,656; Aug. 27.
- Bremner, Eric S. (See Loetscher, Lyman, assignor.)
- Bren, Bozotech C., Cedar Grove, N. J., assignor to Dupont Viscoloid Company, Wilmington, Del. Sound record. 1,997,572; Apr. 16.
- Bren, Bozotech C., Cedar Grove, N. J., assignor to du Pont Viscoloid Company, Wilmington, Del. Cellulose ether composition. 2,013,298; Sept. 3.
- Brenaman, Sherman R. (See Lawhorn, E. F., and Brenaman.)
- Brenan, William P., Newton, and T. F. Dwyer, Jr., Cambridge, assignors to Fabreka Products Company, Inc., Boston, Mass. Railway device. 2,009,059; July 23.
- Brendel, George F., assignor to Societe Anonyme dite: Societe Marbriere de Paris, Paris, France. Effecting by pressure the face grinding of hard material surfaces. 2,023,572; Dec. 10.
- Brendlin, Adolf, Knapsack, near Cologne, Germany. Apparatus for cleaning tubes. 1,999,559; Apr. 30.
- Brenkert, Karl, assignor to The Brenkert Light Projection Company, Detroit, Mich. Dust and heat shielded projector. 2,014,877; Sept. 17.
- Brenkert Light Projection Company, The. (See Brenkert, Karl, assignor.)
- Brenn, Carl W., Montclair, N. J. Folding machine. 2,016,539; Oct. 8.
- Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Manifolding book. 1,990,221; Feb. 5.
- Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Manifolding device. 1,999,535; Apr. 30.

- Brennan, Charles T., Cheshire, Conn. Safety means for swaging machines. 1,989,397; Jan. 29.
- Brennan, Charles T., Cheshire, Conn. Cut-off mechanism for heading machines. 1,989,398; Jan. 29.
- Brennan, Charles T., Cheshire, Conn. Open die header. 2,023,042; Dec. 3.
- Brennan, Daniel A., Chicago, Ill. Fastener. 2,014,878; Sept. 17.
- Brennan, Edward J., Hasbrouck Heights, N. J., assignor to Feminine Products, Inc., New York, N. Y. Applicator and closure for liquid containers. 2,026,211; Dec. 31.
- Brennan, Ellen T. (See Whitney, C. W., and Nelson, assignors.)
- Brennan, Joseph B., Fort Wayne, Ind., assignor to The Magnavox Company, Chicago, Ill. Heat circulator for motor vehicles. 2,002,626; May 28.
- Brennan, Joseph B., Fort Wayne, Ind., assignor to The Magnavox Company, Chicago, Ill. Heater for motor vehicles. 2,017,525; Oct. 15.
- Brennan, Raymond F., Attleboro, Mass. Ornamental cross. 2,000,060; May 7.
- Brenneis Manufacturing Company Inc. (See Furrer, Samuel S., assignor.)
- Brenner, A. T., et al. (See Manor, Florian F., assignor.)
- Brenner, Harry D. (See Barbaro, Joseph, assignor.)
- Brenner, Herbert, Baden-Baden, Germany. Trousers press. 2,014,308; Sept. 10.
- Brenner, Matthew J., Chicago, Ill. Game apparatus. 1,990,109; Feb. 5.
- Brenner, William J. (See Miller, G. C., and Brenner.)
- Brent, George F., Pittsburgh, Pa. Venetian blind. 2,012,034; Aug. 20.
- Bresnahan, William H., Lynn, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Manufacturing footwear. 1,988,436; Jan. 22.
- Bresnahan, William H., Lynn, Mass., assignor, by mesne assignments, to Compo Shoe Machinery Corporation, New York, N. Y. Apparatus for use in making footwear. 2,005,608; June 18.
- Bresnahan, William H., Lynn, Mass., assignor, by mesne assignments, to Compo Shoe Machinery Corporation. Apparatus for use in making footwear. 2,020,288; Nov. 12.
- Bresnick, Harry, New York, N. Y. Medicinal preparation. 2,007,108; July 2.
- Bressler, Robert E., Oregon, Ill. Fuel burning system. 1,996,230; Apr. 2.
- Bressler, Robert E., Oregon, Ill. Beer dispensing apparatus. 2,013,908; Sept. 10.
- Bresson, Charles, Villeurbanne, assignor to Ateliers de Constructions Electriques de Delle, Paris, France. Electric circuit breaker. 1,987,569; Jan. 8.
- Breth, Walter J., and M. L. Engler, assignor to The General Tire & Rubber Company, Akron, Ohio. Tire building machine. 2,004,886; June 11.
- Brethen, Charles A., assignor to All Metal Products Company, Wyandotte, Mich. Toy automobile. 1,987,463; Jan. 8.
- Bretschger, Max E., Buffalo, N. Y., and E. A. Bosing, Long Beach, Calif., assignors to Buffalo Electro-Chemical Company, Inc. Treating hydrocarbons. 2,004,849; June 11.
- Bretschneider, Max, Plauen, Germany. Stitch-forming machine. 2,023,398; Dec. 10.
- Bretselmeider, Erich, Dresden, Germany. Track. 2,002,881; May 28.
- Brett, Allen, Cleveland, Ohio. Parking deck. 2,009,384; July 30.
- Brett, George F., Leeds, England, assignor to Radio Corporation of America. Electric discharge lamp. 1,999,649; Apr. 30.
- Brett, George F., Yorkshire, England, assignor to Radio Corporation of America. Electric glow discharge devices. 2,025,934; Dec. 31.
- Breuer, Adam A. (See Joann, T. G., and Breuer.)
- Breuer, Adam A., Chicago, Ill. Steam sprayer. 1,989,912; Feb. 5.
- Breuer, Adam A., Chicago, Ill. Method of and apparatus for spraying insecticides. 1,990,165; Feb. 5.
- Breuer, Adam A., Chicago, Ill. Heat blower. 1,997,039; Apr. 9.
- Breuer, Adam A., Chicago, Ill. Portable suction cleaner. 2,001,121; May 14.
- Breuers, Wilhelm. (See Wulff, C. and Breuers.)
- Breuers, Wilhelm. (See Wulff, C., Moll, and Breuers.)
- Breuers, Wilhelm, Ludwigshafen-on-the-Rhine, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of conversion products of rubber. 2,016,102; Oct. 1.
- Brails, Morley H. (See McCauley, Thomas H., assignor.)
- Brewer, Clarence T., assignor of one-third to E. W. Menke and one-third to H. E. Hillstrom, Chicago, Ill. Camera with built-in actinometer. 1,993,084; Mar. 5.
- Brewer, Elliott, St. Davids, Pa. Synchronized sound and action reproduction. 2,009,337; July 23.
- Brewer, Francis T., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Power supply. 2,018,483; Oct. 22.
- Brewer, Nathaniel, Lansdowne, assignor to The Sharples Specialty Company, Philadelphia, Pa. Centrifugal separation. 1,991,490; Feb. 19.
- Brewer, Oscar G., St. Marys, Mo. Automatic tire inflater. 2,015,882; Oct. 1.
- Brewer, Pearl H. (See Kraybill, H. R., Brewer, and Gardner.)
- Brewer, Robert B. (See Bergeron, L. G., and Brewer.)
- Brewer, Robert B., Cleveland, and W. C. Roe, Elyria, Ohio; said Roe assignor to said Brewer. Musical instrument. 1,994,560; Mar. 19.
- Brewer-Titchener Corporation, The. (See Bishop, Stanley K., assignor.)
- Brewster Development Corporation. (See Brewster, Oswald C., assignor.)
- Brewster, Ellis W. (See MacKinnon, C., and Brewster.)
- Brewster, Henry, Long Beach, N. Y. Garment. 2,010,345; Aug. 6.
- Brewster, Henry, Long Beach, N. Y. Garment. 2,016,664; Oct. 8.
- Brewster, Oswald C., Kansas City, Mo., assignor to Brewster Development Corporation, New York, N. Y. Avoiding the deleterious effect of detonation in internal combustion engines. 2,003,822; June 4.
- Brewster, Oswald C., Kansas City, Mo., M. G. Paulus, and A. E. Thompson, Casper, Wyo., assignors to Standard Oil Company, Chicago, Ill. Continuous pressure distillation process. 2,000,687; May 7.
- Brewster, Percy D., Rumson, N. J. Coloring photographic images. 1,992,169; Feb. 26.
- Brewster, William G., Long Beach, Calif. Sidetracking tool. 2,018,007; Oct. 22.
- Brian, John C., assignor to Henry Simon Limited, Cheadle Heath, near Manchester, England. Weighing machine. 1,993,644; Mar. 5.
- Briascio, Anthony, New York, N. Y. Safety oyster opener. 1,990,424; Feb. 5.
- Brice, Milton R. (See Schmidt, E. X., and Brice.)
- Brick, Perry A., assignor to The Perfection Steel Body Company, Galion, Ohio. Hydraulic hoist for dump bodies. 2,022,181; Nov. 26.
- Brick-in-Steel Fire Bowl Company, The. (See Dickman, Joseph, assignor.)
- Brickell, Harry S., Jr., Pittsburgh, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Method of and apparatus for stenciling glass or other ceramic containers having curved surfaces. 2,014,372; Sept. 17.
- Brickell, Harry S., Jr., Pittsburgh, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Mechanism for stenciling glass or other ceramic containers having curved surfaces. 2,014,373; Sept. 17.
- Brickman, Alan E., and G. A. Gleason, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Guard rail. 2,025,012; Dec. 17.
- Brickman, Alan E., and G. A. Gleason, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Guard rail. 2,025,013; Dec. 17.
- Brickman, Alan E., and G. A. Gleason, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Guard rail. 2,025,014; Dec. 17.
- Brickman, Samuel. (See Langbein, Edward H., assignor.)
- Brickner, Arthur J., Muskegon Heights, assignor to Brickner-Kronf Machine Company, Muskegon, Mich. Lap. 2,001,122; May 14.
- Brickner-Kropf Machine Company. (See Brickner, Arthur J., assignor.)
- Bridenbach, Elmer H., assignor to M. Moyers, Denver, Colo. Hydraulic relief valve. 2,013,232; Sept. 3.
- Bridge, George L., Clayton, Mo. Dumping grate. 1,997,764; Apr. 16.
- Bridgeport Brass Company. (See Broecker, Lewis C., assignor.)
- Bridgeport Brass Company. (See McIlvane, William J., assignor.)
- Bridgeport Bronze Company. (See Marsilius, Newman M., assignor.)
- Bridgeport Metal Goods Manufacturing Company. (See Abbotts, Leonard, assignor.)
- Bridgeport Metal Goods Manufacturing Company, The. (See Fullmer, Giles C., assignor.)
- Bridgers, Harvey C., et al. (See Binnall, Frederick C., assignor.)
- Bridgers, Harvey C. (See Moore, Frank R., assignor.)
- Bridges, Charles P., Dedham, Mass. Ventilating unit. 1,990,468; Feb. 12.
- Bridges, Charles P., Dedham, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Unit heating ventilator. 1,990,110; Feb. 5.
- Bridges, Charles P., Dedham, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Unit heating ventilator. 2,006,534; July 2.
- Bridges, Edward G., Anderson, Ind., assignor to Lynch Corporation. Glassware forming machine. 2,015,662; Oct. 1.
- Bridgett, Frank A., Philadelphia, Pa. Mold. 2,006,666; July 2.
- Bridgford, Thomas E., assignor to Gibbons Brothers Limited, Dudley, England. Muffle furnace. 1,989,265; Jan. 29.
- Bridgman, George A., assignor to Cutler Mail Chute Co., Rochester, N. Y. Mail chute. 2,019,557; Nov. 5.
- Bridgman, George A., assignor to Cutler Mail Chute Co., Rochester, N. Y. Mail chute. 2,025,193; Dec. 24.
- Briede & Rogovsky, Inc. (See Templin, William, assignor.)
- Briegleb, Theodore, Moline, Ill. Forming joints in metal tubing. 1,998,654; Apr. 23.
- Briegel, Theodore, Rock Island, Ill. Tube jointing machine. 1,998,653; Apr. 23.

- Brigel, Theodore, Rock Island, Ill. Metal tube cutting tool. 2,007,122; July 2.
- Briel, Conrad G., assignor to Cinema Development Company, Chicago, Ill. Producing composite pictures. 2,020,820; Nov. 12.
- Briel, Conrad G., assignor to Cinema Development Company, Chicago, Ill. Producing composite pictures. 2,020,821; Nov. 12.
- Briel, Conrad G., assignor to Cinema Development Company, Chicago, Ill. Method of and apparatus for producing composite pictures. 2,025,327; Dec. 24.
- Brier, Henry, and J. H., Dartford, England. Compression refrigerating system for low temperature purposes. 2,002,307; May 21.
- Brier, John H. (See Brier, Henry and J. H.)
- Brier Manufacturing Company. (See Kraemer, Julius H., assignor.)
- Briesewitz, Kurt. (See Baltes, M., Briesewitz, and Zitscher.)
- Brigg Manufacturing Company. (See Ball, Albert P., assignor.)
- Briggs, George L., Oneida, N. Y. Skid preventer. 2,017,891; Oct. 22.
- Briggs, Jefferson J., Minneapolis, Minn. Pole lock. 1,987,281; Jan. 8.
- Briggs, Joseph A., Eriton, N. J., assignor to Radio Corporation of America. Scanning system for television apparatus. 2,008,272; July 16.
- Briggs, Joseph A., Eriton, N. J., assignor to Radio Corporation of America. Intermittent feed for motion-picture apparatus. 2,017,117; Oct. 15.
- Briggs Manufacturing Company. (See Ball, Albert P., assignor.)
- Briggs Manufacturing Company. (See Everitt, Byron F., assignor.)
- Briggs Manufacturing Company. (See Marshall, William, assignor.)
- Briggs Manufacturing Company. (See Ross, Frederick N., assignor.)
- Briggs Manufacturing Company. (See Wexelberg, C. E., and Lilygren, assignors.)
- Briggs, Robert E., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Conveyor. 1,999,863; Apr. 30.
- Briggs & Stratton Corporation. (See Brown, Jerome, assignor.)
- Briggs & Stratton Corporation. (See Fitz Gerald, John M., assignor.)
- Briggs & Stratton Corporation. (See Fitz Gerald, John W., assignor.)
- Briggs & Stratton Corporation. (See Griffith, Raymond W., assignor.)
- Briggs & Stratton Corporation. (See Gudmundsen, Austin, assignor.)
- Briggs & Stratton Corporation. (See Jacobi, Edward N., assignor.)
- Briggs & Stratton Corporation. (See Liss, Samuel A., assignor.)
- Briggs & Stratton Corporation. (See Mack, Perry E., assignor.)
- Briggs, Walter M. (See Breedlove, William F., assignor.)
- Briggs, William F. E., et al. (See Hitchins, C. F., and Gerrard, assignors.)
- Briggs, William F. E., et al. (See Pollard, Alan F. C., assignor.)
- Brigham, Edmund D., Jr., Highland Park, assignor to North American Car Corporation, Chicago, Ill. Insulated car. 2,021,909; Nov. 26.
- Bright, Jesse D., Dallas, Tex., assignor, by mesne assignments, to American Sales Book Company, Inc. Automatic safety lock for record feed. 2,021,681; Nov. 19.
- Bright Light Reflector Co. Inc. (See Litner, Isaac, assignor.)
- Bright Star Battery Company. (See Corigliano, Peter, assignor.)
- Bright Star Battery Company. (See Desimone, Anthony J., assignor.)
- Brightbill, David, Lebanon, Pa. Sausage-stuffing machine. 2,021,831; Nov. 19.
- Brightwell, Ollie T. (See Bellamy, William D., assignor.)
- Brightwell, Thaddeus S., Rankin, assignor of one-fourth to W. E. Scholtz, Braddock, Pa. Cutting bit. 2,010,009; Aug. 6.
- Brignoni, Albert C., assignor of one-half to J. B. Craft, New Orleans, La. Air brake bushing grinder. 2,007,847; July 9.
- Briles, Larkin, Chico, Calif. Pipe wrench. 2,015,782; Oct. 1.
- Brill, August C., Oberursel, near Frankfurt-on-the-Main, Germany, assignor to The Turner Tanning Machinery Company, Portland, Maine. Safety device. 1,988,477; Jan. 22.
- Brill, J. G., Company, The. (See Latshaw, Elmer, assignor.)
- Brill, John L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ammonia recovery. 2,014,374; Sept. 17.
- Brill, Philip B., New Haven, Conn., and G. H. Ellis, St. Paul, assignors to The Insulte Company, Minneapolis, Minn. Composite construction material and making the same. 2,018,911; Oct. 29.
- Brillhart, Samuel E., and A. Le Boutillier, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Strand reeling machine. 1,988,437; Jan. 22.
- Brillinger, George A., Cleveland, Ohio. Indicating device. 2,025,151; Dec. 24.
- Brillo Manufacturing Company. (See Field, Crosby, assignor.)
- Brimberg, Isaac, Brooklyn, N. Y. Apparatus for reproducing sound. 1,991,727; Feb. 19.
- Brindley, William E., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Roll. 2,005,885; June 25.
- Briner, Emile, Geneva, and C. H. Walker, Conches, Geneva, Switzerland. Fixation of atmospheric nitrogen by means of an electric arc. 1,992,566; Feb. 26.
- Brink, Winfield S., assignor to The Firestone Steel Products Company, Akron, Ohio. Tire rim. 1,988,779; Jan. 22.
- Brink, Winfield S., assignor to The Firestone Steel Products Company, Akron, Ohio. Vehicle wheel. 1,998,800; Apr. 23.
- Brink, Winfield S., assignor to The Firestone Steel Products Company, Akron, Ohio. Vehicle wheel. 2,000,877; May 7.
- Brinker, Frederick A. (See Ruth, J. P., Jr., and Brinker.)
- Brinker, Frederic A., Denver, Colo. Differential froth flotation. 2,007,176; July 9.
- Brinker, Harold S., and W. B. Thomas, assignors to Motor Seal Corporation, Denver, Colo. Producing gas tight seals. 2,012,951; Sept. 3.
- Brinker, Harold S., and W. B. Thomas, assignors to Motor Seal Corporation, Denver, Colo. Vermiculite paste for sealing pistons. 2,012,952; Sept. 3.
- Brinton, Christian H., assignor to Standard Cap and Steel Corporation, Chicago, Ill. Method and apparatus for applying closures. 2,011,142; Aug. 13.
- Brinton, Christian H., Chicago, and G. Weiss, Des Plaines, assignors to Standard Cap and Seal Corporation, Chicago, Ill. Applying sealing means to containers. 2,022,633; Nov. 26.
- Brinton, H., Company. (See Allerton, W. H., and Aaronson, assignors.)
- Brinton, H., Company. (See Gorman, W. D., and Moses, assignors.)
- Brinton, H., Company. (See Horrocks, Harry S., assignor.)
- Brinton, H., Company. (See Levin, Nathan, assignor.)
- Brinton, H., Company. (See Schlotterer, Nelson M., assignor.)
- Briskin, Sam, Chicago, Ill. Supporting means. 2,007,998; July 16.
- Brisson, Louis C., Neuilly-sur-Seine, assignor to Société Anonyme: Société des Freins Hydrauliques S. de Lavaud, Paris, France. Brake. 1,998,533; Apr. 23.
- Bristol Aeroplane Company Limited, The. (See Fedden, Alfred H. R., assignor.)
- Bristol Aeroplane Company Limited, The. (See Fedden, A. H. R., and Butler, assignors.)
- Bristol Aeroplane Company Limited. (See Fedden, A. H. R., and Butler, assignors.)
- Bristol Aeroplane Company Limited, The. (See Whitehead, Frederick W., assignor.)
- Bristol, Carlton W., Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Mechanism for adjusting the sensitivity of control apparatus. 2,007,912; July 9.
- Bristol, Carlton W., Naugatuck, and P. A. Borden, Waterbury, assignors to The Bristol Company, Waterbury, Conn. Controller apparatus. 2,000,739; May 7.
- Bristol Company, The. (See Borden, Perry A., assignor.)
- Bristol Company, The. (See Borden, P. A., and Moss, assignors.)
- Bristol Company, The. (See Bristol, Carlton W., assignor.)
- Bristol Company, The. (See Bristol, C. W., and Borden, assignors.)
- Bristol Company, The. (See Kerr, William J., assignor.)
- Bristol Company, The. (See Mabey, Arthur L., assignor.)
- Britcher, Karl. (See Miller, S. C., and Britcher.)
- Britex Awning Cloth Co. (See Glomb, Ludwig V., assignor.)
- British American Mines Limited. (See Wood, Louis A., assignor.)
- British Electrical and Allied Industries Research Association, The. (See Whitney, W. B., and Wedmore, assignors.)
- British Xylonite Company Limited, The. (See Sproxtton, Foster, assignor.)
- Britsch, Otto C., Woodhaven, assignor to H. Hyman, Brooklyn, N. Y. Electric switch. 1,999,801; Apr. 30.
- Brittain, Harold A., Akron, Ohio, assignor, by mesne assignments, to Wingfoot Corporation, Wilmington, Del. Tube for venting tires. 2,017,582; Oct. 15.
- Brittain, John F., Erie, Pa. Tractor winch and spudding attachment therefor. 2,019,392; Oct. 29.
- Brittain, Richard J., Jr., Bloomfield, N. J., assignor to General Motors Corporation, Detroit, Mich. Seal or guard. 1,991,077 Feb. 12.
- Brittain, Richard J., Jr., Bloomfield, and O. W. Young, East Orange, N. J., assignors to General Motors Corporation, Detroit, Mich. Journal box. 2,018,008; Oct. 22.
- Britten, George S., Syracuse, N. Y. Remote controlled photographic apparatus. 1,999,278; Apr. 30.

- Britton, Charles S., Bratenahl Village, assignor to Carter Products Corporation, Cleveland, Ohio. Connection. 2,009,473; July 30.
- Britton, Claude. (See Gledhill, E. C., and Britton.)
- Britton, Edgar C. (See Nutting, H. S., Britton, Hüscher, and Petrie.)
- Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Phenol and preparation thereof. 1,996,744; Apr. 9.
- Britton, Edgar C., G. H. Coleman, and G. V. Moore, assignors to The Dow Chemical Company, Midland, Mich. Making alkylene chlorohydrins and aliphatic esters conjointly. 1,987,227; Jan. 8.
- Britton, Edgar C., and W. C. Stoesser, assignors to The Dow Chemical Company, Midland, Mich. Preparation of alpha-naphthol. 1,992,154; Feb. 19.
- Britton, Edgar C., H. S. Nutting, and P. S. Petrie, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of olefine oxides. 1,996,638; Apr. 2.
- Britton, Edgar C., and H. A. Stearns, assignors to The Dow Chemical Company, Midland, Mich. Preparation of naphthols. 1,996,745; Apr. 9.
- Britton, Edgar C., and H. R. Slagh, assignors to The Dow Chemical Company, Midland, Mich. Preparation of aryl magnesium chloride. 1,996,746; Apr. 9.
- Britton, Edgar C., H. S. Nutting, and M. E. Hüscher, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich. Acetic acid. 2,000,878; May 7.
- Britton, Edgar C., G. H. Coleman, and B. C. Hadler, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich. Chlorination of aliphatic hydrocarbons. 2,018,345; Oct. 22.
- Britton, Edgar C., G. H. Coleman and B. Mate, assignors to The Dow Chemical Company, Midland, Mich. Preparation of ethylene oxide. 2,022,182; Nov. 26.
- Britton, Edgar C., and W. C. Stoesser, and G. G. Goergen, assignors to The Dow Chemical Company, Midland, Mich. Halogenated diphenyl oxide. 2,022,634; Nov. 26.
- Britton, Edgar C., G. H. Coleman, J. W. Zemba, and E. C. Zuckermendel, assignors to The Dow Chemical Company, Midland, Mich. Purification of chlorinated hydrocarbons. 2,025,024; Dec. 24.
- Britton, Glenn B., Hannibal, assignor to International Shoe Company, St. Louis, Mo. Cutting machine block. 2,013,550; Sept. 3.
- Britton, Rex O., Port Angeles, Wash. Log barker or peeler. 2,016,069; Oct. 1.
- Brix, Hans, Rheydt, Germany. Apparatus for the wet treatment of textile goods. 1,999,317; Apr. 30.
- Brixner, Frederick G., Kansas City, Mo. Chair. 2,004,718; June 11.
- Brixner, Frederick W., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system. 1,995,272; Mar. 19.
- Broadbent, Frederick G. (See Willshaw, H., Norcorss, and Broadbent.)
- Broadfield, Mack D., Valdosta, Ga. Acidulating unit. 2,010,579; Aug. 6.
- Broadhurst, Harold M., Mossley Hill, Liverpool, England, assignor to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Treating caustic soda solutions. 2,003,734; June 4.
- Broadhurst, Jean, New York, N. Y., and C. F. Sulzner, Miami, Fla. Microscope and microscope slide. 1,996,141; Apr. 2.
- Broadhurst, Joseph H. (See Owen, H. A., and Broadhurst.)
- Broadmeyer, Albert, assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa. Sheet lapping mechanism. 1,994,012; Mar. 12.
- Broadmeyer, Albert, assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa. Sheet feeding apparatus. 1,995,631; Mar. 26.
- Broadmeyer, Albert, assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa. Ruling machine. 2,014,352; Sept. 10.
- Broadmeyer, Albert, assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa. Interleaving apparatus. 2,025,152; Dec. 24.
- Broadwater, Charles C. (See Cornell, M., and Curtis, assignors.)
- Broadwell, Bartley E., Lewiston, and L. C. Werking, Niagara Falls, assignors, by mesne assignments, to National Carbon Company, Inc., New York, N. Y. Filter medium and making the same. 1,988,478; Jan. 22.
- Broadwell, Harry M., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 2,007,634; July 9.
- Broadwell, William C., Forest Hills, N. Y. Making a button element. 2,006,535; July 2.
- Broberg, Fred E., Racine, Wis. Sharpening device. 2,019,471; Oct. 29.
- Brobst, Albert W. et al. (See Ranauro, Armando, assignor.)
- Broche, Hans, Essen Ruhr, Germany. Desulphurating coal distillation. 2,007,741; July 9.
- Brock, Arthur S., and C. F. Meinzer, Chicago, Ill., assignors, by mesne assignments, to Wallace L. Caldwell, Birmingham, Ala. Making molded products. 2,016,796; Oct. 8.
- Brock, Cai O., assignor to Kay Foods, Incorporated, Chicago, Ill. Packing method and apparatus. 1,996,453; Apr. 2.
- Brock, Denis T. (See Boughton, E. B., Emmott, and Brock.)
- Brock, Denis T., assignor, by mesne assignments, to Automotive Products Company Limited, London, England. Universal joint and coupling. 2,014,309; Sept. 10.
- Brock, William M., East Windsor, Ontario, Canada. Footing for towers. 2,024,909; Dec. 17.
- Brockman, Oscar, Louisville, Ky. Repair sole for shoes. 2,016,070 Oct. 1.
- Brockmann, Harry J., Overland, Mo. Refrigerating container for beer. 2,008,171; July 16.
- Brockmann, Wilhelm. (See Edler, A. and Brockmann.)
- Brockmeyer, Henry H., Cincinnati, Ohio. Bung and making bungs. 2,006,940; July 2.
- Brockstedt, Theophile E., San Francisco, Calif., assignor to Washington Institute of Technology, Inc. Method of and apparatus for radiodynamic steering control. 2,003,240; May 28.
- Brockstedt, Theophile E., San Francisco, Calif., assignor to Washington Institute of Technology, Inc. Radio steering control. 2,004,460; June 11.
- Brockton Last Company. (See Moorhouse, Henry L., assignor.)
- Brockway, Carl P., Paramus, N. J., assignor to National Television Corporation, Wilmington, Del. Crater lamp. 1,991,728; Feb. 19.
- Brockway, Carl P., Ridgewood, assignor to World Bestos Corporation, Paterson, N. J. Method and apparatus for impregnating brake linings. 2,004,267; June 11.
- Brockway Sales Company. (See Mengie, Glenn A., assignor.)
- Brodart, Marcel, Agen, France. Tractor wheel. 2,023,304; Dec. 3.
- Brodd, George S., Chicago, Ill. Coin selector. 2,000,462; May 7.
- Brodd, George S., assignor to R. J. Beatty, Chicago, Ill. Mechanism for feeding and inking typewriter ribbons. 2,019,805; Nov. 5.
- Brode, Johannes. (See Scharff, M., Brode, Johannsen, and Reichart.)
- Brode, Käthe, administratrix. (See Scharff, M., Brode, Johannsen, and Reichart.)
- Brodell, Nathan H., assignor to The Timken Roller Company, Canton, Ohio. Tubing. 1,988,158; Jan. 15.
- Broden, Albert H., San Antonio, Tex. Decaffeinizers and coffee saver. 1,991,653; Feb. 19.
- Broden, John G. M., Lomma, Sweden. Acoustic signaling apparatus. 2,019,596; Nov. 5.
- Broder, Hans, Zurich, Switzerland. Call control apparatus for automatic telephone plants. 2,015,783; Oct. 1.
- Broderick, Frederick C., Winnetka, Ill. Hot water heating system. 2,005,852; June 25.
- Broderick, Joseph F. (See Textorius, J. H., and Broderick.)
- Broderick, Walter T., Lovell, Wyo. Wire stretcher. 1,998,185; Apr. 16.
- Brodersen, Karl. (See Marx, K., Brodersen, and Quaadvliet.)
- Brodersen, Karl, Dessau-in-Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Wetting assistant for mercerizing cotton. 2,010,176; Aug. 6.
- Brodhead, Frank A., Atlantic City, N. J. Fastener device. 2,015,376; Sept. 24.
- Brodie, Ralph N., Company. (See Granberg, Albert J., assignor.)
- Brodsky, Aaron, New York, N. Y. Door operating mechanism. 1,990,166; Feb. 5.
- Brodsky, Michael M., Brooklyn, N. Y., assignor, by mesne assignments, to Johnson & Johnson. Box. 1,986,101; Jan. 1.
- Brody, Samuel C., Brighton, Mass. Support. 2,020,991; Nov. 12.
- Brooker, Lewis C., assignor to Bridgeport Brass Company, Bridgeport, Conn. Springless tire valve inside construction. 1,991,974; Feb. 19.
- Broeg, William E., Chicago, Ill., assignor to Standard Brands Incorporated, New York, N. Y. Composition of matter and producing porous material. 2,000,160; May 7.
- Broege, Robert J., Harvey, assignor to International Engineering Corporation, Chicago, Ill. Internal combustion engine. 1,998,978; Apr. 23.
- Broeker, Edward, Norfolk, Nebr. Quilting frame. 2,013,128; Sept. 3.
- Broemme, Frank, Palmyra, and P. Puder, Riverton, N. J. Brush cutter. 2,006,941; July 2.
- Bröer, Anton, Hamburg, assignor to the firm Schwelmer Eisenwerk Muller & Co., Aktiengesellschaft, Schwelm, Westphalia, Germany. Cream ripening vat. 1,999,081; Apr. 23.
- Broeren, Frank L., Menasha, assignor to Marathon Paper Mills Company, Rothschild, Wis. Package. 2,025,969; Dec. 31.
- Brogan, James A., Lawrence, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Arch support. 1,991,444; Feb. 19.
- Brogan, Michael F., deceased, by Theresa M. Brogan, Lawrence, Mass., administratrix, assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting machine. 1,996,853; Apr. 9.
- Brogan, Theresa M., administratrix. (See Brogan, Michael F.)
- Broden, Ernest M., Pomona, Calif., assignor to Brodrex Company, Winter Haven, Fla. Method of and apparatus for treating fruit and other articles. 2,003,275; May 28.

- Brogden, Ernest M., assignor to Brogdex Company, Winter Haven, Fla. Handling fresh fruit for market. 2,007,177; July 9.
- Brogden, Ernest M., and R. R., Pomona, Calif., assignors to Brogdex Company, Winter Haven, Fla. Apparatus for washing or treating fruit and the like. 2,015,512; Sept. 24.
- Brogdex Company. (See Brogdex, Ernest M., assignor.)
- Brogdex Company. (See Skinner, Bronson C., assignor.)
- Brogger, Ivar W., assignor to Edison-Splittorf Corporation, West Orange, N. J. Direction signal system. 1,993,540; Mar. 5.
- Brogniez, Frank, and H. W. Fletcher, assignors to Hughes Tool Company, Houston, Tex. Liquid dispensing pump. 2,024,422; Dec. 17.
- Broking, Harry G., Dayton, Ohio. Safety envelope. 2,007,178; July 9.
- Brokvist, Eric R., Brooklyn, assignor to H. R. Brand, New York, N. Y. Food removing means for cooking machines. 2,015,358; Sept. 24.
- Bromfield, Lloyd T., New York, N. Y. Drying burlap bags. 2,000,506; May 7.
- Bromfield, Lloyd T., New York, N. Y. Machine for treating bags. 2,000,507; May 7.
- Bromley, Mellor, and Company Limited. (See Bromley, T. C., and Shortland, assignors.)
- Bromley, Thomas C., and A. Shortland, assignors to Mellor Bromley and Company Limited, Leicester, England. Yarn supplying means for knitting machines. 2,015,136; Sept. 24.
- Bromwell Wire Goods Company, The. (See Melish, Thomas G., assignor.)
- Broms, Arthur W., Chicago, Ill. Tension control means. 2,000,918; May 14.
- Bronander, Wilhelm B. (See Hawkins, W. J., and Bronander.)
- Bronander, Wilhelm B., Montclair, N. J. Machine for drilling railroad ties. 1,995,168; Mar. 19.
- Bronander, Wilhelm B., Montclair, N. J. Fire extinguisher. 1,999,584; Apr. 30.
- Bronander, Wilhelm B., Montclair, N. J. Slicing machine. 2,000,508; May 7.
- Bronander, Wilhelm B., Montclair, N. J. Internal combustion engine. 2,018,702; Oct. 29.
- Bronander, Wilhelm B., Montclair, N. J. Machine for driving spikes in railroad ties. 2,021,170; Nov. 19.
- Bronander, Wilhelm B., Montclair, N. J., assignor to American Machine & Foundry Company. Knife adjuster for cigarette machine cut-offs. 1,992,735; Feb. 26.
- Bronander, Wilhelm B., Montclair, N. J., and C. Arelt, Richmond Hill, N. Y., assignors to American Machine & Foundry Company. Cigarette machine paster. 1,992,736; Feb. 26.
- Brøndby, Fridtjof N., Oslo, Norway. Firearm of the gas reloading type. 2,003,066; May 28.
- Bronshvaig, Isidor, Bronx, N. Y. Ready made tie. 2,001,452; May 14.
- Bronson, Budd, assignor to The Ohio Rubber Company, Cleveland, Ohio. Composite article. 2,011,468; Aug. 13.
- Bronstien, Edward L., St. Paul, Minn. Mattress and making the same. 2,025,328; Dec. 24.
- Bronstien, Edward L., St. Paul, Minn. Mattress and making the same. 2,025,329; Dec. 24.
- Brooke, Alec, Coventry, England. Finishing beading, molding, and the like. 2,013,598; Sept. 3.
- Brooke, Edward, Jr., Birdsboro, Pa. Toilet seat cover. 1,996,950; Apr. 9.
- Brooke, Francis M., Bryn Mawr, Pa. Igniter-compounder for internal combustion engines. 2,009,190; July 23.
- Brooke, Francis M., assignor to N. S. Brooke, Bryn Mawr, Pa. Turbine. 1,994,501; Mar. 19.
- Brooke, Frank W., assignor to Swindell-Dressler Corporation, Pittsburgh, Pa. Apparatus for heat treating material. 1,991,374; Feb. 19.
- Brooke, Hazel W., Toronto, Ontario, Canada. Portable food conditioning oven. 2,009,041; July 23.
- Brooke, Nanna S. (See Brooke, Francis M., assignor.)
- Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Neothiazolocarbocyanine dye and preparing it. 1,994,562; Mar. 19.
- Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Thiazolocarbocyanine dye and preparing it. 1,994,563; Mar. 19.
- Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Pyridinium iodides and preparing them. 2,000,578; May 7.
- Brooker, Leslie G. S., and F. L. White, assignors to Eastman Kodak Company, Rochester, N. Y. Selenazoles and preparing them. 2,005,411; June 18.
- Brooking, Harry L., Derby, Kans. Air compressor. 1,999,498; Apr. 30.
- Brookley, Mary J. F., Executrix. (See Brookley, Wendell H.)
- Brookley, Wendell H., deceased, Washington, D. C., M. J. F. Brookley, executrix. Sky writing apparatus. 2,019,652; Nov. 5.
- Brooklyn Borough Gas Company. (See Baas, Philip B. R., assignor.)
- Brooks, Alfred J., Jamaica Plain, and E. A. Laskey, Andover, Mass., said Laskey assignor to said Brooks. Shirt collar support and protector. 2,022,401; Nov. 26.
- Brooks, Arthur, Galt, Ontario, Canada. Heater. 1,987,548; Jan. 8.
- Brooks, Arthur N., West Springfield, Mass. Method of and apparatus for sampling anthracite coal. 2,006,066; June 25.
- Brooks, Benjamin T., Greenwich, Conn., assignor, by mesne assignments, to Standard Alcohol Company, Wilmington, Del. Treating olefines. 1,988,479; Jan. 22.
- Brooks, Benjamin T., Old Greenwich, Conn., and R. Schuler, Elizabeth, N. J., assignors to Standard Alcohol Company. Synthetic alcohol. 2,006,157; June 25.
- Brooks, Benjamin T., Greenwich, Conn., assignor, by mesne assignments, to Standard Alcohol Company, Wilmington, Del. Making alkyl halides. 2,015,706; Oct. 1.
- Brooks, Benjamin T., Greenwich, Conn., assignor, by mesne assignments, to Standard Alcohol Company, Wilmington, Del. Drying alcohols and esters. 2,022,274; Nov. 26.
- Brooks, Charles A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch controlling apparatus. 2,007,635; July 9.
- Brooks, Harry H., assignor to American Optical Company, Southbridge, Mass. Diagnostic instrument. 2,014,879; Sept. 17.
- Brooks, James D., assignor to Steel-Bound Container Corporation, St. Petersburg, Fla. Basket making machine. 2,016,623; Oct. 8.
- Brooks, John W., and M. N. Russell, assignors to Pass & Seymour, Inc., Syracuse, N. Y. Decorative lamp socket. 1,997,716; Apr. 16.
- Brooks, Lewis C., Milwaukee, Wis., assignor, by mesne assignments, to Sutherland Paper Company, Kalamazoo, Mich. Container and making same. 2,010,912; Aug. 13.
- Brooks, Robert A., Chicago, Ill. Flushing valve. 2,017,840; Oct. 22.
- Brooks, Samuel F., Indianapolis, Ind. Interlocking brick and wall produced therewith. 2,006,910; July 2.
- Brooks, Winfred M., West Orange, N. J. Sealing means. 1,999,718; Apr. 30.
- Brooks, Winfred M., West Orange, N. J. Twisted strands and producing same. 2,002,975; May 28.
- Broom, Knox M. (See Williams, C. L., and Simmons, assignors.)
- Broome, John E., Market Harborough, Leicester, England, assignor to O. J. Taylor, Dundee, Scotland. Busk fastening means for corsets and similar garments. 2,002,052; May 21.
- Broomham, Richard W., assignor to Motor Products Corporation, Detroit, Mich. Bending fixture. 2,011,967; Aug. 20.
- Brophy, Dorothy H., Schenectady, N. Y., assignor to General Electric Company. Alkali metal alloy. 1,995,440; Mar. 26.
- Brophy, Dorothy H., Schenectady, N. Y., assignor to General Electric Company. Alkali metal alloy. 2,000,740; May 7.
- Brophy, John J., Salem, Mass., assignor to The Turner Tanning Machinery Company, Portland, Me. Drying varnished surfaces. 2,020,296; Nov. 12.
- Bros, Chester W., assignor to Wm. Bros Boiler & Manufacturing Company, Minneapolis, Minn. Air preheating means for steam boilers. 2,011,750; Aug. 20.
- Bros, Chester W., assignor to Wm. Bros Boiler & Manufacturing Company, Minneapolis, Minn. Boiler. 2,025,266; Dec. 24.
- Bros, Wm., Boiler & Manufacturing Company. (See Bros, Chester W., assignor.)
- Bros, Wm., Boiler & Manufacturing Company. (See Bros, Chester W., assignor.)
- Brose, Walter. (See Bauer, G., and Brose.)
- Brosius, Edgar E. (See Edgar, L. C., and Brosius.)
- Brosius, Edgar E., Pittsburgh, Pa. Mud gun. 2,021,875; Nov. 19.
- Brosius, Edgar E., Pittsburgh, Pa. Substance preparation and article of manufacture. 2,023,511; Dec. 10.
- Broskie, Anthony, Oradell, N. J. Drain or waste cleaner. 2,011,535; Aug. 13.
- Brossart, John A., J. D. Bigelow, and R. W. Retterer, Indianapolis, Ind., assignors to Chicago Railway Equipment Company, Chicago, Ill. Brake beam support. 1,995,113; Mar. 19.
- Brosset, Elol, Montbellard, France. Adjustable vehicle seat. 2,025,436; Dec. 24.
- Brostrom, Charles G., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole treating machine. 1,988,780; Jan. 22.
- Brostrom, Charles G., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for surface treating shoe parts. 1,989,078; Jan. 29.
- Brostrom, Charles G., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Spark extinguisher. 1,991,445; Feb. 19.
- Brostrom, Charles G., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 1,991,446; Feb. 19.
- Brostrom, Charles G., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for roughing shoe parts. 2,002,522; May 28.
- Brostrom, Charles G., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cover trimming machine. 2,003,338; June 4.
- Brostrom, Charles G., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for surface treating shoe parts. 2,008,059; July 16.

- Brothers, Abe R., Brooklyn, N. Y. Necktie rack. 2,007,636; July 9.
- Brötz, August. (See Stöckly, J. J., and Brötz.)
- Brotz, Frank G., and A. Mallman, Kohler, Wis. Hoisting apparatus. 2,010,054; Aug. 6.
- Brougham, Leslie E., Purley, assignor to The Accounting & Tabulating Corporation of Great Britain Limited, London, England. Record card controlled statistical machine. 1,991,729; Feb. 19.
- Broughton, William W., Hobokus, N. J., assignor to The New Jersey Zinc Company, New York, N. Y. Casting stereotype plates. 1,994,634; Mar. 19.
- Broughton, William W., Hobokus, N. J., and G. L. Werley, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Zinc alloy. 1,989,308; Jan. 29.
- Brouhiet, Georges, Paris, France. Gyrostat. 2,025,640; Dec. 24.
- Brouhiet, Georges, Paris, France. Independent wheel suspension. 2,025,720; Dec. 31.
- Brouhiet, Georges, Paris, France. Front axle provided with independent wheels. 2,025,721; Dec. 31.
- Brown, Virginia M., Washington, D. C. Portable reading desk. 2,006,580; July 2.
- Brouse, William H. D., assignor to Service Station Equipment Company Limited, Toronto, Ontario, Canada. Bypass valve for liquid dispensers. 2,018,119; Oct. 22.
- Broussard, Charles J., assignor of one-fourth to G. T. Hawkins, one-fourth to I. C. Carter, and one-fourth to E. Isaac, Lake Charles, La. Multiple clamp casing head control. 1,989,679; Feb. 5.
- Brouwer, Albert, assignor to Whitin Machine Works, Whitinsville, Mass. Gear mounting. 1,993,729; Mar. 12.
- Brown, Abraham. (See Lazarus, A., and Brown.)
- Brown, Albert C., Chicago, Ill. Faucet. 1,995,792; Mar. 26.
- Brown, Albert C., Chicago, Ill. Machine for filling bags. 2,008,896; July 23.
- Brown, Alexander, New York, N. Y. Bed tray table. 2,003,241; May 28.
- Brown, Alfred G., Los Angeles, Calif., and S. E. McPartlin, Chicago, Ill. Making insulation board. 2,012,805; Aug. 27.
- Brown, Alfred T., assignor to The Warner Elevator Mfg. Company, Cincinnati, Ohio. Residence elevator. 2,004,060; June 4.
- Brown, Andrew C., Detroit, Mich., assignor to Compressed Industrial Gases, Inc., Chicago, Ill. Electrolytic cell. 2,018,703; Oct. 29.
- Brown, Annie B., West Hartford, Conn. Garment hanger. 2,025,427; Dec. 24.
- Brown, Armit, Mount Desert, Maine. Lawn chair. 2,006,667; July 2.
- Brown, Arthur B., and D. W., Bransky, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Treating waste acid. 2,022,800; Dec. 3.
- Brown, Arthur E., and W. Vaughan, London, Ontario, Canada, assignors to L. Benoit, New York, N. Y. Mechanism for assembling cartons. 1,993,915; Mar. 12.
- Brown, Arthur J. S., Bromley, and A. L. Ash, Thorpe Bay, assignors to J. Stone & Company Limited, Deptford, England. Carbon pile regulator. 2,015,468; Sept. 24.
- Brown, Arthur J. S., Bromley, and A. L. Ash, Thorpe Bay, assignors to J. Stone & Company Limited, Deptford, England. Carbon pile regulator. 2,023,723; Dec. 10.
- Brown, Arthur R. (See Mullins, R., and Brown.)
- Brown, Arthur S., assignor, by mesne assignments, to Remington Arms Company, Inc., Bridgeport, Conn. Operating target traps. 1,998,268; Apr. 16.
- Brown, Augustus N., McDonough, Ga. Gin saw gumming and filing machine. 1,990,112; Feb. 5.
- Brown Bag Filling Machine Company. (See Chandler, Austin S., assignor.)
- Brown Bag Filling Machine Company, The. (See Greenlaw, Burpee D., assignor.)
- Brown & Bailey Company. (See Brown, Henry T., assignor.)
- Brown & Bailey Company. (See Keppler, Albert E., assignor.)
- Brown, Banks D., assignor to Capstan Glass Company, Connellsville, Pa. Glass furnace. 2,001,766; May 21.
- Brown, Benjamin G., Salt Lake City, Utah. Focusing device for cameras. 2,025,438; Dec. 24.
- Brown, Benjamin W. (See Chapman, J., and Brown.)
- Brown, Bernard A., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Bearing. 1,987,178; Jan. 8.
- Brown, Bernard R., Maywood, Ill. Serving dish and handle therefor. 1,993,590; Mar. 5.
- Brown & Bigelow. (See Winford, Orion P., assignor.)
- Brown Boveri & Cie. (See Noack, Walter G., assignor.)
- Brown, Bruce K., Evanston, assignor to Standard Oil Company, Chicago, Ill. Dewaxing with nonmiscible refrigerant. 2,005,988; June 25.
- Brown, Carl A., and C. W. Craig, East Cleveland, and F. B. Van Sickle, Euclid, Ohio, assignors to General Electric Company. Method of and apparatus for blowing bulbs and similar articles. 1,988,297; Jan. 15.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Filling parting means for temples. 1,990,111; Feb. 5.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Electrically controlled textile machine. 1,998,305; Apr. 16.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Movable reed mechanism. 1,998,306; Apr. 16.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Loom stop motion. 2,009,872; July 30.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Loom shuttle. 2,012,585; Aug. 27.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Yielding reed. 2,017,945; Oct. 22.
- Brown, Carl G., Manila, P. I. Bagasse burning furnace. 1,991,375; Feb. 19.
- Brown, Charles A., Lorain, Ohio, assignor of one-half to G. G. Earl, New Orleans, La. Fluid level and pressure indicating system. 1,987,988; Jan. 15.
- Brown, Charles B., Sandpoint, Idaho. Stove. 1,991,135; Feb. 12.
- Brown, Charles E. (See Melott, John, assignor.)
- Brown, Charles S., Syracuse, N. Y. Head block for air cooled internal combustion engines. 1,991,447; Feb. 19.
- Brown, Charles S., Syracuse, N. Y. Cylinder block construction for air cooled engines. 2,012,739; Aug. 27.
- Brown, Charles S., Syracuse, N. Y. Multicylinder block for air cooled engines. 2,012,740; Aug. 27.
- Brown, Charles S., Syracuse, N. Y. Cylinder head construction. 2,022,556; Nov. 26.
- Brown, Charles W., San Diego, Calif. Flushing device. 2,015,003; Sept. 17.
- Brown, Christopher, Ford City, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for cutting disks. 1,988,538; Jan. 22.
- Brown, Cicero C. (See Gray, E., and Brown.)
- Brown, Claud R. (See Thomas, J. F. and Brown.)
- Brown, Clifford V., Pittsburgh, Pa. Game apparatus. 1,986,710; Jan. 1.
- Brown Company. (See Ayers, Fred L., assignor.)
- Brown Company. (See Brown, O. B., and Cook, assignors.)
- Brown Company. (See Hill, Roger B., assignor.)
- Brown Company. (See Moore, Hugh K., assignor.)
- Brown Company. (See Parker, Howard, assignor.)
- Brown Company. (See Richter, George A., assignor.)
- Brown Company. (See Richter, G. A., and Schur, assignors.)
- Brown Company. (See Schur, Milton O., assignor.)
- Brown Company. (See Schur, M. O., and Hoos, assignors.)
- Brown Company. (See Sherman, John C., assignor.)
- Brown Company. (See Mezilitz, William B., assignor.)
- Brown Company. (See Woodman, Wilbur B., assignor.)
- Brown, David E., assignor of one-half to H. G. Bradow, Detroit, Mich. Hood latch. 1,996,454; Apr. 2.
- Brown, Davis, Los Angeles, Calif. Apparatus for plastic material manufacture. 1,987,359; Jan. 8.
- Brown, Davis, Los Angeles, Calif. Method of and apparatus for molding clay bodies. 2,005,886; June 25.
- Brown, Derrell E., Onawa, Iowa. Casket truck drape. 1,998,269; Apr. 16.
- Brown, Donald, Newcastle-upon-Tyne, England, assignor of twenty-five per cent to Thorvald N. Garson, Staten Island, N. Y. Building construction. 2,023,989; Dec. 10.
- Brown, Earl D. (See Cone, C. N., and Brown.)
- Brown, Earl W., Elyria, Ohio, assignor to National Tube Company. Apparatus for casting ingots. 1,994,683; Mar. 19.
- Brown, Edgar D., Pottsville, Pa. Automobile brake. 2,007,593; July 9.
- Brown, Edward A., Des Moines, Iowa. Combustion controller. 2,017,562; Oct. 15.
- Brown, Edwin, New York, N. Y. Portable vaporizing apparatus. 2,023,402; Dec. 10.
- Brown, Edwin H., Wauwatosa, A. Pokras, Milwaukee, and T. C. Rathbone, Whitesfish Bay, assignors to A. O. Smith Corporation, Milwaukee, Wis. Apparatus for charging molding powder. 1,990,634; Feb. 12.
- Brown, Ellsworth D., Houston, Tex. Cutting machine track. 2,021,441; Nov. 19.
- Brown, Eric F., Des Moines, Iowa. Visible shift binder for record sheets or the like. 2,005,968; June 25.
- Brown, Esther G., Roanoke, Va. Hair waving cap. 2,020,236; Nov. 5.
- Brown, Ethel L., administratrix. (See Brown, Robert E.)
- Brown-Fayro Company, The. (See Warmoth, George W., assignor.)
- Brown, Fenby T., assignor to Investors Industries, Inc., Baltimore, Md. Free-wheeling clutch for automobiles. 2,009,914; July 30.
- Brown, Francis D., and R. J. Musser, Los Angeles, assignors of one-third to C. Alan, Pomona, Calif., one-third to F. M. Goldsberry, and one-third to said Brown. Drier. 1,994,083; Mar. 12.
- Brown, Fred W., Los Angeles, Calif. Device for separating fruit juice from pulp. 2,011,211; Aug. 13.
- Brown, Frederick L., assignor to The American Pad & Textile Company, Greenfield, Ohio. Life preserver jacket. 1,994,189; Mar. 12.
- Brown, Frederick L., assignor to The American Pad & Textile Company, Greenfield, Ohio. Sleeping bag. 2,015,588; Sept. 24.
- Brown, George F., Colorado Springs, Colo. Dental appliance. 2,022,457; Nov. 26.
- Brown, George G., Washington, D. C. Fireplace heater. 1,998,427; Apr. 16.
- Brown, George R., Stratford, Conn., assignor to General Electric Company. Plug fuse and adapter. 2,018,484; Oct. 22.
- Brown, George T., New York, N. Y. Golf target. 1,989,165; Jan. 29.

- Brown, George W., assignor to Bankers Protection Company, San Francisco, Calif. Metal mesh lining. 2,019,044; Oct. 29.
- Brown, Gerald, Barnes, London, and E. Pollard, London, England. Display window. 2,003,735; June 4.
- Brown, Gouverneur G., Brooklyn, N. Y. Drill. 2,006,536; July 2.
- Brown, Gouverneur G., Brooklyn, N. Y. Drill. 2,025,567; Dec. 24.
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Combined thermometer and support. 2,012,741; Aug. 27.
- Brown, Harold H. (See Haughey, Theodore P., assignor.)
- Brown, Harold H., Appleton, Wis., assignor to Locke Insulator Corporation, Baltimore, Md. Radio interference-proof insulator. 1,988,369; Jan. 15.
- Brown, Henry T., Moorestown, N. J., assignor to Brown & Bailey Company, Philadelphia, Pa. Foldable container. 2,020,353; Nov. 12.
- Brown, Horatio W., Concord, and C. J. Taylor, Melrose, assignors to Bemis Industries, Incorporated, Boston, Mass. Paneling arrangement. 1,992,054; Feb. 19.
- Brown Instrument Company, The. (See Brown, R. P., and Harrison, assignors.)
- Brown Instrument Company, The. (See Brown, Richard P., assignor.)
- Brown Instrument Company, The. (See Krogh, Anker E., assignor.)
- Brown Instrument Company, The. (See Poole, Foster M., assignor.)
- Brown Instrument Company, The. (See Side, Frederick W., assignor.)
- Brown, James A., Camden, Ohio. Toy shuttlecock. 2,009,759; July 30.
- Brown, James F. (See Hartman, H. W., and Brown.)
- Brown, James H., Pittsfield, Mass. Detachable and collapsible lavatory seat. 2,023,162; Dec. 3.
- Brown, James W., assignor to Coffee Products of America Inc., Ltd., Los Angeles, Calif. Receptacle closure. 2,012,586; Aug. 27.
- Brown, Jerome, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Filter. 2,017,232; Oct. 15.
- Brown, John, Glasgow, Scotland. Treating wood for surface ornamentation. 2,017,037; Oct. 15.
- Brown, John, Somerton, England, assignor to Radio Corporation of America. Distribution system. 1,986,182; Jan. 1.
- Brown, John C., South Weymouth, Mass. Attachment for shoes. 1,998,921; Apr. 23.
- Brown, John E., and A. B. Clark, assignors to Willard Storage Battery Company, Cleveland, Ohio. Feeding means for grid pasting machines. 2,016,031; Oct. 1.
- Brown, John H. (See Bates, A., and Brown.)
- Brown, John H. (See Reid, R. G., and Brown.)
- Brown, John H., Springfield, Mass. Bonnet or cap for fastening devices. 1,994,978; Mar. 19.
- Brown, John L. (See Harding, W. R., and Brown.)
- Brown, John L., Catonsville, assignor of one-half to W. W. Varney, Baltimore, Md. Smoking charge. 1,989,130; Jan. 29.
- Brown, John L., Verona, assignor to Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa. Speed control apparatus. 1,991,079; Feb. 12.
- Brown, John L., Verona, and T. C. Fockler, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding apparatus. 1,987,664; Jan. 15.
- Brown, John L., Verona, and J. H. Blankenbuehler, Edgewood, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Speed control apparatus. 1,991,078; Feb. 12.
- Brown, John W., Cleveland, Ohio. Melting and holding furnace. 2,020,101; Nov. 5.
- Brown, Joseph H., Brooklyn, N. Y., assignor to Celluloid Corporation. Article and material containing organic derivatives of cellulose. 2,025,568; Dec. 24.
- Brown, Joseph W. (See Goff, C. M., and Brown.)
- Brown, Leslie, Trenton, N. J. Making ceramic granules. 2,007,742; July 9.
- Brown, Leslie, assignor to Lenox Incorporated, Trenton, N. J. Porcelain resistant to the passage of X-rays and making the same. 2,018,600; Oct. 22.
- Brown-Lipe Gear Company. (See Fawick, Thomas L., assignor.)
- Brown-Lipe Gear Company. (See Spase, Charles B., assignor.)
- Brown, Loren L., Cuba, Mo. Hen nest door. 1,994,208; Mar. 12.
- Brown, Luther E., Greggton, Tex. Rest. 2,016,482; Oct. 8.
- Brown, Luther S., Fresno, Calif. Gas burner. 2,017,338; Oct. 15.
- Brown, Luther S., Fresno, Calif. Vehicle axle. 2,019,806; Nov. 5.
- Brown, Maude S., Tracy, Calif. Pastry holding rack. 2,020,534; Nov. 12.
- Brown, Meade J., Greenville, Mich. Clothesrack. 2,016,313; Oct. 8.
- Brown, Milton L. and S. Mobile, Ala. Permanent marker for cotton bales. 2,004,924; June 18.
- Brown, Ned C. L., Scottsville, assignor to General Railway Signal Company, Rochester, N. Y. Magnetic car retarder. 1,990,893; Feb. 12.
- Brown, Ned C. L., Scottsville, assignor to General Railway Signal Company, Rochester, N. Y. Car retarder for railroads. 2,009,953; July 30.
- Brown, Newman T., Seattle, Wash., assignor to A. P. Grommesch, Seattle, Wash., deceased, now by decree of distribution to K. H. Grommesch. Heating means for treating vegetables or fruit. 2,001,703; May 21.
- Brown, Newman T., assignor to A. P. Grommesch, Seattle, Wash., now by decree of distribution to K. H. Grommesch, widow. Conveyor for vegetable and fruit fumigating devices. 2,006,343; July 2.
- Brown, Newton N. (See Gittings, W. L., and Brown.)
- Brown, Orton B., and E. P. Cook, assignors to Brown Company, Berlin, N. H. Method of and apparatus for manufacturing and treating strand material. 1,996,272; Apr. 2.
- Brown, Orville C., Cuba, Ohio. Tire tool. 2,009,338; July 23.
- Brown, Percy, Chicago, Ill. Shower bath attachment. 2,017,396; Oct. 15.
- Brown, Philip C., Dover, N. H. Check strap for looms. 1,998,801; Apr. 23.
- Brown, Ralph L., Syracuse, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Catalyst and production of acetic acid. 1,998,218; Apr. 16.
- Brown, Ralph L., Syracuse, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Catalyst and the production of organic acids. 1,998,219; Apr. 16.
- Brown, Ralph L., Syracuse, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Catalyst and the production of oxygenated organic compounds. 1,998,220; Apr. 16.
- Brown, Ralph L., Montclair, and N. W. Wroby, Maplewood, assignors to G. R. Spangenberg, Newark, N. J. Water heater. 2,026,341; Dec. 31.
- Brown, Ray A., Rockford, Ill. Housing heater. 1,996,502; Apr. 2.
- Brown, Ray A., Rockford, Ill. Housing heater. 2,010,622; Aug. 6.
- Brown, Raymond L., Harwinton, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Bearing mounting. 2,015,784; Oct. 1.
- Brown, Raymond M., Newport News, Va. Bottle opener. 1,996,696; Apr. 2.
- Brown, Raymond S., Columbus, Ind. Loose leaf book. 2,023,802; Dec. 10.
- Brown, Reinhardt H., Fremont, Ohio. Collapsible basket. 2,020,766; Nov. 12.
- Brown, Reynolds D., Jr., assignor to Philadelphia Storage Battery Company, Philadelphia, Pa. Automatic volume control. 1,988,370; Jan. 15.
- Brown, Richard Auburndale, and E. H. Perry, Worcester, Mass. Moisture indicator. 2,009,760; July 30.
- Brown, Richard D., Olean, N. Y. Knife handle. 1,998,044; Apr. 16.
- Brown, Richard D., Olean, N. Y. Knife handle and making same. 1,998,356; Apr. 16.
- Brown, Richard P., Philadelphia, and T. R. Harrison, Wyncote, assignors to The Brown Instrument Company, Philadelphia, Pa. Apparatus for gas analyses. 2,000,119; May 7.
- Brown, Richard P., assignor to The Brown Instrument Company, Philadelphia, Pa. Compensated flow meter. 2,015,839; Oct. 1.
- Brown, Robert C., Evanston, Ill. Domestic refrigerator. 2,000,879; May 7.
- Brown, Robert E., deceased, Olean, N. Y., E. I. Brown, administratrix. Hone. 1,990,401; Feb. 5.
- Brown, Robert G., Burleson, Tex. Branding method and means. 1,995,666; Mar. 26.
- Brown, Robert H. (See Metz, H., and Brown.)
- Brown, Robert H., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Duplex metal article. 1,997,165; Apr. 9.
- Brown, Robert H., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Duplex metal article. 1,997,166; Apr. 9.
- Brown, Robert H., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Duplex metal article. 2,023,512; Dec. 10.
- Brown, Robert H., and L. A. Willey, New Kensington, Pa., assignors, by mesne assignments, to Magnesium Development Corporation. Magnesium duplex metal. 2,011,613; Aug. 20.
- Brown, Robert S., assignor to New Britain-Gridley Machine Company, The, New Britain, Conn. Rotary cross cut tool. 1,990,724; Feb. 12.
- Brown, Robert S., assignor to The New Britain-Gridley Machine Company, New Britain, Conn. Machine tool. 2,006,496; July 2.
- Brown, Roberto W., Boston, Mass. Cutting edge tester. 2,008,678; July 23.
- Brown, Roberto W., Boston, Mass. Edge testing medium. 2,008,679; July 23.
- Brown, Roy L., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer air-blast equipment. 2,024,716; Dec. 17.
- Brown, Roy W., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Thickness gauge. 1,993,037; Jan. 22.
- Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for gauging and controlling the thickness of material. 1,989,033; Jan. 22.

- Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanizing apparatus. 1,998,802; Apr. 23.
- Brown, Samuel. (See Brown, Milton L. and S.)
- Brown, Samuel B., Los Angeles, Calif. Pump or engine. 2,001,011; May 14.
- Brown, Sanford. (See Hanson, E. R., and Brown.)
- Brown and Sharpe Manufacturing Company. (See Avis, Samuel W., assignor.)
- Brown and Sharpe Manufacturing Company. (See Miner, I. O., and Bennett, assignors.)
- Brown & Sharpe Mfg. Co. (See Moo, Gothard T., assignor.)
- Brown and Sharpe Manufacturing Company. (See Rich, Charles A., assignor.)
- Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Power lift means for tractors and the like. 1,997,765; Apr. 16.
- Brown, Theophilus, and L. A. Murray, assignors to Deere & Company, Moline, Ill. Tractor. 2,002,002; May 21.
- Brown, Thomas C., San Francisco, Calif., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,005,074; June 18.
- Brown, Thomas C., San Francisco, Calif., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,016,887; Oct. 8.
- Brown, Thomas I., assignor to W. J. Pearson, Los Angeles, Calif. Moistener. 2,003,736; June 4.
- Brown, Vernie R., and A. G. Sabol, Lawrence, Kans. Electromagnetic pipe organ action. 1,986,956; Jan. 8.
- Brown, Vincent H. (See Callahan, J. L., and Brown.)
- Brown, Vincent H., Ozone Park, N. Y., assignor to Radio Corporation of America. Radio telegraph concentrator. 2,003,425; June 4.
- Brown, Wallace E., Fairfield, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hose coupling. 2,003,918; June 4.
- Brown, Wallace E., Fairfield, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hose suspension. 2,007,999; July 16.
- Brown, Walter I., Oakland, Calif. Rotary wood chipping machine. 2,004,367; June 11.
- Brown, Walter J., Middlesex, and R. E. Spencer, London, assignors to Electric & Musical Industries, Ltd., Middlesex, England. Light-current electric switch suitable for wireless receivers. 2,019,807; Nov. 5.
- Brown, Wilbur F., Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Packaging of glass. 1,998,486; Apr. 23.
- Brown, Wilbur F., Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Furnace wall construction. 2,010,655; Aug. 6.
- Brown, Willard C. (See Roper, V. J., and Brown.)
- Brown, Willard C., East Cleveland, V. J. Roper, Cleveland, and F. E. Denny, Cleveland Heights, Ohio, assignors to General Electric Company. Lens for vehicle head lamps. 2,012,806; Aug. 27.
- Brown, William, assignor to McAdoo & Allen Welting Company, Quakertown, Pa. Goodyear welting. 1,993,541; Mar. 5.
- Brown, William, assignor to McAdoo & Allen Welting Company, Quakertown, Pa. Goodyear welting. 2,004,887; June 11.
- Brown, William, assignor of one-half to Darwins Limited, Sheffield, England. Stropping and honing device. 2,024,272; Dec. 17.
- Brown, William A., Connellsville, Pa., assignor to The Carborundum Company, Niagara Falls, N. Y. Cast iron and the manufacture thereof. 2,020,171; Nov. 5.
- Brown, William C., Mohawk, N. Y. Distributor. 2,025,641; Dec. 24.
- Brown, William R., Monroe, La., assignor to Shuron Optical Company, Inc., Geneva, N. Y. Spectacles. 1,991,270; Feb. 12.
- Brown, William T. (See Bedell, H. G., Eustege, and Brown.)
- Brown, William Y., Charlotte, assignor of one-third to W. C. Honeycutt, Black Mountain, and one-half to R. H. Garland, Charlotte, N. C. Multiple lubrication apparatus. 2,008,850; July 23.
- Brown, William Y., Charlotte, assignor of part interests to W. C. Honeycutt, Black Mountain, and R. H. Garland, Charlotte, N. C. Lubrication apparatus. 2,016,888; Oct. 8.
- Brown, William Y., Charlotte, assignor of one-third to W. C. Honeycutt, Black Mountain, and one-third to R. H. Garland, Charlotte, N. C. Control means for lubrication apparatus. 2,016,889; Oct. 8.
- Browne, Alfred L., South Orange, N. J. Heating system. 2,013,909; Sept. 10.
- Browne, Cecil O. (See Whitaker, A., and Browne.)
- Browne, Cecil O., West Acton, London, assignor to Electric and Musical Industries Limited, Hayes, England. Television. 2,007,594; July 9.
- Browne, Harold H., Brooklyn, assignor to The Hills Brothers Company, New York, N. Y. Treatment of fruit juices. 1,989,399; Jan. 29.
- Browne, Kenneth A., Paterson, N. J., assignor, by mesne assignments to The Reed Propeller Co., Inc., Garden City, N. Y. Mixture ratio controller for fuel injection pumps. 1,995,601; Mar. 26.
- Browne, Leon P., and E. Staffieri, Everett, Wash. Control device for sleds. 2,008,488; July 16.
- Browne, Montague P., assignor to Mechanical Devices Corporation of America, Buffalo, N. Y. Adjustable seat for vehicles. 1,987,431; Jan. 8.
- Browne, Montague P., assignor to Mechanical Devices Corporation of America, Buffalo, N. Y. Sliding seat mounting for automobiles and the like. 1,999,391; Apr. 30.
- Browne, Montague P., assignor to Mechanical Devices Corporation of America, Buffalo, N. Y. Sliding seat mounting for vehicles. 2,000,463; May 7.
- Browne, Montague P., assignor to Mechanical Devices Corporation of America, Buffalo, N. Y. Sliding seat mounting for vehicles. 2,014,553; Sept. 17.
- Browne, Ralph C., Salem, Mass. High voltage electrical machine. 2,005,451; June 18.
- Browne, Theodore C., Hinsdale, Ill., and A. C. Buttfeld, North Plainfield, N. J. Printing plate and forming the same. 1,991,009; Feb. 12.
- Browne, Theodore C., Hinsdale, Ill. Manufacturing rubber printing plates and other articles of rubber. 2,022,183; Nov. 26.
- Browne, Vere B., Brackenridge, Pa., assignor to Allegheny Steel Company. Magnetic alloy. 1,995,562; Mar. 26.
- Browne, Vere B., assignor to Allegheny Steel Company, Brackenridge, Pa. Stable chromium-nickel-iron alloy. 2,001,123; May 14.
- Browne, William W., Yonkers, N. Y. Device for applying medicaments or disinfectants to feet. 1,992,648; Feb. 26.
- Browning Arms Company. (See Russell, J. E., Ellis, and Gardiner, assignors.)
- Browning Crane & Shovel Co., The. (See Meyer, Arthur S., assignor.)
- Browning, George, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric clock setting and starting mechanism. 1,986,493; Jan. 1.
- Browning, George, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric sadiron. 1,993,956; Mar. 12.
- Browning, George, Wilmette, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Alarm mechanism. 1,986,499; Jan. 1.
- Browning, George, Wilmette, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Space heater. 2,015,251; Sept. 24.
- Browning, Howard D., Wakefield, R. I. Automatic shut-off for direction signal for automobiles and other motor vehicles. 2,010,747; Aug. 6.
- Browning, John C. (See Robinson, N. H., Frazier, Browning, and Smith.)
- Browning, John N., Maysville, Ky., assignor to General Fibre Products, Incorporated, Indianapolis, Ind. Bushing. 2,010,451; Aug. 6.
- Brownlee, Dalmat T., Indianapolis, Ind., assignor, by mesne assignments, to W. C. Starkey, R. S. Pruitt, and W. H. Beal, trustees. Temperature controlling means for internal combustion engines. 2,019,476; Nov. 5.
- Brownlow, Charles R., Los Angeles, Calif. Saw guide. 2,025,330; Dec. 24.
- Brownson, Henry W., Moseley, Birmingham, M. Cook, N. Pagnall, and H. J. Miller, Fellings Park, Wolverhampton, England, assignors to Imperial Chemical Industries Limited. Manufacture of alloys containing copper and zinc. 1,992,118; Feb. 19.
- Brownson, Henry W., Moseley, Birmingham, and R. Chadwick, Heaton Grove, Bradford, England, assignors to Imperial Chemical Industries, Limited. Galvanic battery. 2,018,942; Oct. 29.
- Brownstein, Benjamin, Ellwood City, Pa. Mandrel bar for continuous tube rolling mills. 2,025,439; Dec. 24.
- Brownier, Nelson R. (See Alden, H. W., and Brownier.)
- Brownier, Nelson R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Car wheel. 2,016,828; Oct. 8.
- Brownier, Nelson R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Car truck. 2,023,756; Dec. 10.
- Brubacher, William, Kapuskasing, Ontario, Canada. Process of and apparatus for producing pulp. 2,008,635; July 16.
- Brubaker, Jacob E., assignor to The Hubley Manufacturing Company, Lancaster, Pa. Toy. 1,991,654; Feb. 19.
- Brubaker, Jacob E., assignor to The Hubley Manufacturing Company, Lancaster, Pa. Toy pistol. 1,993,916; Mar. 12.
- Brubaker, John T., Wilkesburg, Pa. Display device. 1,990,894; Feb. 12.
- Brubaker, John T., Wilkesburg, Pa. Mold. 1,998,831; Apr. 23.
- Brubaker, John T., Wilkesburg, Pa. Piston construction for internal combustion engines. 2,023,513; Dec. 10.
- Brubaker, Merlin M., and G. D. Graves, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resin. 1,993,823; Mar. 12.
- Brubaker, Merlin M., Wilmington, Del., and R. E. Thomas, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Resinous compositions. 2,009,432; July 30.
- Brubaker, Merlin M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Arylated esters and synthetic resinous compositions. 2,025,642; Dec. 24.
- Bruce, Albert W., Ottumwa, Iowa. Bottle crate. 1,992,411; Feb. 26.
- Bruce, Albert W., Ottumwa, Iowa. Treating animals. 2,015,058; Sept. 24.

- Bruce, Alfred W., assignor to American Locomotive Company, New York, N. Y. Railway vehicle journal box pedestal cap. 2,006,911; July 2.
- Bruce, Alfred W., assignor to American Locomotive Company, New York, N. Y. Steam generator. 2,009,727; July 30.
- Bruce, Chester F., and R. S. Bascom, assignors to Greenfield Tap & Die Corporation, Greenfield, Mass. Double purpose threading die. 2,010,913; Aug. 13.
- Bruce, Dayton S., Amarillo, Tex. Device for underground watering and fertilizing. 2,016,983; Oct. 8.
- Bruce, E. L., Company. (See Lyons, Frank H., assignor.)
- Bruce, E. L., Company. (See Rhinevault, Glenn G., assignor.)
- Bruce, Harry A., Kansas City, Kans. Sand dredge and cleaning system. 2,010,843; Aug. 13.
- Bruce, Henry W. et al. (See Wills, Harry F., assignor.)
- Bruce, Hope, Washington, D. C. Correspondence sheet. 2,004,688; June 11.
- Bruce, Robert N. B. D. (See Griffith, R. H., Bruce, and Hill.)
- Bruchmiller, Edwin H. (See Turner, J. W., and Bruchmiller.)
- Brucker, Ferdinand F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making composite articles. 2,023,264; Dec. 3.
- Brucker, Henry, Maplewood, N. J. Container and pouring spout. 2,011,434; Aug. 13.
- Bruckl, John. (See Fry, W. L., and Bruckl.)
- Bruder, Julius, Albany, and H. D. Boyd, East Greenbush, assignors to American Meter Company, Inc., New York, N. Y. Plating mechanism. 2,022,184; Nov. 26.
- Brueckl, John, Union City, N. J. Seat covering device. 1,999,560; Apr. 30.
- Brueckmann, Earl C., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Base and based electric device. 1,989,786; Feb. 5.
- Brueggemann, Henry B., St. Bernard, Ohio. Wheel chock. 2,011,469; Aug. 13.
- Bruegger, Zeno A., Boise, Idaho. Metered piston truss. 1,991,655; Feb. 19.
- Bruemmer, Carl G., Norwood, Ohio. Gas meter. 1,990,930; Feb. 12.
- Bruenn, Alexander, New York, N. Y. Warping creel thread stop. 2,002,137; May 21.
- Brueshaber, Martin W., and H. Lang, Chicago, Ill., assignors to Goss Printing Press Company. Printing press. 1,989,843; Feb. 5.
- Bruffee, Archer E., Portland, Oreg. Antiskidding device. 2,006,210; June 25.
- Bugge, Bernard J., assignor to The Lincoln Electric Company, Cleveland, Ohio. Electric arc welding. 2,001,179; May 14.
- Bruggeman, Jean, Alost, Belgium, assignor to Du Pont Rayon Company, New York, N. Y. Method of drying. 1,999,585; Apr. 30.
- Brügger, Albert H., Philadelphia, Pa. Centering and clamping device adapted for spools and spindles in the textile industry. 2,007,705; July 9.
- Brugger, Ida W. (See Schlitz, John, assignor.)
- Brühl, Paul, Berlin-Lichtenberg, and F. Neugart, Berlin-Charlottenburg, Germany, assignors to M. Staub, Calcutta, British India. Antifriction bearing. 1,988,070; Jan. 15.
- Brujines, Johannes. (See Zecher, G., and Brujines.)
- Brujines, Johannes, Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company. Electric discharge tube. 1,994,301; Mar. 12.
- Brujines, Johannes P., Schouwstra, and B. van Engel, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge device. 2,009,221; July 23.
- Bruins, Jan, Zaandam, Netherlands. Process and machine for laying a drain conduit. 1,991,919; Feb. 19.
- Brumbaugh, Isaac V., St. Louis, Mo. Combinations of enamel and sprayed metal. 2,004,567; June 11.
- Brumbaugh, Isaac V., assignor to American Stove Company, St. Louis, Mo. Generator gasoline burner. 2,018,601; Oct. 22.
- Brumm, George O., Worcester, Mass. Oil burner. 2,005,532; June 18.
- Brump, Herbert L. (See Forsythe, J. B., Brump, and Ellis.)
- Brump, Herbert L. (See Nichols, H. J., and Brump.)
- Brump, Herbert L., Dayton, Ohio, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automatic cut-out. 1,997,040; Apr. 9.
- Brumund Bros. & Hufker Foundry, Incorporated. (See Brumund, Elmer G., assignor.)
- Brumund, Elmer G., assignor to Brumund Bros. & Hufker Foundry, Incorporated, Chicago, Ill. Marker. 2,005,217; June 18.
- Brün, Willi, Bridgeport, Conn., assignor to Remington Arms Company, Inc. Lead salt of dinitro benzoic acid and priming composition containing the same. 1,991,730; Feb. 19.
- Brün, Willi, Bridgeport, Conn., assignor to Remington Arms Company, Inc. Manufacture of copper ammonium salts of diazo amino tetrazole. 2,001,299; May 14.
- Brün, Willi, Bridgeport, Conn., assignor to Remington Arms Company, Inc. Priming mixture. 2,004,719; June 11.
- Brün, Willi, Bridgeport, Conn., assignor to Remington Arms Company, Inc. Manufacture of copper ammonium salts of diazo amino tetrazole. 2,021,478; Nov. 19.
- Brün, Willi, Krefeld, Germany, assignor to Remington Arms Company, Inc. Lead salts of dinitrosalicylic acid. 2,021,497; Nov. 19.
- Brundrett, Herald M., Stephenville, Tex., dedicated to the free use of the Public. Spraying machine. 1,986,756; Jan. 1.
- Brune, William H., Chicago Heights, Ill. Excavating dipper construction. 2,003,067; May 28.
- Brunelee, Eugene A., Somersworth, N. H. Cooking machine. 2,004,500; June 11.
- Bruner, Clarence C., Phippsburg, Colo. Air brake safety device. 1,993,239; Mar. 5.
- Bruner-Ritter, Inc. (See Ritter, Saul, assignor.)
- Brunetti, Louis, Jackson Heights, N. Y. Wheel attachment for sleds. 2,024,423; Dec. 17.
- Brunhoff, Henry E., Wyoming, assignor to The Brunhoff Manufacturing Company, Cincinnati, Ohio. Table fixture. 1,993,702; Mar. 5.
- Brunhoff Manufacturing Company, The. (See Brunhoff, Henry E., assignor.)
- Bruning, Charles, Company Inc. (See Murck, Knud, assignor.)
- Brunk, Charles O. A., assignor to Memorial Mausoleum Corporation, Detroit, Mich. Burial vault. 2,000,919; May 14.
- Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. Automatic band control. 1,992,649; Feb. 26.
- Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. Blue print machine. 1,995,199; Mar. 19.
- Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. Arc lamp. 2,003,104; May 28.
- Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. Apparatus for making blue prints. 2,024,678; Dec. 17.
- Brunk, Harold J., and F. F. Doerrich, Chicago, Ill., assignors to The C. F. Pease Company. Arc lamp. 1,992,650; Feb. 26.
- Brunkn, Johannes. (See Wilmanns, G., and Brunkn.)
- Brunkow, Gerhard, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg, Buckau, Germany. Rotary furnace. 2,013,486; Sept. 2.
- Brunn, Carl F., Brisbane, Calif. Washing machine. 2,003,642; June 4.
- Brunner, Albert, assignor to Wagner Electric Corporation, St. Louis, Mo. Hose fitting. 2,024,507; Dec. 17.
- Brunner, Albert H., Los Angeles, Calif., assignor to Schumacher Wall Board Corporation, Los Angeles, Calif. Structural material and making the same. 1,997,293; Apr. 9.
- Brunner, Elmer H., and S. A. Wall, East Cleveland, assignors to Brunner State Studios, Inc., Cleveland, Ohio. Mechanism for removing curling in blanks. 2,012,953; Sept. 3.
- Brunner, Georges, Zurich, Switzerland. Tool holder for two-way planing. 2,015,919; Oct. 1.
- Brunner, Gustav, Baden, and E. Kern, Ennetbaden, assignors to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Motor control system. 2,000,880; May 7.
- Brunner, Harold E., Larchmont, N. Y., assignor, by mesne assignments, to SKF Industries, Inc., Philadelphia, Pa. Antifrictionally mounted spindle. 2,001,566; May 14.
- Brunner, Harry C., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Flow control system. 1,987,665; Jan. 15.
- Brunner State Studios, Inc. (See Brunner, E. H., and Wall, assignors.)
- Brunner, Walter. (See Krauss, C., and Brunner.)
- Brunnings, William E., Revere, assignor to Forbes Lithograph Manufacturing Company, Chelsea, Mass. Web feed control for presses and the like. 1,996,639; Apr. 2.
- Bruno, Frank A., Newark, N. J., assignor to Angelina Mariani, Brooklyn, N. Y. Tamperproof meter box with cut-out control and fuse drawer for electric meters. 2,001,051; May 14.
- Bruns, Alfred E., Huntington, and H. W. Rueger, Brooklyn, N. Y. Box. 1,994,063; Mar. 12.
- Bruns, Alfred E., Huntington, and H. W. Rueber, Brooklyn, N. Y. Container. 2,008,319; July 16.
- Bruns, Alfred E., Huntington, and H. W. Rueger, Brooklyn, N. Y. Box. 2,011,394; Aug. 13.
- Brunson, Ambler N., et al. (See Hensely, Samuel L., assignor.)
- Brunst, Rudolph O., Rocky River, assignor to The F. Hohlfelder Company, Cleveland, Ohio. Chaplet. 1,987,048; Jan. 8.
- Brunst, William M., and W. J. Lauferseweiler, Columbus, Ohio, assignors to General Door Company, Reno, Nev. Overhead door and operating mechanism. 2,008,000; July 16.
- Brunsviga Maschinenwerke Grimme Natalis & Co. A. G. (See Coxhead, R. C., and Norton, assignors.)
- Brunswick-Balke-Collender Company, The. (See Guyton, Robert H., assignor.)
- Brunswick-Balke-Collender Company, The. (See Hedenskoog, Ernest, assignor.)
- Brunswick-Balke-Collender Company, The. (See Wollaston, Walter, assignor.)
- Brunswick, Fredrick L., Oswego, N. Y. Locker. 2,014,491; Sept. 17.
- Brunswick, Jules, Boulogne/Seine, France. Cellular cushion tire. 2,017,649; Oct. 15.
- Brunt and Company. (See Hans, T., and Raney.)
- Brunt, J. P. (See Hans, T., and Raney, assignors.)

- Brunton, John, Campbell River, British Columbia, and T. Graham, Comox, British Columbia, Canada. Expanding brake and the like. 1,995,534; Mar. 26.
- Brunzel, Norbert, Vitkovice-Zelezarny, Czechoslovakia. Boiler plant. 2,005,646; June 18.
- Brush, Alanson P., Detroit, Michigan. Internal combustion engine. 2,010,056; Aug. 6.
- Brush, Alanson P., Detroit, Mich. Internal combustion engine. 2,014,036; Sept. 10.
- Brush, Alanson P., Detroit, Mich. Multicylinder internal combustion engine. 2,019,558; Nov. 5.
- Brush Beryllium Company, The. (See Sawyer, C. B., and Kjellgren, assignors.)
- Brush Development Company, The. (See Sawyer, Charles B., assignor.)
- Brush, Edwin H., Stockton, Calif. Milk bottle safe. 1,996,273; Apr. 2.
- Brush, John G., Westfield, N. J., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Device for molding slabs. 1,998,117; Apr. 16.
- Brush, Walter H., Sea Cliff, Long Island, and F. Slezak, Maspeth, Long Island, N. Y. Safety device for machines such as punch presses and the like. 1,997,101; Apr. 9.
- Brush, William A., Detroit, Mich. Brake. 1,995,833; Mar. 26.
- Brush, William A., Detroit, Mich. Brake control. 1,995,834; Mar. 26.
- Brunson, Herman A., assignor to The Resinous Products & Chemical Company, Inc., Philadelphia, Pa. Octylephenols and ethers thereof. 1,987,228; Jan. 8.
- Brunson, Herman A., Germantown, assignor to The Resinous Products & Chemical Company, Inc., Philadelphia, Pa. Coating composition. 1,987,570; Jan. 8.
- Brunson, Herman A., Germantown, assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Preparing amides. 1,989,968; Feb. 5.
- Brunson, Herman A., Germantown, and O. Stein, Drexel Hill, assignors to The Resinous Products & Chemical Co., Inc., Philadelphia, Pa. Salicylic acid derivative. 1,998,750; Apr. 23.
- Brunson, Herman A., Germantown, and O. Stein, Drexel Hill, assignors to Rohm & Haas Company, Philadelphia, Pa. Octylsalicylic acid. 2,001,767; May 21.
- Brunson, Herman A., Germantown, and O. Stein, assignors to Rohm & Haas Company, Philadelphia, Pa. Preparing alkylated aromatic ketones and product. 2,004,069; June 4.
- Brunson, Herman A., Germantown, assignor to The Resinous Products & Chemical Co. Inc., Philadelphia, Pa. Fungicide. 2,022,185; Nov. 26.
- Brusse, Archie B., and J. L. Carman, assignors, by mesne assignments, to Rocky Mountain Metal Products Co., Denver, Colo. Welding apparatus. 2,009,647; July 30.
- Brousseau, Mary J., Windsor, Ontario, Canada. Accessory attachment for telephones. 2,020,016; Nov. 5.
- Russell, Jacob, Bronx, N. Y. Pinking appliance. 2,010,216; Aug. 6.
- Brust, Erich, New York, N. Y. Seasoning means or condiment. 2,021,403; Nov. 19.
- Bruton, James J. (See Rhein, C. E., and Bruton.)
- Bruun, Otto J., Copenhagen, Denmark. Machine for making plaited metal-foil capsules. 2,017,054; Oct. 15.
- Bryan, Andrew B. (See Blau, L. W., Bryan, and Mounce.)
- Bryan, Charles S. (See Fiske, A. H. and Bryan.)
- Bryan, Joseph P., Troy, Pa. Emergency electric generating set. 1,998,655; Apr. 23.
- Bryan, Joseph P., Troy, Pa. Emergency electric generating set. 1,998,656; Apr. 23.
- Bryan, Joseph P., Troy, Pa. Emergency generating set. 2,014,101; Sept. 10.
- Bryan, William J., Jr. (See Thomas, Richard, assignor.)
- Bryant, Beryl B., Brooklyn, N. Y. Invisible radiation, detection, and utilization. 1,997,356; Apr. 9.
- Bryant, Blanche B., Administratrix. (See Bryant, William L.)
- Bryant, Charles E., Inman, Va., assignor to The Bowdell Company, Bowdell, Ohio. Switch. 2,017,179; Oct. 15.
- Bryant Chucking Grinder Company. (See Arms, Merton H., assignor.)
- Bryant Chucking Grinder Company. (See Arms, M. H., and Johnson, assignors.)
- Bryant Chucking Grinder Company. (See Bryant, W. J., and Arms, assignors.)
- Bryant Chucking Grinder Company. (See Bryant, William L., assignor.)
- Bryant, Curtis L., Camden, Ark. Protective device for automobiles. 1,999,171; Apr. 30.
- Bryant Electric Company, The. (See Bennett, Ross G., assignor.)
- Bryant Electric Company, The. (See Cunningham, Roy H., assignor.)
- Bryant, Frank L., East Orange, and G. S. Mathey, Elizabeth, N. J., assignors to Cellulose Corporation, Chicago, Ill. Reinforced fibrous layer. 2,017,339; Oct. 15.
- Bryant Heater Company, The. (See Stark, Willet E., assignor.)
- Bryant, John R., Springfield, Tenn., assignor of one-half to H. N. Batson, Bowling Green, Ky. Buckle. 2,002,490; May 28.
- Bryant, Roy B., Dallas, Tex. Flowing wells. 2,008,172; July 16.
- Bryant, Roy B., Dallas, Texas. Hydraulic pumping system. 2,013,129; Sept. 3.
- Bryant, Virgil F., Memphis, Tenn. Combination bumper and rack. 2,016,955; Oct. 8.
- Bryant, William J., and M. H. Arms, assignors to Bryant Chucking Grinder Company, Springfield, Vt. Multiple spindle machine. 1,990,469; Feb. 12.
- Bryant, William L., deceased; B. B. Bryant, administratrix, assignor to Bryant Chucking Grinder Company, Springfield, Vt. Internal gauge. 2,020,134; Nov. 5.
- Bryant, Worth, et al. (See Yates, James M., assignor.)
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Punching machine. 1,989,844; Feb. 5.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Even balance scale. 1,990,265; Feb. 5.
- Bryce, James W., Bloomfield, N. J., assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 1,997,167; Apr. 9.
- Bryce, James W., Bloomfield, N. J., assignor to International Business Machines Corporation, New York, N. Y. Record controlled punch. 2,007,391; July 9.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,016,704; Oct. 8.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Automatic card punch. 2,016,705; Oct. 8.
- Bryce Limited. (See Sidney, Arthur A., assignor.)
- Brykczynski, Charles S. and J. Chmurzynski, Brooklyn, assignors to Geo. F. Stuhmer & Company, New York, N. Y. Truck body construction. 2,007,595; July 9.
- Brykczynski, Charles S., and J. Kosman, Brooklyn, assignors to Geo. F. Stuhmer & Company, New York, N. Y. Conveyer apparatus for doughworking machinery. 2,021,251; Nov. 19.
- Bryn, John G., Brooklyn, N. Y. Game apparatus. 1,988,071; Jan. 15.
- Brynan, Charles W., Philadelphia, Pa. Brushless shaving cream spreader cap for collapsible tubes. 2,008,636; July 16.
- Brynnoldt, Christian, Pittsburgh, Pa., assignor to Blaw-Knox Company. Lining structure. 1,989,845; Feb. 6.
- Bryson, Tandy A., Troy, N. Y. Machine for processing material and controlling the operation thereof. 2,024,424; Dec. 17.
- Bryson, William A. (See Dahlstrom, J. A., and Bryson.)
- Buas Mejerimaskinfabrikker, Afdeling Af Aktieselskabet Frederiksberg Metalvarefabrik. (See Olsen, Johannes, assignor.)
- Rub, Leopold. (See Otto, M., and Bub.)
- Buba, Felix S., Detroit, Mich. Razor blade honing device. 2,019,069; Oct. 29.
- Bubar, Hudson H., Brooklyn, N. Y. Separator system. 2,013,644; Sept. 10.
- Bubblestone Company, The. (See Rice, John A., assignor.)
- Bue, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Separation of formic acid from other fatty acids. 1,993,259; Mar. 5.
- Bue, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Preventing corrosion. 2,002,523; May 28.
- Bue, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Insecticidal oil. 2,013,028; Sept. 3.
- Buch, Hans and J. E. Harig, Atlantic City, N. J. Collapsible anchor. 2,012,751; Aug. 27.
- Buchan, Eric M., Oxford, Ala. Pipe clamp. 2,009,042; July 23.
- Buchanan, Gordon, East Orange, N. J., assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Crusher construction. 1,987,360; Jan. 8.
- Buchanan, James. (See Gazalski, J., and Buchanan.)
- Buchanan, Stephen N., Elizabeth, assignor to The Thomas & Betts Co., Elizabeth, N. J. Entrance fitting. 2,000,374; May 7.
- Büche, Karl. (See Wiedbrauck, E., and Buche.)
- Bucheister, Paul. (See Ballash, J. L., and Bucheister.)
- Bucher, John E., assignor to Antioch Industrial Research Institute, Inc., Yellow Springs, Ohio. Recovery of beryllium compounds. 1,988,109; Jan. 15.
- Bucher, John E., assignor to Antioch Industrial Institute, Inc., Yellow Springs, Ohio. Separation of silica. 2,010,844; Aug. 13.
- Buchet, Conrad R., Long Beach, assignor to Repeal Brass Mfg. Co., Los Angeles, Calif. Pump locking device. 2,016,984; Oct. 8.
- Buhholtz, Herbert, Dortmund, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Steel for railroad rails, wheel tires, plank piles, and other objects. 2,002,932; May 28.
- Büchi, Alfred, Winterthur, Switzerland. Internal combustion engine plant. 2,005,821; June 25.
- Buchler, Clifford C., Casper, Wyo., assignor to Standard Oil Company, Chicago, Ill. Frost prevention system. 1,991,540; Feb. 19.
- Buchman, Isaac, Brooklyn, N. Y. Nonrefillable bottle. 2,023,305; Dec. 3.
- Buck, Arthur W., assignor to Buck X-Ograph Company, St. Louis, Mo. X-ray cassette. 1,997,557; Apr. 9.
- Buck, Arthur W., assignor to Buck X-Ograph Company, St. Louis, Mo. Wet film transfer illuminator. 2,012,940; Sept. 3.

- Buck, Benjamin I., Baltimore, Md. Bean nipping machine. 1,990,425; Feb. 5.
- Buck, Benjamin I., Baltimore, Md. Bean grader. 1,996,190; Apr. 2.
- Buck, Charles M., Brooklyn, N. Y. Pulverized fuel feeder. 2,021,171; Nov. 19.
- Buck, Fred, and E. J. Witchger, assignors to The Lufkin Rule Company, Saginaw, Mich. Tape measure. 2,022,756; Dec. 3.
- Buck, Glenn O., Tigerton, Wis. Tire valve retainer. 2,023,306; Dec. 3.
- Buck, Kenneth E., assignor to Ross-Tacony Crucible Company, Philadelphia, Pa. Refractory article. 2,013,625; Sept. 3.
- Buck, Sterling P. (See Davis, Robert W., assignor.)
- Buck, Victor B., New York, N. Y. Navigation instrument. 2,006,127; June 25.
- Buck X-Ograph Company. (See Buck, Arthur W., assignor.)
- Buckendale, Laurence R. (See Alden, H. W., and Buckendale.)
- Buckendale, Laurence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Slack adjuster. 2,001,239; May 14.
- Buckeridge, Walter, Perth, Western Australia, Australia. Card cabinet. 2,010,748; Aug. 6.
- Buckeye Blower Company, The. (See Ewald, Warren, assignor.)
- Buckeye Incubator Manufacturing Company, The. (See Brace, Edwin T., assignor.)
- Buckeye Iron and Brass Works. (See Rike, Frederick F., assignor.)
- Buckeye Machine Company, The. (See Everett, Joyce O., assignor.)
- Buckeye Portable Tool Company, The. (See Price, W. W. and Ripsch, assignors.)
- Buckeye Steel Castings Company. (See Stertzbach, H. W., McPherson, and Filander, assignors.)
- Buckeye Steel Castings Company, The. (See Johnson, George T., assignor.)
- Buckeye Steel Castings Company, The. (See Johnson, G. T., and Wolfe, assignors.)
- Buckeye Steel Castings Company, The. (See McPherson, John S., assignor.)
- Buckeye Steel Castings Company, The. (See Orr, Claude L., assignor.)
- Buckeye Steel Castings Company, The. (See Schrock, Eugene B., assignor.)
- Buckeye Steel Castings Company, The. (See Stertzbach, Harry W., assignor.)
- Buckingham, William D., Southampton, assignor to The Western Union Telegraph Company, New York, N. Y. Frequency control. 1,996,403; Apr. 2.
- Buckingham, William D., and J. Z. Millar, Southampton, assignor to The Western Union Telegraph Company, New York, N. Y. Oven heat cycle regulator. 2,014,926; Sept. 17.
- Buckius, Albert O. (See Blackmore, W., and Buckius.)
- Buckland, Bruce O., Schenectady, N. Y., assignor to General Electric Company. Fluid jet pump. 2,000,741; May 7.
- Buckle, Horace L. T., Iver Heath, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Apparatus for the production of disk records for talking machines. 1,996,057; Apr. 2.
- Bucklein, Frank P., Los Angeles, Calif., assignor to Bucklein Manufacturing Corporation, Ltd. Brake testing machine. 2,002,764; May 28.
- Bucklein Manufacturing Corporation. (See Bucklein, Frank P., assignor.)
- Bucklen, H. E. (See Mahoney, Joseph N., assignor.)
- Bucklen, Herbert E., Elkhart, Ind. Switch. 1,991,010; Feb. 12.
- Bucklen, Herbert E., Elkhart, Ind., and J. N. Mahoney, Brooklyn, N. Y. Shock absorber. 2,003,823; June 4.
- Buckles, Thomas A., Portland, Oreg. Reverse gear mechanism. 2,009,191; July 23.
- Buckley, John P., Washington, D. C. Coil antenna. 2,011,968; Aug. 20.
- Buckley, Leo J., Binghamton, N. Y. Sound apparatus. 1,985,881; Jan. 1.
- Buckley, Oliver E., Maplewood, and O. B. Jacobs, Morristown, N. J., assignors to Bell Telephone Laboratories Incorporated, New York, N. Y. Submarine cable transmission. 2,020,297; Nov. 12.
- Buckman and Company. (See Buckman, Henry H., assignor.)
- Buckman, Henry H., assignor to Buckman and Company, Jacksonville, Fla. System for temperature control. 2,001,484; May 14.
- Buckminster, Ira C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Article transferring mechanism. 2,001,814; May 21.
- Bucknam, Worthy C., Mechanic Falls, Maine, assignor to Oxweld Acetylene Company. Coupling for blowpipes. 1,989,079; Jan. 29.
- Bucknam, Worthy C., Miami, Fla., assignor to Oxweld Acetylene Company. Blowpipe. 1,989,649; Jan. 29.
- Bucknam, Worthy C., Buffalo, N. Y., assignor to The Linde Air Products Company. Fluid regulator. 2,016,540; Oct. 8.
- Buckner, William A., Fresno, Calif. Sand eliminating mounting for sprinkler head spindles. 1,996,899; Apr. 9.
- Buckner, William A., Fresno, Calif. Quick coupling valve with lock cover. 1,996,900; Apr. 9.
- Buckner, William A., Fresno, Calif. Traveling sprinkler. 2,001,180; May 14.
- Buckner, William A., Fresno, Calif. Traveling sprinkler. 2,013,233; Sept. 3.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Connecting rod. 1,988,830; Jan. 22.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Connecting rod. 1,995,835; Mar. 26.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Locomotive piston. 1,995,836; Mar. 26.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Axle construction. 1,995,837; Mar. 26.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing. 1,995,838; Mar. 26.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing journal box construction. 1,999,891; Apr. 30.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Axle bearing. 2,003,339; June 4.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Axle assembly and disassembling same. 2,010,057; Aug. 6.
- Buckwell, Arthur W., Braintree, Mass., assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,019,477; Nov. 5.
- Bucky, Gustav, New York, N. Y. Oil tank level indicator. 1,991,192; Feb. 12.
- Bucy, Edmond H., Waukegan, assignor, by mesne assignments, to Atlas Powder Company, Wolf Lake, Ill. Coating. 2,015,252; Sept. 24.
- Bucy, Edmond H., Waukegan, Ill., assignor to Atlas Powder Company, Wilmington, Del. Crystal lacquer coating and making same. 2,016,314; Oct. 8.
- Bucy, Edmond H., Waukegan, assignor to Atlas Powder Company, North Chicago, Ill. Paper impervious to moisture, water, and grease. 2,021,172; Nov. 19.
- Bucyrus-Erie Company. (See Bager, William M., assignor.)
- Bucyrus-Erie Company. (See Ferris, Walter, assignor.)
- Bucyrus-Erie Company. (See Hayward, E. P., and Lehman, assignors.)
- Bucyrus-Erie Company. (See Lehman, Werner, assignor.)
- Buczowski, Edward J., Ambler, Pa., assignor, by mesne assignments, to Keasbey & Mattison Company. Shingle method. 2,000,557; May 7.
- Buczowski, Edward J., assignor to Keasbey & Mattison Company, Ambler, Pa. Apparatus for forming shingles. 2,010,425; Aug. 6.
- Buczowski, Edward J., Ambler, Pa., assignor, by mesne assignments, to Keasbey & Mattison Company. Forming shingles. 2,023,990; Dec. 10.
- Buda Company, The. (See Hinkley, Carl C., assignor.)
- Budd, Edward G., Manufacturing Co. (See Budd, Edward G., assignor.)
- Budd, Edward G., Manufacturing Company. (See Hanson, Arthur F., assignor.)
- Budd, Edward G., Manufacturing Company. (See Hovey, Otis W., assignor.)
- Budd, Edward G., Manufacturing Company. (See La Forte, Ralph E., assignor.)
- Budd, Edward G., Manufacturing Company. (See Ledwinka, Joseph, assignor.)
- Budd, Edward G., Manufacturing Company. (See Mungen, Theodore, assignor.)
- Budd, Edward G., Manufacturing Company. (See Paugh, James J., assignor.)
- Budd, Edward G., Manufacturing Company. (See Ragsdale, Earl J. W., assignor.)
- Budd, Edward G., Manufacturing Company. (See Rosenberg, Ralph H., assignor.)
- Budd, Edward G., Manufacturing Company. (See Tarbox, John P., assignor.)
- Budd, Edward G., assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Pneumatic tire. 2,009,353; July 23.
- Budd, Edward G., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Pneumatic tire. 2,013,130; Sept. 3.
- Budd Wheel Company. (See Baker, P. E., and Gaenssle, assignors.)
- Budd Wheel Company. (See Barnes, James H., assignor.)
- Budd Wheel Company. (See Eksergian, Carolus L., assignor.)
- Budd Wheel Company. (See Eksergian, C. L., and Tarbox, assignors.)
- Budd Wheel Company. (See Farr, Warren H., assignor.)
- Budd Wheel Company. (See Farr, W. H., and Eksergian, assignors.)
- Budd Wheel Company. (See Harbox, J. P., Hanson and Reed, assignors.)
- Budd Wheel Company. (See McIntosh, James A., assignor.)
- Budd Wheel Company. (See Ragsdale, Earl J. W., assignor.)
- Budd Wheel Company. (See Ragsdale, E. J. W., and Temple, assignors.)
- Budd Wheel Company. (See Siviter, Arthur T., assignor.)
- Budd Wheel Company. (See Temple, Robert B., assignor.)

- Budd Wheel Company. (See Weightman, William A., assignor.)
- Buddeberg, Walter, Zurich, Switzerland, assignor to Albert T. Otto & Sons, New York, N. Y. Centrifugal machine. 2,004,268; June 11.
- Budelman, Christopher D., Chicago, Ill. Multiple signature machine. 2,013,681; Sept. 10.
- Budenbom, Horace T. (See Gooderham, J. W., Budenbom, and Johnson.)
- Buder Charles G., Webster Groves, Mo. Cooling packaged materials. 2,013,264; Sept. 3.
- Budgett, Hubert M., Kirtlington Park, Oxford, England. Indicating scent conditions. 2,007,824; July 9.
- Budnick, Alfred A., Euclid, Ohio. Adjustable support. 2,020,874; Nov. 12.
- Buechting, Rudolph, Glenside, assignor to Philadelphia Steel and Wire Corporation, Philadelphia, Pa. Lock washer and producing the same. 1,999,082; Apr. 23.
- Bueckermann, Valentine, Cheyenne Wells, Colo. Liquid level indicator. 2,019,478; Nov. 5.
- Bueckert, Hanns. (See Baumann, P., Bueckert, Sandhaas, and Schilling.)
- Buehler, Albert C., Kenilworth, assignor to Victor Adding Machine Company, Chicago, Ill. Dual platen and type bars therefor. 2,019,442; Oct. 29.
- Buehler, Leon, Jr., assignor to Frick Company, Waynesboro, Pa. Refrigerating machine with automatic float and temperature control. 1,986,249; Jan. 1.
- Buehner, William F. A. (See Endlich, Karl, assignor.)
- Buehner, William F. A., et al. (See Grady, Palmer H., assignor.)
- Buehner, Wm. F. A., et al. (See Matteson, Edward C., assignor.)
- Buel, Hillhouse, Orange, N. J. Roller bearing. 2,024,206; Dec. 17.
- Buell, Albert E., and W. A. Schulze, assignors to Phillips Petroleum Company, Bartlesville, Okla. Desulphurizing hydrocarbons. 2,016,271; Oct. 8.
- Buell, Albert E., and W. A. Schulze, assignors to Phillips Petroleum Company, Bartlesville, Okla. Desulphurizing hydrocarbons. 2,016,272; Oct. 8.
- Buell Combustion Company Limited. (See Silley, Bernard L., assignor.)
- Buell, Earl P. (See Robart, B. L., and Buell.)
- Buell, Margaret L., Dallastown, assignor to Grey Iron Casting Company, Mount Joy, Pa. Mop. 2,009,728; July 30.
- Buell, Timothy B., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Tool relief mechanism. 2,002,933; May 28.
- Buell, Timothy B., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Work supports for machine tools. 2,023,869; Dec. 10.
- Buelna, Guadalupe, assignor of one-half to H. E. J. Vacher, Santa Barbara, Calif. Sprinkler. 2,025,267; Dec. 24.
- Bueno, Humbert L., Astoria, Long Island, assignor to Hydrozone Corporation, New York, N. Y. Air cooled ozonator. 1,994,462; Mar. 19.
- Buente, Charles F. (See Gardner, K. C., Buente, and Beard.)
- Buerger, Charles B., Pittsburgh, assignor to Gulf Refining Company, Pittsburgh, Pa. Vapor phase cracking. 2,019,070; Oct. 29.
- Buerger, Charles B., assignor to Gulf Refining Company, Pittsburgh, Pa. Cracking petroleum hydrocarbons. 2,023,063; Dec. 3.
- Bueschel, Andrew L., Chicago, Ill. Carton. 1,987,771; Jan. 15.
- Bueschler, Franz. (See Netter, Ludwig, assignor.)
- Buettell, Samuel E., assignor to Cross Parking Systems, Inc., Chicago, Ill. Method of and apparatus for storing automobiles and the like. 1,988,619; Jan. 22.
- Buettner, Paul M. F., Oakland, Calif. Drier cylinder. 2,008,434; July 16.
- Buffalo Bolt Company. (See Kuebrich, Eugene V., assignor.)
- Buffalo Bolt Company. (See McLaughlin, John J., assignor.)
- Buffalo Brake Beam Company. (See Busch, Charles R., assignor.)
- Buffalo Brake Beam Company. (See Clouser, William W., assignor.)
- Buffalo Brake Beam Company. (See Crone, Seth A., assignor.)
- Buffalo Cold Storage Company. (See Knowlton, D. E., and Early, Jr., assignors.)
- Buffalo Electro-Chemical Company, Inc. (See Bretschger, M. E., and Bosing, assignors.)
- Buffalo Forge Company. (See Cheyney, Charles C., assignor.)
- Buffalo Forge Company. (See Crique, A. A., and Thornton, assignors.)
- Buffalo Foundry & Machine Co. (See Kermer, Martin J., assignor.)
- Buffalo Foundry & Machine Co. (See Van Marle, Dirk J., assignor.)
- Buffalo Pottery Co. (See Bown, Lewis H., assignor.)
- Buffalo Pressed Steel Company. (See MacKenzie, R. J., and Haas, assignors.)
- Buffalo-Springfield Roller Co., The. (See Greiner, C. F., and Aitken, assignors.)
- Buffalo Steel Company. (See Kibler, William J., assignor.)
- Buffalo Wire Works Co. (See Scheeler, Charles A., assignor.)
- Buffington, Charles W. (See Small, J. W., Dawson, and Buffington.)
- Buffington, Harry C., assignor to Baker Manufacturing Company, Springfield, Ill. Adjustable means and operating assembly for road working machines. 2,022,757; Dec. 3.
- Bugatti, Ettore, Molsheim, France. Seat for use in road or rail vehicles. 2,004,850; June 11.
- Bugatti, Ettore, Molsheim, France. Shock absorber. 2,010,623; Aug. 6.
- Bugbird, H. C., Company. (See Wilson, Norman R., assignor.)
- Bugs, Kenly C., Farmington, Mo., assignor to Hoosier Lamp & Stamping Corporation, Evansville, Ind. Formation of wire coils. 1,994,684; Mar. 19.
- Bugs, Kenly C., assignor to Ozark Novelty Company, Farmington, Mo. Coin controlled and selecting mechanism. 2,024,717; Dec. 17.
- Buhl, Oscar, and H. V. Jacobus, Belleville, N. J. Bathtub safety grip. 2,005,576; June 18.
- Buhler, Eugene, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,013,533; Sept. 3.
- Bühler, Georg, Vienna, Austria. Plain bearing. 1,986,040; Jan. 1.
- Bubren, Alfred O., Sacramento, Calif. Oboe mouth piece. 2,003,576; June 4.
- Buhrke, Alfred E., and A. F. Heeter, Chicago, Ill.; said Heeter assignor to said Buhrke. Golf Club. 1,997,853; Apr. 16.
- Buhrke, Alfred E., and A. F. Heeter, Chicago, Ill.; said Heeter assignor to said Buhrke. Golf club. 2,015,253; Sept. 24.
- Bührle, Carl. (See Gauthier, A., and Bührle.)
- Builders Iron Foundry. (See Huxford, George T., assignor.)
- Builders Iron Foundry. (See Smith, Ed. S., Jr., assignor.)
- Building Products Limited. (See Odell, Leslie S., assignor.)
- Buirk, William, St. Bernard, Ohio. Beer tapping mechanism. 2,018,543; Oct. 22.
- Buist, Lyman O., Toronto, Ontario, Canada. Container. 1,992,182; Feb. 26.
- Bull, Thomas J., et al. (See Sparks, Charles R., assignor.)
- Bukletish, Vincent. (See Izsak, I., and Bukletish.)
- Bukolt, Roman B., Stevens Point, Wis. Weatherproof tank closure. 2,016,224; Oct. 1.
- Bukolt, Roman B., Stevens Point, Wis. Making closure parts to eliminate waste. 2,016,225; Oct. 1.
- Bukowski, Edward Z., Wallingford, Conn. Reminding register. 2,020,237; Nov. 5.
- Bulford, Murray N., Warwick, assignor to B. B. & R. Knight Corporation, Providence, R. I. Sizing solution for use in dressing or stiffening warps in sheets cold. 2,016,813; Oct. 8.
- Bulgarelli, Maria C. R., Rome, Italy. Wrench. 2,016,624; Oct. 8.
- Bulger, William A., Chicago, Ill., assignor to Petroleum Heat and Power Company, New York, N. Y. Gas burning apparatus. 2,025,089; Dec. 24.
- Bullant, Theodore A. (See Cowdery, A. R., and Bullant.)
- Bulkeley, Claude A., Buffalo, N. Y., assignor, by mesne assignments, to C. F. Hockley, receiver of The Silica Gel Corporation. Purification of fluids. 1,998,774; Apr. 23.
- Bulkeley, Claude A., assignor to Niagara Blower Company, New York, N. Y. Apparatus for cooling and ventilating buildings. 2,001,704; May 21.
- Bulkeley, Claude A., Kenmore, assignor to Niagara Blower Company, Buffalo, N. Y. Method and apparatus for ventilating buildings. 2,004,927; June 18.
- Bulkeley, Claude A., assignor to Niagara Blower Company, New York, N. Y. Air conditioning apparatus. 2,006,344; July 2.
- Bull, Arthur W. (See Ewart, E. S., and Bull.)
- Bull, Clyde W., Dallas, Tex. Device for controlling the speed of internal combustion engines. 2,005,771; June 25.
- Bull, James P., San Diego, Calif. Target. 2,002,600; May 28.
- Bull, William F., Brooklyn, N. Y. Indicating device. 2,005,452; June 18.
- Bullard, Claude E., Early Branch, S. C. Dip bucket. 2,023,399; Dec. 10.
- Bullard, Clyde O., North Riverside, assignor to American Steel Foundries, Chicago, Ill. Drop door. 1,996,455; Apr. 2.
- Bullard Company, The. (See Bullard, Edward C., assignor.)
- Bullard Company, The. (See Bullard, Edward P., assignor.)
- Bullard Company, The. (See Conley, Kurt H., assignor.)
- Bullard Company, The. (See Mussler, Frank H., assignor.)
- Bullard, Edward C., Southport, Conn., assignor to The Bullard Company. Metal working apparatus. 1,999,393; Apr. 30.
- Bullard, Edward P., Bridgeport, Conn., assignor to The Bullard Company. Multiple spindle metal working apparatus. 2,023,779; Dec. 10.
- Bullard, Edward P., Bridgeport, Conn., assignor to The Bullard Company. Multiple spindle stationary work turning apparatus. 2,025,268; Dec. 24.
- Bullard, Ellerslie W., assignor to Acme Weaving Mills, Inc., Anniston, Ala. Loom. 2,004,031; June 4.

- Bullard, George H., Westboro, Mass. Abrasive wheel. 1,989,074; Jan. 29.
- Bullard, Washington I., assignor to E. H. Jacobs Manufacturing Company, Danielson, Conn. Lug strap and making. 2,011,794; Aug. 20.
- Bullard, Washington I., assignor to E. H. Jacobs Manufacturing Company, Danielson, Conn. Textile reinforced articles and making same. 2,023,379; Dec. 3.
- Bullard, Washington I., assignor to E. H. Jacobs Manufacturing Co., Danielson, Conn. Lug strap. 2,024,757; Dec. 17.
- Bulldog Electric Products Company. (See Frank, H. J. L., and Harper, assignors.)
- Bulldog Electric Products Company. (See Frank, Harrison J. L., assignor.)
- Bulldog Electric Products Company. (See Frank, H. J. L., and Messing, assignors.)
- Bulldog Electric Products Company. (See Frank, William H., assignor.)
- Bulldog Electric Products Company. (See Frank, W. H., and Messing, assignors.)
- Bulldog Electric Products Company. (See Frank, W. H., Messing, and H. J. L. Frank, assignors.)
- Bulldog Electric Products Company. (See Frank, W. H., Messing, and Jenkins, assignors.)
- Bullinger, Frederic H., Bronxville, N. Y., assignor to Ward Leonard Electric Company. Resistance unit. 2,020,289; Nov. 12.
- Bullis, Earl, Amsterdam, N. Y. Patch. 2,007,179; July 9.
- Bullis, Earl, Amsterdam, and M. Jacobson, Johnstown, N. Y. Patch. 2,020,767; Nov. 12.
- Bullock Auto-Gear Limited. (See Bullock, Howard W., assignor.)
- Bullock, Harlan A., Kansas City, Mo. Apparatus for producing solid carbon dioxide. 2,022,705; Dec. 3.
- Bullock, Howard W., assignor to Bullock Auto-Gear Limited, Harrow, England. Transmission gearing. 1,986,041; Jan. 1.
- Bullum, Incorporated et al. (See Bullum, Stephen, assignor.)
- Bullum, Stephen, Overton, assignor of three-fourths to A. D. Gaston, and one-fourth to Bullum, Incorporated, Austin, Tex. Beam hanger. 1,994,749; Mar. 19.
- Bullum, Stephen, Overton, assignor of one-half to J. R. Long, Fort Worth, and one-half to W. Davis, Houston, Tex. Feeding device. 2,002,337; May 21.
- Bullum, Stephen, Overton, assignor of one-fourth to Bullum, Incorporated, and three-fourths to A. D. Gaston, Austin, Tex. Fuel burner. 2,025,331; Dec. 24.
- Bullum, Stephen, Overton, assignor of three-fourths to A. D. Gaston, and one-fourth to Bullum, Incorporated, Austin, Tex. Rod clamp. 2,025,332; Dec. 24.
- Bulman, E. O., Mfg. Co. Inc. (See Bulman, Elvah O., assignor.)
- Bulman, Elvah O., assignor to E. O. Bulman Mfg. Co. Inc., Grand Rapids, Mich. Spray device. 1,997,854; Apr. 16.
- Bulmer, Fred M., Marietta, Wash. Hand operated tubing flanger. 2,018,832; Oct. 29.
- Bulova, Ardé, assignor to Bulova Watch Company, Inc., New York, N. Y. Clock. 2,015,843; Oct. 1.
- Bulova Watch Company Inc. (See Barbezat, Fritz, assignor.)
- Bulova Watch Company. (See Bulova, Ardé, assignor.)
- Bulthuis, William, Chicago, Ill. Shower bath cabinet. 2,014,554; Sept. 17.
- Bumbarger, Uriah G., Cleveland, Ohio. Garment flap fastener. 2,018,120; Oct. 22.
- Bumgardner, Harvey E., Detroit, Mich. Device for measuring the density of smoke. 2,008,199; July 16.
- Bumpus, Arthur E. (See Fawcett, H. J., and Bumpus.)
- Bunbury, Hugh M., Prestwich, Manchester, and W. A. Sexton, Huddersfield, England, assignors to Imperial Chemical Industries Ltd. Squalene derivative and making the same. 1,991,999; Feb. 19.
- Bunce, Earl H., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Manufacture of zinc oxide. 2,013,980; Sept. 10.
- Bunce, Earl H., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Coking of agglomerates. 2,015,336; Sept. 24.
- Bunce, Earl H., and G. F. A. Stutz, Palmerton, Pa., assignors to The New Jersey Zinc Company. Pigment. 1,986,183; Jan. 1.
- Bunce, Earl H., C. J. Lentz, and G. T. Mahler, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Manufacture of zinc oxide. 1,998,440; Apr. 23.
- Bunce, Earl H., C. J. Lentz, and G. T. Mahler, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Manufacture of zinc oxide. 2,021,284; Nov. 19.
- Bundy, James A. (See Krieg, A., and Bundy.)
- Bundy Tubing Company. (See Quarnstrom, Bert L., assignor.)
- Bundy, Whitney E., Springfield, Ohio. Humidity control for incubators and hatcheries. 2,021,479; Nov. 19.
- Bunker, Darius W., Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making stitchdown shoes. 1,996,096; Apr. 2.
- Bunker, Louis G., et al. (See Juergens, John, assignor.)
- Bunker, Sidney W., assignor to Filter Tins Limited, London, England. Manufacture of cigarettes. 2,004,461; June 11.
- Bunn, Arthur D., Savanna, Okla. Self-adjusting cutter bar for lawn mowers. 2,007,743; July 9.
- Bunn, B. H., Company. (See Bunn, Benjamin H., assignor.)
- Bunn, Benjamin H., assignor to B. H. Bunn Company, Chicago, Ill. Tying machine. 1,994,453; Mar. 19.
- Bunsen Oil Burner Corporation, The. (See Barhoff, Fred W. and F. W. Jr., assignors.)
- Bunstine, Roy N., San Pedro, Sula, Honduras. Surveyor's engineering transit. 1,998,775; Apr. 23.
- Bunting Brass and Bronze Company, The. (See Yager, George F., assignor.)
- Bunting Glider Company. (See Goldberg, Aaron S., assignor.)
- Bunting Glider Company. (See Goldberg, Harry H., assignor.)
- Bunton, William E., Janesville, assignor of one-half to J. L. Martin, Milwaukee, Wis. Temperature control for cookers. 2,010,580; Aug. 6.
- Bunzell, Herbert H., New York, N. Y. Determination of rope infection. 2,019,950; Nov. 5.
- Buono, Frank A., Hackensack, N. J. Nonrefillable bottle. 1,994,334; Mar. 12.
- Buquor, Adolph P., assignor to Martin-Parry Corporation, York, Pa. Gun carriage. 1,995,793; Mar. 26.
- Buquor, Adolph P., assignor to Martin-Parry Corporation, York, Pa. Suspension and load equalizing system for vehicles. 2,012,752; Aug. 27.
- Burch, Charles R., Fancy Farm, Ky. Changeable exhibitor. 2,012,257; Aug. 27.
- Burch Corporation, The. (See Bash, John J., assignor.)
- Burch, Fred, Milford, assignor to Van Dresser Specialty Corporation, Detroit, Mich. Pocket construction. 1,995,143; Mar. 19.
- Burch, Joseph J., Warren, Ohio. Closure for collapsible tubes. 2,015,992; Oct. 1.
- Burch, Orson G., Highland Park, Mich. Carpet sweeper. 2,026,414; Dec. 31.
- Burcham, James P., Indianapolis, Ind. Adjustable grille. 2,001,181; May 14.
- Burchett, Walter J., East Orange, assignor to Art Metal Works, Inc., Newark, N. J. Apparatus for casting helical objects and the like. 1,992,170; Feb. 26.
- Burchett, Wilford P., Olive Hill, Ky. Spreading apparatus. 1,999,083; Apr. 23.
- Burchfield, Leslie B., Houston, Tex. Automatic fire extinguisher. 2,002,308; May 21.
- Burchfield, Raymond O., Los Angeles, Calif. Toe guard for shoes. 2,011,143; Aug. 13.
- Burcke, William. (See Nugen, J. A., and Burcke.)
- Burckhalter, R. N., and J. M. Osburn, Michigan City, Ind. Filter. 1,988,262; Jan. 15.
- Burckhardt, Ernst. (See Stoll, A., and Burckhardt.)
- Burckle, Louis, Kansas City, Kans., assignor to Continental Can Company, Inc., New York, N. Y. Assembling machine for pail ears. 2,007,070; July 2.
- Burcky, Charles W., and R. A. Lake, assignors to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,023,121; Dec. 3.
- Burco Engineering and Manufacturing Co. (See Burrows, Wain O., assignor.)
- Burd, Gorman C., Adrian, Mich., assignor to American Cable Company, Inc. Cut-off machine and ferrule press. 1,988,716; Jan. 22.
- Burd High Compression Ring Company. (See Bates, Albert H., assignor.)
- Burd Piston Ring Company. (See Bates, Albert H., assignor.)
- Burdett, Clarence F., Ford City, and W. Owen, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company. Apparatus for cutting glass sheets. 1,999,586; Apr. 30.
- Burdette, Ernest F., Akron, assignor of one-half to F. P. Obenchain, Cleveland, Ohio. Flexible trolley pole head. 1,988,415; Jan. 15.
- Burdge, Kenneth M., assignor of two-thirds to L. Valerio, Cincinnati, Ohio. Beer faucet and tap. 2,014,492; Sept. 17.
- Burdick, Charles L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Phenol recovery process. 1,986,320; Jan. 1.
- Burdick, Charles L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Flotation of minerals. 1,995,915; Mar. 26.
- Burdick, Charles L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Flotation process. 2,014,717; Sept. 17.
- Burdick Corporation, The. (See Maxson, Rolland H., assignor.)
- Burdick, Edson C. (See Spohn, Malcolm E., assignor.)
- Burdick, Frank. (See Russell, S. G., and Burdick.)
- Burdick, John S., Buffalo, N. Y., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Reel clamping handle for fishing rods. 1,994,449; Mar. 12.
- Burdick, Vincent H., Gardena, Calif. Attachment for automobile brakes. 1,991,360; Feb. 19.
- Burdick, Wayne E. (See Loehr, L. K., and Burdick.)
- Burescio, Joseph, et al. (See Girardi, Frank, assignor.)
- Burg, Swan O., Tampa, Fla. Combination rotary disk-plow pulverizer. 2,024,623; Dec. 17.
- Burg, Vilmos E., Karlsruhe-Baden, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Photo conductive device and making it. 1,997,479; Apr. 9.

- Burgdorfer, René H., F. L. Hendren, and J. A. Leyendecker, Kansas City, Mo., assignors to C. H. Richter, R. H. Burgdorfer, and F. L. Hendren, a partnership doing business as Stentite. Applying designs to fabrics. 1,987,593; Jan. 15.
- Burger, Bernhard, Jamaica, N. Y. Cigar and cigarette lighter. Des. 95,014; Apr. 2.
- Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Spacer means for dual wheels. 2,001,407; May 14.
- Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Rim mounting. 2,023,404; Dec. 10.
- Burger, Martin, Morris, assignor to Self-Locking Carton Co., Chicago, Ill. Egg carton. 1,992,183; Feb. 26.
- Burger, Martin, Morris, assignor to Self-Locking Carton Company, Chicago, Ill. Carton closing means. 1,994,241; Mar. 12.
- Burger, Martin, Morris, assignor to Self-Locking Carton Co., Chicago, Ill. Carton. 2,017,650; Oct. 15.
- Burger, Martin, Morris, assignor to Self-Locking Carton Company, Chicago, Ill. Automatic carton setting-up machine. 2,018,396; Oct. 22.
- Burger, Philipp, Berlin, Germany. Working ready dressed and tanned pelts. 1,996,039; Mar. 26.
- Burger, Walter D., Forest Park, assignor to Hannifin Manufacturing Co., Chicago, Ill. Work holder. 1,999,031; Apr. 23.
- Burger, Walter D., Forest Park, and V. W. Peterson, assignors to Hannifin Manufacturing Co., Chicago, Ill. Chuck. 1,999,032; Apr. 23.
- Burger, William J. (See Lange, M. E., and Burger.)
- Burgers, Wilhelm G. (See Bouwers, A., Burgers, and Bierman.)
- Burgess Battery Company. (See Burgess, Charles F., assignor.)
- Burgess Battery Company. (See Girard, Lamont E., assignor.)
- Burgess Battery Company. (See Nygard, Halvard F., assignor.)
- Burgess Battery Company. (See Zook, John S., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Germond, Hallett H., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Kliefoth, Max H., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Lee, H. C., and Norris, assignors.)
- Burgess, C. F., Laboratories, Inc. (See Slidell, Kemper, assignor.)
- Burgess, C. F., Laboratories, Inc. (See Svendsen, Svend S., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Weiss, Howard F., assignor.)
- Burgess, C. J., Liberty, Mo. Composition of matter and article produced therefrom. 1,999,499; Apr. 30.
- Burgess, Charles F., Bokella, Fla., assignor to Burgess Battery Company, Freeport, Ill. Battery. 2,014,832; Sept. 17.
- Burgess, Dana M., Decatur, Ga., assignor to Colproyia Roads, Inc., New York, N. Y. Grading apparatus. 2,006,384; July 2.
- Burgess, Edward W., Milwaukee, Wis. Sprinkler support. 1,988,159; Jan. 15.
- Burgess, Edward W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Floor structure. 1,986,999; Jan. 8.
- Burgess, Edward W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Floor structure. 1,995,496; Mar. 26.
- Burgess, Edward W., and H. M. Vehling, assignors to A. O. Smith Corporation, Milwaukee, Wis. Steel floor construction. 1,986,998; Jan. 8.
- Burgess, Edward W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Metallic grid. 2,020,017; Nov. 5.
- Burgess, Harry K., and P. F. Duber, Chicago, Ill. Conveyor. 2,024,846; Dec. 17.
- Burgess, James R., Summerville, Ga., and A. W. Roney, Philadelphia, Pa., assignors to Fidelity Machine Company, Wilmington, Del. Yarn changer. 2,010,942; Aug. 13.
- Burgess, Louis, New York, N. Y., assignor to William P. Alexander, Ridgewood, N. J. Making tin tetrachloride. 1,999,179; Apr. 30.
- Burgess, Magnus M., Detroit, Mich., assignor to Shelter Manufacturing Corporation, Portland, Ind. Steering wheel. 2,017,681; Oct. 15.
- Burgess, Walter K., Chanute Field, Rantoul, Ill. Amphibian. 2,005,728; June 25.
- Burgess, Walter S., and E. K. Colley, Benton Harbor, assignors to The O. & W. Thum Company, Grand Rapids, Mich. Apparatus for diffusing pyrethrum. 2,006,437; July 2.
- Burgess, Warren C., La Grange, assignor, by mesne assignments, to Burton-Dixie Corporation, Chicago, Ill. Upholstery pad. 1,992,603; Feb. 26.
- Burgess, Warren C., La Grange, assignor to Burton-Dixie Corporation, Chicago, Ill. Method of and machine for stuffing upholstery pads. 2,026,212; Dec. 31.
- Burgess, William A., Balancing device for polishing wheels and the like. 2,010,687; Aug. 6.
- Burgett, Lynn S., Euclid, Ohio. Arc welding apparatus. 2,000,161; May 7.
- Burghard, Edgar G. (See Fourness, Wilfred, assignor.)
- Burghart, Lloyd M., Linthicum Heights, Md., assignor to U. S. Industrial Alcohol Co., New York, N. Y. Apparatus for manufacture of cellulose esters. 1,990,113; Feb. 5.
- Burgher, Everett K., Puerto Mexico, Mexico. Piston lift for pumping of liquids. 2,001,012; May 14.
- Burghoff, Louis L., assignor to The E. Ingraham Company, Bristol, Conn. Pendant for watches and the like. 2,003,781; June 4.
- Burgin, William D., Dallas, Tex. Nut shelling machine. 1,994,906; Mar. 19.
- Burgis, Frederick M., Sidcup, assignor to J. Stone & Company, Limited, Deptford, England. Ship's light. 2,018,295; Oct. 22.
- Burgoynes, William J., and H. J. Cordy, Sulphide, Ontario, Canada, assignors to General Chemical Company, New York, N. Y. Apparatus for roasting fines. 2,025,799; Dec. 31.
- Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Conversion of hydrocarbons. 1,989,737; Feb. 5.
- Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Conversion of gases and other hydrocarbon materials into motor fuel, etc. 1,991,593; Feb. 19.
- Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Treatment of light petroleum distillates. 2,009,954; July 30.
- Burk, Robert E., and E. C. Hughes, assignors to The Standard Oil Company, Cleveland, Ohio. Preparation of motor fuels. 1,997,480; Apr. 9.
- Burk, Robert E., and E. C. Hughes, assignors to The Standard Oil Company (Ohio) Cleveland, Ohio. Treatment of sodium hydroxide. 2,020,932; Nov. 12.
- Burke, Denis J., London, England, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Bronzing lacquer. 2,026,493; Dec. 31.
- Burke, Earl L., Warren, assignor to Republic Steel Corporation, Youngstown, Ohio. Handling and shipping sheet metal. 2,023,912; Dec. 10.
- Burke, Edmund, Portland, Maine. Method and apparatus for making fibrous shapes. 2,019,890; Nov. 5.
- Burke, Frank D., Rocky River, Ohio. Inhibitor and method of preventing the chemical attack of metals. 2,019,559; Nov. 5.
- Burke, George W., Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing a mixture of nitrogen and hydrogen. 1,988,781; Jan. 22.
- Burke, Henry P. (See Vetterlein, Henry M., assignor.)
- Burke, James L., Weehawken, N. J., assignor to Modern Wrappers, Inc. Package. 1,992,184; Feb. 26.
- Burke, James L., Weehawken, N. J., assignor to Modern Wrappers, Inc. Cigarette pack. 2,009,835; July 30.
- Burke, Joseph P., Highland Park, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of alcohols. 1,987,601; Jan. 15.
- Burke, Joseph P., Highland Park, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esterification process. 2,010,426; Aug. 6.
- Burke, Paul. (See Blosser, J. E., and Burke.)
- Burke, Paul, assignor to Northwest Engineering Company, Green Bay, Wis. Load limiting friction clutch. 2,012,418; Aug. 27.
- Burke, Paul, assignor to Northwest Engineering Corporation, Green Bay, Wis. Dipper door control. 2,016,032; Oct. 1.
- Burke, Paul, assignor to Northwest Engineering Corporation, Green Bay, Wis. Excavating dipper. 2,025,090; Dec. 24.
- Burke, Samuel J., St. Louis, Mo. Conveyor. 1,996,142; Apr. 2.
- Burke, Stephen P., Plainfield, and C. F. Fryling, Metuchen, N. J., assignors to Doherty Research Company, New York, N. Y. Treatment of hydrocarbons. 1,991,344; Feb. 12.
- Burke, Stephen P., Plainfield, and H. M. Enterline, Elizabeth, N. J., assignors to Combustion Utilities Corporation, New York, N. Y. Producing synthetic resins and product thereof. 2,010,773; Aug. 6.
- Burke, Stephen P., Plainfield, and C. F. Fryling, Metuchen, N. J., assignors to Doherty Research Company, New York, N. Y. Partial oxidation of hydrocarbons. 2,018,994; Oct. 29.
- Burke, William E., W. H. Allen, W. A. Gale, and C. F. Ritchie, Trona, Calif., and R. B. Peet, Ithaca, N. Y., assignors to American Potash & Chemical Corporation, Trona, Calif. Crystallization apparatus. 1,997,277; Apr. 9.
- Burke, William F., assignor to The McGee Company, Athens, Ohio. Temperature control. 2,007,596; July 9.
- Burkel, Mathew J., Aurora, Ill. Piston expander. 2,014,645; Sept. 17.
- Burkert, John W., et al. (See Lashley, Robert E., assignor.)
- Burkett, Frank, Astoria, Long Island, N. Y. Revolving floor flange fitting. 1,988,298; Jan. 15.
- Burkett, Frank, and E. Taylor, Astoria, N. Y. Device for cleaning and flushing pipes. 2,014,037; Sept. 10.
- Burkhard, Heinrich, assignor to Tipp & Co., Nuremberg, Germany. Toy airplane. 2,004,235; June 11.
- Burkhard, Myron J., Ridgewood, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method and apparatus for distillation of hydrocarbons. 2,009,079; July 23.

- Burkhardt Company, The. (See Burkhardt, John C., assignor.)
- Burkhardt Company, The. (See Johnson, Stanley G., assignor.)
- Burkhardt, Conrad C. C., Philadelphia, Pa. Cab for electric locomotives. 1,986,042; Jan. 1.
- Burkhardt, Conrad C. C., Philadelphia, Pa. Tank car. 2,000,819; May 7.
- Burkhardt, Evangeline, New York, N. Y. Powder puff and making the same. 2,004,307; June 11.
- Burkhardt, Hermann, Weiningen, Switzerland. Bow saw. 2,018,437; Oct. 22.
- Burkhardt, John C., assignor to The Burkhardt Company, Detroit, Mich. Counter display binder. 2,021,350; Nov. 19.
- Burkhardt, Thomas E., Dayton, Ohio. Lifting and propelling mechanism for vehicles. 2,003,627; June 4.
- Burkhardt, Walter R., Bliss, Idaho. Orifice diaphragm for head gates. 1,999,921; Apr. 30.
- Burkhart, Clarence W. (See Cushing, R. E., and Burkhardt.)
- Burkle, Robert, North Bergen, N. J., assignor of one-half to R. Merrifield, New York, N. Y. Dishwashing machine. 1,997,449; Apr. 9.
- Burkle, Robert, North Bergen, N. J., assignor of one-half to R. Merrifield, New York, N. Y. Spring projector for automatic dish washing and drying machine. 1,997,450; Apr. 9.
- Burkle, Robert, North Bergen, N. J., assignor of one-half to R. Merrifield, New York, N. Y. Dish basket. 1,997,451; Apr. 9.
- Burks, Dana, Jr., assignor to Board of Trustees, University of Illinois, Urbana, Ill. Freezing a clear ice block. 1,996,274; Apr. 2.
- Burlein, Gustave, Huntington Park, Calif. Antiglare shield for rear view mirrors. 1,990,222; Feb. 5.
- Burlew, Wayne L. (See Bass, S. L., and Burlew.)
- Burlingame, Leslie G., Eriton, N. J., assignor to Radio Corporation of America, New York, N. Y. Condenser. 2,011,555; Aug. 13.
- Burmah Oil Company Limited, The. (See Abraham, William E. V., assignor.)
- Burmah Oil Company Limited, The. (See Allan, Hugh L., assignor.)
- Burmeister, Hermann, Hennigsdorf, near Osthavelland, Germany, assignor to General Electric Company. Manufacture of compressed substances from aromatic amines, aldehydes and filling materials. 1,989,543; Jan. 29.
- Burmistrow, Simon A. (See Berlin, K. A., and Burmistrow.)
- Burn, Richard, et al. (See Lier, Robert P., assignor.)
- Burnap, Carl W., and J. Weiss, Hibbing, Minn. Air conditioner. 1,993,871; Mar. 12.
- Burndy Engineering Co. (See Lee, Marvin, assignor.)
- Burndy Engineering Co. (See Mack, Edward A., assignor.)
- Burnell, Albert G. (See Drumm, J. J., and Burnell.)
- Burnell, Samuel J., Kansas City, Mo. Garment. 1,992,351; Feb. 26.
- Burnelli Aircraft, Ltd. (See Burnelli, Vincent J., assignor.)
- Burnelli, Vincent J., New York, N. Y., assignor to Burnelli Aircraft, Ltd., Dover, Del. Retractable landing gear for airplanes. 1,987,049; Jan. 8.
- Burnelli, Vincent J., New York, N. Y., assignor to Burnelli Aircraft, Ltd., Dover, Del. Tailless airplane. 1,987,050; Jan. 8.
- Burnelli, Vincent J., New York, N. Y., assignor to Burnelli Aircraft, Ltd., Dover, Del. All-wing airplane. 1,998,487; Apr. 23.
- Burnes, Joseph C., Eddystone, Pa. Flush tank bulb or valve. 2,015,614; Sept. 24.
- Burnet, Samuel F., Webster Groves, assignor to Laclede Christy Clay Products Company, St. Louis, Mo. Steam generating apparatus. 2,000,509; May 7.
- Burnett, Fred C., and G. S. Adams, assignors to Ryerson & Haynes, Inc., Jackson, Mich. Spare wheel carrier. 2,003,853; June 4.
- Burnett, Frederick C., Chicago, Ill., assignor, by mesne assignments, to Lyon Incorporated, Detroit, Mich. Tire cover. 1,986,877; Jan. 8.
- Burnett, John L., assignor to Chrysler Corporation, Detroit, Mich. Front axle construction. 1,999,394; Apr. 30.
- Burnett, Marjorie L. (See Hermann, Walter H., assignor.)
- Burnett, Richard W., Chicago, Ill. Releasing and holding means for railway car hand brakes. 1,992,412; Feb. 26.
- Burnett, Richard W., Chicago, Ill. Hand brake releasing and holding mechanism. 1,993,207; Mar. 5.
- Burnett, Richard W., Chicago, Ill. Holding and release tripping mechanism for railway car hand brakes. 2,017,526; Oct. 15.
- Burnham, Dwelle L., Washburn, N. Dak. Automobile signaling device. 1,996,670; Apr. 2.
- Burnham, Harry S., Schenectady, N. Y. Multiple expansion engine. 2,010,845; Aug. 13.
- Burnham, Richard W. (See Pasternack, R., and Burnham.)
- Burnham, Stanley W., Elizabeth, assignor to Merck & Co., Inc., Rahway, N. J. Receptacle closure. 2,008,001; July 16.
- Burnish, Howard J., Sewickley, assignor to Spang, Chalfant & Co., Inc., Pittsburgh, Pa. Mandrel for electric welding machines. 2,006,581; July 2.
- Burnite, James H., assignor to Wagner Electric Corporation, St. Louis, Mo. Brush holder. 1,994,502; Mar. 19.
- Burns, Adele, New York, N. Y. Cut-out standing toy. 2,007,791; July 9.
- Burns, Alfred P. (See Blood, H. L., and Burns.)
- Burns, Bruce. (See Fishback, R. W., and Burns.)
- Burns, Bruce, Santa Monica, assignor to The Northrop Corporation, Inglewood, Calif. Fuselage welder. 1,989,266; Jan. 29.
- Burns, Bruce, Santa Monica, assignor to The Northrup Corporation, Inglewood, Calif. Spot-welding electrode. 1,992,990; Mar. 5.
- Burns, Bruce, Santa Monica, assignor to The Northrop Corporation, Inglewood, Calif. Welding apparatus. 1,996,901; Apr. 9.
- Burns, Bruce, assignor, by mesne assignments, to Hughes Industries Co., Ltd., Los Angeles, Calif. Film roller and driving mechanism. 1,992,989; Mar. 5.
- Burns, Bruce, Los Angeles, Calif., assignor to Hughes Tool Company, Houston, Tex. Oscillating joint. 1,993,260; Mar. 5.
- Burns, Bruce, assignor, by mesne assignments, to Hughes Industries Co., Ltd., Los Angeles, Calif. Film developing method and apparatus. 1,998,154; Apr. 16.
- Burns, Bruce, assignor, by mesne assignments, to Hughes Industries Co., Ltd., Los Angeles, Calif. Film take-up mechanism. 2,005,254; June 18.
- Burns, Bruce, and H. B. Lewis, assignors, by mesne assignments, to Hughes Industries Co., Ltd., Los Angeles, Calif. Multiple film handling device. 2,001,322; May 14.
- Burns, Erwin. (See Wickersham, H. P., and Burns.)
- Burns, Erwin, Los Angeles, and H. P. Wickersham, Huntington Park, Calif. Slip. 1,999,279; Apr. 30.
- Burns, Erwin, Los Angeles, and H. P. Wickersham, Huntington Park, Calif. Crown block. 2,007,155; July 9.
- Burns, Erwin, Los Angeles, and H. P. Wickersham, Huntington Park, Calif. Slip. 2,012,337; Aug. 27.
- Burns, Erwin, Los Angeles, and H. P. Wickersham, Huntington Park, Calif. 2,023,663; Dec. 10.
- Burns, Frank J., Sylvania, Ohio. Beverage coil cleaner. 2,009,955; July 30.
- Burns, Frank S., and G. M. Helf, Milwaukee, Wis. Lock valve. 2,016,797; Oct. 8.
- Burns, Fred J., assignor to The Columbia Mills, Inc., Saginaw, Mich. Shade roller. 2,024,142; Dec. 17.
- Burns, Henry N., Rossburg, Ohio. Gate. 2,007,071; July 2.
- Burns, Hugh, Ormond, Victoria, Australia. Fruit packing case. 2,013,131; Sept. 3.
- Burns, Jabez & Sons, Inc. (See Backer, L. H., Keenan, and Kopf, assignors.)
- Burns, Jabez & Sons, Inc. (See Burns, W. G., and Greene, assignors.)
- Burns, Jabez & Sons, Inc. (See Kopf, Joseph L., and J. C., assignors.)
- Burns, James E., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Priming mixture. 1,991,731; Feb. 19.
- Burns, John S., Chicago, Ill., assignor to American Box Board Company, Grand Rapids, Mich. Packing box. 2,012,954; Sept. 3.
- Burns, John T., Corona, N. Y. Pipe cleaner. 1,994,209; Mar. 12.
- Burns, John W. (See O'Brien, M. D., and Burns.)
- Burns-O'Brien Disc Brake Corporation. (See O'Brien, M. D., and Burns, assignors.)
- Burns, Ralph E. (See Clayton, B., and Burns.)
- Burns, Robert H., West Orange, N. J., assignor to Radio Corporation of America. Coil winding machine. 2,014,833; Sept. 17.
- Burns, Robert M., Chicago, Ill. Window frame and sash construction. 1,991,840; Feb. 19.
- Burns, Sheldon L., Hamilton, Ohio. Stapled mattress and upholstery pad. 1,992,810; Feb. 26.
- Burns, Wilford E., Burlingame, Calif., assignor to M. J. B. Company. Extractor mechanism for can end driers. 2,025,935; Dec. 31.
- Burns, Wilfred E., Burlingame, Calif., assignor to M. J. B. Company. Can. 1,987,817; Jan. 15.
- Burns, William G., New York, and R. A. Greene, Brooklyn, assignors to Jabez Burns & Sons, Inc., New York, N. Y. Automatic roaster and cooler. 2,010,582; Aug. 6.
- Burpee, John H. (See Foster, E. B., and Burpee.)
- Burr, Charles H., East Millinocket, assignor to Great Northern Paper Company, Millinocket, Maine. Log scrubbing machine. 2,023,163; Dec. 3.
- Burr, Charles O., South Norwalk, Conn. Oar lock. 1,990,114; Feb. 5.
- Burr, Gordon A., Wilkesburg, and E. E. Arnold, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. 2,000,688; May 7.
- Burrell, Clarence R., assignor, by mesne assignments, to The Farval Corporation, Cleveland, Ohio. Lubricating system. 2,007,156; July 9.
- Burrell, Edward P., Shaker Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Telescope. 2,003,171; May 28.
- Burrell, Edward P., Shaker Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Hydraulic machine tool. 2,005,822; June 25.
- Burrell, Edward P., Shaker Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,009,354; July 23.

- Burriss, Spurlin J., Marion, Ill. Automobile windshield spraying device. 2,012,218; Aug. 20.
- Burriss, Oliver G., assignor of forty one-hundredths to E. P. Vandiver and forty one-hundredths to J. C. Taylor, Anderson, S. C. Metallic sheet roofing. 2,005,218; June 18.
- Burriss, Oliver G., assignor of forty one-hundredths to E. P. Vandiver and forty one-hundredths to J. C. Taylor, Anderson, S. C. Metallic sheet roofing. 2,005,219; June 18.
- Burriss, Oliver G., assignor of forty one-hundredths to E. P. Vandiver and forty one-hundredths to J. C. Taylor, Anderson, S. C. Metallic sheet roofing. 2,005,220; June 18.
- Burroughs Adding Machine Company. (See Bower, Raymond G., assignor.)
- Burroughs Adding Machine Company. (See Butler, Thomas M., assignor.)
- Burroughs Adding Machine Company. (See Horton, Allen A., assignor.)
- Burroughs Adding Machine Company. (See Lafferty, Arthur R., assignor.)
- Burroughs Adding Machine Company. (See Muller, Robert L., assignor.)
- Burroughs Adding Machine Company. (See Pasinski, Walter J., assignor.)
- Burroughs Adding Machine Company. (See Racz, Ernest, assignor.)
- Burroughs Adding Machine Company. (See Racz, E., and Cannon, assignors.)
- Burroughs Adding Machine Company. (See Sproull, William C., assignor.)
- Burroughs Adding Machine Company. (See Summerlee, J. A., and Rowland, assignors.)
- Burroughs, Samuel G. (See Lofton, W. M., Jr., and Burroughs.)
- Burrow, Frank J., assignor of one-half to E. I. Stephensen, Toledo, Ohio. Machine for folding carton blanks. 2,017,583; Oct. 15.
- Burrows Corporation, The. (See Sawyer, William B., assignor.)
- Burrows, Robert J., and A. O. Williams, assignors to Clark Tractor Company, Battle Creek, Mich. Lift truck. 1,986,134; Jan. 1.
- Burrows, Robert J., and A. O. Williams, assignors to Clark Tractor Company, Battle Creek, Mich. Lift truck. 1,986,135; Jan. 1.
- Burrows, Robert J., and A. O. Williams, assignors to Clark Tractor Company, Battle Creek, Mich. Bell ringer. 2,003,340; June 4.
- Burrows, Thomas C., Wink, Tex. Angle indicator. 2,001,654; May 14.
- Burrows, Wain O., Huntington Park, Calif., assignor to Burco Engineering and Manufacturing Co. Apparatus for making metal inlays. 1,987,924; Jan. 15.
- Burrus, Roy and W. Arenzville, Ill. Farrowing house for animals. 2,008,637; July 16.
- Burrus, Wilbur. (See Burrus, Roy and W.)
- Burruss, David N., Jr., St. Louis, Mo., and J. P. Ruth, assignors to Chemical and Pigment Co., Inc., Collinsville, Ill. Making casein. 2,007,962; July 16.
- Burruss, Robert S. (See Camden, H. B., Burruss, Robert S. and W. H.)
- Burruss, William H. (See Camden, H. B., Burruss, Robert S. and W. H.)
- Burslem, Richard, Ashton on Mersey, England. Washing machine. 2,025,800; Dec. 31.
- Burst, Carl W., assignor to Welsh Hartman Co., St. Louis, Mo. Collapsible frame for baby buggies. 2,013,910; Sept. 10.
- Burst, Carl W., assignor to Welsh Hartman Co., St. Louis, Mo. Baby bath. 2,013,911; Sept. 10.
- Burt, Carleton W., Philadelphia, Pa. Geometrical instrument. 2,003,172; May 28.
- Burt, Clarence E. (See Baker, R. C., and Burt.)
- Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Cementing and floating shoe for well casings. 1,994,850; Mar. 19.
- Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Set shoe for well casings. 1,995,469; Mar. 26.
- Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Core barrel. 2,005,989; June 25.
- Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Indicating the position of a drilling bit in a well casing. 2,007,465; July 9.
- Burt, Clarence E., Los Angeles, Calif., assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Apparatus for extracting cores from the side wall of well bores. 2,013,457; Sept. 3.
- Burt, F. N., Company. (See Darrin, Marc, assignor.)
- Burt, F. N., Company. (See Dickerman, H. K., and McCarthy, assignors.)
- Burt, F. N., Company. (See Smith, Louise A., assignor.)
- Burt, John S., Highland Park, assignor to John Waldron Corporation, New Brunswick, N. J. Paper napkin embossing, printing, and folding machine. 2,004,032; June 4.
- Burt Machine Company. (See Wild, Charles H., assignor.)
- Burt Machine Company Incorporated. (See Wild, Charles H., assignor.)
- Burt, Robert C. (See Loughridge, Donald H., assignor.)
- Burt, Robert V., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Continuous soap crutcher. 2,024,425; Dec. 17.
- Burton-Dixie Corporation. (See Burgess, Warren C., assignor.)
- Burton-Dixie Corporation. (See Perlesz, Hugo, assignor.)
- Burton Dixie Corporation. (See Perlesz, H., and Pearce, assignors.)
- Burton-Dixie Corporation. (See Trotta, L., and Perlesz, assignors.)
- Burton-Dixie Corporation. (See Vinar, Washington, assignor.)
- Burton, Edward, assignor to Sports Grounds Rubber Surfacing Company Limited, London England. Artificial ground surface. 2,023,307; Dec. 3.
- Burton, Elizabeth, executrix. (See Burton, Harry E.)
- Burton, Everett T., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Energization and control of amplifiers. 2,020,875; Nov. 12.
- Burton, Frank F., Mount Carmel, assignor to Winchester Repeating Arms Company, New Haven, Conn. Firearm for rim-fire cartridges. 1,994,565; Mar. 19.
- Burton, Frank F., Mount Carmel, assignor to Winchester Repeating Arms Company, New Haven, Conn. Cover for firearm sights. 2,015,098; Sept. 24.
- Burton, Frank F., Mount Carmel, and H. L. Crockett, assignors to Winchester Repeating Arms Company, New Haven, Conn. Firearm. 1,994,564; Mar. 19.
- Burton, George A., Tulsa, Okla. Transmission hoist. 2,025,970; Dec. 31.
- Burton, Harry E., Chicago, Ill., deceased, E. Burton, executrix, assignor to Bendix Products Corporation, South Bend, Ind. Brake mechanism. 2,015,741; Oct. 1.
- Burton, John. (See Burton, S. F., and Lowe, assignors.)
- Burton, Jules C., Columbus, Ohio. Corn knife. 2,010,478; Aug. 6.
- Burton, Oscar D., Kernersville, assignor of one-half to F. E. Hurt, Boonville, N. C. Securing warps. 2,010,581; Aug. 6.
- Burton, Robert C. (See Northrop, D. E., and Burton.)
- Burton, Robert N., River Forest, Ill., assignor to Highway Trailer Company, Edgerton, Wis. Automatic extensible drawbar. 2,001,408; May 14.
- Burton, Sidney F., Edgbaston, Birmingham, and A. Lowe, Old Hill, assignors to J. Burton, Birmingham, England. Scaffolding clamp. 2,020,102; Nov. 5.
- Burton, Warren D., assignor to Combustioneer, Inc., Goshen, Ind. Stoker. 1,991,841; Feb. 19.
- Burton, Warren D., assignor to Combustioneer, Inc., Goshen, Ind. Feeding device for stokers. 1,991,842; Feb. 19.
- Burwell, Arthur W., Niagara Falls, assignor to Alox Chemical Corporation, New York, N. Y. De-emulsification for petroleum oil emulsions. 1,993,646; Mar. 5.
- Burwell, Arthur W., Niagara Falls, assignor to Alox Corporation, New York, N. Y. Grease. 2,012,252; Aug. 20.
- Bury, Etha M., San Gabriel, Calif. Sidewalk sign. 2,023,573; Dec. 10.
- Burzette, Everett W. (See Pangborn, Louis H., assignor.)
- Busby, Harper A., Chicago, Ill. Window sash lock. 2,018,346; Oct. 22.
- Busby, Samuel J., Battle Creek, Mich. Roller skate. 1,996,671; Apr. 2.
- Busch, Albert P., Nogales, Ariz. Water meter. 1,996,672; Apr. 2.
- Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Emergency supporting means for brake mechanism. 1,988,235; Jan. 15.
- Busch, Charles R., Orange, N. P., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake shoe key. 2,013,981; Sept. 10.
- Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Coupler-height adjusting means. 2,021,285; Nov. 19.
- Busch, Emil, Aktiengesellschaft. (See Naumann, Helmut, assignor.)
- Busch, Hedwig, Mannheim, assignor to Zellstofffabrik Waldhof, Mannheim-Waldhof, Germany. Manufacture of cellular substances. 1,991,786; Feb. 19.
- Busch, Herman, Astoria, N. Y. Pneumatic dispatch tube carrier. 2,023,218; Dec. 3.
- Busch, Simon J., Lebanon, N. J. Hen nest. 2,022,843; Dec. 3.
- Busch-Sulzer Bros.-Diesel Engine Company. (See Rotter, Max., assignor.)
- Busch-Sulzer Bros.-Diesel Engine Company. (See Schneider, Rudolph, assignor.)
- Busch, Thomas N., Lake City, Fla., dedicated to the free use of the public. Turpentine-face scribe. 2,000,375; May 7.
- Busch, Thomas N., Lake City, Fla., dedicated to the free use of the public. Turpentine-face scribe. 2,001,655; May 14.
- Buscham, Christian A., Newark, N. J., assignor to Exotic Vanities, Inc., New York, N. Y. Receptacle. 2,000,162; May 7.
- Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Condenser arrangement. 1,995,839; Mar. 26.
- Buschbeck, Werner, Berlin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation. 1,999,892; Apr. 30.

- Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Bridge arrangement. 2,002,338; May 21.
- Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplifier arrangement. 2,026,372; Dec. 31.
- Buse, Frederick W. (See Schenk, Franz E. M., assignor.)
- Buseman, Thomas R., Madison Township, Butler County, Iowa. Revolving advertising sign. 2,016,852; Oct. 8.
- Busenbarg, Earl B., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Earth-like material and making same. 1,998,432; Apr. 23.
- Buser, John A. (See Bowman, H. T., and Buser.)
- Bush, A. G. (See Criner, Harry J., assignor.)
- Bush, Alonzo O., and R. H. Martin, assignors to Norton Company, Worcester, Mass. Grinding wheel. 2,006,308; June 25.
- Bush, David C., and W. A. Moore, Greenville, S. C. Loom attachment. 1,993,146; Mar. 5.
- Bush, Edward R., Lemont, Ill., assignor to Chadeloid Chemical Company, New York, N. Y. Stain and related composition. 2,000,120; May 7.
- Bush, Edward R., Lemont, Ill., assignor, by mesne assignments, to Chadeloid Chemical Company. Wood stain. 2,000,121; May 7.
- Bush, Eugene S., assignor to Bush Manufacturing Company, St. Louis, Mo. Speed-change unit. 1,997,855; Apr. 16.
- Bush Manufacturing Company. (See Bush, Eugene S., assignor.)
- Bush Manufacturing Company, The. (See Mason, Arthur J., assignor.)
- Bush Manufacturing Company, The. (See Mason, A. J., and Tancred, assignors.)
- Bush, Faine L., Dallas, Tex. Book hanger. 2,016,665; Oct. 8.
- Bush, Ralph R., Upper Darby, Pa., assignor to General Electric Company. Operating mechanism. 2,026,373; Dec. 31.
- Bush, Samuel I., Manassas, Va. Adjustable form. 2,004,462; June 11.
- Bush, Walter L. (See Winterfeld, L. B., and Bush.)
- Bushnell, Don H., Washington, D. C. Crankcase heater. 1,999,003; Apr. 23.
- Bushold, Fred G., Lawrence, Mass. Water closet. 2,000,658; May 7.
- Business Corners, Inc. of Delaware. (See Toulmin, Harry A., Jr., assignor.)
- Buskey, George, Clay, N. Y. Combination shoe-shining cabinet. 2,007,072; July 2.
- Busse, Edwin G. (See Ekholm, H. W., and Busse.)
- Busse, Edwin G. (See Hedgecock, W. C., and Busse.)
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam support. 1,991,376; Feb. 19.
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam safety device. 2,003,499; June 4.
- Busse, Edwin G., and E. E. Griest, assignors to Chicago Railway Equipment Company, Chicago, Ill. Brake head. 1,988,831; Jan. 22.
- Bussey, Ernest, Birmingham, Ala. Shingle roof. 2,008,575; July 16.
- Bussing, Elmer J., assignor to The Chicago Daily News, Inc., Chicago, Ill. Finishing rubber rollers. 2,016,590; Oct. 8.
- Bussing, James G., and W. A. Peck, Carthage, N. Y. Child's diaper. 2,019,842; Nov. 5.
- Bussmann, Henry T., St. Louis, Mo. Electric fuse. 2,004,191; June 11.
- Bustamante, Caesar, New York, N. Y. Cutting and slitting machinery. 2,011,614; Aug. 20.
- Buswell, Arthur M., Urbana, and C. S. Boruff, Monmouth, Ill. Producing methane. 1,990,523; Feb. 12.
- Busy Bee Hosiery Company. (See Collier, William H., Jr., assignor.)
- Butcher, Edwin G., Wahroonga, and W. E. Jupe, Eastwood, New South Wales, Australia. Railway and tramway rail and wheel flange lubrication. 2,003,242; May 28.
- Butenandt, Adolf, Göttingen, assignor to Schering-Kahlbaum, A. G., Berlin, Germany. Purifying hormone preparations. 2,012,300; Aug. 27.
- Butenandt, Adolf, Göttingen, assignor to Schering-Kahlbaum A. G., Berlin, Germany. Purification of male sexual hormone preparations. 2,015,099; Sept. 24.
- Butler, Arthur C., London, England. Holder for cigarettes or the like. 2,016,071; Oct. 1.
- Butler, Charles A., deceased, Okmulgee, Okla., Sadie A. Butler, administratrix. Float structure. 2,023,461; Dec. 10.
- Butler, Charles A., deceased, Okmulgee, Okla., Sadie A. Butler, administratrix. Valve mechanism for servo-motors. 2,023,462; Dec. 10.
- Butler, Clayton L., Pine Bluffs, Wyo. Seed potato cutter. 1,990,774; Feb. 12.
- Butler, Clyde G., assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Grease gun. 2,024,126; Dec. 10.
- Butler, Cyrus O., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Artificial silk spinning machine. 1,994,566; Mar. 19.
- Butler, Frank D., United States Navy, Bremerton, Wash. Combustion engine. 2,023,403; Dec. 10.
- Butler, Fred C., Cleveland, Ohio. Fruit grading machine. 2,010,136; Aug. 6.
- Butler, Harry R., New York, N. Y., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Tractor-trailer system. 2,022,186; Nov. 26.
- Butler, Homer, Bronaugh, Mo. Weighing scale. 2,003,737; June 4.
- Butler, Howard C., Ossining, N. Y. Automobile equalizer spring suspension. 2,013,599; Sept. 3.
- Butler-Kuhn Corporation. (See Kuhn, George, assignor.)
- Butler, Leonard F. G. (See Fedden, A. H. R., and Butler.)
- Butler Manufacturing Company. (See Morquist, Victor C., assignor.)
- Butler Manufacturing Company. (See Nelson, J., and Norquist, assignors.)
- Butler Manufacturing Company. (See Norquist, Victor C., assignor.)
- Butler, Michael J., New York, N. Y. Combination socket and switch. 1,995,700; Mar. 26.
- Butler, Noble C., assignor to The National Tile Company, Anderson, Ind. Tile and fixture display apparatus. 2,011,843; Aug. 20.
- Butler, Noble C., assignor to The National Tile Company, Anderson, Ind. Tile setting assembly and method of handling and packaging. 2,020,455; Nov. 12.
- Butler, Noble C., and T. Du Vall, assignors to The National Tile Company, Anderson, Ind. Tile display panel. 2,013,741; Sept. 10.
- Butler, Park C., Moundville, Mo. Motor vehicle chassis washer. 2,013,742; Sept. 10.
- Butler, Robert S., Los Angeles, Calif., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Filter. 2,024,426; Dec. 17.
- Butler, Sadi, A., administratrix. (See Butler, Charles A.)
- Butler Service, Inc. (See Watkins, David H., assignor.)
- Butler, Thomas M., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 1,992,142; Feb. 19.
- Butler, William H. (See Turkington, V. H., and Butler.)
- Butler, William L., assignor to Weber Electric Company, Schenectady, N. Y. Toggle switch. 2,024,273; Dec. 17.
- Buttridge, James H., Chicago, Ill., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,022,074; Nov. 26.
- Butte, William, Brooklyn, N. Y. Fishhook extricator. 1,988,160; Jan. 15.
- Butterfield, Andrew M., Bath, Maine. Steering gear. 1,993,475; Mar. 5.
- Butters Manufacturing Company. (See Starke, R. W., Sims and Quinn, assignors.)
- Butters, Robert H., Atlanta, Ga. Window control device. 1,994,940; Mar. 19.
- Butterworth, Arthur B., Brooklyn, N. Y. Preventing corrosion of metal walls of tanks. 1,996,747; Apr. 9.
- Butterworth, Arthur B., Brooklyn, N. Y., assignor to Butterworth System, Inc. Apparatus for cleaning tanks. 2,018,757; Oct. 29.
- Butterworth, H. W., & Sons Company. (See Sippel, John J., assignor.)
- Butterworth, H. W., & Sons Company. (See Steiger, George W., assignor.)
- Butterworth, Josephine, executrix. (See Butterworth, Samuel D.)
- Butterworth, Josephine M., et al. (See Butterworth, Samuel D.)
- Butterworth, Samuel D., Detroit, assignor of one-half to J. M. Butterworth, Detroit, Mich., and one-half to C. P. Gable, Gable, S. C. Treating wood. 1,996,567; Apr. 2.
- Butterworth, Samuel D., Detroit, Mich., assignor, by mesne assignments of ninety-nine per cent to The Worth Company. Car loading device. 2,010,846; Aug. 13.
- Butterworth, Samuel D., deceased, Detroit, Mich., J. Butterworth, executrix. Mechanical movement useful for wheel mountings. 2,026,018; Dec. 31.
- Butterworth System, Inc. (See Butterworth, Arthur B., assignor.)
- Buttfield, Alfred C. (See Browne, T. C., and Buttfield.)
- Buttler, Charles. (See Jackson, C., Powell, and Buttler.)
- Büttner, Artur, assignor to Schnellpressenfabrik Aktiengesellschaft, Heidelberg, Heidelberg, Germany. Platen printing press. 1,995,563; Mar. 26.
- Büttner, Artur, assignor to Schnellpressenfabrik Aktiengesellschaft, Heidelberg, Heidelberg, Germany. Apparatus for adjusting and stopping the printing in automatic platen printing presses. 2,018,602; Oct. 22.
- Büttner, Carl, assignor to The Hunter Fan & Motor Company, Fulton, N. Y. Oscillating electric fan. 1,991,080; Feb. 12.
- Büttner, Horace J., assignor to The Goss Printing Press Company, Chicago, Ill. Inking mechanism. 1,995,701; Mar. 26.
- Büttner, Karl, assignor to firm Carl Zeiss, Jena, Germany. Supporting gauge-plate for the measurement of dimensions of bodies bounded by parallel surfaces. 2,026,374; Dec. 31.
- Büttner, William C., assignor to The Bastian-Blessing Company, Chicago, Ill. Faucet. 1,990,635; Feb. 12.
- Büttner, William C., assignor to The Bastian-Blessing Company, Chicago, Ill. Faucet. 1,997,481; Apr. 9.
- Büttner, William C., assignor to The Bastian-Blessing Company, Chicago, Ill. Safety valve. 2,005,931; June 25.
- Büttner, William C., assignor to The Bastian-Blessing Company, Chicago, Ill. Carbonator. 2,019,479; Nov. 5.

- Buttolph, Leroy J., Grantwood, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Method of and apparatus for starting electric discharge devices. 2,001,517; May 14.
- Buttolph, Leroy J., Grantwood, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Method and apparatus for starting and operating gaseous electric discharge devices. 2,001,518; May 14.
- Buttolph, Leroy J., Grantwood, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Electric discharge device and operating same. 2,001,519; May 14.
- Buttress, George A., assignor to Lonroy Corporation, Los Angeles, Calif. Bottle cap former. 2,003,643; June 4.
- Buttress, George A., assignor to Lonroy Corporation, Los Angeles, Calif. Bottle cap. 2,008,576; July 16.
- Buttress, George A., assignor to Lonroy Corporation, Los Angeles, Calif. Bottle cap. 2,020,720; Nov. 12.
- Buttress, George A., assignor to Lonroy Corporation, Los Angeles, Calif. Bottle capping machine. 2,020,721; Nov. 12.
- Butts, Clarence H., assignor to The Newton Steel Company, Monroe, Mich. Base metal for vitreous enamel. 1,996,568; Apr. 2.
- Butts, Maurice J. (See Hunter, D. N., and Butts.)
- Butts, Robert I., Avon, Mass. Machine for preparing insoles for reinforcing. 1,986,791; Jan. 8.
- Butty, Carlos, Buenos Aires, Argentina. Container. 1,989,075; Jan. 29.
- Butz, Edward D., Palisade, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,021,286; Nov. 19.
- Butz, Edward D., Palisade, N. J., and C. D. Koehling, Floral Park, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,021,287; Nov. 19.
- Buxbaum, Edwin C. (See Lee, H. R., and Buxbaum.)
- Buxbaum, Edwin C. (See Welland, H. J., and Buxbaum.)
- Buxbaum, Edwin C., Shorewood, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of 1-N-Methyl-4-Halogenanthrapyridone. 2,012,228; Aug. 20.
- Buxton, Hugh B., Roselle, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cable guide bracket. 1,995,340; Mar. 26.
- Buxton, Incorporated. (See Buxton, Warner R., assignor.)
- Buxton, Warner R., Longmeadow, Mass. Flexible receptacle. 2,001,954; May 21.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 2,011,844; Aug. 20.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 2,011,845; Aug. 20.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 2,011,846; Aug. 20.
- Buxton, Warner R., Longmeadow, assignor to Buxton, Incorporated, Springfield, Mass. Key retaining member. 2,018,009; Oct. 22.
- Buyer, Clarence R., Buffalo, N. Y. Building block. 2,019,653; Nov. 5.
- Buzhardt, Otto P., Greenville, S. C. Support for geometrical instruments. 1,999,925; Apr. 30.
- Buzzard, Gale H., and R. W. Tracy, assignors to The De Vibliss Company, Toledo, Ohio. Spray head. 2,004,033; June 4.
- Buzzoni, Paride, assignor to Soc. An. Commercio Industria Edili. S. A. C. I. E., Rome, Italy. Reinforcing structure in buildings. 2,022,950; Dec. 3.
- Byars, Edgar W., Tampa, Fla. Weed and grass cutter. 1,992,287; Feb. 26.
- Byenum, Roswell O., et al. (See Di Orio, P., and Schmidhofer.)
- Byer, Henry E., Rosebank, N. Y. Condenser. 2,013,029; Sept. 3.
- Byer, Leonard J., Newton, Mass. Sock and making the same. 2,015,844; Oct. 1.
- Byerlein, Erie J., Wauwatosa, Wis. Container. 1,993,917; Mar. 12.
- Byers, A. M., Company. (See Aston, J., and Story, assignors.)
- Byers, A. M., Company. (See Story, E. B., and Gross, assignors.)
- Byers, John M., and D. T. Swavely, Flint, Mich. Grinding mill. 1,989,586; Jan. 29.
- Byers, Robert, Hancock, Md., assignor to Rice, Trew & Rice Co. Inc., Birlerville, Pa. Facing circle. 2,026,458; Dec. 31.
- Byrd, Horace. (See Martin, Robert P., assignor.)
- Byler, Claude, Buffalo, Wyo. Salvaging apparatus. 1,998,607; Apr. 23.
- Byles, Frank A., Scotia, N. Y., assignor to General Electric Company. Electrical regulating system. 2,009,103; July 23.
- Byles, Frank A., Scotia, and F. H. Winter, Schenectady, N. Y., assignors to General Electric Company. Motor control system. 2,022,535; Nov. 26.
- Byrd, John E., Detroit, Mich. Washing apparatus. 1,992,737; Feb. 26.
- Byrd, Ruddell J., Waxahachie, Tex. Air cooling attachment for electric fans. 1,989,787; Feb. 5.
- Byrd, Ruddell J., Irving, Tex. Air conditioning apparatus. 2,001,833; May 21.
- Byrd-Wendt Aircraft Corporation. (See Wendt, Johannes H., assignor.)
- Byrd, William, Jr., Princeton, N. J. Faulty conductor cut-out for electrical distribution systems. 2,012,181; Aug. 20.
- Byrd, William W., assignor to Frankfort Distilleries, Incorporated, Louisville, Ky. Whisky package. 2,025,153; Dec. 24.
- Byrem, Alva B., assignor to James Magee Webbing Company, Bloomsburg, Pa. Shuttle for needle looms. 1,987,524; Jan. 8.
- Byrne, Clarence O. (See Forbes, A. L., and Byrne.)
- Byrne, Hugh J., San Francisco, Calif. Regulator. 2,008,240; July 16.
- Byrne, Hugh J., San Francisco, Calif. Compensator. 2,008,241; July 16.
- Byrne, James A., West Orange, N. J. Seal. 2,013,299; Sept. 3.
- Byrne, John A., Milton, Mass., assignor to Gloria System Inc., St. Albans, Maine. Depilatory method and apparatus. 2,024,624; Dec. 17.
- Byrne, Joseph L., Tampa, Kans. Earth auger. 2,021,982; Nov. 26.
- Byrne, Julius I., Detroit, Mich. Door construction. 2,023,193; Dec. 3.
- Byrne, Thomas H. (See Fleckenstein, C. T., and Byrne.)
- Byrnes, Clarence P. (See Inman, Marcus T., assignor.)
- Byrnes, Clarence P., trustee. (See James, Joseph H., assignor.)
- Byrns, Howard A., Elyria, Ohio, assignor to National Tube Company. Pyrometer device. 2,025,015; Dec. 17.
- Byrnes, Irving F., Riverdale, N. Y., assignor to Radio Corporation of America. Crystal controlled oscillator. 2,007,637; July 9.
- Byrnes, Irving F., and H. R. Meahl, Schenectady, N. Y., assignors to General Electric Company. Piezo-electric device. 1,996,569; Apr. 2.
- Byrnes, James B. (See Kalske, J., and Byrnes.)
- Byron Jackson Co. (See Colmerauer, Andrew J., assignor.)
- Byron Jackson Co. (See Grau, Herbert E., assignor.)
- Byron Jackson Co. (See Hollander, Aladar, assignor.)
- Byron Jackson Co. (See Hollander, A., Grau, and Lundeen, assignors.)
- Byron, Ralph, assignor to J. O. Ross Engineering Corporation, New York, N. Y. Baking oven. 2,002,976; May 28.
- Byron, Thomas F., Cleveland, Ohio. Window curtain. 2,002,171; May 21.
- Byron, Thomas H., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Hydrocaoutchouc yarn. 2,025,025; Dec. 24.
- Bystricky, Joseph, assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,990,524; Feb. 12.
- Bystricky, Joseph, assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,012,923; Aug. 27.
- Bystricky, Joseph, assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,016,809; Oct. 8.
- Bystricky, Joseph, and W. Schmid, assignors to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 1,996,792; Apr. 9.
- C M C Corporation. (See Moreno, Gabriel G., assignor.)
- C-O-Two Fire Equipment Company. (See Allen, S. E., and Wiswell, assignors.)
- C-O-Two Fire Equipment Company. (See Wiswell, Ozro N., assignor.)
- C-S Engineering Company. (See Coffin, J. S., Jr., and Schellens, assignors.)
- C-S Engineering Company. (See Schellens, Christopher A., assignor.)
- C-S Engineering Company. (See Schellens, Eugene L., assignor.)
- C T Electric Company. (See Twombly, Willard O., assignor.)
- Cabaniss, Jekes H., Executors et al. (See McWane, James R., assignor.)
- Cabot Carbon Company. (See Damon, Edward H., assignor.)
- Cabot, Walter K., Montclair, N. J., assignor to American Can Company, New York, N. Y. Can opening machine. 2,012,955; Sept. 3.
- Cabrera, Ramon J., Philadelphia, Pa., assignor to Feminine Products, Inc., New York, N. Y. Applicator container. 2,022,075; Nov. 26.
- Cabrera y Garcia, Manuel, Habana, Cuba. Device for distributing drinks. 2,020,884; Nov. 12.
- Cadden, Charles C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for cutting and weighing lengths of material from a continuous strip thereof. 2,025,801; Dec. 31.
- Cade, John E., assignor to John Deere Tractor Company, Waterloo, Iowa. Tractor. 2,010,346; Aug. 6.
- Cadlet, Charles, assignor to the firm Société Anonyme des Etablissements Charles Testut, Paris, France. Poise device. 2,004,034; June 4.
- Cadioux, Joseph O., assignor to Connecticut Telephone & Electric Corporation, Meriden, Conn. Electric connector. 1,994,882; Mar. 19.
- Cadmus, Oscar P., New York, N. Y. Ventilating window shade. 2,024,090; Dec. 10.
- Cadwalader, Edgar M. (See Thomas, E. A., and Cadwalader.)
- Cadwell, Charles A., assignor to The Electric Railway Improvement Company, Cleveland, O. Rail bonding. 2,014,278; Sept. 10.

- Cadwell, Edwin B., Chicago, Ill., and A. B. Webb, Milwaukee, Wis., said Webb assignor to said Cadwell. Method of and apparatus for preparing paving compositions. 2,015,707; Oct. 1.
- Cadwell, Sidney M., Grosse Pointe Village, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Vulcanizing rubber and products obtained thereby. 1,988,438; Jan. 22.
- Cadwell, William H., and J. Ott, assignors to The Beaton & Cadwell Manufacturing Company, New Britain, Conn. Flush valve. 1,998,155; Apr. 16.
- Cady, Hamilton P. (See Painter, A. M., Cady, and Henson.)
- Cady, Hamilton P., Lawrence, Kans. Method and apparatus for determining molecular weights of gases or vapors. 2,023,164; Dec. 3.
- Cady, Walter G., Middletown, Conn., assignor to Radio Corporation of America. Frequency stabilization of a generator of alternating current. 2,017,894; Oct. 22.
- Caesar, Orville S., Chicago, Ill., and C. A. Van Derveer, Michigan City, Ind., assignors to S. Karpen & Bros., Chicago, Ill. Chair or seat. 1,998,186; Apr. 16.
- Cage, Darcy L., Los Angeles, Calif. Fireplace construction. 1,987,252; Jan. 8.
- Caggiano, Anthony, Springfield, Mass. Package tie. 2,022,557; Nov. 26.
- Cahill, Arthur T., et al. executor. (See Cahill, Thaddeus.)
- Cahill, Eleanor, executor et al. (See Cahill, Thaddeus.)
- Cahill, George F., New York, N. Y. Bowling alley. 1,987,000; Jan. 8.
- Cahill, George F., New York, N. Y. Game and game apparatus. 2,000,123; May 7.
- Cahill, George F., New York, N. Y. Sports arena and the accessories thereto. 2,004,888; June 11.
- Cahill, George F., New York, N. Y. Game and game apparatus. 2,018,633; Oct. 29.
- Cahill, George F., executor et al. (See Cahill, Thaddeus.)
- Cahill, Thaddeus, deceased, New York, N. Y., A. T. Cahill, Weehawken, N. J., E. and G. F. Cahill, New York, N. Y., executors. Electrical speakers and other speakers. 2,009,138; July 23.
- Cahn, Benjamin, Frankfurt-on-the-Main, Germany. Clasp or clip for hair waving. 1,992,023; Feb. 19.
- Cahn, Benjamin, Far Rockaway, N. Y. Garment. 2,015,589; Sept. 24.
- Cahoon, Ernest L. (See Kryszewski, S. W., and Cahoon.)
- Caiati, Alberto C., Brooklyn, N. Y. Illuminated auto license plate. 2,015,513; Sept. 24.
- Cailloux, Leon L., Montreal, Quebec, Canada. Cementitious composition of matter. 2,013,132; Sept. 3.
- Cain, Bernard M., Ballston Lake, N. Y., assignor to General Electric Company. Electric circuit. 2,011,395; Aug. 13.
- Cain, Bernard M., Ballston Lake, N. Y., assignor to General Electric Company. Electromagnet structure. 2,014,880; Sept. 17.
- Cain, Bernard M., Ballston Lake, N. Y., assignor to General Electric Company. Electrical regulating system. 2,022,536; Nov. 26.
- Cain, George D., Warren, assignor to The Republic Steel Corporation, Youngstown, Ohio. Refractory material. 2,021,222; Nov. 19.
- Caird, Harry, Madison, Wis., assignor to Delta-Star Electric Company, Chicago, Ill. Spring live wire connector. 2,009,289; July 23.
- Cairncross, James C., assignor to Puffer-Hubbard Mfg. Co., Minneapolis, Minn. Humidifier. 2,006,627; July 2.
- Cairns, Robert W., Baltimore, Md., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Antifreeze solution. 1,992,469; Feb. 26.
- Caisson Contracting Company. (See Smith, Edward A., assignor.)
- Cake, Wallace E., Boenet, Asahan, Sumatra, Dutch East Indies, assignor to General Rubber Company, New York, N. Y. Preservation of latex. 2,004,156; June 11.
- Calbeck, John H. (See Elde, A. C., and Calbeck.)
- Calbeck, John H., Joplin, Mo. Electrolytic cell. 2,017,584; Oct. 15.
- Calbeck, John H., Joplin, assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Zinc sulphide and making the same. 2,006,259; June 25.
- Calco Chemical Company. (See Battagay, Martin, assignor.)
- Calco Chemical Company. (See Berry, George A., assignor.)
- Calcott, William S., Penns Grove, N. J., and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal polish. 1,986,388; Jan. 1.
- Calcott, William S., and W. A. Douglass, Penns Grove, N. J., and H. W. Walker, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preservation of oils, fats, fatty oils, fatty esters, fatty acids, fatty acid salts, and related compounds. 1,987,321; Jan. 8.
- Calcott, William S., and W. A. Douglass, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounding rubber. 1,989,788; Feb. 5.
- Calcott, William S., Penns Grove, F. H. Smith, Woodstown, and G. Barnhart, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. 1,992,185; Feb. 26.
- Calcott, William S., and W. A. Douglass, Penns Grove, N. J., and H. W. Walker, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preserving agents for animal and vegetable fats, fatty oils, and soap. 1,993,771; Mar. 12.
- Calcott, William S., Penns Grove, and F. B. Downing and N. C. Somers, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydroazo compounds and inversion thereof. 1,998,488; Apr. 23.
- Calcott, William S., P. W. Carleton, Penns Grove, N. J., and H. I. Stryker, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Color Lake. 1,999,395; Apr. 30.
- Calcott, William S., Penns Grove, N. J., and I. E. Lee, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilizing motor fuels. 1,999,830; Apr. 30.
- Calcott, William S., Penns Grove, and C. J. Pedersen, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Wood staining. 2,000,689; May 7.
- Calcott, William S., and A. F. Benning, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of organic fluorine compounds. 2,013,050; Sept. 3.
- Calcott, William S., Penns Grove, N. J., and H. W. Daudt, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of alkyl halides. 2,016,072; Oct. 1.
- Calcott, William S., Penns Grove, N. J., and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Amino derivatives and preparing them. 2,016,956; Oct. 8.
- Calcott, William S., Penns Grove, N. J., and L. C. Holt, Edgemoor, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Anhydrous hydrogen fluoride. 2,018,397; Oct. 22.
- Calcott, William S., Penns Grove, and I. Williams, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of dispersions. 2,021,143; Nov. 19.
- Calcutt, Reginald B., Chicago, Ill. Weather strip. 2,012,624; Aug. 27.
- Calcutt, Reginald B., Chicago, Ill. Weather strip. 2,012,625; Aug. 27.
- Calcutt, Reginald B., Chicago, Ill. Weather strip. 2,020,103; Nov. 5.
- Calderara, Mario, Chatou, France. Dispensing device. 2,009,761; July 30.
- Calderazzo, Dominick J., assignor to Dainty Maid Slippers, Inc., Brooklyn, N. Y. Shoe. 2,022,488; Nov. 26.
- Caldes, Constantine A., Jersey City, N. J., assignor to Anaconda Wire & Cable Company, New York, N. Y. Wire wrapping machine. 1,997,626; Apr. 16.
- Caldor, Earl S., New York, N. Y. Brassière. 1,994,941; Mar. 19.
- Caldwell, Burr H., Niagara Falls, N. Y. Shield. 1,988,717; Jan. 22.
- Caldwell, Harry J., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 1,999,180; Apr. 30.
- Caldwell, Stuart H., Detroit, Mich., assignor to Auto Research Corporation. Lubrication. 1,993,733; Mar. 12.
- Caldwell, Thomas J., Venice, Calif. Lock. 1,994,095; Mar. 12.
- Caldwell, Wallace L. (See Brock, A. S., and Meinzer, assignors.)
- Calhoun, Alva J. (See Ritterhoff, H., Cessna, and Reinhold, assignors.)
- Calhoun, John N. (See Reel, Jesse K., assignor.)
- Calhoun, Taylor P., Worcester, Mass. Dust collector for vacuum cleaners. 2,007,518; July 9.
- Calhoun Products, Inc. (See Johnston, Albert E., assignor.)
- Calice Products, Inc. (See Dean, William T., assignor.)
- California Almond Growers Exchange. (See Bailey, David R., assignor.)
- California Barrel Company. (See Krohn, Julius J., assignor.)
- California Consolidated Water Company. (See Wolfe, Richard C., assignor.)
- California Consumers Company. (See Wolfe, Richard C., assignor.)
- California Corrugated Culvert Co. (See Jahn, John R., assignor.)
- California Fruit Growers Exchange. (See Cole, G. M., and Hall, assignors.)
- California Fruit Growers Exchange. (See Cox, Raymond E., assignor.)
- California Fruit Growers Exchange. (See Highby, Ralph H., assignor.)
- California Fruit Growers Exchange. (See Joseph, G. H., and Nedvidek, assignors.)
- California Fruit Growers Exchange. (See MacRill, John R., assignor.)
- California Fruit Growers Exchange. (See Platt, William C., assignor.)
- California Fruit Growers Exchange. (See Wilson, C. P., and Nedvidek, assignors.)
- California Fruit Wrapping Mills, Inc. (See Genuit, John W., assignor.)
- California Fruit Wrapping Mills, Inc. (See Shelley, James H., assignor.)
- California Institute of Technology. (See Lauritsen, Charles C., assignor.)
- California Institute of Technology. (See Millikan, R. A., and Sorensen, assignors.)

- California Packing Corporation. (See Ash, C. S. and Roleson, assignors.)
- California Packing Corporation. (See Olivarius, Holger de F., assignor.)
- California Packing Corporation. (See Tucker, William K., assignor.)
- California Spray-Chemical Corporation. (See Parker, William B., assignor.)
- California Spray-Chemical Corporation. (See Voick, William H., assignor.)
- Calkins, Addison N., assignor to Electric Wheel Company, Quincy, Ill. Traction varying means for tractor wheels. 2,006,730; July 2.
- Calkins, Claude C., Spokane, Wash. Vehicle rocking machine. 1,994,942; Mar. 19.
- Calkins, William G., Detroit, assignor to Chrysler Corporation, Detroit, Mich. Device for mounting valve seat inserts. 2,008,002; July 16.
- Calkins, William G., and A. J. Langhammer, assignors to Chrysler Corporation, Detroit, Mich. Spring shackle bearing. 1,991,491; Feb. 19.
- Callahan, Eugene, Devils Lake, N. Dak. Boiler construction. 2,018,709; Oct. 29.
- Callahan, James P., San Francisco, Calif. Side wing bracket. 1,992,413; Feb. 26.
- Callahan, James P., San Francisco, Calif. Automobile side wing bracket. 1,995,415; Mar. 26.
- Callahan, John L., Brooklyn, N. Y., and R. E. Mathes, Westfield, N. J., assignors to Radio Corporation of America. Telegraph system. 2,006,582; July 2.
- Callahan, John L., Brooklyn, N. Y., R. E. Mathes, Westfield, N. J., and A. Kahn, Ozone Park, N. Y., assignors to Radio Corporation of America. Time division multiplex system. 2,010,505; Aug. 6.
- Callahan, John L., Brooklyn, and V. H. Brown, Ozone Park, N. Y., assignors to Radio Corporation of America. Idle time keyer. 2,020,822; Nov. 12.
- Callahan, John T., Waban, assignor to Archer Rubber Company, Milford, Mass. Elastic fabric. 1,995,734; Mar. 26.
- Callahan, John W., Wellsboro, Pa. Tongs. 2,020,823; Nov. 12.
- Callahan, Michael J., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Protective finish. 2,003,068; May 28.
- Callahan, Michael J., deceased, A. V. Dearden and E. E. Wigg, executors, assignors to Peerless Unit Ventilation Co. Inc., Bridgeport, Conn. Thermal control unit for heating and ventilating apparatus. 1,990,895; Feb. 12.
- Callahan, Vincent T., Bergenfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control circuit. 2,003,036; May 28.
- Callan, Earl F. (See Smith, Earle R., assignor.)
- Callan, John G., Cambridge, Mass. Typewriter paper of deferred indeblity and preparing the same. 1,994,750; Mar. 19.
- Callan, Thomas J. (See Clark, M., and Callan.)
- Callander, Austin, Los Angeles, Calif. Bath shower device. 2,015,377; Sept. 24.
- Callaway, Hal, Los Angeles, Calif. Roof construction. 1,999,802; Apr. 30.
- Callaway Mills. (See McEwen, Norman S., assignor.)
- Callaway, R. W., trustees et al. (See Woodford, Lois W., assignor.)
- Callesas, Roger F., Habana, Cuba. Mechanical baseball game. 1,994,685; Mar. 19.
- Callender's Cable and Construction Company Limited. (See Hamilton, Archibald M., assignor.)
- Callender's Cable and Construction Company Limited. (See Hunter, Philip V., assignor.)
- Calliban, Robert M., Foley, Fla. Carburetor valve control. 2,021,832; Nov. 19.
- Callis, Conral C. (See Willmore, C. W. and Callis.)
- Callis, Conral C., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Soldering flux. 1,996,360; Apr. 2.
- Callis, Conral C., and R. B. Derr, Oakmont, assignors to Aluminum Company of America, Pittsburgh, Pa. Soldering flux. 1,996,361; Apr. 2.
- Callis, Conral C., and R. B. Derr, Oakmont, assignors to Aluminum Company of America, Pittsburgh, Pa. Soldering flux. 1,996,362; Apr. 2.
- Callison, Abner F., New York, N. Y. Lift truck. 1,996,673; Apr. 2.
- Callison, William E., Tulsa, Okla. Amusement device. 1,996,143; Apr. 2.
- Calloway Mills. (See Daughdrill, James H., assignor.)
- Callowhill, Percy J., Providence, R. I., assignor to Hurst Incorporated, Boston, Mass. Vanity case. 2,025,971; Dec. 31.
- Callsen, Albert, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Starting device for internal combustion engines. 2,024,427; Dec. 17.
- Calvert, Landon R., Newark, N. J., assignor to Westinghouse Lamp Company. Temperature control attachment. 2,006,567; July 2.
- Calvert, William C., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Transparent film. 1,989,632; Jan. 29.
- Calvo, Marion E., Rochester, N. Y. Bathing suit. 1,986,792; Jan. 8.
- Calzoni, Alfredo, Bologna, Italy. Revolving piston machine. 2,016,315; Oct. 8.
- Cam Locks Limited. (See Beesley, Ronald P., assignor.)
- Cambridge, Howard C., West View, Pa. Rear sight for rifles. 2,021,541; Nov. 19.
- Cambridge Instrument Company. (See Orchard, John L., assignor.)
- Cambridge Rubber Co. (See Reynolds, Charles E., assignor.)
- Cambridge Trust Company, executor. (See Troland, Leonard T.)
- Cambron, Adrien, and C. H. Bayley, Ottawa, Ontario, Canada. Thermal treatment of gases and vapors. 2,002,524; May 28.
- Cambron, Adrien, and C. H. Bayley, Ottawa, Ontario, Canada. Thermal treatment of gases and vapors. 2,002,525; May 28.
- Camco Scale Corporation. (See Stillman, Albert H., assignor.)
- Camden, Hugh B., Richmond, and R. S. and W. H. Burgess, Lynchburg, Va. Bark removing machine. 2,025,337; Dec. 24.
- Camel Company. (See Lute, Carl, assignor.)
- Camera Projectors Limited. (See Hillery-Collings, Charles E., assignor.)
- Cameron Can Machinery Co. (See Cameron, William, assignor.)
- Cameron, Harvey D., assignor of three-fourths to B. J. Thorsen and one-fourth to C. B. Harrison, Chicago, Ill. Suction cleaner. 2,024,143; Dec. 17.
- Cameron, Herbert H., Cleveland, Ohio. Advertising device or novelty. 1,999,085; Apr. 23.
- Cameron, James A., assignor to Cameron Machine Company, Brooklyn, N. Y. Winding a web of flexible material. 2,012,118; Aug. 20.
- Cameron, James A., assignor to Cameron Machine Company, Brooklyn, N. Y. Winding machine. 2,023,165; Dec. 3.
- Cameron, James A., Brooklyn, N. Y., and R. M. Johnstone, Short Hills, N. J., assignors to Cameron Machine Company, Brooklyn, N. Y. Coating webs. 2,025,375; Dec. 24.
- Cameron, John C., and C. E. R. West, Detroit, Mich. Furnace construction. 1,989,400; Jan. 29.
- Cameron, John D., Dresden, Ontario, Canada. Horse shoeing and veterinary rack. 2,000,122; May 7.
- Cameron, Louis T., Toledo, Ohio, assignor of one-half to C. O. Marshall, Jr., Chicago, Ill. Condenser for hydrocarbons. 1,992,352; Feb. 26.
- Cameron Machine Company. (See Cameron, James A., assignor.)
- Cameron Machine Company. (See Cameron, J. A., and Johnstone, assignors.)
- Cameron Machine Company. (See Johnstone, Robert McC., assignor.)
- Cameron Machine Company. (See Johnstone, R. M., and Borloz, assignors.)
- Cameron, Mortimer B. (See Livingston, J. W., and Cameron.)
- Cameron, Peter, Edinburgh, Scotland. Carburetor. 2,011,997; Aug. 20.
- Cameron, William, assignor to Cameron Can Machinery Co., Chicago, Ill. Can body testing machine. 2,013,402; Sept. 3.
- Cameron, William, assignor to Cameron Can Machinery Co., Chicago, Ill. Can testing apparatus. 2,013,403; Sept. 3.
- Cameron, William, assignor to Cameron Can Machinery Co., Chicago, Ill. Can testing machine. 2,020,535; Nov. 12.
- Cameron, William J., Chicago, Ill. Nasal and aural speculum. 2,012,597; Aug. 27.
- Camerota, Louis A., Burlington, assignor, by mesne assignments, to Florence Pipe Foundry & Machine Company, Florence, N. J. Packing ring for pipe joint. 1,999,084; Apr. 23.
- Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Temperature indicator. 2,026,375; Dec. 31.
- Caminez, Harold, Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Accessory device housing for internal combustion engines. 2,001,866; May 21.
- Caminez, Harold, Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Valve mechanism for internal combustion engines. 2,024,334; Dec. 17.
- Cammack, Nell E., Port Arthur, Tex. Oil cooler. 1,996,404; Apr. 2.
- Cammack, Robert, Gary, Ind. Woodworking machine. 1,999,625; Apr. 30.
- Cammen, Carolyn C. (See Cammen, Leon, assignor.)
- Cammen, Leon, assignor to Carolyn C. Cammen, New York, N. Y. Telegraph printer. 2,023,949; Dec. 10.
- Camp, Eugene V., Atlanta, Ga. Connector for traffic guards. 1,988,994; Jan. 22.
- Camp, Eugene V., Atlanta, Ga. Spring support for road guards. 1,988,995; Jan. 22.
- Camp, Eugene V., Atlanta, Ga. Road guard. 1,988,996; Jan. 22.
- Camp, Frank W., assignor of fifteen per cent to J. Liberman, San Francisco, Calif., and ten per cent to B. B. Stimmel. Blasting apparatus. 2,016,250; Oct. 1.
- Camp, Percy B., Maywood, Ill., assignor to Universal Draft Gear Attachment Co. Drop staff brake mechanism. 2,007,706; July 9.
- Camp, Percy B., Maywood, Ill., assignor to Universal Draft Gear Attachment Co. Hand brake operating mechanism. 2,026,268; Dec. 31.

- Camp, Thomas R., Newton, Mass. Flow control apparatus. 2,025,722; Dec. 31.
- Camp, William E., Abington, Pa. Filing device. 1,992,186; Feb. 26.
- Campanella, John. (See Locke, J. A., and Campanella.)
- Campbell, Archeson M., Glendale, Ohio. Fire control device. 2,024,625; Dec. 17.
- Campbell, Adolph T., Millville, N. J. Safety-pin. 2,017,651; Oct. 15.
- Campbell, Allan, Bridgeport, Conn., assignor to Remington Arms Company, Inc. Ammunition. 2,021,498; Nov. 19.
- Campbell, Archibald A., Grand Haven, Mich. Engine. 1,998,441; Apr. 23.
- Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Operating and locking means for sliding car doors and the like. 1,998,608; Apr. 23.
- Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Underframe construction for railway cars. 1,999,650; Apr. 30.
- Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Bolster construction. 1,999,651; Apr. 30.
- Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Underframe construction for railway cars. 1,999,652; Apr. 30.
- Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Underframe construction for railway cars. 2,003,341; June 4.
- Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Railway car door construction and the like. 2,011,470; Aug. 13.
- Campbell, Argyle, Chicago, and G. B. Willard, Western Springs, assignors to Enterprise Railway Equipment Company, Chicago, Ill. Car door. 2,003,577; June 4.
- Campbell, Augustine W., Detroit, Mich. Container cap construction. 2,015,840; Oct. 1.
- Campbell, Ben J. (See Keuffel, C. W., and Campbell.)
- Campbell-Buchanan Corporation. (See Campbell, Leon J., assignor.)
- Campbell, Calvin, assignor to The Colorado Fuel and Iron Company, Denver, Colo. Highway guard fence. 2,007,466; July 9.
- Campbell, Calvin, assignor to The Colorado Fuel and Iron Company, Denver, Colo. Highway guard fence. 2,007,467; July 9.
- Campbell, Charles, London, England, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record card controlled statistical machine. 1,987,322; Jan. 8.
- Campbell, Charles, London, England, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Apparatus for sorting and counting from statistical record-cards. 2,000,214; May 7.
- Campbell, Charles, London, England, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Verifying machine. 2,013,534; Sept. 3.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 1,986,916; Jan. 8.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,010,914; Aug. 13.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,011,751; Aug. 20.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,012,375; Aug. 27.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,013,031; Sept. 3.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,013,743; Sept. 10.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,015,214; Sept. 24.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,015,785; Oct. 1.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Fluid pressure brake. 2,016,541; Oct. 8.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,023,757; Dec. 10.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,024,335; Dec. 17.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Engineer's valve. 2,025,154; Dec. 24.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,025,847; Dec. 31.
- Campbell, Charles H., Kent, Ohio. Devulcanizing rubber. 2,021,046; Nov. 12.
- Campbell, Charles T. (See Campbell, James A., assignor.)
- Campbell, Charles T., et al. (See Leech, Edward J., assignor.)
- Campbell, Clarence G. (See Carl, Byron E., assignor.)
- Campbell Company. (See Campbell, Richard C., assignor.)
- Campbell, Dewey E., Detroit, Mich. Tire grooving tool. 2,013,234; Sept. 3.
- Campbell, Donald. (See Voelcker, Carl S., assignor.)
- Campbell, Donald J., assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Internal combustion engine. 1,998,706; Apr. 23.
- Campbell, Donald J., assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Casting crank shafts. 2,014,224; Sept. 10.
- Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Furnace. 1,998,707; Apr. 23.
- Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Internal combustion engine. 1,998,708; Apr. 23.
- Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Internal combustion engine. 1,999,440; Apr. 30.
- Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Composite brake drum. 2,004,061; June 4.
- Campbell, Donald J., Spring Lake Township, Ottawa County, Mich., and A. A. Melcher, Los Angeles, Calif., assignors to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Crank shaft. 2,014,225; Sept. 10.
- Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Hardening cams. 2,017,305; Oct. 15.
- Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Hardening iron castings. 2,019,480; Nov. 5.
- Campbell, Duncan. (See Haycock, G. W., and Campbell.)
- Campbell, Duncan, Glasgow, Scotland. Hydraulic power transmitter. 1,993,918; Mar. 12.
- Campbell, Francis E., et al. (See Marshall, James H., assignor.)
- Campbell, Frank B. (See Turnepseed, Clarence, assignor.)
- Campbell, George E., assignor to The Wheland Company, Chattanooga, Tenn. Pump valve. 2,011,547; Aug. 13.
- Campbell, George H. (See Smith, J. C. and Campbell.)
- Campbell, George W., Harrison City, Pa. Nut lock. 2,025,643; Dec. 24.
- Campbell, Guy, Tottenham, London, England, assignor to Benjamin Electric Manufacturing Company, Des Plaines, Ill. Lighting fittings. 1,987,464; Jan. 8.
- Campbell, Harris S., Harbor, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft of the rotative sustaining blade type. 1,989,544; Jan. 29.
- Campbell, Helen M., Littleton, Colo. Fastener. 2,018,995; Oct. 29.
- Campbell, Henry A., San Jose, Calif. Box filling and packing machine. 1,991,656; Feb. 19.
- Campbell, Jackson L., Wichita, Kans., assignor of one-fourth to O. J. Corbett, and one-fourth to O. E. Kahle, Chicago, Ill., and one-fourth to F. H. Kahle, Cleveland, Ohio. Dispensing device. 1,988,865; Jan. 22.
- Campbell, James A., et al. (See Leech, Edward J., assignor.)
- Campbell, James A., Kewaunee, assignor of one-half to C. T. Campbell, Kewaunee, Wis. Stool. 2,010,290; Aug. 6.
- Campbell, James A., assignor of one-half to C. T. Campbell, Kewaunee, Wis. Stool support. 2,010,292; Aug. 6.
- Campbell, James H., Somerville, assignor to J. D. Moore, Dorchester, Mass. Method and apparatus for impregnating material. 2,001,768; May 21.
- Campbell, John, and L. O. Rolleston, Glens Falls, assignors to International Paper Company, New York, N. Y. Bleaching cellulose materials. 1,996,363; Apr. 2.
- Campbell, John D., assignor to Jay-Dee Manufacturing Co., Ltd., Tustin, Calif. Rotary drum brake. 2,009,574; July 30.
- Campbell, John F., Dayton, Ohio. Automatic control for internal combustion engines. 2,008,577; July 16.
- Campbell, Lawrence W., and W. P. Watson; said Watson assignor to Ann Watson, Clarksburg, W. Va. Toothbrush. 2,003,243; May 28.
- Campbell, Leon J., Buchanan, Mich., assignor to Campbell-Buchanan Corporation, Chicago, Ill. Clutch mechanism and control for change speed transmissions. 2,015,841; Oct. 1.
- Campbell, Lorn, Jr., Cleveland, Ohio. Combined mechanical and fluid brake for land vehicle trains. 2,019,292; Oct. 29.
- Campbell, Luther J., Hobbs, New Mexico, assignor to E. B. Gilmore, Oklahoma City, Okla. Vacuum fluid lift. 2,025,644; Dec. 24.
- Campbell, Ralph, Seminole, Okla. Knife handle. 1,989,225; Jan. 29.
- Campbell, Richard C., Plainfield, N. J., assignor to Campbell Company, New York, N. Y. Turn down collar. 2,021,833; Nov. 19.
- Campbell, Richard L., Oaklyn, N. J., assignor to Radio Corp. of America, New York, N. Y. Television system. 1,995,376; Mar. 26.
- Campbell, Robert H., Upper Edmondton, England. Dental spraying apparatus. 1,988,979; Jan. 22.

- Campbell, Robert M., Beaumont, Tex. Descriptive folder. 1,996,748; Apr. 9.
- Campbell, Robert W., and F. W. Wagner, assignors to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Making benzene from light oil. 1,991,843; Feb. 19.
- Campbell, Robert W., and F. W. Wagner, assignors to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Making chemically pure benzene. 1,991,844; Feb. 19.
- Campbell, Rodney B. (See Herbsman, A. M., and Campbell.)
- Campbell, Rodney B. (See Herbsman, A. M., Currier, and Campbell.)
- Campbell, Stanley E., assignor to Germain Manufacturing Company, Saginaw, Mich. Tilting mechanism for venetian blinds. 2,015,215; Sept. 24.
- Campbell, Sterling H. (See Pietzsch, F. H., Habenicht, and Campbell.)
- Campbell, Sterling H., F. K. Habenicht, and F. H. Pietzsch, assignors to Western Railway Equipment Company, St. Louis, Mo. Card holder and protector. 1,997,041; Apr. 9.
- Campbell, Sterling H. and F. H. Pietzsch, assignors to Western Railway Equipment Company, St. Louis, Mo. Brake beam safety support. 2,004,975; June 18.
- Campbell, Sumner E., Long Beach, Calif. Decolorizing oil. 1,991,049; Feb. 12.
- Campbell, Walter G., San Francisco, Calif. Brake testing apparatus. 1,994,751; Mar. 19.
- Campbell, William B. (See Sullivan, M. D., and Campbell.)
- Campbell, William C., et al. (See Liebler, Theodore H., assignor.)
- Campbell, William J., Indianapolis, Ind., assignor to American Slicing Machine Company, Chicago, Ill. Slicing machine. 1,997,540; Apr. 9.
- Campbell, William J., Indianapolis, Ind., assignor to American Slicing Machine Company, Chicago, Ill. Slicing machine. 1,997,541; Apr. 9.
- Campbell, William J., assignor to Climax Machinery Company, Indianapolis, Ind. Smoking stand. 2,000,920; May 14.
- Campbell, William J., Indianapolis, Ind., assignor to American Slicing Machine Company, Chicago, Ill. Slicing machine. 2,001,769; May 21.
- Campbell, William J., Indianapolis, Ind., assignor to American Slicing Machine Company, Chicago, Ill. Slicing machine. 2,001,770; May 21.
- Campbell, William J., Indianapolis, Ind., assignor to American Slicing Machine Company, Chicago, Ill. Slicing machine. 2,001,771; May 21.
- Campbell, William J., Indianapolis, Ind., assignor to American Slicing Machine Company, Chicago, Ill. Slicing machine. 2,007,823; July 9.
- Campbell, William J., Indianapolis, Ind., assignor to American Slicing Machine Company, Chicago, Ill. Slicing machine. 2,010,943; Aug. 13.
- Campbell, William J., Indianapolis, Ind., assignor to American Slicing Machine Company, Chicago, Ill. Slicing machine. 2,010,944; Aug. 13.
- Campbell, Wyant & Cannon Foundry Company. (See Campbell, Donald J., assignor.)
- Campbell, Wyant & Cannon Foundry Company. (See Campbell, D. J., and Melcher, assignors.)
- Campbell, Wyant & Cannon Foundry Company. (See Dake, Charles W., assignor.)
- Campbell, Wyant & Cannon Foundry Company. (See Dake, C. W., and Linabury, assignors.)
- Campbell, Wyant & Cannon Foundry Company. (See Dake, C. W., and Liverance, Jr., assignors.)
- Campbell, Wyant and Cannon Foundry Company. (See Goldberg, Mark J., assignor.)
- Campbell, Wyant & Cannon Foundry Company. (See Kibbe, James I., assignor.)
- Campini, Secondo, Milan, Italy. Reaction-propulsion method and plant. 2,024,274; Dec. 17.
- Campion, James F., Freeport, N. Y. Lawn mower. 1,992,119; Feb. 19.
- Camplon, Norman G., San Diego, Calif. Traffic signal. 2,021,954; Nov. 26.
- Camplin, Hugh T., London, England. Hypodermic syringe. 1,988,480; Jan. 22.
- Camps, Juan P., Sabadell, Spain. Braking device to automatically stop the loom. 1,988,540; Jan. 22.
- Camps, Juan P., Sabadell, Spain. Automatic regulation of the forward and backward movement of the fabric in looms. 2,013,535; Sept. 3.
- Campus, Cesare C., Santa Monica, Calif. Siphonproof flushometer and bowl combination. 1,998,861; Apr. 23.
- Canada Trust Company, The, executors and trustees et al. (See Clark, J. M., and Ford.)
- Canadian Chromalox Company Limited. (See Dodd, Henry S., assignor.)
- Canadian Electro Products Company. (See Blakie, K. G., Morrison and Shaw, assignors.)
- Canadian International Paper Company. (See Jayme, George, assignor.)
- Canady, Buel H., and C. J. Wiley, Winslow, Ariz. Piston construction and ring. 2,011,674; Aug. 20.
- Canal National Bank of Portland, The. (See Chaplin, Merle P., assignor.)
- Canal National Bank of Portland, The. (See Randall, Walter H., assignor.)
- Canal National Bank of Portland. (See Shepard, Ernest L., assignor.)
- Canal National Bank of Portland, The, Trustee. (See Bisbee, S., Parsons and Sheffield, assignors.)
- Canal National Bank of Portland, trustee. (See Emery, Richard L., assignor.)
- Candee, Ralph R., McKittrick, Calif. Vacuum bailer. 2,012,119; Aug. 20.
- Candelmo, Guy A., West Alliquippa, Pa. Music printing device. 2,026,269; Dec. 31.
- Candor, Robert R., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigeration. 2,017,946; Oct. 22.
- Candy, Albert T., Jr., Oak Park, assignor to Candy & Company, Inc., Chicago, Ill. Candle wick. 2,001,377; May 14.
- Candy, Albert T., Jr., Oak Park, assignor to Candy & Company, Inc., Chicago, Ill. Wire coating apparatus. 2,007,441; July 9.
- Candy & Company. (See Candy, Albert T., Jr., assignor.)
- Canepa, Christopher, Bronx, N. Y. Electric calendar clock. 1,988,782; Jan. 22.
- Canepa, Christopher, Bronx, N. Y. Astronomical watch. 1,997,511; Apr. 9.
- Canepa, Christopher, Bronx, N. Y. Calendar clock. 2,014,168; Sept. 10.
- Canfield, Earl L. (See Doane, Leroy C., assignor.)
- Canfield, Earl L., Hillside, N. J. Meter. 2,003,919; June 4.
- Canfield, Earl L., Hillside, N. J. Apparatus for demonstrating reflecting properties of surface finishes. 2,022,402; Nov. 26.
- Canfield, Robert H., and Kaiser, Herman F., Washington, D. C. Lead alloy. 2,013,487; Sept. 3.
- Canfield, Robert W., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for circulating molten glass. 1,988,783; Jan. 22.
- Canfield, Robert W., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Jacketed suction mold. 2,010,774; Aug. 6.
- Canfield, William C., Trustee. (See Morton, Harry D., assignor.)
- Canney, Frank R., assignor to Boeing Airplane Company, Seattle, Wash. Retractable landing gear. 2,015,920; Oct. 1.
- Cannizzaro, Joseph, Union City, N. J. Combined velocity and displacement pump or compressor. 1,991,541; Feb. 19.
- Cannon, Dana A., Sacramento, Calif. Method of and machine for separating tile from multiple tile units. 1,996,275; Apr. 2.
- Cannon, Frank A., and A. Zimmerli, New Brunswick, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Benzyl esters of halogenated ortho-benzoyl-benzoic acids and preparing the same. 1,998,489; Apr. 23.
- Cannon, James H., Los Angeles, Calif. Cord connector. 2,000,318; May 7.
- Cannon, Oscar. (See Racz, E., and Cannon.)
- Cannon, Philip J. (See Davis, James L., assignor.)
- Cannon, Phillip D. (See Dillingham, C. K., and Cannon.)
- Cannon, Phillip D., Philadelphia, Pa., assignor to John-Manville Corporation, New York, N. Y. Apparatus for making a braided product. 2,025,038; Dec. 24.
- Cannon, Phillip D., Plainfield, N. J., assignor to John-Manville Corporation, New York, N. Y. Article of manufacture and making the same. 2,025,039; Dec. 24.
- Cano, Vernon, Elizabeth, N. J., assignor to The Cooling & Air Conditioning Corporation, New York, N. Y. Air conditioning apparatus. 1,995,667; Mar. 26.
- Canode, Charles H. (See Dubrovnik, John, assignor.)
- Canon, Edward H., McKeesport, Pa. Grade determining apparatus. 2,008,816; July 23.
- Canon, Frank A., New Brunswick, N. J., assignor to E. I. du Pont de Nemours and Company, Inc., Wilmington, Del. Oxidation process. 2,002,627; May 28.
- Canon, Frank A., Crafon, Pa., assignor, by mesne assignments, to American Cyanamid Company, and Heyden Chemical Corporation, New York, N. Y. Catalytic apparatus. 2,010,217; Aug. 6.
- Cantacuzene, Servan G., Paris, France. Floating roof for tanks. 2,023,308; Dec. 3.
- Cantaluppi, Martino, Little Falls, N. J. Level. 2,020,238; Nov. 5.
- Cantero, John S., East Cambridge, Mass. Combined extension ladder and trestle. 2,017,563; Oct. 15.
- Canter, Barend A., Scheveningen, Netherlands. Top. 2,008,851; July 23.
- Canter, Morris, Brooklyn, N. Y. Fur seal. 2,010,583; Aug. 6.
- Canterbury, Harry H., Whittier, Calif. Oil and gas separator. 1,999,396; Apr. 30.
- Canterbury, Harry H., Whittier, Calif. Valvular control. 2,014,038; Sept. 10.
- Cantilever Seat Company. (See Lee, John R., assignor.)
- Canton, Allen A., New York, N. Y., assignor, by mesne assignments, to The Crosley Radio Corporation, Cincinnati, Ohio. Door construction for refrigerators. 2,021,096; Nov. 12.
- Cantrill, Harry. (See Shilson, B. W., and Cantrill.)
- Capaldo, Louis A., New York, N. Y. Collapsible umbrella. 2,007,364; July 9.
- Capart, Gustave P., La Varenne St. Hilaire, France. Device for ionizing sparking gaps. 1,996,854; Apr. 9.
- Capart, Gustave P., La Varenne St. Hilaire, France. Lighting rod assembly. 2,025,338; Dec. 24.

- Cupart, Gustave P., La Varenne, St. Hilaire, assignor to Société a Responsabilité Limitée: Le Parafoudre Universel Corona, Paris, France. Lightning arrester with ionization chamber. 1,996,321; Apr. 2.
- Cape, Arthur T., and K. B. Bowman, Massillon, Ohio, assignors, by mesne assignments, to Republic Steel Corporation, Youngstown, Ohio. Stable di-calcium silicate refractory composition. 2,015,446; Sept. 24.
- Cape Asbestos Company Limited, The. (See King, Frederick W., assignor.)
- Capehart Corporation, The. (See Collison, E. E., and Erbe, assignors.)
- Capehart Corporation, The. (See Erbe, Ralph R., assignor.)
- Capella-Dalmau, Francisco, Barcelona, Spain. Manufacture of rubber tubes. 2,013,684; Sept. 10.
- Capezio, Salvatore, New York, N. Y. Tap sole. 2,011,435; Aug. 13.
- Capicotto, James V., Chicago, Ill., assignor to Patent Engineering Corporation. Thermionic tube. 1,995,702; Mar. 26.
- Capillon, Edward A., Attleboro, Mass., and F. E. Carter, Maplewood, assignors to Baker & Company, Inc., Newark, N. J. Alloy. 1,999,864; Apr. 30.
- Capillon, Edward A., Attleboro, Mass., and F. E. Carter, Maplewood, assignors to Baker & Company, Inc., Newark, N. J. Alloy. 1,999,865; Apr. 30.
- Capillon, Edward A., Attleboro, Mass., and F. E. Carter, Maplewood, assignors to Baker & Company, Inc., Newark, N. J. Alloy. 1,999,866; Apr. 30.
- Capitol Store Fixture Company. (See Potashnik, Hyman, assignor.)
- Caplan, Benjamin, Philadelphia, Pa. Repair lining for shoes. 2,003,105; May 28.
- Caplan, Isabelle M., Miami Beach, Fla. Exercising machine. 2,020,992; Nov. 12.
- Caplan, Moses, Boston, Mass. Shelf trimming. 1,997,278; Apr. 9.
- Caplan, Moses, Boston, Mass. Shelf trimming. 2,009,541; July 30.
- Caplin, William, Bronx, assignor to Aronson-Caplin Company Inc., New York, N. Y. Shoulder strap. 2,011,795; Aug. 20.
- Caplinger, Frank F., New Vienna, Ohio. Fence guard. 2,015,615; Sept. 24.
- Capomacchio, Antimo, and R. Schiavulli, Providence, R. I. Heel finishing machine. 2,021,442; Nov. 19.
- Caponi, Patsy, assignor of one-half to C. Peroni, Philadelphia, Pa. Safety turn stop light. 2,001,705; May 21.
- Cappello, Anthony J. (See Fannen, P. L., and Cappello.)
- Capps, Sidney E., Macon, Mo. Sod ditch check. 1,990,855; Feb. 12.
- Caprio, Amerigo F. (See Walsh, J. F., and Caprio.)
- Caprio, Amerigo F., Newark, N. J., assignor to Celluloid Corporation. Decorative material. 2,019,951; Nov. 5.
- Caps, Arthur W., and P. Landrock, Rochester, N. Y., assignors to Photostat Corporation, Providence, R. I. Camera. 2,001,596; May 14.
- Caps, Arthur W., and P. Landrock, Rochester, N. Y., assignors to Photostat Corporation, Providence, R. I. Camera. 2,001,597; May 14.
- Caps, Arthur W., and P. Landrock, Rochester, N. Y., assignors to Photostat Corporation, Providence, R. I. Photographic copy conveyor. 2,001,598; May 14.
- Capstaff, John F., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for copying motion picture films. 2,011,353; Aug. 13.
- Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion and making same. 1,991,136; Feb. 12.
- Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for copying motion picture films. 2,011,352; Aug. 13.
- Capstan Glass Company. (See Brown, Banks D., assignor.)
- Capstan Glass Company. (See McNamara, William L., assignor.)
- Capstan Glass Company. (See McNamara, W. L. and Piazzoli, Jr., assignors.)
- Caputo, James V., Girard, Ohio. Welding apparatus. 1,990,370; Feb. 5.
- Caputo, James V., Girard, Ohio. Current control system for electric welders. 1,996,902; Apr. 9.
- Caputo, James V., Girard, Ohio. Control system for electric welders. 2,018,646; Oct. 22.
- Caputo, James V., Crafton, Pa. Frequency control system for electric welders. 2,003,136; May 28.
- Caputo, James V., Crafton, Pa. Dynamo-electric machine. 2,005,609; June 18.
- Caputo, James V., Crafton, Pa. Electric welding. 2,006,912; July 2.
- Caputo, James V., Crafton, Pa. Apparatus for welding. 2,009,685; July 30.
- Caputo, James V., Crafton, Pa. Welding electrode. 2,009,873; July 30.
- Caputo, James V., Crafton, Pa. Direct current generator. 2,018,647; Oct. 22.
- Caputo, James V., Crafton, Pa. Welding electrode. 2,025,155; Dec. 24.
- Caradine Hat Company. (See Wittcoff, Edward, assignor.)
- Caraffol, Alexander, St. Louis, Mo. Dress. 2,017,750; Oct. 15.
- Carah, George H., Ironwood, Mich. Gas cap and signal. 2,019,393; Oct. 29.
- Carbide and Carbon Chemicals Corporation. (See Carruthers, Thomas F., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Cox, Henry L., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Cox, H. L., and Carruthers, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Cox, H. L., and Clapsadle, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Cox, H. L., and Greer, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Dana, L. I., and Georgi, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Davidson, J. G., and Schaefer, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Eversole, James F., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Fife, Harvey R., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Greer, Paul S., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Groff, Frazier, assignor.)
- Carbide and Carbon Chemicals Corporation. (See Johnston, Franklin, assignor.)
- Carbide and Carbon Chemicals Corporation. (See Law, George H., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Perkins, Granville A., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Ray, Arthur B., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Reed, Marion C., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Reid, Ernest W., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Robertson, Harold F., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Wickert, Jacob N., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Williams, Duncan B., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Young, C. O., and Douglas, assignors.)
- Carbo Plaster Limited. (See Case, Gerald O., assignor.)
- Carboloy Company Inc. (See Miller, Charles P., assignor.)
- Carbonara, Victor E. (See Koch, P. W., and Carbonara.)
- Carbonara, Victor E., assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Measuring instruments. 2,000,659; May 7.
- Carbonara, Victor E., Rockville Centre, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Signaling apparatus. 2,025,269; Dec. 24.
- Carbonaro, Gaetano, assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Horn. 2,022,367; Nov. 26.
- Carbonated Lime Processes Limited. (See Harrison, Arthur H., assignor.)
- Carboni, Ralph J., New Orleans, La. Combined advertising and display device. 2,003,244; May 28.
- Carbonic Development Corporation. (See Hasche, Rudolph L., assignor.)
- Carborundum Company, The. (See Ball, A. L., and Benner, assignors.)
- Carborundum Company, The. (See Baumann, H. N., Jr., and McMullen, assignors.)
- Carborundum Company, The. (See Benner, Raymond C., assignor.)
- Carborundum Company, The. (See Benner, R. C., Ball, and Houchins, assignors.)
- Carborundum Company, The. (See Benner, R. C., and Baumann, assignors.)
- Carborundum Company, The. (See Benner, R. C., and Easter, assignors.)
- Carborundum Company, The. (See Benner, R. C., Easter, and Boyer, assignors.)
- Carborundum Company, The. (See Benner, R. C., Easter, and Hawke, assignors.)
- Carborundum Company, The. (See Benner, R. C., Kirchner, and Melton, assignors.)
- Carborundum Company, The. (See Benner, R. C., and Porter, assignors.)
- Carborundum Company, The. (See Benner, R. C., Walker, and Soley, assignors.)
- Carborundum Company, The. (See Beverley, Reginald A., assignor.)
- Carborundum Company, The. (See Brown, William A., assignor.)
- Carborundum Company, The. (See Davis, George H., assignor.)
- Carborundum Company, The. (See Easter, George J., assignor.)
- Carborundum Company, The. (See Gelger, Charles F., assignor.)
- Carborundum Company, The. (See Johnson, Boyd M., assignor.)
- Carborundum Company, The. (See Kirchner, Henry P., assignor.)
- Carborundum Company, The. (See Kirchner, H. P., Benner and Melton, assignors.)
- Carborundum Company, The. (See Martin, Harry C., assignor.)
- Carborundum Company, The. (See Martin, H. C., and Upper, assignors.)
- Carborundum Company, The. (See McMullen, Charles, assignor.)

- Carborundum Company, The. (See Melton, Romie L., assignor.)
- Carborundum Company, The. (See Melton, R. L., Benner, and Kirchner, assignors.)
- Carborundum Company, The. (See Melton, R. L., and Fitzpatrick, assignors.)
- Carborundum Company, The. (See Nelson, C. S., and Sharpe, assignors.)
- Carborundum Company, The. (See Newcomb, Edward R., assignor.)
- Carborundum Company, The. (See Prey, Arthur H., assignor.)
- Carborundum Company, The. (See Thompson, Alfred P., assignor.)
- Carborundum Company, The. (See Tone, Frank J., assignor.)
- Carborundum Company, The. (See Vanier, Oliver, assignor.)
- Carborundum Company, The. (See Walker, Avery W., assignor.)
- Carborundum Company, The. (See Woodell, Charles E., assignor.)
- Carborundum Company, The. (See Woodell, C. E., Nelson and Lincoln, assignors.)
- Carburetted Gas, Inc. (See Nagel, Theodore, assignor.)
- Carcanagues, Paul, assignor to Compagnie Internationale des Wagons-Lits et des Grands Express Européens, Paris, France. Convertible equipment for compartments of sleeping cars and similar applications. 1,995,416; Mar. 26.
- Carcano, Battista, San Diego, Calif. Hose connection. 2,015,786; Oct. 1.
- Card, Frederic M. (See Ackerman, J. E., and Card.)
- Card, Frederic M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread-controlling device for sewing machines. 2,026,494; Dec. 31.
- Card, William C., Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Shoe press pad. 2,005,177; June 18.
- Card, William C., Jr., Waverly, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Sole affixing machine. 2,005,610; June 18.
- Card, William C., Jr., Waverly, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Valve device. 2,009,575; July 30.
- Cardarelli, Eugene J., Newark, N. J., assignor, by mesne assignments, to Standard Alcohol Company, Wilmington, Del. Preparation of ketones. 1,988,481; Jan. 22.
- Cardel Company, The. (See Dolan, D. J., and Higley, assignors.)
- Carden, John V., Piccadilly, Westminster, assignor to Vickers-Armstrongs, Limited, Westminster, England. Endless track vehicle. 2,019,654; Nov. 5.
- Carder, George L. (See Thrasher, E. E., and Carder.)
- Cardinal Products, Inc. (See Berthold, Richard E., assignor.)
- Cardinal Products, Inc. (See Schmitt, George P., assignor.)
- Cardozo, Frank, assignor to Standard Oil Company of California, San Francisco, Calif. Welding rod. 1,985,974; Jan. 1.
- Cardullo, Forrest E. (See Doran, J. E., Walter, and Cardullo.)
- Cardwell, Thomas, St. Louis, Mo. Journal box lubricator. 2,001,182; May 14.
- Cardwell, Thomas, St. Louis, Mo. Journal box lubricator. 2,023,991; Dec. 10.
- Cardwell-Westinghouse Company. (See Hall, Marchand B., assignor.)
- Cardwell-Westinghouse Company. (See Sproul, Donald R., assignor.)
- Carrell, Sam, assignor to M. Andreucci, Florence, S. C. Heel protecting plate. 2,017,038; Oct. 15.
- Caretta, Ettore, Turin, Italy. Transmission gear for distant control or motion. 2,026,459; Dec. 31.
- Carew, Gerald A. P., East Croydon, assignor of one-half to C. W. de Roemer, London, England. Brake. 2,013,948; Sept. 10.
- Carey, Charles O., Miami, Fla. Device for restoring the lay to twisted textile lines. 2,003,245; May 28.
- Carey, Frank G., Brooklyn, N. Y. Display apparatus. 1,992,000; Feb. 19.
- Carey, Philip, Manufacturing Company, The. (See Ash, James W., assignor.)
- Carey, Philip, Manufacturing Company, The. (See Fischer, Albert C., assignor.)
- Carey, Philip, Manufacturing Company, The. (See Greider, H. W., and Smith, assignors.)
- Carey, Philip, Manufacturing Company, The. (See Jussen, Herbert C., assignor.)
- Carey-McFall Co. (See Rekauf, E., Jr., and Stuber, assignors.)
- Cargill, Eugene L., and J. A. Bastion, Dallas, Tex., assignors to The Texas Company, New York, N. Y. Heating apparatus. 2,000,376; May 7.
- Cargill, Maxwell F., Maywood, assignor to Edward Perlman, Chicago, Ill. Filter holder. 1,986,957; Jan. 8.
- Cargill, Norman V., and J. J. Medlock, Rochester, N. Y. Duplicating attachment for typewriters. 2,010,137; Aug. 6.
- Caridis, Marius, Los Angeles, Calif. Apparel. 2,008,783; July 23.
- Carington, Charles M., Kingston Hill, assignor to K. L. G. Sparking Plugs Limited, London, England. Wrench. 2,014,718; Sept. 17.
- Carissimi, Louis C. (See McPerson, R. H., and Carissimi.)
- Carlius, Karl, Dortmund, Germany, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Articles which must have a reduced tendency to rust. 2,013,600; Sept. 3.
- Carl, Byron E., New York, assignor of one-third to C. G. Campbell, Pelham, Manor, N. Y. Making of medicinal oil. 2,007,365; July 9.
- Carl, Fred E., Los Angeles, Calif. Incandescent lamp base lock. 1,991,920; Feb. 19.
- Carl, Gustav R., Chicago, Ill. Window. 2,017,652; Oct. 15.
- Carl Still Gesellschaft mit beschränkter Haftung. (See Petsch, Hermann, assignor.)
- Carlberg, Carl G., Omaha, Nebr. Bottle closure. 2,000,742; May 7.
- Carlberg, John, assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Liquid fuel burner. 2,022,879; Dec. 3.
- Carle, William T., assignor to R. G. Fulcher, Chicago, Ill. Starter mechanism. 1,995,765; Mar. 26.
- Carle, William T., assignor to R. F. Fulcher, Chicago, Ill. Starter mechanism. 2,013,645; Sept. 10.
- Carlet, Claude A., et al. (See Walters, Carroll V., assignor.)
- Carleton, Earl H., Cincinnati, Ohio. Fire kindler. 2,007,292; July 9.
- Carleton, Paul W. (See Calcott, W. S., Carleton, and Stryker.)
- Carleton, Paul W., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aminic acids and preparing them. 1,991,787; Feb. 19.
- Carleton, Paul W., Penns Grove, and J. D. Woodward, Salem, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkylation of aromatic amines. 1,994,851; Mar. 19.
- Carleton, Paul W., Penns Grove, and J. D. Woodward, Salem, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. N-alkylating aromatic amines of the benzene and naphthalene series. 1,994,852; Mar. 19.
- Carleton, Ralph D., Snyder, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Tail wheel fairing. 2,010,945; Aug. 13.
- Carleton, Robert A., New Rochelle, assignor to National Electric Heating Co. Inc., New York, N. Y. Method and apparatus for bodying liquids. 1,998,073; Apr. 16.
- Carleton, Robert A., Brooklyn, assignor to National Electric Heating Company, Inc., New York, N. Y. Electric fluid heater. 2,004,976; June 18.
- Carlile, Frank S., Abington, Pa. Terminal attachment. 1,997,963; Apr. 16.
- Carlile & Doughty, Incorporated. (See Carlile, Frank S., assignor.)
- Carlile & Doughty, Incorporated. (See Doughty, Leon A., assignor.)
- Carlile, Frank S., Abington, Pa., assignor to Carlile & Doughty, Incorporated, Battery. 2,021,288; Nov. 19.
- Carlin, Ray G. (See Phillips, R. S., and Carlin.)
- Carlisle, Charles J. (See Culver, B. W. and Carlisle.)
- Carlisle Lumber Company. (See Goss, Oliver P. M. and W. C., assignors.)
- Carlisle, Paul J., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Stabilization of halogenated hydrocarbons. 1,996,717; Apr. 2.
- Carlisle, Paul J., and C. R. Harris, Niagara Falls, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Stabilization of halogenated hydrocarbons. 2,008,680; July 23.
- Carlisle, Richard W. (See Landon, V. D., and Carlisle.)
- Carlisle, Richard W., Audubon, N. J., assignor to Radio Corporation of America. Acoustic apparatus. 2,007,750; July 9.
- Carliss, Albert E., Floral Park, assignor to Acme Air Appliance Company, Inc., Brooklyn, N. Y. Fluid pressure gauge. 1,998,420; Apr. 16.
- Carliotti, Charles F., Brussels, Belgium. Windscreen. 2,003,106; May 28.
- Carliotti, Charles J., New York, N. Y. Hanger. 1,988,187; Jan. 15.
- Carlson, Leonard O., assignor to Gleason Works, Rochester, N. Y. Machine for producing gears. 2,000,215; May 7.
- Carlson, Andrew J., Beresford, S. Dak. Pivoted letter box door. 2,018,544; Oct. 22.
- Carlson, Anthony E., Los Angeles, Calif. Rock drilling core bit. 1,996,322; Apr. 2.
- Carlson, Axel A. J., Chicago, Ill. Combination lock. 2,011,268; Aug. 13.
- Carlson, Axel A. J., Chicago, Ill. Combination lock. 2,011,269; Aug. 13.
- Carlson, Axel S., New York, assignor of one-half to C. L. Blue, Brooklyn, N. Y. Hinge clamp safety razor holder. 2,008,681; July 23.
- Carlson, Axel S., assignor of one-half to C. L. Blue, Brooklyn, N. Y. Safety razor holder. 2,024,626; Dec. 17.
- Carlson, Bert G. (See Sperry, E. A., Jr., Carlson, and Bates.)
- Carlson, Bert G., Queens Village, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Pressure regulating means for aircraft instruments. 1,987,666; Jan. 15.

- Carlson, Carl T., assignor to Erie City Iron Works, Erie, Pa. Heater. 2,001,663; May 14.
- Carlson, Carl T., assignor to Erie City Iron Works, Erie, Pa. Boiler. 2,009,160; July 23.
- Carlson, Charles H. (See Pierson, R. N., and Carlson.)
- Carlson, Clarence O., East Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Tool for applying fastener elements. 1,986,711; Jan. 1.
- Carlson, Clarence O., East Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Tool. 2,017,039; Oct. 15.
- Carlson, David A. (See Levene, A. H., and Carlson.)
- Carlson, Ellsworth E., Hornell, assignor to Van Raalte Company, New York, N. Y. Runproof or run-resistant knitted fabric and knitting same. 1,989,913; Feb. 5.
- Carlson, Ellsworth E., Hornell, assignor to Van Raalte Company, New York, N. Y. Mechanical method for knitting runproof or run-resistant full fashioned or flat knit hosiery. 2,011,267; Aug. 13.
- Carlson, Ellsworth E., Saratoga Springs, assignor to Van Raalte Company, New York, N. Y. Knitting nonrun shaped hosiery blanks. 2,014,126; Sept. 10.
- Carlson, Elmer E., Woodstock, Ill. Knee rest. 1,986,555; Jan. 1.
- Carlson, Elof L., assignor to The E. Ingraham Company, Bristol, Conn. Alternating current motor and the like. 2,001,772; May 21.
- Carlson, Elof L., assignor to The E. Ingraham Company, Bristol, Conn. Alarm clock. 2,006,758; July 2.
- Carlson, Elof L., assignor to The E. Ingraham Company, Bristol, Conn. Stem-winding-and-setting timepiece. 2,010,218; Aug. 6.
- Carlson, Elof L., and A. B. Poole, assignors to The E. Ingraham Company, Bristol, Conn. Current interruption indicator for electric clocks, etc. 1,995,497; Mar. 26.
- Carlson, Elof L., and A. B. Poole, assignors to The E. Ingraham Company, Bristol, Conn. Modulated striking mechanism for electric alarm clocks. 2,008,745; July 23.
- Carlson, Frank P., Astoria, N. Y. Coating device. 2,001,091; May 14.
- Carlson, Frederick O., Shelburne Falls, Mass. Ruler tape. 1,988,428; Jan. 15.
- Carlson, Frederick O., Shelburne Falls, Mass. Ruler tape. 2,014,375; Sept. 17.
- Carlson, Frederick O., assignor to Master Rule Manufacturing Co. Inc., New York, N. Y. Housing and brake for steel rules. 2,016,483; Oct. 8.
- Carlson, George. (See Knoderer, H. G., and Carlson.)
- Carlson, George, Bridgeport, Conn., assignor to General Electric Company. Weatherproof armored cable. 2,003,991; June 4.
- Carlson, George, Bridgeport, and H. G. Knoderer, Fairfield, Conn., assignors to General Electric Company. Electric cable. 2,003,990; June 4.
- Carlson, George W., Monson, assignor to C. F. Church Mfg. Co., Holyoke, Mass. Toilet seat. 2,018,704; Oct. 29.
- Carlson, Gunard O., Chester, Pa. Acid handling equipment and producing the same. 2,007,954; July 16.
- Carlson, Gustaf, Sayville, Long Island, N. Y. Lettering guide. 2,016,985; Oct. 8.
- Carlson, Gustav A. (See Hedblom, Lars O., assignor.)
- Carlson, Gustav A., assignor to The Boye Needle Company, Chicago, Ill. Doorcheck. 1,996,537; Apr. 2.
- Carlson, Gustave A., Detroit, Mich. Grinding machine. 2,000,216; May 7.
- Carlson, Gustav A., Chicago, Ill. Card-holding device. 2,021,682; Nov. 19.
- Carlson, Gustav A., assignor to The Boye Needle Company, Chicago, Ill. Crochet hook. 2,024,794; Dec. 17.
- Carlson, Hjalmar E., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Automatic tobacco feed for cigar machines. 2,016,167; Oct. 1.
- Carlson, James E., Galveston, Tex. Generator. 2,016,883; Oct. 1.
- Carlson, Johan A., assignor to L. F. Pratt, Ashland, Mass. Printing machine. 2,001,520; May 14.
- Carlson, John W., assignor to Hedman Manufacturing Company, Chicago, Ill. Check writer. 1,995,022; Mar. 19.
- Carlson, Julius. (See Hart, S., and Carlson.)
- Carlson, Martin, Chicago, Ill. Web cutting and scoring device. 1,998,357; Apr. 16.
- Carlson, Nels O. (See Polson, O., Walters, Carlson, Ekholm, Norén, and Anderson.)
- Carlson, Nelson A., assignor to Erie Meter Systems, Inc., Erie, Pa. Liquid dispensing apparatus. 2,021,850; Nov. 19.
- Carlson, Oscar, assignor to Dolan & Bullock, Providence, R. I. Ornamental tie holder. 1,987,503; Jan. 8.
- Carlson, Oscar A., West Lawn, assignor to D. P. Harris Manufacturing Co., Reading, Pa. Lamp support for bicycles. 2,010,053; Aug. 6.
- Carlson, Oscar F., Chicago, Ill. Boiler feed control. 1,997,785; Apr. 16.
- Carlson, Oscar F., assignor of one-half to Oscar F. Carlson Company, and one-half to Everett N. McDonnell, Chicago, Ill. Float. 2,009,648; July 30.
- Carlson, Oscar F., assignor to Oscar F. Carlson Company, Chicago, Ill. Level control valve. 2,009,649; July 30.
- Carlson, Oscar F., Company. (See Carlson, Oscar F., assignor.)
- Carlson, Oscar F., Company et al. (See Carlson, Oscar F., assignor.)
- Carlson, Oscar F., assignor to Deere & Company, Moline, Ill. Tractor pushed implement. 2,015,708; Oct. 1.
- Carlson, Oscar J., Minneapolis, Minn., assignor to Theodore Hegdahl, Denver, Colo. Combination lock. 1,987,925; Jan. 15.
- Carlson, Raymond A., assignor, by mesne assignments, to Rockford Drilling Machine Co., Rockford, Ill. Automatic feed control mechanism. 1,994,463; Mar. 19.
- Carlson, Raymond A., assignor to Borg-Warner Corporation, Chicago, Ill. Spindle unit for multiple spindle machines. 2,017,327; Oct. 15.
- Carlson, Stephen, Vancouver, British Columbia, Canada. Mariner's parallel ruler. 2,008,386; July 16.
- Carlson, Wendell L., Haddonfield, and V. D. Landon, Collingswood, N. J., assignors to Radio Corporation of America. Radio receiving system. 2,024,816; Dec. 17.
- Carlson, Vernon E., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,991,975; Feb. 19.
- Carlson, Wendell L., Haddonfield, N. J., assignor to General Electric Company. Automatic volume control circuits. 1,985,914; Jan. 1.
- Carlson, William G., Providence, R. I. Trousers hanger. 1,994,808; Mar. 19.
- Carlsson, Richard E., Stockholm, Sweden. Bracket arrangement for shelves or the like. 2,000,124; May 7.
- Carlstein, Daniel, assignor to Economic Machinery Company, Worcester, Mass. Dating device for labeling machines. 2,022,310; Nov. 26.
- Carlstrom, John. (See Winterson, F. J., Dudley, and Carlstrom.)
- Carlstrom, John, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Lining for vessels. 1,992,470; Feb. 26.
- Carlstrom, Knut S., Watertown, Mass. Self-closing valve for collapsible tubes, bottles, and the like. 2,014,881; Sept. 17.
- Carlston, Henry F., Daly City, Calif. Pincushion advertising device. 2,002,766; May 28.
- Carlton, Henry T. (See Marsh, Howard E., Jr., assignor.)
- Carlton, Jack C., assignor to The Carlton Machine Tool Company, Cincinnati, Ohio. Clamping mechanism for radial drills. 2,002,446; May 21.
- Carlton, Jack C., assignor to The Carlton Machine Tool Company, Cincinnati, Ohio. Column clamp for radial drills. 2,002,469; May 21.
- Carlton Machine Tool Company, The. (See Carlton, Jack C., assignor.)
- Carman, Herbert L., Arlington, N. J. Fountain pen. 2,003,479; June 4.
- Carman, Joseph L. (See Brusse, A. B., and Carman.)
- Carmichael, Herbert McK., C. C. Johnson, and S. I. Hankins, Knoxville, Tenn., assignors to Union Special Machine Company, Chicago, Ill. Binding the edges of knitted fabrics. 2,011,512; Aug. 13.
- Carmichael, Herbert McK., C. C. Johnson, and S. I. Hankins, Nashville, Tenn., assignors, by mesne assignments, to Union Special Machine Company, Chicago, Ill. Apparatus for binding the edges of knitted fabrics. 2,011,513; Aug. 13.
- Carmichael, Ralph W., Los Angeles, Calif. Golfer's club swing perfecter. 2,008,944; July 23.
- Carmichael, William A. (See Driessens, J. C., and Carmichael.)
- Carmody, Stephen J., Bellingham, Wash. Dual valve control mechanism. 2,025,440; Dec. 24.
- Carnegie Steel Company. (See Hill, William W., assignor.)
- Carnes Artificial Limb Company. (See Carnes, William T., assignor.)
- Carnes, William T., assignor to Carnes Artificial Limb Company, Kansas City, Mo. Automatic phonograph. 2,007,638; July 9.
- Carnes, William T., assignor to Carnes Artificial Limb Company, Kansas City, Mo. Automatic phonograph. 2,007,639; July 9.
- Carnes, William T., assignor to Carnes Artificial Limb Company, Kansas City, Mo. Artificial leg. 2,008,897; July 23.
- Carney, Arthur T., Blairsville, Pa., assignor of one-third to R. E. Miles, Jr., Wilkinsburg, Pa. Visible automatic annunciator. 1,999,803; Apr. 30.
- Carney, Bernard R., East Chicago, and R. H. Crosby, Hammond, Ind., assignors to Shell Development Company, San Francisco, Calif. Treating mineral oils. 2,026,213; Dec. 31.
- Carney, Clifford R., Miami, Fla. Combined amusement and vending machine. 2,007,325; July 9.
- Carney, Ezra H. (See Talbot, B. B., Dawson, Carney, and Ratcliff.)
- Carney Raymond. (See Keller, R., and Carney.)
- Carney, Samuel C., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Fractionating process and apparatus. 2,005,932; June 25.
- Carney, Samuel C., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Rectification process and apparatus. 2,026,019; Dec. 31.
- Carnie, Alexander H., Pawtucket, R. I. Cop holder. 2,024,964; Dec. 17.
- Carniol, John J., Stapleton, N. Y. Amusement device, representing a bucking broncho. 1,991,011; Feb. 12.
- Caro, Martin, Brussels, Belgium. Ball for playing games. 2,012,376; Aug. 27.

- Caro, Nikodem, and A. R. Frank, Berlin, and R. Wendlandt and T. Fischer, Piesteritz, near Wittenberg, Germany. Production of nitric acid and liquid nitrogen tetroxide. 1,989,267; Jan. 29.
- Caro, Nikodem, Berlin-Dahlem, A. R. Frank, Berlin-Halensee, and H. H. Franck, Berlin-Charlottenburg, Germany. Preparing alkaline earth cyanamides. 1,992,289; Feb. 26.
- Caro, Nikodem, Berlin-Dahlem, A. R. Frank, Berlin-Halensee, and H. H. Franck, Berlin-Charlottenburg, Germany. Production of calcium carbamate. 2,002,656; May 28.
- Caro, Nikodem, A. R. Frank, Berlin, R. Wendlandt and T. Fischer, Piesteritz near Wittenberg, Germany. Carrying through gas reactions. 2,018,249; Oct. 22.
- Caron, Ludger J., Leominster, assignor to The Alaska Freezer Co. Inc., Winchendon, Mass. Igniter for domestic oil burner. 2,008,320; July 16.
- Carothers, Wallace H., assignor to E. I. du Pont de Nemours Company, Wilmington, Del. Alkylene carbonate and making it. 1,995,291; Mar. 26.
- Carothers, Wallace H., Fairville, Pa., and G. J. Berchet, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dichlorobutadiene and preparing same. 1,998,442; Apr. 23.
- Carothers, Wallace H., Fairville, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lead phenolate and making same. 2,008,003; July 16.
- Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkylene ester of polybasic acids. 2,012,267; Aug. 27.
- Carothers, Wallace H., Fairville, Pa., and R. A. Jacobson, Ardentown, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Alcohol addition products of unsaturated compounds and producing same. 2,013,725; Sept. 10.
- Carothers, Wallace H., Arden, G. J. Berchet, Wilmington, and R. A. Jacobson, Arden, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Laminated article. 2,019,118; Oct. 29.
- Carothers, Wallace H., Fairville, Pa., and J. W. Hill, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cyclic ester. 2,020,298; Nov. 12.
- Carp, Johan R., et al. (See Hamel, Wilhelm, assignor.)
- Carp, Johan R., et al. (See Ingvaldsen, J. F. I., and Levring, assignors.)
- Carpenter, Arley D., and J. L. Thach, assignors of one-fourth to A. Wecker, Los Angeles, Calif. Trailer connection. 1,993,591; Mar. 5.
- Carpenter, Arley D., and E. Krug, Los Angeles, Calif. Trailer construction. 2,021,886; Nov. 26.
- Carpenter, Arthur W., and M. G. Ricker, New York, assignors to United Research Corporation, Long Island City, N. Y. Optical printer. 1,993,085; Mar. 5.
- Carpenter, Arthur W., assignor to United Research Corporation, New York, N. Y. Light-sensitive cell. 2,001,672; May 14.
- Carpenter Automatic Electric Systems Company. (See Carpenter, Howard F., assignor.)
- Carpenter, Charles E., Chicago, Ill. Doughnut cooking machine. 1,991,492; Feb. 19.
- Carpenter, Charles E., Chicago, Ill. Doughnut machine and the like. 2,005,178; June 18.
- Carpenter, Charles E., and D. B. Scoville, Crystal Lake, Ill.; said Scoville, assignor to said Carpenter. Doughnut machine. 2,024,428; Dec. 17.
- Carpenter, Claude H., and C. M. Derby, Frewsburg, N. Y. Milk testing device. 2,000,579; May 7.
- Carpenter, Charles R. (See Harper, E., and Carpenter.)
- Carpenter, Clyde H., Los Angeles, Calif. Roaster. 2,010,915; Aug. 13.
- Carpenter, Daniel A., New York, N. Y. Elastic coupling. 2,000,217; May 7.
- Carpenter, Frank W., Minneapolis, assignor of one-half to M. H. Graham, St. Louis Park, Minn. Electrical flatiron. 2,019,293; Oct. 29.
- Carpenter, Geo. B., & Co. (See Leffert, Charles B., assignor.)
- Carpenter, Gilbert B., Bellemoor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of formic acid. 1,991,732; Feb. 19.
- Carpenter, Gilbert B., Bellemoor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. The production of carboxylic acids. 2,008,338; July 16.
- Carpenter, Gilbert B., Bellemoor, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of carboxylic acids. 2,013,338; Sept. 3.
- Carpenter, Gilbert B., Wilmington, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of organic compounds. 2,015,035; Sept. 24.
- Carpenter, Gilbert B., Wilmington, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic acids. 2,021,127; Nov. 19.
- Carpenter, Gilbert B., Bellemoor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of formic acid. 2,023,003; Dec. 3.
- Carpenter-Hiatt Sales Company. (See Graham, George H., assignor.)
- Carpenter-Hiatt Sales Company. (See Hiatt, Enos B., assignor.)
- Carpenter-Hiatt Sales Company, The. (See Moone, Albert D. F., assignor.)
- Carpenter, Howard F., assignor to Carpenter Automatic Electric Systems Company, Inc., White Plains, N. Y. Electric generating system. 1,998,443; Apr. 23.
- Carpenter, Howard H., Pasadena, Calif. Gas compressor. 1,994,450; Mar. 12.
- Carpenter, James W., assignor to The McKay Company, Pittsburgh, Pa. Chair. 2,002,765; May 28.
- Carpenter, L. E., & Co. (See Zimmerman, Erich K., assignor.)
- Carpenter, Lee B., and W. I. Barnes, assignors to The Carpenter Shoe Company, Inc., Rochester, N. Y. Making soft soled shoes. 1,989,969; Feb. 5.
- Carpenter, Lee B., and W. I. Barnes, assignors to The Carpenter Shoe Company, Inc., Rochester, N. Y. Shoe. 1,989,970; Feb. 5.
- Carpenter, Marion S., Nutley, N. J., assignor to Givaudan-Delawanna, Inc., New York, N. Y. Producing aromatic alcohols. 2,013,710; Sept. 10.
- Carpenter, Oliver K., New Cumberland, W. Va., assignor to the Duraloy Company, Pittsburgh, Pa. Furnace conveyor shaft. 2,024,024; Dec. 10.
- Carpenter, Paul, Chicago, Ill. Lubricated plug valve. 1,992,738; Feb. 26.
- Carpenter, Paul, Chicago, Ill. Camera. 2,011,567; Aug. 20.
- Carpenter, Purva V., Dallas, N. C. Automatically aerated minnow bucket. 2,007,326; July 9.
- Carpenter, Rupert E. H., Purley, England. Electron discharge amplifier. 1,999,318; Apr. 30.
- Carpenter Shoe Company, The. (See Carpenter, L. B., and Barnes, assignors.)
- Carpenter Steel Company, The. (See Palmer, Frank R., assignor.)
- Carpenter, Walter E., Belmar, assignor to McCabe Maier Corporation, Newark, N. J. Heat insulating container and material. 1,993,730; Mar. 12.
- Carpenter, Walter E., Belmar, N. J., assignor to McCabe Maier Corporation, Brooklyn, N. Y. Refrigerating apparatus and method. 2,002,309; May 21.
- Carpenter, Walter E., Belmar, assignor to The Dickinson Company, Newark, N. J. Refrigerated storage cabinet. 2,022,489; Nov. 26.
- Carpenter, Warren W., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,004,599; June 11.
- Carpenter, Warren W., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone exchange system. 2,006,438; July 2.
- Carpenter, Warren W., Garden City, and E. H. Clark, Forest Hills, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,991,193; Feb. 12.
- Carpenter, Webster I., Norfolk, Va. Multifrequency tuning system. 1,988,444; Jan. 22.
- Carpenter, Webster I., Norfolk, Va. Apparatus for producing mold and sprue openings. 1,992,120; Feb. 19.
- Carpenter, Webster I., Norfolk, Va. Multifrequency tuning system. 2,025,645; Dec. 24.
- Carpenter, William R. (See Bauer, O. F., and Carpenter.)
- Carpinello, Michael J., New York, N. Y. Liquid sampling device. 2,004,568; June 11.
- Carr, Aloysius J. (See Linder, Edwin L., assignor.)
- Carr, Aloysius J., Carthage, Ind. Combination ventilating system and flue cooling system. 1,994,809; Mar. 19.
- Carr, Charles W., Lancaster, N. H. Window fastener. 2,003,246; May 28.
- Carr, Frank P., assignor to Peoples Drug Stores, Inc., Washington, D. C. Combined bottle closure and eyecup. 2,019,071; Oct. 29.
- Carr, George H. (See Morse, A. J., and Carr.)
- Carr, James A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Dynamometer. 2,002,977; May 28.
- Carr, James I. (See Dahlen, M. A., and Carr.)
- Carr, James I., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of diaryl sulphones. 2,000,061; May 7.
- Carr, James I., and M. A. Dahlen, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of resorcinol and mixtures thereof with phenol. 1,999,955; Apr. 30.
- Carr, James L., M. A. Dahlen and E. F. Hitch, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of phenol. 2,007,327; July 9.
- Carr, Kenneth W. (See Johnson, C. N., and Carr.)
- Carr-Lowrey Glass Co. (See Beck, Norman R., assignor.)
- Carr-Lowrey Glass Co. (See Garwood, Charles B., assignor.)
- Carr-Lowrey Glass Co. (See Hilgenberg, Carl G., assignor.)
- Carr-Lowrey Glass Company. (See Hilgenberg, C. G., and Garwood, assignors.)
- Carr, Moses F., Lincoln, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener member. 1,995,632; Mar. 26.
- Carr, Moses F., Lincoln, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Separable snap fastener installation. 1,999,990; Apr. 30.
- Carr, Moses F., Lincoln, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Separable snap fastener socket. 2,010,506; Aug. 6.
- Carr, Moses F., Lincoln, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Separable snap fastener socket and installation thereof. 2,015,049; Sept. 17.
- Carr, Moses F., Lincoln, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Separable snap fastener. 2,018,635; Oct. 22.

- Carr, Raymond L., Boston, Mass. Convertible body. 2,015,547; Sept. 24.
- Carr, Richard H., and H. C. Humphrey, assignors to The Pure Oil Company, Chicago, Ill. Balanced pressure method for introducing acid reagents into oil wells. 2,018,199; Oct. 22.
- Carr, Robert A., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive. 2,013,682; Sept. 10.
- Carragher, Hugh J., and D. A. Grenon, assignors to Powderell & Alexander, Inc., Danielson, Conn. Figured fabric. 1,992,604; Feb. 26.
- Carrier Engineering Corporation. (See Arf, Herman R., assignor.)
- Carrier Engineering Corporation. (See Ashley, Carlyle M., assignor.)
- Carrier Engineering Corporation. (See Barthel, Hans, assignor.)
- Carrier Engineering Corporation. (See Carrier, Willis H., assignor.)
- Carrier Engineering Corporation. (See Hillen, W. G., and Bailey, assignors.)
- Carrier, George B., Hudson, assignor to Firestone Footwear Company, Boston, Mass. Sport shoe. 1,988,784; Jan. 22.
- Carrier, John D., Mount Morris Mich. Interchangeable leader pin for die sets. 2,013,488; Sept. 3.
- Carrier, Milton L., Centralia, Wash. Hose carriage. 2,016,625; Oct. 8.
- Carrier, Willis H., Elizabeth, assignor to Carrier Engineering Corporation, Newark, N. J. Shell and tube evaporator. 2,012,183; Aug. 20.
- Carrillo, Leopoldo A., Big Wells, Tex. Machine gun. 2,004,925; June 18.
- Carrington, Cabell, South Pasadena, assignor to E. P. Carrington, Pasadena, Calif. Fuel engine. 2,011,033; Aug. 13.
- Carrington, Ellen P. (See Carrington, Cabell, assignor.)
- Carrington, Frank G., Anniston, Ala., assignor to Centrifugal Pipe Corporation, Jersey City, N. J. Centrifugal casting. 1,992,739; Feb. 26.
- Carrington, Frederick D., South Croydon, England. Foot stool and the like. 2,017,433; Oct. 15.
- Carm, Eva M., New York, N. Y. Display apparatus. 1,998,490; Apr. 23.
- Carroll, Charles E., Los Angeles, Calif., assignor to American Bitumuls Company, San Francisco, Calif. Preparing paving mixtures. 2,012,496; Aug. 27.
- Carroll, Charles J. (See Faber, L. De R., and Carroll.)
- Carroll, Elbert H., West Boylston, Mass. Container for wrenches and the like. 2,025,156; Dec. 24.
- Carroll, Ellsworth W., San Francisco, Calif. Machine and method for forming protuberances on sheet metal. 1,994,034; Mar. 12.
- Carroll, Eugene G., Los Angeles, Calif., assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind. Hydraulic brake apparatus. 2,003,247; May 28.
- Carroll, Eugene G., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,009,104; July 23.
- Carroll, Eugene G., assignor to Bendix Aviation Corporation, South Bend, Ind. Hydraulic brake. 2,009,105; July 23.
- Carroll, Eugene G., assignor to Bendix Aviation Corporation, South Bend, Ind. Hydraulic brake. 2,009,433; July 30.
- Carroll, Eugene G., Los Angeles, Calif., assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind. Hydraulic brake apparatus for heavy vehicles. 2,018,912; Oct. 29.
- Carroll, Fred M., Yonkers, N. Y., assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Weighing scale. 1,993,592; Mar. 5.
- Carroll, Fred M., Yonkers, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,000,218; May 7.
- Carroll, Fred M., Yonkers, N. Y., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,019,891; Nov. 5.
- Carroll, James H., Atlanta, Ga. Self-service store with revolvable shelves. 2,005,286; June 18.
- Carroll, John D., Binghamton, N. Y., assignor to Ellen E. Harrison, Hallstead, Pa. Rotary internal combustion engine. 1,986,556; Jan. 1.
- Carroll, John R., Urbana, Ill. Rigging instrument. 2,016,275; Oct. 8.
- Carroll, Leigh C., and C. W. Lovelace, Kansas City, Mo.; said Carroll assignor to said Lovelace. Carbonator and cooler. 1,987,323; Jan. 8.
- Carroll, Monroe W., assignor of one-sixteenth to W. M. Carroll, Beaumont, Tex. Slush pump. 2,023,405; Dec. 10.
- Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose organic ester composition containing an ether of diethylene glycol monoacetate. 2,008,976; July 23.
- Carroll, Stewart J., and H. B. Smith, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulosic composition of matter containing a carbamate. 2,019,892; Nov. 5.
- Carroll, Thomas F., assignor of one-half to M. C. Greenwald, New York, N. Y. Heating system. 2,024,508; Dec. 17.
- Carroll, Thomas P. (See Augustine, C., and Carroll.)
- Carroll, Willard R., New Haven, assignor to Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Rod mill. 2,023,913; Dec. 10.
- Carroll, William J., West Hempstead, Long Island, assignor to Sylgab Steel & Wire Corporation, Long Island City, N. Y. Soffit clip. 1,993,358; Mar. 5.
- Carroll, William M. (See Carroll, Monroe W., assignor.)
- Carroll, William M. (See Sedgebury, H. F., and Carroll.)
- Carrollton Metal Products Co., The. (See Pieferkorn, F. E., and Stevens, assignors.)
- Carrom Company, The. (See Beiger, John W., assignor.)
- Carrom Company, The. (See Boenning, William M., assignor.)
- Carrozza, Theodore, New York, N. Y. Partition structure. 1,993,593; Mar. 5.
- Carruth, Herman A., Hamden, Conn., assignor to Box Blank Corporation, New York, N. Y. Collapsible box or container. 1,996,097; Apr. 2.
- Carruthers, Eben H., Ithaca, assignor to United Furnace Engineering Company, Inc., New York, N. Y. Combustion of liquid fuels. 2,000,580; May 7.
- Carruthers, George, assignor to Interlake Tissue Mills Co. Limited, Toronto, Ontario, Canada. Vending machine for paper products. 2,007,035; July 2.
- Carruthers, George, and C. E. Ruddell, assignors to Interlake Tissue Mills Co. Limited, Toronto, Ontario, Canada. Paper folding machine. 1,985,975; Jan. 1.
- Carruthers, Thomas F. (See Cox, H. L., and Carruthers.)
- Carruthers, Thomas F., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Making acetyl benzoyl peroxide. 1,985,886; Jan. 1.
- Carruthers, Thomas F., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Esters of 2-butyloctanol. 2,014,310; Sept. 10.
- Carruthers, Thomas H., Glendale, assignor to The McDonald Printing Company, Cincinnati, Ohio. Collapsible display tray. 1,995,053; Mar. 19.
- Carry, Edward F., deceased, Chicago, Ill., M. D. Carry, executrix, assignor to Pullman-Standard Car Manufacturing Company. Cooling and ventilating system. 2,000,477; May 7.
- Carry, Mabel D., executrix. (See Carry, Edward F.)
- Carson, Amos H. (See Anderson, R. O., and Carson.)
- Carson, Charles B., assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 1,993,594; Mar. 5.
- Carson, Clifford C., Chicago, Ill. Vertical unit heater. 2,001,834; May 21.
- Carson, Lee L., Whittier, assignor of one-half to G. T. Dunn, San Diego, and one-half to L. M. Carson, San Diego, Calif. Valve. 2,021,351; Nov. 19.
- Carson, Lillie M., et al. (See Carson, Lee L., assignor.)
- Carson, Paul A., Mount Lebanon, Pa. Liquid dispensing apparatus. 1,989,738; Feb. 5.
- Carson Pirie Scott & Company. (See Gottstein, Lewis, assignor.)
- Carson, Robert W., Rochelle Park, N. J., assignor to Westinghouse Electric & Manufacturing Company. Grid glow micrometer. 2,005,887; June 25.
- Carson, William W., Jr., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Dry ice refrigerating system. 2,005,611; June 18.
- Carstens, Albert N., Park Ridge, assignor to C. R. Holton, Chicago, Ill. Wood veneered board or panel and making the same. 1,997,996; Apr. 16.
- Carswell, Firman L., and O. W. Schmidt, Kansas City, Mo. Trussed culvert. 1,999,500; Apr. 30.
- Carswell, Firman L., and O. W. Schmidt, Kansas City, Mo. Culvert structure. 2,010,293; Aug. 6.
- Carswell, Firman L., and O. W. Schmidt, Kansas City, Mo. Hot fluid gun. 2,021,955; Nov. 26.
- Carswell, Thomas S., Kirkwood, assignor to Monsanto Chemical Company, St. Louis, Mo. Resinous composition. 2,006,345; July 2.
- Carswell, Thomas S., and W. Gump, St. Louis, Mo., assignors, by mesne assignments, to Monsanto Chemical Company. Cellulose composition. 1,991,012; Feb. 12.
- Carswell, Thomas S., Kirkwood, and H. W. Faust, St. Louis, Mo., assignors, by mesne assignments, to Monsanto Chemical Company. Manufacture of substituted malonic acid esters. 1,998,307; Apr. 16.
- Cart, Theodore S., Princeton, assignor to Atlantic Products Corporation, Trenton, N. J. Hand bag. 2,024,758; Dec. 17.
- Carter, Andrew G., Grand Rapids, Mich. Elastic cushion mounting. 2,005,934; June 25.
- Carter Brothers, Incorporated. (See Russell, Julian G., assignor.)
- Carter Carburetor Corporation. (See Bicknell, George M., assignor.)
- Carter Carburetor Corporation. (See Ericson, George R., assignor.)
- Carter Carburetor Corporation. (See Moseley, James T., assignor.)
- Carter, Donald M. (See Bernard, David G., assignor.)
- Carter, Donald M. (See Rottum, Charles, assignor.)
- Carter, Edgar B., Highland Park, assignor to Abbott Laboratories, North Chicago, Ill. Detoxified pollen extract. 2,019,808; Nov. 5.
- Carter, Elsie M., Ilford, assignor to Yardley & Company Limited, London, England. Container for toilet and the like preparations. 2,005,933; June 25.
- Carter, Emmett F., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Wave transmission system. 2,014,520; Sept. 17.

- Carter, Emmett F., Flushing, N. Y., and H. F. Schwarz, Muskegon, Mich., assignors to United Research Corporation, Long Island City, N. Y. Volume control for radio circuits. 2,014,422; Sept. 17.
- Carter, Emmett F., Laurelton, N. Y., assignor to General Electric Company. Diversity reception system. 2,019,335; Oct. 29.
- Carter, Frederic E. (See Capillon, E. A., and Carter.)
- Carter, Frederick S., Cardiff, Wales. Steam trap, and apparatus for controlling or maintaining the supply of water or other fluid. 2,003,069; May 28.
- Carter, George M., Jackson, Mich. Wheelbarrow. 2,010,975; Aug. 13.
- Carter, Gilbert, Brooklyn, assignor to Royal Baking Powder Company, New York, N. Y. Method of and machine for closing flexible containers. 1,986,043; Jan. 1.
- Carter, H. W., & Sons. (See Desmond, Joseph E., assignor.)
- Carter, Herbert F., Roselle Park, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for treating moving matter. 2,002,690; May 28.
- Carter, I. C., et al. (See Nelson, Emil, Sr., assignor.)
- Carter, Ira C., et al. (See Broussard, Charles J., assignor.)
- Carter, James S. F., Passaic, assignor to The Clark Thread Company, Newark, N. J. Yarn treating apparatus. 2,010,688; Aug. 6.
- Carter, John D., Lansdowne, assignor to Philadelphia Quartz Company, Philadelphia, Pa. Ply-wood, laminated paper board, or similar composite article. 2,015,359; Sept. 24.
- Carter, Joseph L. (See Althouse, J. D., and Carter.)
- Carter, Leslie F., Leonia, N. J., assignor to Sperry Products, Inc., Brooklyn, N. Y. Gyroscopic compass. 2,011,436; Aug. 13.
- Carter, Lee H. (See Keocke, W., and Carter.)
- Carter, Leslie F., Leonia, N. J., and D. C. Dundon, Floral Park, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Directional gyroscope. 2,025,194; Dec. 24.
- Carter, Leslie F., Leonia, N. J., assignor to Sperry Products, Inc., Brooklyn, N. Y. Track recorder. 2,025,569; Dec. 24.
- Carter, Loran E., Merrimac, Mass. Brush and stubble cutter. 2,004,100; June 11.
- Carter, Nathan A., Memphis, Tenn. Vehicle wheel mounting. 1,995,375; Mar. 26.
- Carter, Nathan B., St. Michaels, Md. Hitching device for tractors, horses, etc. 1,996,611; Apr. 2.
- Carter, Otis E., assignor of one-third to E. L. English, Santa Monica, Calif. Holder for sadirons. 2,015,921; Oct. 1.
- Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna. 2,007,640; July 9.
- Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Transmission line circuit. 2,019,809; Nov. 5.
- Carter Products Corporation. (See Britton, Charles S., assignor.)
- Carter, Ralph H. (See Elssner, R., and Carter.)
- Carter, Ralph H. (See Grumney, S. D., and Carter.)
- Carter, Ralph H., Johnson City, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Doffing apparatus. 1,994,943; Mar. 19.
- Carter, Ralph H., Johnson City, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Spool rack. 2,015,548; Sept. 24.
- Carter, Ralph H., Johnson City, Tenn., assignor to North American Rayon Corporation. Winding apparatus. 2,022,338; Nov. 26.
- Carter, Randolph H., Warrenton, Va. Animal training device. 2,023,950; Dec. 10.
- Carter, Russell S. Hewlett, N. Y. Shock absorber. 2,018,051; Oct. 22.
- Carter, Willard K. (See McKinley, J. M., and Carter.)
- Carter, Willard K., and G. H. Duncombe, Jr., Columbus, Ohio, assignors to National Aluminate Corporation, Chicago, Ill. Fire-alay sewer-pipe body. 2,019,619; Nov. 5.
- Carter, William, Milwaukee, Wis. Hay-carrier. 1,996,456; Apr. 2.
- Carter, Winnie, Wallington, assignor of one-half to G. S. Moulton & Company, Limited, London, England. Bathing cap. 2,003,920; June 4.
- Carthew, John W., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Checking gauge. 1,994,190; Mar. 12.
- Cartledge, John J., Guelph, assignor of one-half to H. S. Jones, London, Ontario, Canada. Arch and ankle support. 2,010,749; Aug. 6.
- Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 1,997,247; Apr. 9.
- Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,002,199; May 21.
- Cartledge, Frank, assignor to Goodman Engineering Company, Chicago, Ill. Gathering or pick-up conveyor. 2,014,079; Sept. 10.
- Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,008,817; July 23.
- Cartmill, Loyd E., San Francisco, Calif., assignor to Johns-Manville Corporation, New York, N. Y. Refrigerator car. 2,023,406; Dec. 13.
- Cartner, Thomas O., Detroit, Mich. Head lamp for motor vehicles. 1,990,115; Feb. 5.
- Carton Development Corporation. (See Dart, Robert H., assignor.)
- Cartoning Machinery Corporation. (See Evans, H. L., and Hobi, assignors.)
- Cartter, William G., Monrovia, Calif. Flue. 1,991,788; Feb. 19.
- Cartwright, Frank P., Chevy Chase, Md. Fabricated structure and elements thereof. 2,003,738; June 4.
- Carus Chemical Company. (See Schumacher, Joseph, assignor.)
- Carus Chemical Co., Inc. (See Kleinmenhagen, Karl C., assignor.)
- Caruso, Elio R., Hartford, Conn. Hat support. 1,995,961; Mar. 26.
- Caruso, Mario, Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Toy locomotive. 1,994,064; Mar. 12.
- Caruso, Mary H., Woodside, N. Y. Photographic film and a laminated protective coating therefor. 2,008,435; July 16.
- Caruso, Michael A., and R. Lally, West Orange, and J. V. Roller, South Orange, N. J. Dispensing container. 1,998,862; Apr. 23.
- Caruthers, Abe, Jr., Nashville, Tenn. Safety device for sadirons. 2,005,695; June 18.
- Caruthers, Eugene W., Secane, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Track turn-out or the like. 1,996,718; Apr. 2.
- Caruthers, Eugene W., Secane, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Railway frog. 2,012,807; Aug. 27.
- Caruthers, Eugene W., Secane, Pa. Railway crossing or like track structure. 2,024,566; Dec. 17.
- Carvalho, Antonio M., Newark, N. J. Funnel. 1,992,187; Feb. 26.
- Carvalho, Leslie R. N., assignor to Closure Service Company, Toledo, Ohio. Bottle closure. 2,021,834; Nov. 19.
- Carver Cotton Gin Company. (See McLean, Robert W., assignor.)
- Carver, Emmett K., and C. L. A. Wynd, assignors to Eastman Kodak Company, Rochester, N. Y. Making cellulose nitrate sheeting including imbibition. 2,011,354; Aug. 13.
- Carver, Ralph L., and D. T. Robbins, Los Angeles, Calif. Conformer. 1,989,680; Feb. 5.
- Carvin, Edward O., Sierra City, Calif. Snow motor vehicle. 1,988,620; Jan. 22.
- Carvour, Speros, Jersey City, N. J. Window structure. 1,994,605; Mar. 19.
- Carwardine, George, Bath, assignor of one-half to Herbert Terry & Sons Limited, Redditch, England. Equipoining mechanism. 2,008,093; July 16.
- Cary, Samuel S., Jennings, La. Drafting instrument. 2,014,719; Sept. 17.
- Casablanca, Fernando. (See Casablanca, Fernando, Jr.)
- Casablanca, Fernando, Sabadell, Spain. Condensing or reducing device for textile rovings. 1,992,121; Feb. 19.
- Casablanca, Fernando, Sabadell, Spain. Apparatus for imparting pressure to the cylinders of the mechanisms for drawing textile rovings. 2,000,660; May 7.
- Casablanca, Fernando, Jr., assignor to Fernando Casablanca, Sabadell, Spain. Guiding device for the belts of the drawing mechanisms with endless belts. 1,989,347; Jan. 29.
- Casaburi, Vittorio, Naples, Italy. Producing fungicides and insecticides. 1,986,044; Jan. 1.
- Casagrande, Louis B., Wauwatosa, and P. H. Ronness, assignors to Clum Manufacturing Company, Milwaukee, Wis. Body massaging appliance. 2,011,471; Aug. 13.
- Case, Bernard C., and C. B. Schafer, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for use in the manufacture of laminated glass. 1,989,268; Jan. 29.
- Case, Byron A., Fort Wayne, Ind., assignor to General Electric Company. Regulation compensating arrangement. 1,986,622; Jan. 1.
- Case, Byron A., Fort Wayne, Ind., assignor to General Electric Company. Electric valve translating circuit. 2,001,567; May 14.
- Case, Charles Z., and C. R. Sanford, assignors to Eastman Kodak Company, Rochester, N. Y. Conveyor, particularly for use in continuous film processing machine. 1,991,137; Feb. 12.
- Case, Egerton R., Toronto, Ontario, Canada. Fluid-tight joint for pneumatic tires. 1,991,594; Feb. 19.
- Case, Francis M., assignor to The J. C. Ulmer Company, Cleveland, Ohio. Stapling machine. 1,996,640; Apr. 2.
- Case, Gerald O., Seven Oaks, assignor by mesne assignments to Carbo Plaster Limited, Westminster, England. Production of hydraulic cement. 2,004,463; June 11.
- Case, Gerald O., Seven Oaks, assignor, by mesne assignments, to Carbo Plaster Limited, Westminster, England. Plaster and the like. 2,016,986; Oct. 8.
- Case-Hoyt Corporation, The. (See Morris, Harvey F., assignor.)
- Case, J. I., Company. (See Cox, Henry G., assignor.)
- Case, J. I., Company. (See Geraldson, Gerald, assignor.)
- Case, J. I., Company. (See Heltshu, Daniel C., assignor.)
- Case, J. I., Company. (See Hendricks, Simeon B., assignor.)

- Case, J. I., Company. (See Huddle, Edwin F., assignor.)
Case, J. I. Company. (See MacGregor, Wallace F., assignor.)
Case, J. I., Company. (See MacGregor, W. F., and Krause, assignor.)
Case, J. I., Company. (See Rutter, Alvah E., assignor.)
Case, J. I., Company. (See White, Carl E., assignor.)
Case, John J., Bound Brook, assignor to John Waldron Corporation, New Brunswick, N. J. Apparatus for coating paper and the like with lacquers. 1,993,772; Mar. 12.
Case, John R., Bradford, Pa., and A. H. Pneuman, said Pneuman assignor to said Case. Combination knife and axe. 2,018,603; Oct. 22.
Case, Nelson P. (See Wheeler, H. A., and Case.)
Case, Nelson P., Bayside, N. Y., assignor to Hazeltine Corporation, Jersey City, N. J. Coupling system. 2,018,545; Oct. 22.
Case, Samuel L. (See Graham, H. W., and Case.)
Case, Theodore W., Auburn, N. Y. Source of light. 1,999,653; Apr. 30.
Caserta, Michele A., Detroit, Mich. Pressure control mechanism. 2,024,759; Dec. 17.
Casey, Cornelius. (See Schilling, A. B., and Casey.)
Casey, Edward A., Bayside, assignor to Anaconda Wire & Cable Company, New York, N. Y. Electric fittings. 1,997,627; Apr. 16.
Casey, Frank J., Albion, Nebr. Dandelion puller. 2,000,219; May 7.
Casey, Hugh J. (See Kingman, J. J., and Casey.)
Casey, Robert A., Struthers, Ohio. Light attachment for firearms. 2,017,585; Oct. 15.
Casey, Thomas W., assignor to Seiberling Latex Products Company, Akron, Ohio. Liquid receptacle support. 2,024,429; Dec. 17.
Casey, Thomas W., assignor to Seiberling Latex Products Company, Akron, Ohio. Hot water bottle. 2,024,430; Dec. 17.
Casey, William. (See Exley, Frederick, assignor.)
Cash, A. W., Company. (See Andrews, L. V., and Terry, assignors.)
Cash, A. W., Company. (See Temple, Paul C., assignor.)
Casler, Herman, Canastota, and C. P. Grimes, Syracuse, N. Y. Appliance for testing vehicle wheels. 2,006,788; July 2.
Casott, Bernard A., Lake Huntington, assignor of one-half to A. Volo, New York, N. Y. Knock-down table. 2,023,870; Dec. 10.
Caspe, Saul, Brooklyn, N. Y. Production of tertiary amines and products produced thereby. 1,993,542; Mar. 5.
Casper, Abraham. (See Rubin, H., Casper, and Rothman.)
Casper, Benjamin A., Minneapolis, Minn. Winding device. 1,987,141; Jan. 8.
Casper, Ervin J., San Francisco, Calif. Adjustable suspension device. 2,005,334; June 18.
Casper, Joseph. (See Southland, G. J., and Casper.)
Casper, Louis. (See Blumenthal, M., and Casper.)
Casper, William L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission network. 2,014,521; Sept. 17.
Casperson, Carl E., Tulsa, Okla. Rotary drill. 2,005,128; June 25.
Cass, Fred S., et al. (See Waltman, Burton B., assignor.)
Cassé, Marcel, Essonnes, France. Hat working machine. 2,006,260; June 25.
Cassedy, William F., Jr., Milburn, assignor to International Communications Laboratories, Inc., Newark, N. J. Remote control device. 1,989,739; Feb. 5.
Cassery, Thomas D., assignor to Weil-McLain Company, Michigan City, Ind. Boiler and water heater system. 1,988,263; Jan. 15.
Cassidy, Perry R. (See Bailey, E. G., Cassidy, and Hardgrove.)
Cassidy, Perry R. (See Bailey, E. G., Cassidy, Hardgrove, and Jacobus.)
Cassity, Isaac N., Topeka, Kans. Automatic feed for lens grinding and polishing compounds. 2,019,171; Oct. 29.
Castanien, Alfred, Columbus, Ohio. Commode. 2,023,514; Dec. 10.
Castle Research Laboratories, Inc. (See Strauss, Theodore O., assignor.)
Castellane, Charles, assignor to T. W. & C. B. Sheridan Company, New York, N. Y. Stamping attachment. 2,021,128; Nov. 19.
Castellani, Antoine, assignor of one-half to Societe D'Optique et de Mecanique de Haute Precision, Paris, France. Device combined with a rangefinder for facilitating the measurement of the ranges of moving objectives. 2,009,161; July 23.
Castelli, Cesare, Genoa, Italy. Climber for poles of hard material. 2,009,474; July 30.
Castelli, Emilio, Como, Italy. Yarn twisting device. 2,009,249; July 23.
Castelli, Emma. (See Warr, Harry E., assignor.)
Caster, Charles T., Orange, Calif. Motor driven hair cutter. 2,025,972; Dec. 31.
Caster, Eugene. (See Crook, F. M., and Caster.)
Caster, John E., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,010,347; Aug. 6.
Castle, John E., Windsor, Ontario, Canada. Internal combustion engine. 2,018,944; Oct. 29.
Castner, James B., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitration of aromatic hydrocarbons. 2,012,985; Sept. 3.
Castner, James B., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing a liquid explosive composition. 2,012,986; Sept. 3.
Castner, Nina C. (See Castner, Theron S., assignor.)
Castner, Theron S., assignor to N. C. Castner, Minneapolis, Minn. Tent cabin. 2,018,945; Oct. 29.
Casto, Lloyd V., Detroit, Mich. Method and apparatus for decorating surfaces. 2,023,463; Dec. 10.
Castonguay, Josephine A., administratrix. (See Castonguay, Leger S.)
Castonguay, Leger S., deceased, by J. A. Gastonguay, administratrix, Cuyahoga Falls, assignor to The Chemical Rubber Company, Cleveland, Ohio. Polishing machine. 1,996,903; Apr. 9.
Castor, John A. (See Sharpe, V. W., and Castor.)
Castro, Lizandro F., San Francisco, Calif. Variable pitch propeller. 1,990,814; Feb. 12.
Caswell, Arthur D., Anoka, Minn. Bullet stop. 1,992,001; Feb. 19.
Caswell, Arthur D., Anoka, Minn. Bullet stop. 2,013,133; Sept. 3.
Catalane, Albert, et al., executors. (See Berg, O., Inhoff, and Heiberg.)
Catalyst Research Corporation. (See Bennett, O. G., assignor and Frazer.)
Catalyst Research Corporation. (See Jackson, Carey B., assignor.)
Catarau, Jules, Seattle, Wash. Artificial bait. 1,993,990; Mar. 12.
Catarau, Jules, Seattle, Wash. Artificial bait. 2,004,308; June 11.
Catarau, Jules, Seattle, Wash. Artificial bait. 2,008,004; July 16.
Catarau, Jules, Seattle, Wash. Artificial bait. 2,010,976; Aug. 13.
Cate, Malcolm S., assignor to Hood Rubber Company, Inc., Watertown, Mass. Machine for operating upon articles assembled from adhesive materials. 2,005,888; June 25.
Cate, Paul E., assignor to The Fulton Siphon Company, Knoxville, Tenn. Machine for charging containers. 2,006,012; June 25.
Catella, Attila, Paris, France. Ratchet device for preventing the rearward motion of power driven vehicles. 2,006,261; June 25.
Catero, Thomas. (See Hooks, Robert P., assignor.)
Caterpillar Tractor Co. (See Best, Clarence L., assignor.)
Caterpillar Tractor Co. (See Braasch, A. D., Smith and Walton, assignors.)
Caterpillar Tractor Co. (See Eberhard, Harmon S., assignor.)
Caterpillar Tractor Co. (See Gedstad, Rudolph, assignor.)
Caterpillar Tractor Co. (See Grothe, Walter, assignor.)
Caterpillar Tractor Co. (See Gustafson, Carl A., assignor.)
Caterpillar Tractor Co. (See Hopkins, G. W. Jr., and Wickersham, assignors.)
Caterpillar Tractor Co. (See Mayo, R. E., and Davies, assignors.)
Caterpillar Tractor Co. (See Radford, William H., assignor.)
Caterpillar Tractor Co. (See Starr, Oscar L., assignor.)
Caterpillar Tractor Co. (See Thoen, Lowell H., assignor.)
Caterpillar Tractor Co. (See Wickersham, Elmer E., assignor.)
Caterpillar Tractor Co. (See Wold, Carl O., assignor.)
Cathcard, Harry E., Independence, Mo. Scriber. 1,993,132; Mar. 5.
Cather, Charles E., and H. W. Gordon, Worcester, assignors to United States Envelope Company, Springfield, Mass. Envelope or container. 1,997,856; Apr. 16.
Catheron, Allan R. (See Sylvester, J. S., and Catheron.)
Cathrill, Jack, San Francisco, Calif. Headlight. 1,993,147; Mar. 5.
Catland, Alfred C. (See Howard, J. H., and Catland.)
Catlett, James T., Scotia, N. Y., assignor to General Electric Company. Combined electrode holder and nozzle for gas-arc torches. 2,014,226; Sept. 10.
Catlin, Kenneth G., Bloomfield, N. J. X-ray tube. 1,997,676; Apr. 16.
Catlow, Benjamin. (See Bentley, W. H., and Catlow.)
Caton, William D., Elmira, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc. Record control for tabulating machines. 2,018,052; Oct. 22.
Cat's Paw Rubber Company. (See Esterson, Albert A., assignor.)
Cattanach, Donald, Kingussie, Scotland. Vermin trap. 1,992,353; Feb. 26.
Cattanach, Frederick W., Cranford, N. J., assignor to C. H. Leach Company, New York, N. Y. Heat exchange apparatus. 1,987,051; Jan. 8.
Cattanach, Frederick W., Cranford, N. J., assignor to C. H. Leach Company, New York, N. Y. Heat exchange apparatus. 1,987,891; Jan. 15.
Cattanach, John. (See Odenbach, J. H., and Cattanach.)
Catterall, William H., and W. J. Barry, Lebanon, Pa., assignors to Bethlehem Steel Company. Rolling hexagon bars. 1,987,324; Jan. 8.
Cattley, Edward C., Brooklyn, N. Y. Fishing reel. 2,001,521; May 14.
Catto, Albert R. (See Harper, G. W., and Catto.)
Caudill, H. B., et al. (See Le Roy, John B., assignor.)

- Caudri, Johan F. M., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Purifying high-boiling mineral acids. 2,015,254; Sept. 24.
- Cauer, Wilhelm, Göttingen, Germany. Electric-wave filter. 1,989,545; Jan. 29.
- Caugherty, William E., Natrona, Pa., assignor to Allegheny Steel Company. Heat treating silicon steel sheets. 1,991,351; Feb. 12.
- Caugherty, William E., Natrona, Pa., assignor to Allegheny Steel Company. Heat treating silicon steel sheets. 1,991,352; Feb. 12.
- Caughey, John M., Avalon, assignor to Fort Pitt Bedding Company, Pittsburgh, Pa. Vehicle cushion seat and the like. 2,020,397; Nov. 12.
- Cauley, Thomas P., Buffalo, N. Y. Egg carton. 2,009,874; July 30.
- Caulk, L. D., Company, The. (See Stack, James R., assignor.)
- Causse, René, Lesquin, France, assignor to General Electric Company. Electric heater. 1,998,308; Apr. 16.
- Cautley, John R., assignor to Bendix Brake Company, South Bend, Ind. Wheel. 2,018,913; Oct. 29.
- Cavalero, John V., Bloomfield, N. J. Plaque. 2,003,824; June 4.
- Cavalero, John V., Bloomfield, N. J. Book. 2,006,824; July 2.
- Cavanagh, Gerald F., Euclid, assignor to The Ohio Rubber Company, Cleveland, Ohio. Running board. 2,020,135; Nov. 5.
- Cavanagh, Gerald F., Euclid, and G. F. Duryee, Willoughby, assignors to The Ohio Rubber Company, Cleveland, Ohio. Mat. 1,999,280; Apr. 30.
- Cavanagh, Gerald F., Cleveland, and H. W. Schultz, Lakewood, Ohio, assignors to The Ohio Rubber Company, Cleveland, Ohio. Terminal. 2,015,590; Sept. 24.
- Cavanagh, James, Cohasset, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 1,989,080; Jan. 29.
- Cavanagh, James, Cohasset, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and the manufacture thereof. 2,004,236; June 11.
- Cavanagh, John F., Providence, R. I., assignor to Boston Wire Stitcher Company, Portland, Oreg. Implement for driving staples, fasteners, and the like. 2,001,092; May 14.
- Cavanagh, John F., Providence, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Pocket fastener-applying implement. 1,994,567; Mar. 19.
- Cavanagh, John F., assignor to W. W. Potter, Pawtucket, R. I. Apparatus for making inner tubes for tires. 2,021,983; Nov. 26.
- Cavanagh, John F., assignor to W. W. Potter, Pawtucket, R. I. Method of and apparatus for making rubber tubes. 2,022,230; Nov. 26.
- Cavanaugh, Alfred, et al. (See Hoffard, Harold O., assignor.)
- Cavanaugh, George S., Los Angeles, Calif. Packing bearings. 1,991,542; Feb. 19.
- Cavanaugh, George S., Los Angeles, Calif. Lubricating system for high speed "Dry Sump" motors. 2,024,336; Dec. 17.
- Cavanaugh, George S., Los Angeles, Calif., assignor to The Pennzoll Company. Display device for demonstrating lubricating oils. 1,990,063; Feb. 5.
- Cavanaugh, Howard M., assignor to Claude Neon Displays, Inc., Buffalo, N. Y. Lighting apparatus. 2,003,342; June 4.
- Cavanaugh, Howard M., assignor to Daylite Tubes, Inc., Buffalo, N. Y. Lighting system. 2,011,969; Aug. 20.
- Cave, Daniel B., assignor of one-third to A. P. Ferguson, one-third to E. E. Ozenbaugh and E. Overton, and one-third to P. V. Ashton, Lincoln, Nebr. Rotary gold concentrator. 1,992,288; Feb. 26.
- Cave, Edward U. (See Wolf, H. S., and Cave.)
- Cave, Edward U., Columbus, Ohio, assignor by mesne assignments, to Consolidated International Corporation. Feeding device. 2,011,536; Aug. 13.
- Cave, Henry, assignor to The Fuller Brush Company, Hartford, Conn. Can opener. 2,017,829; Oct. 15.
- Caviechi, Albert A., Arlington, Mass. Button. 2,022,458; Nov. 26.
- Cavins, Omar A., assignor to Standard Oil Company of California, San Francisco, Calif. Switch for oil well pumping equipment. 2,018,946; Oct. 29.
- Cawley, Aloysius J., Pittston, Pa. Energy transmission system. 1,990,977; Feb. 12.
- Cawley, Aloysius J., Pittston, Pa. Television apparatus. 1,999,867; Apr. 30.
- Cawood, Richard L., East Liverpool, Ohio. Grinding. 1,992,290; Feb. 26.
- Cawood, Richard L., East Liverpool, Ohio. Agitator drive. 2,009,162; July 23.
- Cawood, Richard L., East Liverpool, Ohio. Grinding mill door. 2,011,675; Aug. 20.
- Caylor, Chauncey L., Columbus, Ohio. Rotary steam engine. 2,021,289; Nov. 19.
- Cayouette, August J., Euclid, Ohio. Lock nut and making same. 2,007,293; July 9.
- Caywood, Arthur B., Denver, Colo. Aging liquor. 1,990,266; Feb. 5.
- Cesar, Paul, Brooklyn, assignor of one-third to M. Finkelstein, and one-third to S. Seligman, New York, N. Y. Light shade. 1,989,440; Jan. 29.
- Ceccarini, Olindo O., Beverly Hills, Calif. Apparatus for color photography. 1,986,425; Jan. 1.
- Cedar, Philip, Cleveland, Ohio. Vending machine. 1,997,452; Apr. 9.
- Cedar Rapids Engineering Company. (See Dunn, Allen I., assignor.)
- Cederstrom, Harold A., Minneapolis, Minn. Freight handling device. 2,015,100; Sept. 24.
- Ceely, Arthur G., Longmeadow, assignor to The Fiberloid Corporation, Indian Orchard, Mass. Shipping and storage container. 2,015,419; Sept. 24.
- Celander, Philip A. (See Williams, W. W., Celander, and Nesmith.)
- Celander, Philip A., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Refrigeration cabinet. 2,003,274; May 28.
- Celander, Philip A., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Compression unit. 2,004,889; June 11.
- Celanese Corporation of America. (See Bader, W., and Thomas, assignors.)
- Celanese Corporation of America. (See Beran, C. F., and Schneider, assignors.)
- Celanese Corporation of America. (See Blake, George R., assignor.)
- Celanese Corporation of America. (See Crutchfield, Kenneth H., assignor.)
- Celanese Corporation of America. (See Dickie, William A., assignor.)
- Celanese Corporation of America. (See Dickie, W. A., and Greenwood, assignors.)
- Celanese Corporation of America. (See Dickie, W. A., and Hale, assignors.)
- Celanese Corporation of America. (See Dickie, W. A., and Moncrieff, assignors.)
- Celanese Corporation of America. (See Dickie, W. A., and Sower, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., and Haney, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., and Lee, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., and Martin, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., and Platt, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., and Schneider, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., and Whitehead, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., Whitehead, and Martin, assignors.)
- Celanese Corporation of America. (See Dreyfus, H., Dickie, and Moncrieff, assignors.)
- Celanese Corporation of America. (See Dreyfus, H., Dickie, and North, assignors.)
- Celanese Corporation of America. (See Dreyfus, H., Dickie, and Taylor, assignors.)
- Celanese Corporation of America. (See Eichengrün, Arthur, assignor.)
- Celanese Corporation of America. (See Ellis, George H., assignor.)
- Celanese Corporation of America. (See Ellis, G. H., and Allan, assignors.)
- Celanese Corporation of America. (See Ellis, G. H., and Kirk, assignors.)
- Celanese Corporation of America. (See Ellis, G. H., Ockman and Olpin, assignors.)
- Celanese Corporation of America. (See Ellis, G. H., and Olpin, assignors.)
- Celanese Corporation of America. (See Ellis, G. H., Olpin, and Kirk, assignors.)
- Celanese Corporation of America. (See Ellis, G. H. and Wesson, assignors.)
- Celanese Corporation of America. (See Finlayson, D., and Plant, assignors.)
- Celanese Corporation of America. (See Francis, Carleton S., Jr., assignor.)
- Celanese Corporation of America. (See Fulton, S. M., Arnett, and Ewing, assignors.)
- Celanese Corporation of America. (See Fulton, S. M., and Tyce, assignors.)
- Celanese Corporation of America. (See Green, Stanley J., assignor.)
- Celanese Corporation of America. (See Greenwood, Ernest L., assignor.)
- Celanese Corporation of America. (See Groombridge, W. H., and Mellers, assignors.)
- Celanese Corporation of America. (See Hale, Frank C., assignor.)
- Celanese Corporation of America. (See Hale, F. C., and Bennett, assignors.)
- Celanese Corporation of America. (See Hale, F. C., and Howarth, assignors.)
- Celanese Corporation of America. (See Haney, Clifford I., assignor.)
- Celanese Corporation of America. (See Hibbert, H. M., and Roberts, assignors.)
- Celanese Corporation of America. (See Holmes, John P., assignor.)
- Celanese Corporation of America. (See Howarth, William, assignor.)
- Celanese Corporation of America. (See Jabouley, Joanny, assignor.)
- Celanese Corporation of America. (See Jabouley, J., and Yeardon, assignors.)

- Celanese Corporation of America. (See Kimpton, W. H., and Fulton, assignors.)
- Celanese Corporation of America. (See Kinsella, Edward, assignor.)
- Celanese Corporation of America. (See Kinsella, E., and Addy, assignors.)
- Celanese Corporation of America. (See Kinsella, E., Pratt, and Kelsall, assignors.)
- Celanese Corporation of America. (See Kinsella, E., and Riley, assignors.)
- Celanese Corporation of America. (See Kinsella, E., and Ward, assignors.)
- Celanese Corporation of America. (See Kirk, E. W., and Ellis, assignors.)
- Celanese Corporation of America. (See Lowe, W. G., and Riley, assignors.)
- Celanese Corporation of America. (See Mellor, A. and Mann, assignors.)
- Celanese Corporation of America. (See Metcalfe, G., Menzer, and Moncrieff, assignors.)
- Celanese Corporation of America. (See Miles, George W., assignor.)
- Celanese Corporation of America. (See Moncrieff, R. W., and Greenwood, assignors.)
- Celanese Corporation of America. (See Moss, William H., assignor.)
- Celanese Corporation of America. (See Ockman, T. Reeves, Stanley, Olpin and Ellis, assignors.)
- Celanese Corporation of America. (See O'Dowd, Leslie J., assignor.)
- Celanese Corporation of America. (See Olpin, H. C., and Bannister, assignors.)
- Celanese Corporation of America. (See Olpin, H. C., and Ellis, assignors.)
- Celanese Corporation of America. (See Oxley, H. F., and Groombridge, assignors.)
- Celanese Corporation of America. (See Paffen, Fred. W., assignor.)
- Celanese Corporation of America. (See Payne, R. W. and Roberts, assignors.)
- Celanese Corporation of America. (See Platt, Herbert, assignor.)
- Celanese Corporation of America. (See Pool, William, assignor.)
- Celanese Corporation of America. (See Pool, W., and Latham, assignors.)
- Celanese Corporation of America. (See Riley, R. H. J., and Barnett, assignors.)
- Celanese Corporation of America. (See Schneider, George, assignor.)
- Celanese Corporation of America. (See Seymour, George W., assignor.)
- Celanese Corporation of America. (See Seymour, G. W., and White, assignors.)
- Celanese Corporation of America. (See Smith, Frederick B., assignor.)
- Celanese Corporation of America. (See Stanley, E., Olpin, and Ellis, assignors.)
- Celanese Corporation of America. (See Taylor, William I., assignor.)
- Celanese Corporation of America. (See Taylor, W. I., and Gibbins, assignors.)
- Celanese Corporation of America. (See Taylor, W. I., and Woodruff, assignors.)
- Celanese Corporation of America. (See Welch, S. A., Ashby, Guyler, and Boaler, assignors.)
- Celanese Corporation of America. (See Welch, S. A., Guyler, Ashby, and Boaler, assignors.)
- Celanese Corporation of America. (See Welch, S. A., Guyler, Boaler, and Ashby, assignors.)
- Celanese Corporation of America. (See Welch, S. A., and Sills, assignors.)
- Celanese Corporation of America. (See Whitehead, William, assignor.)
- Celotex Company, The. (See Munroe, T. B., and Neumeister, assignors.)
- Cellovis, Inc. (See Hoffman, Walter F., assignor.)
- Cellovis, Inc. (See Hoffman, W. F., and Hella, assignors.)
- Cellovis, Inc. (See Jones, W. Bartlett, assignor.)
- Cellovis, Inc. (See Kenety, William H., assignor.)
- Cellufoam Corporation. (See Bryant, F. L., and Mathey, assignors.)
- Celluloid Corporation. (See Brown, Joseph H., assignor.)
- Celluloid Corporation. (See Caprio, Amerigo F., assignor.)
- Celluloid Corporation. (See Haviland, Harold K., assignor.)
- Celluloid Corporation. (See Petersen, Arthur E., assignor.)
- Celluloid Corporation. (See Piperoux, Rene P., assignor.)
- Celluloid Corporation. (See Walsh, James F., assignor.)
- Celluloid Corporation. (See Walsh, J. F., and Caprio, assignors.)
- Celluloid Corporation. (See Walsh, J. F., and Piperoux, assignors.)
- Cellulose Acetate Silk Company, The. (See Yarsley, Victor E., assignor.)
- Cellulose Research Corporation, The. (See Olsen, F., and Seavey, assignors.)
- Cellulose Research Corporation, The. (See Scharmann, W. G., and Olsen, assignors.)
- Cellulose Research Corporation, The. (See Seavey, F. R., Phillips, and Olsen, assignors.)
- Celon Company, The. (See Ford, Joseph C., assignor.)
- Cement Gun Company. (See McKay, John, assignor.)
- Cement Wrapped Pipe Company, Ltd. (See Kraner, Warren A., assignor.)
- Cencora, Michael, Bayside, N. Y. Signaling device for vehicles. 2,024,817; Dec. 17.
- Centefanti, Salvatore L., Youngstown, Ohio. Automobile lock and locking mechanism. 2,019,655; Nov. 5.
- Centervall, Hugo, Brooklyn, assignor to Manly Corporation, New York, N. Y. Variable capacity pump. 1,991,377; Feb. 19.
- Centervall, Hugo, Brooklyn, assignor to Manly Corporation, New York, N. Y. Variable capacity pump. 2,001,706; May 21.
- Centervall, Hugo A., assignor to Manly Corporation, New York, N. Y. Control mechanism for hydraulic power systems. 2,004,928; June 18.
- Centervall, Hugo A., assignor to Manly Corporation, New York, N. Y. Control means for varying the relative speeds of members driven through a common differential mechanism. 2,004,929; June 18.
- Centra Handels- & Industrie A.-G. (See Schmaljohann, Paul, assignor.)
- Central Mine Equipment Co. (See Cook, Walter, assignor.)
- Central Radio Laboratories. (See Stoekle, Erwin R., assignor.)
- Central Republic Trust Company. (See Friendly, Herbert M.)
- Central Republic Trust Company, et al. (See Wilson Leonard, assignor.)
- Central Republic Trust Company, executor and trustee. (See Friendly, Herbert M.)
- Central Scientific Company. (See Hornberger, Carl S., assignor.)
- Central Scientific Company. (See Klopsteg, Paul E., assignor.)
- Central Specialty Company. (See Lonskey, John H., assignor.)
- Central Scientific Company. (See Sherrill, Richard M., assignor.)
- Central Scientific Company. (See States, Marshall N., assignor.)
- Central United National Bank. (See Abrell, R. T., and Hopping, assignors.)
- Central United National Bank. (See Reisinger, Herbert C., assignor.)
- Central United National Bank. (See Sedgebury, H. F., and Carroll, assignors.)
- Central United National Bank, trustee. (See Coil, Grover C., assignor.)
- Central United National Bank, Trustee. (See Coil, G. C., and Orth, assignors.)
- Central United National Bank, trustee. (See Paden, William L., assignor.)
- Central United National Bank, trustee. (See Pierce, Harvey T., assignor.)
- Central United National Bank, trustee. (See Sedgebury, Herman F., assignor.)
- Central United National Bank, as Trustee. (See Sarison, Philip, assignor.)
- Central United National Bank, as trustee. (See Wheelbarger, Albert S., assignor.)
- Centrifex Corporation. (See Hawley, Charles G., assignor.)
- Centrifugal Engineering and Patents Corporation. (See Lindberg, Sven C., assignor.)
- Centrifugal Pipe Corporation. (See Carrington, Frank G., assignor.)
- Ceramic Drill Company, The. (See Hawn, Ralph A., assignor.)
- Ceramic Machinery Company, The. (See Yingling, Frank B., assignor.)
- Ceramic Process Company, The. (See Wulf, Charles A., assignor.)
- Cerrone, Andrew, Washington, D. C. Violin. 1,993,647; Mar. 5.
- Certain-teed Products Corporation. (See Craven, Andrew R., assignor.)
- Certain-teed Products Corporation. (See Croce, Michele, assignor.)
- Certain-teed Products Corporation. (See Gardner, Harry F., assignor.)
- Certain-teed Products Corporation. (See Hoggatt, Gilbert A., assignor.)
- Certain-teed Products Corporation. (See Knapp, George, assignor.)
- Certain-teed Products Corporation. (See Peterson, Arthur S., assignor.)
- Certain-teed Products Corporation. (See VanHagan, Homer H., assignor.)
- Certified Flexible Couplings, Inc. (See Weis, William, assignor.)
- Cesaire Gervais (née Mullins). (See Theissing, William, assignor.)
- Cessna, Homer. (See Ritterhoff, H., Cessna, and Reinhold.)
- Cetrano, Eugene, assignor of one-half to L. Vacca, Paterson, N. J. Tool for use in repairing chains. 1,994,270; Mar. 12.
- Ceuppens, Modeste, Brussels, Belgium, assignor to Lino-type and Machinery Limited, London, England. Manufacture of cast type bars. 1,992,811; Feb. 26.
- Ceverha, John J., Chicago, Ill. Apparatus for raising fluids. 2,014,613; Sept. 17.

- Chace, Edward M., Los Angeles, D. G. Sorber, El Monte, D. H. Rundle, Whittier and M. H. Kimball, Alhambra, Calif. Dedicated to the Free Use of The Public of the United States of America. Treating unhulled nuts. 2,010,780; Aug. 6.
- Chace, Paul G. (See Kienle, J. A., and Chace.)
- Chace, W. M., Valve Company. (See Kienle, J. A., and Chace, assignors.)
- Chadborn, Fredric C., Newburgh, N. Y. Automatic mixing valve. 2,000,319; May 7.
- Chadeloid Chemical Company. (See Bush, Edward R., assignor.)
- Chadeloid Chemical Company. (See Ellis, Carleton, assignor.)
- Chadeloid Chemical Company. (See Floan, John P., assignor.)
- Chadeloid Chemical Company. (See Toll, Karel, assignor.)
- Chadwick, George, Bronx, N. Y. Strip for double dry transfer. 1,988,937; Jan. 22.
- Chadwick, John E., Toronto, Ontario, Canada. Device for spreading road material. 2,003,628; June 4.
- Chadwick, Lee S., Shaker Heights, Ohio. Shaving equipment. 1,996,405; Apr. 2.
- Chadwick, Lee S., Shaker Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Liquid fuel stove. 1,987,179; Jan. 8.
- Chadwick, Lee S., Shaker Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Ventilated hearth. 2,011,847; Aug. 20.
- Chadwick, Lee S., Shaker Heights Village, M. Resek, Cleveland Heights, and W. G. Midnight, assignors to Perfection Stove Company, Cleveland, Ohio. Automatic control for intermittent absorption refrigeration apparatus. 1,991,271; Feb. 12.
- Chadwick, Lee S., Shaker Heights Village and J. A. Dahlstrom, Bay Village, and A. J. Wiltshire, Cleveland, Ohio, assignors to Perfection Stove Company, Cleveland, Ohio. Electrical ignition device. 2,007,889; July 9.
- Chadwick, Lee S., Shaker Heights, and M. Resek, Cleveland Heights, assignors to Perfection Stove Company, Cleveland, Ohio. Combustion outfit for refrigeration apparatus. 2,014,465; Sept. 17.
- Chadwick, Richard. (See Brownson, H. W., and Chadwick.)
- Chadwick, Richard U., Philadelphia, Pa. Combined vacuum and relief valve. 1,990,371; Feb. 5.
- Chadwick, Robert A., Jr., Milwaukee, Wis. Card index. 2,005,435; June 18.
- Chafee, Earl W. (See Myers, S. G., and Chafee.)
- Chafee, Zechariah, Providence, R. I. Cabinet construction. 2,019,045; Oct. 29.
- Chaffee, Raymond O., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Self-tapping screw. 2,005,672; June 18.
- Chaffee, Stewart W., assignor to Asphalt Process Corporation, New York, N. Y. Roofing. 1,993,086; Mar. 5.
- Chaffin, Clarence E., Springfield, Mass. Thread package. 1,991,880; Feb. 19.
- Chaffin, Clarence E., Springfield, Mass. Shuttle bobbin and making the same. 2,019,952; Nov. 5.
- Chaffin, Harry B., Canton, Ohio. Piston. 2,012,956; Sept. 3.
- Chain Belt Company. (See Ball, Charles F., assignor.)
- Chain Belt Company. (See Bosnian, Luther H., assignor.)
- Chain Belt Company. (See Jewett, M. G., and Harris, assignors.)
- Chain Belt Company. (See Lindow, Endolph F., assignor.)
- Chain Belt Company. (See Longenecker, Charles I., assignor.)
- Chain Belt Company. (See Marshall, William B., assignor.)
- Chain Belt Company. (See Shafer, S., Jr., and Ball, assignors.)
- Chain Store Products Corporation. (See Hermsdorf, Walter H., assignor.)
- Chair Town Manufacturing Co. (See Bolster, Ernest L., assignor.)
- Chalataw, Leon S., Boston, assignor to F. A. Jerguson, Medford, Mass. Apparatus for measuring liquid level. 2,020,254; Nov. 5.
- Chalfin, Harry, Brooklyn, N. Y. Buckle. 2,022,647; Dec. 3.
- Challenge Cream and Butter Association. (See Mitchell, C. L., and Wetmore, assignors.)
- Challenge Machinery Company, The. (See Lee, J. E., Gylleck, and Barney, assignors.)
- Challet, Etienne, Paris, France. Resistance for electric heating devices. 1,992,143; Feb. 19.
- Chalmers, George W., Summit, Ill., assignor to International Patents Development Company, Wilmington, Del. Automatic expanding machine. 2,001,867; May 21.
- Chalmers, James. (See Elliott, J., and Chalmers.)
- Chamberlain, Alan H. (See Chamberlain, Albert W., A. H., and H. F. W.)
- Chamberlain, Albert W., A. H., and H. F. W., Brunswick, Victoria, Australia. Hydraulic power transmission mechanism. 1,998,922; Apr. 23.
- Chamberlain, Clark W., East Lansing, Mich. Synchronized hammer and anvil with equilibrated momenta. 2,020,933; Nov. 12.
- Chamberlain Corporation. (See Etten, Nicholas L., assignor.)
- Chamberlain, Eli L. (See Robert, B. H., and Chamberlain.)
- Chamberlain, Howard F. W. (See Chamberlain, Albert W., A. H., and H. F. W.)
- Chamberlain, James R., assignor to The Fafnir Bearing Company, New Britain, Conn. Shackle device. 2,006,439; July 2.
- Chamberlain, Jesse M., assignor to Will & Baumer Candle Company, Inc., Syracuse, N. Y. Apparatus for forming self fitting ends on candles. 1,993,709; Mar. 5.
- Chamberlain, Leonard C., assignor to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,024,718; Dec. 17.
- Chamberlain, Leonard C., and R. H. Boundy, assignors to The Dow Chemical Company, Midland, Mich. Extracting iodine from natural brines. 2,009,956; July 30.
- Chamberlain, Rufus N., Chicago, Ill., assignor, by mesne assignments, to Gould Storage Battery Corporation, Depew, N. Y. Storage battery plate material. 1,991,314; Feb. 12.
- Chamberlin, Clarence P., Detroit, Mich. Metal molding and fastening means therefor. 2,020,993; Nov. 12.
- Chamberlin, Frank B., Columbus, Ohio. Fountain pen. 2,005,179; June 18.
- Chamberlin, Harry T., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,017,947; Oct. 22.
- Chamberlin Metal Weatherstrip Company. (See Bredin, Lewis L., assignor.)
- Chamberlin Metal Weather Strip Company. (See Glaser, Joseph P., assignor.)
- Chamberlin, Nat, Butte, Mont. Animal trap. 2,024,337; Dec. 17.
- Chambers, Allen C., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,009,106; July 23.
- Chambers, Arthur B., Memphis, Tenn. Storing, handling, and dispensing lumber. 2,012,219; Aug. 20.
- Chambers, Arthur B., Memphis, Tenn. Storing and dispensing lumber. 2,012,220; Aug. 20.
- Chambers, Bering, Quinlan Company. (See Cooper, Earl E., assignor.)
- Chambers, Dudley E., and E. D. Schneider, Schenectady, N. Y., assignors to General Electric Company. Theater light control. 2,006,984; July 2.
- Chambers Electric Brake Corporation. (See Chambers, Morris B., assignor.)
- Chambers, Frank A., and C. F. McGinley, Chicago, Ill. Combustion apparatus. 2,020,173; Nov. 5.
- Chambers, Gertrude S., administratrix. (See Chambers, Karl D.)
- Chambers, Harrington, Flushing, N. Y. Automatic self-closing stair. 1,994,883; Mar. 19.
- Chambers, Isaac M., Altoona, Pa. Door operating mechanism. 2,003,037; May 28.
- Chambers, Isaac M., Altoona, Pa. Door for merchandise containers. 2,021,290; Nov. 19.
- Chambers, John E., Shelbyville, Ind. Gas stove. 1,989,269; Jan. 29.
- Chambers, John E., Shelbyville, Ind. Gas stove. 2,011,848; Aug. 20.
- Chambers, Karl D., deceased, Montgomery, Ala., G. S. Chambers, administratrix. Motor vehicle headlighting system. 1,992,188; Feb. 26.
- Chambers, Karl D., deceased, Montgomery, Ala., Gertrude S. Chambers, administratrix. Poly-color X-ray vision. 1,995,054; Mar. 19.
- Chambers, Leslie A., Philadelphia, Pa., and N. Gaines, Fort Worth, Tex., assignor to W. H. Ashton, Philadelphia, Pa. Dispersion. 1,992,938; Mar. 5.
- Chambers, Morris B., Los Angeles, Calif. Brake. 2,024,847; Dec. 17.
- Chambers, Morris B., Huntington Park, Calif., assignor to Chambers Electric Brake Corporation, Seattle, Wash. Electromagnetic brake. 1,998,491; Apr. 23.
- Chambersburg Engineering Company. (See Clarke, Eugene C., assignor.)
- Chambless, Erysl F., assignor of one-half to J. W. Fay, Chicago, Ill. Screen securing means. 2,015,663; Oct. 1.
- Champ, Harry R. (See Clappitt, Elmer, assignor.)
- Champagne Paper Corporation. (See Jones, E. P., and Dempsey, assignors.)
- Champion Coated Paper Company, The. (See Bradner, Donald E., assignor.)
- Champion Coated Paper Company, The. (See Montgomery, William J., assignor.)
- Champion Corporation. (See Knoerzer, Arthur T., assignor.)
- Champion Corporation. (See Shaw, Theodore A., assignor.)
- Champlon De Arment Tool Company. (See Manning, H. H., and Shepherd, assignors.)
- Champion Fibre Company, The. (See Cunningham, N., and Peck, assignors.)
- Champion Foundry & Machine Co. (See Magnuson, Henry O., assignor.)
- Champion Machine & Forging Company, The. (See Johnson, Howard F., assignor.)
- Champion Paper and Fibre Company, The. (See Montgomery, William J., assignor.)
- Champion Shoe Machinery Company. (See Robyne, Stevenson A., assignor.)
- Champion Spark Plug Company. (See Rohde, Otto C., assignor.)
- Champion Fibre Company, The. (See Whiting, William S., Jr., assignor.)
- Champlin, Franklin J., Dalton, Mass., assignor to General Electric Company. Regulator control system. 2,008,542; July 16.

- Champlin, Franklin J., Dalton, Mass., assignor to General Electric Company. Electric regulation. 2,022,537; Nov. 26.
- Champlin, Franklin J., Dalton, Mass., assignor to General Electric Company. Electrical relay. 2,026,415; Dec. 31.
- Champlin, Philip T., Little Valley, N. Y. Knife. 1,997,131; Apr. 9.
- Champney, Hubert H., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Impregnating carbonaceous material. 1,993,434; Mar. 5.
- Chanard, Auguste, Rueil, France. Carburetor. 1,986,321; Jan. 1.
- Chance, Albert B., Centralia, Mo. Cable support package. 1,987,096; Jan. 8.
- Chance, Albert B., Centralia, Mo. Earth anchor. 2,002,628; May 28.
- Chance, Charles W. (See Shaw, E. E., and Chance.)
- Chance, Henry M., Philadelphia, Pa. Method and apparatus for separating materials of differing specific gravities. 1,988,371; Jan. 15.
- Chance, Henry M., Philadelphia, Pa. Apparatus for separating materials of different specific gravities. 2,018,010; Oct. 22.
- Chance, Henry M., Philadelphia, Pa. Separating process. 2,022,585; Nov. 26.
- Chancellor, Philip M., Chicago, Ill. Centrifugal chuck. 1,990,525; Feb. 12.
- Chancellor, William C., Elyria, Ohio, assignor to National Tube Company. Normalizing steel. 2,025,016; Dec. 17.
- Chancer, Samuel, Los Angeles, Calif. Headrest for shampooing. 2,013,823; Sept. 10.
- Chandee, William H., Washington, D. C. Illusion device. 1,996,457; Apr. 2.
- Chandler, Asa C., Houston, Tex. Preventing damage by termites. 1,994,752; Mar. 19.
- Chandler, Austin S., assignor to The Brown Bag Filling Machine Company, Fitchburg, Mass. Spillage device for bag filling machines. 2,001,485; May 14.
- Chandler, Edward M., Alcoa, Tenn., assignor to Aluminum Company of America, Pittsburgh, Pa. Apparatus for controlling roll contours. 1,988,033; Jan. 15.
- Chandler, Elbert E., Los Angeles, Calif. Tooth paste dispenser. 1,995,023; Mar. 19.
- Chandler, Gail E. (See Skinner, William F., assignor.)
- Chandler, George E., Gardner, assignor to Heywood-Wakefield Company, Boston, Mass. Reclining chair. 2,016,133; Oct. 1.
- Chandler, Homer P., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley wire support. 1,992,471; Feb. 26.
- Chandler, Milford G., Flint, Mich. Fuel feeding means for internal combustion engines. 2,022,653; Dec. 3.
- Chandler, Milford G., Flint, Mich. Fuel feeding means for internal combustion engines. 2,025,091; Dec. 24.
- Chandler, Milford G., Flint, Mich. Fuel feeding means for internal combustion engines. 2,025,723; Dec. 31.
- Chandler, Milton E. (See Mock, F. C., and Chandler.)
- Chandler, Milton E., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,015,709; Oct. 1.
- Chandler, Milton E., South Bend, assignor to Bendix Stromberg Carburetor Company, South Bend, Ind. Carburetor. 2,019,172; Oct. 29.
- Chandler, Milton E., assignor to Bendix Stromberg Carburetor Company, South Bend, Ind. Carburetor. 2,022,027; Nov. 26.
- Chandler, O'Neal W., Augusta, Ga. Butter slicing machine. 2,023,122; Dec. 3.
- Chandler & Price Company, The. (See Honigman, Hans, assignor.)
- Chandler & Price Company, The. (See Johnson, Lawrence R., assignor.)
- Chandler and Price Company, The. (See Tyler, Ralph S., assignor.)
- Chandler and Price Company, The. (See Young, Edgar J., assignor.)
- Chandler, Robert J. A., London, England, assignor to The American Machine & Foundry Company, New York, N. Y. Delivery of cigarettes and the like. 1,992,740; Feb. 26.
- Chandler, Robert J. A., London, England, assignor to American Machine & Foundry Company, New York, N. Y. Tobacco feeding apparatus for cigarette making machines. 2,018,011; Oct. 22.
- Chandler, William P., Jr., assignor to Blaw-Knox Company, Pittsburgh, Pa. Method and apparatus for effecting a gas and liquid contact. 2,012,442; Aug. 27.
- Chaney, John L., Springfield, Ohio. Closure for thermometer casings. 1,995,470; Mar. 26.
- Chaney, John L., Springfield, Ohio. Device for indicating the temperature of liquids. 2,004,092; June 11.
- Chaney, Kenneth F., Lakewood, Ohio. Fish lure. 2,025,270; Dec. 24.
- Chaney, Lovell V. (See Schulze, W. A., and Chaney.)
- Chaney, Lovell V., and W. A. Schulze, assignors to Phillips Petroleum Company, Bartlesville, Okla. Desulfurizing mercaptan-bearing oil. 1,998,863; Apr. 23.
- Chaney Manufacturing Company, The. (See Hoeftich, Julius G., assignor.)
- Chaney, Newcomb K. (See Smith, C. N., and Chaney.)
- Chang, James C., Honolulu, Hawaii. Vegetable shredder. 2,006,668; July 2.
- Changette, Inc. (Bary, W. A., and Skidelsky, assignors.)
- Channon, Henry C. (See Smith, W. S., Garnett, Channon and Dean.)
- Channon, Henry C. (See Smith, W. S., Garnett, Dean, Haggood and Channon.)
- Chant, Christopher W. (See French, H., and Welbeloved, assignors.)
- Chapin, Charles H., Chicago, Ill. Spring control. 2,016,591; Oct. 8.
- Chapin, Harrison L. (See Folmer, W. F., and Chapin.)
- Chapin, Roy C., et al. (See La Londe, Moses, assignor.)
- Chaplin, Merle P., Waterville, assignor, by mesne assignments, to The Canal National Bank of Portland, trustee, Portland, Maine. Fragile article support. 1,987,525; Jan. 8.
- Chaplin, Merle P., assignor to Keyes Fibre Company, Inc., Waterville, Maine. Drying sized molded pulp articles. 1,988,161; Jan. 15.
- Chapman, A. B., et al. (See Berrien, Walter C., assignor.)
- Chapman, Albert E., Carshalton, England. Electric incandescent lamp. 1,993,829; Mar. 12.
- Chapman, Ernest, Worsley, Manchester, and W. B. Waddington, Higher Crumpsall, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of new green sulphur dyestuffs. 1,993,087; Mar. 5.
- Chapman, Everett, Coatesville, Pa., assignor to The Lincoln Electric Company, Cleveland, Ohio. Apparatus for electric welding. 1,989,546; Jan. 29.
- Chapman, Francis H. (See Lee, F. E., Lepsoe, and Chapman.)
- Chapman, Frank D., Berlin, Wis. Leaky can detector. 2,011,332; Aug. 13.
- Chapman, Fred F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Gelatin dynamite composition. 1,992,189; Feb. 26.
- Chapman, George J., Shaker Heights, Ohio. Directory. 1,988,162; Jan. 15.
- Chapman, James, Atlanta, and B. W. Brown, Hapeville, Ga. Protector motion for looms. 2,000,820; May 7.
- Chapman, James F., Upper Darby, and F. E. Daves, Philadelphia, Pa., assignors to American Car and Foundry Motors Company, New York, N. Y. Manifold system for internal combustion engines. 2,004,192; June 11.
- Chapman, John C., deceased, West Hartford, Hartford National Bank and Trust Company, executor, Hartford, Conn., and Friederich Müller, Elizabeth, N. J., assignors to The Whitney Mfg. Co., Hartford, Conn. Machine for forming gears and the like. 1,986,793; Jan. 8.
- Chapman, Paul, New York, N. Y. Roof construction. 2,005,533; June 18.
- Chapman, Stanley. (See McWhirter, E. M. S., Flint, and Chapman.)
- Chapman Valve Manufacturing Company. (See Jones, John E., assignor.)
- Chapman Valve Manufacturing Company, The. (See Meagher, James H., assignor.)
- Chapman, Verni J., Schenectady, N. Y., assignor to General Electric Company. Work rotating apparatus. 1,992,812; Feb. 26.
- Chapman, Verni J., Schenectady, N. Y., assignor to General Electric Company. Automatic arc welding. 2,007,751; July 9.
- Chapman, Verni J., Schenectady, N. Y., assignor to General Electric Company. Welding apparatus. 2,024,965; Dec. 17.
- Chapman, Walter J. (See Komarek, G., and Chapman.)
- Chapman, Wilfred H., Stechford, D. W. Pounder, Moseley, E. A. Murphy, Erdington, and F. T. Purkis, Moseley, Birmingham, assignors to Dunlop Rubber Company, Limited, London, England. Composition of rubber-like material and making goods therefrom. 1,994,503; Mar. 19.
- Chapman, Wilfred H., Stechford, Birmingham, E. W. B. Owen, Erdington, Birmingham, and D. W. Pounder, Moseley, Birmingham, England, assignors to Dunlop Rubber Company Limited, London, England. Manufacture of goods of or containing sponge-like or cellular rubber. 2,020,994; Nov. 12.
- Chapman, William L., Harvey, Ill., assignor to Vallez Rotary Filters Company, Bay City, Mich. Filter. 2,022,403; Nov. 26.
- Chappel Bros. Inc. (See Darling, Elton R., assignor.)
- Chappell, Frank L., Hobart, assignor to Sheffield Farms Company, Inc., New York, N. Y. Manufacture of casein. 1,992,002; Feb. 19.
- Chappell, Marvin L., Watson, Calif. Producing motor fuels from hydrocarbon oils. 2,002,729; May 28.
- Chappell, Ralph R. (See Streb, R. J., Chappell, and Meagher.)
- Chapple, John C., St. Louis, Mo. Furnace fire box and arch structure. 1,996,058; Apr. 2.
- Chapple, John C., St. Louis, Mo. Furnace fire box and arch structure. 1,996,059; Apr. 2.
- Chappory, Andrew, Jr. (See Davidson, L. J., and Chappory.)
- Charbonneau, Albert W., Roslindale, Mass. Display and serving stand. 1,986,500; Jan. 1.
- Charch, William H., Buffalo, assignor, by mesne assignments, to Du Pont Cellophane Company, Inc., New York, N. Y. Moistureproof material and making same. 1,989,681; Feb. 5.
- Charch, William H., Buffalo, assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Moistureproof material. 1,997,857; Apr. 16.
- Charch, William H., Buffalo, assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Moistureproof material. 2,022,490; Nov. 26.

- Charch, William H., Buffalo, and J. E. Snyder, Kenmore, assignors to Du Pont Cellophane Company, Inc., New York, N. Y. Laminating. 1,992,190; Feb. 26.
- Charen, Myer, assignor to Universal Dental Company, Philadelphia, Pa. Carding device for artificial teeth. 1,987,602; Jan. 15.
- Charles, Arthur. (See Smith, E. W., and Charles.)
- Charley, Walter G. (See Falkner, R. S., and Charley.)
- Charman, Walter M., Cleveland Heights, Ohio. Protector for hot top rings. 1,997,677; Apr. 16.
- Charmette, Inc. (See Steeg, W. F., and Orwig, assignors.)
- Charmoy, Harry. (See Wertzheiser, J., and Charmoy.)
- Charms Company. (See Krout, Ray W., assignor.)
- Charnicky, Latimer L., assignor to The Black & Decker Manufacturing Company, Towson, Md. Tool coupling for sheet metal work. 1,987,465; Jan. 8.
- Charpier, Leonard L., and E. D. Huntington, Chicago, Ill. Post-operative binder and supporting belt. 2,015,255; Sept. 24.
- Charpier, Walter, Chicago, Ill. Automatic back water valve. 1,991,081; Feb. 12.
- Charron, Edward J. and L. G. Niagara Falls, N. Y. Comb cleaning machine. 1,988,997; Jan. 22.
- Charron, Lillie G. (See Charron, Edward J. and Lillie G.)
- Charter Drive, Inc. (See Charter, James A., assignor.)
- Charter, James A., assignor to Charter Drive, Inc., Chicago, Ill. Starter spring. 2,021,589; Nov. 19.
- Chartrand, Joseph E., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of making shoes and apparatus therefor. 1,990,581; Feb. 12.
- Charvet, Gustave, assignor, by mesne assignments, to Anciens Etablissements Barbier, Benard & Turenne, Paris, France. Mechanism for angular adjustment of gun sights. 2,006,262; June 25.
- Chase Bag Company, The. (See Cramer, Joseph D., assignor.)
- Chase Companies, The. (See Reichenbach, Howard F., assignor.)
- Chase Companies, The. (See von Nessen, Walter, assignor.)
- Chase Companies, The. (See Wood, Maurice L., assignor.)
- Chase Companies, Incorporated, The. (See Dempsey, M. J., and Reher, assignors.)
- Chase Companies, Incorporated, The. (See Reichenbach, Howard F., assignor.)
- Chase Companies, Incorporated, The. (See von Nessen, Walter, assignor.)
- Chase, Daniel M. (See Davis, W. L., and Chase.)
- Chase, Frank G., assignor to Plymouth Rubber Company, Inc., Canton, Mass. Edging for rubber goods and making and applying the same. 2,012,753; Aug. 27.
- Chase, George C., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Transmission mechanism. 1,996,144; Apr. 2.
- Chase, John E., Adamsdale, Mass., assignor to The Narrow Fabric Company, West Reading, Pa. Lace tipping machine. 2,012,905; Aug. 27.
- Chase, Leland H., Little Neck, N. Y., assignor to American Telephone and Telegraph Company, Coin collector. 2,021,984; Nov. 26.
- Chase, Linus R., Lockport, N. Y., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Radiator core. 1,993,872; Mar. 12.
- Chase, Lucius F., Los Angeles, Calif. Heater. 1,996,098; Apr. 2.
- Chase National Bank of the City of New York, executor. The. (See Hedley, F., and Doyle.)
- Chase, Philip H., Bala-Cynwyd, Pa. Cable. 1,989,914; Feb. 5.
- Chase, Philip H., Bala-Cynwyd, Pa. Cable. 2,011,561; Aug. 20.
- Chase, Philip H., Bala-Cynwyd, Pa. Seasoning cable. 2,024,144; Dec. 17.
- Chase, Raymond H., Providence, assignor to W. W. Potter, Pawtucket, R. I. Apparatus for splicing yarns. 2,005,129; June 18.
- Chase, Robert F., Lowell, and G. West, Whitinsville, assignors to Whitin Machine Works, Whitinsville, Mass. Builder mechanism for ring spinning and twisting frames. 2,013,876; Sept. 10.
- Chase, Robert S., C. D. Luce, and T. A. Arnett, Honolulu, Hawaii. Vise. 2,015,645; Sept. 24.
- Chase, Russell D. and R. J. Olson, Summit, Ill. Brake shoe gauge. 1,996,323; Apr. 2.
- Chase-Shawmut Company, The. (See Taylor, Elmer H., assignor.)
- Chase-Shawmut Company, The. (See Wood, Morris B., assignor.)
- Chase, Theron P., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Brake. 2,004,062; June 4.
- Chason, Daniel G., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Foot-operated motor controller. 2,022,491; Nov. 26.
- Chatain, Henri G., assignor to Hammermill Paper Company, Erie, Pa. Protective hood for paper making machines. 1,996,364; Apr. 2.
- Chatel, Fred J., Detroit, Mich. Slag deflector. 2,026,270; Dec. 31.
- Chatelain, Arthur B., assignor of one-half to U. Fischer, Los Angeles, Calif. Tube paste dispenser. 2,003,283; June 4.
- Chatfield, Charles B., Grand Rapids, Mich., assignor to Boynton & Company, Chicago, Ill. Decorative molding and the like. 1,988,236; Jan. 15.
- Chatfield, Franklin, assignor to The Munsingwear Corporation, Minneapolis, Minn. Thread feeding mechanism. 2,023,515; Dec. 10.
- Chatterton, Edward R., Delanco, N. J. Edge roll. 2,008,607; July 16.
- Chavan, Jean J. (See Bouvier, M. E., Bardin, and Chavan.)
- Chave, Charles T., New York, and H. C. Schutt, North Tarrytown, N. Y., assignors to Gyro Process Company, Detroit, Mich. Cracking oil in the vapor phase. 2,015,420; Sept. 24.
- Chávez, Diego L. y G., T. B. González and A. C. Haro, Habana, Cuba. Mechanical system for raising vehicles. 1,995,241; Mar. 19.
- Chavoor, Avedis Y., Worcester, Mass. Machine for pressing shoe soles. 2,004,309; June 11.
- Chayes Dental Instrument Corporation. (See Blair, James H., assignor.)
- Chayes Dental Instrument Corporation. (See Chayes, N., and Blum, assignors.)
- Chayes, Nathan, New Rochelle, and R. Blum, Purchase, N. Y., assignors to Chayes Dental Instrument Corporation, New York, N. Y. Pier connection. 2,009,434; July 50.
- Chayne, Charles A., Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Joint starter and throttle control. 1,999,281; Apr. 30.
- Cheadle, Marion E., Auckland, New Zealand. Mowing machine. 2,016,987; Oct. 8.
- Cheatham Electric Switching Device Company. (See Richterkesing, Frank H., assignor.)
- Cheatham Electric Switching Device Company. (See Richterkesing, F. H., and Stolp, assignors.)
- Cheesman, Richard D. (See Bernhard, R., and Cheesman.)
- Cheesman, Richard D., Hagerstown, Md., assignor to Traylor Engineering and Manufacturing Company, Burner. 1,989,665; Feb. 5.
- Cheetham, Margaret, Youngstown, Ohio. Toy. 1,998,270; Apr. 16.
- Chem, J. & Co. (See Hoffman, Samuel, assignor.)
- Chekian, Frank A., Modesto, assignor of one-half to Consolidated Packing Company, San Francisco, Calif. Package forming and sealing machine. 2,014,555; Sept. 17.
- Cheliotti, George, London, England, assignor to General Electric Company, Electric incandescent lamp. 1,985,915; Jan. 1.
- Chelle, Paul L., Saint-Mande, France. Device for feeding or withdrawing bottles for bottle rinsing machines. 2,013,032; Sept. 3.
- Chelmsford Egg Supply Company (1934) Limited. (See Nierinck, Fernand, assignor.)
- Chelton, Robert, Chicago, Ill. Automobile stop. 1,997,357; Apr. 9.
- Chelva Heat Inc. (See Ralston, L. T. M., and Bottsford, assignors.)
- Chemical Construction Corporation. (See Hechenbleikner, Ingenuin, assignor.)
- Chemical Construction Corporation. (See Hechenbleikner, I., Oliver, and Spangler, assignors.)
- Chemical Construction Corporation. (See Mast, William C., assignor.)
- Chemical Construction Corporation. (See Oliver, T. C., and Spangler, assignors.)
- Chemical Construction Corporation. (See Richardson, Ralph S., assignor.)
- Chemical Construction Corporation. (See Titlestad, Nicolay, assignor.)
- Chemical Foundation, Inc., The. (See Osterberg, Arnold E., assignor.)
- Chemical Foundation, Incorporated, The. (See Sheard, C., and Halstead, assignors.)
- Chemical Foundation Incorporated, The. (See Sheard, C., and Porter, assignors.)
- Chemical Foundation, Incorporated. (See Wagner, Richard I., assignor.)
- Chemical Holding Corporation. (See Richter, William F., assignor.)
- Chemical Machinery Corporation. (See Short, Frank, assignor.)
- Chemical Manufacturing Company. (See Elliott, Phillip H., assignor.)
- Chemical and Pigment Co. (See Burruss, D. N., Jr., and Ruth, assignors.)
- Chemical Processes Company. (See Kerrick, Walter B., assignor.)
- Chemical Protective Arms Corporation. (See Williams, Joseph, Jr., assignor.)
- Chemical Research and Development Company, The. (See Basore, C. A., and Jones, assignors.)
- Chemical Rubber Company, The. (See Castonguay, Leger S., assignor.)
- Chemical Works formerly Sandoz. (See Kartaschoff, Valentin, assignor.)
- Chemical Works formerly Sandoz. (See Kussmaul, Walter, assignor.)
- "Chemical Works formerly Sandoz". (See Kreisl, Walter, assignor.)
- Chemical Works Formerly Sandoz. (See Lier, Heinrich, assignor.)
- "Chemical Works formerly Sandoz." (See Peter, Albin, assignor.)

- Chemical Works formerly Sandoz. (See Rheiner, Alfred, assignor.)
- Chemical Works, formerly Sandoz. (See Stoll, A., Binkert, and Kussmaul, assignors.)
- Chemical Works formerly Sandoz. (See Stoll, A., and Burckhardt, assignors.)
- Chemical Works Formerly Sandoz. (See Stoll, A., and Wiedemann, assignor.)
- Chemipulp Process, Inc. (See Koda, Tetsuo, assignor.)
- Chemische Fabrik Buckau. (See Laufenberg, W., and Schwarz, assignors.)
- Chemische Fabrik Buckau. (See Müllney, Eugen, assignor.)
- Chemische Fabrik Grünau Landhoff & Meyer Aktiengesellschaft. (See Sommer, Fritz, assignor.)
- Chemische Fabrik Pott & Co. G. m. b. H. (See Sajitz, Rudolf, assignor.)
- Chemische Fabrik R. Baumheier Aktiengesellschaft. (See Kern, Rudolf, assignor.)
- Chemische Fabrik von Heyden, A. G. (See Boser, Otto J., assignor.)
- Chemische Forschungsgesellschaft m. b. H. (See Herrmann, W. O., Deutsch, and Haehnel, assignors.)
- Chemische Forschungsgesellschaft, m. b. H. (See Herrmann, W. O., and Haehner, assignors.)
- Chemische Werke Marienfelde Aktiengesellschaft. (See Jakob, Gottfried, assignor.)
- Chemung Engineering Corporation. (See Crooks, Earl G., assignor.)
- Chen, A. L. (See Chen, Ko Kuei, and A. L.)
- Chen, Ko Kuei, and A. L., assignors to Eli Lilly and Company, Indianapolis, Ind. Obtaining thevetin from the seeds of thevetia nerifolia juss. or exile nut. 2,022,617; Nov. 26.
- Chenault, Earl A., Columbus, Ohio. Indicating device. 1,990,317; Feb. 5.
- Chenery, Henry L., Portland, Maine. Tourniquet. 2,017,948; Oct. 22.
- Cheney Brothers. (See Motycka, Joseph, assignor.)
- Cheney Company, The. (See Fingles, William A., Jr., assignor.)
- Cheney, Joseph M. (See Duncan, J. K., Whitehead, and Cheney.)
- Cheney, Moses E., Flushing, and A. W. Meston, N. Y., assignors to Moto Meter Gauge & Equipment Corporation, Long Island City, N. Y. Viscosimeter. 2,023,309; Dec. 3.
- Chenoweth, Charles C., Abilene, Tex. Signal creating apparatus. 2,016,957; Oct. 8.
- Chernow, Michael, New York, N. Y. Monogram unit. 1,989,915; Feb. 5.
- Chernow, Michael, New York, N. Y. Monogram unit. 1,994,686; Mar. 19.
- Cheroff, George. (See Schwartz, Morris A., assignor.)
- Cherokee Lumber Company. (See Curtis, R. L., and Fleishel, assignors.)
- Cheronis, Nicholas D., assignor to The Synthetical Laboratories, Chicago, Ill. Manganese carboxylates and making them. 1,985,977; Jan. 1.
- Chérouvriér, Marcel. (See Soyez, E., and Chérouvriér.)
- Cherpes, Peter N., and C. E. Kollias, Chicago, Ill. Bump-er mechanism. 2,001,093; May 14.
- Cherry-Burrell Corporation. (See Feldmeier, Harvey, assignor.)
- Cherry-Burrell Corporation. (See Feldmeier, H., and Astle, assignors.)
- Cherry-Burrell Corporation. (See Fielder, Harold S., assignor.)
- Cherry-Burrell Corporation. (See Neely, Raymond J., assignor.)
- Cherry, Frank W., Kenilworth, Ill., assignor to Lug-Lox Flooring Company. Board of the tongue and groove type. 2,004,193; June 11.
- Cherry, George L., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for vulcanizing material on articles. 2,013,404; Sept. 3.
- Cherry, Harold A. (See Shewell, W., and Cherry.)
- Cherry, Oscar A., assignor to Economy Fuse and Manufacturing Company, Chicago, Ill. Potentially reactive phenolic condensation products and preparing same. 1,994,753; Mar. 19.
- Cherry, Oscar A., assignor to Economy Fuse and Manufacturing Company, Chicago, Ill. Lacquer. 1,996,570; Apr. 2.
- Cherry, Oscar A., assignor to Economy Fuse & Manufacturing Co., Chicago, Ill. Hot molding composition containing a fabric filler and producing same. 2,015,711; Oct. 1.
- Chesler, Abraham E., Brooklyn, N. Y. Compact. 2,015,712; Oct. 1.
- Chesler, Abraham E., Brooklyn, N. Y. Box. 2,023,992; Dec. 10.
- Chesley, Charles C., Waterbury Center, Vt. Drain pipe. 2,009,163; July 23.
- Chesley, Frank, Cincinnati, Ohio. Duplicating machine. 2,006,067; June 25.
- Chesney, Robert M. (See Marsh, H., and Chesney.)
- Chesnut, Dewey L., Trenton, N. J., assignor to General Electric Company. Electrical load control system. 2,016,890; Oct. 8.
- Chesnut, Frank T., Yardley, Pa., assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Discharge gap. 2,006,731; July 2.
- Chessin, Alexander. (See Trey, S., Howard, and Chessin.)
- Chesson, Andrew J., Lake Lure, N. C. Advertising mechanism. 1,997,964; Apr. 16.
- Chester, Alden P., and D. H. Hill, assignor to Globe American Corporation, Kokomo, Ind. Oven control. 2,004,977; June 18.
- Chester, Allan E., assignor to Ferro Enamel Corporation, Cleveland, Ohio. Material for and process of pickling and cleaning. 1,995,766; Mar. 26.
- Chester Bros. Ltd. (See Chester, Frank R., assignor.)
- Chester, Frank R., Vancouver, British Columbia, Canada. Fish lure. 2,017,436; Oct. 15.
- Chester, Frank R., assignor to Chester Bros. Ltd., Vancouver, British Columbia, Canada. Ice cream scoop and the like. 2,013,265; Sept. 3.
- Chester, Frank R., assignor to Chester Bros. Ltd., Vancouver, British Columbia, Canada. Loupe. 2,017,233; Oct. 15.
- Chester, Isidor, West Orange, N. J., assignor to Eagle Pencil Company, New York, N. Y. Pencil lead. 2,011,270; Aug. 13.
- Chester, Milton A., North Tonawanda, N. Y., assignor to Curtiss Aeroplane & Motor Corporation, Inc. Shock strut. 2,008,094; July 16.
- Chester, Thomas, Pittsburgh, Pa. Air conditioning. 1,988,264; Jan. 15.
- Chester, Thomas, Detroit, Mich. Centrifugal blower. 2,001,522; May 14.
- Chester, Thomas A. (See Sabiston, Eric M.)
- Chesterfield Tube Company Limited, The. (See Marsh, F. S., and Baggeley, assignors.)
- Chesterman, Frank E., Noble, Pa. Truss. 1,987,432; Jan. 8.
- Cheswright, Leonard K., Swansea, Ontario, Canada. Hose pipe nipple or connector. 1,996,855; Apr. 8.
- Chevallier, Pierre E. L., Paris, France, assignor to Radio Corporation of America, New York, N. Y. Kinescope. 2,021,252; Nov. 19.
- Chevallier, Pierre E. L., Paris, France, assignor to Radio Corporation of America. Kinescope. 2,021,253; Nov. 19.
- Chevillot, Alfred, Gargan, Livry, France, assignor to The Westinghouse Air Brake Company, Wilmering, Pa. Fluid pressure braking apparatus. 2,009,836; July 30.
- Chevillon, Louis, Paris, France, assignor to The Francois Cementation Company Limited, London, England. Waterproofing or filling cavities in the ground or in structures. 2,003,921; June 4.
- Chevrolet, Louis, Baltimore, Md. Pitman rod connection for radial cylinder engines. 1,991,657; Feb. 19.
- Chew, Fred C., Grand Island, Nebr. Prospecting tool. 1,994,884; Mar. 19.
- Chew, Fred C., Grand Island, Nebr. Bit for prospecting tools. 1,999,033; Apr. 23.
- Chew, William L., Rockville Centre, N. Y. Ironing machine. 1,997,482; Apr. 9.
- Chewning, James W., and W. C. Dickerman, Jr., assignors to The Pure Oil Company, Chicago, Ill. Method and apparatus for treating acid sludge. 2,014,556; Sept. 17.
- Chewning, Walter L., Cynwyd, assignor to United Engineers & Constructors Inc., Philadelphia, Pa. Apparatus for the scrubbing of gas. 2,006,295; June 25.
- Cheyney, Charles C., assignor to Buffalo Forge Company, Buffalo, N. Y. Base for stationary machinery. 2,014,466; Sept. 17.
- Cheyney, Charles C., assignor to Buffalo Forge Company, Buffalo, N. Y. Cushioning supporting means. 2,014,467; Sept. 17.
- Chicago Automatic Tool Company. (See Nell, Gustave M., assignor.)
- Chicago Bridge & Iron Company. (See Day, Clayton L., assignor.)
- Chicago Cardboard Company. (See Ziemmerman, Henry, assignor.)
- Chicago Carton Company. (See Hasbrook, John V. A., assignor.)
- Chicago-Cleveland Car Roofing Co. (See Markel, Lawrence L., assignor.)
- Chicago Coin Machine Company. (See Warner, Joe H., assignor.)
- Chicago Daily News, Inc. (See Bussing, Elmer J., assignor.)
- Chicago Electric Manufacturing Company. (See Benson, Bernhart A., assignor.)
- Chicago Electric Manufacturing Company. (See Gough, James J., assignor.)
- Chicago Electric Manufacturing Co. (See Langos, Otto A., assignor.)
- Chicago Flexible Shaft Company. (See Browning, George, assignor.)
- Chicago Flexible Shaft Company. (See Jeppsson, Ivar, assignor.)
- Chicago Flexible Shaft Company. (See McArdle, Michael W., assignor.)
- Chicago Flexible Shaft Company. (See McArdle, M. W., and Jeppsson, assignors.)
- Chicago Flexible Shaft Company. (See McArdle, M. W., and Lynch, assignors.)
- Chicago Flexible Shaft Company. (See Sigman, John J., assignor.)
- Chicago Flexible Shaft Company. (See Strauss, Hermann M. A., assignor.)
- Chicago Flexible Shaft Company. (See Wright, Horace C., assignor.)
- Chicago Glass Novelty Corporation. (See Boyce, James, assignor.)

- Chicago Lock Company. (See Shinn, Lyle B., assignor.)
 Chicago Mill and Lumber Company. (See Whiton, Arthur L., assignor.)
 Chicago North Shore & Milwaukee Railroad Company. (See Otis, Harold A., assignor.)
 Chicago Pneumatic Tool Company. (See Coates, Charles B., assignor.)
 Chicago Pneumatic Tool Company. (See Coates, C. B., and Dresser, assignors.)
 Chicago Pneumatic Tool Company. (See Collins, Anthony H., assignor.)
 Chicago Pneumatic Tool Company. (See Collins, Lester L., assignor.)
 Chicago Pneumatic Tool Company. (See Davenport, Ransom W., assignor.)
 Chicago Pneumatic Tool Company. (See Estler, Harry S., assignor.)
 Chicago Pneumatic Tool Company. (See Mitchell, William J., assignor.)
 Chicago Pneumatic Tool Company. (See Nell, Gustave M., assignor.)
 Chicago Pneumatic Tool Company. (See Stevens, Edward W., assignor.)
 Chicago Pneumatic Tool Company. (See Wasson, Harry C., assignor.)
 Chicago Printed String Co. (See Weiner, Charles, assignor.)
 Chicago Pump Company. (See Durdin, Augustus C., Jr., assignor.)
 Chicago Pump Company. (See Durdin, Augustus C., 3d, assignor.)
 Chicago Railway Equipment Company. (See Bedell, Rodney, assignor.)
 Chicago Railway Equipment Company. (See Brossart, J. A., Bigelow, and Retterer, assignors.)
 Chicago Railway Equipment Company. (See Busse, Edwin G., assignor.)
 Chicago Railway Equipment Company. (See Busse, E. G., and Griest, assignors.)
 Chicago Railway Equipment Company. (See De Haven, Floyd V., assignor.)
 Chicago Railway Equipment Company. (See Ekholm, H. W., and Busse, assignors.)
 Chicago Railway Equipment Company. (See Murphy, Lewis S., assignor.)
 Chicago Railway Equipment Company. (See Trachsel, Louis S., assignor.)
 Chicago Rawhide Manufacturing Company. (See Gardner, Allen F., assignor.)
 Chicago Rawhide Manufacturing Company. (See Johnson, Harold E., assignor.)
 Chicago Rawhide Manufacturing Company. (See Olson, Clarence T., assignor.)
 Chicago Telephone Supply Company. (See Haselwood, Willis E., assignor.)
 Chicago Telephone Supply Company. (See Lodge, Edmund G., assignor.)
 Chicago Telephone Supply Company. (See Schellenger, Newton C., assignor.)
 Chicago Transformer Corporation. (See Helgason, Arnl, assignor.)
 Chicago Tubing and Braiding Company. (See Huck, W. M., and Lindberg, assignors.)
 Chicago Vitreous Enamel Products Co. (See Hogenson, William, assignor.)
 Chicago W. S. Mfg. Company. (See Shogren, Charles A., assignor.)
 Chicopee Mfg. Corp. (See Stevenson, William M., assignor.)
 Chidester, Orpha A., San Diego, Calif. Perpetual calendar. 1,987,180; Jan. 8.
 Chiger, Siegmund, Berlin, Germany, assignor to G. Z. M. Patentverwertungs Aktiengesellschaft. Glarus, Switzerland. Apparatus for receiving and issuing bank notes. 2,009,385; July 30.
 Chignell, James, Hall Green, Birmingham, England. Bottle motion mechanism for rotary bottle filling machines. 1,998,156; Apr. 16.
 Chilcote, Joseph M. (See Robinson, J. F., Chilcote, and Haupt.)
 Chilcote, Ray A., assignor of one-half to McLaughlin Glass Co., Los Angeles, Calif. Glass feeder. 2,005,494; June 18.
 Child, D. Earl, and J. L., assignors to The Hancock Brick & Tile Company, Findlay, Ohio. Clay working. 2,024,025; Dec. 10.
 Child, Edward R., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Irreversible control. 1,990,978; Apr. 12.
 Child, Hal G., Oswego, Oreg. Exercising device. 2,002,108; May 21.
 Child, James L. (See Child, D. Earl, and J. L.)
 Child, Lachlan W., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Heat transfer unit. 1,991,194; Feb. 12.
 Child, Lachlan W., Toledo, Ohio, assignor, by mesne assignments, to Aerlet Air Conditioner Company. Replacement heater. 2,008,945; July 23.
 Child, Lachlan W., Toledo, Ohio, assignor, by mesne assignments, to Aerlet Air Conditioner Company. Air conditioner. 2,025,802; Dec. 31.
 Childers, Charles T., Galesburg, Ill. Washing machine. 2,005,287; June 18.
 Childress, James H., Inglewood, Calif., assignor to Pan American Petroleum and Transport Company, New York, N. Y. Flow control device. 1,998,074; Apr. 16.
 Childress, William C., Oak Park, assignor to Acme Steel Company, Chicago, Ill. Strap joint. 2,012,678; Aug. 27.
 Childs, Bruce T. (See Hanley, W. A., and Childs.)
 Chiles, Herbert S., and F. L. Geiger, Tampa, Fla. Therapeutic appliance. 1,999,956; Apr. 30.
 Chiles, Leon L., and R. C. Chiles, Keswick, Va. Reversible frying pan. 1,987,594; Jan. 15.
 Chiles, Ruby C. (See Chiles, Leon L., and R. C.)
 Chillas, Richard B., Jr., assignor to The Atlantic Refining Company, Philadelphia, Pa. Apparatus for contacting liquids with vapors or gases. 2,010,010; Aug. 6.
 Chillingworth, Rudolph, Brooklyn, N. Y. Adjustable wing, plane or blade of aeroplanes, helicopters, propellers, or the like. 2,012,987; Sept. 3.
 Chillingworth, Rudolph, Brooklyn, N. Y. Rotating wing system, propeller, or lifting screw for aircraft. 2,012,988; Sept. 3.
 Chillingworth, Rudolph, Brooklyn, N. Y. Rotating wing system, propeller, or lifting screw for aircraft. 2,012,989; Sept. 3.
 Chilowsky, Constantin, Paris, France. Control of glare shields of vehicles. 2,003,248; May 28.
 Chilowsky, Constantin, Paris, France. Partial combustion oil gas generator. 2,011,034; Aug. 13.
 Chilowsky, Constantin, Paris, France. Electric and magnetic measuring device. 2,024,966; Dec. 17.
 Chilson, Lewis S., Attleboro, Mass., assignor to J. M. Fisher Company. Ornament and making same. 2,008,005; July 16.
 Chilton, Alfred H., London, England, assignor to J. Stone & Company Limited, Deptford, England. Electromagnetic regulating apparatus. 2,020,398; Nov. 12.
 Chilton Pen Company, The. (See Sypher, Milford G., assignor.)
 Chilton Pen Company, The. (See Upton, Henry J., assignor.)
 Chilton, Ralph H., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Refrigerator freezing tray. 2,002,232; May 21.
 Chilton, Ralph H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Flexible metal ice tray. 2,004,519; June 11.
 Chilton, Ralph H., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Flexible metal freezing tray. 2,011,849; Aug. 20.
 Chilton, Ralph H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Endless freezing container. 2,021,047; Nov. 12.
 Chilton, Ralph H., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Freezing device. 2,020,214; Dec. 31.
 Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Engine cooling means. 1,990,979; Feb. 12.
 Chilton, Roland, Ridgewood, N. J., assignor, by mesne assignments, to The Reed Propeller Co., Inc., Garden City, N. Y. Piston driving mechanism. 1,997,279; Apr. 9.
 Chilton, Roland, Ridgewood, N. J., assignor, by mesne assignments, to The Reed Propeller Co., Inc., Garden City, N. Y. Spinner cowl. 2,018,012; Oct. 22.
 Chilton, Roland, Ridgewood, N. J., assignor, by mesne assignments, to The Reed Propeller Co., Inc., Garden City, N. Y. Oil temperature regulator. 2,021,129; Nov. 19.
 Chilton, Thomas H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Drying acetylenic fluids. 1,999,397; Apr. 30.
 Chinoín Gyógyszer-Es Vegyeszeti Termékek Gyára R. T., Dr. Kereszty and D. Wolf. (See Földi, Zoltán, assignor.)
 Chinoín Gyógyszer-Es Vegyeszeti Termékek Gyára R. T. (Dr. Kereszty & Dr. Wolf). (See Wolf, Emil, assignor.)
 Chiquoine, John E., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Mixing apparatus. 2,024,509; Dec. 17.
 Chireix, Henri, assignor to Compagnie Generale de Telegraphie sans Fil, Paris, France. Signaling. 1,997,042; Apr. 9.
 Chireix, Henri, Paris, France, assignor to Compagnie Generale de Telegraphie sans Fil, Paris, France. Heterodyne receiver. 2,005,772; June 25.
 Chireix, Henri, assignor to Compagnie Generale de Telegraphie sans Fil, Paris, France. Vacuum tube generator system. 2,006,440; July 2.
 Chireix, Henri, Paris, France, assignor to Compagnie Generale de Telegraphie sans Fil, Paris, France. Radio communication. 2,009,080; July 23.
 Chireix, Henri, Paris, France, assignor to Compagnie Generale de Telegraphie sans Fil, Paris, France. Transmitter. 2,011,927; Aug. 20.
 Chireix, Henri, assignor to Compagnie Generale de Telegraphie sans Fil, Paris, France. Measuring frequencies. 2,013,799; Sept. 10.
 Chireix, Henri and H. Goudet, assignors to Compagnie Generale de Telegraphie sans Fil, Paris, France. Ultra rapid printing telegraph. 2,008,273; July 16.
 Chiról, Maurice, Paris, assignor to Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz, Seine, France. Device for receiving high frequency currents superimposed on electrical power supply lines 1,996,145; Apr. 2.

- Chisholm, Arron R., East Orange, N. J. Vanity case. 2,017,852; Oct. 22.
- Chisholm, Clifton, Cleveland, Ohio, assignor to Multi-graph Company, Wilmington, Del. Embossing machine. 2,023,464; Dec. 10.
- Chisholm, Harley A. (See Funcke, J. C., and Chisholm.)
- Chisling, Elliott L., New York, N. Y. Door holder. 1,988,237; Jan. 15.
- Chiti, Aroldo, Turin, Italy. Sewing mechanism for sewing machines. 1,996,324; Apr. 2.
- Chittenden, Fayette D., Nutley, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Cleaning balata and like gums. 1,998,923; Apr. 23.
- Chittick, Kenneth A., Haddon Heights, N. J., assignor to Radio Corporation of America, New York, N. Y. Automatic volume control system. 2,019,173; Oct. 29.
- Chlupsa, Joseph, Astoria, N. Y. Baby carriage and crib oscillating mechanism. 1,999,957; Apr. 30.
- Chmurnyski, Julius. (See Brykczynski, C. S. and Chmurnyski.)
- Cho, Toda, Shiba-Ku, Tokyo, Japan. Rectum syringe. 1,995,602; Mar. 26.
- Choate, Fred C., Greenville, Mich. Marking device. 2,012,990; Sept. 3.
- Choate, Parker C. (See Gilbert, Chester G., assignor.)
- Choate, Roy E., and W. E. Rodler, assignors to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Earth moving device. 1,987,052; Jan. 8.
- Choate, Roy E., and W. E. Rodler, assignor to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Earth moving device. 2,011,191; Aug. 13.
- Chobert, Jacques F. G., Saint-Etienne, France. Connecting hollow bodies. 1,994,210; Mar. 12.
- Chobert, Jacques F. G., Saint-Etienne, France. Fastening and assembling device. 2,011,472; Aug. 13.
- Choice, Frank C. (See Bates, A., and Choice.)
- Choice, Frank C. (See Elliott, H. E., and Choice.)
- Choice, Frank C. (See Ricks, F., Elliott, and Choice.)
- Choice, Frank C., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Marking machine. 2,000,921; May 14.
- Choice, Frank C., and R. A. Lineham, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Thread waxing device. 2,011,615; Aug. 20.
- Chorlton, Frank O. L., Bury, England. Apparatus for locating lids on cans. 1,997,102; Apr. 9.
- Chott, Edward L., assignor of one-half to H. J. Chott, Chicago, Ill. Dental aligning and testing device. 2,016,103; Oct. 1.
- Chott, Hugo J. (See Chott, Edward L., assignor.)
- Chouinard, Alfred F. (See Gabriel, H. J., and Chouinard.)
- Chretien, Henri, St. Cloud, France. Combined picture and sound recording and reproduction in motion pictures. 2,006,233; June 25.
- Christ, Hellmuth. (See Gerngross, O., and Christ.)
- Christe, Hugh W., Tulsa, Okla. Gas burner. 1,987,386; Jan. 8.
- Christensen, Aage, Copenhagen, Denmark. Air-sealed joint for rotary incinerator drums. 1,998,492; Apr. 23.
- Christensen, Aage, Copenhagen, Denmark. Furnace with grate for combustion of refuse of any kind. 2,015,842; Oct. 1.
- Christensen, Alvin H., Denver, Colo. Complete detached adjustable arch frame. 2,011,796; Aug. 20.
- Christensen, Augustus, Hellertown, Pa. Smoking pipe attachment. 2,006,296; June 25.
- Christensen, Carl W., assignor to Armour and Company, Chicago, Ill. Preparing glycerides. 2,022,493; Nov. 26.
- Christensen, Carl W., assignor to Armour and Company, Chicago, Ill. Preparing mono and di-glycerides. 2,022,494; Nov. 26.
- Christensen, Chester W., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Vulcanization of rubber. 1,986,463; Jan. 1.
- Christensen, Christen, Maywood, Ill., assignor to Electrical Engineers Equipment Co. Switch. 2,010,533; Aug. 6.
- Christensen, Clarence A., San Francisco, Calif., assignor to W. J. Besler, Plainfield, N. J. Braking system for vehicles. 2,012,258; Aug. 27.
- Christensen, Emil, Portland, Oreg. Interchangeable heel. 1,994,013; Mar. 12.
- Christensen, Emil, Portland, Oreg. Lock-on heel lift. 1,994,014; Mar. 12.
- Christensen, Howard H., San Antonio, Tex. Automatic gas cut-off. 2,016,484; Oct. 8.
- Christensen, Howard H., San Antonio, Tex., assignor to O'Keefe & Merritt Co., Los Angeles, Calif. Orchard heater. 2,017,275; Oct. 15.
- Christensen Machine Company. (See Belluche, Elmer W. and F. R., assignors.)
- Christensen Machine Company. (See Belluche, Frank R., assignor.)
- Christensen, Marinus. (See Hatcher, C. E., Christensen, and Hatcher.)
- Christensen, Niels C., Salt Lake City, Utah. Method and apparatus for treating solids with gaseous media. 1,988,541; Jan. 22.
- Christensen, Niels C., Salt Lake City, Utah. Making of white-lead pigments. 1,992,191; Feb. 26.
- Christensen, Niels C., Salt Lake City, Utah. Making pigments from lead ores. 2,000,661; May 7.
- Christensen, Niels C., Salt Lake City, Utah. Treating ores with sulphuric acid. 2,001,409; May 14.
- Christensen, Niels C., Salt Lake City, Utah. Making pigments from lead ores. 2,018,438; Oct. 22.
- Christensen, Norman V., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 1,995,092; Mar. 19.
- Christensen, Norman V., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 1,999,893; Apr. 30.
- Christensen, Norman V., assignor to Union Special Machine Company, Chicago, Ill. Feeding mechanism for sewing machines. 2,018,439; Oct. 22.
- Christensen, Norman V., Chicago, and H. J. Le Vesconte, Western Springs, assignors to Union Special Machine Company, Chicago, Ill. Felling machine. 1,988,372; Jan. 15.
- Christensen, Oscar. (See Johnson, J. P., and Christensen.)
- Christenson, Frank. (See MacDonald, J., and Christenson.)
- Christenson, George, Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Packing for pistons. 2,003,769; June 4.
- Christenson, George, Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Ring packing. 2,008,682; July 23.
- Christenson, Helmer G., Detroit, Mich. Battery carrier. 1,994,451; Mar. 12.
- Christian, David A., assignor to Siemens Brothers & Company Limited, London, England. Electric switching mechanism. 2,003,782; June 4.
- Christian, David A., assignor to Siemens Brothers & Company Limited, London, England. Electric selecting switch. 2,010,348; Aug. 6.
- Christian Dierig Aktiengesellschaft. (See Seidel, F., and Ronke, assignors.)
- Christian, Frank T. (See Wertz, D. L. and Christian.)
- Christian, Frank T., assignor to Eclipse Machine Company, Elmira, N. Y. Backfire release. 1,986,673; Jan. 1.
- Christian, Herbert A., Vallejo, Calif. Indicator. 2,022,844; Dec. 3.
- Christian, Herman B., Oakland, and H. E. Kennedy, Berkeley, Calif., said Christian assignor to said Kennedy. Applying a preservative to eggs. 2,014,646; Sept. 17.
- Christian, John B. et al. (See Herring, Jesse B., assignor.)
- Christian, Raymond A., assignor to The National Cash Register Company, Dayton, Ohio. Carriage for accounting machines. 2,002,361; May 21.
- Christian, Raymond A., assignor to The National Cash Register Company, Dayton, Ohio. Tabulating mechanism for accounting machines. 2,002,362; May 21.
- Christian, Raymond A., assignor to The National Cash Register Company, Dayton, Ohio. Carriage for accounting machines. 2,026,020; Dec. 31.
- Christians, Frederick, Los Angeles, Calif. Method and tool for clamping electrical couplings. 2,018,996; Oct. 29.
- Christiansen, Christian, Fargo, N. Dak. Bull rake, loader and lifter. 2,005,911; June 25.
- Christiansen, Johannes, Sorup-Schauby, Germany, assignor of one-half to A. Oberle, Washington, D. C. Wing rotor. 1,991,378; Feb. 19.
- Christiansen, Johannes, Sorup-Schauby, Germany, assignor of one-half to A. Oberle, Washington, D. C. Combustion turbine. 2,015,059; Sept. 24.
- Christiansen, John, and J. B. D. Thompson, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Step-well closure and operating means therefor. 2,024,328; Dec. 17.
- Christiansen, Walter G. (See Nitardy, F. W., Christiansen, and Deuble.)
- Christiansen, Walter G., Bloomfield, N. J., E. Moness, Far Rockaway, and S. E. Harris, Brooklyn, assignors to E. R. Squibb & Son, New York, N. Y. Halogenated hydroxydiphenyl. 1,989,081; Jan. 29.
- Christiansen, Walter G., Glen Ridge, N. J., and S. E. Harris, Lynbrook, assignors to E. R. Squibb & Sons, New York, N. Y. Hydroxy diphenyl intermediates. 2,001,523; May 14.
- Christiansen, Walter G., Bloomfield, N. J., E. Moness, Far Rockaway, N. Y., and S. E. Harris, Brooklyn, assignors to E. R. Squibb & Sons, New York, N. Y. Devitalization of pathogenic micro-organisms. 2,015,720; Sept. 17.
- Christianson, Raynard, Fort Wayne, Ind., assignor to The Koppers Company of Delaware, Coking retort oven. 1,989,505; Jan. 29.
- Christie, George A., Prospect Park, N. J. Package. 1,997,786; Apr. 16.
- Christie, Hans L., Los Angeles, Calif. Floating fish trap. 2,002,882; May 28.
- Christie, Howard E. (See Newton, W. G., and Christie.)
- Christman, Lowell B., D. P. Judd and C. K. Stoner, Canton, Ohio. Automobile axle construction. 2,025,040; Dec. 24.
- Christie, John, and N. B. Green, assignors to Eastman Kodak Company, Rochester, N. Y. Assembling machine for thin metal sheets. 1,991,138; Feb. 12.
- Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,989,846; Feb. 5.
- Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Transmission mechanism. 2,002,310; May 21.
- Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,011,239; Aug. 13.

- Christman, William T., Mount Lebanon, Pa., assignor to Federal Enameling & Stamping Company. Cooking utensil. 2,011,752; Aug. 20.
- Christmann, Ludwig J., Jersey City, and S. A. Falconer, Elizabeth, N. J., assignors to American Cyanamid Company, New York, N. Y. Flotation of oxides. 1,997,280; Apr. 9.
- Christmann, Ludwig J., Jersey City, and D. W. Jayne, Jr., Elizabeth, N. J., assignors to American Cyanamid Company, New York, N. Y. Sulphur composition. 2,019,443; Oct. 29.
- Christofferson, Charles, assignor to Universal Air Filter Corporation, Duluth, Minn. Air filter. 2,016,033; Oct. 1.
- Christopher, Louis C., et al. (See Horkavi, Michael J., assignor.)
- Christy, Anker L. (See Petersen, C. A., and Christy.)
- Christy, Frank S., trustee, et al. (See Robinson, Richard, assignor.)
- Christy, Nanette, et al. (See Robinson, Richard, assignor.)
- Chrome Alloys Manufacturing Company. (See McFaden, Harlan J., Sr., assignor.)
- Chromy, Ben J., Hopkins, Minn. Radio receiving system. 2,002,430; May 21.
- Chromy, Ben J., Hopkins, Minn. High frequency electrical circuit arrangement. 2,022,459; Nov. 26.
- Chrysler Corporation. (See Bailey, E. L., and McCortney, assignors.)
- Chrysler Corporation. (See Ball, Frederick O., assignor.)
- Chrysler Corporation. (See Banta, George D., assignor.)
- Chrysler Corporation. (See Beckel, Victor V., assignor.)
- Chrysler Corporation. (See Burnett, John L., assignor.)
- Chrysler Corporation. (See Calkins, William G., assignor.)
- Chrysler Corporation. (See Calkins, W. G., and Langhammer, assignors.)
- Chrysler Corporation. (See Davidson, Thomas D., assignor.)
- Chrysler Corporation. (See Diamant, Nicholas S., assignor.)
- Chrysler Corporation. (See Eisele, Charles W., assignor.)
- Chrysler Corporation. (See Glassford, Fred, assignor.)
- Chrysler Corporation. (See Hansen, W. C., and Webb, assignors.)
- Chrysler Corporation. (See Lee, Roger K., assignor.)
- Chrysler Corporation. (See Lind, Frederick A., assignor.)
- Chrysler Corporation. (See McCortney, W. J., and Bailey, assignors.)
- Chrysler Corporation. (See Molly, Hans, assignor.)
- Chrysler Corporation. (See Mulhern, William A., assignor.)
- Chrysler Corporation. (See Roualet, André, assignor.)
- Chrysler Corporation. (See Ryan, Frank P., assignor.)
- Chrysler Corporation. (See Skelton, Owen R., assignor.)
- Chrysler Corporation. (See Snow, Robert R., assignor.)
- Chrysler Corporation. (See Spurr, Robert E., assignor.)
- Chrysler Corporation. (See Staley, Allen G., assignor.)
- Chrysler Corporation. (See Stamy, David R., assignor.)
- Chrysler, William A., Chatham, Ontario, Canada. Honey comb decapping machine. 1,992,058; Feb. 19.
- Chryst, William A., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Jacking device. 1,992,519; Feb. 26.
- Chryst, William A., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorber. 2,006,789; July 2.
- Chubb, Lewis W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Modulation of light beams. 1,997,628; Apr. 16.
- Chubb, Rowland A., Los Angeles, Calif. Sign and producing the same. 1,989,348; Jan. 29.
- Chubbuck, Leonard B., G. R. Whart, and K. L. Li-gard Jeppesen, Hamilton, Ontario, Canada, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,021,499; Nov. 19.
- Chuck, Faw Yap, San Francisco, Calif. Therapeutic substance and manufacture. 2,008,095; July 16.
- Chuck, Faw Yap, assignor to Western Condensing Company, Petaluma, Calif. Stabilizing milk powder and similar colloidal products. 2,016,592; Oct. 8.
- Chudner, Joseph, Brooklyn, N. Y. Edge trimming attachment. 1,994,385; Mar. 12.
- Churan, James, Long Island City, N. Y. Combined brush rest and wiper. 1,994,335; Mar. 12.
- Church, C. F., Mfg. Co. (See Carlson, George W., assignor.)
- Church, Clifford C., Needham, Mass. Manufacture of display cards, containers, and the like with raised figures. 2,000,922; May 14.
- Church, George R., et al. (See Laming, Omar J., assignor.)
- Church, George T. and M. P. Green, assignors to Fretz-Moon Tube Company, Inc., Butler, Pa. Welding horn. 2,009,476; July 30.
- Church, Harold D., assignor to The White Motor Company, Cleveland, Ohio. Lubricating system. 1,993,359; Mar. 5.
- Church, Harold D., assignor to The White Motor Company, Cleveland, Ohio. Internal combustion engine. 2,003,677; June 4.
- Church, Harold D., assignor to The White Motor Company, Cleveland, Ohio. Motor vehicle. 2,005,312; June 18.
- Church, Harold D., assignor to The White Motor Company, Cleveland, Ohio. Internal combustion engine. 2,019,657; Nov. 5.
- Church, Harold D., assignor to The White Motor Company, Cleveland, Ohio. Transmission. 2,022,618; Nov. 26.
- Church, Harold D., Cleveland Heights, assignor to The White Motor Company, Cleveland, Ohio. Clutch. 2,018,834; Oct. 29.
- Church, Harold D., Cleveland Heights, assignor to The White Motor Company, Cleveland, Ohio. Valve compensator. 2,019,444; Oct. 29.
- Church, Harold D., Cleveland Heights, assignor to The White Motor Company, Cleveland, Ohio. Transmission. 2,021,404; Nov. 19.
- Church, James F., Winthrop, Me. Concealed antisiphon lavatory and sink trap. 2,015,469; Sept. 24.
- Church, John W., and R. R. McClure, assignors to Pure Calcium Products Company, Painesville, Ohio. Making an alkaline earth metal carbonate of improved color. 1,994,271; Mar. 12.
- Church, Maury A., Jefferson City, Mo. Power concrete strike-off template. 2,021,767; Nov. 19.
- Church, Omer F., assignor to Road Supply Co., Arthur, Ill. Road machine. 2,002,431; May 21.
- Church, Walter L., Houston, Tex. Casing perforator. 2,007,519; July 9.
- Church, Walter L., Houston, Tex. Drilling apparatus. 2,014,927; Sept. 17.
- Church, Walter L., Houston, Tex. Cementing and testing wells. 2,016,919; Oct. 8.
- Church, Walter L., Houston, Tex. Packer and setting tool. 2,017,434; Oct. 15.
- Church, Walter L., Houston, assignor of one-half to W. L. Pearce, Harris County, Tex. Sample taking apparatus. 1,998,075; Apr. 16.
- Church, Walter L., assignor of one-half to Texas Iron Works Sales Corporation, Houston, Tex. Packing anchor. 2,021,223; Nov. 19.
- Church, William H., Mount Vernon, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Centrifugal pump. 1,988,163; Jan. 15.
- Church, William H., Mount Vernon, C. B. Kidney, West Brighton, Staten Island, N. Y., P. Hoffman and W. E. Trumpler, Easton, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J. Gas mixing device. 2,010,507; Aug. 6.
- Churcher, Brian A. G., Bowdon, England, assignor to General Electric Company. Electrical measuring system. 2,004,780; June 11.
- Churchill, Jesse B., Plympton, Mass., assignor of one-third to H. D. Edwards, Larchmont, and one-third to E. T. Williams, Pelham Manor, N. Y. Refrigerant. 1,996,538; Apr. 2.
- Churchill Machine Tool Company Limited, The. (See Asbridge, Harry H., assignor.)
- Churco, Harry W. (See Gorman, J. W., and Churco.)
- Chute, Harold G., Seattle, Wash. Pack carrier. 2,008,201; July 16.
- Chutorash, Gustave, assignor to General Motors Corporation, Detroit, Mich. Cowl ventilator. 2,017,528; Oct. 15.
- Ciamci, Anthony, et al. (See Humphrey, Leo H., assignor.)
- Cianettoni, Primo P., et al. (See Looft, Otto, assignor.)
- Ciba Products Corporation. (See Gams, A., and Frey, assignors.)
- Ciba Products Corporation. (See Gams A., and Merkl, assignors.)
- Ciba Products Corporation. (See Gams, A., Widmer, and Frey, assignors.)
- Cibie, Pierre, Paris, France. Starting device for engines. 2,025,195; Dec. 24.
- Cicero, Joaquin B., and C. Rieg, San Antonio, Tex. Cooking and frying apparatus. 2,010,219; Aug. 6.
- Cicin, Paul, Mainz, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Nuremberg, Germany. Weir. 1,994,687; Mar. 19.
- Cicin, Paul, Mainz, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Nuremberg, Germany. Weir. 1,994,688; Mar. 19.
- Ciechanow, Saul A. (See Goldberg, M. J. and Ciechanow.)
- Cigavend Corporation, The. (See Starr, J. W., and Elliott, assignors.)
- Cilley, Jared F., Wadhams, N. Y. Vacuum relief valve. 2,003,678; June 4.
- Cimatool Company, The. (See Martin, Ray I., assignor.)
- Cimatool Company, The. (See Poock, L. F., and Powell, assignors.)
- Cimatti, Riccardo. (See De Faveri, S., and Cimatti.)
- Cimorosi, Alberto, Elkton, Md. Railroad torpedo. 2,006,537; July 2.
- Cinch Manufacturing Corporation. (See Allison, Kenneth C., assignor.)
- Cinch Manufacturing Corporation. (See Bessey, Edward F., assignor.)
- Cinch Manufacturing Corporation. (See Knutson, Carl L., assignor.)
- Cinch Manufacturing Corporation. (See Pool, Esson J., assignor.)
- Cincinnati Advertising Products Company, The. (See Mattman, Gustave F., assignor.)
- Cincinnati Advertising Products Company, The. (See Wilkinson, Jay S., assignor.)
- Cincinnati Ball Crank Company, The. (See Butler, Clyde G., assignor.)

- Cincinnati Ball Crank Company, The. (See Harris, Cleo, assignor.)
- Cincinnati Ball Crank Company, The. (See Harris, C., and Clark, assignors.)
- Cincinnati Bickford Tool Company, The. (See Klausmeyer, David C., assignor.)
- Cincinnati Bickford Tool Company, The. (See Klausmeyer, D. C., and Sosa, assignors.)
- Cincinnati Bickford Tool Company, The. (See Schauer, Lawrence L., assignor.)
- Cincinnati Bickford Tool Company, The. (See Schauer, L. L., and Kincaid, assignors.)
- Cincinnati Bickford Tool Company, The. (See Schauer, L. L., and Sosa, assignors.)
- Cincinnati Bickford Tool Company, The. (See Schauer, L. L., Sosa, and McKewen, assignors.)
- Cincinnati Bickford Tool Company, The. (See Sobolewski, Edward, assignor.)
- Cincinnati Bickford Tool Company, The. (See Sosa, Augustus M., assignor.)
- Cincinnati Bickford Tool Company, The. (See Williamson, Larkin R., assignor.)
- Cincinnati Butchers' Supply Company, The. (See Fritz, Eudolph A., assignor.)
- Cincinnati Butchers' Supply Company, The. (See Schmidt, Oscar C., assignor.)
- Cincinnati Grinders Incorporated. (See Bergstrum, S. E., Binns, Harrison, and Haas, assignors.)
- Cincinnati Grinders Incorporated. (See Binns, George W., assignor.)
- Cincinnati Grinders Incorporated. (See Binns, G. W., and Booth, assignors.)
- Cincinnati Grinders Incorporated. (See Booth, Clement, assignor.)
- Cincinnati Grinders Incorporated. (See Booth, C., and Haas, assignors.)
- Cincinnati Grinders Incorporated. (See Booth, C., and Strom, assignors.)
- Cincinnati Grinders Incorporated. (See Caster, John E., assignor.)
- Cincinnati Grinders Incorporated. (See Conover, Richard E., assignor.)
- Cincinnati Grinders Incorporated. (See Dall, Albert H., assignor.)
- Cincinnati Grinders Incorporated. (See Einstein, S., and Booth, assignors.)
- Cincinnati Grinders Incorporated. (See Elfving, John B., assignor.)
- Cincinnati Grinders Incorporated. (See Ernst, Hans, assignor.)
- Cincinnati Grinders Incorporated. (See Foerster, A. W., and Booth, assignors.)
- Cincinnati Grinders Incorporated. (See Gertiser, Frank M., assignor.)
- Cincinnati Grinders Incorporated. (See Haas, Frederick S., assignor.)
- Cincinnati Grinders Incorporated. (See Haas, F. S., and Goetzel, assignors.)
- Cincinnati Grinders Incorporated. (See Haas, F. S., and Vancil, assignors.)
- Cincinnati Grinders Incorporated. (See Harrison, Robert E. W., assignor.)
- Cincinnati Grinders Incorporated. (See Herfurth, Charles, assignor.)
- Cincinnati Grinders Incorporated. (See Kearns, Bernard A., assignor.)
- Cincinnati Grinders Incorporated. (See Nenninger, Lester F., assignor.)
- Cincinnati Grinders Incorporated. (See Nenninger, L. F., and Haas, assignors.)
- Cincinnati Grinders Incorporated. (See Nenniger, L. F., and Peaslee, assignors.)
- Cincinnati Grinders Incorporated. (See Peaslee, W., and Haas, assignors.)
- Cincinnati Grinders Incorporated. (See Peaslee, W., and Nenninger, assignors.)
- Cincinnati Grinders Incorporated. (See Plimmer, Alfred G., assignor.)
- Cincinnati Grinders Incorporated. (See Roehm, Erwin G., assignor.)
- Cincinnati Grinders Incorporated. (See Romaine, Millard, assignor.)
- Cincinnati Grinders Incorporated. (See Sheler, Frederick S., assignor.)
- Cincinnati Grinders Incorporated. (See Theler, Frederick J., assignor.)
- Cincinnati Milling Machine Company, The. (See Archea, W. D., and Romaine, assignors.)
- Cincinnati Milling Machine Company, The. (See Dall, A. H., and Sassen, assignors.)
- Cincinnati Milling Machine Company, The. (See Ernst, Hans, assignor.)
- Cincinnati Milling Machine Company, The. (See Ernst, H., and Goodrich, assignors.)
- Cincinnati Milling Machine Company, The. (See Ernst, H., Goodrich, and Nenninger, assignors.)
- Cincinnati Milling Machine Company, The. (See Ernst, H. and Nenninger, assignors.)
- Cincinnati Milling Machine Company, The. (See Ernst, H., and Sassen, assignors.)
- Cincinnati Milling Machine Company, The. (See Hieber, G. E., and Hoelscher, assignors.)
- Cincinnati Milling Machine Company, The. (See Hoelscher, W. G., Hieber, and Robinson, assignors.)
- Cincinnati Milling Machine Company, The. (See Isler, Herman R., assignor.)
- Cincinnati Milling Machine Company, The. (See Nenninger, L. F., and Einstein, assignors.)
- Cincinnati Milling Machine Company, The. (See Nenninger, L. F., and Ernst, assignors.)
- Cincinnati Milling Machine Company, The. (See Nenninger, L. F., and Hassman, assignors.)
- Cincinnati Milling Machine Company, The. (See Roehm, Erwin G., assignor.)
- Cincinnati Milling Machine Co., The. (See Romaine, Millard, assignor.)
- Cincinnati Milling Machine Company, The. (See Romaine, M., and Roehm, assignors.)
- Cincinnati Milling Machine Company, The. (See Sassen, Bernard, assignor.)
- Cincinnati Milling Machine Company, The. (See Schellenbach, William L., assignor.)
- Cincinnati Planer Company, The. (See McClellan, R. H., Langen, and Quillen, assignors.)
- Cincinnati Shaper Company, The. (See Hazelton, Robert T., assignor.)
- Cincinnati Soap Company, The. (See Woesner, John, assignor.)
- Cincinnati Time Recorder Company, The. (See Kautz, Delton R., assignor.)
- Cincinnati Time Recorder Company. (See Streckfuss, Elmer G., assignor.)
- Cinder Chrome Company. (See Hede, Arvid, assignor.)
- Cinecolor Inc. (See Crespinel, William T., assignor.)
- Cinema Development Company. (See Briel, Conrad G., assignor.)
- Cinema Patents Company. (See Lootens, Charles L., assignor.)
- Ciocia, James, Cleveland, Ohio. Trimming shears. 1,993,360; Mar. 5.
- Cioffari, Bernard, New Rochelle, N. Y., assignor to Radio Corporation of America. Television system. 2,011,271; Aug. 13.
- Ciolino, Charles N., Garfield, assignor to A. Gutierrez, Inc., Passaic, N. J. Pneumatic feeder. 1,993,240; Mar. 5.
- Cipriano, Gandolfo, Dongan Hills, N. Y. Flanging hats. 1,991,921; Feb. 19.
- Cipullo, Salvatore, et al. (See Girardi, Frank, assignor.)
- Circle F Manufacturing Company. (See Petersen, Carl M., assignor.)
- Circle Flexible Conduit Company, Inc. (See Furst, Isidor J., assignor.)
- Cirone, Joseph, and L. Franchina, Chicago, Ill. Heel cover. 1,994,122; Mar. 12.
- Cischke, Ernest H., Detroit, Mich. Power driven scaffold. 2,007,294; July 9.
- Cislak, Francis E. (See Derby, I. H., and Cislak.)
- Cislak, Francis E., assignor to P. C. Reilly, Indianapolis, Ind. Preservation of vegetable-fiber material. 2,022,231; Nov. 26.
- Cislak, Joseph E., Berwyn, Ill. Hypodermic needle. 1,993,398; Mar. 5.
- Citizens National Bank et al. (See Gwathmey, Joseph H., assignor.)
- Citizens National Trust and Savings Bank of Riverside et al., administrators. (See Parker, George D.)
- Citizens National Trust and Savings Bank of Riverside, administrator et al. (See Riggs, Fred W., assignor.)
- Citizens National Trust and Savings Bank of Riverside, Administrator, et al. (See Twomey, Herbert E., assignor.)
- Citizens Trust Company. (See Replogle, Daniel B., assignor.)
- Citizens Trust Company. (See Replogle, D. B., and Queen, assignors.)
- City Auto Stamping Company, The. (See Lint, Amos, assignor.)
- City Auto Stamping Company, The. (See Peterson, Peter, assignor.)
- City Auto Stamping Company, The. (See Whitlock, George E., assignor.)
- Cizin, Sam, San Pedro, Calif. Socket. 1,990,402; Feb. 5.
- Claar, Harry B., Watson, and B. C. Comer, Eppingham, Ill. Baling press. 1,990,526; Feb. 12.
- Claesson, Carl A., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Car heater. 1,987,603; Jan. 15.
- Claff, Chester E., Randolph, Mass. Box and making the same. 2,021,254; Nov. 19.
- Claff, Clarence L., Randolph, Mass. Box. 1,997,717; Apr. 16.
- Claff, Clarence L., Randolph, Mass. Folding box and making the same. 1,997,718; Apr. 16.
- Claff, Clarence L., Randolph, Mass. Box construction. 2,008,608; July 16.
- Claff, Clarence L., Randolph, Mass. Paper box. 2,024,795; Dec. 17.
- Claffin, Harry C., Cleveland, and D. O. Hubbard, Oberlin, Ohio, assignors to The Beryllium Corporation, New York, N. Y. Extracting metal values from ores. 1,991,272; Feb. 12.
- Claffin, Harry C., Marysville, Mich., assignor to The Beryllium Corporation, New York, N. Y. Manufacture of beryllium and alloys. 2,022,404; Nov. 26.
- Claggett, Albert D., assignor of one-half to C. D. Titus and one-half to H. G. Claggett, Denver, Colo. Automatic lighting and dispensing device. 1,990,856; Feb. 12.

- Claggett, Horace G., et al. (See Claggett, Albert D., assignor.)
- Clampitt, Elmer, assignor of one-third to H. R. Champ, Indianapolis, Ind. Airplane mail pickup. 2,014,557; Sept. 17.
- Clancy, Andrew J., assignor to Turner Dock Transfer Company, Inc., New York, N. Y. Merchandise conveying and stacking means. 1,996,458; Apr. 2.
- Clancy, Fred V. (See Freeman, L. E., and Clancy.)
- Clancy, Fred V., San Jose, Calif. Brake shoe expander. 2,000,011; May 7.
- Clapp, James K., Auburndale, Mass., assignor to General Radio Company, Cambridge, Mass. Electrical system. 2,012,497; Aug. 27.
- Clapp, Lewis J., Claremont, N. H., assignor to Sullivan Machinery Company. Valve mechanism. 1,998,444; Apr. 23.
- Clapp, Lewis J., Claremont, N. H., assignor to Sullivan Machinery Company. Air compressor. 2,026,300; Dec. 31.
- Clapp, Lewis J., Michigan City, Ind., assignor to Sullivan Machinery Company. Air compressor. 2,026,301; Dec. 31.
- Clapsadle, Leo J. (See Cox, H. L., and Clapsadle.)
- Clar, Carl. (See Tramm, H., and Clar.)
- Clare, Francis, assignor of one-half to H. W. Elliott, London, England. Ironing or pressing garments, hosiery, woven, knitted, or other goods. 1,995,093; Mar. 19.
- Clare, Hermann, Bern, Switzerland. Machine for enclosing letters in envelopes. 2,019,211; Oct. 29.
- Clare, Hermann, Bern, Switzerland. Machine for enclosing letters in envelopes. 2,019,212; Oct. 29.
- Claret, Roger J., assignor to Natural By-Products Corporation, New York, N. Y. Production of carbon-dioxide from flue gases. 2,003,922; June 4.
- Claridge, Samuel J., Portland, Oreg. Electrically heated steering wheel for vehicles and other purposes. 2,018,947; Oct. 29.
- Clark, Albert B., Dorchester, assignor of one-fifth to O. M. Dahl, Boston, Mass. Speed change gearing device. 2,019,174; Oct. 29.
- Clark, Albert R., assignor to The De Vilbiss Company, Toledo, Ohio. Spray coating exhaust system. 1,989,270; Jan. 29.
- Clark, Aldie B. (See Brown, J. E., and Clark.)
- Clark, Alfred J., Caldwell, N. J. Can punch and sealer. 2,018,485; Oct. 22.
- Clark, Arthur W., Upper Darby, Pa. Safety fastener for necklaces and other chains. 2,015,616; Sept. 24.
- Clark, Carl L., and E. W. Warren, Ohio, assignors, by mesne assignments, to National Manufacturing Company, Sterling, Ill. Sliding door construction. 2,023,664; Dec. 10.
- Clark, Charles C., St. Bernard, Ohio, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Hydroxy sulphonated fatty acid esters and their production. 2,006,309; June 25.
- Clark, Clarence S., Wilmington, Ill. Knockdown scaffold. 1,995,668; Mar. 26.
- Clark, Claude L. (See Hildorf, W. G., White, and Clark.)
- Clark Controller Company, The. (See Mellon, James J., assignor.)
- Clark, Cyril B., Scarsdale, N. Y., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Manufacture of sulphuric acid. 1,995,292; Mar. 26.
- Clark, Cyril B., Scarsdale, N. Y., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Gas treatment. 1,995,293; Mar. 26.
- Clark, Cyril B., Scarsdale, N. Y., assignor to American Cyanamid Company, New York, N. Y. Production of sulphuric acid by the contact process. 2,019,893; Nov. 5.
- Clark, David M., Worcester, Mass. Elastic fabric. 2,016,168; Oct. 1.
- Clark, Douglas P. (See Meehan, John J., assignor.)
- Clark, Earl W. (See Clark, Carl L., and E. W.)
- Clark, Earl W., Warren, Ohio, assignor to Barber-Colman Company, Rockford, Ill. Sliding door construction. 1,985,976; Jan. 1.
- Clark, Earl W., Warren, Ohio, assignor, by mesne assignments, to National Manufacturing Company, Sterling, Ill. Sliding door construction. 1,990,470; Feb. 12.
- Clark, Earl W., East Lynn, Mass., assignor to General Electric Company. Frequency indicator. 1,989,547; Jan. 29.
- Clark, Edgar H. (See Carpenter, W. W., and Clark.)
- Clark, Edgar H., Forest Hills, and F. J. Scudder, Queens Village, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,021,291; Nov. 19.
- Clark, Egbert G. (See Goddard, Charles A., assignor.)
- Clark, Ephraim C. S., Gloucester, Mass. Winch. 2,011,998; Aug. 20.
- Clark Equipment Company. (See Burger, Frederick W., assignor.)
- Clark Equipment Company. (See Lapsley, Robert, assignor.)
- Clark Equipment Company. (See Mogford, E. C., and Spatta, assignors.)
- Clark Equipment Company. (See Spatta, George, assignor.)
- Clark, Francis R. (See Smith, E. L., and Clark.)
- Clark, Frank C., Floral Park, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Process and apparatus for dispensing measured quantities of liquefied gas. 2,018,835; Oct. 29.
- Clark, Frank J., Leominster, Mass., assignor to Du Pont Viscoloid Company, Wilmington, Del. Comb finishing apparatus and method. 1,996,062; Apr. 2.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Oil for transformers and the like. 1,988,299; Jan. 15.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Composition for retarding sludge formation. 1,988,300; Jan. 15.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Refining process. 1,994,302; Mar. 12.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Dielectric composition. 1,999,004; Apr. 23.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Electric device and dielectric material therefor. 2,007,792; July 9.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Insulating and cooling composition for electric devices. 2,019,336; Oct. 29.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Nitrochlor polyphenyl compound and making same. 2,019,337; Oct. 29.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Dielectric composition. 2,019,338; Oct. 29.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Snuffer composition. 2,019,339; Oct. 29.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Filtering apparatus. Filtering apparatus. 2,025,570; Dec. 24.
- Clark, Frank M., and W. M. Kutz, Pittsfield, Mass., assignors to General Electric Company. Halogenated composition. 1,998,309; Apr. 16.
- Clark, Frank M., and R. A. Ruscetta, Pittsfield, Mass., assignors to General Electric Company. Insulating composition for impregnating electrical tape. 2,004,781; June 11.
- Clark, Frank M., and W. M. Kutz, Pittsfield, Mass., assignors to General Electric Company. Halogenated polyphenyl ketone. 2,012,301; Aug. 27.
- Clark, Frank M., and W. M. Kutz, Pittsfield, Mass., assignors to General Electric Company. Halogenated material and preparing the same. 2,012,302; Aug. 27.
- Clark, Frank M., and J. H. Koenig, Pittsfield, Mass., assignors to General Electric Company. Electrolytic device. 2,022,500; Nov. 26.
- Clark, Frank R., Berwick, Pa. Ventilating means for automobiles. 2,013,601; Sept. 3.
- Clark, Fred L., Oklahoma City, Okla., assignor to Frick Company, Waynesboro, Pa. Adjustable bracket for the air tube of an ice can. 2,016,073; Oct. 1.
- Clark, Frederic B., Englewood, N. J. Automatic stacking apparatus. 2,019,843; Nov. 5.
- Clark, Frederic C., Newton, assignor to Skinner & Sherman, Inc., Boston, Mass. Container. 1,995,703; Mar. 26.
- Clark, Frederick C. (See Heymann, R. D., and Clark.)
- Clark, Frederick J., assignor to Eastman Machine Company, Buffalo, N. Y. Apparatus for pressing trousers and other articles. 2,021,224; Nov. 19.
- Clark, George C. (See Kurlan, Sidney, assignor.)
- Clark, George C., Beverly Hills, Calif. Shoe last. 1,994,568; Mar. 19.
- Clark, George C., Beverly Hills, Calif. Metal articulated shoe last. 1,994,569; Mar. 19.
- Clark, George C., Beverly Hills, Calif. Apparatus for molding hollow metal articles. 1,994,570; Mar. 19.
- Clark, George C., Beverly Hills, Calif. Apparatus for molding sections of an articulated member. 1,994,571; Mar. 19.
- Clark, George C., Beverly Hills, Calif. Apparatus for casting jointed members. 1,994,572; Mar. 19.
- Clark, George C., Beverly Hills, Calif. Apparatus for casting jointed shoe lasts. 1,994,573; Mar. 19.
- Clark, George H., Long Beach, Calif. Child's toilet seat. 2,016,542; Oct. 8.
- Clark, George W., assignor to The Westfield Manufacturing Company, Westfield, Mass. Bicycle construction. 1,991,789; Feb. 19.
- Clark, George W., assignor to The Westfield Manufacturing Company, Westfield, Mass. Handlebar post for bicycles. 1,994,303; Mar. 12.
- Clark, George W., assignor to The Westfield Manufacturing Company, Westfield, Mass. Bicycle wheel mounting. 1,995,794; Mar. 26.
- Clark, George W., assignor to The Westfield Manufacturing Company, Westfield, Mass. Casing for bicycle accessories. 1,995,795; Mar. 26.
- Clark, George W., assignor to The Westfield Manufacturing Company, Westfield, Mass. Resilient mounting for bicycle frames. 1,995,796; Mar. 26.
- Clark, George W., assignor to The Westfield Manufacturing Company, Westfield, Mass. Casing for bicycle accessories. 1,995,797; Mar. 26.
- Clark, Gordon H., Pottstown, and W. F. Clark, Philadelphia, Pa. Hyperpyrexator. 2,012,221; Aug. 20.

- Clark, Harold R., and R. W. Rush, Oil City, assignors to Allied Barrel Corporation, Oil City, Pa. Beer barrel. 2,010,977; Aug. 13.
- Clark, Harold W. (See Hills, L. W., and Clark.)
- Clark, Harold W., assignor to The Steel Sanitary Company, Alliance, Ohio. Tub bracket. 2,017,710; Oct. 15.
- Clark, Harry E., assignor to H. Jaffe, Chicago, Ill. Combined cigarette holder and ash tray. 1,997,043; Apr. 9.
- Clark, Harry J. (See Corron, G. R., and Clark.)
- Clark, Herbert, Tyseley, Birmingham, England, assignor to Bendix Aviation Corporation, South Bend, Ind. Vehicle brake. 1,995,880; Mar. 26.
- Clark, Hugh D., Winnipeg, Manitoba, Canada, assignor, by mesne assignments, to American Sales Book Company, Inc. Account book and binder. 2,009,981; July 30.
- Clark, J. Spencer. (See Florman, Irving, assignor.)
- Clark, James D'A. (See Howell, C. M., and Clark.)
- Clark, James D'A., and H. A. Kidd, Chillicothe, assignors to The Mead Research Engineering Company, Dayton, Ohio. Apparatus for producing a thermoplastic covered metallic article. 1,996,951; Apr. 9.
- Clark, James E., assignor to W. H. Sterling, Detroit, Mich. Burglar alarm. 1,989,666; Feb. 5.
- Clark, James E., Long Island City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mounting electrodes. 2,000,163; May 7.
- Clark, James E., Long Island City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,019,484; Nov. 5.
- Clark, James R., assignor to The Yawman & Erbe Manufacturing Company, Rochester, N. Y. Sway type partition and drawer. 2,012,035; Aug. 20.
- Clark, Jean H., El Monte, Calif., assignor to American Telephone and Telegraph Company, New York, N. Y. Potentiometer device. 2,024,275; Dec. 17.
- Clark, Jean H., and H. N. Marsh, Huntington Park, Calif. Measuring bottom hold pressures. 1,991,658; Feb. 19.
- Clark, Jesse H. (See Snyder, C. M., and Clark.)
- Clark, Jesse H., Cicero, assignor to Walker Dishwasher Corporation, Chicago, Ill. Washing apparatus. 1,995,633; Mar. 26.
- Clark, Jesse H., Cicero, assignor to Walker Dishwasher Corporation, Chicago, Ill. Washing apparatus. 1,995,634; Mar. 26.
- Clark, Jesse H., Cicero, Ill., assignor to Walker Dishwasher Corporation, Chicago, Ill. Washing apparatus. 1,995,635; Mar. 26.
- Clark, Jesse H., Cicero, Ill., assignor to Walker Dishwasher Corporation, Chicago, Ill. Washing apparatus. 1,995,636; Mar. 26.
- Clark, Jesse H., Cicero, assignor to Walker Dishwasher Corporation, Chicago, Ill. Fluid valve. 2,003,173; May 28.
- Clark, Jesse H., Cicero, Ill., assignor to Walker Dishwasher Corporation, Chicago, Ill. Washing apparatus. 2,025,571; Dec. 24.
- Clark, Jesse L., and N. Mansfield, assignors to Dr. Hess & Clark, Inc., Ashland, Ohio. Device for applying an insect destroyer and/or repellent to domestic animals. 1,999,122; Apr. 23.
- Clark, Jesse L., and N. Mansfield, assignors to Dr. Hess & Clark, Inc., Ashland, Ohio. Insecticide applicator. 1,999,123; Apr. 23.
- Clark, John A., assignor to Manton-Gaulin Manufacturing Company, Inc., St. Johnsbury, Vt. Homogenizer. 2,023,043; Dec. 3.
- Clark, John D., et al. (See Liebler, Theodore H., assignor.)
- Clark, John J., Clinton, Iowa. Toy transportation system. 2,004,915; June 11.
- Clark, John M. (See Ford, I. D., and Clark.)
- Clark, John M., assignor to Universal Button Fastening & Button Company, Detroit, Mich. Suspender adjusting device. 1,992,414; Feb. 26.
- Clark, John M., assignor to Universal Button Fastening & Button Company, Detroit, Mich. Button. 1,999,034; Apr. 23.
- Clark, John M., Detroit, Mich., and I. D. Ford, deceased, Roseland, Ontario, by V. M. Ford, Roseland, and The Canada Trust Company, London, Ontario, Canada, executors and trustees, assignors to Universal Button Fastening & Button Company, Detroit, Mich. Button manufacture. 2,016,240; Oct. 1.
- Clark, John M., Detroit, Mich., and I. D. Ford, deceased, Roseland, Ontario, by The Canada Trust Company, London, Ontario, and V. M. Ford, Roseland, Ontario, Canada, executors and trustees, assignors to Universal Button Fastening & Button Company, Detroit, Mich. Button. 2,016,241; Oct. 1.
- Clark, John R. (See Kalgren, John E., assignor.)
- Clark, Joseph C., San Angelo, Tex. Capsule administering device. 2,017,783; Oct. 15.
- Clark, Katherine A., Kansas City, Mo. Making candy laxative tablets. 1,991,139; Feb. 12.
- Clark, Kenneth A., assignor of one-third to H. O. Roepe and one-third to N. B. Madsen, Waterloo, Iowa. Adjustable piston. 1,990,815; Feb. 12.
- Clark, Kline, Savannah, Mo. Gate mechanism. 2,017,202; Oct. 15.
- Clark, Lancaster P., Jr., South Norwalk, Conn. Electrical plug device. 2,010,847; Aug. 13.
- Clark, Lancaster P., Jr., Fairfield, Conn. Electrical plug device. 2,014,423; Sept. 17.
- Clark, Lee H., Grosse Ile, Mich., and F. J. Worster, Belle, W. Va., assignors to The Sharples Solvents Corporation, Philadelphia, Pa. Making aliphatic alcohols. 2,006,942; July 2.
- Clark, Leverett M., assignor to Waugh Equipment Company, Depew, N. Y. Hand strap. 1,999,958; Apr. 30.
- Clark, Lincoln, Pasadena, Calif. Treating hydrocarbon materials. 1,989,445; Jan. 29.
- Clark, Malcolm, assignor to The Taylor-Winfield Corporation, Warren, Ohio. Press welder for metal doors. 2,021,173; Nov. 19.
- Clark, Melburn, and T. J. Callan, Vallejo, Calif. Kitchen utensil. 2,001,815; May 21.
- Clark Metal Products, Inc. (See Hill, Ralph B., assignor.)
- Clark Metal Products, Inc. (See Jordan, Daniel L., assignor.)
- Clark Metal Products. (See Roy, John B., assignor.)
- Clark, Otto B. (See Harris, C., and Clark.)
- Clark, Otto B., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,022,706; Dec. 3.
- Clark, Otto B., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,025,228; Dec. 24.
- Clark, Ralph S., assignor to Kalamazoo Vegetable Parchment Company, Kalamazoo, Mich. Paper feeding apparatus. 1,998,271; Apr. 16.
- Clark, Raymond L., assignor, by mesne assignments, to Armortite Equipment Incorporated, Rochester, N. Y. Observation compartment for prisons and the like. 1,986,712; Jan. 1.
- Clark, Raymond L., assignor to Armortite Equipment Incorporated, Rochester, N. Y. Escapeproof window for prisons. 1,986,713; Jan. 1.
- Clark, Raymond L., assignor to Armortite Equipment Incorporated, Rochester, N. Y. Gas outlet for use in prisons and other places. 1,995,962; Mar. 26.
- Clark, Robert G., Brooklyn, assignor to J. W. Mengel, New York, N. Y. Typewriter. 2,021,174; Nov. 19.
- Clark, Samuel C., Pontiac, Mich., assignor to Baldwin Rubber Company. Mat and method of manufacturing it. 1,999,441; Apr. 30.
- Clark, Samuel C., Pontiac, Mich., assignor to Baldwin Rubber Company. Rubber die. 2,013,949; Sept. 10.
- Clark, Sydney J., assignor to The Young Accumulator Company (1929) Limited, New Malden, England. Manufacture of porous ebonite diaphragms for electric batteries and other purposes. 2,008,242; July 16.
- Clark, Thomas B. (See Sweeney, O. R., and Clark.)
- Clark, Thomas B., Rockford, Ill., assignor, by mesne assignments, to The Permutit Company (1934), Wilmington, Del. Water softening apparatus. 2,003,739; June 4.
- Clark, Thomas H., Marion, Ohio. Bucket closure. 2,021,683; Nov. 19.
- Clark Thread Company, The. (See Carter, James S. F., assignor.)
- Clark Thread Company, The. (See Morse, A. J., and Carr, assignors.)
- Clark Thread Company, The. (See Nunan, Thomas J., assignor.)
- Clark Thread Company, The. (See Thomas, F. W., and Lewis, assignors.)
- Clark Tractor Company. (See Burrows, R. J., and Williams, assignors.)
- Clark, Virgilus E., Baltimore, Md., assignor, by mesne assignments, to North American Aviation, Inc. Aileron control. 2,018,546; Oct. 22.
- Clark, Walter A., and F. W. Mitton, Everett, assignors to Stone and Forsyth Company, Boston, Mass. Display carton. 2,020,876; Nov. 12.
- Clark, Warren F. (See Clark, Gordon H., and W. F.)
- Clark, William A., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Spring structure. 2,005,454; June 18.
- Clark, William A., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring structure. 2,005,455; June 18.
- Clark, William A., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring structure. 2,021,405; Nov. 19.
- Clarke, Allen W., and W. F. Dietrichson, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Cooling and conditioning air. 2,000,821; May 7.
- Clarke, Carole A., Chatham, and L. A. Elmer, West Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Velocity comparing system for film driving apparatus. 2,017,653; Oct. 15.
- Clarke, Cecil V., Bedford, England. Brake operating mechanism for use with trailers. 2,013,033; Sept. 3.
- Clarke, Charles J., Kingsburg, Calif. Fishing reel holder. 1,995,242; Mar. 19.
- Clarke, Charles J., Kingsburg, Calif. Lacing or fastening boots, shoes, or the like. 1,995,243; Mar. 19.
- Clarke, Eugene C., Chambersburg, assignor to Chambersburg Engineering Company, Chambersburg, Pa. Slide valve. 2,000,822; May 7.
- Clarke, Frank H., Lakewood, Ohio. Floor machine. 2,007,073; July 2.
- Clarke, Frederick, Long Island City, N. Y. Splint. 2,016,958; Oct. 8.
- Clarke, George. (See Sheffield, C. C., and Clarke.)

- Clarke, Hans T., New York, and C. J. Malm, assignors to Eastman Kodak Company, Rochester, N. Y. Making cellulose esters and the products resulting therefrom. 1,987,053; Jan. 8.
- Clarke, Hans T., New York, and C. J. Malm, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose mixed ester composition. 2,021,887; Nov. 26.
- Clarke, James M., Evansville, Ind., assignor to Servel Inc., New York, N. Y. Combination bubbler and glass filler. 2,001,341; May 14.
- Clarke, Leveson C., Fife, England, assignor to Automatic Lubrication Limited, Brighton, Sussex, England. Greasecup. 2,011,616; Aug. 20.
- Clarke, Louis, College Point, N. Y. Clamping edging. 1,999,398; Apr. 30.
- Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Solvent refining of hydrocarbon oil. 2,000,690; May 7.
- Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Solvent refining of hydrocarbon oil. 2,020,290; Nov. 12.
- Clarke, Louis A., Fishkill, and C. C. Towne, Poughkeepsie, N. Y., assignors to The Texas Company, New York, N. Y. Motor fuel. 2,023,871; Dec. 10.
- Clarke, Norman A., assignor to The Westfield Manufacturing Company, Westfield, Mass. Bicycle signaling device. 2,011,850; Aug. 20.
- Clarke, Patrick J., Duluth, Minn. Child's indoor slide. 2,016,891; Oct. 8.
- Clarkson, Bradley E. (See Gaffner, Walter B., assignor.)
- Clarkson, John L., et al. (See Voelkel, Elmer G., assignor.)
- Clarkson, Richard G. (See Calcott, W. S., and Clarkson.)
- Clarkson, Richard G. (See Downing, F. B., and Clarkson.)
- Clarkson, Richard G. (See Downing, F. B., Clarkson, and Deese.)
- Clarkson, Richard G. (See Downing, F. B., Clarkson and Reynolds.)
- Clarkson, Richard G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Non-corrosive liquid. 1,993,773; Mar. 12.
- Clarkson, Richard G., Wilmington, Del., and F. W. Johnson, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyeing. 2,021,932; Nov. 26.
- Clarkson, Vincent J., Leeds, England. Device for use in, or in connection with, machines for sewing-on buttons. 1,990,267; Feb. 5.
- Clarkson, Vincent J., Leeds, England. Machine or apparatus for threading buttons on to a wire or wires or the equivalent. 2,004,464; June 11.
- Clarvoe, George W., Somerville, N. J., assignor to John-Manville Corporation, New York, N. Y. Vibration damping material. 2,008,654; July 16.
- Clarvoe, George W., Somerville, N. J., assignor to John-Manville Corporation, New York, N. Y. Vibration damping structure and making. 2,008,655; July 16.
- Clarvoe, George W., Somerville, N. J., assignor to John-Manville Corporation, New York, N. Y. Composition of matter. 2,016,892; Oct. 8.
- Clary, David H. (See Smith, P. D., and Clary.)
- Clary, Loraine M. (See Matthews, E. C., and Clary.)
- Clary, Patrick T., Carnegie, Pa. Processing coffee. 2,017,892; Oct. 22.
- Clasen, Anthony, and F. X. Scholtes, Kilgore, Nebr. Sand point puncher for wells. 2,023,064; Dec. 3.
- Claspy, Bert H., and C. R. White, Dowagiac, Mich. Hydraulic brake apparatus. 1,993,873; Mar. 12.
- Classen, Alexander, Aachen, Germany, assignor to A. H. Fleming, Pasadena, Calif. Production of furfural from cellulose and cellulose containing materials. 2,008,006; July 16.
- Classen, Alexander, Aachen, Germany. Raising the calorific value of liquid fuel. 2,021,175; Nov. 19.
- Claud-Mantie, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Latch for automobile fender shrouds. 2,017,564; Oct. 15.
- Claude, André, Nanterre, France. Electric gaseous discharge device. 1,987,845; Jan. 15.
- Claude, Georges, and P. Boucherot, Paris, France. Method and apparatus for obtaining power from sea water. 2,006,985; July 2.
- Claude Neon Displays, Inc. (See Cavanaugh, Howard M., assignor.)
- Claude Neon Electrical Products Corporation. (See Erickson, Ellis O., assignor.)
- Claude Neon Electrical Products Corporation. (See Hyde, Ralph C., assignor.)
- Claude Neon Electrical Products Corporation. (See Hyde, R. C., and Erickson, assignors.)
- Claude Neon Lights, Inc. (See Beck, Leo L., assignor.)
- Claudius, Ferdinand C., Philadelphia, Pa. Respiratory protective apparatus. 1,999,086; Apr. 23.
- Claudius, Ferdinand C., Philadelphia, Pa. Clip. 2,015,617; Sept. 24.
- Clausen, George, Longview, Wash. Screen plate support. 2,003,923; June 4.
- Clausen, Harold C. (See Bone, H. L., and Clausen.)
- Clausen, Henry P., White Plains, N. Y. Magnifying attachment for slide rules. 2,005,362; June 18.
- Clausen, Herman W., assignor of one-half to P. C. Clausen, Los Angeles, Calif. Apparatus for transferring articles from the outside to the inside of an enclosure. 1,991,050; Feb. 12.
- Clausen, Jens, Harrisburg, Pa., assignor to Harrisburg Steel Corporation. Liquefier tank and sealing same. 2,016,226; Oct. 1.
- Clausen, Jens, Harrisburg, Pa., assignor to Harrisburg Steel Corporation. Liquefier tank. 2,016,227; Oct. 1.
- Clausen, Jens, Harrisburg, Pa., assignor to Harrisburg Steel Corporation. Tank construction. 2,016,228; Oct. 1.
- Clausen, Peter C. (See Clausen, Herman W., assignor.)
- Clausen, Thorvald T., Seattle, Wash. Helicopter. 2,004,310; June 11.
- Clauser, Herbert C. (See Decker, J. B., and Clauser.)
- Clausing, Arthur, Berlin-Grünwald, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Superegnerative receiver. 2,010,978; Aug. 13.
- Clausing, George, assignor to The Vulcan Corporation, Portsmouth, Ohio. Drafting shoe heels. 2,009,875; July 30.
- Clausing, George, assignor to The Vulcan Corporation, Portsmouth, Ohio. Machine for testing lasts. 2,013,458; Sept. 3.
- Clauss, Charles A. (See Watts, N. H., and Clauss.)
- Clauss, Charles A., Bridgeport, Conn., assignor to General Electric Company. Razor blade sharpening machine. 2,009,386; July 30.
- Clauss, Friedrich M., Berkshire Heights, assignor to Textile Works, Wyomissing, Pa. Wire formed knitting implement. 2,010,624; Aug. 6.
- Clauss, Harold A., Hammond, Ind., assignor to The Superheater Company, New York, N. Y. Injector. 2,007,269; July 9.
- Clauss, Julius A., Wyandotte, Mich., assignor to Great Lakes Steel Corporation. Apparatus for handling sheet steel. 2,008,200; July 16.
- Clauss, Max O., New York, N. Y. Pistol for distributing advertising projectiles. 2,019,894; Nov. 5.
- Claussen, Arthur W., and H. C. Floyd, assignors to McWane Cast Iron Pipe Co., Birmingham, Ala. Pipe joint. 2,009,650; July 30.
- Clavier, André G., Paris, France, assignor to Western Electric Company, Incorporated, New York, N. Y. Short wave oscillation generator. 1,987,989; Jan. 15.
- Clawson, Clement C., Jr., assignor to The Clawson Machine Co., Inc., Flagtown, N. J. Ice shaver. 1,988,482; Jan. 22.
- Clawson Machine Co., The. (See Clawson, Clement C., Jr., assignor.)
- Clawson, Philip E., Oakland, Calif. Coupling. 1,997,858; Apr. 16.
- Claxton, Edmund, and M. K. Bare, assignors to Armstrong Cork Company, Lancaster, Pa. Composition tile. 2,022,707; Dec. 3.
- Clay-Adams Company. (See Hirt, Paul, assignor.)
- Clay, George H., Kansas City, Mo. Truck tank construction. 2,006,669; July 2.
- Clay, Henry, and Bock & Company. (See Gregg, Albert H., assignor.)
- Clay, Murray G., New York, N. Y., assignor to Radio Corporation of America. Film gate. 2,017,203; Oct. 15.
- Clay, Murray G., New York, N. Y., assignor to Radio Corporation of America. Phonographic apparatus. 2,022,492; Nov. 26.
- Clay, Ollie C., Oklahoma City, Okla. High pressure valve. 2,014,759; Sept. 17.
- Clay, Oscar, South Bend, Ind. Caster. 2,003,249; May 28.
- Claybrook, Frederick W., Cumberland, Md. Ignition booster. 2,014,064; Sept. 10.
- Clayman, David, et al. (See Friedman, William H., assignor.)
- Clay Reduction Company. (See Svendsen, Svend S., assignor.)
- Clayton, Alec C., Willesden, London, England. Change speed gearing. 1,986,045; Jan. 1.
- Clayton, Alec C., London, England. Change speed gear. 2,009,477; July 30.
- Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 1,996,040; Mar. 26.
- Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,007,139; July 2.
- Clayton, Benjamin, Sugarland, Tex., and R. E. Burns, Los Angeles, Calif., assignors to Refining, Inc., Reno, Nev. Producing soap. 2,019,775; Nov. 5.
- Clayton, Benjamin, Sugarland, Tex., and R. E. Burns, Los Angeles, Calif., assignors to Refining, Inc., Reno, Nev. Apparatus for producing soap. 2,019,776; Nov. 5.
- Clayton, James, et al. (See Paden, Charles E., assignor.)
- Clayton and Lambert Manufacturing Company. (See McCurley, Charles, assignor.)
- Clayton & Lambert Manufacturing Company. (See Rueppel, F. R., and Balle, assignors.)
- Clayton, Lewis J., assignor to Viceroy Manufacturing Company, Limited, Toronto, Ontario, Canada. Continuous vulcanization of rubber goods. 1,999,751; Apr. 30.
- Clayton, Lewis J., assignor to The Viceroy Manufacturing Company, Limited, Toronto, Ontario, Canada. Machine for continuous molding of hollow rubber articles. 2,014,468; Sept. 17.
- Clayton, Lewis J., Toronto, Ontario, assignor to Viceroy Manufacturing Company, Limited, Toronto, Ontario, Canada. Continuous vulcanizing of rubber goods. 2,023,665; Dec. 10.

- Clayton, Martin M., Baden, Pa., assignor to National Electric Products Corporation, New York, N. Y. Electrical wiring system. 2,023,004; Dec. 3.
- Clayton Metcalfe & Company. (See Metcalfe, Percy W., assignor.)
- Clayton, William H., Fort Worth, Tex. Ice vending machine. 1,986,714; Jan. 1.
- Claytor, Edward M., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Winch control. 1,987,667; Jan. 15.
- Claywell, Van, Siren, Wis. Automobile wheel aligner. 2,006,613; June 25.
- Clean Coal Company Limited. (See Lessing, R., and Allen, assignors.)
- Clean Coal Company Limited, The. (See Lessing, R., Allen and Gyngell, assignors.)
- Cleaners Appliance Company. (See Schlesinger, Harry, assignor.)
- Cleaman, Charles M., Morristown, N. J. Foot treating apparatus. 2,025,936; Dec. 31.
- Cleaveland, John B., Short Hills, N. Y. Waterproofing composition. 2,022,405; Nov. 26.
- Cleavinger, Rhoades D., Dalhart, Tex. Grain header. 2,022,339; Nov. 26.
- Cleevely, Harry, Rankin, Pa. Apparatus for diluting gas. 2,004,311; June 11.
- Clegg, James H. (See Stanworth, S., Clegg, and Stanworth.)
- Clein, Elias. (See Mirel, Louis I., assignor.)
- Clein, Elias, Brooklyn, N. Y. Comb. 1,989,185; Jan. 29.
- Clem, Ross A., West Terre Haute, assignor to J. Entwistle, Terre Haute, Ind. Brick embossing device. 1,997,859; Apr. 16.
- Clemence, Elliott, Millburn, N. J. Electric lamp holder. 2,018,836; Oct. 29.
- Clemens, Emanuel, East Orange, N. J. Machine for making buttons and like articles. 2,019,072; Oct. 29.
- Clemens, Eugene C., Cannelton, Ind., assignor to The Bonnot Company, Canton, Ohio. Press for plastic materials. 2,007,074; July 2.
- Clemens, Fred J., East Haven, Conn., assignor to K-D Manufacturing Company, Lancaster, Pa. Hand tool. 2,001,707; May 21.
- Clemens, John G., Kenmore, N. Y. Clear vision device. 2,012,598; Aug. 27.
- Clemens, Ludwig, Berlin, Germany. Wrapper pad. 1,999,282; Apr. 30.
- Clemens, Ludwig, Berlin, Germany. Manufacturing wrapper pads. 1,999,283; Apr. 30.
- Clemenson, Edward G. (See Rhein, O., and Clemenson.)
- Clement, George A., Mount Vernon, N. Y. Manufacture of lenses. 2,007,366; July 9.
- Clement, Ivan C., Greenwood, assignor to Submarine Signal Company, Boston, Mass. Acoustic apparatus. 2,003,284; June 4.
- Clement, Sylvester F., assignor to The Visking Corporation, Chicago, Ill. Producing tubing. 2,002,258; May 21.
- Clement Talbot Limited. (See Trendell, Frederick W., assignor.)
- Clement, Victor A., Bayside, N. Y. Pastry cake and method and mold of making the same. 2,003,578; June 4.
- Clements, Arthur L., assignor to American Hair & Felt Company, Chicago, Ill. Apparatus for making carpet cushions. 2,012,303; Aug. 27.
- Clements, Frank L., Jr., Luling, Tex. Strainer for pipe lines. 1,987,142; Jan. 8.
- Clements, John W., assignor to The Wayne Works, Richmond, Ind. Vehicle body. 1,987,361; Jan. 8.
- Clements, Wellington L., Norfolk, Va. Auxiliary seat. 2,007,075; July 2.
- Clemons, Frederick A., Lake Wales, Fla. Tennis racket string tightener and gauge. 2,019,394; Oct. 29.
- Clendenin, Edward H., Cranford, N. J., assignor to Standard Oil Development Company. System of producing steam and water. 2,025,724; Dec. 31.
- Clesi, Francis P., C. B. Cousley, and C. Meyers, New Orleans, La. Regulator for charging generators. 2,000,125; May 7.
- Cleveland, Arch B., et al. (See Rogers, Thomas E., assignor.)
- Cleveland Automatic Machine Company, The. (See Brophy, John P., assignor.)
- Cleveland Automatic Machine Company, The. (See Ruple, Harry W., assignor.)
- Cleveland Chain & Mfg. Company, The. (See Holley, William G., assignor.)
- Cleveland, Charles H., Baton Rouge, La. Pressure flow synchronizer. 2,012,957; Sept. 3.
- Cleveland, Clarence E. (See Gray, Robert D., assignor.)
- Cleveland, Clarence E., Salina, Kans. Coloring stone. 2,016,593; Oct. 8.
- Cleveland Cliffs Iron Company, The. (See Olson, Edgar T., assignor.)
- Cleveland Cliffs Iron Company, The. (See Olson, E. T., and Goos, assignors.)
- Cleveland Cooperative Stove Company. (See Becvar, Joseph, assignor.)
- Cleveland Cooperative Stove Company, The. (See Herbert, George, assignor.)
- Cleveland Crane & Engineering Company, The. (See Bereit, Edwin W., assignor.)
- Cleveland, Dorothy B., Los Angeles, Calif. Convertible and portable wardrobe and clothes drier. 2,004,035; June 4.
- Cleveland Engineering Corporation. (See Hollmann, Hubert Q., assignor.)
- Cleveland Folding Machine Company, The. (See Dawson, J. C., and Williams, assignors.)
- Cleveland Folding Machine Company, The. (See Hitchcock, Reuben.)
- Cleveland Folding Machine Company. (See Olson, A., and Holms, assignors.)
- Cleveland Folding Machine Company, The. (See Tufts, Lesley R., assignor.)
- Cleveland Graphite Bronze Company, The. (See Palm, John V. O., assignor.)
- Cleveland Graphite Bronze Company, The. (See Palm, J. V. O., and Salzman, assignors.)
- Cleveland Graphite Bronze Company. (See Salzman, George S., assignor.)
- Cleveland Graphite Bronze Company, The. (See Sherwood, Glenn L., assignor.)
- Cleveland Graphite Bronze Company, The. (See Stockfeth, Berger, assignor.)
- Cleveland Hobbing Machine Company, The. (See Adams, Frank H., assignor.)
- Cleveland, James G., Enid, Okla. Fluid current turbine. 2,007,963; July 16.
- Cleveland Liner and Manufacturing Company. (See Phillips, R. S., and Garlin, assignors.)
- Cleveland Pneumatic Tool Company, The. (See DeMooy, John, assignor.)
- Cleveland Pneumatic Tool Company, The. (See Scott, Arthur, assignor.)
- Cleveland Pneumatic Tool Company, The. (See Speth, Lloyd G., assignor.)
- Cleveland Punch & Shear Works Company, The. (See Treer, Ross B., assignor.)
- Cleveland, Robert D., and R. E. Olson, assignors to Taylor Instrument Companies, Rochester, N. Y. Exhibiting and recording mechanism. 2,006,882; July 2.
- Cleveland Rock Drill Company, The. (See Curtis, John C., assignor.)
- Cleveland Rock Drill Company, The. (See Renfer, John E., assignor.)
- Cleveland Rock Drill Company, The. (See Renfer, J. E., and Slater, assignors.)
- Cleveland Rock Drill Company, The. (See Richardson, Led L., assignor.)
- Cleveland Shock Absorber Company, The. (See Mallory, Bonnie L., assignor.)
- Cleveland Steel Products Corporation, The. (See Beckett, Reginald W., assignor.)
- Cleveland Steel Products Corporation. (See Braun, H. S., and Slaght.)
- Cleveland Steel Products Corporation. (See Braun, Herman F., assignor.)
- Cleveland Steel Products Company, The. (See Drew, Walter H., assignor.)
- Cleveland Trust Company, The. (See Jardine, Frank, assignor.)
- Cleveland Twist Drill Company, The. (See Emmons, Joseph V., assignor.)
- Cleveland Welding Company, The. (See Fenzel, J. S., and Bound, assignors.)
- Cleveland Wire Spring Co. (See Sjolander, John L., assignor.)
- Cleveland Worm and Gear Company, The. (See Acker, George H., assignor.)
- Clewell, John H., Arlington, and F. V. Wemple, North Arlington, N. J., assignors to Du Pont Viscoid Company, Wilmington, Del. Removal of solvent from cellulosic plastics. 2,019,115; Oct. 29.
- Clickner, Forest H., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Food product. 2,015,256; Sept. 24.
- Clickner, Forest H., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Cheese filling for bakery products. 2,015,257; Sept. 24.
- Clickner, Forest H., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Cheese flavoring and producing the same. 2,015,258; Sept. 24.
- Clifford, Albert M. (See Sebrell, L. B., and Clifford.)
- Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Rubber composition and method of preserving rubber. 2,020,291; Nov. 12.
- Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preparation of organic disulphides. 2,024,567; Dec. 17.
- Clifford, Edward C., Sand Lake, N. Y. Traction device for tires. 1,988,965; Jan. 22.
- Clifford Manufacturing Co. (See Clifford, W. B., and Woods, assignors.)
- Clifford, Percy C., and J. Crespo y Garcia, Mexico, D. F. Mexico. Biophysical process for preserving and conserving fermentable liquids. 2,003,644; June 4.
- Clifford, Walter B., assignor to Clifford Manufacturing Co., Boston, Mass. Shock absorber. 1,993,703; Mar. 5.
- Clifford, Walter B., Boston, and J. E. Woods, Brookline, assignors to Clifford Manufacturing Co., Boston, Mass. Making thermostatic units for steam traps and the like. 1,992,605; Feb. 26.
- Clifton, James P., Blanchester, Ohio. Valve. 2,011,333; Aug. 13.
- Clifton Limited. (See Fitzpatrick, Hugh D., assignor.)

Climax, Jones & Quinn Company. (See Phillips, Harold P., assignor.)
 Climax Machinery Company. (See Campbell, William J., assignor.)
 Climax Molybdenum Company. (See Loeb, Carl M., Jr., assignor.)
 Cline, Allan J., Chicago, Ill. Web controlling device for printing presses. 2,006,628; July 2.
 Cline, Charles T. (See Melling, Joseph, assignor.)
 Cline, Irl R., assignor to Western Brick Company, Danville, Ill. Method and apparatus for coating the interior of mold surfaces. 1,991,013; Feb. 12.
 Cline, Joseph K. (See Major, R. T., and Cline.)
 Cline, Joseph K., Woodbridge, assignor to Merck & Co., Inc., Rahway, N. J. Preparing certain acyl-choline esters and their salts. 2,012,268; Aug. 27.
 Cline, Joseph K., Woodbridge, assignor to Merck & Co., Inc., Rahway, N. J. Acetyl choline acetate. 2,013,536; Sept. 3.
 Cline, Max, Glen Falls, assignor to International Paper Company, New York, N. Y. Deodorant. 2,024,145; Dec. 17.
 Clinedinst, Wendel W., Pawling, N. Y. Driving device for valves and the like. 1,996,365; Apr. 2.
 Clingstein, Heinrich, Cologne-on-the-Rhine, and M. Kahn, Cologne-Riehl, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuff. 1,989,472; Jan. 29.
 Clingstein, Heinrich, Cologne-on-the-Rhine, and F. Schubert, Leverkusen-I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-soluble azodyestuffs. 1,995,564; Mar. 26.
 Clingstein, Heinrich, Cologne-on-the-Rhine, and K. Döbmaier, Leverkusen-I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuff. 2,019,844; Nov. 5.
 Clinton, Harry D., Johnson City, N. Y. Textile spool. 1,987,990; Jan. 15.
 Clinton, Harry D., Johnson City, N. Y. Spool and bobbin. 1,987,991; Jan. 15.
 Clinton, James C., Chillicothe, Ohio. Receptacle and plug. 1,996,459; Apr. 2.
 Clipper Belt Lacer Company. (See Diamond, James K., assignor.)
 Clizbe, Floyd O., Chicago, Ill. Electromagnetic brake. 1,989,740; Feb. 5.
 Clo, Jay H., Baldwin, assignor to A. Schrader's Son, Inc., Brooklyn, N. Y. Valve stem. 2,008,096; July 16.
 Cloer, Venus U. (See Sims, W. F., and Cloer.)
 Cloke, Richard A., Brooklyn, N. Y. Necktie. 1,990,167; Feb. 5.
 Clontz, Joseph K., Winston-Salem, N. C. Quick-trip dry pipe valve. 2,022,586; Nov. 26.
 Clopay Corporation. (See Johnson, Samuel J., assignor.)
 Closure Service Company, The. (See Barnby, Herbert A., assignor.)
 Closure Service Company. (See Carvalho, Leslie R. N., assignor.)
 Closure Service Company, The. (See Johnson, Edward H., assignor.)
 Clough, Raymon W., Cranston, R. I. Shingle. 2,005,335; June 18.
 Clouse, William L., Tiffin, Ohio, assignor to The National Machinery Company. Machine for making bolts and the like. 1,994,242; Mar. 12.
 Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Bolt making machine. 1,998,979; Apr. 23.
 Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Bolt making machine. 2,005,495; June 18.
 Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Cold press. 2,017,784; Oct. 15.
 Clouser, William W., Hackensack, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake-shoe key. 2,013,982; Sept. 10.
 Cloutier, Arthur N. (See Lawson, R. H., and Cloutier.)
 Cloutier, Arthur N., Lonsdale, R. I. Braiding machine. 2,019,777; Nov. 5.
 Clouzeau, Louis V., Meudon Val Fleury, France, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purifying a mixture of acetaldehyde and acetic anhydride. 1,986,322; Jan. 1.
 Clover, Ralph, North Vernon, Ind. Turntable. 2,000,823; May 7.
 Clow, Peter, assignor of one-tenth to P. Bleika and one-third to I. Krohn, Easton, Pa. Pencil attachment. 2,018,296; Oct. 22.
 Clow, Samuel C. (See Rothgarn, Andrew E., assignor.)
 Cluett, Peabody & Co., Inc. (See Cluett, Sanford L., assignor.)
 Cluett, Peabody & Co. (See Hemmerich, Clayton C., assignor.)
 Cluett Peabody & Co. Inc. (See Wrigley, J. H., and Melville, assignors.)
 Cluett, Sanford L., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Cloth finishing. 1,992,194; Feb. 26.
 Cluett, Sanford L., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Mechanism for cloth finishing. 1,997,483; Apr. 9.
 Cluett, Sanford L., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Cloth finishing. 2,005,517; June 18.
 Clulow, Frederick S., Martinez, assignor to Shell Development Company, San Francisco, Calif. Colored lubricating oil. 2,017,529; Oct. 15.

Clum Manufacturing Company. (See Casagrande, L. B., and Bonness, assignors.)
 Clum Manufacturing Company. (See Pease, Frederick J., assignor.)
 Clum Manufacturing Company. (See Winning, Robert K., assignor.)
 Clutter, Bird C. (See Glassner, Joseph J., assignor.)
 Clutts, Charles E. (See Almquist, M. L., Edwards and Clutts.)
 Clutts, Charles E. (See Edwards, P. G. and Clutts.)
 Coady, James W., Halifax, Nova Scotia, Canada. Window screen. 1,987,143; Jan. 8.
 Coal Process Corporation. (See Wisner, Clarence B., assignor.)
 Coalson, Douglas. (See Salter, Carl S., assignor.)
 Coalson, Douglas, et al. (See Taylor, James Y., assignor.)
 Coan, Leo W., Superior, Colo. Protective device. 1,999,894; Apr. 30.
 Coast Auto Parts Co. et al. (See Sherman, William, assignor.)
 Coast Insulating Company. (See Smith, Herbert C., assignor.)
 Coast Mining Company. (See Locke, Frank W., assignor.)
 Coates, Charles B., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Ventilated induction motor. 1,996,460; Apr. 2.
 Coates, Charles B., and C. J. Dresser, Cleveland, Ohio, assignors to Chicago Pneumatic Tool Company, New York, N. Y. Power driven apparatus. 1,985,916; Jan. 1.
 Coates, Charles B., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Power hammer. 2,020,018; Nov. 5.
 Coates, Earl L., Pittsburgh, Pa. Variable pitch propeller. 2,020,239; Nov. 5.
 Coates, Fielding C., assignor to Mole-Richardson, Inc., Los Angeles, Calif. Voltage regulator. 2,005,363; June 18.
 Coates, Herbert J., Erdington, Birmingham, assignor to The General Electric Company Limited, London, England. Electric ship propulsion system. 2,009,576; July 30.
 Coates, Herbert J., Erdington, Birmingham, and S. A. G. Emms, Leamington Spa, assignors to The General Electric Company Limited, London, England. Electric ship propulsion system. 1,997,568; Apr. 16.
 Coates, William A., Bowdon, England, assignor to General Electric Company. Electric circuit breaker. 2,016,893; Oct. 8.
 Coates, William A., Bowdon, England, assignor to General Electric Company. Oil blast circuit breaker. 2,020,995; Nov. 12.
 Coats, J & P Limited, et al. (See Neilson, Alexander, assignor.)
 Cobb, Boughton, Hewlett, assignor to The Esmond Mills, New York, N. Y. Fabric and making same. 2,012,184; Aug. 20.
 Cobb, Charles C. (See Murdock, C. I., and Cobb.)
 Cobb, Earnest, Pinetops, N. C. Machine for sowing tobacco seed or the like. 2,026,460; Dec. 31.
 Cobb, Frederick G. (See Bahan, W. H., and Cobb.)
 Cobb, Frederick G., Lancaster, S. C. Filling detector for looms. 2,007,824; July 9.
 Cobb, George L., assignor of one-half to F. M. Henn, Den-ville, N. J. Walking motion. 2,010,482; Aug. 6.
 Cobb, F. Gordon, Charlotte, N. C., assignor to Draper Corporation, Hopedale, Mass. Loom stoppage recorder. 2,017,949; Oct. 22.
 Cobb, Harold E., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Control circuit. 2,011,851; Aug. 20.
 Cobb, Henry Z., Providence, and R. S. Francis, Rumford, R. I., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Spindle drive mechanism. 2,002,629; May 28.
 Cobb, Henry Z., Providence, R. I., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Stop mechanism. 2,023,407; Dec. 10.
 Cobb, Howard L., Boonton, N. J., assignor to Radio Corporation of America. Grid winding machine. 1,999,654; Apr. 30.
 Cobb, James F., Portland, Oreg. Dry kiln and in the art or kiln drying. 2,006,670; July 2.
 Cobb, John A., Columbus, Ohio, assignor to Streeter-Amet Company, Chicago, Ill. Scale. 2,016,768; Oct. 8.
 Cobb, Lewis E. (See Biggs, O. H., and Cobb.)
 Cobb, Richard H., Cleveland, Ohio. Spark plug. 2,012,657; Aug. 27.
 Cobbins, Peyton L. (See Boudreau, A., and Cobbins.)
 Coberly, Clarence J. (See Mendenhall, E., Van Horn and Coberly.)
 Coberly, Clarence J., assignor to Submersible Motor Pump Co. Ltd., Los Angeles, Calif. Seal for rotating shafts. 1,989,349; Jan. 29.
 Coberly, Clarence J., Los Angeles, assignor to Submersible Motor Pump Co., Ltd., Huntington Park, Calif. Method of and apparatus for reducing skin friction losses. 1,985,887; Jan. 1.
 Coberly, Clarence J., Los Angeles, assignor to Submersible Motor Pump Co., Ltd., Huntington Park, Calif. Sealing means for shafts. 1,989,548; Jan. 29.
 Coberly, Clarence J., Los Angeles, assignor to Kobe, Inc., Huntington Park, Calif. Timing machine. 1,993,957; Mar. 12.
 Cobham, Alan J., assignor to Alan Cobham Aviation Limited, London, England. Apparatus for refueling aircraft in the air. 2,023,310; Dec. 3.

- Coble, John B., assignor of one-fourth to F. J. Rittinger, one-fourth to W. W. Whitaker and one-fourth to E. A. Rittinger, Alexandria, Ky. Vehicle body. 2,007,295; July 9.
- Cobourn, Delbert F., Portsmouth, Ohio, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,023,635; Dec. 10.
- Cochran, Howard, Lewisburg, Tenn. Shoe. 2,020,240; Nov. 5.
- Cochran, Joseph T., Chicago, Ill. Sectional reflector sign. 1,990,223; Feb. 5.
- Cochran, Joseph T., Chicago, Ill. Sign and making it. 1,990,224; Feb. 5.
- Cochran, Joseph T., Chicago, Ill. Sign character. 1,995,114; Mar. 19.
- Cochran, Paul B., Parlin, N. J., M. V. Hitt, Wilmington, Del., and L. V. Taylor, Raritan Township, Middlesex County, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing cellulose nitrate. 1,997,766; Apr. 16.
- Cochran, Ralf S., and J. R. Moser, assignors to Surface Combustion Corporation, Toledo, Ohio. Walking beam furnace. 2,017,024; Oct. 8.
- Cochran, Ulus, Louisville, Ky. Combination revolving hat and cloak rack. 1,992,858; Feb. 26.
- Cochran, Walter L., et al. (See Stannard, Benjamin F., assignor.)
- Cochrane Corporation. (See Henderson, David, assignor.)
- Cochrane Corporation. (See Kittredge, Arthur E., assignor.)
- Cochrane Corporation. (See Melas, William, assignor.)
- Cochrane Corporation. (See Rohlin, Victor A., assignor.)
- Cochrane, John D., Jr., assignor to The Formica Insulation Company, Cincinnati, Ohio. Synthetic resin product and process. 1,997,358; Apr. 9.
- Cochrane, John D., Jr., assignor to The Formica Insulation Company, Cincinnati, Ohio. Laminated product and process. 1,997,359; Apr. 9.
- Cockcroft, John D., and E. T. S. Walton, Cambridge, England. System for the voltage transformation of direct current electrical energy. 1,992,908; Feb. 26.
- Cockrell, William D., Schenectady, N. Y., assignor to General Electric Company. Photo-electric relay apparatus. 1,992,055; Feb. 19.
- Cockrell, William D., Schenectady, N. Y., assignor to General Electric Company. Control system for electron discharge devices. 1,998,950; Apr. 23.
- Cockrell, William D., Schenectady, N. Y., assignor to General Electric Company. Time delay circuit controlling apparatus. 2,003,992; June 4.
- Cockrell, William D., Schenectady, and P. Juchter, Scotia, N. Y., assignors to General Electric Company. Counting apparatus. 1,995,881; Mar. 26.
- Cockrill, Leonard O. (See Morris, D. C., and Cockrill.)
- Cockrum, Harry B., Portland, Oreg. Shoe construction. 2,007,157; July 9.
- Cocks, Edgar, and L. D. McGown, assignors, by mesne assignments, to Los Angeles Wall Bed Co., Los Angeles, Calif. Filter. 2,024,719; Dec. 17.
- Cocks, Frank L., Glen Cove, assignor to Arbuckle Brothers, New York, N. Y. Shaking mechanism for can filling machines. 2,010,220; Aug. 6.
- Coddington, Howard O., assignor to The Andrews Company, Spartanburg, S. C. Steel heddle frame. 1,998,358; Apr. 16.
- Code Electric Products Corporation. (See Lewis, Morgan J., assignor.)
- Coder, Joseph, Marseilles, France. Automatic coupling device for vehicles. 2,014,963; Sept. 17.
- Codney, Arthur O., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Specific gravity indicating device. 1,992,813; Feb. 26.
- Cody, Barney. (See Shafer, George J., assignor.)
- Cody, John J., et al. (See Waltman, Burton B., assignor.)
- Coe, James R., Watertown, assignor to The American Brass Company, Waterbury, Conn. Strip metal winding block. 1,988,439; Jan. 22.
- Coe, James R., Watertown, assignor to The American Brass Company, Waterbury, Conn. Rolling mill. 1,993,919; Mar. 12.
- Coe, James R., Watertown, Conn., assignor to The American Brass Company, Waterbury, Conn. Brazed joint and making. 2,012,443; Aug. 27.
- Coe Manufacturing Company, The. (See Haumann, George, assignor.)
- Coe Manufacturing Company, The. (See Moore, Richard C., assignor.)
- Coenning, Ernst, Halensee, near Berlin, Germany. Anti-skidding tire. 2,004,036; June 4.
- Coffee Products of America Inc., Ltd. (See Brown, James W., assignor.)
- Coffey, Irven E., Santa Ana, Calif. In and out terminal cleaning tool. 2,003,629; June 4.
- Coffey, James R., and H. Adams, assignors to Louisville Drying Machinery Co., Louisville, Ky. Screen. 2,014,834; Sept. 17.
- Coffey, John B., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for operating upon shoe parts. 1,989,682; Feb. 5.
- Coffey, John B., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Folding machine. 2,014,469; Sept. 17.
- Coffey, Samuel. (See Birchall, T., and Coffey.)
- Coffey, Samuel, and K. W. Palmer, Huddersfield, England, assignors to Imperial Chemical Industries Limited. Nitro-amino-alkoxy-diphenyl. 2,006,538; July 2.
- Coffey, Samuel, Huddersfield, and W. A. Sexton, Manchester, England, assignors to Imperial Chemical Industries Limited. Azo dyes and methods for their preparation. 2,012,991; Sept. 3.
- Coffey, A. G. (See MacLung, Jean, assignor.)
- Coffin, Ernest, and F. F. Ruau, Deptford, London, England. Dust extraction apparatus. 2,000,662; May 7.
- Coffin, Joel S., Jr., Englewood, and E. L. Schellens, Ridge-wood, assignors to C-S Engineering Company, Englewood, N. J. Lubricated bearings. 2,000,581; May 7.
- Coffin, Louis, Cincinnati, Ohio. Game board. 1,988,301; Jan. 15.
- Coffing, Fredrick W., Danville, Ill. Valve for spray torches and the like. 1,999,035; Apr. 23.
- Coffing, Fredrick W., Danville, Ill. Free chain hoist. 1,999,036; Apr. 23.
- Coffman, Lily O. (See Coffman, Samuel M., assignor.)
- Coffman, Roscoe A., Pittsburgh, Pa. Motor and motive system. 2,005,913; June 25.
- Coffman, Roscoe A., Pittsburgh, Pa. Power developing and distributing means. 2,006,671; July 2.
- Coffman, Roscoe A., Pittsburgh, Pa. Operating electric circuit making and breaking devices. 2,011,144; Aug. 13.
- Coffman, Samuel M., Kansas City, Mo. Freewheeling transmission mechanism. 2,009,107; July 23.
- Coffman, Samuel M., assignor of one-third to L. O. Coffman, Kansas City, Mo. Emergency brake mechanism for automotive vehicles. 2,017,950; Oct. 22.
- Cofrin, Austin E., Green Bay, Wis. Folded napkin. 2,002,691; May 28.
- Cogno, Giuseppe, Torino, Italy. Manufacture of waterproof textile materials. 2,012,240; Aug. 20.
- Cogswell, Burnham, Kenmore, N. Y., assignor to General Electric Company. Electrical load regulating system. 2,011,396; Aug. 13.
- Cohan, Morris J., Brooklyn, N. Y. Tube joint. 2,018,250; Oct. 22.
- Cohan, Mortimer J., Bronx, N. Y. Handle assembly for valves or the like. 2,023,951; Dec. 10.
- Cohan, Samuel, Worcester, Mass. Stove construction. 2,007,297; July 9.
- Cohen, Abraham, New Haven, Conn. Braking apparatus. 2,001,599; May 14.
- Cohen, Abraham, Brooklyn, N. Y., assignor, by mesne assignments, to Beer Control Systems, Incorporated. Beverage dispensing device. 2,022,951; Dec. 3.
- Cohen, Abraham, Brooklyn, N. Y., assignor, by mesne assignments, to Beer Control Systems, Incorporated. Beer dispensing system. 2,022,952; Dec. 3.
- Cohen, David, New York, N. Y. Attachment for meat grinding machines. 2,001,524; May 14.
- Cohen, Harry, Gallon, assignor to The Perfection Steel Body Company, Gallon, Ohio. Producing finishes imitative of stone. 2,002,848; May 28.
- Cohen, Harry, assignor to The Perfection Steel Body Company, Gallon, Ohio. Masking apparatus for finishing articles of manufacture. 2,002,849; May 28.
- Cohen, Joseph H. (See Bahr, Gustave F., assignor.)
- Cohen, Joseph H., Bridgeport, Conn. Splash guard for vehicle wheel fenders. 2,000,220; May 7.
- Cohen, Joseph H., Bridgeport, Conn. Electrical device for automobiles. 2,000,743; May 7.
- Cohen, Leon, Downey, Calif. Hat rest. 2,012,498; Aug. 27.
- Cohen, Leon, Los Angeles, Calif. Hat rest. 1,993,399; Mar. 5.
- Cohen, Louis, J. I. McMullen, and J. O. Mauborgne, Washington, D. C. Landing field localizer. 2,007,076; July 2.
- Cohen, Moses, et al. (See Wallace, Alexander, assignor.)
- Cohen, Samuel, Brooklyn, assignor to General Instrument Corporation, New York, N. Y. Variable condenser. 1,992,161; Feb. 19.
- Cohen, Samuel, Brooklyn, assignor to General Instrument Corporation, New York, N. Y. Variable condenser. 1,995,669; Mar. 26.
- Cohen, Samuel, Brooklyn, assignor to General Instrument Corporation, New York, N. Y. Multiple unit gang condenser. 2,001,600; May 14.
- Cohen, Samuel A. (See Grosh, E. B., Fish, and Cohen.)
- Cohen, Samuel H., Boston, and J. Wasserman, Cambridge, Mass. Multi-ply flashing structure. 2,005,221; June 18.
- Cohen, Theodore A., assignor of one-third to Wheelco Vacuum Products Company and two-thirds to H. J. Stephens, Chicago, Ill. Converter. 1,994,635; Mar. 19.
- Cohendy, Michel, Paris, France. Device for feeding heated rooms with water vapor. 1,996,952; Apr. 9.
- Cohn, Abraham, St. Louis, Mo. Shoe. 1,993,208; Mar. 5.
- Cohn, Benno, Brooklyn, assignor to Ferdinand Gutmann & Co., New York, N. Y. Counter actuating mechanism. 2,023,574; Dec. 10.
- Cohn, David. (See Kalner, S., and Cohn.)
- Cohn, David, assignor to T. Cohn, Inc., Brooklyn, N. Y. Kazoo. 2,006,732; July 2.
- Cohn, David, Brooklyn, N. Y. Eye mounting. 2,026,416; Dec. 31.
- Cohn, Herman, Baltimore, Md. Necktie holder. 2,003,740; June 4.
- Cohn, Herman, Baltimore, Md. Tie tether. 2,025,441; Dec. 24.
- Cohn, Irwin E. (See Zadek, A., and Cohn.)

- Cohn, Irwin E., and W. E. Tait, New York, N. Y. Toy motion-picture projection machine. 2,012,444; Aug. 27.
- Cohn, Irwin E., and W. E. Tait, New York, N. Y. Toy motion picture projection machine. 2,012,445; Aug. 27.
- Cohn, Irwin E., and W. E. Tait, New York, N. Y. Pencil sharpener. 2,018,297; Oct. 22.
- Cohn, Ralph I., Oceanport, N. J.; now by judicial change of name Ralph Cole. Vacuum tube oscillator. 2,004,101; June 11.
- Cohn & Rosenberger, Inc. (See Placco, Oscar F., assignor.)
- Cohn, T., Inc. (See Cohn, David, assignor.)
- Coll, Grover C., Dayton, assignor, by mesne assignments, to Central United National Bank, Cleveland, Ohio, as trustee. Electrically operated register. 1,986,184; Jan. 1.
- Coll, Grover C., Dayton, assignor, by mesne assignments, to Central United National Bank, Cleveland, Ohio, as trustee. Printing odometer. 1,986,185; Jan. 1.
- Coll, Grover C., Dayton, assignor, by mesne assignments, to Central United National Bank, Cleveland, Ohio. Automatic controlling mechanism for taximeters. 2,018,053; Oct. 22.
- Coll, Grover C., and W. G. Orth, Dayton, assignors, by mesne assignments, to Central United National Bank, Cleveland, Ohio, as Trustee. Duplicate receipt register. 2,021,985; Nov. 26.
- Cokell, Arthur H. (See Reitherman, R. W., and Cokell.)
- Colaizzi, John, Pittsburgh, Pa. Combination container. 2,010,011; Aug. 6.
- Colbert, Charles C., G. E. Preston, and L. C. Daly, Elkhart, Ind. Process and apparatus for making branded paper board and product thereof. 2,019,845; Nov. 5.
- Colbert, Lucian R., Fredericksburg, Va. Road finishing machine. 1,990,931; Feb. 12.
- Colbie, Gus L., Brooklyn, N. Y. Electrical water heating unit. 2,015,641; Sept. 24.
- Colbie, Gus L., Brooklyn, assignor to Hudson Electrical Heating Corporation, New York, N. Y. Electric heating plate. 1,992,056; Feb. 19.
- Colbie, Gus L., Brooklyn, assignor to F. MacGovern Corporation, New York, N. Y. Wirebound box. 2,021,113; Nov. 12.
- Colbie, Gus L., Brooklyn, assignor to F. MacGovern Corporation, New York, N. Y. Wirebound box. 2,022,538; Nov. 26.
- Colbriensen, Almond L., Belgrade, Minn. Sleeve holder. 2,000,923; May 14.
- Cold Metal Process Company, The. (See Steckel, A. P., and Lamb, assignors.)
- Colburn, Ernest A., Jr., Congress, Ariz., assignor to Denver Patent Company, Denver, Colo. Mixing apparatus. 2,002,000; May 21.
- Colby, Bevan W. (See Fiske, A. H., Colby, and Lewis.)
- Colby, Clyde W., East Cleveland, Ohio. Sill heater cabinet construction. 2,005,313; June 18.
- Colby, Harold L., Milton, assignor to E. MacLeod, Westwood, F. A. Morrison, Newton, Mass., C. MacLeod, Berwyn, Pa., L. Soule, Dedham, and S. A. Sargent, Jr., Needham, trustees, doing business as Mason Neilan-Regulator Company, Boston, Mass. Compensating attachment for pressure controllers. 2,016,769; Oct. 8.
- Colby, Herbert A. (See Foster, F. L., and Colby.)
- Colby, Joseph M., and L. A. Skinner, U. S. Army, Aberdeen, Md. Track for tracklaying vehicles. 2,012,958; Sept. 3.
- Colchensky, Ben L., assignor to New Deal Specialty Company, Inc., Okmulgee, Okla. Pipe cleaning machine. 2,012,716; Aug. 27.
- Coldwell, John S., assignor to Globe-Union Mfg. Co., Milwaukee, Wis. Roller skate. 1,987,668; Jan. 15.
- Cole, Alfred R., and B. T. Cole, assignors to Wildt and Company Limited, Adelaide Works, Tudor Road, Leicester, England. Knitting machine. 2,012,095; Aug. 20.
- Cole, Amos G., Burnham, Pa. Scale remover. 2,024,993; Dec. 17.
- Cole, Arthur C., et al. (See Cole, Edward L., assignor.)
- Cole, Arthur M., and H. J. Rivers, assignors to General Findings and Supply Co., Attleboro, Mass. Collar holder. 2,016,959; Oct. 8.
- Cole, Bernard T. (See Cole, Alfred R., and B. T.)
- Cole, Charles B., Berwyn, and O. L. Lewis, Chicago, Ill. Boring and facing tool head. 1,998,893; Apr. 23.
- Cole, Dale S. (See Leece, B. M., and Cole.)
- Cole, David, El Paso, Tex. Screening machine. 1,986,102; Jan. 1.
- Cole, David, El Paso, Tex. Dual-fed mill. 1,986,103; Jan. 1.
- Cole, David, El Paso, Tex. Crusher. 1,986,104; Jan. 1.
- Cole, David, El Paso, Tex. Screening machine. 2,010,256; Aug. 6.
- Cole, Don, Evanston, Ill. Carburetor. 1,994,944; Mar. 19.
- Cole, Don, Evanston, Ill. Carburetor. 1,996,406; Apr. 2.
- Cole, Edward L., Los Angeles, assignor of thirty-seven and one-half per cent to A. C. Cole, Inglewood, and twenty-five per cent to H. Boville, Los Angeles, Calif. Light controlling apparatus. 2,014,039; Sept. 10.
- Cole, Elmer K., assignor to Wej-Lock Manufacturing Company, Winterset, Iowa. Extension bracket for highway guard cables. 1,989,741; Feb. 5.
- Cole, Elmer K., assignor to Wej-Lock Manufacturing Company, Winterset, Iowa. Earth anchor. 1,992,651; Feb. 26.
- Cole, Elmer K., Centralia, Mo. Take up device. 2,022,106; Nov. 26.
- Cole, Florence R., Mount Vernon, N. Y. Garment. 2,021,714; Nov. 19.
- Cole, Florent S., Omro, Wis. Animal den. 2,002,259; May 21.
- Cole, Gerard M., assignor to General Transformer Corporation, Chicago, Ill. Transformer. 1,992,415; Feb. 26.
- Cole, Gordon M., and H. W. Hall, Corona, assignors to California Fruit Growers Exchange, Los Angeles, Calif. Disposal of industrial wastes. 1,991,242; Feb. 12.
- Cole, Harold H., and G. H. Hart, Davis, Calif. Gonad-stimulating substance and producing it. 1,994,853; Mar. 19.
- Cole, Harold H., and H. Goss, Davis, Calif. Gonad-stimulating substance and producing it. 2,007,328; July 9.
- Cole, Harry, Park Ridge, Ill. Building construction. 1,997,809; Apr. 16.
- Cole, Harry C. (See Grammer, A. L., and Cole.)
- Cole, Harry W. (See Vosburgh, Charles H., assignor.)
- Cole, Harry W., New Rochelle, and M. W. McLaren, Jackson Heights, N. Y., assignors, by mesne assignments, to International Carbonic Engineering Company, Kennett Square, Pa. Gas solidifying apparatus. 2,025,698; Dec. 24.
- Cole, Hobart F., Bridgeport, Conn. Protective mat for beverage glasses and the like. 1,990,372; Feb. 5.
- Cole, Horton D., Scotia, N. Y. Milk bottle holder. 2,026,160; Dec. 31.
- Cole, J. Rex, et al. (See Scott, Albert B., assignor.)
- Cole, John E. (See Dahlen, M. A., and Cole.)
- Cole, John E. (See Lubs, H. A., Cole and Fox.)
- Cole, John E. (See Lubs, H. A., and Cole.)
- Cole, Louis W., New York, N. Y. Fuse center. 2,018,298; Oct. 22.
- Cole, Lyndon C., assignor to General Machinery Corporation, Hamilton, Ohio. Machine tool. 1,997,810; Apr. 16.
- Cole, Philip G., Tarrytown, N. Y. Ice skate walker. 1,992,291; Feb. 26.
- Cole, R. D., Manufacturing Co. (See Blackburn, Bryan M., assignor.)
- Cole, Ralph (Judicial change of name from Cohn.) (See Cohn, Ralph I.)
- Cole, Raymond A. (See Belden, A. G., and Cole.)
- Cole, Raymond W., Cranford, N. J., assignor to Cordley & Hayes, New York, N. Y. Dispenser. 1,986,250; Jan. 1.
- Cole, Samuel I., Brooklyn, N. Y., assignor to Aerovox Corporation, Electrolytic condenser. 2,018,486; Oct. 22.
- Cole, William F., Ulster Park, N. Y. Tie clasp. 2,009,762; July 30.
- Colegrove, Charles E., Lakewood, Ohio. Sewing machine. 2,007,560; July 9.
- Coleman, Clarence E., Buffalo, assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Conditioned material and preparing same. 2,025,376; Dec. 24.
- Coleman, Clarence E., and L. B. Molyneux, Buffalo, assignors to Du Pont Cellophane Company, Inc., New York, N. Y. Slitting machine. 2,006,943; July 2.
- Coleman, Clyde, Passaic, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Treatment of rubber. 1,989,226; Jan. 29.
- Coleman, Clyde, Passaic, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Arylaminoethyl thiazyl sulphides. 2,010,059; Aug. 6.
- Coleman, Clyde, Passaic, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Vulcanization of rubber. 2,022,953; Dec. 3.
- Coleman, Elmer W., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Structural frame. 1,996,641; Apr. 2.
- Coleman, George G., assignor of one-half to O. R. Dixon, County Line, Okla. Parachute. 2,007,494; July 9.
- Coleman, Gerald H. (See Britton, E. C., Coleman, and Hadler.)
- Coleman, Gerald H. (See Britton, E. C., Coleman, and Mate.)
- Coleman, Gerald H. (See Britton, E. C., Coleman, and Moore.)
- Coleman, Gerald H. (See Britton, E. C., Coleman, Zemba, and Zuckerman.)
- Coleman, Gerald H. (See Grether, E. F., and Coleman.)
- Coleman, Gerald H., assignor to The Dow Chemical Company, Midland, Mich. Purifying tetrachloroethylene. 2,000,881; Mar. 7.
- Coleman, Gerald H., and G. V. Moore, assignor to The Dow Chemical Company, Midland, Mich. Alcoholysis of olefine diesters. 2,010,689; Aug. 6.
- Coleman, Gerald H., assignor to The Dow Chemical Company, Midland, Mich. Making isopropyl esters of aliphatic acids. 2,021,851; Nov. 19.
- Coleman, Gerald H., and G. V. Moore, assignors to The Dow Chemical Company, Midland, Mich. Making esters of glycols. 2,021,852; Nov. 19.
- Coleman, Howard D. (See Lilja, Edgar D., assignor.)
- Coleman, James, Emeryville, and F. Swall, assignors to The Paraffine Companies, Inc., San Francisco, Calif. Pipe wrapping machine. 2,011,172; Aug. 13.
- Coleman, James D., Jr. (See Fordyce, C. R., and Coleman, Jr.)
- Coleman, James D. (See Staud, C. J., and Coleman.)
- Coleman, John B., assignor to General Fire Extinguisher Company, Providence, R. I. Domestic sprinkler system. 2,017,841; Oct. 22.

- Coleman, John D., Sharon, Mass. Safety hinge for man-hole covers. 1,992,354; Feb. 26.
- Coleman, John H., and N. E. Jaffa, Elizabeth, N. J., assignors to The Warner Chemical Company, New York, N. Y. Recovering lithium compounds. 2,024,026; Dec. 10.
- Coleman Lamp and Stove Company, The. (See Denison, Howard S., assignor.)
- Coleman Lamp and Stove Company, The. (See Olds, Ambrose D., assignor.)
- Coleman Lamp and Stove Company, The. (See Tullis, Boyd W., assignor.)
- Coleman, Roy E., Meriden, Conn., assignor to General Electric Company. Resinous and varnish composition and preparation thereof. 2,001,525; May 14.
- Coleman, Ruth L., and R. L. Sandberg, Long Beach, Calif. Freezing tray agitator. 1,988,542; Jan. 22.
- Coleman, Walker B., and F. J. Ebel, New Orleans, La. Bank bandit trap. 2,004,551; June 11.
- Coleman, William C., Wichita, Kans. Gas and vapor burner. 2,013,683; Sept. 10.
- Colen, Bernard D. (See Strongson, Herman L., assignor.)
- Cole's Hot Blast Manufacturing Company. (See Summers, Louis D., Sr. and L. D. Jr., assignors.)
- Coles, Walter H., and B. J. Nelson, assignors to The Skinner Irrigation Company, Troy, Ohio. Irrigation device. 2,009,478; July 30.
- Coletta, Florindo D., Alfredo Chaves, Brazil. Elastic fluid turbine. 1,995,565; Mar. 26.
- Coletta, Florindo D., Alfredo Chaves, Brazil. Double-acting hydraulic pump. 2,008,243; July 16.
- Coley, Glenn. (See James, R. F., and Coley.)
- Coley, James, and L. H. Leedham, assignors to Wildt & Company Limited, Leicester, England. Device for waxing yarns. 2,014,127; Sept. 10.
- Coley, Samuel G. (See Flory, H. G., and Coley.)
- Colgan, Robert J., Wayne, and Anthony DeGange, Philadelphia, Pa. Concrete form spacer. 1,993,088; Mar. 5.
- Colgate, Richard R., Alliance, Ohio. Wheeling plate. 1,993,261; Mar. 5.
- Colgate, Samuel B., Orange, N. J., assignor to Keller-Dorian Colorfilm Corporation, New York, N. Y. Apparatus for copying gophered films. 2,026,376; Dec. 31.
- Colgate, William H., Larchmont, N. Y. Container and package for matches and the like. 2,013,434; Sept. 3.
- Colgate, William H., Larchmont, N. Y. Match book display package. 2,024,091; Dec. 10.
- Coll, Jean, New York, N. Y. Scissors measuring device. 2,023,408; Dec. 10.
- Coll, Jean, New York, N. Y. Scissor rule. 2,023,409; Dec. 10.
- Collar, Linus R., Chicago, Ill., assignor to The Lamson Company, Syracuse, N. Y. Conveyor curve. 2,001,773; May 21.
- Collard, Robert A., Montrouge, France. Animated luminous display system. 1,989,633; Jan. 29.
- Collat, Edgar, Shorewood, and W. A. Kant, Lake, assignors to Kanco, Inc., Milwaukee, Wis. Cooker. 2,011,035; Aug. 13.
- Collatz, Ewald, Berlin, Germany. Centrifugal device. 2,018,837; Oct. 29.
- Collé, Theodoros, Culemborg, Netherlands, assignor to Adriaan Marie Johan Dressehuys, The Hague, Netherlands. Apparatus for the manufacture of cigar-fillers. 2,025,646; Dec. 24.
- Colledge, E. W., General Sales Agents, Inc. (See De Ong, E. R., and Smith, assignors.)
- Colledge, E. W., General Sales Agent, Inc. (See Omansky, Morris, assignor.)
- Coller, Claude, et al. (See Coller, Claude, assignor.)
- Coller, Claude, New York, N. Y., assignor to C. Coller, New York, N. Y., and J. Behrend, Howarth, N. J. Coin bank. 2,020,498; Nov. 12.
- Coller, William H., Jr., assignor to Busy Bee Hosiery Company, Incorporated, Reading, Pa. Stocking. 2,015,002; Sept. 17.
- Collett, Haskell C., Los Angeles, Calif. Rotary jar. 2,012,499; Aug. 27.
- Collette, Maurice, Brussels, Belgium. Elastic displaceable link for use in an endless chain for carrying goods. 2,021,542; Nov. 19.
- Collette, William K., Akron, Ohio. Match-holding attachment for cigarette containers. 2,013,551; Sept. 3.
- Colley, Charles J., St. Louis, Mo. Steam trap telltale device and meter. 1,992,991; Mar. 5.
- Colley, Russell S., Kent, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Ornamentation and apparatus therefor. 2,013,339; Sept. 3.
- Collier Advertising Service, Inc. (See Giles, Harvey, assignor.)
- Collier, James, assignor to S. C. Johnson & Son, Inc., Racine, Wis. Brush. 2,015,030; Sept. 17.
- Collier, Simon, Waukegan, Ill., assignor to Johns-Manville Corporation, New York, N. Y. Friction material. 1,994,979; Mar. 19.
- Collignon, Eduardo. (See Falconer, R., and Collignon.)
- Collin, Charles E., Hastings-on-Hudson, N. Y. Coffee percolator. 2,020,104; Nov. 5.
- Collin, Frank C., White Plains, N. Y. Pump control. 1,987,466; Jan. 8.
- Colling, Walter G., Ferndale, assignor of one-half to F. Porath, Detroit, Mich. Outlet connection. 2,011,377; Aug. 13.
- Collingham, Robert H., Rugby, England, assignor to General Electric Company. Elastic fluid turbine. 1,994,121; Mar. 12.
- Collingham, Robert H., Rugby, England, assignor to General Electric Company. Electrohydraulic pressure operating mechanism. 2,025,572; Dec. 24.
- Collingham, Robert H., Rugby, England, assignor to General Electric Company. Hydraulic operating mechanism. 2,025,573; Dec. 24.
- Collings, Lewis D. (See Stewart, Howard R., assignor.)
- Collings, William R., and D. L. Gibb, assignors to The Dow Chemical Company, Midland, Mich. Container. 1,988,265; Jan. 15.
- Collings, William R., assignor to The Dow Chemical Company, Midland, Mich. Free-flowing road treating material. 2,026,121; Dec. 31.
- Collins & Aikman Corporation. (See Bird, W. F., and Hewton, assignors.)
- Collins & Aikman Corporation. (See Curtis, Melville G., assignor.)
- Collins & Aikman Corporation. (See Kaufman, Frank M., assignor.)
- Collins, Anthony H., Bronxville, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Earth boring apparatus. 1,992,992; Mar. 5.
- Collins, Arnold M., Wilmington, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition and making same. 2,008,746; July 23.
- Collins, Arnold M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical product and Collins, Arthur E., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method of and apparatus for applying a coating to articles. 2,016,316; Oct. 8.
- preparing same. 2,010,012; Aug. 6.
- Collins, Carl F., Winterhaven, Fla. Truck. 2,003,038; May 28.
- Collins, Charles W., Seattle, Wash. Brake mechanism. 1,995,704; Mar. 26.
- Collins, Edward W., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Coil winding machine. 1,995,916; Mar. 26.
- Collins, Frank J., Brooklyn, N. Y., assignor to Warner Brothers Company, Bridgeport, Conn. Folding display box. 2,019,250; Oct. 29.
- Collins, Fred L., and C. Oseland, Gary, Ind. Apparatus for measuring high temperatures. 2,020,019; Nov. 5.
- Collins, George H., et al. (See Newton, Albert E., assignor.)
- Collins, George R., Kansas City, Mo. Building construction. 2,002,934; May 28.
- Collins, Harold F., assignor to H. D. Colman, Rockford, Ill. Sliding door. 2,006,228; June 25.
- Collins, Harold M., Marion, Va. Drink mixer. 2,010,534; Aug. 6.
- Collins, Henry H., Bryn Mawr, Pa. Window shade. 1,997,484; Apr. 9.
- Collins, Howard W., and E. Ruiz, Columbus, Ohio, assignors to Owens-Illinois Glass Company. Glass tile and building block. 1,989,634; Jan. 29.
- Collins, James G., assignor to Atlas Press Company, Kalamazoo, Mich. Vibrating detector for automobiles. 2,013,235; Sept. 3.
- Collins, Lawrence B., Santa Barbara, Calif. Compound foundation for plural wells. 1,998,803; Apr. 23.
- Collins, Lawrence M., Galax, Va. Combination hair drier and liquid sprayer. 1,998,776; Apr. 23.
- Collins, Lester L., Franklin, Pa., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Compressor discharge valve. 2,000,691; May 7.
- Collins, Paul F., assignor to The Columbus Dental Manufacturing Company, Columbus, Ohio. Dental investment composition and process. 2,006,733; July 2.
- Collins Radio Company. (See Applegate, Lindsay M., assignor.)
- Collins, Ralph D., W. M. Reid, and S. E. Bourne, Los Angeles, Calif., assignors to Associated Telephone Utilities Company, Chicago, Ill. Automatic pay telephone station. 1,998,832; Apr. 23.
- Collins, Roi C. (See Kling, H., and Collins.)
- Collins, Roi C., Westfield, N. J. Bicycle tire. 2,018,604; Oct. 22.
- Collins, Roi C., Westfield, N. J. Pneumatic vehicle tire. 2,026,161; Dec. 31.
- Collins, Thomas B., Strathbungo, Glasgow, Scotland. Control for fans, blowers, and pumps. 1,991,659; Feb. 19.
- Collins, Thomas B., Glasgow, Scotland. Control of fans, blowers, and pumps. 1,991,660; Feb. 19.
- Collins, Tom, Corporation, The. (See Orton, Julian R., assignor.)
- Collins, Walter C. (See Opp, Fred W., assignor.)
- Collins, William D. (See Rickard, R. L., and Collins.)
- Collins, William D., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Liner opening trim. 2,009,479; July 30.
- Collins, William D., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Evaporator. 2,013,134; Sept. 3.
- Collis Company, The. (See Bouda, Bohumil, assignor.)
- Collis, Reginald, Ottawa, Ontario, Canada. Locking device for pins, bolts, or the like. 2,025,848; Dec. 31.
- Collison, Edward E. (See Kirk, C. R., and Collison.)
- Collison, Edward E., and R. R. Erbe, assignors to The Capehart Corporation, Ft. Wayne, Ind. Automatic phonograph. 2,018,881; Oct. 29.

- Collison, Edward E., Chicago, and C. R. Kirk, Oak Park, Ill., assignors to Standard Ticket Games Corporation, Chicago, Ill. Vending machine. 2,019,116; Oct. 29.
- Collord, George L., Pittsburgh, Pa. Pigment product. 2,013,602; Sept. 3.
- Collorio, Felix, Osterode/Harz, Germany. Packing core for earth dams. 1,997,132; Apr. 9.
- Collyer, Julius P., Old Greenwich, Conn. Cigarette holder. 1,997,629; Apr. 16.
- Collyear, John R., Bushey, and S. L. Bapty, Harlesden, London; said Bapty assignor to T. G. Baxenden, Hertfordshire, England. Free-wheel driving mechanism. 2,004,650; June 11.
- Colman, Howard D. (See Collins, Harold F., assignor.)
- Colman, Howard D. (See Drake, George F., assignor.)
- Colman, Howard D. (See Greenlee, Theodore K., assignor.)
- Colman, Howard D. (See Lilja, Edgar D., assignor.)
- Colman, Howard D. (See Stewart, Duncan J., assignor.)
- Colman, Howard D., Rockford, Ill. Clutch. 2,013,649; Sept. 10.
- Colmerauer, Andrew J., Redondo Beach, Calif. Casing roller. 2,011,036; Aug. 13.
- Colmerauer, Andrew J., assignor to Byron Jackson Co., Los Angeles, Calif. Tubing catcher. 2,009,164; July 23.
- Colonial Beacon Oil Company. (See Smith, Victor C., assignor.)
- Colonial Broach Company. (See Halborg, Carl J., assignor.)
- Colonial Broach Company. (See Halborg, C. J., Hart, and Seibold, assignors.)
- Colonial Broach Company. (See Hart, William A., assignor.)
- Colonial Cake Company. (See Perry, DeWitt T., assignor.)
- Colonial Salt Company, The. (See Shaw, James, assignor.)
- Colonial Trust Company et al., executors. (See Summey, David L.)
- Colony, Myron W., Los Angeles, Calif., assignor to Petroleum Conversion Corporation, New York, N. Y. Method and apparatus for converting hydrocarbons. 2,012,959; Sept. 3.
- Colorado Bedding Company, The. (See Knight, R. B., and Kahn, assignors.)
- Colorado Fuel and Iron Company, The. (See Campbell Calvin, assignor.)
- Colorado Fuel and Iron Company. (See Nailey, William H., assignor.)
- Color-Photo, Inc. (See Kelley, William V. D., assignor.)
- Colprovia Roads, Inc. (See Burgess, Dana M., assignor.)
- Colross Louisa E., New York, N. Y. Portable luncheon cabinet. 2,019,522; Nov. 5.
- Colson Company, The. (See Johnson, Wilfred G., assignor.)
- Colson Company, The. (See Johnson, W. G., and Hendricks.)
- Colson Company, The. (See Johnson, W. G., and Kirkham, assignors.)
- Colt, Edwin W. (See Woodward, C. B., Keefe, and Colt.)
- Colt, Samuel S., Orange, N. J. Retaining tie for concrete forms. 2,001,052; May 14.
- Colt, Samuel S., Orange, N. J. Concrete form holding means. 2,002,526; May 28.
- Colt, Samuel S., Orange, N. J. Concrete form retaining means. 2,014,080; Sept. 10.
- Colt, Samuel S., Orange, N. J. Tool for extracting tie-rods from cast concrete. 2,022,648; Dec. 3.
- Colton, Alpha F., Ashland, Ohio. Justifying apparatus for printing devices. 2,018,547; Oct. 22.
- Colton, Henry S., Shaker Heights, assignor to the Grasse-elli Chemical Company, Cleveland, Ohio. Production of pure lithium compounds from impure solutions. 2,021,986; Nov. 26.
- Colton, Henry S., Shaker Heights, assignor to The Grasse-elli Chemical Company, Cleveland, Ohio. Recovery of values from lithium bearing ores. 2,021,987; Nov. 26.
- Colton, James H., Berkeley, and A. G. Lang, Palo Alto, Calif. Method and apparatus for drying materials. 1,992,520; Feb. 26.
- Colton, Roger B., and H. C. Mabbott, Fort H. G. Wright, N. Y. Electric time compensator. 1,989,082; Jan. 29.
- Colton, Roger B., and H. C. Mabbott, Fort H. G. Wright, N. Y. Binaural electric compensator. 2,000,924; May 14.
- Colton, Roger B., Quarry Heights, Canal Zone, and H. C. Mabbott, Fort Monroe, Va. Electromagnetic vibrator. 2,025,041; Dec. 24.
- Colton, Rostro E., Chester Depot, assignor of one-third to G. X. Roberts, Chester, Vt., and one-third to J. A. McGuire, Newton, Mass. Nonrefillable bottle. 2,012,865; Aug. 27.
- Colt's Patent Fire Arms Manufacturing Co. (See Conner, Benjamin F., assignor.)
- Colt's Patent Fire Arms Manufacturing Co. (See Teller, Spencer J., assignor.)
- Colt's Patent Fire Arms Manufacturing Co. (See Webb, George, assignor.)
- Columbia Appliance Corporation. (See Gans, John, assignor.)
- Columbia Axle Company, The. (See Harper, George W., assignor.)
- Columbia Axle Company, The. (See Harper, G. W., and Catto, assignors.)
- Columbia Graphophone Company. (See Blumlein, A. D., and Holman, assignors.)
- Columbia Mills, Inc., The. (See Arms, John P., assignor.)
- Columbia Mills, Inc., The. (See Burns, Fred J., assignor.)
- Columbia Naval Stores Company of Delaware. (See Morton, Avery A., assignor.)
- Columbia Paper Supply Company. (See Alexander, William T., assignor.)
- Columbia Phonograph Company. (See Blumlein, A. D., assignor.)
- Columbia Protektosite Co. (See Haag, Charles J., assignor.)
- Columbia Ribbon and Carbon Manufacturing Company. (See Dixon, H. W. A., and Moore, assignors.)
- Columbia Ribbon and Carbon Manufacturing Company. (See Dixon, Lewis M., assignor.)
- Columbian Carbon Company. (See Glaxner, Herman J., assignor.)
- Columbian Carbon Company, et al. (See Sweitzer, Carl W., assignor.)
- Columbian Rope Company. (See Bowen, Kenneth H., assignor.)
- Columbian Rope Company. (See Graham, Albert S., assignor.)
- Columbus Auto Parts Company, The. (See Flumerfelt, William A., assignor.)
- Columbus Auto Parts Company, The. (See Klages, R. E., and Flumerfelt, assignors.)
- Columbus Cleaning Machinery Company, The. (See Liebensperger, Charles L., assignor.)
- Columbus Dental Manufacturing Company. (See Collins, Paul F., assignor.)
- Columbus McKinnon Chain Company. (See Stahl, Frank E., assignor.)
- Columbus McKinnon Chain Corporation. (See Stahl, Frank E., assignor.)
- Columbus Metal Products Inc. (See Donley, Harold B., assignor.)
- Columbus Vending Company, The. (See Vogel, R. A., and Barok, assignors.)
- Colvin, Charles H., New York, N. Y. Intercommunication. 2,005,935; June 25.
- Colvin, Fred S., Yakima, and J. V. Rogers, Wenatchee, Wash., assignors to Food Machinery Corporation, San Jose, Calif. Fruit drier. 2,004,269; June 11.
- Colvin, James W., South Bend, Ind., assignor to The Studebaker Corporation, Detroit, Mich. Automatic clutch control. 1,999,284; Apr. 30.
- Colvin, William, Jr., Troy, N. Y. Electrical condenser. 2,000,437; May 7.
- Colwin, Martin B. (See dePuddicombe, Jack, assignor.)
- Comas Cigarette Machine Company. (See Brandt, William A., assignor.)
- Combination Selector Company. (See Adams, A. H., and Rainey, assignors.)
- Combs, Emma L., Tinley Park, Ill. Garden tool. 2,006,672; July 2.
- Combs, Leslie, Kingston, Ark. Well lid. 2,026,461; Dec. 31.
- Combustion Engineering Company. (See Haller, Louis G., assignor.)
- Combustion Engineering Company. (See Jackson, George F., assignor.)
- Combustion Engineering Company. (See Kruse, John R., assignor.)
- Combustion Engineering Company. (See Liessenberg, Heinrich, assignor.)
- Combustion Engineering Corporation. (See Jowett, Edwin, assignor.)
- Combustion Utilities Corporation. (See Bhagwat, Madhav R., assignor.)
- Combustion Utilities Corporation. (See Burke, S. P., and Enterline, assignors.)
- Combustion Utilities Corporation. (See Johnson, A., and Howson, assignors.)
- Combustion Utilities Corporation. (See Klees, Albert L., assignor.)
- Combustioneer, Inc. (See Burton, Warren D., assignor.)
- Comeau, Melburn A., Haverhill, Mass. Device for holding wires taut. 2,004,312; June 11.
- Comer, Boyd C. (See Clair, H. B., and Comer.)
- Comer, Earle R., Auburndale, assignor of one-fourth to J. Fred Smith, Arlington, and one-fourth to Raymond T. Anderson, Newton, Mass. Electric display device. 1,986,251; Jan. 1.
- Comer, Ragnar O., assignor to The Solvay Process Company, Syracuse, N. Y. Charging device. 1,999,895; Apr. 30.
- Comins, Harold N., Wakefield, Mass. Fluid seal. 1,994,169; Mar. 12.
- Cominsky, Emily A., administratrix. (See Cominsky, William F.)
- Cominsky, William F., deceased, Paterson, by E. A. Cominsky, administratrix, Hawthorne, N. J. Shuttle. 1,998,118; Apr. 16.
- Comiskey, Dell A., assignor of one-third to J. W. Comiskey, and one-third to J. Siciliano, Johnstown, Pa. Heel attachment. 2,008,784; July 23.
- Comiskey, Joseph W., et al. (See Comiskey, Dell A., assignor.)
- Commerce, Secretary of. (See Blee, H. H., Breckenridge, and Lynch, assignors.)
- Commercial Cleaning Corporation, The. (See Woelfel, George F., assignor.)
- Commercial Coil and Refrigeration Co. (See Fugle, Matthew P., assignor.)

- Commercial Iron Works of Los Angeles. (See Muff, Albert C., assignor.)
- Commercial Milling Company, The. (See Fisher, P. K., and Wichtner, assignors.)
- Commercial Products Company. (See Cowan, Nathan, assignor.)
- Commercial Shearing & Stamping Company, The. (See Galant, Camille P., assignor.)
- Commercial Shearing & Stamping Company, The. (See Proctor, R. V., and Cushwa, assignors.)
- Commercial Shearing & Stamping Company, The. (See Proctor, R. V., and Stephens, assignors.)
- Commercial Shearing & Stamping Company. (See Stephens, William T., assignor.)
- Commercial Shirt Corporation, The. (See Tucker, Ralph, assignor.)
- Commercial Solvents Corporation. (See Bannister, William J., assignor.)
- Commercial Solvents Corporation. (See Bogin, Charles, assignor.)
- Commercial Solvents Corporation. (See Bogin, C., and Kelly, assignors.)
- Commercial Solvents Corporation. (See Burke, Denis J., assignor.)
- Commercial Solvents Corporation. (See Guinot, Henri M., assignor.)
- Commercial Solvents Corporation. (See Irely, Kenneth M., assignor.)
- Commercial Solvents Corporation. (See Legg, David A., assignor.)
- Commercial Solvents Corporation. (See McCutchan, W. N., and Arzberger, assignors.)
- Commercial Solvents Corporation. (See Stiles, Hugh R., assignor.)
- Commercial Solvents Corporation. (See Swallen, L. C., and Irely, assignors.)
- Commons, Charles J., Jr. (See Kinzie, C. J., Commons, and Hake.)
- Communication Patents, Inc. (See Marks, Alvin M., assignor.)
- Comolite Corporation. (See Gugger, P. H., and Barentzen, assignors.)
- Comoy, Léon L., Paris, France. Automatic machine for making serum phials. 2,002,432; May 21.
- Compagnie des Forges & Aciéries de la Marine et d'Homecourt. (See Daum, Leon, assignor.)
- Compagnia Nazionale Aeronautica. (See Gianini, Carlo, assignor.)
- Compagnie de Produits Chimiques et Electrometallurgiques Alais Froges et Camargue. (See Beja, Maurice, assignor.)
- Compagnie de Produits Chimiques et Electrometallurgiques Alais, Froges et Camargue. (See Dobry, Alma, assignor.)
- Compagnie de Produits Chimiques et Electrometallurgiques Alais, Froges et Camargue. (See Grolé, Jean, assignor.)
- Compagnie Generale de Telegraphie sans Fil. (See Bethend, Joseph, assignor.)
- Compagnie Generale de Telegraphie Sans Fil. (See Borlas, Paul, assignor.)
- Compagnie Generale de Telegraphie sans Fil. (See Chireix, Henri, assignor.)
- Compagnie Generale de Telegraphie Sans Fil. (See Chireix, H., and Goudet, assignors.)
- Compagnie Generale de Telegraphie, Sans Fils. (See Cortet, André, assignor.)
- Compagnie Generale de Telegraphie Sans Fil. (See Gouriaud, Michel, assignor.)
- Compagnie Generale de Telegraphie sans Fil. (See Ponte, Maurice, assignor.)
- Compagnie Generale de Telegraphie sans Fil. (See Villem, Raymond, assignor.)
- Compagnie Internationale des Wagons-Lits et des Grands Express Europeens. (See Carcanagues, Paul, assignor.)
- Compagnie Lilloise de Moteurs. (See Nicolas, Jean, assignor.)
- Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlmann. (See Kopp, G., and Petitcolas, assignors.)
- Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlmann. (See Tassel, Edmund, assignor.)
- Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz. (See Barthelemy, René, assignor.)
- Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz. (See Brandl, Johann, assignor.)
- Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz. (See Chirol, Maurice, assignor.)
- Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz. (See Eches, P. G., and Moreau, assignors.)
- Compagnies Reunies des Glaces et Verres Speciaux du Nord de la France. (See Despret, Georges P., assignor.)
- Compagnie Royale Asturienne des Mines. (See Guignet, Léon A., assignor.)
- Compan, Paul, Hollywood, Calif. Comb. 1,988,866; Jan. 22.
- Compo, John J., Defiance, Ohio. Muffler. 1,991,014; Feb. 12.
- Compo, John J., Defiance, Ohio. Muffler pipe connector. 1,995,840; Mar. 26.
- Compo, John J., Defiance, Ohio. Muffler pipe connector. 2,025,271; Dec. 24.
- Compo Shoe Machinery Corporation. (See Bresnahan, William H., assignor.)
- Compo Shoe Machinery Corporation. (See Card, William C., Jr., assignor.)
- Compo Shoe Machinery Corporation. (See Franzen, E. T., and Weiss, assignors.)
- Compo Shoe Machinery Corporation. (See Habicht, Otto, assignor.)
- Compo Shoe Machinery Corporation. (See Smith, John F., assignor.)
- Compressed Industrial Gases, Inc. (See Brown, Andrew C., assignor.)
- Compton, F. E., and Company. (See Alger, Harley C., assignor.)
- Compton, Harry L., assignor to American Dairy Supply Company, Washington, D. C. Hand capper. 1,992,567; Feb. 26.
- Comstock, Charles T., Massapequa, N. Y. Aligning device for printing plates. 2,026,377; Dec. 31.
- Comstock, Clarence A., assignor to The Fafnir Bearing Company, New Britain, Conn. Bearing. 2,011,192; Aug. 13.
- Comstock, Daniel F., Boston, Mass., assignor, by mesne assignments, to Stator Refrigeration, Inc. Insulating housing. 2,000,882; May 7.
- Comstock, George F., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Molybdenum-titanium ferro-alloys. 2,013,877; Sept. 10.
- Comstock, Gregory J., Edgewood, assignor to Firth-Sterling Steel Company, McKeesport, Pa. Making hard cemented carbide materials. 1,998,609; Apr. 23.
- Comte, Frederick, Webster Groves, Mo. assignor, by mesne assignments, to Monsanto Chemical Company. Purification by sublimation. 1,987,282; Jan. 8.
- Conant, David J. (See Ragsdale, T. M., and Conant.)
- Conant, Harold B., Kansas City, Kans. Undirectional current-carrying device and producing the same. 2,017,842; Oct. 22.
- Conant, John H., assignor to Holyoke Heater Company, Holyoke, Mass. Heater. 2,003,579; June 4.
- Concordia, Charles. (See Edgar, R. F., and Concordia.)
- Condé, Loie, and C. W. Hathaway, assignors to Mueller Co., Decatur, Ill. Tub and shower fitting. 2,009,651; July 30.
- Condit Electrical Manufacturing Corporation. (See Jansson, Gustav E., assignor.)
- Condon, Edward T. (See Baker, Stanley, assignor.)
- Condon, Edward T. (See Nisbet, Theodore B., assignor.)
- Condon, Edward T., New York, N. Y. Fused connector unit. 1,987,181; Jan. 8.
- Condon, Edward T., assignor to Autoposts Company Inc., New York, N. Y. Lighting, signaling, and indicating accessory for motor vehicles. 2,010,138; Aug. 6.
- Condon, Florence L. (See Truswell, Charles E., assignor.)
- Condon, George V., Roslindale, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and apparatus for making shoes. 2,021,225; Nov. 19.
- Condon, Robert S., assignor to Gleason Works, Rochester, N. Y. Machine for producing gears. 2,006,790; July 2.
- Condon, Robert S. and C. T. Galloway, Rochester, assignors to Gleason Works, Rochester, N. Y. Dressing mechanism. 2,008,128; July 16.
- Conduit Electrical Manufacturing Corporation. (See O'Keefe, George W., assignor.)
- Cone, Alfred L. (See Shafer, W. D., and Cone.)
- Cone, Bessie, et al. (See Esterling, William M., assignor.)
- Cone, Carroll, Lucas County, assignor to Surface Combustion Corporation, Toledo, Ohio. Gas burner. 1,995,417; Mar. 26.
- Cone, Charles N., and E. D. Brown, Seattle, Wash., assignors, by mesne assignments, to The Glidden Company, Cleveland, Ohio. Coating paper. 2,006,229; June 25.
- Cone, Frank H., Southgate, London, and C. B. Houlder, Herts, assignors to Activities Limited, Nottinghamshire, England. Production of activated carbon. 2,026,355; Dec. 31.
- Cone, Samuel I., Portsmouth, Va. Globoidal hob. 2,026,215; Dec. 31.
- Congdon, James W. (See Williams, C. E., and Congdon.)
- Congdon, James W. H., assignor to Johnson & Bassett, Inc., Worcester, Mass. Automatic bunch builder. 2,023,914; Dec. 10.
- Congdon, Joseph V. (See Edwards, McK. C., and Congdon.)
- Congoleum-Nairn, Inc. (See Austin, Roger K., assignor.)
- Congoleum-Nairn, Inc. (See Bonney, R. D., and de Boer, assignors.)
- Congoleum-Nairn Inc. (See Bonney, R. D., and Egge, assignors.)
- Congor Mfg. Company, The. (See Gorsuch, Robert A., assignor.)
- Coniglio, Anthony, Chicago, Ill. Cover for polishing wheels. 2,007,641; July 9.
- Conigrave, Mostyn R., Subiaco, Western Australia, Australia. Hanger for supporting towels, cloths, and other articles. 2,002,566; May 28.
- Conklin, James W. (See Goldstine, H. E., and Conklin.)
- Conklin, James W., Rocky Point, N. Y., assignor to Radio Corporation of America. Direct reading vacuum tube meter. 2,014,102; Sept. 10.

- Conklin, James W., Rocky Point, and J. L. Finch, Patchogue, N. Y., assignors to Radio Corporation of America. Signaling apparatus. 1,986,623; Jan. 1.
- Conklin, James W., Rocky Point, and J. L. Finch, Patchogue, N. Y., assignors to Radio Corporation of America. Frequency control system. 2,014,424; Sept. 17.
- Conklin, John E. Brooklyn, N. Y. Atomizer. 2,004,402; June 11.
- Conklin, John H., assignor to The Gong Bell Manufacturing Company, East Hampton, Conn. Toy telephone. 1,996,642; Apr. 2.
- Conklin, Oliver E., Parlin, N. J., assignor to Du Pont Film Manufacturing Corporation, Wilmington, Del. Film tinting machine. 1,987,387; Jan. 8.
- Conklin, Paul A. (See Conklin, William H., administrator.)
- Conklin, Roscoe D., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Automatic cut-off device. 1,998,221; Apr. 16.
- Conklin, Roscoe D., assignor to National Petroleum Company, Rahway, N. J. Pneumatic treadle. 1,998,222; Apr. 16.
- Conklin, Roscoe D., and F. E. Johnson, Rahway, N. J., assignors to National Pneumatic Company, New York, N. Y. Multiple unit treadle controlled door system. 2,009,081; July 23.
- Conklin, William F., Tarentum, H. S. Hopkins, and J. M. Hover, Crafton, Pa., Tarentum Savings and Trust Company, M. C. Voigt, and C. C. Cox, administrators of said William F. Conklin, deceased. Sheet piling mechanism. 2,000,273; May 7.
- Conklin, William H., deceased, Ansonia, Conn., Paul A. Conklin, administrator. Flash and touch box. 2,012,924; Aug. 27.
- Conkling, Samuel G., Brooklyn, N. Y. Nonrefillable bottle. 2,013,726; Sept. 10.
- Conley, Carl H. B., Methuen, Mass. Refrigerator arrangement. 1,991,661; Feb. 19.
- Conley, Hugh A., Lynwood, assignor to Conley Plastering Machine Company, Compton, Calif. Coating and plastering machine. 1,997,897; Apr. 16.
- Conley, Hugh A., Lynwood, assignor to Conley Plastering Machine Company, Inc., Compton, Calif. Apparatus for applying protective coatings. 2,004,978; June 18.
- Conley, Kurt H., Bridgeport, Conn., assignor to The Bulard Company. Clutch throwing mechanism. 2,006,913; July 2.
- Conley Plastering Machine Company. (See Conley, Hugh A., assignor.)
- Conlon Corporation. (See Janda, Rudolph W., assignor.)
- Conlon, Thomas A. (See Gurney, D. A., and Conlon.)
- Conn, C. G., Ltd. (See Greenleaf, Leland B., assignor.)
- Conn, C. G., Ltd. (See Loney, Hugh W., assignor.)
- Conn, C. G., Ltd. (See Ludwig, William F., assignor.)
- Conn, Joseph C., Boonton, N. J. Chain. 2,007,561; July 9.
- Conn, Wallace T., Lawrence, Mass., assignor to the Government of the United States, represented by the Secretary of Commerce. Preservation of cellulose materials. 2,018,659; Oct. 29.
- Conn, Wallace T., Lawrence, Mass., assignor to the Government of the United States, represented by the Secretary of Commerce. Preservative process for cellulose materials. 2,018,660; Oct. 29.
- Conn, Wallace T., Lawrence, Mass., assignor to the Government of the United States, represented by the Secretary of Commerce. Protective reagent for cellulose material. 2,018,661; Oct. 29.
- Connecticut Products Corporation. (See Cook, Harmon J., assignor.)
- Connecticut Telephone & Electric Corporation. (See Cadieux, Joseph O., assignor.)
- Connecticut Telephone & Electric Corporation. (See Curtiss, William R., assignor.)
- Connecticut Telephone & Electric Corporation. (See Garrigues, Frederic L., assignor.)
- Connell, George A., San Pedro, Calif., assignor to Pacific Coast Borax Co. Making potassium sulphate. 1,990,896; Feb. 12.
- Connell, James W., Temple City, Calif. Water spraying device. 2,024,339; Dec. 17.
- Connell, Karl, Branch, N. Y. Decompression valve. 2,023,915; Dec. 10.
- Connolly, George F., San Francisco, Calif. Apparatus for removing treads from tires. 2,023,575; Dec. 10.
- Connolly, George F., San Francisco, Calif. Tire tread splitting apparatus. 2,023,576; Dec. 10.
- Connolly, Patrick M., Chicago, Ill. Golf club and score card. 1,995,169; Mar. 19.
- Connolly, Thomas P., Jersey City, N. J., assignor to Empire Marine Salvage & Engineering Corporation. Deep sea diving suit. 2,018,511; Oct. 22.
- Conner, Benjamin F., Wethersfield, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Composite article of manufacture. 1,986,323; Jan. 1.
- Conner, Benjamin F., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Receptacle. 2,009,250; July 23.
- Conner, Dewey L., Grand Rapids, Mich. Sewing machine. 1,997,103; Apr. 9.
- Conner, Dewey L., Grand Rapids, Mich. Mechanism for feeding buttons to sewing machines. 2,007,239; July 9.
- Conner, Edward A., Stratford, Conn., assignor to American Chain Company, Inc. Sheet metal yoke and making same. 2,022,801; Dec. 3.
- Connolly, Gerald C. (See Miller, E. B., and Connolly.)
- Connolly, Gerald C., and J. A. Pierce, assignors, by mesne assignments, to C. F. Hockley, receiver for The Silica Gel Corporation, Baltimore, Md. Agent containing active substances and preparing same. 1,986,557; Jan. 1.
- Connolly, Gerald C., and J. A. Pierce, assignors, by mesne assignments, to C. F. Hockley, receiver for The Silica Gel Corporation, Baltimore, Md. Catalytic masses and preparing the same. 1,991,448; Feb. 19.
- Connolly, Gerald C., and J. A. Pierce, assignors, by mesne assignments, to C. F. Hockley, receiver for Silica-Gel Corporation, Baltimore, Md. Platinum contact mass containing promoter and making same. 2,005,412; June 18.
- Connolly, John A., Cut Bank, Mont. Measuring line for well plugs. 2,023,724; Dec. 10.
- Connolly, John T., Livingston, Mont. Saddle. 2,008,977; July 23.
- Connor, George S., assignor of thirty per cent to F. W. Payne and fifteen per cent to C. H. Benham, New York, N. Y. Auxiliary energy plant for motor driven vehicles. 1,992,568; Feb. 26.
- Connor, Jay F., Wilbraham, Mass. Garden implement. 1,987,846; Jan. 15.
- Connor, John H., Newton, assignor to The Tanning Process Company, Boston, Mass. Removing liquids from hides, skins, and leather. 2,004,930; June 18.
- Connor, John H., Newton, assignor to The Tanning Process Company, Boston, Mass. Drum for treating pieces of work. 2,006,441; July 2.
- Connor, John H., Newton, assignor to The Tanning Process Company, Boston, Mass. Operating upon hides, skins, and leather. 2,009,475; July 30.
- Connor, John H., Newton, and M. M. Merritt, Middleton, Mass., assignors to The Tanning Process Company, Boston, Mass. Machine and method for use in stretching and softening leather. 2,014,470; Sept. 17.
- Connor, Kirke W. (See Kern, F. M., and Connor.)
- Connor, Kirke W., assignor to Micromatic Hone Corporation, Detroit, Mich. Honing tool. 2,002,567; May 28.
- Connor, Kirke W., Detroit, Mich., assignor to Micromatic Hone Corporation. Machining cylinders. 2,006,158; June 25.
- Connor, Kirke W., Detroit, Mich., assignor to Micromatic Hone Corporation. Machining cylinders. 2,006,159; June 25.
- Connor, Kirke W., Detroit, Mich., assignor to Micromatic Hone Corporation. Abrading element. 2,009,222; July 23.
- Connors, George H., assignor to Highway Trailer Company, Edgerton, Wis. Lifting mechanism for dump bodies of vehicles. 1,997,104; Apr. 9.
- Connors, George H., Edgerton, assignor to Highway Trailer Company, Edgerton, Wis. Trailer type dumping vehicle. 2,018,838; Oct. 29.
- Connors, William H., Denver Colo. Refrigerator tray. 2,006,442; July 2.
- Conrad, Herbert C., Brooklyn, assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Projection system. 2,016,034; Oct. 1.
- Conover Company, The. (See Stoddard, Edgar S., assignor.)
- Conover, Courtney, St. Louis, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Making benzoyl halides. 2,006,335; July 2.
- Conover, Courtney, St. Louis, F. D. Smith, Kirkwood, and C. V. Benz, St. Louis, Mo., assignor, by mesne assignment, to Monsanto Chemical Company. Manufacture of carboxylic acid ketones and derivatives thereof. 1,999,181; Apr. 30.
- Conover, Richard E., Deer Park, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,993,830; Mar. 12.
- Conrad, Frank, Wilksburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Television apparatus. 1,990,082; Feb. 12.
- Conrad, Frank, Wilksburg, and C. Aalborg, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Motion picture apparatus. 2,023,065; Dec. 3.
- Conrad, Joshua C., Cement City, Okla. Cotton harvesting and cleaning machine. 1,990,816; Feb. 12.
- Conran, William F., Brooklyn, N. Y. Regulator device. 1,986,252; Jan. 1.
- Conran, William F., Brooklyn, N. Y. Fire protection stand-pipe system. 2,001,300; May 14.
- Conran, William F., Brooklyn, N. Y. Fire fighting system. 2,006,709; July 2.
- Conrow, Henry S., Wichita, Kans. Supplementary glazing device for glazed openings. 2,025,198; Dec. 24.
- Conservation Corporation of America. (See Rice, George E., assignor.)
- Consolazio, Anthony, Watertown, Mass. Flowerpot holder. 2,025,707; Dec. 31.
- Consolidated Advertising Corp. (See Hyde, Loring H., assignor.)
- Consolidated Aircraft Corporation. (See Gwinn, Joseph M., Jr., assignor.)
- Consolidated Asbercroft Hancock Company. (See McPherson, R. H., and Carlissiml, assignors.)
- Consolidated Car-Heating Company. (See Hyatt, Louis C., assignor.)

- Consolidated Car-Heating Company. (See Hynes, Lee P., assignor.)
- Consolidated Car-Heating Company. (See Kunz, William W., assignor.)
- Consolidated Car-Heating Company. (See Parsons, Robert J., assignor.)
- Consolidated Car-Heating Company. (See Parsons, R. J., and Heyman, assignors.)
- Consolidated Car-Heating Company. (See Touceda, Enrique G., assignor.)
- Consolidated Car-Heating Company, Inc. (See Touceda, Enrique G., assignor.)
- Consolidated Expanded Metal Companies, The. (See Herbest, Thomas R., Jr., assignor.)
- Consolidated Gas Electric Light and Power Company of Baltimore. (See Betz, P. L., and Karrer, assignors.)
- Consolidated Gas Electric Light and Power Company of Baltimore. (See Guernsey, E. W., and Vollrath, assignors.)
- Consolidated Gas Company of New York. (See Woods, George E., Jr., assignor.)
- Consolidated International Corporation. (See Cave, Edward U., assignor.)
- Consolidated Iron-Steel Mfg. Company of 1932, The. (See Leuman, Joseph, assignor.)
- Consolidated Iron-Steel Mfg. Company of 1932, The. (See Luton, John, assignor.)
- Consolidated Mining and Smelting Company of Canada, The. (See Lee, F. E., Lepsoe, and Chapman, assignors.)
- Consolidated Mounting and Finishing Corp. (See Katz, Samuel J., assignor.)
- Consolidated Packaging Machinery Corp. (See Kuhlrig, Paul, assignor.)
- Consolidated Packing Company. (See Chekian, Frank A., assignor.)
- Consolidated Paper Company, The. (See Forney, C. H., and MacDonald, assignors.)
- Consolidated Paper Corporation Limited. (See Freeman, H., and Hunter, assignors.)
- Consolidated Safety Pin Company. (See Richter, George F., assignor.)
- Consolidated Trimming Corporation. (See Smith, Joseph G., assignor.)
- Constantin, Louis, Paris, France. Automatic piloting device. 2,020,105; Nov. 5.
- Constantinesco, George, Torver, Coniston, England. Railway motor wagon. 2,016,626; Oct. 8.
- Construction Materials Patents, Inc. (See Siegfried, Clarence E., assignor.)
- Construction Materials Patents, Inc. (See Warner, Leroy E., assignor.)
- Constructors Limited. (See Grange, Théodose, assignor.)
- Contact Filtration Company. (See Moore, M. M., Thorburn, and Wilson, assignors.)
- Container Corporation of America. (See Fawkes, C. E., and Mackenzie, assignors.)
- Container Corporation of America. (See Kells, Benjamin F., assignor.)
- Container Corporation of America. (See Nemoede, Paul A., assignor.)
- Container Fitments Inc. (See Gruver, J. H., and Baldwin, assignors.)
- Container Patents, Inc. (See Johnson, Johan S., assignor.)
- Conte, Sebastiano, Princeton, N. J. Electric water heater. 2,000,478; May 7.
- Conti, Eugene, Mount Vernon, assignor, by mesne assignments, to Herz Cup Company, Incorporated, New York, N. Y. Container. 1,992,144; Feb. 19.
- Conti, Eugene, Mount Vernon, assignor, by mesne assignments, to Herz Cup Company, Incorporated, New York, N. Y. Method of and apparatus for making containers. 1,992,145; Feb. 19.
- Conti, Eugene, Mount Vernon, assignor, by mesne assignments, to Herz Cup Company, Incorporated, New York, N. Y. Dispenser. 2,004,520; June 11.
- Conti, Eugene, Mt. Vernon, assignor to Alexander Herz, New Rochelle, N. Y. Packaging machine. 2,014,227; Sept. 10.
- Conti, Eugene, Mount Vernon, assignor to Herz Cup Company, Incorporated, New York, N. Y. Apparatus for manufacturing containers. 2,019,117; Oct. 29.
- Conti, James T. F., assignor to Société par l'Eclairage Rationnel Sper, Paris, France. Optica combinationl. 1,998,187; Apr. 16.
- Conti, James T. F., Paris, France. Connector, particularly for lamps having two filaments. 2,016,853; Oct. 8.
- Conti, John D., Philadelphia, Pa., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Cigar container. 2,018,705; Oct. 29.
- Conti, John D., and E. M. Farris, Philadelphia, Pa., assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Sealing unit. 2,016,627; Oct. 8.
- Continental Aircraft Engine Company. (See Du Bois, Ralph N., assignor.)
- Continental Aircraft Engine Company. (See Niven, Archie M., assignor.)
- Continental Can Company. (See Aulbach, Charles J., assignor.)
- Continental Can Company. (See Bayer, Hugo F., assignor.)
- Continental Can Company. (See Blanford, Lyle, assignor.)
- Continental Can Company. (See Burckle, Louis, assignor.)
- Continental Can Company. (See Coyle, John, assignor.)
- Continental Can Company. (See Cross, Jack M., assignor.)
- Continental Can Company. (See Hodgson, William W., assignor.)
- Continental Can Company. (See Huffman, Oscar C., assignor.)
- Continental Can Company. (See Knop, Paul H., assignor.)
- Continental Can Company. (See Kronquest, Alfred L., assignor.)
- Continental Can Company. (See Kronquest, A. L., and Robison, assignors.)
- Continental Can Company. (See McKinnis, Ronald B., assignor.)
- Continental Can Company. (See Punte, William E., assignor.)
- Continental Can Company. (See Punte, William F., assignor.)
- Continental Can Company. (See Punte, W. F., and Pease, assignors.)
- Continental Can Company. (See Sedwick, Matthew M., assignor.)
- Continental Can Company. (See Trombly, Alexander A., assignor.)
- Continental Can Company. (See Troyer, N., and Dodge, assignors.)
- Continental Can Company. (See Wilhelm, Walter W., assignor.)
- Continental Can Company, Inc. (See Cross, Jack M., assignor.)
- Continental Can Company, Inc. (See O'Brien, Frank J., assignor.)
- Continental Car-Na-Var Corporation. (See Petty, Edward L., assignor.)
- Continental Carbon, Inc. (See Benkelman, Glen F., assignor.)
- Continental Cravat Co. (See Dombrowsky, Abram, assignor.)
- Continental-Diamond Fibre Company. (See Benge, Frank H., assignor.)
- Continental-Diamond Fibre Company. (See Frederick, Louis T., assignor.)
- Continental Diamond Fibre Company. (See Haroldson, Arthur, assignor.)
- Continental-Diamond Fibre Company. (See Landt, Gustave E., assignor.)
- Continental Dirco Company. (See Oberkircher, E. C., and Kaelin, assignors.)
- Continental Equipment Company. (See Phillips, I. M., and Kalinsey, assignors.)
- Continental Gin Company. (See Hagler, C. E., and Merkel, assignors.)
- Continental Illinois Bank and Trust Company. (See Banker, Oscar H., assignor.)
- Continental Illinois National Bank and Trust Company of Chicago. (See Mason, Arthur J., assignor.)
- Continental Illinois National Bank and Trust Company of Chicago, executor. (See Mason, Arthur J.)
- Continental Motors Corporation. (See Bachle, Carl F., assignor.)
- Continental Motors Corporation. (See Du Bois, Ralph N., assignor.)
- Continental Motors Corporation. (See Fink, James O., assignor.)
- Continental Motors Corporation. (See Furay, Carl N., assignor.)
- Continental Motors Corporation. (See Harris, William W., assignor.)
- Continental Motors Corporation. (See Hartley, Alfred J., assignor.)
- Continental Motors Corporation. (See Jacoby, Enos R., assignor.)
- Continental Motors Corporation. (See Kalb, Lewis P., assignor.)
- Continental Motors Corporation. (See Kinnucan, James W., assignor.)
- Continental Motors Corporation. (See McVeigh, John R., assignor.)
- Continental Motors Corporation. (See Meyer, Andre J., assignor.)
- Continental Motors Corporation. (See Meyer, A. J., and Fink, assignors.)
- Continental Motors Corporation. (See Meyer, A. J., and Kalb, assignors.)
- Continental Motors Corporation. (See Meyer, A. J., and Timian, assignors.)
- Continental Motors Corporation. (See Niven, Archie M., assignor.)
- Continental Motors Corporation. (See Snyder, Oscar L., assignor.)
- Continental Motors Corporation. (See Stout, Joseph M., assignor.)
- Continental Motors Corporation. (See Tatter, John W., assignor.)
- Continental Motors Corporation. (See Timian, Harold H., assignor.)
- Continental Motors Corporation. (See Tilley, Norman N., assignor.)
- Continental Motors Corporation. (See Vincent, Edward T., assignor.)
- Continental Motors Corporation. (See Vincent, E. T., and McVeigh, assignors.)
- Continental Oil Company. (See Lincoln, Bert H., assignor.)
- Continental Oil Company. (See McCollum, E. V., and McGhee, assignors.)

- Continental Oil Company. (See Mills, Ronald Van A., assignor.)
- Continental Oil Company. (See Prescott, Harold R., assignor.)
- Continental Oil Company. (See Smith, Eugene J., assignor.)
- Continental Optical Company. (See Duckwall, Frank E., assignor.)
- Continental Optical Company. (See Soden, Fred H., assignor.)
- Continental Paper & Bag Corporation. (See Smithwick, Harold, assignor.)
- Continental Scale Works. (See Weber, Mathias J., assignor.)
- Continental Steel Corporation. (See Vaile, T., and Vonderahe, assignors.)
- Continental Turpentine & Rosin Corporation, Inc. (See Kressman, Frederick W., assignor.)
- Continenza, Joseph. St. Paul, Minn. Tire valve core. 2,016,074; Oct. 1.
- Conus, Jules, Paris, assignor to Ivan Gromoff, Boulogne-sur-Seine, France. Music printing machine. 1,999,959; Apr. 30.
- Convers, Wilber H., Poughkeepsie, N. Y. Heating wire. 1,993,400; Mar. 5.
- Conway, George M., Kansas City, Mo. Automatic window wiper. 2,013,200; Sept. 3.
- Conway, Irvin M. (See McNamara, L. C., Potter, and Conway.)
- Conway, James V. (See Owler, T. D., and Conway.)
- Conway, John H., and F. J. Hamlin, assignors to Rockford Fibre Container Co., Rockford, Ill. Brooder. 1,986,501; Jan. 1.
- Conway, John H., and F. J. Hamlin, Rockford, assignors to The Eddy Paper Corporation, Chicago, Ill. Shipping container. 2,026,417; Dec. 31.
- Conway, Martin J., Coatesville, assignor of one-half to C. Hart, Media, Pa. Production of wrought iron articles. 2,012,599; Aug. 27.
- Conway, Thomas, Jr., et al., cotrustees. (See Hirschfeld, Clarence F., assignor.)
- Conway, Thomas G., Chatham, assignor to The National Lock Washer Company, Newark, N. J. Bus or car window construction. 2,012,120; Aug. 20.
- Conway, Thomas G., Chatham, assignor to The National Lock Washer Company, Newark, N. J. Bus or car window construction. 2,012,156; Aug. 20.
- Conway, William, Hollis, N. Y. Sorting refuse. 2,010,508; Aug. 6.
- Conway, William J., San Francisco, Calif. Loading mechanism. 2,022,881; Dec. 3.
- Conwell, William J., assignor to G. I. Sellers & Sons Company, Elwood, Ind. Lock. 2,017,785; Oct. 15.
- Conwill, Fred F., Berkeley, Calif. Spray device. 2,009,652; July 30.
- Conzetti, Achille, assignor to the firm J. R. Geigy S. A., Basel, Switzerland. Water-insoluble monoazodyestuffs and their production. 2,012,096; Aug. 20.
- Cook, A. D., Inc. (See Swanson, Raymond E., assignor.)
- Cook, Algeron M. and A. W., Oakland, Calif. Musical instrument case. 1,988,718; Jan. 22.
- Cook, Algeron W. (See Cook, Algeron M. and A. W.)
- Cook, Ann J., Northfield, Minn. Breeding saddle apron for turkeys. 1,987,818; Jan. 15.
- Cook, Cedric. (See Smith, W. L., and Dietz, assignors.)
- Cook, Charles A., Lawrence, Mich. Sack or bag holder. 1,994,980; Mar. 19.
- Cook, Charles A., assignor to Fuller Manufacturing Company, Kalamazoo, Mich. Transmission. 2,014,835; Sept. 17.
- Cook, Charles B., Los Angeles, Calif. Air conditioning apparatus. 2,001,410; May 14.
- Cook, Charles B., Los Angeles, Calif. Sterilizing device. 2,021,292; Nov. 19.
- Cook, Cleo C. and M. M., Visalia, Calif. Closure operating mechanism. 2,000,479; May 7.
- Cook, Curtiss L., assignor, by mesne assignments, to Syracuse Chilled Plow Company Inc., Syracuse, N. Y. Agricultural implement. 1,991,543; Feb. 19.
- Cook-Dunbar-Smith Company. (See Walters, Charles A., assignor.)
- Cook, Earle S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,991,881; Feb. 19.
- Cook, Earle S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,994,191; Mar. 12.
- Cook, Earle S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,016,411; Oct. 8.
- Cook, Earle S., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Train control apparatus. 2,017,682; Oct. 15.
- Cook, Earle S., Wilkinsburg, and E. R. Fitch, Irwin, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,016,410; Oct. 8.
- Cook, Egbert C., Los Angeles, Calif. Automobile turntable. 1,993,648; Mar. 5.
- Cook, Ellsworth D., Merchantville, N. J., assignor to Radio Corporation of America. Phonographic apparatus. 2,008,097; July 16.
- Cook, Ellsworth D., Flushing, N. Y., assignor to General Electric Company. Control circuit. 2,015,591; Sept. 24.
- Cook, Ernest P. (See Brown, O. B., and Cook.)
- Cook, Frank L., South Bend, Ind. Orange peeler. 2,022,954; Dec. 3.
- Cook, Galen B., Independence, Mo. Bag and securing means therefor. 1,994,945; Mar. 19.
- Cook, Harmon J., Torrington, Conn. Electric pull chain socket. 2,006,195; June 25.
- Cook, Harmon J., Torrington, assignor to The Connecticut Products Corporation, Bridgeport, Conn. Electric receptacle. 2,012,036; Aug. 20.
- Cook, Harry W., Malta, Ohio. Flushing strip for window frames. 2,004,651; June 11.
- Cook, Howard A., and S. T. Cook, assignors to Turner & Cook, Inc., Southfield, Mass. Making tubular rawhide articles. 2,020,048; Nov. 5.
- Cook, Jerome E., Bronxville, N. Y., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Apparatus for demonstrating the cushioning effect of carpet or rug linings. 1,994,981; Mar. 19.
- Cook, Jesse C., Jeffersonville, Ind., assignor to American Creosoting Company, Louisville, Ky. Timber support for rossing machines and the like. 2,011,037; Aug. 13.
- Cook, John B., Jr., and D. Hutton, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Separating mono- and di-alkyl amines of the benzene series. 1,991,790; Feb. 19.
- Cook, Joseph F., Jr., West Roxbury, Mass., assignor to Radio Corporation of America. Protective device in amplifier circuit. 2,022,406; Nov. 26.
- Cook, Maurice. (See Brownson, H. W., Cook, and Miller.)
- Cook, Milford M. (See Cook, Cleo C. and M. M.)
- Cook, Ralph C., assignor to Universal Oil Products Company, Chicago, Ill. Hydrogenation of hydrocarbons. 1,994,982; Mar. 19.
- Cook, Raymond W., assignor to Wallace Barnes Company, Bristol, Conn. Spring connector. 2,001,835; May 21.
- Cook, Roger A., San Antonio, Tex. Casement operator and lock. 1,993,050; Mar. 5.
- Cook, Seymour S., San Diego, Calif. Portable adjustable reader's desk. 1,996,191; Apr. 2.
- Cook, Sherman L., Salem, Mass., assignor to The Delta Manufacturing Company, Milwaukee, Wis. Duplicating tool. 1,991,051; Feb. 12.
- Cook, Stanley S., assignor to The Parsons Marine Steam Turbine Company Limited, Wallsend-on-Tyne, England. Shaft packing suitable for steam turbines. 2,020,456; Nov. 12.
- Cook, Stanley T. (See Cook, Howard A., and S. T.)
- Cook, Walter, Benton, Ill., assignor to Central Mine Equipment Co., St. Louis, Mo. Mining drill. 2,010,509; Aug. 6.
- Cook, Walter, Benton, Ill., assignor to Central Mine Equipment Co., St. Louis, Mo. Mining drill. 2,010,510; Aug. 6.
- Cook, Wilder H., Athens, N. Y. Heater for automobiles. 1,992,003; Feb. 19.
- Cook, Wilder H., Athens, N. Y. Brake for sleds or sleighs. 1,992,004; Feb. 19.
- Cook, William H. (See Dooxsee, J. H., Jr., and Cook.)
- Cook, William H., Collier City, Fla. Vehicle jack. 1,996,612; Apr. 2.
- Cook Electric Company. (See Baker, J. S., and Schultz, assignors.)
- Cook Electric Company. (See Folds, George R., assignor.)
- Cook Electric Company. (See Persons, Lawrence M., assignor.)
- Cook Electric Company. (See Schultz, Roy M., assignor.)
- Cooke, Alexander H. (See Taylor, H. F., and Cooke.)
- Cooke, Claude W., et al. (See Gordon, Christopher J., assignor.)
- Cooke & Cobb Company. (See Forth, Herman, assignor.)
- Cooke, George T., et al. (See Moriarty, George A., assignor.)
- Cooke, George W., Baldwin, assignor to Devco, Inc., New York, N. Y. Filling and dispensing spout. 2,019,251; Oct. 29.
- Cooke, Gordon A., Pasadena, Calif. Device for transmitting intelligence. 2,001,124; May 14.
- Cooke, Harry E., et al. (See Gordon, Christopher J., assignor.)
- Cooke, Maurice B., New York, N. Y. Pyrolytic decomposition of hydrocarbons. 2,016,798; Oct. 8.
- Cooke, Philip A. (See Meredith, F. W., and Cooke.)
- Cooke, Rupert T., London, assignor to Francis Shaw and Company Limited, Bradford, Manchester, England. Rubber mixing or preparing machines. 2,015,618; Sept. 24.
- Cooke, Thomas S., East Orange, N. J., assignor to Standard Oil Company, Chicago, Ill. Light hydrocarbon distillation. 2,008,578; July 16.
- Cool, David E., St. Louis, Mo. Attaching heels to shoes. 2,004,979; June 18.
- Cool, Robert P., Clinton, Pa., assignor to Standard Steel Spring Company, Buffalo. 2,009,290; July 23.
- Coolerator Company, The. (See Belshaw, Charles F., assignor.)
- Cooley, Austin G., Cambridge, Mass., assignor, by mesne assignments, to Radio Corporation of America. Synchronizing apparatus for phototelegraphy, etc. 2,015,742; Oct. 1.
- Cooley, Henry B., Kensington, Conn., assignor to The American Paper Goods Company, Montclair, N. J. Cup making machine. 1,987,362; Jan. 8.
- Conlidge, Charles H., assignor to Curtis & Marble Machine Company, Worcester, Mass. Operator for intermittent reciprocating action. 2,020,877; Nov. 12.

- Coolidge, Cole, and H. S. Holt, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Noncaking pigment. 2,009,435; July 30.
- Coolidge, Cole, and H. S. Holt, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Noncaking pigment. 2,009,436; July 30.
- Coolidge, Cole, and H. S. Holt, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Noncaking pigment. 2,009,437; July 30.
- Coolidge, Joseph R., Brookline, Mass. Telephone pole and preparing same. 1,992,057; Feb. 19.
- Coolidge, Oliver H., Bedford Hills and M. A. Weaver, Rye, N. Y., assignors to American Telephone and Telegraph Company. Apparatus and method for remedying crosstalk. 2,008,061; July 16.
- Coolidge, William D., assignor to General Electric Company. Schenectady, N. Y. Electrostatic machine. 1,989,610; Jan. 29.
- Coolidge, William D., Schenectady, N. Y., assignor to General Electric Company. Voltage regulator for electrostatic machines. 2,007,890; July 9.
- Coolidge, William D., Schenectady, N. Y., assignor to General Electric Company. Cathode ray tube. 2,010,712; Aug. 6.
- Cooling & Air Conditioning Corporation, The. (See Cano, Vernon, assignor.)
- Cooling and Air Conditioning Corporation, The. (See Lawler, Matthew M., assignor.)
- Cooling Tower Co. Inc., The. (See Tappen, Alexander B., assignor.)
- Coombs, William A., Prospect, South Australia, Australia. Valve gear for axial or for radial engines. 2,021,590; Nov. 19.
- Coomes, Bernard J., Bristol, Ill. Doorlock. 2,006,263; June 25.
- Coon, Clifford L. (See Pfaff, E. R., Coon, and Roethel, Jr.)
- Coon, Delle G., Chapin, Mich. Package for ready to use pie crust dough. 1,988,373; Jan. 15.
- Coon, W. B., Co. (See Williams, Earl C., assignor.)
- Cooney, Edward W. (See Stewart, J. M., Hamm and Cooney.)
- Cooney, John T., Los Angeles, Calif. Combination cardboard box opener and spout. 2,004,600; June 11.
- Cooney, William H., Pittsfield, Mass., assignor to General Electric Company. Transformer winding insulation. 1,992,814; Feb. 26.
- Coons, Cecil F., assignor of forty-two per cent to L. Kay, Los Angeles, Calif. Revolvable sign and operating the same. 2,022,105; Nov. 26.
- Cooper-Bessemer Corporation. (See Bovard, Charles M., assignor.)
- Cooper-Bessemer Corporation. (See Gehres, Hewitt A., assignor.)
- Cooper-Bessemer Corporation. (See Gehres, H. A., and Howard, assignors.)
- Cooper-Bessemer Corporation. (See Shepherd, Harold F., assignor.)
- Cooper, Earl E., assignor to Chambers, Bering, Quinlan Company, Decatur, Ill. Seal cap for closures. 2,010,535; Aug. 6.
- Cooper, Edward E., and A. T. Troedel, Port Melbourne, Victoria, Australia. Photocomposing machine. 1,999,831; Apr. 30.
- Cooper, Francis W., Montreal, Quebec, Canada. Railway rail movement restraining means. 2,008,946; July 23.
- Cooper, Francis W., Montreal, assignor, by mesne assignments, to The Stead Rail Anchor Company, Limited, Montreal, Quebec, Canada. Rail anchor. 2,022,880; Dec. 3.
- Cooper, Frank S., Golf, Ill. Backing sheet for use in preparing manifold copies. 1,999,015; Apr. 23.
- Cooper, Fred, Oakland, Calif. Wagon tailboard latch. 2,012,528; Aug. 27.
- Cooper, Fred E., Tulsa, Okla. Brake drum. 1,994,689; Mar. 19.
- Cooper, Grover C., Hinsdale, assignor to Union Special Machine Company, Chicago, Ill. Hemmer for sewing machines. 2,026,302; Dec. 31.
- Cooper, Harry C., Chicago, Ill. Lubrication device. 2,021,715; Nov. 19.
- Cooper, Harry P., Chicago, Ill. Pressing iron. 2,025,092; Dec. 24.
- Cooper, Jesse E., assignor, by mesne assignments, to National Venetian Blind Co., Los Angeles, Calif. Venetian blind. 2,003,174; May 28.
- Cooper, Joseph, New York, N. Y. Extension table. 2,010,221; Aug. 6.
- Cooper, Joseph H., Schenectady, N. Y., assignor to General Electric Company. Arc welding. 1,992,859; Feb. 26.
- Cooper, Leo M., Yonkers, N. Y. Garment. 2,010,349; Aug. 6.
- Cooper Manufacturing Company. (See Donald, Forrest V., assignor.)
- Cooper, Morris, Chicago, Ill., deceased, Joseph Zowatsky, administrator. Last. 1,989,350; Jan. 29.
- Cooper, Roland S., River Forest, Ill., assignor to The Superheater Company, New York, N. Y. Superheater with boiler. 1,996,099; Apr. 2.
- Cooper, Roland M., and W. R. Spiller, assignors to The White Motor Company, Cleveland, Ohio. Clutch mechanism. 2,019,073; Oct. 29.
- Cooper, Simon, assignor to Cooper Tea Packet Company, Brooklyn, N. Y. Tea-bag package and carton. 2,004,486; June 11.
- Cooper Tea Packet Company. (See Cooper, Simon, assignor.)
- Cooper Tea Packet Company. (See Keller, Andrew, assignor.)
- Cooper, Will, Morton Grove, and J. Dunlop, Park Ridge, Ill., said Dunlop assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Moving stairway. 2,016,104; Oct. 1.
- Cooper, William H., Buffalo, N. Y. Permanent hair waving device. 2,005,288; June 18.
- Cooper, William H., Buffalo, N. Y. Mandel and lock for a hair curler. 2,008,656; July 16.
- Cooper, William J., Portland, Oreg. Device for automatic remote control of liquid discharge. 2,026,271; Dec. 31.
- Cooper, William, & Nephews Inc. (See Timson, Charles E., assignor.)
- Coopers, Inc. (See Kniebler, Arthur R., assignor.)
- Cooperstein, Abraham, Brooklyn, N. Y. Service glass. 1,986,958; Jan. 8.
- Cope, Frank T., assignor to The Electric Furnace Company, Salem, Ohio. Resistor grid for electric furnaces. 2,004,851; June 11.
- Cope, Frank T., Salem, assignor to The Electric Furnace Company, Salem, Ohio. Method of and apparatus for brazing. 2,023,354; Dec. 3.
- Copeland, Mary P. E. (See Copeland, Morris A., and M. P. E.)
- Copeland, Morris A., and M. P. E. Copeland, Ann Arbor, Mich. Infant's reclining toilet chair. 2,009,605; July 30.
- Copeland Refrigeration Corporation. (See Gilbert, H. H., and Replogle, assignors.)
- Copeland Refrigeration Corporation. (See Muffy, Glenn, assignor.)
- Copeland Refrigeration Corporation. (See Replogle, John R., assignor.)
- Copeland, Robert J., Toronto, Ontario, Canada. Manifold carbon copy device. 1,986,136; Jan. 1.
- Copeman Laboratories Company. (See Copeman, Lloyd G., assignor.)
- Copeman, Lloyd G., Flint, Mich. Refrigerator structure. 2,002,339; May 21.
- Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Method of and apparatus for cooling beer. 2,010,060; Aug. 6.
- Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Protective coatings and applying and removing. 2,020,255; Nov. 5.
- Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Protective coatings and applying and removing. 2,020,256; Nov. 5.
- Coplen, James H., Russiaville, Ind. Combination stove. 1,988,238; Jan. 15.
- Copperweld Steel Company. (See Billiter, Jean, assignor.)
- Copcock, Walter J., Moylan, assignor to The American Pulley Company, Philadelphia, Pa. Motor support.
- Coppus, Frans H. C., Worcester, Mass., assignor to A. M. C. Wechsberg, V. L. Wood and F. H. C. Coppus, trustees. Feed water heating system. 2,009,577; July 30.
- Corbells, Theophile, Garwood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for working materials. 2,003,426; June 4.
- Corbett, Edward L. (See McDonald, John C., assignor.)
- Corbett, Edward L. (See Murphy, J. J., and Corbett.)
- Corbett, Eugene B., Houston, assignor to C. S. Crickmer, Dallas, Tex. Float shoe. 2,008,818; July 23.
- Corbett, George B., et al. (See Sargent, Edwin M., assignor.)
- Corbett, Lawrence W., Belmont, assignor of thirty-four per cent to W. H. Doble, Quincy, and thirty-three per cent to B. L. Doble, Hingham, Mass. Combustion apparatus. 2,017,340; Oct. 15.
- Corbett, Lawrence W., Belmont, assignor of thirty-three per cent to B. L. Doble, Hingham, and thirty-four per cent to W. H. Doble, Quincy, Mass. Combustion apparatus. 2,023,577; Dec. 10.
- Corbett, Lawrence W., Belmont and R. N. Doble, Hingham, Mass., assignors of thirty-three per cent to B. L. Doble, Hingham, thirty-four per cent to W. H. Doble, Quincy, Mass., and thirty-three per cent to said L. W. Corbett. Combustion apparatus. 1,999,442; Apr. 30.
- Corbett, Matt Q., U. S. Navy. Water recovery apparatus. 1,987,604; Jan. 15.
- Corbett, Oliver J., et al. (See Campbell, Jackson L., assignor.)
- Corbin, B. A., & Son Co. (See Powning, Henry G., assignor.)
- Corbin, Douglas H. (See Stockbridge, N. F., and Corbin.)
- Corbin, Elbert A., Jr., Gradyville, assignor of one-half to W. C. Biddle, Lansdowne, Pa. Brake. 2,016,359; Oct. 8.
- Corbin, Silvester. (See Barton, W. W., and Corbin.)
- Corby, George E., Rocky River, and H. C. Tunberg, Lakewood, Ohio, assignors to Corby Tunberg, Inc., Cleveland, Ohio. Freight vehicle. 2,019,656; Nov. 5.
- Corby-Tunberg, Inc. (See Corby, G. E., and Tunberg, assignors.)
- Corcoran-Brown Lamp Company, The. (See Reynolds, John F., assignor.)
- Corderman, Roy C., Chevy Chase, Md., assignor to American Telephone and Telegraph Company. Ground defecting arrangement. 2,022,758; Dec. 3.

- Corderoy, Neel, Brentford, England, assignor to The De Laval Separator Company, New York, N. Y. Milking machine installation. 2,021,591; Nov. 19.
- Cordley & Hayes. (See Bowler, Daniel H., assignor.)
- Cordley & Hayes. (See Cole, Raymond W., assignor.)
- Cordo-Hyde Company. (See Eddins, Sextus A., assignor.)
- Cordone, Paolo, New York, N. Y. Registering device. 2,022,407; Nov. 26.
- Cordova, Joaquin P., Lomas de Chapultepec, Mexico. Sectional cable suspension assembly. 2,016,191; Oct. 1.
- Cordray, James M., assignor of one-half to Sachio Iwamizu, Los Angeles, Calif. Bank cashier's guard. 2,007,744; July 9.
- Corduan, Gustave F., Chicago, Ill. Table top. 2,013,135; Sept. 3.
- Corduan, Gustave F., Chicago, Ill. Card table. 2,024,431; Dec. 17.
- Cordy, Henry J. (See Burgoyne, W. J., and Cordy.)
- Corell, Martin. (See Kränzlein, G., Corell, and Schleich.)
- Corell, Martin. (See Kränzlein, G., Diefenbach and Corell.)
- Corell, Martin. (See Kunz, M. A., Kränzlein, Koeberle, Corell, Berthold, and Vollmann.)
- Corell, Martin. (See Vollmann, H., and Corell.)
- Corey, Elmer O., Norwood, assignor to The Edna Brass Manufacturing Company, Cincinnati, Ohio. Locomotive lubricating system. 1,986,324; Jan. 1.
- Corey, George H. (See Corson, Michael G., assignor.)
- Corey, Ross T. (See Curtis, D. W., and Corey.)
- Corhart Refractories Company. (See Kraner, H. M., and Schroeder, assignors.)
- Corigliano, Peter, St. Albans, N. Y., assignor to Bright Star Battery Company, Hoboken, N. J. Dry cell. 2,000,510; May 7.
- Corkran, Ceylon C., assignor to Standard Oil Company of California, San Francisco, Calif. Apparatus for testing journal bearing lubrication. 1,996,093; Apr. 2.
- Corless, Thomas K., Long Island City, N. Y. Muffler. 2,003,500; June 4.
- Corley, John T., Providence, R. I. Nozzle arrangement. 2,006,791; July 2.
- Corn, Julius I. (See Arbuckle, Lawrence L., assignor.)
- Cornelius, Archie B., Davenport, Iowa. Shoe support. 2,025,725; Dec. 31.
- Cornelius, Arthur B., and G. W. Young, Seattle, Wash. Receiving apparatus. 2,021,644; Nov. 19.
- Cornelius Engineering Company. (See Bauch, William H.)
- Cornelius, Frank H., Swissvale, Pa. Furnace. 1,986,878; Jan. 8.
- Cornelius, Frank H., Swissvale, Pa. Furnace. 1,991,449; Feb. 19.
- Cornelius, Frank H., Swissvale, Pa. Gas control system. 1,992,355; Feb. 26.
- Cornelius, Frank H., Swissvale, Pa. Heat exchanger. 2,011,753; Aug. 20.
- Cornelius, Frank H., Swissvale, Pa. Furnace. 2,011,754; Aug. 20.
- Cornelius, Frank H., Swissvale, Pa. Hot air furnace. 2,013,136; Sept. 3.
- Cornelius, Pembroke W. (See Bauch, William H., assignor.)
- Cornelius, Pembroke W., Indianapolis, Ind. Projector base. 1,991,493; Feb. 19.
- Cornell, Dana R. (See Swanson, C. S., Cornell, and Aldrin.)
- Cornell, Edward S., Jr., Larchmont, N. Y. Terrazzo strip. 2,007,955; July 16.
- Cornell, Edward S., Jr., Larchmont, N. Y. Air motor. 2,013,087; Sept. 3.
- Cornell, Edward S., Jr., Larchmont, N. Y. Combined bracket and guard. 2,022,028; Nov. 26.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator & Standard Sanitary Corporation, New York, N. Y. Manufacturing pipe fittings. 1,993,361; Mar. 5.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator & Standard Sanitary Corporation, New York, N. Y. Making elbow pipe fittings of integral tubular metal. 2,002,470; May 21.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator & Standard Sanitary Corporation, New York, N. Y. Pipe fitting. 2,005,969; June 25.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator & Standard Sanitary Corporation, New York, N. Y. Orifice provided element. 2,007,036; July 2.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Variable flow shower head. 2,011,568; Aug. 20.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator & Standard Sanitary Corporation, New York, N. Y. Fin tube structure. 2,012,269; Aug. 27.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Silicon-iron-phosphorus-copper alloy. 2,017,025; Oct. 8.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Hollow wrought metal body and making same. 2,025,973; Dec. 31.
- Cornell, Elias S. (Formerly Corneliusen). (See Rah, J. C., Stene, and Cornell.)
- Cornell, Elias S., Evinston, and C. A. Koerner, assignors to The Delta-Star Electric Company, Chicago, Ill. Secondary plug switch. 2,015,710; Oct. 1.
- Cornell, Fritz G., Jr., Mountain Lakes, N. J. Treatment of cream. 2,003,427; June 4.
- Cornell, Fritz G., Jr., Mountain Lakes, N. J. Deodorizer. 2,025,196; Dec. 24.
- Cornell, Mead, assignor to The Merrill Company, San Francisco, Calif. Liquid measuring and dispensing apparatus. 1,996,461; Apr. 2.
- Cornell, Mead, assignor to Lincoln Engineering Company, St. Louis, Mo. Fluid meter. 2,025,849; Dec. 31.
- Cornell, Mead, San Francisco, and C. C. Curtis, Fruitvale, assignors to C. C. Broadwater, Oakland, Calif. Testing apparatus. 2,024,720; Dec. 17.
- Cornell University. (See Dyce, Elton J., assignor.)
- Corner, George H. C., Birmingham, England, assignor to Hookless Fastener Company. Method and apparatus for making slide fasteners. 1,997,542; Apr. 9.
- Corner, George H. C., Birmingham, England, assignor to Hookless Fastener Company. Making slide fasteners. 2,008,062; July 16.
- Corner, George H. C., Birmingham, England, assignor to Hookless Fastener Company. Slide fastener. 2,018,948; Oct. 29.
- Cornett, Jeff D., et al. (See Ezell, Floy H., assignor.)
- Cornia, Kenneth B., assignor to J. Decker, Salt Lake City, Utah. Fertilizer spreader. 2,008,129; July 16.
- Corning Glass Works. (See Bates, Harry C., assignor.)
- Corning Glass Works. (See Dalton, Robert H., assignor.)
- Corning Glass Works. (See Farncomb, Frederick J., assignor.)
- Corning Glass Works. (See Fleming, Warren O., assignor.)
- Corning Glass Works. (See Gage, Henry P., assignor.)
- Corning Glass Works. (See Githler, Charles E., assignor.)
- Corning Glass Works. (See Gray, D. E., and Weber, assignors.)
- Corning Glass Works. (See Hostetter, J. C., and Smith, assignors.)
- Corning Glass Works. (See Leibig, Edward C., assignor.)
- Corning Glass Works. (See Littleton, Jesse T., assignor.)
- Corning Glass Works. (See McCauley, George V., assignor.)
- Corning Glass Works. (See Morscholz, John F., assignor.)
- Corning Glass Works. (See Oakley, Walter W., assignor.)
- Corning Glass Works. (See Sherwood, Robert G., assignor.)
- Corning Glass Works. (See Smith, Rowland D., assignor.)
- Corning Glass Works. (See Taylor, William C., assignor.)
- Corning Glass Works. (See Weber, Walter C., assignor.)
- Corning Glass Works. (See Woods, William J., assignor.)
- Cornish, Grove H., Manhasset, N. Y. Transparent book. 1,988,998; Jan. 22.
- Cornish, Harry S., Los Angeles, Calif. Solidified gas cartridge or drum. 2,008,321; July 16.
- Cornish, John P., New York, N. Y. Outlet box hanger. 2,018,487; Oct. 22.
- Cornwall, Clement A. K., Victoria, British Columbia, Canada. Wheel lock and easy starting device for vehicles. 2,023,758; Dec. 10.
- Cornwall, James E., Detroit, Mich. Automobile headlight. 2,001,378; May 14.
- Cornwell, Arthur L., Wellsville, N. Y. Wheel puller. 2,005,534; June 18.
- Cornwell, Ralph T. K., Fredericksburg, Va., assignor to Sylvania Industrial Corporation, New York, N. Y. Flexible coating composition. 1,989,683; Feb. 5.
- Cornwell, Ralph T. K., assignor, by mesne assignments, to Sylvania Industrial Corporation, Fredericksburg, Va. Moistproof composition. 1,997,105; Apr. 9.
- Cornwell, Ralph T. K., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Coating composition. 1,997,106; Apr. 9.
- Corrall, Herbert, Helensburgh, Scotland, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Tackling articles. 2,019,294; Oct. 29.
- Corrall, Herbert, Helensburgh, and J. Heggie, Clydebank, Scotland, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Plait-forming mechanism for sewing machines. 1,989,051; Jan. 22.
- Corrall, Herbert, Helensburgh, and J. Heggie, Clydebank, Scotland, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Lock-stitch sewing machine. 2,002,172; May 21.
- Correll, William K., Jackson, Miss. Windshield wiper. 2,002,657; May 28.
- Corridan, Michael F., Chicopee, Mass. Check damper. 2,016,485; Oct. 8.
- Corrigan, Frank J., assignor of one-fourth to E. Frieberger, Rochester, N. Y. Piston and piston ring structure. 2,009,766; July 30.
- Corrigan, George R. (See Hatch, Meredith R., assignor.)
- Corriston, John W., Springfield, Pa. Stock support for heating furnaces. 2,022,649; Dec. 3.
- Corron, George R., and H. J. Clark, Seattle, Wash. Support. 2,012,941; Sept. 3.
- Corry, Arthur. (See Arnold, Thomas C., assignor.)
- Corson, Arthur L., Malden, Mass., assignor to H. D. Peck, Providence, R. I. Pressure adjusting means. 2,012,157; Aug. 20.
- Corson, Harry P., Lakewood, and R. Pfanstiel, Cleveland Heights, assignors to The Gressell Chemical Company, Cleveland, Ohio. Production of lithium compounds. 2,021,988; Nov. 26.
- Corson, Michael G., Jackson Heights, assignor of three-tenths to G. H. Corey, Bayside, N. Y. Copper alloy. 1,988,938; Jan. 22.
- Corson, Michael G., Jackson Heights, N. Y., assignor to Electro Metallurgical Company. Heat treatment of alloys. 1,990,168; Feb. 5.

- Corwin, David S., Greenport, N. Y. Hollow cement block. 2,002,311; May 21.
- Corwin, Raymond W., Haddonfield, N. J., assignor to Benjamin Electric Manufacturing Company, Des Plaines, Ill. Series socket with removable elements. 2,001,379; May 14.
- Corwin, Thomas L. (See Kinkad, F. S. and Corwin.)
- Corwith, Howard P., Watermill, and H. H. Haglund, assignors to The Western Union Telegraph Company, New York, N. Y. Frequency control for a multiplex distributing system. 1,987,595; Jan. 15.
- Cory, Arthur. (See Arnold, Thomas C., assignor.)
- Cory, Catherine F. (See Cory, Ira W., assignor.)
- Cory, Harvey, Chicago, Ill. Stand for coffee funnels. 2,008,898; July 23.
- Cory, Ira W., assignor to K. F. Cory, New York, N. Y. Internal combustion engine. 1,989,549; Jan. 29.
- Cosby, Eric L. H., London, England. Construction of brush. 2,006,234; June 25.
- Cosgrove, Edward P., Detroit, Mich. Time announcer. 2,020,457; Nov. 12.
- Coss, Harold T., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Acoustical material. 1,994,096; Mar. 12.
- Cossor, Frank, London, England. Mercurial pressure gauge. 2,011,928; Aug. 20.
- Cost, William A., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Road grader. 2,024,994; Dec. 17.
- Costa, Frank, and C. Munumer, New York, N. Y. Etching compound. 1,993,920; Mar. 12.
- Costello, Joseph A., deceased, Cleveland, Ohio, Thomas A. Costello, executor, assignor to Thomas A. Costello. Window seat. 2,004,237; June 11.
- Costello, Joseph A., Cleveland, Ohio, T. A. Costello, executor of said J. A. Costello, deceased, assignor to T. A. Costello. Window seat. 2,025,157; Dec. 24.
- Costello, Thomas A. (See Costello, Joseph A., assignor.)
- Costello, Thomas A., executor. (See Costello, Joseph A., assignor.)
- Costigan, Edward F., Milwaukee, Wis. Clothespin receptacle and handle support therefor. 1,989,473; Jan. 29.
- Costin, Wesley J., Milwaukee, Wis. Jack. 2,008,387; July 16.
- Costin, William G., Pittsburgh, and W. M. Horton, Sewickley, Pa., assignors to Pittsburgh Screw & Bolt Corporation. Fabrication of nut blanks. 2,022,076; Nov. 26.
- Cota, Fernando B. (See Hodges, G. F., and Cota.)
- Cotchett, Louis M., Brookline, assignor to Textile Patent & Process Co., Incorporated, Boston, Mass. Treating articles of wood such as spools and bobbins. 2,020,172; Nov. 5.
- Cottareanu, Ionel. (See Tisseyre, L., and Cottareanu.)
- Cotta Transmission Corporation. (See Nelson, Floyd R., assignor.)
- Cottee, Clifford H. F., Ottawa, Ontario, Canada. Dehydrating Glauber's salt and the like. 2,017,586; Oct. 15.
- Cotter, William F., and M. E. Bond, assignors to United American Bosch Corporation, Springfield, Mass. Electric converter. 2,013,878; Sept. 10.
- Cotter, William F., and M. E. Bond, assignors to United American Bosch Corporation, Springfield, Mass. Inductance device. 2,025,093; Dec. 24.
- Cotterman, Frederick W. (See Apple, V. G., and Cotterman.)
- Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Automatic automotive transmission gearing. 1,988,440; Jan. 22.
- Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Automatic transmission gearing. 2,018,488; Oct. 22.
- Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Automatic clutch and transmission mechanism. 2,021,645; Nov. 19.
- Cottet, André, assignor to Compagnie Generale de Telegraphie, San Fils, Paris, France. Modulation. 2,023,780; Dec. 10.
- Cottingham, Charles E., Aurora, Mo. Churn dasher. 2,020,299; Nov. 12.
- Cottingham, Edward B., Oak Park, assignor of one-half to R. J. Kenny, Chicago, Ill. Valve operating means. 2,019,252; Oct. 29.
- Cotton, Charles H., and J. B. Roselund, Kewanee, Ill., assignors to Walworth Patents Inc., Boston, Mass. Packing device. 1,996,953; Apr. 9.
- Cotton, Lee J., Chicago, Ill. Switch lock for railways. 1,998,570; Apr. 23.
- Cotton, Richard T., and H. D. Young, Washington, D. C., dedicated to Government and the People of The United States of America. Fumigant. 2,024,027; Dec. 10.
- Cotton, William J., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Arylating peracid. 1,988,719; Jan. 22.
- Cotton, William J., Kenmore, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of alpha naphthol. 2,025,197; Dec. 24.
- Cotton-Wood Products, Inc. (See Gerard, George A., assignor.)
- Cottrell, C. B., & Sons Company. (See Barber, Howard M., assignor.)
- Cottrell, C. B., & Sons Company. (See Cottrell, Calvert B., 3d, assignor.)
- Cottrell, Calvert B., 3d, assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Bed and cylinder printing press. 2,009,686; July 30.
- Cottrell, Calvert B., 3d, assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Bed and cylinder printing press. 2,009,687; July 30.
- Cottrell, Calvert B., 3d, assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Bed and cylinder printing press. 2,009,688; July 30.
- Cottrell, Calvert B., 3d, assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Bed and cylinder printing press. 2,020,020; Nov. 5.
- Cottrell, Herbert, Point Pleasant, N. J. Device for forming rosette-like articles. 2,011,617; Aug. 20.
- Cottrell, Herbert T., Vancouver, British Columbia, Canada. Gravitational brake releasing mechanism. 2,021,574; Nov. 19.
- Coubrough, George B., Long Beach, Calif., assignor to The Lummus Company, New York, N. Y. Column. 1,987,097; Jan. 8.
- Coubrough, George B., Long Beach, Calif., assignor to The Lummus Company, New York, N. Y. Column. 1,988,188; Jan. 15.
- Coubrough, George B., Long Beach, Calif., assignor to The Lummus Company, New York, N. Y. Distilling heavy lubricating oils. 1,991,791; Feb. 19.
- Coubrough, George B., Long Beach, Calif., assignor to The Lummus Company, New York, N. Y. Separating heavy petroleum mixtures. 1,991,792; Feb. 19.
- Coubrough, George B., Long Beach, Calif., assignor to The Lummus Company, New York, N. Y. Condensing petroleum fractions. 2,002,731; May 28.
- Couch, Buel. (See Mahoney, Charles G., assignor.)
- Couch, Forrest J., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Fabric folding machine. 2,000,062; May 7.
- Couch, Forrest J., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Double side ironer. 2,003,993; June 4.
- Couch, Forrest J., Rochester, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Folding machine. 2,000,063; May 7.
- Couch, Forrest J., Rochester, N. Y., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Lot or bundle assorter for ironing machines. 2,002,138; May 21.
- Couch, Forrest J., Rochester, N. Y., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Towel stacker. 2,019,560; Nov. 5.
- Couch, Glenn F., Rochester, assignor to The Symington Company, New York, N. Y. Journal box. 1,997,573; Apr. 16.
- Couch, Glenn F., Rochester, assignor to The Symington Company, New York, N. Y. Journal box. 1,998,445; Apr. 23.
- Couch, Glenn F., Rochester, assignor to The Symington Company, New York, N. Y. Journal box. 1,998,980; Apr. 23.
- Couch, Glenn F., Rochester, assignor to The Symington Company, New York, N. Y. Railway truck. 2,008,683; July 23.
- Couch, Glenn F., Rochester, assignor to The Symington Company, New York, N. Y. Journal box. 2,018,949; Oct. 29.
- Couch, Glenn F., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 2,025,726; Dec. 31.
- Couëtoux, Henri C. (See Mallet, C., and Couëtoux.)
- Coughlan, Gerald N., West Orange, N. J. String bean preparing instrument. 2,010,222; Aug. 6.
- Coughlin, Hilary, Belfast, Me. Puzzle. 2,007,421; July 9.
- Coughlin, Joseph D., New York, N. Y., assignor to Jaydel Novelty Manufacturers, Inc. Machine for sealing wire in a wooden member. 2,018,839; Oct. 29.
- Coulson, Charles H., Hanover, Pa. Device for applying paste to materials. 1,986,502; Jan. 1.
- Coulson, Herbert M., assignor to Sinclair Prairie Oil Company, Tulsa, Okla. Automatic shutter for water cooling towers. 2,010,980; Aug. 13.
- Coulston, Melvin H., Washington, D. C. Book structure and binder for leaves. 2,005,717; June 18.
- Coultas, Wilbur J. (See Paradise, L. A., Coultas, and Andrews.)
- Coultas, Wilbur J., assignor to Deere & Company, Moline, Ill. Corn harvester. 1,997,630; Apr. 16.
- Coultas, Wilbur J., assignor to Deere & Company, Moline, Ill. Mower. 1,999,868; Apr. 30.
- Coultas, Wilbur J., assignor to Deere & Company, Moline, Ill. Resilient wheel support for harvesters. 2,001,183; May 14.
- Coultas, Wilbur J., and N. F. Andrews, Moline, assignors to Deere & Company, Moline, Ill. Harvester. 2,004,720; June 11.
- Coulter, Guy H. (See Arbuckle, S. F., and Coulter.)
- Coulton, William C., Medford, Mass., assignor of one-eighth to A. A. Stearns, Brooklyn, N. Y. Ventilation of houses. 2,018,997; Oct. 29.
- Council, John M., Wananish, N. C. Tool for transplanting. 2,014,311; Sept. 10.
- Countryman, Guy A., Ashland, Ohio. Automobile repair tool. 2,010,713; Aug. 6.
- Coupland, R. C., U. S. Army, Norfolk, Va. Discharger for projectiles. 1,986,794; Jan. 8.
- Coupland, Richard C., U. S. Army, Norfolk, Va. Discharger. 1,997,574; Apr. 16.

- Coupland, Richard C., U. S. Army, Norfolk, Va. Impulse generator. 1,998,446; Apr. 23.
- Coupland, Richard C., U. S. Army, Norfolk, Va. Impulse generator. 1,998,447; Apr. 23.
- Coupland, Richard C., Norfolk, Va. Fire-control apparatus for guns. 2,012,960; Sept. 3.
- Coupland, Richard C., Norfolk, Va. Mount for machine guns. 2,014,376; Sept. 17.
- Courmettes, Henry A., Brooklyn, N. Y. Bifocal lens. 1,991,544; Feb. 19.
- Courney, Nicholas P., Passaic, N. J. Can opener and cover. 2,006,944; July 2.
- Coursen, George L., East Orange, assignor of one-half to H. T. Sorg, Newark, N. J. Photographic shutter. 2,002,109; May 21.
- Court, Frank T., assignor to Deere & Company, Moline, Ill. Harvester. 2,001,078; May 14.
- Court, Frank T., assignor to Deere & Company, Moline, Ill. Cotton harvester. 2,001,079; May 14.
- Court, Walter, Brondesbury, England. Cold vulcanization of rubber. 1,993,435; Mar. 5.
- Courtaulds Limited. (See Baguley, N. G., Topham, and Lewis, assignors.)
- Courtaulds Limited. (See Glover, W. H., and Shedden, assignors.)
- Courtaulds Limited. (See Topham, C. F., Hazeley and Morton, assignors.)
- Courtemanche, Antonio, Montreal, Quebec, Canada. Heater. 1,994,690; Mar. 19.
- Courtney de Guere, Charles H. (See Kromm, V. O., Kohl, and Courtney de Guere.)
- Courtney, Robert P., Maplewood, N. J., assignor to Bakelite Corporation, New York, N. Y. Coating porous material. 1,987,549; Jan. 8.
- Courtois, Georges, Paris, assignor to Société Française du Vialit, Paris, France. Paving of roads or streets. 2,025,496; Dec. 24.
- Courtright, William H., Hawthorne, N. J. Curtain operating mechanism. 2,023,666; Dec. 10.
- Couse, Percy H., New York, N. Y. Court game. 2,006,497; July 2.
- Cousens, Eda, executrix. (See Marlon, Frank, assignor.)
- Cousin, Maurice, Paris, France. Internal combustion engine. 2,024,848; Dec. 17.
- Cousineau, Ernest V., Holyoke, Mass. Fusible plug. 2,014,964; Sept. 17.
- Cousins, Wilfred R., Northwich, England, assignor to Imperial Chemical Industries Limited. Stable gas-generating compositions. 2,008,489; July 16.
- Cousley, Charles B. (See Ciesl, F. P., Cousley, and Meyers.)
- Coutant, Jay G., New York, N. Y. Boiler furnace. 2,025,042; Dec. 24.
- Couture, Romeo J., assignor of one-half to R. J. Talbot, Springfield, Mass. Machine for making sandwich biscuits. 2,018,950; Oct. 29.
- Couyoumlian, Karl, Detroit, Mich. Hat ironing machine. 2,006,264; June 25.
- Covell, Harold S., assignor to Hart & Cooley Manufacturing Company, Holland, Mich. Plaster frame for wall registers or grilles. 2,011,797; Aug. 20.
- Covell, Harold S., assignor to Hart & Cooley Manufacturing Company, Holland, Mich. Register. 2,017,306; Oct. 15.
- Covell, Harold S., and C. Lohman, assignors to Hart & Cooley Manufacturing Company, Holland, Mich. Honeycomb directional grille. 2,000,274; May 7.
- Coveney, Douglas G. (See Bedford, L. H., and Coveney.)
- Cover, Harvey S., South Bend, Ind. Respirator. 2,000,064; May 7.
- Coverdale, Nunas W., and G. T. Eaton, Fontana, Calif. Bottle locker. 2,017,786; Oct. 15.
- Covey, Howard M., et al. (See Mathers, Harry M., assignor.)
- Covill, Harry A., Royal Oak, assignor to National Twist Drill and Tool Company, Detroit, Mich. Cutter for forming twist drills. 1,989,667; Feb. 5.
- Cowan, Charles H., Jr., Stonington, Conn. Swift. 2,021,048; Nov. 12.
- Cowan, Clarence P., Montreal, Quebec, Canada, assignor to The Patent and Licensing Corporation, Boston, Mass. Siding shingle. 2,012,709; Aug. 27.
- Cowan, Frank A., East Orange, N. J., assignor to American Telephone and Telegraph Company. Volume control for transmission circuits. 2,003,428; June 4.
- Cowan, Frank A., East Orange, N. J., assignor to American Telephone and Telegraph Company. Communication amplifier with feed-back. 2,017,180; Oct. 15.
- Cowan, Frank A., New York, N. Y., assignor to American Telephone and Telegraph Company. Modulating system. 2,025,158; Dec. 24.
- Cowan, Nathan, assignor to Commercial Products Company, Chicago, Ill. Portable device for producing and delivering steam and hot water under pressure. 2,014,836; Sept. 17.
- Cowan, R. Guy, assignor to Onondaga Pottery Company, Syracuse, N. Y. Article of tableware. 2,024,995; Dec. 17.
- Cowan, Robert, Sarnia, Ontario, Canada, assignor to Standard Oil Development Company. Centrifugal separation. 1,998,359; Apr. 16.
- Cowdery, Arthur B., Needham, Mass., assignor to The Barrett Company, New York, N. Y. Rubber compounding. 2,006,310; June 25.
- Cowdery, Arthur B., Needham, Mass., and T. A. Bulifant, Maywood, N. J., assignors to The Barrett Company, New York, N. Y. Product and process for rubber compounding. 1,986,389; Jan. 1.
- Cowdery, Robert H., Geneva, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Arrow for archery. 1,989,847; Feb. 5.
- Cowdery, Robert H., Geneva, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Shovel. 2,013,626; Sept. 3.
- Cowdrey, Charles F., Jr. (See Gough, Arthur C., assignor.)
- Cowell, Warner T. (See Slade, L. D., and Cowell.)
- Cowen, David F., New York, N. Y. Wrist watch strap. 1,996,276; Apr. 2.
- Cowen, Joshua L., assignor to The Lionel Corporation, New York, N. Y. Toy vehicle. 2,023,516; Dec. 10.
- Cowen, Laval A. (See Harvey, Nathan R., assignor.)
- Cowen, Mortimer W., New York, N. Y. Music supporting case. 2,014,721; Sept. 17.
- Cowey, Leonard E., Surrey, England. Filling machine for aerated mineral water siphon bottles. 2,021,543; Nov. 19.
- Cowgill, George R., (See Block, R. J., and Cowgill.)
- Cowles, C., and Company. (See Driessens, J. C., and Carmichael, assignors.)
- Cowles, Elsworth C. (See Jones, J. W., and Cowles.)
- Cowles, George P. (See Tisseyre, L., and Cotnareanu, assignors.)
- Cowles, George P., Waterbury, Conn. Electrical actuating means for clocks and instruments. 2,002,433; May 21.
- Cowles, Glenn B. (See Smith, S. K., Cowles, and Cross.)
- Cowles, Henry C., Jr. (See Henderson, L. M., Ferris, and Cowles.)
- Cowles, Irving, Detroit, Mich. Flexible conduit. 2,008,175; July 16.
- Cowles, Irving, Detroit, Mich., assignor to Union Bank of Chicago, Chicago, Ill. Lubricant discharge valve for forced lubricating systems. 2,000,925; May 14.
- Cox, Albert H. (See Storer, E. L., and Cox.)
- Cox, Angus M., assignor to American Enka Corporation, Enka, N. C. Package wrapper for textile products. 1,987,596; Jan. 15.
- Cox, Catherine C., et al., administrators, et al. (See Conklin, W. F., Hopkins, and Hover.)
- Cox, Charles K., St. Louis, Mo. Mold. 2,024,092; Dec. 10.
- Cox, Edwin R., Los Angeles, Calif., assignor to The Texas Company, New York, N. Y. Recovery of stable gasoline from natural gas. 2,002,340; May 21.
- Cox, Genevieve F., Elizabeth, N. J. Sewage disposal for public carriers. 1,996,325; Apr. 2.
- Cox, George D., assignor to Williams and Marcus Company, Philadelphia, Pa. Data sheet holder. 2,003,854; June 4.
- Cox, George E., Niagara Falls, assignor to American Cyanamid Company, New York, N. Y. Granulated calcium nitrate and producing the same. 1,989,684; Feb. 5.
- Cox, Gerald J., and J. H. Ferguson, Pittsburgh, Pa., assignor, by mesne assignments, to Niacet Chemicals Corporation, New York, N. Y. Sugar acylation. 2,013,034; Sept. 3.
- Cox, Henry G., Beloit, assignor to J. I. Case Company, Racine, Wis. Magneto. 2,006,792; July 2.
- Cox, Henry G., Beloit, Wis., assignor to Fairbanks, Morse & Company, Chicago, Ill. Impulse coupling. 2,014,103; Sept. 10.
- Cox, Henry L., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Corrosion inhibitor. 1,992,689; Feb. 26.
- Cox, Henry L., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Liquid composition. 2,003,429; June 4.
- Cox, Henry L., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Chloroethyl chloroethoxy-ethyl ether. 2,017,811; Oct. 15.
- Cox, Henry L., South Charleston, and P. S. Greer, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Preservation of organic substances. 1,992,292; Feb. 26.
- Cox, Henry L., South Charleston, W. Va., and L. J. Chapsadle, Buffalo, N. Y., assignors to Carbide and Carbon Chemicals Corporation. Liquid medium for heat and pressure transfer. 2,003,662; June 4.
- Cox, Henry L., and T. F. Carruthers, South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Ether derivative of morpholine alcohols and making it. 2,023,872; Dec. 10.
- Cox, John C., assignor to Wagner Electric Corporation, St. Louis, Mo. Vehicle construction. 1,994,504; Mar. 19.
- Cox, John C., assignor to Wagner Electric Corporation, St. Louis, Mo. Operating fluid for hydraulic transmission. 2,017,089; Oct. 15.
- Cox, John H., Quincy, Ill. Minnow bucket. 2,020,536; Nov. 12.
- Cox, John W., assignor to Self-Locking Carton Co., Chicago, Ill. Egg carton. 1,992,192; Feb. 26.
- Cox, Laurence R., Greer, S. C. Method of and apparatus for supporting and manipulating loom harness. 2,016,543; Oct. 8.
- Cox, Leo G., Pensacola, Fla. Protractor. 2,000,926; May 14.
- Cox, Leslie R., Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency changer and circuits therefor. 1,998,119; Apr. 16.

- Cox, Raymond E., Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Jelly preparation. 1,999,443; Apr. 30.
- Cox, Richard T. (See Greattinger, C., and Cox.)
- Cox, Stephen J., Westfield, N. J., assignor to Packing Products Corporation, New York, N. Y. Packing for fragile articles. 1,989,506; Jan. 29.
- Cox, Walter, Methuen, assignor, by mesne assignments, to Rox Supply Co., Lowell, Mass. Reciprocating bobbin ring frame. 1,998,981; Apr. 23.
- Cox, Walter, Methuen, and G. W. Pearson, assignors to Rox Supply Co., Lowell, Mass. Double action spinning and twisting frame. 2,017,307; Oct. 15.
- Cox, William J., Neutral Bay, near Sydney, New South Wales, Australia. Supporting showcards and the like. 2,007,077; July 2.
- Coxhead, Ralph C., Corporation. (See Fuchs, Charles A., assignor.)
- Coxhead, Ralph C., Corporation. (See Pitman, Henry L., assignor.)
- Coxhead, Ralph C., Corporation. (See Resch, Henry, assignor.)
- Coxhead, Ralph C., Corporation. (See Trego, Frank H., assignor.)
- Coxhead, Ralph C., New York, N. Y., and C. W. Norton, West Orange, N. J., assignors, by mesne assignments, to Brunsviga Maschinenwerke Grimme Natalis & Co. A. G., Brunswick, Germany. Adding machine. 1,986,137; Jan. 1.
- Coy, Jay A., Glen Ridge, and H. I. Romnes, Bloomfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control circuit. 2,017,654; Oct. 15.
- Coy, Joseph A. and R. W. Drake, Oklahoma City, Okla. Liquid lifting device. 2,007,745; July 9.
- Coyle, John, Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Sheet metal container. 2,004,852; June 11.
- Coyle, John, Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Container for time fuses. 2,025,339; Dec. 24.
- Coyle, John, Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Container for dispensing powder. 2,026,462; Dec. 31.
- Coyle, Joseph L., London, Ontario, Canada, assignor to L. Benoit, New York, N. Y. Filler package. 2,001,816; May 21.
- Coyle, Leonidas, Trenton, N. J. Pump. 1,999,655; Apr. 30.
- Coyle Mineral Extraction Corporation, The. (See Coyle, Robert M., assignor.)
- Coyle, Robert M., Denver, Colo., assignor to The Coyle Mineral Extraction Corporation. Amalgamating and concentrating apparatus. 1,988,720; Jan. 22.
- Coyne, Francis J. (See Coyne, Harry J. and F. J.)
- Coyne, Harry J., Weston, and F. J. Coyne, Newton Center, assignors to Sterling Fibre Company, Waltham, Mass. Method and apparatus for filling upholstery plaits. 1,991,379; Feb. 19.
- Cozens, Harry Thompson, and C. L. Walser, Cleveland, Ohio, said Cozens assignor to said Walser. Timing device. 2,010,781; Aug. 6.
- Cozy, Michael, Waterbury, Conn., assignor to Auto Research Corporation, Dover, Del. High pressure automatic lubricating system. 1,986,390; Jan. 1.
- Crabill, Frank M. (See Pollock, Fred W., assignor.)
- Crabtree, John I., assignor to Eastman Kodak Company, Rochester, N. Y. Edge marked motion picture film. 2,024,627; Dec. 17.
- Crabbs, Herbert J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,015,619; Sept. 24.
- Crabtree, Leonard L., Bridgeport, Conn., assignor, by mesne assignments, to The Saltex Looms, Inc. Pile fabric. 2,007,078; July 2.
- Crackel, William T. (See Kniffen, H. W., and Crackel.)
- Cracknell, Richard J., Park Royal, assignor to U. D. Engineering Company Limited, London, England. Device for regulating the flow of refrigerants in refrigerating plants. 2,024,721; Dec. 17.
- Craddock, Frederick L., assignor to Mixing Equipment Company Inc., Rochester, N. Y. Emulsifying unit. 2,008,684; July 23.
- Craddock, Frederick L., assignor to Mixing Equipment Company, Inc., Rochester, N. Y. Telescopic rotor agitator. 2,024,340; Dec. 17.
- Craft, J. B. (See Brignoni, Albert C., assignor.)
- Craft, Walter B., assignor of one-fourth to C. M. Smith, Tyler, Tex. Automobile doorlatch operator. 2,006,129; June 25.
- Craftint Manufacturing Company. (See Swaysland, William, assignor.)
- Crafts, Curtis S., Oak Park, Ill., assignor to Goss Printing Press Company, Chicago, Ill. Printing press. 1,993,874; Mar. 12.
- Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Matrix rolling machine and method. 2,008,819; July 23.
- Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 2,014,016; Sept. 10.
- Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Folding mechanism. 2,016,486; Oct. 8.
- Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Folding mechanism. 2,019,658; Nov. 5.
- Crafts, Curtis S., Oak Park, assignor to Goss Printing Press Company, Chicago, Ill. Cutting mechanism. 2,020,996; Nov. 12.
- Crafts, Curtis S., and C. A. Harless, Oak Park, assignors to The Goss Printing Press Company, Chicago, Ill. Folding mechanism. 1,987,325; Jan. 8.
- Crafts, Walter. (See Kinzel, A. B., and Crafts.)
- Crafts, Walter, New York, N. Y., assignor to Electro Metallurgical Company. Alloy steel. 2,013,137; Sept. 3.
- Craftwood, Inc. (See Roman, Charles, assignor.)
- Crager, Arthur, Mulberry, Fla., and H. C. Molsinger, Pulaski, Tenn., assignors to Phosphate Recovery Corporation, New York, N. Y. Concentration of barite bearing materials. 2,016,105; Oct. 1.
- Crager, Harry R., Schenectady, N. Y., assignor to General Electric Company. Oil burner control. 1,985,978; Jan. 1.
- Crager, Harry R., Schenectady, N. Y., assignor to General Electric Company. Thermal time relay. 2,020,106; Nov. 5.
- Crager, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,022,708; Dec. 3.
- Craig, Arthur D., Springfield, Mo. Fishing line float and sinker. 1,992,293; Feb. 26.
- Craig, Carl J., Chicago, Ill. Moving picture projector. 1,993,209; Mar. 5.
- Craig, Charles W. (See Brown, C. A., Craig, and Van-Sickle.)
- Craig, David, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,009,480; July 30.
- Craig, Herman F., Franklin, Ind. Toilet seat. 2,011,038; Aug. 13.
- Craig, James A., Peekskill, N. Y. Expandable hose reel. 2,010,811; Aug. 13.
- Craig, John F., Upper Montclair, N. J., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure and electric brake interlock. 2,012,746; Aug. 27.
- Craig, John F., Upper Montclair, N. J., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Application and release valve device. 2,024,628; Dec. 17.
- Craig, Kenneth, et al. (See Duncan, Walter G., assignor.)
- Craig, Palmer H., Cincinnati, Ohio, assignor to Invex Corporation. Regulator system. 1,992,146; Feb. 19.
- Craig, Palmer H., Cincinnati, Ohio, assignor to Invex Corporation. Power control circuits. 2,001,836; May 21.
- Craig, Palmer H., Cincinnati, Ohio, assignor to Invex Corporation. Power control circuits. 2,001,837; May 21.
- Craig, Palmer H., Cincinnati, Ohio, assignor to Invex Corporation. Power control circuits. 2,001,838; May 21.
- Craig, Palmer M. (See Ward, A. K., and Craig.)
- Craig, Robert F. (See Hornbuckle, W. P., and Craig.)
- Craig, Stuart L., New York, N. Y. Sanitary tissue dispensing and receiving device. 1,988,939; Jan. 22.
- Craig, Wallace A., Los Angeles, and F. E. Griffith, Long Beach, assignors to W. C. McDuffie, receiver for Richfield Oil Company of California, Los Angeles, Calif. Asphalt coating material and producing same. 1,997,569; Apr. 16.
- Craig, Walter C., assignor of one-half to R. E. Proctor, Tulsa, Okla. Sediment separating trap. 1,992,472; Feb. 26.
- Craig, William D., Meadville, Pa., assignor to Hookless Fastener Company. Garment. 1,990,426; Feb. 5.
- Craig, William D., Meadville, Pa., assignor to Hookless Fastener Company. Garment. 2,021,098; Nov. 12.
- Craig, William E. (See Green, R. D., and Craig.)
- Craig, William E., Joplin, Mo. Quinine mercuric compound and making it. 1,988,374; Jan. 15.
- Craig, William H., assignor to Philadelphia Storage Battery Company, Philadelphia, Pa. Packing articles within packing boxes. 2,018,605; Oct. 22.
- Craighead, John R., Denver, Colo. Fly book. 2,011,709; Aug. 20.
- Craighead, Magruder, Greenburgh, N. Y. Underground conduit construction. 2,003,580; June 4.
- Craigio, John M., Hartford, Conn. Apparatus for forming castings. 2,012,679; Aug. 27.
- Craine, Inc. (See Craine, Leo D., assignor.)
- Craine, Leo D., Sherburne, assignor to Craine, Inc., Norwich, N. Y. Door closure. 1,998,416; Apr. 16.
- Crale, Clarence C., Shillington, Pa. Boring tool. 1,989,227; Jan. 29.
- Cralley, John T., Chicago, Ill., assignor to P. H. Murphy Company, New Kensington, Pa. Hatch construction. 2,017,751; Oct. 15.
- Cram, Geo. F., Company, The. (See Beck, Johnse H., assignor.)
- Cramer, Albert M., assignor to Horn & Hardart Baking Company, Philadelphia, Pa. Valve organization. 2,016,413; Oct. 8.

- Cramer, Albert N., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Machine for forming glass lens blanks. 1,986,917; Jan. 8.
- Cramer, Albert N., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Machine for forming glass bottles or similar blown glass articles. 1,986,918; Jan. 8.
- Cramer, Albert N., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Machine for making blown hollow glassware. 1,986,919; Jan. 8.
- Cramer, Albert N., assignor to A. B. Cramer, Toledo, Ohio. Press for forming glass articles. 2,009,994; Aug. 6.
- Cramer, Albert N., assignor, by mesne assignments to Owens-Illinois Glass Company, Toledo, Ohio. Machine for forming tumblers and other glass articles. 2,016,360; Oct. 8.
- Cramer, Albert N., assignor, by mesne assignments to Owens-Illinois Glass Company, Toledo, Ohio. Machine for making tumblers. 2,016,361; Oct. 8.
- Cramer, Albert N., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Machine for forming hollow glass articles. 2,016,362; Oct. 8.
- Cramer, Albert N., assignor to A. B. Cramer, Toledo, Ohio. Machine for forming glass lens blanks. 2,023,781; Dec. 10.
- Cramer, Alice B. (See Cramer, Albert N., assignor.)
- Cramer, Frank W., Youngstown, Ohio, assignor to Republic Steel Corporation. Method and apparatus for electric welding. 2,016,414; Oct. 8.
- Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preparing thiuram disulphides. 2,014,353; Sept. 10.
- Cramer, John D. (See Lipper, A. C., and Cramer.)
- Cramer, Joseph D., Goshen, Ind., assignor to The Chase Bag Company, New York, N. Y. Seam for bags. 2,022,501; Nov. 26.
- Cramer, Louis W., St. Joseph, Mo. Container. 2,024,910; Dec. 17.
- Cramer, Raymond H., and J. G. Morrell, Newark, N. J., assignors to General Motors Corporation, Detroit, Mich. Machining process. 1,994,754; Mar. 19.
- Cramer, Richard L., Balwinsville, N. Y. Joint for elliptical springs. 2,010,177; Aug. 6.
- Cramer, Stanley S., Haddon Heights, assignor to Radio Condenser Company, Camden, N. J. Speed reducing mechanism. 1,991,845; Feb. 19.
- Cramer, Stanley S., Haddon Heights, assignor to Radio Condenser Company, Camden, N. J. Vernier drive mechanism. 1,991,846; Feb. 19.
- Cramer, Stanley S., Haddon Heights, assignor to Radio Condenser Company, Camden, N. J. Light reflecting device. 1,993,595; Mar. 5.
- Cramer, Stanley S., Haddon Heights, assignor to Radio Condenser Company, Camden, N. J. Variable tuning and trimmer condenser. 2,010,584; Aug. 6.
- Cramer, Stanley S., Haddon Heights, assignor to Radio Condenser Company, Camden, N. J. Street sign. 2,014,558; Sept. 17.
- Cramer, Stanley S., Haddon Heights, assignor to Radio Condenser Company, Camden, N. J. Gearing means. 2,016,854; Oct. 8.
- Cramp, David L., Kirkland Lake, Ontario, Canada. Screen. 2,019,253; Oct. 29.
- Cramp, William, Edgbaston, Birmingham, and N. H. Searby, Erdington, Birmingham, England. Electric supply for lamps in coal mines and like places. 2,011,929; Aug. 20.
- Crandall, Harry C., Kansas City, Kans. Automatic tire inflater. 2,021,646; Nov. 19.
- Crandall, Merton L., Jackson, Mich. Hammer. 2,001,868; May 21.
- Crandon, Frank P., New Bedford, Mass. Brooder for chicks. 1,995,471; Mar. 26.
- Crane, Amos W. (See Northrup, D. E., and Crane.)
- Crane, Carl J., Albrook Field, Canal Zone. Airplane stabilizer. 2,007,964; July 16.
- Crane, Clifford M., St. Paul, Minn. Water circulator for boilers. 1,992,193; Feb. 26.
- Crane Co. (See Fennema, Richard, assignor.)
- Crane Co. (See Lange, Joseph O., assignor.)
- Crane Co. (See Lloyd, Clyde T., assignor.)
- Crane Co. (See Magos, J. P., and McRae, assignors.)
- Crane Co. (See Olson, C. A., and Patterson.)
- Crane Co. (See Pohl, Hans E. K., assignor.)
- Crane Co. (See Sorensen, Alfred K., assignor.)
- Crane Co. (See Zinkil, R. H., and Fredrickson, assignors.)
- Crane Company of Minnesota. (See Hougland, Albert C., assignor.)
- Crane, Edward V., assignor to E. W. Bliss Company, Brooklyn, N. Y. Feed for sheet metal working machines. 2,006,040; June 25.
- Crane, George H., Muskegon, Mich. Brake adjusting gauge. 2,002,286; May 21.
- Crane, Hubert R., Los Angeles, Calif. Flexible-rod, sewer cleaning apparatus. 2,005,936; June 25.
- Crane, Luella D., Multnomah, Oreg. Vegetable oil dropper. 1,996,856; Apr. 9.
- Crane Packing Company. (See Abbott, Scott M., assignor.)
- Crane Packing Company. (See Gerrard, S., assignor, and Payne.)
- Crane Packing Company. (See Gould, H. W., and Matter, assignors.)
- Crane Packing Company, et al. (See Wilkinson, Francis C. W., assignor.)
- Crane, Paul W., Montclair, and R. T. Fields, Arlington, N. J., assignors to Dupont Viscocoid Company, Wilmington, Del. Extrusion apparatus. 2,019,119; Oct. 29.
- Crane, Raymond E., Kittanning, Pa. Sanitary fixture. 1,990,268; Feb. 5.
- Crane, Raymond E., Kittanning, Pa., and L. G. Probst, Salem, Ohio. Sink. 2,008,349; July 16.
- Craney, Maurice F., Eau Claire, Wis. Repairing torque tubes. 1,992,815; Feb. 26.
- Cranmer, George H., Philadelphia, Pa., assignor, by mesne assignments, to Electrolux Corporation, Dover, Del. Suction nozzle. 2,025,442; Dec. 24.
- Cranmer, George H., Philadelphia, Pa., assignor, by mesne assignments, to Electrolux Corporation, Dover, Del. Suction nozzle. 2,025,443; Dec. 24.
- Cranneil, Charles W., assignor of one-third to H. R. Isenberger, and one-third to J. G. Aden, Chappell, Nebr. Latch plate and release. 2,025,377; Dec. 24.
- Cranon, Israel C., Los Angeles, Calif. Carpet sweeper. 2,012,658; Aug. 27.
- Crapo, Frederick M. (See Fowle, F. F., and Crapo.)
- Crapo, Frederick M., assignor to Indiana Steel & Wire Company, Muncie, Ind. Overhead electric transmission line. 2,019,445; Oct. 29.
- Crapo, Frederick M., assignor to Indiana Steel & Wire Company, Muncie, Ind. Metal coated ferrous article and making it. 2,023,364; Dec. 3.
- Crary, Palmer H., Coconut Grove, assignor of one-third to W. F. A. Buehner, Miami, Fla., and ten per cent to R. A. Wright, Rye, N. Y. Air operated power unit. 2,004,853; June 11.
- Crater, Willard D., Succasunna, N. J., assignor to Hercules Powder Company, Wilmington, Del. Graining explosive compositions. 1,996,146; Apr. 2.
- Crater, Willard de C., Kenil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Smokeless powder. 2,024,128; Dec. 10.
- Cravath, Austin M., Berkeley, Calif., assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical transmitter. 1,987,730; Jan. 15.
- Craven, Andrew R., Philadelphia, Pa., assignor to Certain-teed Products Corporation, New York, N. Y. Laying covering on surfaces exposed to the weather. 2,006,443; July 2.
- Crawford, Alfred, assignor to Crawford Manufacturing Company, New Brunswick, N. J. Stop motion for knitting machines. 1,992,860; Feb. 26.
- Crawford, Alfred, assignor to The Crawford Manufacturing Company, New Brunswick, N. J. Jack for knitting machines. 2,024,911; Dec. 17.
- Crawford, David A., Golf, Ill., assignor to The Pullman Company. Vehicle berth arrangement. 2,014,354; Sept. 10.
- Crawford, Frederick C., Detroit, Mich., assignor to Thompson Products Inc., Cleveland, Ohio. Tubular front axle and making same. 2,007,793; July 9.
- Crawford, Frederick C., Detroit, Mich., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Making joints. 2,025,727; Dec. 31.
- Crawford, Harry J. (See Lynch, Ralph D., assignor.)
- Crawford, James M., and E. G. Sprung, assignors to General Motors Corporation, Detroit, Mich. Steering gear. 1,993,921; Mar. 12.
- Crawford, James M., and H. H. Hicks, assignors to General Motors Corporation, Detroit, Mich. Rear bearing cap. 2,014,425; Sept. 17.
- Crawford, James M., and A. W. Frehse, assignors to General Motors Corporation, Detroit, Mich. Transmission mechanism. 2,018,706; Oct. 29.
- Crawford, John J., Pueblo, Colo. Adjustable cultivating and furrowing shoe. 2,010,979; Aug. 13.
- Crawford, John W. C., Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Production of unsaturated esters. 1,993,089; Mar. 5.
- Crawford Manufacturing Company. (See Crawford, Alfred, assignor.)
- Crawford, Marion B., assignor to Boeing Airplane Company, Seattle, Wash. Bomb sway brace. 2,010,511; Aug. 6.
- Crawford, McGregor and Canby Company, The. (See Hampton, William C., assignor.)
- Crawford, Ralph D., Mamaroneck, N. Y. Bait fish receptacle. 2,007,296; July 9.
- Crawford, Thomas J. (See Wallen, A. C., and Crawford.)
- Crawford Valve & Manufacturing Company. (See Mohr, Walter W., assignor.)
- Crawford, Wilbur F., Waco, Tex. Ice carrier. 2,006,673; July 2.
- Crawford, William E., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Electric heating and welding. 2,020,276; Nov. 5.
- Crawley, Charles H., Lakewood, assignor, by mesne assignments, to The Weatherhead Company, Cleveland, Ohio. Hydraulic brake fitting. 2,017,812; Oct. 15.
- Creager, Frederick L., Merchantville, N. J., assignor to Radio Corporation of America. Variable resistance device. 2,005,456; June 18.
- Creager, Frederick L., Merchantville, and W. W. Dewhurst, Haddon Heights, N. J., assignors to Radio Corporation of America. Electrical resistance device. 2,023,517; Dec. 10.
- Creager, Frederick L., Camden, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Projection welding. 2,026,122; Dec. 31.

- Creagmile, John C., Berkeley, Calif. Wheel aligning device. 1,987,098; Jan. 8.
- Creagmile, John C., Berkeley, Calif. Wheel aligner. 1,992,521; Feb. 26.
- Creagmile, William B., et al. (See Keifaber, E. W., Doerr, Whitson, and Creagmile.)
- Creamery Package Mfg. Company, The. (See North, Charles E., assignor.)
- Creason, Frank, Excelsior Springs, Mo. Earth tamper for concrete highway side forms. 1,986,138; Jan. 1.
- Creative Displays, Inc. (See Ferrill, Harve, assignor.)
- Creative Industries, Inc. (See Severy Victor H., assignor.)
- Creators of Ideas, Inc. (See Limbach, Alex, assignor.)
- Creed and Company. (See Griffith, Ronald G., assignor.)
- Creed and Company, Limited. (See Griffith, Ronald G., assignor.)
- Creed, Calvin C., Chicago, Ill. Lawn mower sharpener. 2,023,759; Dec. 10.
- Creedon, Michael V. (See Beardsley, B., and Creedon.)
- Creek Chub Bait Company. (See Davenport, Sam F., assignor.)
- Creek Chub Bait Company. (See Van Houten, Austin, assignor.)
- Creek Chub Bait Company. (See Yarvis, Charles, assignor.)
- Creeth, George A., Glendale, and L. P. Philip and W. A. Lindsay, Los Angeles, Calif. Washing machine. 1,989,916; Feb. 5.
- Creeth, George A., Glendale, and L. P. Philip and W. A. Lindsay, Los Angeles, Calif. Washing machine. 1,989,917; Feb. 5.
- Cregar, Daniel L. (See Dawley, J. R., and Cregar.)
- Creighton, Harry M., East Norwalk and E. C. Berndt, Norwalk, assignors to The R. U. V. Engineering Corporation, South Norwalk, Conn. Active ray treating device. 1,998,076; Apr. 16.
- Creighton, Harry M., East Norwalk, assignor, by mesne assignments, to The R. U. V. Engineering Corporation, South Norwalk, Conn. Active ray treating device. 2,000,377; May 7.
- Creighton, Harry M., East Norwalk, and E. C. Berndt, Norwalk, assignors to The R. U. V. Engineering Corporation, South Norwalk, Conn. Active ray treating device. 2,024,207; Dec. 17.
- Creighton, Henry J., Swarthmore, Pa., assignor to Atlas Powder Company, Wilmington, Del. Reducing sugars to alcohols. 1,990,582; Feb. 12.
- Cremen, Frank H., Blackwood, N. J. Adjustable cap. 1,997,678; Apr. 16.
- Crescent Tool Company. (See Whalan, J. P., and Harkness, assignors.)
- Creser, Alfred A. T., Richmond, England. Embossing machine. 2,015,216; Sept. 24.
- Crespinel, William T., Los Angeles, Calif., assignor, by mesne assignments, to Hughes Industries Co. Ltd. Producing films in natural color. 2,009,689; July 30.
- Crespinel, William T., Los Angeles, Calif., assignor to Cinecolor Inc. Colored photograph and making same. 2,016,666; Oct. 8.
- Cretcher, Leonard H., and W. L. Nelson, Pittsburgh, Pa., assignors to Mellon Institute of Industrial Research. Hydroxyethylhydrocupreine and salts. 1,997,719; Apr. 16.
- Cretin, Charles, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Film checking device for synchronized sound pictures. 1,989,971; Feb. 5.
- Cretors, Charles, deceased, Chicago, Ill.; H. D. Cretors, executor. Corn popping apparatus. 1,987,388; Jan. 8.
- Cretors, Hazael D., executor. (See Cretors, Charles.)
- Creveling, John L., Tucson, Ariz. Electric regulation. 1,987,992; Jan. 15.
- Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 1,987,099; Jan. 8.
- Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,991,595; Feb. 19.
- Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,995,377; Mar. 26.
- Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,998,751; Apr. 23.
- Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,998,752; Apr. 23.
- Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,998,753; Apr. 23.
- Creveling, John L., Tucson, Ariz., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,001,568; May 14.
- Creveling, John L., Tucson, Ariz., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,010,139; Aug. 6.
- Creveling, John L., Tucson, Ariz., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,010,140; Aug. 6.
- Creveling, John L., Tucson, Ariz., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,025,225; Dec. 24.
- Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, Lubricating device. 2,025,226; Dec. 24.
- Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, Lubricating device. 2,025,227; Dec. 24.
- Crew Hi-Speed Brake. (See Crew, Thomas, assignor.)
- Crew, Joshua A., Zanesville, Ohio. Removing ferrous impurities from sands. 1,989,789; Feb. 5.
- Crew Levick Company. (See Staples, George B., assignor.)
- Crew, Thomas, Oklahoma City, Okla., assignor to Crew Hi-Speed Brake. Brake. 2,024,093; Dec. 10.
- Cribben & Sexton Company. (See Wilkinson, G. D., and Pellegrin, assignors.)
- Crickler, Harry. (See Walker, E., and Crickler.)
- Crickmer, C. S. (See Corbett, Eugene B., assignor.)
- Crickmer, Charles S., Dallas, Tex., and H. R. Standlee, Tulsa, Okla., assignors to The Guiberson Corporation, Dallas, Tex. Flexible pump plunger. 2,003,679; June 4.
- Criley, William W., Cleveland, Ohio. Blank feeding mechanism. 1,998,272; Apr. 16.
- Criley, William W., Cleveland, Ohio. Header slide. 2,005,222; June 18.
- Criner, Harry J., Davenport, assignor, by mesne assignments, to The Micro Corporation, Bettendorf, Iowa. Bread slicing machine. 1,996,462; Apr. 2.
- Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 1,997,898; Apr. 16.
- Criner, Harry J., Davenport, assignor, by mesne assignments, to The Micro Corporation, Bettendorf, Iowa. Slicing machine. 2,011,473; Aug. 13.
- Criner, Harry J., Davenport, assignor, by mesne assignments, to The Micro Corporation, Bettendorf, Iowa. Slicing machine. 2,011,474; Aug. 13.
- Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,018,121; Oct. 22.
- Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Slicing machine. 2,022,187; Nov. 26.
- Criqui, Albert A., and R. T. Thornton, assignors to Buffalo Forge Company, Buffalo, N. Y. Air conditioning apparatus. 1,989,228; Jan. 29.
- Criqui, Charles A. (See Larkin, Elwood T., assignor.)
- Crisenberry, Benjohn, deceased, Detroit, Mich., R. Crisenberry, administratrix. Gas burner. 2,024,510; Dec. 17.
- Crisenberry, Ruth, administratrix. (See Crisenberry, Benjohn.)
- Crisp, Walter S., Fulton, assignor to W. J. Weir, Syracuse, N. Y. Removing ink from and bleaching printed paper. 1,993,362; Mar. 5.
- Crist, James H., Ballston, Va. Door operating device. 1,996,064; Apr. 2.
- Criswell, Walter H., Seattle, Wash. Repairing tire casings. 2,004,037; June 4.
- Critchfield, Robert M., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Sound signal. 1,994,574; Mar. 19.
- Critchfield, Robert M., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Signal device. 1,994,575; Mar. 19.
- Critchfield, Robert M., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Sound signal. 2,012,754; Aug. 27.
- Critchfield, Robert M., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Sound signal. 2,018,491; Oct. 22.
- Critchfield, Robert M., and J. White, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Electromagnet horn. 2,020,768; Nov. 12.
- Critchley, James V., Worcester, assignor to Fitz On Sales Corporation, Boston, Mass. Sizing wood heel bases. 1,997,811; Apr. 16.
- Critchley, James V., Worcester, assignor to Fitz-On Sales Corporation, Boston, Mass. Molded leather article process. 2,021,835; Nov. 19.
- Crites, Willis L. (See Michels, Charles A., assignor.)
- Crittenden, Eugene D., Syracuse, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Catalyst and the production and regeneration thereof. 2,017,683; Oct. 15.
- Crittenden, Philip L., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid compressor. 2,017,684; Oct. 15.
- Croad, Robin B., assignor to Howroyd, McArthur, and Company Limited, Liverpool, England. Varnish. 2,015,137; Sept. 24.
- Croakman, Elmer G., Akron, Ohio, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Colored rubber product and making same. 1,988,483; Jan. 22.
- Croakman, Elmer G., Akron, Ohio, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Colored rubber product and making same. 1,988,484; Jan. 22.
- Croasdale, Evan T., Bridgeport, and R. Morgan, Fairfield, Conn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Auto top material and the like. 1,987,605; Jan. 15.
- Croasdale, John P., Jr., Berwyn, assignor of one-half to A. S. Shaw, Chestnut Hill, Pa. Stirring and opening means for containers. 2,025,378; Dec. 24.
- Croasdale, John P., Jr., Philadelphia, assignor of one-half to A. S. Shaw, Chestnut Hill, Pa. Combined container and stirrer. 2,025,379; Dec. 24.

- Croce, Michele, Kenmore, assignor to Certain-teed Products Corporation, New York, N. Y. Cementitious material and producing the same. 1,995,963; Mar. 26.
- Crocella, Thomas, New York, N. Y. Shoe holder. 2,011,437; Aug. 13.
- Crocella, Thomas, New York, N. Y. Pinking machine. 2,020,136; Nov. 5.
- Crocker, Clarence T., Schenectady, N. Y., assignor to General Electric Company. Arc lamp. 1,995,144; Mar. 19.
- Crocker, Eben C., Gulfport, Miss. Stump puller. 2,025,340; Dec. 24.
- Crocker, Ernest C., Belmont, Mass., assignor, by mesne assignments, to The Lane Company, Inc. Cedar receptacle. 1,999,960; Apr. 30.
- Crocker, Ernest C., Belmont, Mass., assignor, by mesne assignments to The Lane Company, Inc. Cedar chest. 2,023,465; Dec. 10.
- Crocker First Federal Trust Company, executor. (See Hunt, Andrew M.)
- Crocker, John C., Ware Shoals, S. C. Filler feeler for looms. 1,989,587; Jan. 29.
- Crockett, Harry L. (See Burton, F. F., and Crockett.)
- Crockett, James B., Malden, assignor to Heveatex Corporation, Melrose, Mass. Manufacture of rubber goods from latex. 1,993,596; Mar. 5.
- Crockett, James B., Cambridge, Mass. Manufacture from rubber latex of rubber articles carrying imprints. 2,001,125; May 14.
- Crockett, Robert E., Pompton Lakes, N. J., assignor to Dings Magnetic Separator Co., Milwaukee, Wis. Apparatus for removing magnetic from nonmagnetic material. 2,003,430; June 4.
- Crockett, William B., Notre Dame de Grace, Quebec, Canada. Recessing cutter. 2,000,824; May 7.
- Crockett, William B., Notre Dame de Grace, Quebec, Canada. Pipe flanging machine. 2,004,313; June 11.
- Crockford, Joseph R., Jackson Heights, assignor to G. M. Co. Mfg. Company, Inc., Long Island City, N. Y. Ironing machine. 2,022,368; Nov. 26.
- Croco, Carlton W., Woodstown, N. J., assignor to Kinetic Chemicals Inc., Wilmington, Del. Hydrogenated derivatives of aliphatic hydrocarbons. 1,994,035; Mar. 12.
- Croissant, George F., Wyomissing, Pa. Anchoring socket for bolts. 2,018,251; Oct. 22.
- Crofoot, Elisha H., and C. E. Hallen, assignors to J. B. Crofoot, Mount Prospect, Ill. Tacker. 1,990,725; Feb. 12.
- Crofoot, John B. (See Crofoot, E. H., and Hallen, assignors.)
- Croft, Arthur, Rawdon, near Leeds, England. Jointing or coupling device for flexible driving belts. 1,991,545; Feb. 19.
- Croft, George A., Kansas City, Mo. Towing hitch. 2,008,747; July 23.
- Croll, John L., and L. F. Lutz, Kansas City, Kans. Antirattler for doors. 1,990,775; Feb. 12.
- Cromartie, George G., Maplewood, assignor to Best Manufacturing Company, Irvington, N. J. Electrical contact apparatus. 2,007,848; July 9.
- Cromis, Lloyd, assignor to The Perfect Circle Company, Hagerstown, Ind. Engine. 1,996,147; Apr. 2.
- Crompton & Knowles Loom Works. (See Dacey, Edward J., assignor.)
- Crompton & Knowles Loom Works. (See Gordon, Albert A., assignor.)
- Crompton & Knowles Loom Works. (See Gordon, A. A., and Wattie, assignors.)
- Crompton & Knowles Loom Works. (See Holmes, Elbridge R., assignor.)
- Crompton & Knowles Loom Works. (See Lindgren, Carl J., assignor.)
- Crompton & Knowles Loom Works. (See McClary, William E., assignor.)
- Crompton & Knowles Loom Works. (See Payne, Oscar V., assignor.)
- Crompton & Knowles Loom Works. (See Robertson, William W., assignor.)
- Crompton & Knowles Loom Works. (See Santon, Elliot A., assignor.)
- Crompton & Knowles Loom Works. (See Turner, Richard G., assignor.)
- Crompton & Knowles Loom Works. (See Vose, Lewis S., assignor.)
- Crompton & Knowles Loom Works. (See Wattie, William M., assignor.)
- Crompton & Knowles Loom Works. (See Wing, Harold R., assignor.)
- Cronan, John J., Denver, Colo. Razor blade sharpener. 2,010,141; Aug. 6.
- Crone, Emma J., Marathon, Iowa. Bookbinding and binding books. 1,991,662; Feb. 19.
- Crone, Seth A., East Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Safety support for brake rods. 2,003,802; June 4.
- Crone, Seth A., East Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Safety support for brake rods. 2,003,803; June 4.
- Cronin, James A., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Tank cleaning device. 2,005,180; Jan. 18.
- Crook, Frederick M., and E. Caster, Kansas City, Mo. Hair drier. 1,998,924; Apr. 23.
- Crooks, Earl G., assignor to Chemung Engineering Corporation, Elmira, N. Y. Spooling machine. 1,996,366; Apr. 2.
- Crooks, Kenneth E., Williamsport, Pa. Self-leveling flooring. 2,008,244; July 16.
- Crooks, Ralph K., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Control system. 2,019,074; Oct. 29.
- Crosby, Edwin L., and A. E. Rhoads, assignors to Detroit Electric Furnace Company, Detroit, Mich. Preparation of iron having improved characteristics. 2,014,559; Sept. 17.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase and amplitude modulation receiver. 2,019,446; Oct. 29.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Variable condenser. 2,012,710; Aug. 27.
- Crosby, Ralph H. (See Carney, B. R., and Crosby.)
- Crosby, Richard M., Seattle, Wash. Cinder disposal apparatus. 1,990,726; Feb. 12.
- Crosby Steam Gate & Valve Co. (See Gentzel, Perry H., assignor.)
- Crosby, William E. (See Seligman, R., Crosby, and Goodman.)
- Crosiar, Glenn F., assignor of one-half to W. L. Sanborn, Chicago, Ill. Coil for boilers. 2,016,276; Oct. 8.
- Crosley, Earnest B., San Diego, Calif. Paper vendor. 1,996,749; Apr. 9.
- Crosley, Powell, Jr., and H. Gest, assignors to The Crosley Radio Corporation, Cincinnati, Ohio. Acoustic device. 2,002,390; May 21.
- Crosley Radio Corporation, The. (See Canton, Allen A., assignor.)
- Crosley Radio Corporation, The. (See Crosley, P., Jr., and Gest, assignors.)
- Crosley Radio Corporation, The. (See Kilgour, Charles E., assignor.)
- Crosley Radio Corporation, The. (See Mittendorf, W. R., and Money, assignors.)
- Crosley Radio Corporation, The. (See Rockwell, Ronald J., assignor.)
- Crosley Radio Corporation, The. (See Willging, Louis F., assignor.)
- Crosley, Raymond W. (See Near, H. B., Pacini, Crosley, Gerth, Breidigam, and Kelly.)
- Crosman, Loring P., Maplewood, assignor to Gardner Company, Orange, N. J. Listing adding machine. 1,994,211; Mar. 12.
- Crosman, Loring P., Maplewood, assignor to Gardner Company, Orange, N. J. Listing calculator. 1,997,679; Apr. 16.
- Cross, Benjamin T., et al. (See Gibbs, Charles H., assignor.)
- Cross Development Corporation. (See Harcourt, Guy N., assignor.)
- Cross, Frank L., Port Washington, N. Y., assignor to Cross Paper Feeder Company, Boston, Mass. Side registering mechanism. 1,986,253; Jan. 1.
- Cross, Frank L., Port Washington, N. Y., assignor to Cross Paper Feeder Company, Boston, Mass. Paper feeding machine. 1,986,558; Jan. 1.
- Cross, Frank L., Port Washington, N. Y., assignor to Cross Paper Feeder Company, Boston, Mass. Sheet separating combing wheel. 1,996,277; Apr. 2.
- Cross, Frank L., Port Washington, N. Y., assignor to Cross Paper Feeder Company, Boston, Mass. Paper feeding machine. 2,002,850; May 28.
- Cross, Garrett P. S., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in the manufacture of shoes. 1,993,597; Mar. 5.
- Cross, Grosvenor M., Newton Center, Mass. Shock-absorbing apparatus. 1,986,186; Jan. 1.
- Cross, Grosvenor M., Brookline, Mass. Brake controlling mechanism and the like. 1,986,503; Jan. 1.
- Cross, Grosvenor M., Brookline, Mass. Tap starter. 2,008,436; July 16.
- Cross, Harry N., Vancouver, British Columbia, Canada. Drinking fountain attachment for water faucets. 1,994,454; Mar. 19.
- Cross, Jack M., assignor to Continental Can Company, Inc., New York, N. Y. Tamperproof container for distilled liquors. 1,996,674; Apr. 2.
- Cross, Jack M., assignor to Continental Can Company, Inc., New York, N. Y. Container for bottles and like vessels. 2,016,988; Oct. 8.
- Cross, Jack M., assignor to Continental Can Company, Inc., New York, N. Y. Spout for containers. 2,018,882; Oct. 29.
- Cross Paper Feeder Company. (See Cross, Frank L., assignor.)
- Cross Paper Feeder Company. (See Hallstream, Henning, assignor.)
- Cross Parking Systems, Inc. (See Buettell, Samuel E., assignor.)
- Cross, Richard W., Chicago, Ill. Process and mixture for hardening steel. 2,009,165; July 23.
- Cross, Robert C. (See Smith, S. K., Cowles, and Cross.)
- Cross, Robert J., Mason, Mich., assignor to S. M. A. Corporation, Cleveland, Ohio. Electroosmotic process and apparatus. 1,986,920; Jan. 8.
- Cross, Roland C., Odd Down, Bath, Somerset, England. Valve for internal combustion engines. 1,997,133; Apr. 9.

- Cross, Walter C., assignor to Stoneway Craft Limited, Ottawa, Ontario, Canada. Garden ornament. 1,986,046; Jan. 1.
- Cross, Walter M., Kansas City, Mo., assignor to Gasoline Products Company, Inc., Newark, N. J. Converting petroleum oils. 1,998,571; Apr. 23.
- Crossen, Robert W., Jr., Plainfield, assignor to Farrell Manufacturing Company, Joliet, Ill. Valve control. 2,001,453; May 14.
- Crossen, Robert W., Jr., Plainfield, assignor to Farrell Manufacturing Company, Joliet, Ill. Safety means for tanks. 2,002,935; May 28.
- Crossley, Alfred, assignor to Johnson Laboratories, Inc., Chicago, Ill. Radio power supply system. 2,004,368; June 11.
- Crossley, Alfred, and H. E. Meinema, assignors to Johnson Laboratories, Inc., Chicago, Ill. High-frequency interstage coupling device. 1,997,453; Apr. 9.
- Crossley, Alfred, and H. E. Meinema, Chicago, Ill., assignor to Johnson Laboratories, Inc., Chicago, Ill. High-frequency coupling device. 2,002,500; May 28.
- Crossman, Fred, and W. C. Sutton, Shaker Heights, assignors to The Lindsay Wire Weaving Company, Cleveland, Ohio. Machine for surfacing reeds. 2,020,049; Nov. 5.
- Crosthwait, David N., Jr., assignor to C. A. Dunham Company, Marshalltown, Iowa. Vacuum heating system. 1,986,391; Jan. 1.
- Crosthwait, David N., Jr., assignor to C. A. Dunham Company, Marshalltown, Iowa. Remote control proportional movement motor. 2,007,240; July 9.
- Crothers, Russell P., Cincinnati, Ohio. Treating sulphur bearing ore. 2,011,039; Aug. 13.
- Crouch, Nell W. (See Early, Edwin L., assignor.)
- Crouch, Richard H., Pulaski, Va. Dovetail attachment for dovetail machines. 2,005,647; June 18.
- Crouse-Hinds Company. (See Bissell, Carl H., assignor.)
- Crouse-Hinds Company. (See Brandenburger, Herbert J., assignor.)
- Crouse-Hinds Company. (See Hardage, Clarence A., assignor.)
- Crouse-Hinds Company. (See Hastings, Harold P., assignor.)
- Crouse-Hinds Company. (See Neill, Charles W., assignor.)
- Crouse-Hinds Company. (See White, Edgar G., assignor.)
- Crouse, Ira. (See Wood, W. H., Trautman, and Benninghoff, assignors.)
- Crow, Glenn T., Roseville, Calif. Merchandise display rack. 2,008,748; July 23.
- Crow, Patrick H. (See Hoover, Walter S., assignor.)
- Crowe, Douglas C., London, England, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Telephone system. 2,025,444; Dec. 24.
- Crowe, Francis M., Burlingame, Calif. Fabricated building construction. 1,998,448; Apr. 23.
- Crowe, James H. (See Kulas, H. F., Crowe, and Thoms.)
- Crowe, John J., Westfield, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Welding rod. 2,026,418; Dec. 31.
- Crowe, John M., Covington, Ky., assignor to Fruit Juice Machine Company, Cincinnati, Ohio. Fruit juice extractor. 1,993,337; Mar. 5.
- Crowe, John M., Covington, Ky., assignor to Fruit Juice Machine Company, Cincinnati, Ohio. Egg beater and cream whipper. 1,993,338; Mar. 5.
- Crowe, John M., Covington, Ky., assignor to Fruit Juice Machine Company, Cincinnati, Ohio. Fruit juice extractor. 1,995,670; Mar. 26.
- Crowe, McFerran, Lexington, Ky. Dental matrix retainer. 1,992,993; Mar. 5.
- Crowe Name Plate & Manufacturing Co. (See Anderson, John C., assignor.)
- Crowe, Thomas B. (See Mills, L. D., Crowe, and Lennox.)
- Crowell, Alvin B., Houston, Tex., assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Cementing guide. 1,998,833; Apr. 23.
- Crowell, John H., Huston, Tex. Portable earth boring machine. 2,016,667; Oct. 8.
- Crowell, Lucius A., Chicago, Ill., assignor to The Parker Pen Company, Janesville, Wis. Fountain pen and other marking means. 1,989,351; Jan. 29.
- Crowell, William D., St. Louis, Mo., assignor to Automobile Ventilation, Inc., Detroit, Mich. Ventilating apparatus for vehicle bodies. 2,002,730; May 28.
- Crowell, William D., St. Louis, Mo., assignor to Automobile Ventilation, Inc., Detroit, Mich. Ventilating apparatus for vehicle bodies. 2,025,272; Dec. 24.
- Crowley, Cornelius J., assignor to The Seamless Rubber Company, Inc., New Haven, Conn. Valve for inflatable balls and the like. 2,011,562; Aug. 20.
- Crowley, Frank J. (See Wilkison, Jim P., assignor.)
- Crowley, Henry L., assignor to Henry L. Crowley & Co., Inc., West Orange, N. J. Ceramic product. 2,011,173; Aug. 13.
- Crowley, Henry L., & Co. (See Crowley, Henry L., assignor.)
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Air chuck. 2,003,039; May 28.
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem. 2,015,592; Sept. 24.
- Crowley, Joseph P., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Edge grinding machine. 1,987,054; Jan. 8.
- Crowley, Joseph P., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Supplying a polishing medium to polishing machines. 2,006,196; June 25.
- Crowley, Joseph P. (See Gipe, J. C., and Crowley.)
- Crowley, Joseph P., Toledo, and N. Mambour, Lancaster, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass cutting apparatus. 2,019,175; Oct. 29.
- Crowley, Millard E., assignor of one-half to B. F. Hopkins, San Francisco, Calif. Pump. 2,023,466; Dec. 10.
- Crowl, Dwight H., Baldwin, N. Y. Dispensing closure for containers. 2,020,108; Nov. 5.
- Crown Cork & Seal Company. (See Bell, Frank S., assignor.)
- Crown Cork & Seal Company. (See Darling, F. L., and Huntley, assignors.)
- Crown Cork & Seal Company. (See Gladfelter, Wiltie I., assignor.)
- Crown Cork & Seal Company. (See Goebel, George, assignor.)
- Crown Cork & Seal Company. (See Kramer, Eric B., assignor.)
- Crown Cork & Seal Company. (See Kramer, E. B., and Enkur, assignors.)
- Crown Cork & Seal Company. (See McManus, Charles E., assignor.)
- Crown Cork & Seal Company. (See Warth, Albin H., assignor.)
- Crown, George S., Bakersfield, Calif. Service station. 2,021,544; Nov. 19.
- Crown Stove Works. (See Rogers, John C., assignor.)
- Crown Willamette Paper Company. (See Barber, W. R., Natwick, and Phelps, assignors.)
- Crown Willamette Paper Company. (See Duvall, James, assignor.)
- Crown Willamette Paper Company. (See Natwick, A. G., Ostenson, and Barber, assignors.)
- Crowson, Herbert W., New York, N. Y., assignor to Pullclean Manufacturing Corporation, Bridgeport, Conn. Towel cabinet. 1,990,636; Feb. 12.
- Crowther, Herl L., Los Angeles, Calif. Dentifrice and making same. 2,024,146; Dec. 17.
- Crozier, Franklyn, Woodhaven, assignor to The Western Union Telegraph Company, New York, N. Y. Twisted strap conveyor. 1,997,360; Apr. 9.
- Crozier, Frederick, Hardisty, Alberta, Canada. Golf club protector. 2,008,322; July 16.
- Crucible Steel Company of America. (See Kingsbury, Arthur H., assignor.)
- Crucible Steel Company of America. (See Payson, Peter, assignor.)
- Crudo, Fernando, Buenos Aires, Argentina. Sound record for optic sound reproduction. 2,018,200; Oct. 22.
- Cruckshank, Frank G. A., Philadelphia, Pa. Refrigerator tray. 2,018,252; Oct. 22.
- Cruckshank, George A., Providence, R. I. Combination pessary and vaginal suppository. 2,020,107; Nov. 5.
- Cruikshank, Phillip H., assignor to Tylac Company, Monticello, Ill. Table top. 1,988,239; Jan. 15.
- Cruikshank, Phillip H., assignor to Tylac Company, Monticello, Ill. Breaker strip. 2,008,063; July 16.
- Crumb, Charles F., and S. E. Hilblom, Chicago, Ill., assignors to International Harvester Company. Lifter for harvesters. 2,025,497; Dec. 24.
- Crumb, Charles F. (See Roscoe, M. W., and Crumb.)
- Crumrine, Chester W. (See Thompson, R. G., and Crumrine.)
- Crumrine, Chester W., assignor to Electromatic Typewriters, Inc., Rochester, N. Y. Typewriting machine. 1,987,283; Jan. 8.
- Crundall, Sydney F. W., assignor to Peter Spence & Sons, Limited, Manchester, England. Preparation of calcium sulphate. 2,021,910; Nov. 26.
- Crupi, Frank J., assignor to Behr-Manning Corporation, Brooklyn, N. Y. Waterproof abrasive fabric and making the same. 1,987,467; Jan. 8.
- Cruser, Victor L., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric connector device. 2,025,380; Dec. 24.
- Crutcher, Prentice R., Dickson, Tenn. Fertilizer dropping mechanism for seed drills. 1,993,649; Mar. 5.
- Crutchfield, Kenneth H., Cumberland, Md., assignor to Celanese Corporation of America. Plastic composition and working the same. 2,000,927; May 14.
- Crysler, Friendly J., et al. (See Taylor, Joseph P., assignor.)
- Crysler, Miles A., et al. (See Taylor, Joseph P., assignor.)
- Crystal Paper Service Corporation. (See Huntley, Ernest R., assignor.)
- Crystal Waxing Company, The. (See Baxter, Burke M., assignor.)
- Crystallite Corporation of America. (See Wasum, Ludwig W., assignor.)
- Csáki, Ladislaus. (See Bienenstock, M., Csáki, Pless, and A. and E. Sági.)
- Csar, Edward, et al. (See Maas, Frederick J., assignor.)
- Csepely, John A., Amherst, Mass., assignor to Victoria Csepely, Woodcliff, N. J. Wave transmission system. 2,014,081; Sept. 10.
- Csepely, Victoria. (See Csepely, John A., assignor.)
- Cubbon, Gladys R., Brandon, Manitoba, Canada. Sanitary cup. 1,986,504; Jan. 1.

- Cubitt, Roger H., and A. L. Williams, King's Cross, London, England, assignors, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Manufacture of photo-electric cells. 1,995,200; Mar. 19.
- Cudney, Harry J., Buffalo, assignor to Flexlume Corporation, Tonawanda, N. Y. Illuminated sign. 1,989,401; Jan. 29.
- Cudney, John F., Buffalo, N. Y. Self-supported lipped-edge seat. 2,015,844; Oct. 1.
- Cuff, James E., Hinsdale, Ill. Loading station for toy trains. 2,017,616; Oct. 15.
- Culbertson, Harvey W., et al. (See McConnell, James M., Jr., assignor.)
- Culemeyer, Johann, Berlin-Charlottenburg, assignor to Gathaer Waggonfabrik Aktiengesellschaft, Gotha, Germany. Tipping apparatus for railway trucks and the like. 2,014,369; Sept. 17.
- Culich, Frank, Jr., Butte, Mont. Automatic transmission. 1,997,812; Apr. 16.
- Cullen, Ernest, San Diego, assignor to John B. Smiley, Los Angeles, Calif. Combination wrench and pliers. 2,000,012; May 7.
- Cullen-Friedstedt Company. (See Shaughnessy, Erard J., assignor.)
- Cullen, Harry E., and H. O. Ronning, assignors to H. P. Watson, deceased, Minneapolis, Minn., A. F. Pillsbury and B. Watson, executors. Fluid circulating device. 1,989,588; Jan. 29.
- Cullen, Harry E., and H. O. Ronning, Minneapolis, Minn., assignors to H. P. Watson, Minneapolis, Minn., deceased, Alfred F. Pillsbury and Bessie Watson, executors. Valve. 2,000,883; May 7.
- Cullen, Harry E., and H. O. Ronning, assignors to H. P. Watson, Minneapolis, Minn., deceased, by A. F. Pillsbury and B. Watson, executors. Water cooler. 2,008,202; July 16.
- Cullen, John B., Brooklyn, N. Y. Smoker's sanitary appliance. 1,996,990; Apr. 9.
- Cullen, John P., assignor to Industrial Brownhoist Corporation, Bay City, Mich. Briquetting machine. 1,997,813; Apr. 16.
- Cullen, John. (See Havey, Peter H., assignor.)
- Cullen, John R., West Hartford, Conn. Electric dry cell. 1,995,294; Mar. 26.
- Culligan, Emmett J., administrator. (See Ralston, O. C., and Baum.)
- Cullinan, Thomas F., Johnson City, Tenn. Gas tank locking mechanism. 1,997,107; Apr. 9.
- Culotta, Salvatore J., Chicago, Ill. Printing. 1,997,454; Apr. 9.
- Culotti, Louis, Nedrow, N. Y. Folding table. 2,016,363; Oct. 8.
- Culp, Jay S., assignor to Monarch Governor Company, Detroit, Mich. Carburetor. 2,002,732; May 28.
- Culp, John F., assignor to Ideal Lubricator Company, Philadelphia, Pa. Lubricating system. 1,995,882; Mar. 26.
- Culver, Bert W., and C. J. Carlisle, Coldwater, Mich. Hip splint. 2,020,399; Nov. 12.
- Culver, Edward, Crouch End, London, assignor to United Kingdom Optical Company, Limited, Mill Hill, London, England. Polishing machine. 2,016,134; Oct. 1.
- Culver, John V., San Diego, Calif. Foldable leg table. 1,990,817; Feb. 12.
- Culver, Louis A., and J. T. Barrow, Houston, Tex. Adding machine. 1,999,626; Apr. 30.
- Cumfer, Donald A., Chicago, Ill., assignor to Asphalt Process Corporation, New York, N. Y. Knife mechanism for shingle strip apparatus. 1,986,139; Jan. 1.
- Cuming, George W., assignor to M. A. Cuming & Co., Inc., New York, N. Y. Machine for stretching hat blanks. 2,008,638; July 16.
- Cuming, M. A. & Co. (See Cuming, George W., assignor.)
- Cummings, Edward M., Flint, Mich. Carrying and supporting apparatus. 2,018,606; Oct. 22.
- Cummings, Edward M., Flint, Mich. Fishing reel. 1,996,697; Apr. 2.
- Cummings, Roy W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon sheet material. 2,015,066; Sept. 24.
- Cummings, Tom. (See Shinn, J. V., and Cummings.)
- Cummings, Tom, Brooklyn, assignor to General Chemical Company, New York, N. Y. Making a catalyst. 2,016,135; Oct. 1.
- Cummings, W. L. (See Knox, Granville S., assignor.)
- Cummings, William P., Woodside, N. Y. Reinforced concrete construction slab. 2,003,251; May 28.
- Cummins, Clessie L., assignor to Oil Engine Development Company, Columbus Ind. Pump mechanism. 1,988,164; Jan. 15.
- Cummins, Clessie L., assignor to Oil Engine Development Company, Columbus, Ind. Throttle control mechanism. 1,997,575; Apr. 16.
- Cummins, Clessie L., assignor to Oil Engine Development Company, Columbus, Ind. Fuel pump and distributing apparatus for internal combustion engines. 2,001,126; May 14.
- Cummins, David E., U. S. Army. Audible speed indicating apparatus. 1,989,685; Feb. 5.
- Cummins, Norman W., Louisville, Ky. Producing terminals. 1,993,295; Mar. 5.
- Cummins, Norman W., Louisville, Ky. Sweeper. 1,993,296; Mar. 5.
- Cummins, Norman W., Louisville, Ky., assignor to The National Machinery Company, Tiffin, Ohio. Making blanks. 2,017,341; Oct. 15.
- Cummins Perforator Company. (See Swanson, Hjalmar A., assignor.)
- Cundall, Robert N., Hamburg, and W. B. Powell, Buffalo, N. Y., assignors, by mesne assignments, to Bagpak, Inc. Bag and making same. 2,000,928; May 14.
- Cundall, Robert N., Hamburg, N. Y., assignor, by mesne assignments to Bagpak, Inc. Bag and making same. 2,020,300; Nov. 12.
- Cundall, Robert N., Hamburg, N. Y., assignor by mesne assignments to Bagpak, Inc. Bag and forming same. 2,020,301; Nov. 12.
- Cuneo, John B., San Francisco, Calif. Fence post. 1,996,278; Apr. 2.
- Cunning, George S. (See Salvi, J., and Cunning.)
- Cunningham, Alexander, et al. (See Hutchison, William, assignor.)
- Cunningham, Archibald, and F. Luley, St. Louis, Mo. Auto safety rim. 2,019,120; Oct. 29.
- Cunningham, Brant A., Akron, Ohio. Odor-sealing valve for combination sewer drains. 2,001,901; May 21.
- Cunningham, E. T., Inc. (See Jenkins, Charles F., assignor.)
- Cunningham, George L. (See MacMullin, R. B., and Cunningham.)
- Cunningham, George L., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of chlorine dioxide. 2,008,388; July 16.
- Cunningham, George L., Niagara Falls, N. Y., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of sodium carbonate decahydrate. 2,024,679; Dec. 17.
- Cunningham, Hal M., Belvidere, Ill. Fuel feeding apparatus. 1,997,377; Apr. 9.
- Cunningham, Henry, Cleveland, Ohio. Process and apparatus for the production of television images. 2,012,270; Aug. 27.
- Cunningham, James L., Kansas City, Mo. Self-feeding inkwell. 1,992,473; Feb. 26.
- Cunningham, James M., Endicott, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 1,987,326; Jan. 8.
- Cunningham, Katherine E., assignor to I. Newman & Sons, Inc., New Haven, Conn. Foundation garment. 2,004,854; June 11.
- Cunningham, Katherine E., assignor to I. Newman & Sons, Inc., New Haven, Conn. Foundation garment. 2,005,612; June 18.
- Cunningham, Lewis L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Proportioning control system. 1,989,972; Feb. 5.
- Cunningham, Lewis L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heat regulating device. 2,008,749; July 23.
- Cunningham, Lewis L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heat regulating apparatus. 2,013,266; Sept. 3.
- Cunningham, Noel, Bethlehem, Pa. Preparing coal for market. 1,995,603; Mar. 26.
- Cunningham, Noel, Bethlehem, Pa., and C. L. Peck, Mount Vernon, N. Y., assignors to The Champion Fibre Company, Canton, Ohio. Treating coal and product. 1,988,999; Jan. 22.
- Cunningham, Roy H., Fairfield, Conn., assignor to The Bryant Electric Company, Bridgeport, Conn. Decorating molded resin ware and product thereof. 2,022,587; Nov. 26.
- Cunnington, George R., assignor to The General Tire & Rubber Company, Akron, Ohio. Tractor lug. 1,999,536; Apr. 30.
- Cuno, Charles H., and P. E. Ashton, assignors to The Cuno Engineering Corporation, Meriden, Conn. Fluid filtering apparatus. 1,987,597; Jan. 15.
- Cuno Engineering Corporation, The. (See Cuno, C. H., and Ashton, assignors.)
- Cupp, Harry N., Mars, Pa. Automobile tire. 1,989,402; Jan. 29.
- Cupples Company, Manufacturers. (See Qualey, Walter, assignor.)
- Cupples Company, Manufacturers. (See Thener, Arthur F., assignor.)
- Cuppy, Hazlitt A., San Francisco, Calif. Classifier. 2,001,184; May 14.
- Curab, H., Inc. (See Baruch, Sydney N., assignor.)
- Curello, John J. (See Oppé, C., and Curello.)
- Cureton, Paul, Vallejo, Calif. Washing machine. 1,991,793; Feb. 19.
- Curioni, Aldo, Katonah, assignor of one-half to J. W. Mengel, New York, N. Y. Heating plant. 2,025,341; Dec. 24.
- Curly, Charles C., Helena, Ark. Locking cap. 2,002,260; May 21.
- Curle, Charles W., San Francisco, Calif. Line casting machine. 2,011,212; Aug. 13.
- Curley, Robert S., Biddeford, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Air filter. 2,021,853; Nov. 19.
- Curnen, Bernard V. (See Gray, John W., assignor.)
- Curran, Frank L., assignor of one-half to J. J. Curran, St. Paul, Minn. Automobile jack. 1,994,015; Mar. 12.
- Curran, Frank M. (See Meyercord, G. R., and Curran.)
- Curran, John J. (See Curran, Frank L., assignor.)

- Curran, Lean B., Providence, R. I. Cravat holder. 2,012,222; Aug. 20.
- Curran, Stanley T., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Connecting device. 2,026,303; Dec. 31.
- Currens, James E. C. (See Englebright, A. E., Foret, and Currens.)
- Current, Orville E., and A. J. Earl, Des Moines, Iowa. Chemical sprinkler unit. 2,016,668; Oct. 8.
- Currey, William T., Galveston, Tex. Surf board. 2,018,054; Oct. 22.
- Currie, Frank L., Plainfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Secret telegraph receiver. 2,011,145; Aug. 13.
- Currie, Hugh A. (See Pfitzer, Adolf, assignor.)
- Currie Mfg. Co. (See Pfitzer, Adolf, assignor.)
- Currie, Nelson P., West Newton, Mass., assignor to Mosaic Tile Company, Zanesville, Ohio. Wall or base tile. 2,018,201; Oct. 22.
- Currie, Robert M., Carbonado, Wash. Condiment holder. 2,021,049; Nov. 12.
- Currier, Alexander M. (See Kent, H. W., Gerry, and Currier.)
- Currier, Arthur, Penacook, assignor to Acme Knitting Machine & Needle Company, Franklin, N. H. Knitting machine needle. 1,991,140; Feb. 12.
- Currier, Frederick W., and E. F. Toney, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company. Store front construction. 1,994,464; Mar. 19.
- Currier, Howard S. (See Wolfram, J. F., and Currier.)
- Currier, Neil B. (See Herbsman, A. M., Currier, and Campbell.)
- Currier, Neil B., Long Beach, assignor to Abraham M. Herbsman, Huntington Park, Calif. Internal wrench. 1,992,474; Feb. 26.
- Currier, Philip M. (See Willis, C. H., and Currier.)
- Curry, Oliver B. (See Rennick, C. A., and Curry.)
- Curry, William E., Louisville, Ky. Adjustable spoke for the drive-wheel of automobiles. 2,013,711; Sept. 10.
- Curry, William E., Louisville, Ky. Safety driving arm for automobiles. 2,022,802; Dec. 3.
- Curry, William G., Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Inflatable playing ball. 1,993,090; Mar. 5.
- Curtin, Frank G., Medford, Mass. Flushing valve. 1,987,229; Jan. 8.
- Curtis Aeroplane & Motor Company. (See Hathorn, Charles E., assignor.)
- Curtis, Chalmers C. (See Merrill, A. B., and Curtis.)
- Curtis, Charles C. (See Cornell, M., and Curtis.)
- Curtis, Charles H., Sumter, S. C. Coin slide for coin controlled machines. 2,026,081; Dec. 31.
- Curtis, David, New York, N. Y. Hypodermic syringe cartridge. 2,022,369; Nov. 26.
- Curtis, David W., and R. T. Corey, Richmond, Calif. Plug flange for barrel heads. 2,008,245; July 16.
- Curtis, Earl L., assignor to The American Crayon Company, Sandusky, Ohio. Crayon box or package. 2,019,953; Nov. 5.
- Curtis, Edna H., Jr., Cincinnati, Ohio, assignor, by mesne assignments, to Hartford-Empire Company, Hartford, Conn. Adjustable mounting for shears of a glass feeder. 1,994,123; Mar. 12.
- Curtis, Edna H., Jr., Cincinnati, Ohio, assignor, by mesne assignments, to Hartford-Empire Company, Hartford, Conn. Charge guide for glass feeders. 1,999,444; Apr. 30.
- Curtis, Edward W., Jr., Harrison, assignor to Underwood Elliott Fisher Company, New York, N. Y. Container. 2,004,501; June 11.
- Curtis, Elam C., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Apparatus for the manufacture of ammonium chloride. 2,024,680; Dec. 17.
- Curtis, Elbie D., Bingham, Maine. Plastic sealing cement. 1,997,924; Apr. 16.
- Curtis, Eugene J., trustee, et al. (See Madsen, Sern, assignor.)
- Curtis, Eugene W., Chicago, Ill. Repair plug. 2,021,176; Nov. 19.
- Curtis, Franklin E., East Cleveland, assignor to Addressograph Company, Cleveland, Ohio. Combined drawer pull and label holder. 2,018,662; Oct. 29.
- Curtis, George L., trustee, et al. (See Madsen, Sern, assignor.)
- Curtis, George L., Trustee et al. (See Madsen, Sern, assignor.)
- Curtis, George V., West Springfield, Mass. Universal joint. 2,024,912; Dec. 17.
- Curtis, George W., Milwaukee, Wis., assignor to The Timken Roller Bearing Company, Canton, Ohio. Transmission gearing. 1,989,271; Jan. 29.
- Curtis, Helen B. (See Curtis, James D., assignor.)
- Curtis, James D., Collingswood, assignor, by mesne assignments, to H. B. Curtis, Camden, N. J. Spark plug having spark intensifying device therein. 1,986,624; Jan. 1.
- Curtis, John C., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,015,922; Oct. 1.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rock drill mounting. 2,019,659; Nov. 5.
- Curtis, John C., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Guide shell for rock drills. 2,024,432; Dec. 17.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Air feed for rock drills. 1,992,416; Feb. 26.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rock drill. 2,001,127; May 14.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Drilling motor. 2,013,745; Sept. 10.
- Curtis, John C., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rock drill. 1,993,501; Mar. 5.
- Curtis, John C., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Tool retainer. 1,993,502; Mar. 5.
- Curtis, John C., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Guide shell for rock drill. 1,995,535; Mar. 26.
- Curtis, John C., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Drill steel retainer. 2,003,924; June 4.
- Curtis, John C., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,006,444; July 2.
- Curtis, John C., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rotation mechanism for rock drills. 2,013,744; Sept. 10.
- Curtis, Kenneth L., New York, N. Y. Suction device. 1,988,165; Jan. 15.
- Curtis, Leslie F., assignor to United American Bosch Corporation, Springfield, Mass. Tone control for radios. 2,026,495; Dec. 31.
- Curtis, Leslie F., and K. L. Henderson, assignors to United American Bosch Corporation, Springfield, Mass. Radial dial mechanism. 2,023,005; Dec. 3.
- Curtis Machine Corporation. (See Breed, Alfred V., assignor.)
- Curtis & Marble Machine Company. (See Coolidge, Charles H., assignor.)
- Curtis, Melville G., Bala, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Pile fabric and making the same. 1,989,441; Jan. 29.
- Curtis, Myron S., assignor to W. W. Potter, Pawtucket, R. I. Tool carrier for metal working machines. 1,990,527; Feb. 12.
- Curtis, Myron S., assignor to W. W. Potter, Pawtucket, R. I. Timing mechanism. 2,004,038; June 4.
- Curtis Publishing Company, The. (See Allen, W. W., and Grammer, assignors.)
- Curtis Publishing Company. (See Detwiler, Warren B., assignor.)
- Curtis, Richard C., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Wired and space radio reception system. 1,995,418; Mar. 26.
- Curtis, Rollin L., and J. T. Fleishel, assignors to Cherokee Lumber Company, St. Louis, Mo. Flooring. 2,023,066; Dec. 3.
- Curtis, Rowland J., assignor to The Reeves Manufacturing Company, Dover, Ohio. Wringer brace for laundry tubs. 1,993,133; Mar. 5.
- Curtis, Westley F., Washington, D. C. Production of music. 2,001,708; May 21.
- Curtis, Westley F., Washington, D. C. Frequency division circuit. 2,006,346; July 2.
- Curtis, Westley F., Beaver Heights, Md. Preset selector circuit for high frequency receivers. 2,013,650; Sept. 10.
- Curtis, William H., Cleveland, Ohio. Key cutting machine. 1,995,798; Mar. 26.
- Curtis, William H., assignor to National Pumps Corporation, Dayton, Ohio. Flow meter. 1,987,363; Jan. 8.
- Curtis, William H., assignor to National Pumps Corporation, Dayton, Ohio. Gasoline pump. 1,997,294; Apr. 9.
- Curtiss Aerocar Company. (See Robinson, Harold H., assignor.)
- Curtiss Aerocar Company. (See Robinson, Hugh A., Sr., assignor.)
- Curtiss Aeroplane & Motor Company. (See Blanchard, Werner J., assignor.)
- Curtiss Aeroplane & Motor Company. (See Carleton, Ralph D., assignor.)
- Curtiss Aeroplane & Motor Company. (See Chester, Milton A., assignor.)
- Curtiss Aeroplane & Motor Company. (See Child, Edward R., assignor.)
- Curtiss Aeroplane & Motor Company. (See Flader, Fredric, assignor.)
- Curtiss Aeroplane & Motor Company. (See Flader, F. E., and Rowe, assignors.)
- Curtiss Aeroplane & Motor Company. (See Hathorn, Charles E., assignor.)
- Curtiss Aeroplane & Motor Company. (See Orlando, Salvatore P., assignor.)
- Curtiss Aeroplane & Motor Company. (See Osborn, Robert R., assignor.)
- Curtiss Aeroplane & Motor Company. (See Osborn, R. R., and Wright, assignors.)
- Curtiss Aeroplane & Motor Company. (See Page, George A., Jr., assignor.)
- Curtiss Aeroplane & Motor Company Inc. (See Payne, Samuel T., assignor.)
- Curtiss Aeroplane & Motor Company. (See Payne, S. T., and Weymouth, assignors.)

- Curtiss Aeroplane & Motor Company. (See Steward, Colby W., assignor.)
- Curtiss Aeroplane & Motor Company. (See Trimbach, Clem G., assignor.)
- Curtiss Aeroplane & Motor Company. (See Weymouth, Frederick R., assignor.)
- Curtiss Aeroplane & Motor Company. (See Weymouth, F. R., and Wedberg, assignors.)
- Curtiss, Arthur N., Collingswood, N. J., assignor to Radio Corporation of America, New York, N. Y. Musical instrument. 1,999,355; Apr. 30.
- Curtiss, Arthur N., Collingswood, N. J., assignor to Radio Corporation of America. Electrical pick-up apparatus. 2,026,342; Dec. 31.
- Curtiss Candy Company, The. (See Karasik, Samuel, assignor.)
- Curtiss Candy Company, The. (See Nickel, Thomas, assignor.)
- Curtiss, Charles B., Bay City, Mich. Tension indicator. 2,024,147; Dec. 17.
- Curtiss, J. W. G., administrator. (See Early, James W., assignor.)
- Curtiss, Nathaniel H., Passaic, N. J., assignor by mesne assignments to United States Rubber Company, New York, N. Y. Method and apparatus for making rubber hose. 2,010,061; Aug. 6.
- Curtiss, William R., assignor to Connecticut Telephone & Electric Corporation, Meriden, Conn. Automatic ignition-boosting device. 2,024,722; Dec. 17.
- Curtiss-Wright Airplane Company. (See Henrichsen, Knut, assignor.)
- Curtiss-Wright Airplane Company. (See Page, George A., Jr., assignor.)
- Cushing, Russell E., Haddonfield, N. J., and C. W. Burkhardt, Lansdowne, assignors to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Making sodium aluminate. 2,018,607; Oct. 22.
- Cushman, George W., East Jamaica, Vt. Swimming glove. 2,007,079; July 2.
- Cushwa, Charles B. (See Proctor, R. V., and Cushwa.)
- Cusick, Alden J., Mount Vernon, N. Y., assignor to General Outdoor Advertising Co. Inc. Advertising signboard. 1,986,795; Jan. 8.
- Cuthbert, Lawrence F., assignor to The Newell Mfg. Co., Ogdensburg, N. Y. Tie rack. 2,015,620; Sept. 24.
- Cuthbert, William R., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen desk set. 2,011,040; Aug. 13.
- Cuthbert, William R., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Reproducing machine. 2,017,843; Oct. 22.
- Cuthbertson, Alexander R. (See Dupree, C. H., and Cuthbertson.)
- Cutler, Clarence W., Wheaton, Ill., assignor to General Electric Company. Motor control system. 2,022,502; Nov. 26.
- Cutler, Frank L., Claremont, S. Dak. Tractor guide. 2,010,142; Aug. 6.
- Cutler, Frank W., Portland, Oreg., assignor to Food Machinery Corporation, San Jose, Calif. Progressor for a transverse brush fruit treating machine. 1,997,044; Apr. 9.
- Cutler-Hammer, Inc. (See Evans, Clarence T., assignor.)
- Cutler-Hammer, Inc. (See Hodgson, Howard E., assignor.)
- Cutler-Hammer, Inc. (See Hunter, Richard B., assignor.)
- Cutler-Hammer, Inc. (See Kollath, Francis C., assignor.)
- Cutler-Hammer, Inc. (See Krieger, Alvin W., assignor.)
- Cutler-Hammer, Inc. (See Kuhn, Clarence W., assignor.)
- Cutler-Hammer, Inc. (See Lassen, E. U., and Seeger, assignors.)
- Cutler-Hammer, Inc. (See Lightfoot, Edwin N., assignor.)
- Cutler-Hammer, Inc. (See Lockett, Ralph G., assignor.)
- Cutler-Hammer, Inc. (See Richardson, Linwood T., assignor.)
- Cutler-Hammer, Inc. (See Schmidt, E. X., and Brice, assignors.)
- Cutler-Hammer, Inc. (See Simon, Arthur, assignor.)
- Cutler-Hammer, Inc. (See Stansbury, Carroll, assignor.)
- Cutler-Hammer, Inc. (See Stevens, William C., assignor.)
- Cutler-Hammer, Inc. (See Tregoning, William C., assignor.)
- Cutler Mail Chute Co. (See Bridgman, George A., assignor.)
- Cutler, Roger W., Boston, Mass. Textile fiber working unit. 2,012,223; Aug. 20.
- Cutright, Bland, Huntington Park, Calif. Butcher's block cleaner. 1,991,794; Feb. 19.
- Cutter Manufacturing Company. (See Huff, Elbridge G., assignor.)
- Cutting, Richard H., Cleveland, Ohio. Screen. 2,025,728; Dec. 31.
- Cuttle, Francis, Riverside, Calif. Gate valve. 2,001,094; May 14.
- Cwelich, Matthew J., New York, N. Y. Heating element. 1,997,485; Apr. 9.
- Cyclone Fence Company. (See Harter, Noah S., assignor.)
- Cyclone Seeder Company, The. (See Stark, Truman E., assignor.)
- Cyphers, James H., Grand Junction, Colo. Hydraulic brake. 2,013,375; Sept. 3.
- Cyprien Ste-Marie. (See Lavallée, Wilfrid, assignor.)
- Czajkowski, Clemens, Milwaukee, Wis. Shoe lace. 2,018,054; Oct. 22.
- Czap, Mike, Akron, Mich. Acetylene generator. 1,990,857; Feb. 12.
- Czapar, Frank, Jr., Los Angeles, Calif. Meat tenderer. 1,991,546; Feb. 19.
- Czarnecki, Casimar. (See Czarnecki, Walter V., Jr.)
- Czarnecki, Casimar, et al. (See Czarnecki, Walter and W. V., Jr., assignors.)
- Czarnecki, Mary. (See Czarnecki, Walter V., Jr.)
- Czarnecki, Stanley. (See Czarnecki, Walter V., Jr.)
- Czarnecki, Walter, Sr. (See Czarnecki, Walter V., Jr.)
- Czarnecki, Walter V., Jr., assignor to W. Czarnecki, Sr., M. Czarnecki, N. Wojowski, W. Czarnecki, S. Czarnecki, W. V. Czarnecki, Jr., and C. Czarnecki, copartnership, doing business as Eddington Metal Specialty Co., Eddington, Pa. Pressure regulator. 1,998,223; Apr. 16.
- Czarnecki, Wesley. (See Czarnecki, Walter V., Jr.)
- Czczott, Albert, Warsaw, Poland. Apparatus for removing boiler impurities and for preventing boiler scale. 1,991,922; Feb. 19.
- Czolgosz, Michael S., et al. (See Horkavi, Michael J., assignor.)
- Czygan, Carl, Chicago, Ill. Collapsible beach and lawn chairs. 2,014,614; Sept. 17.
- D. A. & H. Corporation. (See Abdelnour, Dmitri C., assignor.)
- D. C. E. Development Company. (See Kasley, Alexander T., assignor.)
- D 4 Drug Company. (See Deford, Paul F., assignor.)
- Dabelow, Martin, and A. Philips, Frankfort-on-the-Main, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Compound of the distyryl pyridinium salt series and its production. 1,994,170; Mar. 12.
- Dabney, R. Winston, et al. (See Timberlake, Journey F., assignor.)
- Dacey, Edward J., Philadelphia, Pa., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Brace for tube frames in axminster looms. 1,997,045; Apr. 9.
- Dacey, Edward J., Philadelphia, Pa., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Support for tube frames in axminster looms. 1,997,046; Apr. 9.
- Dacey, Edward J., Philadelphia, Pa., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Support for tube frames. 1,997,047; Apr. 9.
- Dacey, Edward J., Philadelphia, Pa., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weaving pile fabrics. 2,020,400; Nov. 12.
- Dacey, Edward J., Philadelphia, Pa., assignor to Crompton & Knowles Loom Works, Worcester, Mass. File fabric loom. 2,021,406; Nov. 19.
- Dacey, Edward J., Philadelphia, Pa., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weaving pile fabrics. 2,025,850; Dec. 31.
- Daemicke Company, The. (See Daemicke, Roland P., assignor.)
- Daemicke, Frank W., Chicago, Ill. Refrigerating unit. 2,014,837; Sept. 17.
- Daemicke, Roland P., assignor to The Daemicke Company, Chicago, Ill. Refrigerator display case. 2,008,203; July 16.
- Daesen, John R., Oak Park, and L. E. Wemple, Chicago, Ill. Method and apparatus for die casting. 1,999,961; Apr. 30.
- Dagg, Truitt L., Goliad, Tex. Expansive thread cutting die and stock. 2,014,312; Sept. 10.
- Daggett, Clyde C., assignor to The DeVilbiss Company, Toledo, Ohio. Atomizer. 2,016,544; Oct. 8.
- D'Agustino, Julius, Detroit, Mich. Toothpick dispenser. 2,004,805; June 11.
- Dahl, Edward T., Randolph, assignor, by mesne assignments, to E. Macleod, Westwood, F. A. Morrison, Newton, Mass., C. Macleod, Berwyn, Pa., L. Soule, Dedham, and S. A. Sargent, Jr., Needham, trustees, doing business as Mason-Neilan Regulator Company, Boston, Mass. Control mechanism. 1,987,364; Jan. 8.
- Dahl, Edward T., Randolph, Mass., assignor by mesne assignments, to E. Macleod, Westwood, F. A. Morrison, Newton, Mass., C. Macleod, Berwyn, Pa., L. Soule, Dedham, S. A. Sargent, Jr., Needham, Mass., trustees, doing business as Mason-Neilan Regulator Company, Boston, Mass. Control mechanism. 2,002,692; May 28.
- Dahl, Edward T., Randolph, Mass., assignor by mesne assignments, to E. Macleod, Westwood, F. A. Morrison, Newton, Mass., C. Macleod, Berwyn, Pa., L. Soule, Dedham, S. A. Sargent, Jr., Needham, Mass., trustees, doing business as Mason-Neilan Regulator Company, Boston, Mass. Draft control. 2,002,693; May 28.
- Dahl, Edward T., Randolph, assignor, by mesne assignments, to E. Macleod, Westwood, F. A. Morrison, Newton, Mass., C. Macleod, Berwyn, Pa., L. Soule, Dedham, and S. A. Sargent, Jr., Needham, Mass., trustees, doing business as Mason-Neilan Regulator Company, Boston, Mass. Control mechanism. 2,016,317; Oct. 8.
- Dahl, Harry M., Sr., Yoakum, Tex. Razor-blade holder. 1,996,904; Apr. 9.
- Dahl, Jack F., Milburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,020,458; Nov. 12.
- Dahl, Lawrence S., Gary, Ind., assignor to American Sheet and Tin Plate Company. Roll mill setting. 2,017,040; Oct. 15.
- Dahl, Lawrence S., and J. L. Peet, Gary, Ind., assignors to American Sheet and Tin Plate Company. Apparatus for cleaning metal working rolls. 1,994,691; Mar. 19.
- Dahl, Olaf M., Duluth, Minn. Motor vehicle. 2,024,148; Dec. 17.
- Dahl, Ole M. (See Clark, Albert B., assignor.)

- Dahl, Oscar, Chicago, Ill. Metal weather strip. 2,015,259; Sept. 24.
- Dahl, Oscar, assignor to Gardner Wire Company, Chicago, Ill. Metal weather strip. 2,022,408; Nov. 26.
- Dahl, Oscar, and W. F. Black, La Rochelle, France. Trawl net with free ground rope. 1,986,559; Jan. 1.
- Dahl, Otto, Wilmersdorf, Berlin, and J. Pfaffenberger, Mariend., Berlin, Germany, assignors to General Electric Company, Schenectady, N. Y. Magnetic material and treatment. 1,987,468; Jan. 8.
- Dahl, Peter C., Minneapolis, Minn. Harvesting machine. 1,992,652; Feb. 26.
- Dahlberg, Arthur O., Madison, Wis. Fountain pen. 2,016,106; Oct. 1.
- Dahlberg, Erik. (See Lindberg, Knut, E. Y., assignor.)
- Dahlberg, Harold, Roseville, and H. W. Jeffers, Utica, Mich. Diving device. 2,024,028; Dec. 10.
- Dahlen, Miles A. (See Carr, J. I., and Dahlen.)
- Dahlen, Miles A. (See Carr, J. I., Dahlen, and Hitch.)
- Dahlen, Miles A. (See Hitch, E. F., Dahlen, and Friedrich.)
- Dahlen, Miles A. (See Jordan, H., and Dahlen.)
- Dahlen, Miles A. (See Lubs, H. A., Hitch, and Dahlen.)
- Dahlen, Miles A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Naphthoic acid derivative. 1,987,663; Jan. 15.
- Dahlen, Miles A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes and their preparation. 2,001,526; May 14.
- Dahlen, Miles A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Water soluble diazolino compounds. 2,008,750; July 23.
- Dahlen, Miles A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyeing and printing textile material. 2,021,911; Nov. 26.
- Dahlen, Miles A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dye and its preparation. 2,025,094; Dec. 24.
- Dahlen, Miles A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Water-soluble diazolino compounds and their production. 2,025,095; Dec. 24.
- Dahlen, Miles A., Wilmington, Del., and W. V. Wirth, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of muskambrette. 2,007,241; July 9.
- Dahlen, Miles A., and S. R. Detrick, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of solutions of salts of picolinic acid. 2,009,043; July 23.
- Dahlen, Miles A., and J. I. Carr, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of azoxy-arylamines. 2,014,522; Sept. 17.
- Dahlen, Miles A., and J. E. Cole, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dye and its preparation. 2,015,743; Oct. 1.
- Dahlgren, Fredrik. (See Dillström, T. V., Astradsson, and Dahlgren.)
- Dahlin, John A., Worcester, assignor, by mesne assignments to Fitz-On Sales Corporation, Boston, Mass. Separable fastener. 2,009,876; July 30.
- Dahlman, Verner, New Lenox, assignor to Independent Air Filter Company, Chicago, Ill. Air filter. 1,995,378; Mar. 26.
- Dahlman, Verner, New Lenox, assignor to Independent Air Filter Company, Chicago, Ill. Air filter. 2,019,213; Oct. 29.
- Dahlstrom, Eric T. G., and H. H. Hahn, Chicago, Ill.; said Hahn assignor to said Dahlstrom. Windshield attachment. 1,986,560; Jan. 1.
- Dahlström, Ernst R., Alsten, assignor to Aktiebolaget Formator, Stockholm, Sweden. Method of and device for producing cigars. 1,999,896; Apr. 30.
- Dahlstrom, Frank P., assignor to Morgan Construction Company, Worcester, Mass. Bearing construction for rolling mills and the like. 2,018,055; Oct. 22.
- Dahlstrom, John A. (See Chadwick, L. S., Dahlstrom, and Wiltshire.)
- Dahlstrom, John A., Bay Village, and W. A. Bryson, Lakewood, Ohio, assignors to Perfection Stove Company, Cleveland, Ohio. Oil burner. 2,000,884; May 7.
- Dahlstrom Metallic Door Company. (See Coleman, Elmer W., assignor.)
- Dahlstrom Metallic Door Company. (See Jacobson, Ludwig G., assignor.)
- Dahlstrom Metallic Door Company. (See Lawson, Gust, assignor.)
- Dahnke, Henry, United States Army. Governor for internal combustion engines. 2,009,967; July 30.
- Dahnken, Frederick J. and R. H. Floral Park, N. Y. Detachable handle for spindles. 1,989,083; Jan. 29.
- Dahnken, Robert H. (See Dahnken, Frederick J. and R. H.)
- Dalber, Ernst. (See Sass, F., and Dalber.)
- Dail, Ernest I., assignor to Dail Steel Products Company, Lansing, Mich. Furnace and air conditioner. 2,002,312; May 21.
- Dail Steel Products Company. (See Dail, Ernest I., assignor.)
- Dail Steel Products Company. (See Murdock, C. I., and Cobb, assignors.)
- Daily, Stephen P., Jr. (See Quasso, Alfred D., assignor.)
- Daimler-Benz Aktiengesellschaft. (See Boysen, Fritz, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Roller, Franz, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Schildknecht, Heinrich, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Seizer, Otto, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Wagner, Max, assignor.)
- Daimler, Karl, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main-Hochst, Germany. Preparing mixtures containing mineral and bituminous substances. 1,988,543; Jan. 22.
- Daimler, Karl, Frankfurt-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Bituminous paving composition. 2,008,978; July 23.
- Dain Manufacturing Company of Iowa. (See Jones, Frank L., assignor.)
- Dainty-Maid Slippers, Inc. (See Calderazzo, Dominick J., assignor.)
- Daisy Manufacturing Company. (See Lefever, Charles F., assignor.)
- Dake, Charles W., Grand Haven, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Brake drum. 1,998,709; Apr. 23.
- Dake, Charles W., Grand Haven, and J. E. Linabury, Pontiac, assignors to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Metal cleaning machine. 1,990,318; Feb. 5.
- Dake, Charles W., Grand Haven, and F. E. Liverance, Jr., Grandville, assignors to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Brake drum. 2,008,173; July 16.
- Dale, Albert A., assignor to Incorporated Industries Limited, London, England. Horizontal pianoforte. 2,024,629; Dec. 17.
- Dalén, Gustaf, and G. E. Björklund, Lidings, assignors to Svenska Aktiebolaget Gasaccumulator, Stockholm, Sweden. Heat exchanger. 1,987,182; Jan. 8.
- Dales, Benton. (See Williams, I., and Dales.)
- Daley, Walter F., Pelham Manor, assignor to Robert Gair Company, Inc., New York, N. Y. Single piece partitioned crate. 2,023,578; Dec. 10.
- Daley, Walter F., Pelham Manor, N. Y., assignor to Robert Gair Company, Inc., Wilmington, Del. Carton sealing. 2,026,216; Dec. 31.
- Dalite Screen Company. (See Heck, John T., assignor.)
- Dalkowitz, Godfrey, et al., trustees. (See Garretson, John D., assignor.)
- Dall, Albert H., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Apparatus for producing surfaces of revolution eccentric to one another. 1,993,831; Mar. 12.
- Dall, Albert H., and B. Sassen, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Wave screw. 1,989,611; Jan. 29.
- Dallaway, Sydney. (See Gill, S. C., and Dallaway.)
- Dällenbach, Walter, Zurich, Switzerland. Leading-in device for metallic vacuum-discharge containers. 1,997,361; Apr. 9.
- Dällenbach, Walter, Zurich, Switzerland. Rectifier. 2,023,166; Dec. 3.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany. Direct current converter. 2,016,628; Oct. 8.
- Dällenbach, Walter, Berlin-Charlottenburg, assignor to N. Y. Maschinenriem-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Producing a source of light. 2,015,885; Oct. 1.
- Daller, Adrian O., Dennisport, Mass., assignor to Daller Carton Co., Inc., New York, N. Y. Making containers. 1,990,637; Feb. 12.
- Daller, Adrian O., Dennisport, Mass., assignor to Daller Carton Co., Inc., New York, N. Y. Carton. 1,992,195; Feb. 26.
- Daller, Adrian O., Dennisport, Mass., assignor to Daller Carton Company, Inc., New York, N. Y. Dispensing container and making the same. 2,002,363; May 21.
- Daller, Adrian O., Dennisport, Mass., assignor to Daller Carton Co., Inc., New York, N. Y. Container. 2,002,364; May 21.
- Daller, Adrian O., Dennisport, Mass., assignor to Daller Carton Co., Inc., New York, N. Y. Container. 2,003,925; June 4.
- Daller, Adrian O., Dennisport, Mass., assignor to Daller Carton Co., Inc., New York, N. Y. Closure. 2,007,520; July 9.
- Daller, Adrian O., Dennisport, Mass., assignor to Daller Carton Co., Inc., New York, N. Y. Container. 2,011,438; Aug. 13.
- Daller, Adrian O., Dennisport, Mass., assignor to Daller Carton Company, Inc., New York, N. Y. Container. 2,018,707; Oct. 29.
- Daller Carton Co. (See Daller, Adrian O., assignor.)
- Dallmann, Herbert, Berlin-Karlshorst, Germany, assignor to General Electric Company. Demand indicator. 2,020,997; Nov. 12.
- Dallwigk, Harry A., Jr., Brooklyn Station, Ohio. Pulley connection. 1,986,325; Jan. 1.
- Dally, Roy, assignor to Webster Electric Company, Racine, Wis. Combined reproducing and recording device. 2,013,201; Sept. 3.
- Dalsheim, M., & Co. Inc. (See Anish, Adolph, assignor.)
- Dalton, John W. (See Bartholomew, H. G., and Dalton.)
- Dalton, John W., Wimbledon, London, England. Electrical circuit and apparatus. 2,005,130; June 18.
- Dalton, Philip, Washington, D. C. Plotting and computing device. 2,013,603; Sept. 3.

- Dalton, Robert H., assignor to Corning Glass Works, Corning, N. Y. Fining heat absorbing reduced glass. 2,009,763; July 30.
- Dalton, Robert H., assignor to Corning Glass Works, Corning, N. Y. Fining heat absorbing reduced glass. 2,009,764; July 30.
- Dalton, William, Schenectady, N. Y., assignor to General Electric Company. Fabricated structure. 1,998,310; Apr. 16.
- Dalton, William T., Anstead, W. Va. Mine car bumper. 2,003,645; June 4.
- Daly, Charles, Jr., St. Louis, Mo. Adjustable scaffold. 2,003,581; June 4.
- Daly, Charles L. (See Daly, John J., and C. L.)
- Daly, Frank A., trustee. (See Roberts, Fred T., assignor.)
- Daly, Frank A., assignor to W. W. Potter, Pawtucket, R. I. Method of and apparatus for forming hollow articles such as tire tubes. 2,024,149; Dec. 17.
- Daly, George F. (See Lake, C. D., and Daly.)
- Daly, George F., Johnson City, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Subtracting tabulator. 1,989,848; Feb. 5.
- Daly, George F., Johnson City, and G. Lowkrantz, Endicott, N. Y., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Duplicating punch. 2,016,706; Oct. 8.
- Daly, Grover J., Chicago, Ill. Functional lighting for furniture. 2,021,836; Nov. 19.
- Daly, John A., New Rochelle, N. Y. Manufacture of gold inlays. 2,004,747; June 11.
- Daly, John J., Virgenville, Pa. Locomotive boiler. 1,994,606; Mar. 19.
- Daly, John J., West Newton, and C. L. Daly, Belmont, Mass. Shoe. 2,025,647; Dec. 24.
- Daly, John J., West Newton, and C. L. Daly, Belmont, Mass. Shoe. 2,025,648; Dec. 24.
- Daly, Joseph P., assignor to The Daly Manufacturing Company, Cincinnati, Ohio. Garment or ironing press and control therefor. 1,987,284; Jan. 8.
- Daly, Joseph P., assignor to The Daly Manufacturing Company, Cincinnati, Ohio. Fluid pressure actuated pressing machine. 1,987,389; Jan. 8.
- Daly, Joseph P., assignor to The Daly Manufacturing Company, Cincinnati, Ohio. Garment or ironing press. 1,997,965; Apr. 16.
- Daly, Joseph P., Minneapolis, Minn., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Press control mechanism. 1,996,231; Apr. 2.
- Daly, Joseph P., Minneapolis, Minn., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Press control mechanism. 2,016,415; Oct. 8.
- Daly, Lloyd C. (See Colbert, C. C., Preston, and Daly.)
- Daly, Loretta M., Pittsfield, Mass., assignor to General Electric Company. Electric heater. 2,003,175; May 28.
- Daly, Loretta M., Pittsfield, Mass., assignor to General Electric Company. Electric heater. 2,003,176; May 28.
- Daly Manufacturing Company, The. (See Daly, Joseph P., assignor.)
- Dalzell, Clarence W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track switch controlling apparatus. 2,025,574; Dec. 24.
- Dame, Charles V., Lanark, Ill. Carburetor apparatus. 2,023,123; Dec. 3.
- Damhorst, William S., Quincy, Ill. Coloring bricks. 2,020,137; Nov. 5.
- Damitz, Frederick M., Irvington, N. J., assignor, by mesne assignments, to The Harvel Corporation. Product of cashew nut shell liquid and resin and process therefor. 2,014,370; Sept. 17.
- Damm, Felix, Dusseldorf, Germany. Injector burner for autogenous metal working. 2,008,130; July 16.
- Damon, Edward H., Skellytown, assignor, by mesne assignments, to Cabot Carbon Company, Pampa, Tex. Improving carbon black. 2,005,022; June 18.
- Damon, Frank J., assignor to Union Hardware Company, Torrington, Conn. Hack saw handle. 2,014,722; Sept. 17.
- Dampman, Frank S., Phoenixville, assignor of one-fourth to Fred B. Seeberger, Philadelphia, Pa. Display fixture. 1,991,596; Feb. 19.
- Damrow Brothers Company. (See Damrow, Edward C., assignor.)
- Damrow, Edward C., Fond du Lac, Wis. Curd cutter. 2,007,422; July 9.
- Damrow, Edward C., assignor to Damrow Brothers Company, Fond du Lac, Wis. Curd rake. 2,014,279; Sept. 10.
- Damsel, William B., New York, N. Y. Pipe joint. 2,013,267; Sept. 3.
- Damsel, William B., New York, N. Y. Pipe coupling. 2,014,313; Sept. 10.
- Dana, Leo I., and C. W. Goetz, Buffalo, N. Y., assignors to Carbide and Carbon Chemicals Corporation. Homogeneous composition and making the same. 1,988,584; Jan. 22.
- Dana, Leo I., and F. P. Kinson, Buffalo, N. Y., assignors to The Linde Air Products Company. Wet drum meter. 2,023,006; Dec. 3.
- Dandele Threadlock Corporation. (See Thomson, Alfred M., assignor.)
- Daneke, Dietrich. (See Brackett, E. M., Daneke, and Williams.)
- Danenberg, Louis, New York, N. Y. Initial stamping device. 2,019,395; Oct. 29.
- Danforth, Richard S., San Francisco, Calif. Power detector tube. 1,988,867; Jan. 22.
- D'Angelo, Antonio, Nanuet, N. Y. Motor generator and other transformer. 2,021,177; Nov. 19.
- Daniel, Clarence P., Bristol, Va. Mine car. 2,003,878; June 4.
- Daniel, Paul P., Los Angeles, Calif. Valve. 1,996,192; Apr. 2.
- Daniel, Raleigh T., Colorado Springs, Colo. Propeller shaft bearing and support for model airplanes. 1,995,447; Mar. 26.
- Daniel, William, assignor to Greenhill & Daniel, Inc., Brooklyn, N. Y. Garment. 1,996,613; Apr. 2.
- Daniele, Edmund, Astoria, N. Y., assignor of one-half to A. H. Bamberger, New York, N. Y. Combined automobile foot-rail and umbrella receptacle. 2,020,459; Nov. 12.
- Daniels, Claude H., Wellesley Hills, Mass. Shoe and arch supporter therefor. 2,008,060; July 16.
- Daniels, Fred H., assignor to Riley Stoker Corporation, Worcester, Mass. Pulverizing apparatus. 2,013,800; Sept. 10.
- Daniels, Henry G., Yeronga, near Brisbane, Queensland, Australia. Potato harvester. 1,986,715; Jan. 1.
- Daniels, Joseph. (See Fitz, W., and Daniels.)
- Daniels, Lee G., Rockford, Ill. Combination high and low voltage lamp. 2,012,419; Aug. 27.
- Daniels, Lloyd C., Crafton, and A. O. Jaeger, Mount Lebanon, Pa., assignors, by mesne assignments, to American Cyanamid & Chemical Corporation. Color, plastic, and coating compositions. 1,990,818; Feb. 12.
- Daniels, Lloyd C., Crafton, and A. O. Jaeger, Mount Lebanon, Pa., assignors, by mesne assignments, to American Cyanamid & Chemical Corporation. Preparation of phthalic acid. 2,001,053; May 14.
- Daniels, Lloyd C., Crafton, and A. O. Jaeger, Mount Lebanon, Pa., assignors, by mesne assignments, to American Cyanamid & Chemical Corporation. Salts of keto aromatic acids. 2,001,380; May 14.
- Daniels, Rupert S. (See Nash, C. A., and Daniels.)
- Daniels, Stanley A. (See McCulloch, J. M., Daniels and Herbert.)
- Danielson, Guy O. (See Gill, E. B., and Danielson.)
- Dankau, Walter E. (See Weber, P. F., and Dankau.)
- Dann, Ernest G., New York, N. Y. Garment construction. 2,023,194; Dec. 3.
- Dannatt, Cecil. (See Field, A. B., and Dannatt.)
- Dannemann, Frederick C., Ridgewood, N. Y. Lubricating device. 2,020,537; Nov. 12.
- Dannenbergh, Hans, Dessau in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Device for equalizing fluctuations produced in masses delivered by spinning pumps. 2,020,633; Nov. 12.
- Dannenbergh, Simon J. (See Block, R. J., and Cowgill, assignors.)
- D'Annunzio, Harry C., assignor to Fashion Park Manufacturing Corporation, Rochester, N. Y. Trousers. 2,015,337; Sept. 24.
- Danser, Stanley A., assignor, by mesne assignments, to V. M. Stacy-Bush, Rochester, N. Y. Printing member. 2,026,021; Dec. 31.
- Danser, Stanley A., assignor, by mesne assignments, to V. M. Stacy-Bush, Rochester, N. Y. Printing member. 2,026,272; Dec. 31.
- Dante, Joseph J., Bantam, Conn., assignor to The Palmer Electric & Manufacturing Co., Waltham, Mass. Cartridge fuse extractor. 2,004,314; June 11.
- Dante, Joseph J., Bantam, Conn. Combination fuse pulling pliers and test light. 2,023,916; Dec. 10.
- Danuff, Irving R., and R. Horowitz, Bronx, and H. Sapperstein, Brooklyn, N. Y. Automatic film cuing device. 1,988,868; Jan. 22.
- Danuser, Jakob. (See Bonhöte, G., and Danuser.)
- Danz, Arnold P., Larchmont, N. Y., assignor to General Electric Company. Control system. 2,025,575; Dec. 24.
- Danzer, Catherine, executor et al. (See de Beaufort, J. M. E., and Lederer.)
- Danzig, Albert M. (See Goldberg, Maurice M., assignor.)
- Danziger, Harold I. (See Grifenhagen, Benjamin W., assignor.)
- Danziger, Harold I., Westwood, N. J. Electrostatic condenser. 1,990,819; Feb. 12.
- Dapp, Charles, New York, N. Y., assignor to U. S. Slicing Machine Company, La Porte, Ind. Pedestal. 1,986,140; Jan. 1.
- Dapprich, Carl E. L., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,018,253; Oct. 22.
- Daranyi, Stephan C., Hamburg, Germany. Process and apparatus for the fermentation of carbohydrates. 2,001,930; May 21.
- Darby, Charles J., assignor of one-half to J. L. Darby, Pasadena, Calif. Automatic safety razor. 1,996,503; Apr. 2.
- Darby, Ernest R. (See Meyer, T. F. W., and Darby.)
- Darby, Ernest R. (See Russell, H. W., and Darby.)
- Darby, John L. (See Darby, Charles J., assignor.)
- Darby, Robert F., Oak Park, assignor to American Steel Foundries, Chicago, Ill. Truck. 2,023,667; Dec. 10.
- Darbyshire, Leonard H., assignor to Norge Corporation, Detroit, Mich. Gasket. 1,995,379; Mar. 26.
- Darbyshire, Leonard H., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation. Refrigerator gasket. 2,023,917; Dec. 10.

- Dardani, Thomas H., Bloomfield, N. J. Resurfacing device for surface grinding machines. 1,994,386; Mar. 12.
- Dardelet Threadlock Corporation. (See Hoke, William E., assignor.)
- Dardelet Threadlock Corporation. (See Thomson, Alfred M., assignor.)
- Dardin, Franz, Berlin-Siemensstadt and E. Altenkirch, Neuenhagen near Berlin, Germany, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Absorption refrigerating apparatus. 2,008,350; July 16.
- Darimont, Leopold, Brussels, Belgium. Screens for cinematographic projections and the like. 1,995,964; Mar. 26.
- Darley, William S., Chicago, Ill. Fire truck. 2,005,990; June 25.
- Darling, Elton R., Chicago, assignor to Chappel Bros. Inc., Rockford, Ill. Food product. 2,009,391; July 30.
- Darling, Frank L., Forest Hills, N. Y., assignor to Open E Z Crown Co., Inc., Dover, Del. Cover and receptacle and removing the covers from the receptacles. 1,987,550; Jan. 8.
- Darling, Frank L., Baltimore, Md., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Glass bottle molding means. 2,006,041; June 25.
- Darling, Frank L., Douglaston, N. Y., assignor, by mesne assignments, to Glen-Dar Can Co. Vacuum sealing can. 2,024,511; Dec. 17.
- Darling, Frank L., Douglaston, N. Y., assignor, by mesne assignments, to Glen-Dar Can Co. Vacuum sealing can. 2,024,512; Dec. 17.
- Darling, Frank L., and G. J. Huntley, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Capping machine. 1,993,650; Mar. 5.
- Darling, Thomas H., and W. Maccabee, Rockville Centre, N. Y. Magnetic puzzle. 2,002,077; May 21.
- Darlington, Philip J., deceased, Cambridge, Mass., R. T. M. Darlington, executrix of said Philip J. Darlington. Caliper device. 1,992,606; Feb. 26.
- Darlington, Rebecca T. M., executrix. (See Darlington, Philip J.)
- Darlington, Sidney, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission network. 1,991,195; Feb. 12.
- Darlington, Sidney, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 1,996,504; Apr. 2.
- Darman, Joseph, assignor to Utica Towel Cabinet Corp., Utica, N. Y. Towel vending cabinet. 2,002,568; May 28.
- Darmstaetter, Armin A. (See Sawtelle, C. A., and Darmstaetter.)
- Darnell, Roy F., assignor of one-half to J. S. Wilson, Detroit, Mich. Pipe stem and the like. 2,006,793; July 2.
- Darr, Thomas A., Cumberland, Md. Spinning machine whirl. 1,998,360; Apr. 16.
- Darr, Thomas A., Cumberland, Md. Interchangeable spinning cap. 2,008,609; July 16.
- Darragh, Florence A. (See Darragh, John K., assignor.)
- Darragh, John K., New York, N. Y., assignor to Florence A. Darragh. Display box. 1,996,232; Apr. 2.
- Darrab, William A., Chicago, Ill. Device for controlling specific gravity of a gas mixture. 1,994,755; Mar. 19.
- Darrab, William A., Chicago, Ill. Automatic measuring apparatus. 1,996,233; Apr. 2.
- Darrab, William A., Chicago, Ill. Heat treating machine. 2,009,481; July 30.
- Darrab, William A., assignor to United States Gypsum Company, Chicago, Ill. Drying materials. 2,000,663; May 7.
- Darrasse, Etienne, Paris, and L. Dupont, Vincennes, France, assignors of one-half to L. Darrasse, Paris, France, and E. Elod, Carlsruhe, Germany. Manufacture of bornyl oxalates. 2,020,769; Nov. 12.
- Darrasse, Leon, et al. (See Darrasse, E., and Dupont, assignors.)
- Darrieus, Georges, Houilles, France, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Protective system. 1,987,285; Jan. 8.
- Darrin, Marc, Pittsburgh, Pa., assignor to F. N. Burt Company, Limited, Toronto, Ontario, Canada. Composition of matter. 1,994,810; Mar. 19.
- Darroch, Gourley, executor et al. (See Apple, Vincent G.)
- Darroch, Gourley, et al., executors. (See Apple, Vincent G.)
- Darroch, Gourley, et al., executors. (See Apple, V. G., and Rauen.)
- Darrow, Charles B., Philadelphia, Pa., assignor to Parker Brothers, Inc., Salem, Mass. Board game apparatus. 2,026,082; Dec. 31.
- Darrow, Wirt E., Hollis, N. Y., and G. H. Peterson, Glen Rock, N. J., assignors to American Telephone and Telegraph Company. Telephone system. 2,019,561; Nov. 5.
- Darsey, Van M. (See Thompson, J. S., and Darsey.)
- Dart, Robert H., Sacramento, Calif., assignor, by mesne assignments, to Carton Development Corporation, New York, N. Y. Lining collar for fruit boxes. 2,000,126; May 7.
- Darwins Limited. (See Brown, William, assignor.)
- Dary, Eugene H., Newfane, Vt. Trousers hanger. 1,992,356; Feb. 26.
- Dasenbrook, Charles H., assignor to Thayer Action Company, Rockford, Ill. Piano action. 1,992,939; Mar. 5.
- Dasher, Don E., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,990,471; Feb. 12.
- Dasher, Don E., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Leak detecting apparatus. 2,017,951; Oct. 22.
- Dashner, Ralph L., assignor to R-B-M Manufacturing Co., Logansport, Ind. Switch. 1,995,671; Mar. 26.
- Dasset, Emile, Brussels, Belgium. Internal combustion engine. 2,006,498; July 2.
- Daste, Marius J., Courbevoie, France. Bodywork. 1,993,651; Mar. 5.
- Daste, Marius J., Courbevoie, France. Bodywork. 2,010,625; Aug. 6.
- Dath, Charles E., assignor to W. H. Miner, Inc., Chicago, Ill. Car door. 1,988,585; Jan. 22.
- Daub, Rudolph, Nutley, N. J., assignor, by mesne assignments, to The Reed Propeller Co., Inc., Garden City, N. Y. Valve gear operating mechanism. 1,993,875; Mar. 12.
- Daudelin, Jean B. (See Talbot, Evariste E., assignor.)
- Daudt, Herbert. (See Calcott, W. S., and Daugt, A.)
- Daudt, Herbert W. (See Holt, L. C., and Daudt.)
- Daudt, Herbert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic halides. 2,016,075; Oct. 1.
- Daudt, Herbert W., and E. L. Mattison, assignors to Kinetic Chemicals, Incorporated, Wilmington, Del. Fluorination of carbon compounds. 2,004,931; June 18.
- Daudt, Herbert W., M. A. Youker, and H. L. Jones, assignors, by mesne assignments, to Kinetic Chemicals, Incorporated, Wilmington, Del. Production of fluorine compounds. 2,004,932; June 18.
- Daudt, Herbert W., and M. A. Youker, assignors, by mesne assignments, to Kinetic Chemicals, Incorporated, Wilmington, Del. Preparation of carbon compounds containing fluorine. 2,005,705; June 18.
- Daudt, Herbert W., and M. A. Youker, assignors to Kinetic Chemicals Inc., Wilmington, Del. Organic fluorine compounds. 2,005,706; June 18.
- Daudt, Herbert W., and M. A. Youker, assignors to Kinetic Chemical Inc., Wilmington, Del. Production of organic fluorine compounds. 2,005,707; June 18.
- Daudt, Herbert W., and M. A. Youker, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Production of halogenated ethane derivatives containing fluorine. 2,005,708; June 18.
- Daudt, Herbert W., and M. A. Youker, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Production of organic fluorine compounds. 2,005,709; June 18.
- Daudt, Herbert W., and M. A. Youker, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Preparation of fluorine compounds. 2,005,710; June 18.
- Daudt, Herbert W., and M. A. Youker, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Preparation of organic fluorine compounds. 2,005,711; June 18.
- Daudt, Herbert W., Wilmington, Del., and H. M. Parmelee, Salem, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluorination process. 2,013,035; Sept. 3.
- Daudt, Herbert W., and M. A. Youker, Wilmington, Del., and H. H. Reynolds, Penns Grove, N. J., assignors to Kinetic Chemicals, Inc., Wilmington, Del. Halogenated acyclic hydrocarbon containing fluorine. 2,024,095; Dec. 10.
- Dauernheim, Augustus M., Brooklyn, N. Y. Display tray for potted plants. 1,989,403; Jan. 29.
- Daugert, Peter, Wilkes-Barre, Pa. Thread cleaner. 2,015,060; Sept. 24.
- Daughdrill, James H., assignor to Calloway Mills, LAGRANGE, Ga. Production of laundry pads. 2,003,741; June 4.
- Daugherty, James E. (See Nicholls, John W., assignor.)
- Daum, Charles, New York, N. Y. Fruit juice extractor. 2,008,899; July 23.
- Daum, Leon, assignor of one-half to Schneider & Cie., and one-half to Compagnie des Forges & Acieries-de la Marine et d'Homecourt, Paris, France. Ammunition supplying device for pairs of guns mounted in turrets or the like. 2,004,855; June 11.
- Daum, Leon, assignor to Compagnie des Forges et Acieries de la Marine et d'Homecourt, Paris, France. Ammunition supplying device for pairs of guns mounted in turrets or the like. 2,004,856; June 11.
- Dauman, Samuel S., New York, N. Y. Lighting fixture. 1,992,196; Feb. 26.
- Daumas, Auguste. (See Staines, Guillermo, assignor.)
- Daumann, Charles F., Hempstead, assignor of one-half to F. W. Hoch, Brooklyn, N. Y. Printer's plate registering hook. 2,012,808; Aug. 27.
- Daumann, Charles F., Hempstead, assignor of one-half to Fred W. Hoch, Brooklyn, N. Y. Printer's press furniture base. 2,020,138; Nov. 5.
- Daumann, Charles F., Hempstead, assignor of one-half to F. W. Hoch, Brooklyn, N. Y. Combination quad and printer's plate registering hook. 2,023,195; Dec. 3.
- Dautel, Edward V., Chicago, Ill. Humidity and temperature control device. 1,998,534; Apr. 23.
- Dautel, Ernest, Hartford, Conn., assignor of one-third to S. Blackman, Washington, D. C. Acetylene gas generator. 1,986,254; Jan. 1.
- D'Avanz, Paul, Bethlehem, Pa. Garment. 2,024,094; Dec. 10.
- Davenport, Charles M., Buffalo, N. Y. Dispensing tube. 2,013,376; Sept. 3.

- Davenport, Frank A. (See Willshaw, H., and Davenport.)
 Davenport Machine & Foundry Company. (See Scherer, Charles F., assignor.)
 Davenport, Ransom W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Refrigerant composition. 1,986,959; Jan. 8.
 Davenport, Sam F., assignor to Creek Chub Bait Company, Garrett, Ind. Fly rod lure. 1,994,692; Mar. 19.
 Davenport, Sam F., assignor to Creek Chub Bait Company, Garrett, Ind. Forming wings for fish lures. 2,018,622; Oct. 22.
 Davenport, William G., and J. K. Weniger, assignors to Beaumont Birch Company, Philadelphia, Pa. Hopper construction. 2,018,636; Oct. 22.
 Davey, John E., New York, N. Y. Saw handle. 2,017,895; Oct. 22.
 Davey, Paul H., Kent, Ohio. Motor driven truck and apparatus carried thereby. 2,014,797; Sept. 17.
 Davey, Peter, Mount Vernon, assignor to Vibroscope, Inc., New York, N. Y. Stroboscopic apparatus and method. 2,004,270; June 11.
 David & Lewis. (See De Spain, Thomas H., assignor.)
 David, Tressel R. (See Harris, C. D., and David.)
 David, William H., Tottenville, Staten Island, N. Y. Adjustable cap visor. 2,004,471; June 11.
 Davidsmeyer, Orville H., and A. H. Stoltenberg, Chicago, Ill., assignors to American Telephone and Telegraph Company. Regenerative telegraph repeater. 1,993,318; Mar. 5.
 Davidson, Alfred. (See Baldwin, A. W., and Davidson.)
 Davidson, Arthur C., Chicago, Ill. Spring friction device. 1,990,638; Feb. 12.
 Davidson, Bruce J., Kew Gardens, assignor to National Biscuit Company, New York, N. Y. Carton. 1,988,721; Jan. 22.
 Davidson, Bruce J., Kew Gardens, assignor to National Biscuit Company, New York, N. Y. Display box. 2,006,445; July 2.
 Davidson, Bruce J., Kew Gardens, assignor to National Biscuit Company, New York, N. Y. Adjusting container bottoms. 2,006,446; July 2.
 Davidson, Bruce J., Key Gardens, and A. Chappoy, Jr., Brooklyn, assignors to National Biscuit Company, New York, N. Y. Display rack and bin. 2,006,447; July 2.
 Davidson, Ellinor C., executrix. (See Davidson, Thomas D.)
 Davidson, Ellsworth L., Chicago, Ill. Match book. 2,018,299; Oct. 22.
 Davidson, Frank E., Detroit, Mich. Valve and spring retainer therefor. 2,023,265; Dec. 3.
 Davidson, Glenn, Bloomington, Ill. Packing box construction. 1,997,455; Apr. 9.
 Davidson, Glenn, Bloomington, Ill. Cigarette mouth-piece or the like. 2,001,709; May 21.
 Davidson, Glenn, Portsmouth, Va. Production of tobacco articles. 2,013,202; Sept. 3.
 Davidson, Graham, Wishaw, assignor to Stewarts and Lloyds Limited, Glasgow, Scotland. Apparatus for the manufacture of the grooved rolls as used in pilger rolling mills. 2,024,433; Dec. 17.
 Davidson, Harold B., Louisville, Ky. Method and apparatus for forming wells. 2,026,419; Dec. 31.
 Davidson, Harold O., Iron Mountain, Mich. Equipment for carrying containers and the like. 2,013,950; Sept. 10.
 Davidson, Harry L. (See Davidson, Louis and H. L.)
 Davidson, Hobart O., Meadville, assignor to The Viscose Company, Marcus Hook, Pa. Method and apparatus for precipitating cellulose acetate. 2,021,837; Nov. 19.
 Davidson Hospital Bed Company Limited. (See Wright, P., and Logan, assignors.)
 Davidson, Jesse H., and J. F. Mullaney, Colorado Springs, Colo. Program indicator. 1,986,326; Jan. 1.
 Davidson, Joseph G., New York, and J. J. Schaefer, Niagara Falls, N. Y., assignors to Carbide and Carbon Chemicals Corporation. Concentrating dilute aqueous water-soluble fatty acids. 1,995,965; Mar. 26.
 Davidson, Louis, Hewlett, N. Y. Arch construction. 2,021,480; Nov. 19.
 Davidson, Louis and H. L., Philadelphia, Pa. Thermostatic control device. 1,999,399; Apr. 30.
 Davidson, Paul B., Pittsburgh, Pa. Vegetable parchment. 1,996,857; Apr. 9.
 Davidson, Paul B., Pittsburgh, Pa. Translucent paper. 1,996,858; Apr. 9.
 Davidson, Phillip, Waterbury, Conn. Wire and cable connector and terminal. 2,006,794; July 2.
 Davidson Rubber Company. (See Liddick, Harold S., assignor.)
 Davidson, Thomas D., deceased, San Francisco, Calif., E. C. Davidson, executrix, assignor to Chrysler Corporation, Highland Park, Mich. Signal glass. 2,007,393; July 9.
 Davidson, Thomas D., deceased, San Francisco, Calif., E. C. Davidson, executrix, assignor to Chrysler Corporation, Highland Park, Mich. Signal glass. 2,012,933; Aug. 27.
 Davidson, Walter C. (See Hoff, J. B., and Davidson.)
 Davidson, Walter C. (See Nelson, R. S., and Davidson.)
 Davidson, Walter S., Newport, R. I. Power steering gear. 1,991,597; Feb. 19.
 Davidson, Wayne K., Montreal, Quebec, Canada. Temperature registering equipment. 2,008,947; July 23.
 Davies, Arnold. (See Dewsbury, W. G., and Davies.)
 Davies, Bob S., Horsell Rise, Woking, and P. A. Summers, Osterley, England. Railway and tramway track. 2,009,309; July 23.
 Davies, Charles, New York, N. Y. Filter. 2,002,936; May 28.
 Davies, Charles, New York, N. Y. Filter. 2,008,751; July 23.
 Davies, David G., Morgantown, W. Va. Sheet pulling device. 1,997,134; Apr. 9.
 Davies, David R., Didsbury, England, assignor to General Electric Company. Electrical switch gear. 1,992,024; Feb. 19.
 Davies, David R., Didsbury, England, assignor to General Electric Company. Circuit breaker. 2,010,714; Aug. 6.
 Davies, Ernest E., East Orange, N. J. Shelving unit. 1,989,849; Feb. 5.
 Davies, Henry R., Valley Cottage, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Amplifying device. 2,007,946; July 9.
 Davies, James M. (See Mayo, R. R., and Davies.)
 Davies, John M., Denver, Colo. Massage apparatus. 2,004,428; June 11.
 Davies, Richard L., Denver, Colo., assignor to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Dissolving cellulose and reclaiming rubber. 1,998,449; Apr. 23.
 Davies, Robert E., Kokomo, Ind. Minnow trap. 2,023,311; Dec. 3.
 Davies, Robinson L., and C. C. Gehron, Williamsport, Pa. Portable armrest. 2,006,883; July 2.
 Davies, Thomas T., North Adams, Mass. Dyeing spool. 2,021,050; Nov. 12.
 Davies, Tom J., New York, N. Y. Wheel wrench. 2,000,744; May 7.
 Davies, Walter E., Missoula, Mont. Heater. 2,000,825; May 7.
 Davies, Walter R., Missoula, Mont. Electrical heater. 2,000,826; May 7.
 Davies, Wayne, Chicago, Ill. Packing. 2,019,523; Nov. 5.
 Davignon, Ermand H., assignor to General Plate Company, Attleboro, Mass. Plated metal and the manufacture thereof. 2,024,150; Dec. 17.
 Davignon, Ovida S., assignor to The H. F. Barrows Co., North Attleboro, Mass. Bracelet. 2,024,129; Dec. 10.
 Davis, Albert G., Pueblo, Colo. Rail switch. 2,011,798; Aug. 20.
 Davis, Archibald H., Jr., Buffalo, N. Y., assignor to National Aniline & Chemical Co., Inc., New York, N. Y. Electrometric determinations. 2,004,569; June 11.
 Davis, Archibald H., Jr., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Apparatus for measuring temperature. 2,011,710; Aug. 20.
 Davis, Archibald H., assignor to Davis Extruded Sash Company, Lincoln, Nebr. Sash, door, or store front construction. 2,013,489; Sept. 3.
 Davis, Archibald H., Jr., New Castle, and P. Winsborough, Pittsburgh, assignors to Shaw-Perkins Manufacturing Company, Pittsburgh, Pa. Radiator. 1,998,273; Apr. 16.
 Davis, Arnold R. (See Miller, J. M., and Davis.)
 Davis, Arthur C., Canton, Ohio. Guard for wringer rolls. 1,993,319; Mar. 5.
 Davis, Arthur P., Brooklyn, assignor of one-half to D. M. Mahood, New York, N. Y. Device for indicating the position of ships. 2,022,275; Nov. 26.
 Davis, Augustine, Jr. (See Shield, Paul S., assignor.)
 Davis, Augustine Jr., Cincinnati, Ohio. Bayonet type can closure. 2,007,562; July 9.
 Davis, Charles C., assignor to Timken-Detroit Axle Company, Detroit, Mich. Gearing. 2,009,915; July 30.
 Davis, Charles H., Winnetka, Ill. Bedpan. 2,021,226; Nov. 19.
 Davis, Charles H., Jr., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Ignition apparatus. 1,995,917; Mar. 26.
 Davis, Charles H., Jr., deceased, Anderson, Ind., by J. T. Fitzsimmons, Anderson, Ind., administrator, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Ignition apparatus. 2,015,076; Oct. 1.
 Davis, Charles H., Jr., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Ignition apparatus. 2,016,669; Oct. 8.
 Davis, Charles H., Jr., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Ignition apparatus. 2,024,630; Dec. 17.
 Davis, Charles H., Jr., deceased, Anderson, Ind., by J. T. Fitzsimmons, administrator, Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Circuit breaker lever. 2,025,191; Dec. 24.
 Davis Cheese Company. (See Irvin, Robert R., assignor.)
 Davis, Clarence R., assignor to Davis Tool & Engineering Company, Detroit, Mich. Automobile license plate holder. 2,003,343; June 4.
 Davis, Clarke F., Short Hills, N. J., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Snap locking slab. 2,015,744; Oct. 1.
 Davis Company, The. (See Bond, Lee and LeR. C., assignors.)

- Davis, Cortland W., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Inverted mantle holder. 2,023,467; Dec. 10.
- Davis, Cortland W., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Machine for glazing glassware. 2,024,818; Dec. 17.
- Davis, Daniel W., Beaumont, Tex. Foot manipulating apparatus. 1,996,614; Apr. 2.
- Davis, David M., Washington, D. C. Conveyor mechanism. 1,999,587; Apr. 30.
- Davis, Donald J. (See Davis, Joseph and D. J.)
- Davis, Dorsey L. (See Langley, G. R., and Davis.)
- Davis, Durrell H., assignor to Highway Trailer Company, Edgerton, Wis. Jack for semitrailers. 2,001,411; May 14.
- Davis, Edward A. and M. N., Springfield, Ill. Bucket. 1,997,362; Apr. 9.
- Davis, Edward D., assignor to The Boye Needle Company, Chicago, Ill. Massage pad. 1,987,390; Jan. 8.
- Davis, Edward D., assignor to The Boye Needle Company, Chicago, Ill. Knitting pin. 1,989,352; Jan. 29.
- Davis, Edward D., assignor to The Boye Needle Company, Chicago, Ill. Knitting pin and stitch gauge. 1,989,353; Jan. 29.
- Davis, Edward W., Minneapolis, Minn. Apparatus for concentrating ores. 2,002,978; May 28.
- Davis Emergency Equipment Company. (See Jenness, Leslie G., assignor.)
- Davis, Ernest. (See Braun, P. N., and Davis.)
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Positive two-hand control. 1,991,598; Feb. 19.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Garment or ironing press. 1,994,414; Mar. 12.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Garment or ironing press. 1,994,811; Mar. 19.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Garment or ironing press. 1,999,400; Apr. 30.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Pressing machine. 1,999,445; Apr. 30.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Garment or ironing press. 2,001,128; May 14.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Garment or ironing press. 2,006,068; June 25.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Controlling means for fluid motors. 2,006,629; July 2.
- Davis, Ernest, Syracuse, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Follow-up actuating mechanism for pressing machines. 2,008,752; July 23.
- Davis, Ernest, Syracuse, assignor to The Prosperity Company Inc., Syracuse, N. Y. Garment or ironing press. 2,016,136; Oct. 1.
- Davis, Ernest, and A. Kagi, assignors to The Prosperity Company, Inc., Syracuse, N. Y. Table model pressing machine. 2,003,501; June 4.
- Davis, Ernest W., Oak Park, assignor, by mesne assignments, to Stewart Warner Corporation, Chicago, Ill. Power operated lubricant compressor. 1,997,860; Apr. 16.
- Davis, Ernest W., Oak Park, assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. High pressure barrel pump. 2,022,232; Nov. 26.
- Davis, Ernest W., and R. Wedeberg, assignors to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 1,996,793; Apr. 9.
- Davis Extruded Sash Company. (See Davis, Archibald H., assignor.)
- Davis, Francis W., Belmont, Mass. Double acting servomotor. 2,007,423; July 9.
- Davis & Furber Machine Company. (See Flynn, Edward S., assignor.)
- Davis & Furber Machine Company. (See Owen, Henry A., assignor.)
- Davis & Furber Machine Company. (See Owen, H. A., and Broadhurst, assignors.)
- Davis & Furber Machine Company. (See Randall, Joseph W., assignor.)
- Davis, Garland H. B., Baton Rouge, La., assignor to Standard-I. G. Company. Producing high grade motor fuel by destructive hydrogenation in a series of conversion stages. 1,995,604; Mar. 26.
- Davis, George and J. H., Dallas, Tex. Hose coupling. 2,005,613; June 18.
- Davis, George A., Irvington, assignor to V. N. Roadstrum, West Orange, N. J. Reforming gases. 1,992,909; Feb. 26.
- Davis, George C., Dallas, Tex., assignor to The B. F. Goodrich Company, New York, N. Y. Protected shafting. 2,023,266; Dec. 3.
- Davis, George H., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and making the same. 1,989,742; Feb. 5.
- Davis, Harold E., Kenne, N. H. Chair. 2,022,955; Dec. 3.
- Davis, Harold G., Denver, Colo. Hose valve and nozzle. 2,015,923; Oct. 1.
- Davis, Harvey N., Hoboken, N. J., assignor to H. L. Ingersoll, Stamford, Conn. High pressure boiler. 1,886,561; Jan. 1.
- Davis, Henry F. D., U. S. Navy. Thrust measuring apparatus. 1,998,450; Apr. 23.
- Davis, Henry K., assignor to A. G. Spalding & Bros., New York, N. Y. Ball driving machine. 1,995,170; Mar. 19.
- Davis, Henry M., Portsmouth, Va. Combined coupling and releasing device. 2,017,787; Oct. 15.
- Davis, Homer J., Wilmington, Del. Fiber tube rolling machine. 2,000,065; May 7.
- Davis, Homer J., Wilmington, Del. Feed mechanism for rolling machines. 2,005,853; June 25.
- Davis, Isaac, New York, N. Y. Article and method of treating reclaimed silk. 1,988,375; Jan. 15.
- Davis, Jack H. (See Davis, George and J. H.)
- Davis, James A., and C. L. Moyer, Chicago, Ill., assignors to Parker-Meyer-Dennis Company, Dubuque, Iowa. Sucker machine. 2,005,854; June 25.
- Davis, James H., South Beach, N. Y. Garden ornament. 1,986,562; Jan. 1.
- Davis, James L., Andalusia, Ala., assignor to P. J. Cannon, Cincinnati, Ohio. Combination infant's swing and weighing apparatus. 1,988,166; Jan. 15.
- Davis, James O., Geary, Okla. Supporting device. 2,009,044; July 23.
- Davis, Jesse H., Baltimore, Md. Method of and apparatus for treating grain for extermination of insect life therein. 2,006,265; June 25.
- Davis, Jesse H., Baltimore, Md., assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Air conditioning apparatus and method for passenger cars. 1,999,719; Apr. 30.
- Davis, Jesse H., Baltimore, Md., assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Air conditioning apparatus and method for passenger cars. 1,999,720; Apr. 30.
- Davis, Joseph and D. J., assignors, by mesne assignments, to Walker Corporation, Chicago, Ill. Walking toy. 2,001,013; May 14.
- Davis, Joseph J., Bethel, Vt. Sickle bar for mowing machines. 2,009,339; July 23.
- Davis, Kenneth, Ebensburg, Pa., assignor, by mesne assignments, to Peale-Davis Company, Wilmington, Del. Process and mechanism for separating intermixed divided materials. 1,995,295; Mar. 26.
- Davis, Lawrence, Walpole, Mass. Cloth bolt ticket. 2,001,054; May 14.
- Davis, Lewis, Worcester, assignor to McLaurin-Jones Co., Brookfield, Mass. Decalcomania paper. 2,023,803; Dec. 10.
- Davis, Lewis F. (See Segelhorst, A. L., and Davis.)
- Davis, Mabel E. (See Howell, Charles, assignor.)
- Davis, Marshal E. (See Haldeaman, J. F., and Davis.)
- Davis, Mary V., Manteca, Calif. Device for and method of protecting clothing. 1,996,367; Apr. 2.
- Davis, Merle N. (See Davis, Edward A. and M. N.)
- Davis, Monroe, Blackwell, Okla. Grain cleaning device. 1,995,024; Mar. 19.
- Davis, Myrl N., Appleton, assignor to Paper Patents Company, Neenah, Wis. Paper inspection process and apparatus. 1,991,599; Feb. 19.
- Davis, Norris K., Inc. (See Mason, Alfred E., assignor.)
- Davis, Philip, Brooklyn, N. Y. Helmet cap. 1,994,212; Mar. 12.
- Davis, Rex. (See McElroy, I. E., and Davis.)
- Davis, Richard F., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,024,681; Dec. 17.
- Davis, Robert H., London, England. Submarine lifesaving outfit. 2,001,673; May 14.
- Davis, Robert L., Grand Rapids, Mich., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Three-phase rectifier transformer. 2,001,454; May 14.
- Davis, Robert L., and J. McGinnis, Denver, Colo. Lifting dolly. 2,023,410; Dec. 10.
- Davis, Robert W., Milwaukee, Wis., assignor of twenty per cent to S. P. Buck. Combined front and rear propelling and steering mechanism for aircraft. 1,987,606; Jan. 15.
- Davis, Robert W., Milwaukee, Wis., assignor of twenty per cent to S. P. Buck. Hovering airplane mechanism. 1,987,607; Jan. 15.
- Davis, Roy A., San Antonio, Tex. Screen ladder jack. 2,015,378; Sept. 24.
- Davis, Sam, New York, N. Y. Detachable crotch girdle. 2,016,990; Oct. 8.
- Davis & Sharp. (See Sharp, George A., assignor.)
- Davis, Sidney H., and C. O. Anderson, Baxter Springs, Kans., and R. J. Stengl, Monohans, Tex., assignors to Ozark Chemical Company, Tulsa, Okla. Recovering crystalline salts from solutions. 2,007,956; July 16.
- Davis, Thomas E., Arlington, assignor to J. A. Legasse, Boston, Mass. Liquid dispensing faucet. 2,025,851; Dec. 31.
- Davis, Tobe C. (See Magnus, Harold, assignor.)
- Davis Tool & Engineering Company. (See Davis, Clarence R., assignor.)
- Davis, Vernon J., Buffalo, N. Y. Riddle. 1,987,001; Jan. 8.
- Davis, Waldo L., Hopedale, and D. M. Chase, Wilkinsville, Mass. Cop holding device for loom shuttles. 1,998,433; Apr. 23.
- Davis, Wallace, et al. (See Bullum, Stephen, assignor.)
- Davis, Walter F., Nassau County, assignor to Fairchild Aviation Corporation, New York, N. Y. Engine cooling device. 2,005,336; June 18.

- Davis, Walter G., et al. (See Hornback, Arch E., assignor.)
- Davis, Walter T., and J. A. McGinnis, assignors to Wheeling Stamping Company, Wheeling, W. Va. Method of and apparatus for forming slugs for use in extrusion processes. 1,996,905; Apr. 9.
- Davis Welding & Manufacturing Company, The. (See Lincoln, John G., assignor.)
- Davis, Wesley J., Los Angeles, Calif. Automobile. 2,010,350; Aug. 6.
- Davis, Wilbert F., and G. E. Hitchens, McKeesport, Pa., assignors to National Tube Company. Steel and making the same. 1,986,767; Jan. 1.
- Davis, William A., Milwaukee, Wis. Trench excavator. 2,002,239; May 21.
- Davis, William F., Van Vleet, Miss. Jar holder. 2,009,765; July 30.
- Davis, William H. H., assignor to United States Appliance Corporation, San Francisco, Calif. Hair waving apparatus. 1,990,528; Feb. 12.
- Davis, William H. H., assignor to United States Appliance Corporation, San Francisco, Calif. Hair waving protector. 1,992,357; Feb. 26.
- Davis, William H. H., assignor to United States Appliance Corporation, San Francisco, Calif. Hair waving apparatus. 1,993,876; Mar. 12.
- Davis, William N., and M. M. Holm, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Manufacturing mercaptans. 2,013,203; Sept. 3.
- Davison, Charles H. (See Anderson, William A., assignor.)
- Davison, Charles H., Edgerstone, Princeton, N. J. Construction of rugs of pile fabrics. 2,001,527; May 14.
- Davison, Charles H., Princeton, N. J. Construction of rugs of pile fabrics. 2,001,381; May 14.
- Davison, Robert L., assignor to John B. Pierce Foundation, New York, N. Y. Combined building truss and lighting fixture. 1,997,168; Apr. 9.
- Davison, Robert L., assignor to John B. Pierce Foundation, New York, N. Y. Spandrel truss. 2,000,885; May 7.
- Davison, Robert L., assignor to John B. Pierce Foundation, New York, N. Y. Bathroom unit. 2,004,933; June 18.
- Davission, Delos W., F. G. Welke and A. C. Maynard, assignors to Shell Development Company, San Francisco, Calif. Gas fuel feed device. 2,004,403; June 11.
- Davitt, Harry, New York, N. Y. Combination shirt and suspenders. 1,990,403; Feb. 5.
- Davock, Harlow N., Birmingham, Mich. Plumbing fixture. 1,999,231; Apr. 30.
- D'Avocourt, Pierre de Vitry, Basses-Pyrenees, France. Marble-sawing wire. 2,003,994; June 4.
- Davol Rubber Company. (See Dray, William F., assignor.)
- Davol Rubber Company. (See Little, Jesse.)
- Davol Rubber Co. (See Raiche, Paul A., assignor.)
- Davy, John. (See Walton, N., and Davy.)
- Davy, William J., East Croydon, England. Electrical cut-out. 1,999,124; Apr. 23.
- Daw, Burton G., Webster Groves, Mo. Electroplating apparatus. 2,023,668; Dec. 10.
- Dawe, George S., Mortdale, near Sydney, New South Wales, Australia. Patch vulcanizing outfit. 1,991,380; Feb. 19.
- Dawley, James R., Cleveland, and D. L. Cregar, Avon Village, Ohio. Dusting attachment for printing presses known as an offset machine. 1,986,047; Jan. 1.
- Dawsey, Lynn H., New Orleans, La. Hydrogen peroxide process. 2,022,650; Dec. 3.
- Dawson, Aaron G. (See Small, J. W., Dawson, and Bufington.)
- Dawson, Albert, Lake Worth, Fla. Clamp. 1,996,407; Apr. 2.
- Dawson, Albert J., Sewickley, Pa., assignor to The Dravo Contracting Company. Boat. 2,011,618; Aug. 20.
- Dawson, Carlton W., Taft, Calif. Power wrench for well tubing and rods. 2,000,221; May 7.
- Dawson, Charles W. (See Kruse, J. F. W., Dawson, and Richardson.)
- Dawson, Charles W., Dayton, Ohio. Pressure control apparatus. 2,008,685; July 23.
- Dawson, Charles W., Dayton, Ohio. Automatically controlled fluid pumping mechanism. 2,010,062; Aug. 6.
- Dawson, Elma N. (See Dawson, James C., assignor.)
- Dawson, Frank M. (See Talbot, B. B., Dawson, Carney, and Ratcliff.)
- Dawson, George H., assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,004,570; June 11.
- Dawson, George H., assignor to Wilson-Jones Company, Chicago, Ill. Summary board. 2,006,795; July 2.
- Dawson, George H., assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,017,342; Oct. 15.
- Dawson, George H., Chicago, and F. D. Wedge, Lombard, assignors to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 1,995,735; Mar. 26.
- Dawson, George H., Chicago, and P. O. Unger, Glen Ellyn, assignors to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 1,996,463; Apr. 2.
- Dawson, George H., Chicago, and P. O. Unger, Glen Ellyn, assignors to Wilson-Jones Company, Chicago, Ill. Summary board. 2,000,558; May 7.
- Dawson, James C., assignor to Elma N. Dawson, Webster Groves, Mo. Loose leaf binder. 2,013,552; Sept. 3.
- Dawson, James W., Chicago, Ill. Valve bonnet. 1,994,336; Mar. 12.
- Dawson, James W., assignor to National Sewing Machine Company, Belvidere, Ill. Electrically lighted sewing machine. 2,007,794; July 9.
- Dawson, John W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arc welding apparatus. 1,994,907; Mar. 19.
- Dawson, John W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,008,413; July 16.
- Dawson, John W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,011,970; Aug. 20.
- Dawson, John W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,021,888; Nov. 26.
- Dawson, Joseph C., London, and J. C. Williams, Bedfordshire, England, assignors, by mesne assignments, to The Cleveland Folding Machine Company, Mentor Township, Ohio. Paper handling machine. 1,987,327; Jan. 8.
- Dawson, Joseph W. (See Herold, J. L., and Dawson.)
- Dawson, Raymond W. (See Martin, J. M., and Dawson.)
- Dawson, Samuel H. W., assignor to Marshall, Sons and Company Limited, Gainsborough, England. Starting compression-ignition oil engines. 1,990,427; Feb. 5.
- Dawson, Sidney, assignor to E. L. Stalle, Chicago, Ill., administratrix of the estate of A. P. Stalle, deceased. Automatic circular oven. 2,005,023; June 18.
- Dawson, Thomas R. (See Porritt, B. D., Dawson, and Scott.)
- Dawda, Anton T., Hamilton, Ontario, Canada. Swimming device. 2,010,750; Aug. 6.
- Day, Clayton L., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Floating roof. 2,008,686; July 23.
- Day, Courtenay P., assignor to H. L. Judd Company, Inc., New York, N. Y. Screen. 2,008,579; July 16.
- Day, Fred J., Los Angeles, Calif. Air circulating apparatus. 2,006,069; June 25.
- Day, H. P. & E., Inc. (See Weaver, E. C., and Randall, assignors.)
- Day, J. H., Company, The. (See Kirchhoff, William G., assignor.)
- Day, James A., assignor to Day Pulverizer Company, Knoxville, Tenn. Combined draft and power takeoff frame for rock crushers and the like. 1,985,888; Jan. 1.
- Day, James C., Maplewood, assignor to The Whitehead & Hoag Company, Newark, N. J. Button holder. 2,012,420; Aug. 27.
- Day, Jeremiah C., Lexington, Ky. Garter. 2,001,240; May 14.
- Day, Leonard, New York, N. Y. Automatically modifying the functioning of mechanical movements in sound-on-film motion picture apparatus. 1,989,166; Jan. 29.
- Day, Leonard, New York, N. Y., assignor to Polytechnic Development Corporation. Producing uniform motion in a sound film. 2,003,276; May 28.
- Day, Leslie G., Taplow, assignor to Magnesium Castings and Products Limited, Slough, England. Melting and/or refining of magnesium and magnesium alloys prior to casting, and flux therefor. 2,004,689; June 11.
- Day, Morgan R., Watertown, assignor to Dewey & Almy Chemical Company, Cambridge, Mass. Fiber-rubber product. 2,013,553; Sept. 3.
- Day Pulverizer Company. (See Day, James A., assignor.)
- Day, Ralph B., Akron, Ohio, assignor, by mesne assignments, to Wingfoot Corporation, Wilmington, Del. Vented rubber article. 2,007,825; July 9.
- Day, Roland B., Palos Verdes Estates, Calif., assignor to Universal Oil Products Company, Chicago, Ill. Eliminating impurities from gasoline. 2,001,185; May 14.
- Day, Salisbury M., assignor to General Railway Signal Company, Rochester, N. Y. Power supply system. 1,995,637; Mar. 26.
- Day, Salisbury M., assignor to General Railway Signal Company, Rochester, N. Y. Light signal. 2,002,471; May 21.
- Day, William P., Cleveland, Ohio. Method and apparatus for resurfacing roads. 2,009,542; July 30.
- Daves, Frederick E. (See Chapman, J. F., and Daves.)
- Daves, Frederick E. (See Morris, H. L., and Daves.)
- Daylite Tubes, Inc. (See Cavanaugh, Howard M., assignor.)
- Daylite Tubes, Inc. (See Noble, Aubrey E., assignor.)
- Daynite Highway Marker Co., The. (See Miller, James M., assignor.)
- Dayton Accessories Manufacturing Company, The. (See Smelker, Le Roy, assignor.)
- Dayton Acme Mfg. Co., The. (See Hockner, Curt H., assignor.)
- Dayton Pump & Manufacturing Co., The. (See Eickmeyer, Earl E., assignor.)
- Dayton Pump & Mfg. Company, The. (See Eickmeyer, E. E., and Eichhoff, assignors.)
- Dayton Rubber Manufacturing Company, The. (See Freedlander, Abraham L., assignor.)
- Dayton Rubber Manufacturing Company, The. (See Kremer, Edward H., assignor.)
- Dayton Rubber Mfg. Company, The. (See Rhoades, Charles M., assignor.)
- Dayton Rubber Mfg. Company, The. (See Schmidt, Erwin J., assignor.)
- Dayton Veneer & Lumber Mills. (See James, Oliver M., assignor.)
- Dazey Manufacturing Company. (See Spencer, Roy E., assignor.)

- Deacon, Henry J., Aldwych, London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Quad stranding machine. 1,988,586; Jan. 22.
- Deady, Florentine J., Kansas City, Mo. Container and closure therefor. 2,026,304; Dec. 31.
- Deagan, J. C., Inc. (See Musser, Clair O., assignor.)
- Deakin, Gerald, assignor, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y. Two-party line telephone system. 2,001,095; May 14.
- Deal Electric Co. Inc. (See Eckstein, R., and Polis, assignors.)
- Deal, Erastus C., Wilkes-Barre, Pa. Mechanical adjuster. 1,999,016; Apr. 23.
- De Amicis, Domenic S., Jersey City, N. J. High frequency modulation system. 1,999,686; Apr. 30.
- Dean, Alexander K. (See Otis, C. M., and Dean.)
- Dean, D. Delos. (See Braddock, Lemuel, assignor.)
- Dean, Dale W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Rotary flying shear. 1,991,083; Feb. 12.
- Dean, Dion K., Rahway, and G. C. Holder, Elizabeth, N. J., assignors to Foster Wheeler Corporation, New York, N. Y. Method and apparatus for cooling liquid. 1,991,733; Feb. 19.
- Dean, Dion K., Rahway, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Air conditioning. 2,025,937; Dec. 31.
- Dean, Dion K., Rahway, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Refrigeration. 2,020,460; Nov. 12.
- Dean, Doris B., executrix. (See Dean, William E., Jr.)
- Dean, Edmund W., assignor to Duplex Printing Press Company, Battle Creek, Mich. Paper folding machine. 1,993,652; Mar. 5.
- Dean, Edward E., and O. C. Berry, assignors to Marvel Carburetor Company, Flint, Mich. Thermostatically and suction controlled mixture temperature device. 2,004,093; June 11.
- Dean, Elizabeth J., St. Louis, Mo. Kitchen implement. 2,004,782; June 11.
- Dean, George H., Norwood, R. I. Built-up column and making the same. 2,007,597; July 9.
- Dean, Herbert, Pittsburgh, assignor to Federal Enameling & Stamping Co., McKees Rocks, Pa. Cooking utensil. 1,994,576; Mar. 19.
- Dean, Hugh. (See Marshall, B. D., Dean, and Moorhead.)
- Dean, Hugh, assignor to General Motors Corporation, Detroit, Mich. Automatic forging or pressure machine. 1,996,819; Apr. 9.
- Dean, John, assignor to John Oster Manufacturing Company, Racine, Wis. Hair clipper. 2,014,882; Sept. 17.
- Dean, John N. (See Smith, W. S., Garnett, Channon, and Dean.)
- Dean, John N. (See Smith, W. S., Garnett, Dean, Habgood, and Channon.)
- Dean, Reginald S., Washington, D. C., and J. Gross, Salt Lake City, Utah. Pulverizing mineral substances or aggregates. 2,010,981; Aug. 13.
- Dean, Thomas H., Woodward, Okla. Tractor wheel. 1,994,065; Mar. 12.
- Dean, Walter A. (See Kempf, L. W., and Dean.)
- Dean, Walter C., Chevy Chase, Md. Automatic tension winch. 2,008,687; July 23.
- Dean, Wilbur J., North Kansas City, Mo. Manufacturing articles from latex. 1,995,767; Mar. 26.
- Dean, William E., Hamilton, Ontario, Canada, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Empty and load brake. 1,986,464; Jan. 1.
- Dean, William E., Jr., deceased, late of Hamilton, Ontario, Canada, by D. B. Dean, executrix, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Retaining valve device. 2,021,838; Nov. 19.
- Dean, William E., Strathfield, New South Wales, Australia, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,994,192; Mar. 12.
- Dean, William T., assignor to Calicel Products, Inc., Chicago, Ill. Insulating building and sound absorbing material. 2,014,065; Sept. 10.
- DeAndrés, Zacarias M., Madrid, Spain. Arrangement for transferring trucks. 2,016,629; Oct. 8.
- Deane, Richard T., Riondel, British Columbia, Canada. Brake testing machine. 2,022,340; Nov. 26.
- Deanesly, Richard M., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Halogenation process. 1,991,600; Feb. 19.
- Deanesly, Richard M., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Selective removal of tertiary olefines. 2,010,389; Aug. 6.
- Deanesly, Richard M., and W. Engs, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Preparation of substantially pure tertiary olefines. 2,012,785; Aug. 27.
- DeAngelis, Charles. (See Greco, Bruno, assignor.)
- Deans, Frederick E., and C. F. Manger, assignors to The Bentley Engineering Company, Limited, Leicester, England. Circular knitting machine. 2,019,396; Oct. 29.
- Dearborn, Charles A., assignor to American Blind Stitch Machine Company, New York, N. Y. Work supporting means for sewing machines. 2,000,929; May 14.
- Dearborn Company, The. (See Kelly, G. N., and Wuenn, assignors.)
- Dearborn Company, The. (See Wokosin, Louis W., assignor.)
- Dearcopp, Charles. (See Dubitsky, S., Adler, Grieshaber, Dearcopp, and Wood.)
- Dearden, Arthur W., et al., executor. (See Callahan, Michael J.)
- Dearing, Melville C., Palatine, assignor to Economy Fuse & Manufacturing Company, Chicago, Ill. Moldable urea-formaldehyde reaction products and preparing same. 2,016,594; Oct. 8.
- Dearing, Melville C., Palatine, assignor to Economy Fuse & Manufacturing Company, Chicago, Ill. Water insoluble urea reaction product and preparing same. 2,016,595; Oct. 8.
- "Deback" Deutsche Backmittel Gesellschaft mit beschränkter Haftung. (See Quaschnig, C. G., and Hundertmark, assignors.)
- De Back, William, assignor to Food Machinery Corporation, San Jose, Calif. Grading apparatus. 1,994,756; Mar. 19.
- Debaecker, Gaston L., Paris, France. Device for taking up the wear of pieces. 1,991,795; Feb. 19.
- De Bakey, Michael E., and C. E. Schmidt, assignors of one-third to G. D. Lilly, New Orleans, La. Surgical pump. 2,018,998; Oct. 29.
- De Bakey, Michael E., and C. E. Schmidt, assignors of one-third to G. D. Lilly, New Orleans, La. Surgical pump. 2,018,999; Oct. 29.
- De Bats, Jean H. L., East Orange, N. J. Treating metals. 1,986,426; Jan. 1.
- De Bats, Jean H. L., East Orange, N. J. Safety razor blade. 1,988,167; Jan. 15.
- De Bats, Jean H. L., East Orange, N. J. Forming rolls. 1,989,186; Jan. 29.
- De Bats, Jean H. L., East Orange, N. J. Refractory metal compound and making the same. 1,993,598; Mar. 5.
- De Bats, Jean H. L., East Orange, N. J. Centrifugal casting of carbide and like materials. 1,993,774; Mar. 12.
- De Bats, Jean H. L., East Orange, N. J. Blade drawing die. 2,016,770; Oct. 8.
- De Baufre, William L., Lincoln, Nebr. Method of and apparatus for separating and purifying helium from a gaseous mixture. 2,012,080; Aug. 20.
- De Baufre, William L., Orange, N. J., assignor to International Combustion Engineering Corporation, New York, N. Y. Boiler installation. 2,015,338; Sept. 24.
- De Beaufort, Jean M. E., Paris, France, and A. Lederer, deceased, Vienna, Austria; C. Danzer and General C. Randa, executors, assignors of the entire right of A. Lederer, to E. A. Lederer, Glen Ridge, N. J. Electric rare gas filled lamp. 2,018,347; Oct. 22.
- De Beer, Frederick S., Albany, N. Y. Seam construction. 1,988,722; Jan. 22.
- De Bellescize, Henri J. J. M. de R., Neuilly-sur-Seine, France. Signaling. 1,993,241; Mar. 5.
- De Bellescize, Henri J. J. M. de R., Paris, France, assignor to Radio Corporation of America, New York, N. Y. Fading regulator. 2,011,930; Aug. 20.
- De Benedetto, Salvatore F., Brooklyn, N. Y. Bathing suit. 2,013,554; Sept. 3.
- De Bersaques, Romain, Seattle, Wash., assignor to Steiner Sales Company, Chicago, Ill. Towel supply device. 1,988,266; Jan. 15.
- De Beukelaer, Frank L. (See Newton, R. C., and De Beukelaer.)
- De Blasio, Michele, Wilkes-Barre, Pa. Foot aerating device. 2,003,646; June 4.
- De Blieux, Earl V., Pittsfield, Mass., assignor to General Electric Company. Electric translating system. 2,009,166; July 23.
- Deblieux, John D., and J. A. Dunbar, Opelousas, La. Hydraulic brake system. 2,020,770; Nov. 12.
- De Boer, Arnaud G. (See Bonney, R. D., and de Boer.)
- DeBoer, Christian. (See Berliner, H. A., and DeBoer.)
- De Boer, Gerhardt A., Brooklyn, N. Y. Gauge for storage batteries. 1,995,883; Mar. 26.
- De Boer, Jan H. (See van der Willigen, P. C., de Boer, and Dippel.)
- De Boer, Jan H., and C. J. Dippel, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Providing a carrier with a light sensitive substance and article produced thereby. 1,999,088; Apr. 23.
- De Boer, Jan H., and M. C. Teves, Eindhoven, Netherlands, assignors to Radio Corporation of America. Photoelectric tube. 2,003,344; June 4.
- De Boer, John H., Syracuse, N. Y. Utility truck dolly. 1,999,172; Apr. 30.
- De Boer, Rudolph F., Grand Rapids, Mich. Ash receiver. 2,000,275; May 7.
- DeBogory, Eugene, Dallas, Tex. Pulsator for receptors or depurators. 2,012,224; Aug. 20.
- De Bolt, Minor T., Bakersfield, and J. E. Robertson, Los Angeles, Calif. Brake. 1,999,286; Apr. 30.
- De Bothezat, George, assignor to American Machine and Metals, Inc., New York, N. Y. Fan. 2,004,571; June 11.
- De Bou, Herbert G., and C. S. Thicke, Vancouver, British Columbia, Canada. Log trailer. 2,001,839; May 21.
- De Brey, Heinrich W. K. (See ten Brink, Barend A. J., assignor.)
- Debrey, Michael, Burlington, Iowa. Voltage regulator. 1,989,084; Jan. 29.
- Debie, André L. V. C., Paris, France. Safety closing circuit device for preventing stuffing in cinematographic apparatus. 1,988,980; Jan. 22.
- Debie, André L. V. C., Paris, France. Drive for cinematographic films. 1,988,981; Jan. 22.

- De Bruin, Aart. (See Klinkhamer, H. A. W., de Bruin and van Stekelenburg.)
- De Bruin, Aart. (See Uytterhoeven, W., and de Bruin.)
- De Bruin, Gerrit, Ouderkerk-on-the-Amstel, Gem. Nieuwer Amstel, assignor of one-half to Naamlooze Vennootschap Nederlandsche Springstoffenfabrieken, Amsterdam, Netherlands. Flash eliminator for guns. 2,010,178; Aug. 6.
- De Bruyn, Cornelis B., assignor to Shell Development Company, San Francisco, Calif. Fertilizing soil. 2,020,824; Nov. 12.
- De Bruyne, Jacob. (See Santiago, M. C., and de Bruyne.)
- Debs, Hanna T., Dubois, Pa., assignor of one-half to J. Mandas, Wilmington, Del. Grave marker. 2,013,377; Sept. 3.
- De Bucci, Felix, Providence, R. I. Garment hem marker. 2,022,931; Dec. 3.
- Debuch, Carl P., and E. Markworth, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Process of and apparatus for the heat treatment of substances in rotary tube furnaces. 2,005,648; June 18.
- Debuch, Carl P., Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Apparatus for the performance of chemical reactions, such as roasting, calcining, or the like. 2,019,397; Oct. 29.
- Debus, Sander, Hastings, Nebr., assignor to The Micro Corporation, Bettendorf, Iowa. Bread slicing machine. 2,011,475; Aug. 13.
- Decarie Incinerator Corporation. (See McEver, William L., assignor.)
- Decarie Incinerator Corporation. (See Shemwell, D., and Webb, assignors.)
- De Cew, Judson A., Mount Vernon, N. Y. Defibering lignocellulose material. 1,993,148; Mar. 5.
- Dechau, Otto W., assignor to Artercraft Optical Co., Rochester, N. Y. Nose pad support for eyeglass and spectacle frames. 2,026,273; Dec. 31.
- De Christmas Dirckinck de Holmfeld, John E. (See Kalhaus, E., de Christmas Dirckinck de Holmfeld, and Valdemar.)
- De Christmas, Dirckinck de Holmfeld, Valdemar. (See Kalhaus, E., de Christmas de Holmfeld, and Valdemar.)
- Decline, J. P., Manufacturing Co. Inc. (See Murphy, Frank R., assignor.)
- Deckel, Friedrich. (See Zwick, Kurt, assignor.)
- Decker, Elmer A., Dallas, Tex. Sign. 1,994,016; Mar. 12.
- Decker, George, Cleveland, Ohio. Supporting apparatus. 2,024,760; Dec. 17.
- Decker, George C., Binghamton, N. Y. Facial inhaler for detecting halitosis. 2,009,355; July 23.
- Decker, Gustav, Berlin, Germany, assignor, by mesne assignments, to General Electric Company. Combustion control. 1,987,433; Jan. 8.
- Decker, Harry R., Houston, assignor of one-half to M. E. Stewart, Harris County, Tex. Casing protector. 2,016,077; Oct. 1.
- Decker, James W., New York, N. Y. Multiple stock quotation projecting machine. 1,989,085; Jan. 29.
- Decker, James W., New York, N. Y. Stock quotation projecting machine. 2,001,710; May 21.
- Decker, James W., New York, N. Y. Ticker tape controlling means. 2,017,655; Oct. 15.
- Decker, Josef B., Elkton, Md. Safety pyrotechnics. 1,992,690; Feb. 26.
- Decker, Joseph. (See Cornia, Kenneth B., assignor.)
- Decker, Joseph B., and H. C. Clauser, Elkton, Md. Pyrotechnic composition. 2,012,866; Aug. 27.
- Deckert, Danvers O. C., University City, Mo. Candle and protecting case therefor. 2,025,096; Dec. 24.
- Decombe, Georges. (See De Saint Rapt, J., and Decombe.)
- Decora Manufacturing Company, The. (See Becker, Julius H., assignor.)
- Decorative Development, Inc. (See Huggins, O. R., and Snell, assignors.)
- Decorative Development, Inc. (See Pöschel, Alfred B., assignor.)
- De Coriolis, Ernest G. (See Hepburn, W. M., and de Coriolis.)
- De Coriolis, Ernest G., and H. W. Schramm, assignors to Surface Combustion Corporation, Toledo, Ohio. Heat treating furnace. 1,997,680; Apr. 16.
- De Costa, Frank, Jackson Heights, N. Y. Duplicate bridge table. 1,991,015; Feb. 12.
- De Coutouly, Gustave C., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable attenuator. 2,014,228; Sept. 10.
- De Coux, Abel, Ged. La. Bracket for attaching insulators to channel irons and I-beams. 1,996,326; Apr. 2.
- De Croce, Genaro, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Synchronizing apparatus. 1,994,908; Mar. 19.
- Dedek, Jaroslav, and J. Vašatko, Brunn, Czechoslovakia. Removing colloidal substances from liquids of vegetable or animal origin. 2,007,424; July 9.
- Dederer, Richard, Stuttgart, Germany, assignor to the firm Kapital & Industriewerte A. G., Basel, Switzerland. Modification of the electrically driven percussion drill. 2,016,829; Oct. 8.
- Dederick, Clinton H., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Multispeed split phase motor. 1,996,571; Apr. 2.
- Dedieu, Jean, Paris, France. Machine of the torus type. 1,999,752; Apr. 30.
- De Directie van de Staatsmijnen in Limburg. (See Berkhoff, Gerrit, Jr., assignor.)
- De Dubois, Conchita M. G., Los Angeles, Calif. Costume. 2,011,800; Aug. 20.
- Dee, Thomas J., and G. Company. (See McCoy, John R., assignor.)
- Deems, Edward M., Forest Hills, N. Y., assignor to Railroad Accessories Corporation, New York, N. Y. Rail bond. 1,988,302; Jan. 15.
- Deems, Edward M., Forest Hills, assignor to Railroad Accessories Corporation, New York, N. Y. Rail bond. 2,025,026; Dec. 24.
- Deepwater Chemical Co. (See Girvin, Charles W., assignor.)
- Deer, Atlee C., Birmingham, Ala. Bituminous concrete revetment. 1,991,196; Feb. 12.
- Deere & Company. (See Anderson, Ralph L., assignor.)
- Deere & Company. (See Bornstein, Hyman, assignor.)
- Deere & Company. (See Borst, Walter J., assignor.)
- Deere & Company. (See Brown, Theophilus, assignor.)
- Deere & Company. (See Brown, T., and Murray, assignors.)
- Deere & Company. (See Carlson, Oscar F., assignor.)
- Deere & Company. (See Coultas, Wilbur J., assignor.)
- Deere & Company. (See Coultas, W. J., and Andrews, assignors.)
- Deere & Company. (See Court, Frank T., assignor.)
- Deere & Company. (See Dieterich, Arthur B., assignor.)
- Deere & Company. (See Johnson, Ellsworth T., assignor.)
- Deere & Company. (See Paradise, Louis A., assignor.)
- Deere & Company. (See Paradise, L. A., Coultas, and Andrews, assignors.)
- Deere & Company. (See Paul, Talbet W., assignor.)
- Deere & Company. (See Silver, Walter H., assignor.)
- Deere & Company. (See Strandlund, Carl G., assignor.)
- Deere & Company. (See Swanson, Stanley S., assignor.)
- Deere & Company. (See Thiemann, William B., assignor.)
- Deere & Company. (See Thomann, Frederick A., assignor.)
- Deere & Company. (See Tuft, Miles H., assignor.)
- Deere & Company. (See White, Charles H., assignor.)
- Deere, John, Tractor Company. (See Cade, John E., assignor.)
- Deere, John, Tractor Company. (See Lesser, Nathan, assignor.)
- Deere, John, Tractor Company. (See McCormick, Elmer, assignor.)
- Deeren, Kemp K., Gas City, Ind., assignor to Owens-Illinois Glass Company. Method and apparatus for packing bottles and other articles. 2,013,555; Sept. 3.
- Dees, Charlie M. (See Gurley, Robert L., assignor.)
- Deese, Robert F., Jr. (See Downing, F. B., Clarkson, and Deese.)
- Deeter, Dorsey D., Dayton, Ohio. Adapter. 2,007,521; July 9.
- De Faveri, Serafino, and R. Cimatti, assignors to Monocap Limited, London, England. Sealing device for collapsible tubes and the like. 2,006,235; June 25.
- Defenbaugh, Loyd F., Oklahoma City, assignor to Phillips Petroleum Company, Bartlesville, Okla. Adjustable orifice valve. 2,014,314; Sept. 10.
- De Ferranti, Gertrude R. Z., executrix. (See de Ferranti, Sebastian Z.)
- De Ferranti, Sebastian Z., deceased, Hollinwood, by G. R. Z. de Ferranti, Upper Basildon, Pangbourne, England, executrix, assignor to Ferranti Inc., New York, N. Y. Spinning, doubling, and twisting machinery. 2,008,064; July 16.
- De Ferranti, Sebastian Z., deceased, Hollinwood, England, by G. R. Z. de Ferranti, executrix, Upper Basildon, Pangbourne, England, assignor to Ferranti Inc., New York, N. Y. Spinning, doubling, and twisting machinery. 2,010,179; Aug. 6.
- De Ferranti, Vincent Z., Hollinwood, England, assignor to Ferranti Inc., New York, N. Y. Thermal storage heating system. 2,010,180; Aug. 6.
- Deffrenne, Paul. (See Dhôme, Alfred, assignor.)
- Defiance Manufacturing Corporation. (See Phinney, Edgar E., assignor.)
- Defiance Spark Plugs, Inc. (See Dutterer, Rex J. L., assignor.)
- De Florez, Luis. (See Gray, James W., assignor.)
- De Florez, Luis, New York, N. Y. Burner. 1,986,796; Jan. 8.
- De Florez, Luis, New York, N. Y. Compass mounting. 1,994,885; Mar. 19.
- De Florez, Luis, Pomfret, Conn. Apparatus for indicating or controlling physical changes. 2,005,773; June 25.
- De Florez, Luis, Pomfret, Conn. Fractionating tower. 2,006,986; July 2.
- De Florez, Luis, Pomfret, Conn., assignor to The Texas Company, New York, N. Y. Furnace. 1,989,612; Jan. 29.
- De Florez, Luis, Pomfret, Conn., assignor to The Texas Company, New York, N. Y. Converting hydrocarbon oils. 2,001,301; May 14.
- De Florez, Luis, Pomfret, Conn., assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbon oils. 2,003,137; May 28.
- De Florez, Luis, Pomfret, Conn., assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,024,996; Dec. 17.

- De Florez, Luis, Pomfret, Conn., and E. Bach, New York, N. Y.; said Bach assignor to said De Florez. Apparatus for indicating and/or controlling physical changes. 1,994,983; Mar. 19.
- De Flumere, Michael J. (See De Flumere, Samuel J. and M. J.)
- De Flumere, Samuel J. and M. J., Revere, Mass. Range oil burner. 2,007,181; July 9.
- Deford, Paul F., Pasadena, Calif. Ant poison feeder. 1,991,547; Feb. 19.
- Deford, Paul F., assignor to D 4 Drug Company, Ltd., Pasadena, Calif. Swab. 2,006,539; July 2.
- De Forest, Lee, assignor to General Talking Pictures Corporation, New York, N. Y. Apparatus for reproducing sound-on-film. 1,992,201; Feb. 26.
- De Forest, Lee, Hollywood, Calif., assignor to American Television Laboratories, Inc. Television receiving and projecting. 2,003,680; June 4.
- De Frees, Nicholas W., Hastings, Minn., assignor to H. D. Hudson Manufacturing Company, Chicago, Ill. Spraying device. 2,001,455; May 14.
- De Fries, Walter, assignor to The William B. Pollock Company, Youngstown, Ohio. Metallic structure and making the same. 2,003,138; May 28.
- De Gange, Anthony. (See Colgan, R. J., and De Gange.)
- De Gauge, Charles L. E., Jr. (See Linder, J. A., and de Gauge.)
- Degemeyer, Franz, Dusseldorf, Germany, assignor, by mesne assignments, to Industry Issue and Finance Company Limited, London, England. Packing for bottles. 2,023,518; Dec. 10.
- Degen, Frederick I., Leonardsville, N. Y. Agricultural implement. 2,014,017; Sept. 10.
- Degerth, John G., assignor to Maskin-Och Brobyggnads Aktiebolaget, Helsingfors, Finland. Pulsator for milking machines. 2,021,839; Nov. 19.
- De Giers, Clarence A., Forest Hills, assignor, by mesne assignments, to Richard C. Murphy, New York, N. Y. Remote indicating pressure gauge. 2,013,138; Sept. 3.
- De Graff, Grace C., Des Moines, Iowa. Urinary receptacle. 2,024,341; Dec. 17.
- De Groot, Willem, and M. H. Druyvesteyn, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge device. 2,001,528; May 14.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,988,832; Jan. 22.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,988,834; Jan. 22.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,994,758; Mar. 19.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,015,260; Sept. 24.
- De Groote, Melvin, St. Louis, and A. F. Wirtel, Richmond Heights, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,988,835; Jan. 22.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,988,833; Jan. 22.
- De Groote, Melvin, St. Louis, and B. Keiser, Webster Groves, assignors to Tretolite Company, Webster Groves, Mo. New composition of matter. 2,020,998; Nov. 12.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to Tretolite Company, Webster Groves, Mo. Sulpho-fatty body. 2,020,999; Nov. 12.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,023,993; Dec. 10.
- De Groote, Melvin, St. Louis, and A. F. Wirtel, Richmond Heights, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,023,994; Dec. 10.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,023,995; Dec. 10.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,023,996; Dec. 10.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,023,997; Dec. 10.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to Tretolite Company, Webster Groves, Mo. Oxidized product of water-insoluble hydroxylated fatty acids. 2,025,803; Dec. 31.
- De Groote, Melvin, St. Louis, B. Keiser, Webster Groves, and A. F. Wirtel, Richmond Heights, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,025,804; Dec. 31.
- De Groote, Melvin, St. Louis, B. Keiser, Webster Groves, and A. F. Wirtel, Richmond Heights, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,025,805; Dec. 31.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to Tretolite Company, Webster Groves, Mo. Producing oxidation products of castor oil and the like. 2,025,806; Dec. 31.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to Tretolite Company, Webster Groves, Mo. Producing certain oxidation products of castor oil and the like. 2,025,807; Dec. 31.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to Tretolite Company, Webster Groves, Mo. Producing certain oxidation products of castor oil and the like. 2,025,808; Dec. 31.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to Tretolite Company, Webster Groves, Mo. Producing certain oxidation products of castor oil and the like. 2,025,809; Dec. 31.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,026,217; Dec. 31.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,026,218; Dec. 31.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,026,219; Dec. 31.
- Deguara, Vincent, assignor of twenty one-hundredths to B. P. Andrews and thirty one-hundredths to B. M. Perkins, Detroit, Mich. Timing and operating mechanism for electrical appliances. 1,986,960; Jan. 8.
- Deguenther, Edward J., Milwaukee, Wis. Oil-treating device. 2,014,800; Sept. 17.
- De Hart, James, Winston-Salem, N. C. Football strategy and game apparatus. 1,992,475; Feb. 26.
- De Hart, William A. (See Binns, E. H., and De Hart.)
- De Hart, William E., St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,013,036; Sept. 3.
- De Hart, William E., St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting shoes. 2,013,037; Sept. 3.
- De Haven, Floyd V., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway car door track. 2,023,873; Dec. 10.
- De Haven, Floyd V., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway car door track. 2,023,874; Dec. 10.
- Dehn, George J., Chicago, Ill. Grease trap. 2,003,139; May 28.
- Dehn, George J., Chicago, Ill., Grease trap. 2,003,140; May 28.
- Dehne & Co. Orbono-Gesellschaft. (See Janke, Paul, assignor.)
- Dehnert, Heinrich. (See Ulrich, H., Dehnert and Fries.)
- Dehnert, Heinrich Oggersheim, and W. Krey, Uerdingen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of hydroxy-alkyl compounds. 1,996,003; Mar. 26.
- Dehuft, Walter F., Glen Rock Pa., assignor to American Machine & Foundry Company. Whisk. 1,998,120; Apr. 16.
- De Hymel, Leo, Pasadena, Calif. Grater. 2,016,596; Oct. 8.
- Deichsel, Stanislaus, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Halogen alkenyl phenols and manufacture thereof. 2,002,447; May 21.
- Deicke, Walter, Lombard, Ill. Spreading attachment for dump trucks. 1,994,812; Mar. 19.
- Deibel, Cyril P., Lakewood, Ohio. Dry cell and seal therefor. 2,015,379; Sept. 24.
- Deiller, Eugene M., Newark, N. J.; M. Hoffmann, administratrix of said E. M. Deiller, deceased. Faucet. 2,008,657; July 16.
- Deinet, Joseph. (See Goodrich, R. J., and Deinet.)
- Deinet, Joseph, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuff of the anthraquinone series. 2,019,846; Nov. 5.
- Deinstein, Abraham, Chicago, Ill. Playing card holder. 1,996,234; Apr. 2.
- Deisch, Noel, Washington, D. C., assignor of one-half to Thos. E. Stone, Jr., New York, N. Y. Adjusting effective incremental permeability of magnetic circuits. 2,000,378; May 7.
- Deisch, Noel, Washington, D. C., assignor of one-half to Thos. E. Stone, Jr., New York, N. Y. Method of and apparatus for the formation of images. 2,000,379; May 7.
- Deisch, Noel, Washington, D. C., assignor of one-half to Thos. E. Stone, Jr., New York, N. Y. Apparatus for the formation of images. 2,000,380; May 7.
- Deister Concentrator Company, The. (See Weber, Don A., assignor.)
- Deister, Emil E. (See Deister, Emil and E. E.)
- Deister, Emil, and E. E. Deister, assignors to Deister Machine Company, Fort Wayne, Ind. Vibrating screen. 2,014,128; Sept. 10.
- Deister Machine Company. (See Deister, Emil and E. E., assignors.)
- De Jahn, Fredrik W., and J. D. Janssen, New York, N. Y. Producing SO₂. 1,992,295; Feb. 26.
- DeJahn, Fredrik W., New York, assignor to F. A. Bower, Bayside, N. Y. Apparatus for forming nitrogen oxides. 2,016,810; Oct. 8.
- De Javannes, Francis J., New York, N. Y. Fireman's protector. 2,016,137; Oct. 1.
- De Jong, Hendrik. (See Six, W., Vermeulen and de Jong.)
- DeKay, Frank W., Detroit, Mich. Brake. 2,019,524; Nov. 5.

- De Koning, Arthur E., Portland, Oreg. Mechanical movement. 2,007,563; July 9.
- DeKoning, Arthur E., Portland, Oreg. Trimmer saw. 2,016,799; Oct. 8.
- Delachaux, Clarence L., Gennevilliers, assignor to Acieries de Gennevilliers, Anciens Etablissements Delachaux, Gennevilliers, France. Steel welding method. 2,017,788; Oct. 15.
- De la Cierva, Juan, Madrid, Spain, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft having rotative sustaining means. 1,988,836; Jan. 22.
- De la Cierva, Juan, Madrid, Spain, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft. 1,990,269; Feb. 5.
- De la Cierva, Juan, Madrid, Spain, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft with rotatively mounted sustaining wings. 1,994,465; Mar. 19.
- De la Cierva, Juan, Madrid, Spain, assignor to Autogiro Company of America, Philadelphia, Pa. Autorotative wing aircraft. 1,996,750; Apr. 9.
- De la Cierva, Juan, Madrid, Spain, assignor to Autogiro Company of America, Philadelphia, Pa. Autorotative-winged aircraft. 1,999,136; Apr. 23.
- De la Croix, Alfred G., Springfield, Mass. Ventilating apparatus. 1,998,657; Apr. 23.
- DeLacy-Mulhall, Patrick, Los Angeles, Calif. Valve controlling system. 2,004,194; June 11.
- De La Garde, Theodor M., Los Angeles, assignor of three-fourths to T. L. Tally, Beverly Hills, Calif. Motion picture camera. 2,023,411; Dec. 10.
- Delahaye, Walter H., Ottawa, Ontario, Canada, assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,998,658; Apr. 23.
- Delahaye, Walter H., Ottawa, Ontario, Canada, assignor to Bendix Brake Company, South Bend, Ind. Automobile brake. 2,015,713; Oct. 1.
- De La Mater, Robert G., Parkersburg, W. Va., assignor to The Parkersburg Rig & Reel Company. Brake system for drilling equipment. 1,992,910; Feb. 26.
- De La Mater, Robert G., Parkersburg, W. Va., assignor to The Parkersburg Rig & Reel Company. Hydrodynamic brake for hoists and the like. 1,992,911; Feb. 26.
- De La Mater, Robert G., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Brake system for drilling equipment. 1,992,912; Feb. 26.
- De La Mater, Robert G., and W. Schwemlein, Parkersburg, W. Va., assignors to The Parkersburg Rig & Reel Company. Method and apparatus for controlling resistance of hydrodynamic brakes. 1,985,889; Jan. 1.
- Delamere Company. (See Eisler, Henry, assignor.)
- Delamere Company. (See Goodman, Jacob, assignor.)
- Delamere Company. (See Kayn, Stephen F., assignor.)
- De Lancy, Ralph W., and J. H. Rothenberger, assignors to Par Appliances, Inc., La Crosse, Wis. Process and device for supplying heated humidified air. 1,995,341; Mar. 26.
- De Lancy, Ralph W., Winona, Minn. Control mechanism for burners. 2,021,647; Nov. 19.
- DeLaney, Wallace W., New Haven, and W. R. Weeks, Hamden, Conn., assignors to The Seamless Rubber Company, Incorporated, New Haven, Conn. Electric heating pad. 2,018,512; Oct. 22.
- De Lancy, Warren H. (See Elliott, D. C., and De Lancy.)
- De Lancy, Warren H. (See Logan, J. A., and De Lancy.)
- De Lancy, Warren H. (See Shaw, B. E., and De Lancy.)
- De Lancy, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 1,985,918; Jan. 1.
- De Lancy, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 2,022,932; Dec. 3.
- Deland, Benjamin. (See Schmitt, Frederick H., assignor.)
- Delaney, Andrew E., Ashland, Wis. Brake beam safety hanger. 2,006,884; July 2.
- Delaney, Thomas W., St. Paul, Minn. Differential pressure amplifier and flow controller. 1,991,663; Feb. 19.
- De Lange, Hendrik B. M., Nijmegen, Netherlands. Track shifting device. 2,003,252; May 28.
- De Lange, Orrel, Provo, Utah. Egg crate packing device. 2,011,892; Aug. 20.
- De Lange, Samuel. (See von Forster, H., and de Lange.)
- Delano, Frederic A., Washington, D. C. Transparent body. 2,009,167; July 23.
- Delano, James K., New York, N. Y. Transformer coupled induction heater. 1,999,446; Apr. 30.
- Delano, James K., New York, N. Y. Portable gear case cleaner. 2,001,302; May 14.
- Delano, James K., New York, N. Y. Adjustable cleaner stand. 2,013,204; Sept. 3.
- Delano, James K., New York, N. Y. Adjustable support for cleaners. 2,023,007; Dec. 3.
- Delano, James K., Yonkers, N. Y. Oil proofing composition. 2,025,729; Dec. 31.
- Delano, Walter E., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Abrading tool. 2,022,759; Dec. 3.
- De Lanty, Loren J., Spring Valley, assignor to Sperry Products, Inc., Brooklyn, N. Y. Detecting flaws in electrical conductors. 1,996,906; Apr. 9.
- Delany, Albanus G. (See Rowron, C. E., and Delany.)
- Delany, Albanus G., and G. N. Hughes, Alabama City, Ala., assignors, by mesne assignments, to The American Rolling Mill Company, Middletown, Ohio. Automatic sheet rolling mill. 2,010,715; Aug. 6.
- De la Roza Corporation. (See de la Roza, Joaquin J., Sr., assignor.)
- De la Roza, Joaquin J., Sr., Tuinucu, Cuba, assignor to de la Roza Corporation, Wilmington, Del. Apparatus for producing cellulose. 1,991,243; Feb. 12.
- De la Roza, Joaquin J., Sr., New York, N. Y., assignor to de la Roza Corporation, Wilmington, Del. Method and apparatus for digesting cellulose bearing material. 1,991,244; Feb. 12.
- De la Roza, Joaquin J., Sr., Plandome, N. Y., assignor to de la Roza Corporation, Wilmington, Del. Producing cellulose. 1,991,245; Feb. 12.
- De la Roza, Joaquin J., Sr., Great Neck, N. Y., assignor to De la Roza Corporation, Wilmington, Del. Digesting apparatus. 2,011,799; Aug. 20.
- Delas, Rene L., Courbevoie, France, assignor to General Electric Company. Gaseous electric discharge device. 1,990,169; Feb. 5.
- De Lasaux, Cecil F., Milwaukee, Wis. Stratosphere flying suit. 1,991,601; Feb. 19.
- De Laval Separator Company, The. (See Andersson, Gustav H., assignor.)
- De Laval Separator Company, The. (See Ashworth, Daniel I., assignor.)
- De Laval Separator Company, The. (See Corderoy, Neel, assignor.)
- De Laval Separator Company, The. (See Erling, Sven J., assignor.)
- De Laval Separator Company, The. (See Flowers, Alan E., assignor.)
- De Laval Separator Company, The. (See Flowers, A. E., and Strezynski, assignors.)
- De Laval Separator Company, The. (See Hapgood, Cyrus H., assignor.)
- De Laval Separator Company, The. (See Lindgren, Hans O., assignor.)
- De Laval Separator Company, The. (See Miller, Theodore H., assignor.)
- De Laval Separator Company, The. (See Sangster, William, assignor.)
- De Laval Separator Company, The. (See Strezynski, George J., assignor.)
- De Laval Separator Company, The. (See Strezynski, G. J., and Kronasser, assignors.)
- DeLaval Separator Company, The. (See Walch, Henri, assignor.)
- De Laval Steam Turbine Company. (See Birmann, Rudolph, assignor.)
- De Laval Steam Turbine Company. (See Kennedy, Frank W., assignor.)
- De Laval Steam Turbine Company. (See Peterson, Arvid, assignor.)
- DeLaval-Crow, Thomas C., Bristol, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Bearing and guard therefor. 2,000,276; May 7.
- Delaware Chemical Engineering Company. (See Kasley, Alexander T., assignor.)
- Delbon, Frank G., Brooklyn, N. Y. Arch supporting sole unit. 1,985,919; Jan. 1.
- Delco-Light Company. (See Hetherington, Sidney W., assignor.)
- Delecourt, Henri. (See Kuntziger, J., Delecourt, and Ralson.)
- De Leeuw, Adolph L., Plainfield, N. J. Machine for cutting or grinding helical gears. 1,986,797; Jan. 8.
- Delemme, Cyrille A., Paris, France. Apparatus for the conditioning of substances. 1,995,966; Mar. 26.
- Delépine, Marcel, assignor to Societ  des Usines Chimiques Rhone-Poulenc, Paris, France. Process for manufacture of sodium auro-thiomalate. 1,994,213; Mar. 12.
- De Leyer, Guy. (See Serre, Maurice, assignor.)
- Delf, George A., University City, assignor to B & W Shoe Machinery Company, St. Louis, Mo. Die press. 2,018,513; Oct. 22.
- De Lhorbe, William E., Oregon, Ill. Greenhouse bench. 2,015,924; Oct. 1.
- Dell, Frank C., assignor to Autopoint Company, Chicago, Ill. Desk pad holder. 2,001,774; May 21.
- Dell, Cyril, Berkhamsted, and H. L. Read, Herington Grove, Hutton Mount, England. Power transmission system. 2,015,300; Sept. 24.
- Dell, Cyril, Berkhamsted, and H. L. Read, Hutton Mount, assignors to Dellread Gears (Holdings) Company Limited, London, England. Frictional epicyclic gearing. 1,993,051; Mar. 5.
- Dell, Norman E., Buffalo, N. Y. Air compressing apparatus. 2,013,236; Sept. 3.
- Dell, Samuel M. and Company. (See McMillan, Hugh P., assignor.)
- Dellaree, Frank H., Detroit, Mich. Pick-up device for fasteners. 2,025,273; Dec. 24.
- Deller, Anthony W. (See Fues, Ernst, assignor.)
- Deller, Anthony W., et al. (See Lomb, Louis, assignor.)
- Dellert, Louis, Brooklyn, N. Y. Chair. 2,004,934; June 18.
- Dellian, Joseph, Berlin-Treptow, Germany, assignor to General Electric Company. Gaseous electric discharge lamp device. 1,990,170; Feb. 5.
- Delling, Paul R., Haddonfield, N. J., and H. W. Lindemann, Gary, Ind., said Lindemann assignor to said Delling. Exhaust system. 1,997,631; Apr. 16.
- Delling, Richard E., Erfenschlag, near Chemnitz, assignor of one-half to E. Freytag, Zwickau, Germany. Atomizing device. 2,001,817; May 21.

- Dellinger, Martin C. (See Kulp, H. W. and Dellinger.)
 Dellread Gears (Holdings) Company Limited. (See Dell, C., and Read, assignors.)
 Del-Mac Shoe Process Corporation. (See Maccarone, Fred, assignor.)
 Del Mar, William A., Greenwich, Conn., assignor to Habirshaw Cable & Wire Corporation, New York, N. Y. Cable. 2,015,714; Oct. 1.
 Del Monica, Herbert J., San Francisco, Calif. Hat mold. 1,986,141; Jan. 1.
 De Loache, Robert L., Atlanta, Ga., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Alternating current relay apparatus. 1,987,731; Jan. 15.
 De Loe, Oliver P. (See Simkins, H. D., and De Loe.)
 Delon, Jules, Lyon, France. Telephone cable with star quads. 1,995,201; Mar. 19.
 DeLong Hook and Eye Company, The. (See Jurgensen, August P., assignor.)
 DeLong Hook and Eye Company, The. (See Upham, Gilbert R., assignor.)
 De Lorenzi, Ermete E. F., Rosario, Argentina. Perspective drawing device. 1,986,625; Jan. 1.
 De Lorenzo, Marino. (See Stella, Emidio, assignor.)
 De Loria, Alexander E., Westwood, Mass. Irrigation apparatus. 1,999,804; Apr. 30.
 De Los Sinden, Alfred, Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyor. 1,995,589; Mar. 26.
 Delpech, Gaston, Clamart, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Manufacture of glass and similar products. 1,992,994; Mar. 5.
 Delpech, Gaston, Clamart, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Finishing siliceous articles. 2,018,056; Oct. 22.
 Delpech, Gaston, Clamart, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Manufacturing hollow articles. 2,019,046; Oct. 29.
 Del Ponte, Federico N., Buenos Aires, Argentina. Phonograph pickup. 2,019,000; Oct. 29.
 Delta Manufacturing Company, The. (See Cook, Sherman L., assignor.)
 Delta Manufacturing Company. (See Sirianni, Joseph B., assignor.)
 Delta Manufacturing Company. (See Tautz, Herbert E., assignor.)
 Delta Star Electric Company, The. (See Alsaker, Alfred, assignor.)
 Delta-Star Electric Company, The. (See Anderson, Russell E., assignor.)
 Delta-Star Electric Company. (See Caird, Harry, assignor.)
 Delta-Star Electric Company, The. (See Cornell, E. S., and Koerner, assignors.)
 Delta-Star Electric Company. (See Polgov, Nicholas G., assignor.)
 Delta Star Electric Company, The. (See Rah, Joseph, assignor.)
 Delta-Star Electric Company. (See Rah, Joseph C., assignor.)
 Delta-Star Electric Company. (See Rah, J. C., and Polgov, assignors.)
 Delta-Star Electric Company, The. (See Rah, J. C., Stene and Cornell, assignors.)
 DeLuce, Robert E., assignor to Star Box & Printing Co., Chattanooga, Tenn. Folding box. 2,005,131; June 18.
 DeLuce, Robert E., assignor to Star Box & Printing Co., Chattanooga, Tenn. Gluing machine. 2,005,132; June 18.
 DeLuxe Metal Furniture Company. (See Onions, H. J., and Sandberg, assignors.)
 Delvaux, Arthur L., Los Angeles, Calif. Bubble blower. 2,015,301; Sept. 24.
 Delvin, Hart E., Gary, Ind. Gas treating apparatus. 1,998,224; Apr. 16.
 Demag Aktiengesellschaft. (See Schönig, Paul, assignor.)
 Demag Aktiengesellschaft. (See Siebert, Heinrich, assignor.)
 Demag Aktiengesellschaft. (See Wilsing, Paul, assignor.)
 Demag Aktiengesellschaft. (See Wissmann, Kurt, assignor.)
 Demag-Elektrostahl, Gesellschaft mit beschränkter Haftung. (See Gerlach, Emil, assignor.)
 De Mahler, Edouard R. W., Nice, France. Catalyst and preparing same. 1,997,135; Apr. 9.
 De Manna, Nicholas, Brooklyn, assignor to Irving Trust Company, permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Delivery mechanism for printing machines. 2,026,162; Dec. 31.
 Demant, Jules E., Trosly-Breuil, assignor to Bozel-Malétra Société Industrielle de Produits Chimiques, Cuise-Lamotte (Oise) France. Preparation of benzoic acid and benzoates. 1,998,925; Apr. 23.
 Demant, Jules E., assignor to Bozel-Malétra Société Industrielle de Produits Chimiques, Cuise Lamotte, France. Production of benzoic acid and benzoates. 2,005,774; June 25.
 Demant, Jules E., Cuise-Lamotte, assignor to Bozel-Malétra, Société Industrielle de Produits Chimiques, Paris, France. Preparation of monochromates and dichromates. 2,012,061; Aug. 20.
 Demant, Jules E., Cuise-Lamotte, assignor to Bozel-Malétra, Société Industrielle de Produits Chimiques, Paris, France. Preparation of monochromates and dichromates. 2,012,062; Aug. 20.
 Demarco, Dr., V. J. (See Hagar, L. L., and Rollins, assignors.)
 Demarest, Charles S., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Selective signaling system. 1,986,921; Jan. 8.
 De Marinis, Michael, New York, N. Y. Combined bathtub and sink. 1,995,841; Mar. 26.
 De Mario, Joseph, Kirkwood, N. J. Multiple pencil. 2,025,938; Dec. 31.
 De Maris, Elmer L., Los Angeles, Calif. Device for orienting test cores. 2,003,345; June 4.
 De Markus, Louis, assignor to McKenna Brass & Manufacturing Company, Inc., Pittsburgh, Pa. Filling machine. 1,995,918; Mar. 26.
 De Mask, Martin J., Pittsfield, Mass. Multiple electric installation. 1,992,816; Feb. 26.
 De Master, Matthew J., Cedar Grove, Wis. Ball tossing game. 2,021,989; Nov. 26.
 De Mattia, Peter, Passaic, N. J., assignor to National Rubber Machinery Company, Akron, Ohio. Electrically operable press. 1,991,664; Feb. 19.
 De Mattia, Peter, Passaic, N. J., assignor to National Rubber Machinery Company, Akron, Ohio. Vulcanizing mold for inner tubes and the like. 2,002,110; May 21.
 De Méric de Bellefon, Hugues M. J., and J. E. A. Folliot, assignors to Société René Maubailarcq & Cie., La Rochelle, France. Preservation of fish by cold storage. 2,020,109; Nov. 5.
 Demeritt Company, The. (See Johnson, Roy L., assignor.)
 Demers, Isafe J. B., assignor to Superior Metal Products Company, St. Paul, Minn. Hot plating containers. 2,018,951; Oct. 29.
 Demers, Roger L., Saint Jaques, New Brunswick, assignor of one-half to Martin Theriault, Edmundston, Canada. Cover for collapsible tubes. 1,995,967; Mar. 26.
 De Mille, Hartwell, New York, N. Y. Fountain shaving brush. 1,992,607; Feb. 26.
 Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Seat leak indicator for pressure regulators. 2,002,883; May 28.
 Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Gas regulator. 2,002,884; May 28.
 Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Regulating and metering apparatus. 2,023,008; Dec. 3.
 Demmitt, Albert V., New Carlisle, Ohio. Incubator. 2,012,867; Aug. 27.
 Demmler, Arno, Reichenbach in Vogtland and W. Greppert, Brandenburg, Germany, assignors to O. Billian, Zurich, Switzerland. Device for emptying containers. 2,009,392; July 30.
 Demmy, Wylie E., Indianapolis, Ind. Newspaper clip. 1,997,048; Apr. 9.
 Demol, Albert E., Paterson, N. J. Boil-off or dycing apparatus. 2,000,745; May 7.
 Demonet, Eugene A. (See Wood, W. S., Janson, and Demonet.)
 Demontis, John S., Bridgeport, Conn. Fertilizer. 2,017,711; Oct. 15.
 DeMooy, John, Shaker Heights, assignor to the Cleveland Pneumatic Tool Company, Cleveland, Ohio. Hose coupling. 2,006,885; July 2.
 Demos, James, Jacksonville, Fla. Serving apparatus. 1,992,861; Feb. 26.
 Demosthenes, Nicholas, Savannah, Ga. Vehicle operated door mechanism. 2,013,490; Sept. 3.
 DeMott, Benyew H., Millington, N. J. Twine dispenser. 2,022,409; Nov. 26.
 De Motte, Maurice P., Indianapolis, Ind., assignor to The Prest-O-Lite Company, Inc. Gas pumping system. 1,991,548; Feb. 19.
 De Motte, Maurice P., Indianapolis, Ind., assignor to Oxweld Acetylene Company. Acetylene generator. 1,992,358; Feb. 26.
 De Motte, Maurice P., Indianapolis, Ind., assignor to Oxweld Acetylene Company. Acetylene generator. 1,995,968; Mar. 26.
 De Motte, Maurice P., Indianapolis, Ind., assignor to Oxweld Acetylene Company. Acetylene generator. 2,009,543; July 30.
 Dempsey, Frank P., Detroit, Mich. Thread cutting tool. 1,991,494; Feb. 19.
 Dempsey, James E., Detroit, Mich. Manufacture of solder. 2,013,340; Sept. 3.
 Dempsey, James M. (See Jones, E. P., and Dempsey.)
 Dempsey, Michael J., and F. W. Reher, assignors to The Chase Companies, Incorporated, Waterbury, Conn. Machine for coiling and packaging strand material. 1,995,498; Mar. 26.
 Dempsey, Philip W., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Gasket construction. 1,986,465; Jan. 1.
 Dempsey, Philip W., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Making cylinder packings. 2,004,652; June 11.
 Dempster, John T. H., Schenectady, N. Y., assignor to General Electric Company. Coffee maker. 2,011,397; Aug. 13.

- Dempster Mill Manufacturing Company. (See Schlachter, Henry, assignor.)
- De Muth, Otto, Vancouver, British Columbia, Canada. Surgical dressing. 2,012,755; Aug. 27.
- Denuith, William, & Company. (See McArdle, Edward H., assignor.)
- Demyttenaere, Marcel E., West Springfield, Mass. Lamp wrench. 2,016,078; Oct. 1.
- De Nagy, Bela, New York, N. Y. Air motor. 2,000,930; May 14.
- De Nagy, Bela, New York, N. Y. Alternating action polishing machine. 2,000,931; May 14.
- Denbow, Clarence B. (See Voke, C. E., and Denbow.)
- Dencklau, Karl R., Plainfield, N. J., assignor to American Telephone and Telegraph Company. Sheet form holder. 2,014,104; Sept. 10.
- Dendoff, Hubert E., Vancouver, British Columbia, Canada. Parking device. 2,006,886; July 2.
- Dendoff, Hubert E., Vancouver, British Columbia, Canada. Diaper. 2,009,310; July 23.
- Deneen, Chas. S., et al. (See Hornback, Arch E., assignor.)
- DeNeumann, Mihály, Budapest, assignor to Egyesült Izzólámpa és Villamossági Reszvénytársaság, Újpest, Hungary. Sealing-off vessels containing gas. 2,014,471; Sept. 17.
- Dengler, Felton S., E. W. Gardner and D. H. Felder, Port Neches, Tex., assignors to The Texas Company, New York, N. Y. Manufacture of asphalt. 2,024,096; Dec. 10.
- Denhard, Harry W., Oakland, assignor to Oliver United Filters Incorporated, San Francisco, Calif. Clamp. 2,018,398; Oct. 22.
- Deniau, Marcel, Paris, France. Method based upon the use of vibrations and apparatus therefor. 2,015,217; Sept. 24.
- Deninson, Jacob, New York, N. Y. Monostereoscopic vision. 1,992,608; Feb. 26.
- Denison, Frederick S., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature changing system employing a circulating fluid medium. 1,993,262; Mar. 5.
- Denison, Frederick S., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Apparatus for controlling combustion mechanisms. 2,022,188; Nov. 26.
- Denison, Howard S., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Electric laundry iron. 2,020,538; Nov. 12.
- Denison, Wilfred C., Dearborn, Mich. Fishing device. 1,994,171; Mar. 12.
- Deniston, Albert J., Jr., Chicago, Ill. Nail. 1,995,705; Mar. 26.
- Deniston, Albert J., Jr., Chicago, Ill. Nail. 1,995,706; Mar. 26.
- Deniston, Albert J., Jr., Chicago, Ill. Making lead-headed screw-threaded nails. 2,001,869; May 21.
- Denivelle, Otto E., Mount Vernon, and J. H. Wilhelm, Hamilton Beach, assignors to Voices, Incorporated, New York, N. Y. Controllable voice. 2,022,107; Nov. 26.
- Denke, Edward W., and F. E. Bauerle, Philadelphia, Pa., assignors to said F. E. Bauerle. Brake drum refinishing tool. 1,990,270; Feb. 5.
- Denker, Charles T., assignor to L. L. Denker, Chicago, Ill. Brake control device. 2,025,220; Dec. 31.
- Denker, Loraine L. (See Denker, Charles T., assignor.)
- Denman, Harry B., Pontiac, Mich. Friction lining. 2,012,259; Aug. 27.
- Dennedy, James H., Evansville, Ind., assignor to Rotorite Corporation, Chicago, Ill. Rotary compressor. 2,013,777; Sept. 10.
- Denner, August, and P. Keiner, Baltimore, Md. Machine for peeling tomatoes. 1,992,995; Mar. 5.
- Denning, George. (See Yeager, Lester, assignor.)
- Denning, J. Wayne and J. M., Joliet, Ill. Silo and the like. 2,008,688; July 23.
- Denning, Joseph M. (See Denning, J. Wayne and J. M.)
- Denning, Paul S., assignor to F. E. Schundler, Joliet, Ill. Colored prepared roofing. 1,994,066; Mar. 12.
- Dennis, Elmer L., Rockford, Ill., assignor to The Washburn Company, Worcester, Mass. Bicycle basket. 2,010,479; Aug. 6.
- Dennis, Walter R., Minneapolis, Minn. Masonry faced wall board and producing the same. 2,017,587; Oct. 15.
- Dennis, W. J., & Company. (See Balousek, William E., assignor.)
- Dennls, William J., Chicago, Ill. Weather strip. 2,002,569; May 28.
- Dennison, Brook J. (See Fix, E. L., and Dennison.)
- Dennison, Brook J., Tarentum, assignor to Duplate Corporation, Allegheny County, Pa. Laminated glass and making the same. 2,005,075; June 18.
- Dennison, Edward S., and P. S. Vaughan, Swarthmore, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Engine. 2,020,461; Nov. 12.
- Dennison, Forrest W., assignor to Taylor Freezer Corporation, Beloit, Wis. Detachable gate. 2,005,937; June 25.
- Dennison, Frank G., Newton, Mass. Hobbyhorse. 2,005,181; June 18.
- Dennison, French E., assignor to York Ice Machinery Corporation, York, Pa. Compressor. 2,006,583; July 2
- Dennison, French E., and W. D. Leonard, assignors to York Ice Machinery Corporation, York, Pa. Sealed joint. 2,008,580; July 16.
- Dennison, French E., and W. D. Leonard, assignors to York Ice Machinery Corporation, York, Pa. Lubricating system. 2,008,581; July 16.
- Dennison Manufacturing Company. (See Alden, Gardner R., assignor.)
- Dennison Manufacturing Company. (See Alm, Alexander V., assignor.)
- Dennison Manufacturing Company. (See Asnes, Benjamin, assignor.)
- Dennison Manufacturing Company. (See Flood, Carl A., assignor.)
- Dennison Manufacturing Company. (See Gibbs, John H., assignor.)
- Dennison Manufacturing Company. (See McGovern, Henry P., assignor.)
- Dennison, Stanley W. (See Zeitz, E. R. and Dennison.)
- Denniston, Adolph L., Chicago, Ill., assignor, by mesne assignments, to Stromberg Electric Company. Corrective device for secondary clocks. 1,986,392; Jan. 1.
- Denny, Frederick F. (See Brown, W. C., Roper and Denny.)
- Denny, Omer, Berkeley, assignor to Longview Fibre Company, San Francisco, Calif. Crate construction. 2,011,801; Aug. 20.
- Denny, Robert C. (See Foltz, R. D., and Denny.)
- Denny, William E., Loudonville, Ohio. Portable folding artist's easel. 2,019,214; Oct. 29.
- De Nooij, Jan C., and D. J. Gerritsen, Zutphen, Netherlands. Preparing cellulose solutions. 1,991,141; Feb. 12.
- De Normanville, Edgar J., Kingsbury, assignor of one-half to de Normanville Transmissions Limited, Coventry, England. Power transmitting mechanism. 2,012,377; Aug. 27.
- De Normanville Transmissions Limited. (See de Normanville, Edgar J., assignor.)
- Densberger, Leon J., Hastings, Nebr. Steel brush road drag. 1,997,248; Apr. 9.
- Dent Hardware Company, The. (See Lyons, A. G., and Diehl, assignors.)
- Dental Research Corporation. (See Spiro, Harry, assignor.)
- Dentist's Supply Company of New York, The. (See Phillips, George P., assignor.)
- Dentists' Supply Company of New York, The. (See Whiteley, Joseph O., assignor.)
- Dentler, Arnold E., assignor to W. H. Miner, Inc., Chicago, Ill. Testing draft gears. 2,011,711; Aug. 20.
- Denton, Clifford O., Hoopston, Ill. Rupture support. 2,020,634; Nov. 12.
- Denton, Jesse H., Meridian, Miss. Automobile bell housing support. 2,019,562; Nov. 5.
- Denton, Joseph A., assignor to The Filler & Stowell Co., Milwaukee, Wis. Lumber sorter. 1,986,427; Jan. 1.
- Denver Patent Company. (See Colburn, Ernest A., Jr., assignor.)
- Denz, Joseph, Basel, Switzerland. Tool holder. 1,987,504; Jan. 8.
- Denz, Joseph, Basel, Switzerland. Universal vise. 1,996,719; Apr. 2.
- Denzler, Arthur H., Union City, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 1,991,197; Feb. 12.
- De Ong, Elmer R., Berkeley, Calif., and E. B. Smith, assignors to E. W. Colledge, General Sales Agents, Inc., Jacksonville, Fla. Insecticide and fungicide and preparing same. 1,996,100; Apr. 2.
- De Orlow, Stephen, Detroit, assignor to Ryerson & Haynes, Inc., Jackson, Mich. Vehicle jacking structure. 1,994,984; Mar. 19.
- De Orlow, Stephen, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Closure retaining device. 1,995,472; Mar. 26.
- De Orlow, Stephen, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Handle assembly. 2,017,530; Oct. 15.
- De Oslund, Herbert, Minneapolis, Minn. Letter outlining template. 2,005,255; June 18.
- Depenbrock, Wilhelm, assignor to Seitz-Werke G. m. b. H., Kreuznach, Germany. Pendulum weighing machine. 1,988,072; Jan. 15.
- Depenbrock, Wilhelm, assignor to Seitz-Werke G. m. b. H., Kreuznach, Germany. Printing machine. 2,013,604; Sept. 8.
- Depew, Charles. (See Roncl, V. L., Wilson, and Depew.)
- Depew, Harlan A. (See Stutz, G. F., and Depew.)
- Depew, Harlan A., Columbus, Ohio, assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Treating zinc sulphide or zinc oxide pigment. 2,021,990; Nov. 26.
- Depew, Harlan A., Columbus, Ohio, assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Apparatus for the treatment of pigments. 2,021,991; Nov. 26.
- De Phillips, Henry A., Philadelphia, Pa. Wood filler. 2,011,041; Aug. 13.
- De Phillips, Henry A., Jackson Heights, N. Y. Liquid coating composition. 2,011,042; Aug. 13.
- De Polo, Bruno A. (See Goin, G. R., and De Polo.)
- Depoy, Joseph A., Coolville, Ohio. Laundry cabinet. 2,025,649; Dec. 24.

- Deppeler, John H., Weehawken, N. J. Welding electrode. 1,996,794; Apr. 9.
- De Pree, Lee, assignor to The Dow Chemical Company, Midland, Mich. Electrode and making same. 1,996,643; Apr. 2.
- De Puddicombe, Jack, New York, N. Y. Protecting neon signs and circuits. 1,995,055; Mar. 19.
- De Puddicombe, Jack, assignor to M. B. Colwin, New York, N. Y. Safety gas and fuel valve. 2,022,846; Dec. 3.
- DePuy, James A., assignor to York Ice Machinery Corporation, York, Pa. Compressor. 2,006,584; July. 2.
- De Rachat, Nicholas G., assignor to Universal Oil Products Company, Chicago, Ill. Process and apparatus for reclaiming filtering clay. 2,007,242; July 9.
- Derby, Charles M. (See Carpenter, C. H., and Derby.)
- Derby, Ira H., assignor to P. C. Reilly, Indianapolis, Ind. Electrothermic process of shaping wood. 1,994,607; Mar. 19.
- Derby, Ira H., and F. E. Cislak, assignors to Peter C. Reilly, Indianapolis, Ind. Treating wood. 1,995,499; Mar. 26.
- Derby, John H., Scarsdale, N. Y. Thermostatic device. 1,989,229; Jan. 29.
- Derby, John H., Scarsdale, N. Y. Combined hose and reducing valve. 1,991,052; Feb. 12.
- Derby, John H., Scarsdale, N. Y. Supervisory switch. 2,026,221; Dec. 31.
- Derby, Norman L., New York, N. Y. Thermostatic element. 1,991,495; Feb. 19.
- Derby, Norman L., Jackson Heights, N. Y. Making a compound metallic inlaid structure. 1,991,496; Feb. 19.
- Derby, P., Company. (See Greenwood, C. S., and Travers, assignors.)
- De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Oscillating snap switch. 2,023,219; Dec. 3.
- De Regnaud de Bellescize, Henri J. J. M., Neuilly-sur-Seine, France. Selective reception of telegraphic signals. 1,987,732; Jan. 15.
- De Regnaud de Bellescize, Henri J. J. M., Neuilly-sur-Seine, France. Synchronizing system. 1,990,428; Feb. 5.
- Deremer, Floyd E. (See Arnold, C. F., and Deremer.)
- De Rewal, Frank J., Camillus, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Oxidation of hydrocarbons. 2,022,845; Dec. 3.
- Déri, Max, Meran, Italy. Electrical system. 2,015,745; Oct. 1.
- Déraz, William, Geneva, Switzerland. Apparatus for the distribution of heat. 2,004,857; July 11.
- Derick, Clarence G., Sewaren, N. J., assignor to Westvaco Chlorine Products, Inc., New York, N. Y. Utilizing galvanizer's waste. 2,012,809; Aug. 27.
- Dering, Henry, executor. (See Millar, William S.)
- De Rlorenz, Luis, Pomfret, Conn., and E. Bach, New York, N. Y.; said Bach assignor to said De Florenz. Apparatus for indicating and/or controlling physical changes. 1,994,757; Mar. 19.
- Derman, Harry, Laurelton, Long Island, N. Y. Wardrobe, closet, and the like. 2,009,482; July 30.
- Derman, Sam, assignor to Quality Art Novelty Co., Inc., Long Island City, N. Y. Display box. 2,018,623; Oct. 22.
- Dermott, William, assignor to Van Cleef Bros., Chicago, Ill. Cushion. 1,994,759; Mar. 19.
- Dernchl, Herbert U., Milwaukee, Wis. Table ornament. 1,991,602; Feb. 19.
- De Roemer, Charles W. (See Carew, Gerald A. P., assignor.)
- Derome, Pierre L., assignor to Etablissements A. Derome. (Société Anonyme), Baviy, France. Apparatus for picking up objects from a conveyor. 2,020,635; Nov. 12.
- De Ropp, Harold W. (See Hetherington, H. C., and de Ropp.)
- De Ropp, Harold W., and H. C. Hetherington, assignors to E. I. Du Pont de Nemours & Company, Wilmington, Del. Urea synthesis. 2,017,588; Oct. 15.
- Derossi, Antonio, Trieste, Italy. Vehicle hoist frame. 2,020,174; Nov. 5.
- Derr, Ralph B. (See Callis, C. C., and Derr.)
- Derr, Ralph B., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Manufacture of adsorbents. 2,015,593; Sept. 24.
- Derr, Ralph B., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Production of alumina. 2,019,554; Nov. 5.
- Derrah, Robert V., Beverly Hills, Calif. Torque transmission device. 2,003,825; June 4.
- Derrah, Robert V., Beverly Hills, Calif. Reaction torque transmission device. 2,011,755; Aug. 20.
- Derringer, Percy O., assignor to Knapp-Monarch Company, Belleville, Ill. Toaster construction. 2,005,364; June 18.
- Derrom, Donald L., Sao Paulo, Brazil. Metal working. 1,995,419; Mar. 26.
- Désagnat, Gaston, Paris, France. Process and apparatus for chamfering the sharp edges of small plates of a lining. 2,019,398; Oct. 29.
- De Saint-Martin, Charles, Paris, France, assignor to Michelin Et Cie, Clermont-Ferrand, France. Rail vehicle. 2,012,260; Aug. 27.
- De Saint-Martin, Charles V., Paris, assignor to Michelin et Cie, Clermont-Ferrand, France. Plow for electrical signaling of railways. 2,003,209; May 28.
- De Saint Rapt, Joseph, and G. Decombe, Lyon, France. Feeding means for gas masks. 2,023,267; Dec. 3.
- De Sanno, Albert P., Jr. (See Gordon, Thomas H., assignor.)
- De Sanno, Albert P., Jr. (See Hardy, Benjamin G., assignor.)
- Desautels, Charles H., Springfield, Mass., assignor, by mesne assignments, to The Fisk Rubber Corporation. Pneumatic tire building drum. 1,987,926; Jan. 15.
- De Saussure Equipment Company. (See DeSaussure, William P., Jr., assignor.)
- De Saussure, William P., Jr., Englewood, N. J., assignor to DeSaussure Equipment Company, West New York, N. J. Folding table. 2,023,009; Dec. 3.
- Desbarats, Hullett, Montreal, Quebec, Canada. Spiral lock binding. 2,019,001; Oct. 29.
- Desbrueres, Edmond P., Paris, France. Safety screw. 2,021,051; Nov. 12.
- Deschamps, Desire J., assignor of one-half to P. D. Ball, St. Louis, Mo. Fuel pump. 2,020,302; Nov. 12.
- Deschner, Richard E., Los Angeles, Calif. Liquid dispenser. 2,024,208; Dec. 17.
- Desenberg, Josef, Cologne, Germany. Grinding. 2,005,718; June 25.
- De Seversky, Alexander P., New York, N. Y., assignor, by mesne assignments, to Seversky Aircraft Corporation. Landing gear for aircraft. 2,007,752; July 9.
- De Seversky, Alexander P., New York, assignor to Seversky Aircraft Corporation, Farmingdale, N. Y. Aircraft anchor. 2,009,356; July 23.
- De Seversky, Alexander P., New York, N. Y., assignor, by mesne assignments, to Seversky Aircraft Corporation. Aircraft landing gear. 2,021,876; Nov. 19.
- De Seversky, Alexander P., New York, assignor to Seversky Aircraft Corporation, Farmingdale, N. Y. Amphibian aircraft pontoon. 2,023,312; Dec. 3.
- De Shazer, Grant A. (See Bauer, L. W., and De Shazer.)
- De Sherbinin, William N., Hastings-on-Hudson, N. Y. Coin bank. 1,994,693; Mar. 19.
- Design Engineers, Incorporated. (See Horwitt, N. G., and Katcher, assignors.)
- De Silva, Roberto, Kansas City, Mo., assignor to Little Bear Specialties Company. Decoction apparatus. 2,021,293; Nov. 19.
- De Simo, Martin, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Manufacture of carboxylic acid anhydrides. 2,007,642; July 9.
- Desimone, Anthony J., Lyndhurst, assignor to Bright Star Battery Company, Hoboken, N. J. Flash light. 2,017,896; Oct. 22.
- Desmarais, Joseph V., New Bedford, Mass. Window construction. 2,007,849; July 9.
- De Smet, Lieven L., Paterson, N. J. Cloth preshrinking machine. 1,988,376; Jan. 15.
- Desmond, Cornelius J., assignor of forty-nine per cent to D. M. Sullivan, New York, N. Y. Bottle seal. 2,025,498; Dec. 24.
- Desmond, Joseph E., assignor to H. W. Carter & Sons, Lebanon, N. H. Hooded garment. 1,993,149; Mar. 5.
- De Socarras, Rudolph, assignor to Botany Worsted Mills, Passaic, N. J. Necktie and lining therefor. 1,993,263; Mar. 5.
- Desoutter Brothers Limited. (See Webb, George H., assignor.)
- Desoutter, Charles, London, England. Rotary tool device. 2,024,276; Dec. 17.
- Desoutter, Charles, London, England, assignor, by mesne assignments, to Desoutter-Swain Inc., New York, N. Y. Joint for artificial limbs. 1,991,796; Feb. 19.
- Desoutter-Swain Inc. (See Desoutter, Charles, assignor.)
- De Spain, Leo C., Longview, Wash. Metering device. 1,993,210; Mar. 5.
- De Spain, Thomas H., Paducah, Ky., assignor, by mesne assignments, to David & Lewis, New York, N. Y. Sewing machine. 2,003,879; June 4.
- Despard, Victor R., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Electric wiring apparatus. 1,992,059; Feb. 19.
- Despard, Victor R., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Convenience outlet. 2,002,434; May 21.
- Despard, Victor R., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Electric wiring apparatus. 2,002,491; May 28.
- Despard, Victor R., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Pilot light. 2,004,039; June 4.
- De Spirt, Attilio C., Buffalo, N. Y. Wall dividing bead. 2,025,576; Dec. 24.
- Despols, Robert L. (See Goltsedet, P. E. C., and Despols.)
- Despres, Joseph A., executor, et al. (See Rice, Louis W.)
- Despret, Georges P., Paris, assignor to Compagnies Reunies des Glaces et Verres Speciaux du Nord de la France, Boussois-sur-Sambre, Nord, France. Hollow transparent unit for construction. 1,994,387; Mar. 12.
- Despret, Georges P., Paris, assignor to Compagnies Reunies des Glaces et Verres Speciaux du Nord de la France, Boussois-sur-Sambre, Nord, France. Process of said apparatus for pouring glass to be formed into sheets or plates. 2,010,916; Aug. 13.
- Des Rosiers, John A., Morrisburg, Ontario, Canada. Liquid heater. 1,999,962; Apr. 30.
- Des Rosiers, John B., Providence, R. I. Automatic brake adjusting and indicating mechanism. 2,002,139; May 21.

- Desrosiers, Marie B., East Springfield, Mass. Lingerie clasp. 2,000,127; May 7.
- Dess, Ben, Chicago, Ill. Cigarette lighter. 2,002,492; May 28.
- Desure, Samuel, New York, N. Y. Fabric pressing device of the sadiron type. 2,019,954; Nov. 5.
- De Tar, Donald R., Collingwood, N. J., assignor to Radio Corporation of America, New York, N. Y. Manual radio control means. 1,995,171; Mar. 19.
- De Tar, Donald R., Audubon, N. J., assignor to General Electric Company. Vacuum tube socket. 2,026,420; Dec. 31.
- Detracolor Ltd. (See Dieterich, Ludwig M., assignor.)
- Detrick, M. H., Company. (See Foltz, R. D., and Denny, assignors.)
- Detrick, M. H., Company. (See Hosbein, Louis H., assignor.)
- Detrick, Stanley R. (See Dahlen, M. A., and Detrick.)
- Detroit Dental Manufacturing Co. (See La Riche, Anthony M., assignor.)
- Detroit Edison Company, The. (See James, R. F., and Coley, assignors.)
- Detroit Edison Company, The. (See Marshall, R. B., and Marble, assignors.)
- Detroit Edison Company, The. (See Piron, Emil H., assignor.)
- Detroit Edison Company, The. (See Sticher, Joseph K. H., assignor.)
- Detroit Electric Furnace Company. (See Crosby, E. L., and Rhoads, assignors.)
- Detroit Gasket & Manufacturing Company. (See Balfe, George T., assignor.)
- Detroit Gasket & Mfg. Co. (See Diehl, Lloyd H., assignor.)
- Detroit Gasket & Mfg. Co. (See Liedle, Wilhelm, assignor.)
- Detroit Gray Iron Foundry Company. (See Novotny, Anton, assignor.)
- Detroit Hydrostatic Brake Corporation. (See Sauzedde, Claude, assignor.)
- Detroit Lubricator Company. (See Dillman, Earnest J., assignor.)
- Detroit Lubricator Company. (See Duffield, George B., assignor.)
- Detroit Lubricator Company. (See Eggleston, L. W., and Dillman, assignors.)
- Detroit Lubricator Company. (See Gradhe, Eric R., assignor.)
- Detroit Lubricator Company. (See Lillie, Olof F., assignor.)
- Detroit Lubricator Company. (See Rayfield, William C., assignor.)
- Detroit Lubricator Company. (See Russel, Philip S., assignor.)
- Detroit Lubricator Company. (See Russel, P. S., and von Wangenheim, assignors.)
- Detroit Lubricator Company. (See von Wangenheim, Adolf, assignor.)
- Detroit Lubricator Company. (See Weber, Walter H., assignor.)
- Detroit Lubricator Company. (See Wile, Daniel D., assignor.)
- Detroit Moulding Corporation. (See Shaw, Charles P., assignor.)
- Detroit Steel Products Company. (See Kelly, Clyde W., assignor.)
- Detroit Steel Products Company. (See Reynaud, Samuel C., assignor.)
- Detroit Steel Products Company. (See Rumney, M. P., and Kelly, assignors.)
- Detroit Stoker Company. (See Reers, Royce L., assignor.)
- Detroit Tap & Tool Co. (See Munn, Henry Q., assignor.)
- Dettelbach, Samuel E., et al. (See Jaworowski, Joseph F., assignor.)
- Detting, Edwin J., et al. (See Paden, Charles E., assignor.)
- Dettmer, Alfred B., Rocky River, assignor to The National Tool Company, Cleveland, Ohio. Tool for counterboring or spot facing. 2,009,168; July 23.
- Dettwyler, William. (See Gubelmann, I., Goodrich and Dettwyler.)
- Dettwyler, William. (See Wuertz, A. J., and Dettwyler.)
- Dettwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Halogenating amino-anthraquinone compounds. 1,986,798; Jan. 8.
- Detwiler, James G., New York, N. Y., T. C. Heisig, Bayonne, J. E. Rosnell, Bound Brook, N. J. and F. W. Hall, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Textile fiber spraying oils. 2,002,885; May 28.
- Detwiler, Warren B., North Hills, assignor to Curtis Publishing Company, Philadelphia, Pa. Address plate. 1,989,635; Jan. 29.
- Deubel, Carl G., assignor to Progressive Service Company, St. Louis, Mo. Ornamenting die. 1,990,932; Feb. 12.
- Deubel, Carl G., assignor to Progressive Service Company, St. Louis, Mo. Prewelt shaping machine. 2,004,195; June 11.
- Deuble, John L. (See Nitardy, F. W., Christiansen and Deuble.)
- Deuel, Clyde C., Los Angeles, Calif. Frame construction system. 2,019,810; Nov. 5.
- Deuel, Clyde E., and C. A. Loomans, Stevens Point, Wis. Disposable towel bib. 2,016,079; Oct. 1.
- Deuker, Wilhelm, Kaulsdorf, near Berlin, Germany. Footwear. 2,025,650; Dec. 24.
- Deutsch, Hans. (See Herrmann, W. O., Deutsch, and Haehnel.)
- Deutsch, Hans, and P. Jomek, assignor to the firm of Alex Friedmann, Vienna, Austria. Nonlifting injector. 1,994,124; Mar. 12.
- Deutsch, Joseph B., Boulder City, Nev. Pie cutter. 2,003,253; May 28.
- Deutsch, Leo E., Hammond, Ind. Lock key. 2,001,601; May 14.
- Deutsch, Leo E., Hammond, assignor to M. W. Deutsch, Hammond, Ind. Key operable lock. 2,019,399; Oct. 29.
- Deutsch, Leo E., assignor to M. W. Deutsch, Hammond, Ind. Key. 2,019,400; Oct. 29.
- Deutsch, Leo E., assignor to M. W. Deutsch, Hammond, Ind. Lock mechanism. 2,021,443; Nov. 19.
- Deutsch, Leo E., assignor to M. W. Deutsch, Hammond, Ind. Lock. 2,024,030; Dec. 10.
- Deutsch-Luffahrt- und Handels-Aktien-Gesellschaft. (See Boykow, Johann M., assignor.)
- Deutsch, Marshall W. (See Deutsch, Leo E., assignor.)
- Deutsch, Walther, Frankfurt-on-the-Main, Germany, assignor to International Precipitation Company, Los Angeles, Calif. Method and apparatus for electrical precipitation. 2,008,246; July 16.
- Deutsch, Walther, Frankfurt-on-the-Main, Germany, assignor to International Precipitation Company, Los Angeles, Calif. Method and apparatus for electrical precipitation. 2,019,485; Nov. 5.
- Deutsch, William, Mount Vernon, N. Y. Sanitary appliance. 1,989,686; Feb. 5.
- Deutsche Celluloid-Fabrik. (See Weihe, Adolf, assignor.)
- Deutsche Edeltahlwerke Aktiengesellschaft. (See Fetkenheuer, Bruno, assignor.)
- Deutsche Gold & Silber Scheideanstalt vormals Roessler. (See Albrecht, Carl, assignor.)
- Deutsche Gold & Silber Scheideanstalt, vormals Roessler. (See Beck, W., and Bonath, assignors.)
- Deutsche Gold & Silber-Scheideanstalt vormals Roessler. (See Naujoks, Erich, assignor.)
- Deutsche Gold- und Silberscheideanstalt. (See Witt, Paul, assignor.)
- Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Fuchs, O., and Querfurth, assignors.)
- Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Pohl, T., and Schneider, assignors.)
- Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Schültes, Hermann, assignor.)
- Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Quenfurth, Wilhelm, assignor.)
- Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Schulenburg, Wilhelm, assignor.)
- Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Wiesler, Karl, assignor.)
- Deutsche Hydrierwerke Aktiengesellschaft. (See Rittmeister, Wilhelm, assignor.)
- Deutsche Hydrierwerke Aktiengesellschaft. (See Schrauth, Walther, assignor.)
- Deutsche Perrot-Bremse G. m. b. H. (See Muenz, Karl, assignor.)
- Deutsche Werke Kiel Aktiengesellschaft. (See Klie, Wilhelm, assignor.)
- De Valera, Ernest G., New York, N. Y. Pill box. 2,017,685; Oct. 15.
- De Valera, Ernest G., New York, N. Y. Dispensing cap. 2,017,686; Oct. 15.
- De Valera, Ernest G., New York, N. Y. Alarm device. 2,017,687; Oct. 15.
- De Valera, Ernest G., New York, N. Y. Annunciator. 2,025,274; Dec. 24.
- De Vault, Ralph P. (See Lambert, C. B., and De Vault.)
- Devco, Inc. (See Cooke, George W., assignor.)
- De Vellier, Jacques, Westchester County, N. Y. Cutting device. 1,998,493; Apr. 23.
- Devendor, John A. and W. A., Jackson Heights, N. Y. Ornamental buckle. 1,987,469; Jan. 8.
- Devendor, William A. (See Devendor, John A. and W. A.)
- Devenor, Raymond E., and R. H. Sheppard, Hanover, Pa. Front wheel drive. 2,011,355; Aug. 13.
- Devereux, James N., Greenville, Miss. Method of and apparatus for manufacturing fiber board. 1,997,136; Apr. 9.
- Devers, John M., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Canning apparatus. 2,026,022; Dec. 31.
- De Vilbiss Company, The. (See Buzzard, G. H., and Tracy, assignors.)
- De Vilbiss Company, The. (See Clark, Albert R., assignor.)
- De Vilbiss Company, The. (See Daggett, Clyde C., assignor.)
- De Vilbiss Company, The. (See Schmitt, Joy B., assignor.)
- De Vilbiss Company, The. (See Tracy, Robert W., assignor.)
- De Ville, Edward J., Halethorpe, Md. Catamenial sack. 2,012,271; Aug. 27.
- Devine, James H., Ste. Genevieve, assignor to Dev-Insular Company, St. Louis, Mo. Lunch box. 2,010,812; Aug. 13.
- Devine, William P., Dorchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel covering machine. 2,000,128; May 7.

- Dev-Insular Company. (See Devine, James H., assignor.)
- De Vita, Marione R., Brooklyn, assignor of one-half to A. V. Levey, New York, N. Y. Pneumatic tire with internal load rings. 2,021,500; Nov. 19.
- De Vlieg, Charles B., Jackson, Mich. assignor to Associated Patents, Inc., Cincinnati, Ohio. Backlash remover. 2,002,991; May 28.
- Devlin, Robert V., Erie, Pa., assignor to General Electric Company, Erie, Pa. Truck. 1,994,304; Mar. 12.
- De Voe, George E. (See Winters, A. F., and De Voe.)
- Devon Manufacturing Company. (See Ajam, Mustafa J., assignor.)
- De Voys, Gerard J., Huckelhoven, Kreis Erkelenz, Germany. Process and apparatus for separating materials of different specific gravity. 2,026,343; Dec. 31.
- De Vou, James L., Pittsburgh, Pa. Derrick. 2,008,785; July 23.
- De Vries, Gerrit, Pipestone, Minn. Fishing float. 2,001,241; May 14.
- De Vry, Herman A., Chicago, Ill. Stereoscope. 2,003,480; June 4.
- De Vry, Herman A., Chicago, Ill. Framing mechanism for projectors. 2,018,514; Oct. 22.
- Dewald, Edward A., Massillon, Ohio, assignor, by mesne assignments, to E. T. Hargrove, New York, N. Y. Tube expanding. 1,987,608; Jan. 15.
- Dewald, Edward A., Massillon, Ohio, assignor, by mesne assignments, to Reconstruction Finance Corporation. Fin tubing. 1,992,296; Feb. 26.
- Dewald, Edward A., Massillon, Ohio, assignor, by mesne assignments, to Reconstruction Finance Corporation. Making fin tubing. 1,992,297; Feb. 26.
- Dewald, Edward A., Massillon, Ohio, assignor to The Griscom-Russell Company, New York, N. Y. Manufacture of finned tubing. 2,004,387; June 11.
- Dewald, Edward A., Massillon, Ohio, assignor to The Griscom-Russell Company, New York, N. Y. Manufacture of finned tubing. 2,004,388; June 11.
- De Waltoff, Samuel A. (See Willard, C. G., and de Waltoff.)
- De Waltoff, Samuel A., New York, N. Y., and C. G. Willard, New Haven, Conn. Said de Waltoff, assignor to said Willard. Dispensing container. 2,019,660; Nov. 5.
- Dewar, Jack S. (See Lerch, William B., assignor.)
- Dewar, Peter K., Indianapolis, Ind., assignor to Link-Belt Company, Chicago, Ill. Chain link. 2,000,932; May 14.
- De Wasme, Joseph A., Chicago, Ill. Planting implement. 2,005,518; June 18.
- De Wees, Russell J., Dallas, Tex. License plate holder. 2,016,080; Oct. 1.
- De Weese, Herbert W. (See Zimmerman, R. F., and De Weese.)
- Dewey and Almy Chemical Company. (See Day, Morgan R., assignor.)
- Dewey and Almy Chemical Company. (See Egan, Charles H., assignor.)
- Dewey and Almy Chemical Company. (See Tucker, G. R., and Isom, assignors.)
- Dewey, Clarence L., Elkhart, Ind. Wind instrument. 2,008,900; July 23.
- Dewey, Clarence L., Elkhart, Ind. Combined baton and cane. 2,012,158; Aug. 20.
- Dewey, Emily, Lake Placid, Fla. Protector for bottom portions of window and door draperies. 2,017,181; Oct. 15.
- Dewey, Haywood G. (See Jones, J. G., and Dewey.)
- Dewey, John J. (See Douglas, G. W., and Dewey.)
- Dewhurst, Wallace W. (See Creager, F. L., and Dewhurst.)
- Dewhurst, Wallace W., Haddon Heights, N. J., assignor to Radio Corporation of America, New York, N. Y. Indicator. 1,990,639; Feb. 12.
- De Wind, Norman, and A. F. Hayler, Newton, Iowa. Road material machine. 1,986,327; Jan. 1.
- De Witt, Leo V. (See Wood, S. K., Eales, and De Witt.)
- De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Fish bait. 2,001,055; May 14.
- De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 2,001,775; May 21.
- De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Hosiery form. 2,003,707; June 4.
- De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 2,004,157; June 11.
- De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 2,004,158; June 11.
- De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 2,004,159; June 11.
- De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe display device. 2,007,037; July 2.
- DeWitt, William J., Auburn, assignor to Shoe Form Co., Inc., Auburn, N. Y. Fish lure. 2,008,437; July 16.
- De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe tree. 2,019,340; Oct. 29.
- DeWitt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Fish lure. 2,023,918; Dec. 10.
- De Wolf, Maris E., Spencer, Iowa. Trough. 2,015,925; Oct. 1.
- De Wolf, Roger D., Rochester, N. Y. Furnace construction. 2,007,038; July 2.
- De Wolfe, Mark C., Oakland, Calif. Elevator. 2,011,893; Aug. 20.
- Dewrance, Sir John. (See Armstrong, Clifford H., assignor.)
- Dewsberry, Charles, assignor to The Goss Printing Press Company, Chicago, Ill. Folding mechanism. 1,998,572; Apr. 23.
- Dewsbury, Wilfred G., London, and A. Davies, West Norwood, London, England. Paint, lithographic varnish, printing ink, and the like and process of making same. 2,014,760; Sept. 17.
- Dexter, Carl J., Lafayette, Ind. Roll roofing fastener. 1,990,776; Feb. 12.
- Dexter Folder Company. (See Brackett, E. M., Daneke, and Williams, assignors.)
- Dexter Folder Company. (See Ehlig, Harry, assignor.)
- Dexter Folder Company. (See Olson, Edwin, assignor.)
- Dexter, George E., assignor to Glenwood Range Company, Taunton, Mass. Cooking range. 2,021,854; Nov. 19.
- De Ybarrodo, Vincent C., assignor to Patco, Inc., Los Angeles, Calif. Film exposure timing machine. 1,993,958; Mar. 12.
- De Young, Richard, St. Anne, Ill. Bulb cleaner. 2,023,167; Dec. 3.
- Dhôme, Alfred, assignor of one-half to P. Deffrenne, Paris, France. Ammunition case. 1,991,923; Feb. 19.
- Diamant, Nicholas S., Highland Park, Mich. Radiator core structure. 2,011,756; Aug. 20.
- Diamant, Nicholas S., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Radiator core. 2,004,890; June 11.
- Diamond, Harry, Washington, D. C., assignor to the Government of the United States as represented by the Secretary of Commerce. Method and apparatus for a multiple course radiobeacon. 1,992,197; Feb. 26.
- Diamond, Harry, Everett, Mass., and F. W. Dunmore, Washington, D. C., assignors to the Government of the United States represented by the Secretary of Commerce. Radio warning signal. 1,989,086; Jan. 29.
- Diamond, James K., assignor to Clipper Belt Lacer Company, Grand Rapids, Mich. Holder or package for belt lacer hooks. 2,023,220; Dec. 3.
- Diamond, James K., assignor to Clipper Belt Lacer Company, Grand Rapids, Mich. Joint for paper drier felts or aprons or the like. 2,025,275; Dec. 24.
- Diamond Machine Co. (See Huxford, G. T., Stratton, and Heinemann, assignors.)
- Diamond Match Company, The. (See Donnelly, Joseph C., assignor.)
- Diamond Match Company, The. (See Farrelly, Joseph, assignor.)
- Diamond Match Company, The. (See Paridon, Michael, assignor.)
- Diamond Power Specialty Corporation. (See Brelsford, H. E., and Snow, assignors.)
- Diamond Power Specialty Corporation. (See MacConville, Gordon, assignor.)
- Diamond Power Specialty Corporation. (See Snow, Norman L., assignor.)
- Diamond Power Specialty Corporation. (See Snow, N. L., Bowers, and House, assignors.)
- Diamond Power Specialty Corporation. (See Snow, N. L., and Brelsford, assignors.)
- Diamond Power Specialty Corporation. (See Snow, N. L., and Thomas, assignors.)
- Diamond Power Specialty Corporation. (See Thomas, W. P., Bowers and Gross, assignors.)
- Diamond Power Specialty Corporation. (See Turner, Charles S., assignor.)
- Diamond Power Specialty Corporation. (See Vennum, George C., assignor.)
- Diana Shoe Corporation. (See Batterman, Benjamin, assignor.)
- Diascope Corporation Ltd. (See Forde, Thomas H., assignor.)
- Diaz, Fernando M., Motril, Spain. Apparatus for the transformation of the sugar cane into saw-dust. 2,008,852; July 23.
- Diaz, Manuel J., Chicago, Ill. Game apparatus—bull fight. 2,020,401; Nov. 12.
- Dibble, Claude M., assignor to Moore Brothers Company, Joliet, Ill. Stove construction. 1,985,979; Jan. 1.
- Dibble, Claude M., assignor to Moore Brothers Company, Joliet, Ill. Stove construction. 1,985,980; Jan. 1.
- Di Bella, Philip, Philadelphia, Pa. Automatic and electric fire alarm. 2,012,756; Aug. 27.
- Dicalite Company, The. (See Stockton, McKinley, assignor.)
- Di Carlo, Carlton M., East Orange, N. J. Device for preventing unrolling of rolled sheets. 2,014,723; Sept. 17.
- Di Carlo, Vincenzo, and V. Aquilecchia, Rome, Italy. Telescope or like instrument. 2,023,313; Dec. 3.
- Diascope Corporation Ltd. (See Forde, Thomas H., assignor.)
- Dicalite Company, The. (See Stockton, McKinley, assignor.)
- Dichter, Samuel J., assignor to Martha Maid Manufacturing Co., Chicago, Ill. Garment. 2,000,633; May 7.
- Dick, A. B., Company. (See Brasseur, Ernest J., assignor.)
- Dick, A. B., Company. (See Mabley, Clarence W., assignor.)
- Dick, A. B., Company. (See Orr, William G. D., assignor.)
- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Coupling. 1,987,100; Jan. 8.

- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking apparatus. 1,991,603; Feb. 19.
- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Piston. 2,003,071; May 28.
- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure mechanism. 2,004,980; June 18.
- Dick, Burns, Ferguson, and S. Schnell, assignors to Wagner Electric Corporation, St. Louis, Mo. Braking apparatus. 2,005,855; June 25.
- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking apparatus. 2,022,370; Nov. 26.
- Dick, Herman J., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,001,323; May 14.
- Dick, Talbert M., Des Moines, Iowa. Electrically heated pad. 1,997,899; Apr. 16.
- Dicke, Oscar H. (See Preston, N. D., and Dicke.)
- Dicke, Oscar H., assignor to General Railway Signal Company, Rochester, N. Y. Train dispatching system for railroads. 1,997,543; Apr. 9.
- Dickenson, Clarence F. (See Huelsdonk, William A., assignor.)
- Dickenson, Herbert J., Gladewater, Tex. Motion transmitting device for pumps. 2,011,757; Aug. 20.
- Dicker, Hyman, Jersey City, N. J. Ice cream cone. 1,987,993; Jan. 15.
- Dicker, Nicholas, New York, N. Y. Fur pointing machine. 1,988,682; Jan. 22.
- Dickerhoff, Samuel C., Jr. (See Tilsher, G. A., and Dickerhoff.)
- Dickerhoff, Samuel C., Jr., New York, N. Y., assignor, by mesne assignments, to Automatic Nut Company, Inc. Lock nut, bolt and the like. 2,008,274; July 16.
- Dickerman, William C., Jr. (See Chewning, J. W., and Dickerman.)
- Dickermann, Harry K., Buffalo, and J. W. McCarthy, Lockport, N. Y., assignors to F. N. Burt Company, Limited, Toronto, Canada. Blank feeding and delivering mechanism. 2,021,648; Nov. 19.
- Dickerson Company, The. (See Carpenter, Walter E., assignor.)
- Dickerson, Delbert J., Los Angeles, Calif. Paint stripper. 2,016,545; Oct. 8.
- Dickerson, James H., New Philadelphia, Ohio. Method of and apparatus for cleaning coal. 2,022,588; Nov. 26.
- Dickerson, Walker T., Company. (See Gordon, Hiram, assignor.)
- Dickey, Charles T., Elizabeth, assignor to Dodic Rubber Corporation, Garwood, N. J. Platen, etc., for type-writing and like machines. 2,008,438; July 16.
- Dickey, Daniel A., Dayton, Ohio. Hollow steel propeller construction. 2,004,102; June 11.
- Dickey, Edward W., Aliquippa, Pa. Hydraulic brake apparatus. 1,986,799; Jan. 8.
- Dickey, Edward T., Philadelphia, Pa., assignor to Radio Corporation of America. Automatic volume control. 2,012,421; Aug. 27.
- Dickey, Ernest, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,021,052; Nov. 12.
- Dickey, Fred L., receiver, et al. (See Millsom, James A., assignor.)
- Dickey, Howard S., et al. (See Sargent, Edwin M., assignor.)
- Dickey, W. S., Clay Manufacturing Co. (See Millsom, James A., assignor.)
- Dickhauser, Ewald. (See Voss, A., and Dickhauser.)
- Dickhaut, Charles A., assignor to John Waldron Corporation, New Brunswick, N. J. Apparatus for roll coating. 1,987,183; Jan. 8.
- Dickhäuser, Ewald. (See Jochum, K., Voss, Geier, and Dickhäuser.)
- Dickie, William A. (See Dreyfus, H., Dickie, and North.)
- Dickie, William A. (See Dreyfus, H., Dickie, and Moncrieff.)
- Dickie, William A. (See Dreyfus, H., Dickie, and Taylor.)
- Dickie, William A., Spondon, near Derby, England, assignor to Celanese Corporation of America. Card clothing for textile machinery. 2,002,079; May 21.
- Dickie, William A., Spondon, near Derby, England, assignor to Celanese Corporation of America. Textile materials. 2,007,182; July 9.
- Dickie, William A., and F. C. Hale, Spondon, near Derby, England, assignors to Celanese Corporation of America. Circular loom for weaving. 1,990,064; Feb. 5.
- Dickie, William A., and F. C. Hale, Spondon, near Derby, England, assignors to Celanese Corporation of America. Circular loom for weaving. 1,990,065; Feb. 5.
- Dickie, William A., and R. W. Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile material. 1,995,296; Mar. 26.
- Dickie, William A., and P. F. C. Sowter, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of artificial material. 1,999,401; Apr. 30.
- Dickie, William A., and E. L. Greenwood, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile apparatus. 2,002,078; May 21.
- Dickie, William A., and R. W. Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile materials and the production thereof. 2,007,183; July 9.
- Dickie, William A., and F. C. Hale, Spondon, near Derby, England, assignors to Celanese Corporation of America. Shuttleless loom. 2,012,121; Aug. 20.
- Dickie, William A., and P. F. C. Sowter, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of artificial threads, films, and other products by wet spinning processes from solutions of cellulose esters or ethers. 2,025,730; Dec. 31.
- Dickleson, Edward F., Jr., Detroit, Mich., assignor to Eaton Manufacturing Company. Clutch. 1,989,404; Jan. 29.
- Dickins, Arthur W. M., and N. S. Kocher, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic dry mounting tissue. 2,017,144; Oct. 15.
- Dickinson, Arnold C. (See Bogoslawsky, Boris, assignor.)
- Dickinson, Arnold C., Lunenburg, Mass., assignor to Sardik Incorporated, Jersey City, N. J. Food product and preparing the same. 2,020,357; Nov. 5.
- Dickinson, Edgar D., Beverly, A. D. Somes, East Lynn, and F. R. Ericson, Marblehead, Mass., assignors to General Electric Company. Elastic fluid turbine. 1,997,456; Apr. 9.
- Dickinson, Edgar D., Beverly, Mass., assignor to General Electric Company. Shaft bearing for elastic fluid engines. 2,008,543; July 16.
- Dickinson, Fairleigh S., Rutherford, N. J. Syringe barrel. 1,998,982; Apr. 23.
- Dickinson, Frank R., Carshalton, England. Water closet. 2,009,916; July 30.
- Dickinson, James L., Chicago, Ill. Tool for applying tie wires. 1,990,583; Feb. 12.
- Dickinson, John A., Smooth Rock Falls, Ontario, Canada. Valve. 2,025,665; Dec. 24.
- Dickinson, John & Co. (See Ellens, William E., assignor.)
- Dickinson, Warren A., assignor to Proctor & Schwartz Incorporated, Philadelphia, Pa. Conveyer chain. 2,011,514; Aug. 13.
- Dickman, Jacob I., assignor of one-half to S. Bean, Los Angeles, Calif. Superheated steam flat iron. 1,991,381; Feb. 19.
- Dickman, Joseph, Cincinnati, Ohio, assignor to The Brick-in-Steel Fire Bowl Company. Fire bowl. 1,995,056; Mar. 19.
- Dickman, Sophie B. (See Anderson, Guy B., assignor.)
- Dickover, Isaac C., Detroit, Mich. Aerial toy. 2,023,124; Dec. 3.
- Dicks, Beauford H., Waupun, Wis. Route indicator for motor vehicles. 1,998,535; Apr. 23.
- Dickson, John, Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Auxiliary air arrangement for Diesel locomotives. 2,005,536; June 18.
- Dickson, John, Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Railway power plant. 2,007,795; July 9.
- Dickson, John V. M., Yonkers, assignor to The Barrett Company, New York, N. Y. Coal tar oil and pitch. 2,005,077; June 18.
- Dickson, Lawrence E., Chicago, Ill. Protective glove. 2,012,869; Aug. 27.
- Dickson, Leonard C., Swansea, Ontario, Canada. Basket carrier. 2,007,039; July 2.
- Dickson, William M., Woodside, Del., assignor to General Chemical Company, New York, N. Y. Insecticide. 1,987,391; Jan. 8.
- Dictaphone Corporation. (See Beard, T. H., Johnson, and Renholdt, assignors.)
- Dictaphone Corporation. (See Dolid, Jacob, assignor.)
- Dictaphone Corporation. (See Hawker, Landis W., assignor.)
- Dictaphone Corporation. (See Johnson, Arthur A., assignor.)
- Dictaphone Corporation. (See Lucarelle, Joseph M., assignor.)
- Dictaphone Corporation. (See Lucarelle, J. M., and Renholdt, assignors.)
- Dictaphone Corporation. (See Norton, Leland D., assignor.)
- Dictaphone Corporation. (See Norton, L. D., and Renholdt, assignors.)
- Dictaphone Corporation. (See Renholdt, John E., assignor.)
- Dictograph Products Company. (See Koch, Henry, assignor.)
- Dictograph Products Company. (See Waite, William H., assignor.)
- Didge, Lawrence, assignor of five percent to J. Machray, Jr., and six percent to J. Machray, Sr., New Orleans, La. Hat holder. 1,992,359; Feb. 26.
- Didier, William J., Racine, Wis. Artificial hmb joint construction. 2,000,066; May 7.
- Diebold Safe & Lock Co. (See Abbott, A. L., and Miller, assignors.)
- Diebold Safe & Lock Co. (See Miller, William C., assignor.)
- Diebold Safe & Lock Co. (See Miller, W. C., and Abbott, assignors.)
- Dieck, Wilhelm, Berlin, and S. Schiff, Berlin-Charlottenburg, Germany. Manufacturing bactericidal products and resulting product. 2,008,131 July 16.
- Dieckmann, Edna W., Orange, N. J. Terminal fixture aperture indicator. 2,015,101; Sept. 24.
- Diederich, John W., assignor to General Motors Corporation, Detroit, Mich. Auxiliary spring. 1,991,549; Feb. 19.

- Diefenbach, Ernst. (See Kranzlein, G., Diefenbach, and Correll.)
- Diefenderfer, Victor J. and A. C. Lova, Allentown, Pa. Warp-beaming machine. 2,001,486; May 14.
- Diehl, Carl H., Lawrence Park, Pa. Automatic safety signal. 1,995,297; Mar. 26.
- Diehl, Carl W., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Combined diffuser gap and fuse for transformer protection. 1,988,688; Jan. 22.
- Diehl, George A., Cumberland, Md. Sand drying device. 2,008,351; July 16.
- Diehl, John C., Erie, Pa., assignor to American Meter Company, New York, N. Y. Gas meter. 2,005,024; June 18.
- Diehl, John C., Erie, Pa., assignor to American Meter Company, New York, N. Y. Tangent. 2,005,025; June 18.
- Diehl, Lloyd H., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich. Floor mat. 1,987,585; Jan. 8.
- Diehl, Walter S., U. S. Navy. Venturi tube. 2,025,577; Dec. 24.
- Diehl, William S. (See Lyons, A. G., and Diehl.)
- Diehl, William C., Jr., Grantwood, N. J. Exhaust muffler. 2,022,029; Nov. 26.
- Diem, Hans, Neuchatel, assignor to firm Edouard Dubied & Cie., Société Anonyme, Neuchatel, Switzerland. Control device for the knitting members of flat knitting machines particularly pearl machines. 2,021,624; Nov. 19.
- Diem, Hans, assignor to the firm Edouard Dubied & Cie., Société Anonyme, Neuchatel, Switzerland. Crank driving arrangement for Jacquard controlled flat knitting machines. 2,025,499; Dec. 24.
- Diemer, Oscar E., Elizabeth, N. J. Body cloth. 1,999,753; Apr. 30.
- Dierker, Hugh E., Hollywood, Calif. Method and apparatus for rehabilitating peristalsis of the colon. 2,024,967; Dec. 17.
- Diesbach, Fritz G., assignor to Krauth & Benninghofen, Hamilton, Ohio. Autographic register. 2,016,242; Oct. 1.
- Diescher, August P., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Cross-roll delivery table. 1,992,360; Feb. 26.
- Diescher, August P., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Cooling rack. 1,992,361; Feb. 26.
- Diescher, August P., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Mandrel for tube rolling mills. 1,997,997; Apr. 16.
- Diescher, August P., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Tube elongating apparatus and method. 2,006,336; July 2.
- Diescher, August P., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Transfer mechanism. 2,024,513; Dec. 17.
- Diescher, August P., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Method and apparatus for making tubes. 2,024,514; Dec. 17.
- Diescher, Samuel E., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Rolling mill mandrel. 1,989,507; Jan. 29.
- Diescher, Samuel E., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Thrust indicator for guide disks. 1,996,148; Apr. 2.
- Diescher, Samuel E., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Cross-roll. 1,999,987; Apr. 30.
- Diescher, Samuel E., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Cross-roll delivery table. 2,011,802; Aug. 20.
- Diescher Tube Mills, Inc. (See Diescher, August P., assignor.)
- Diescher Tube Mills, Inc. (See Diescher, Samuel E., assignor.)
- Diesel, Norman F. (See Malm, C. J., Nadeau, and Diesel.)
- Dieselator Corporation of America. (See Wiley, Everett A., assignor.)
- Diesenberg, William G., Queens Village, N. Y., and John D. Johnston, Belford, N. J., assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Equilibrium device for a scale. 1,987,286; Jan. 8.
- Desendorfer, Walter, Vienna, Austria, assignor to General Electric Company. Protective arrangement. 2,008,544; July 16.
- Dieterich, Arthur B., assignor to Deere & Company, Moline, Ill. Corn sheller. 1,992,476; Feb. 26.
- Dieterich Corporation, The. (See Dieterich, Ludwig M., assignor.)
- Dieterich, Ludwig M., Los Angeles, Calif., assignor to The Dieterich Corporation, New York, N. Y. Photographic apparatus. 2,025,731; Dec. 31.
- Dieterich, Ludwig M., Los Angeles, Calif., assignor to Detracolor Ltd. Color photography. 2,005,970; June 25.
- Dieterich, Ludwig M., Newark, N. J. Method and apparatus for color photography and projection. 1,990,529; Feb. 12.
- Dieterle, Philipp, Winzeln, O. A., Oberndorf, assignor to Eisenfuchs G. m. b. H., Stuttgart, Germany. Paste strip machine. 1,994,854; Mar. 19.
- Dieterle, Walter, Dessau in Anhalt, Germany, and H. Dürr, Binghamton, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Sensitizing of silver halide emulsions. 2,020,636; Nov. 12.
- Diethelm, John A., et al. (See Rassmann, Hugo C., assignor.)
- Dietrich, Charles, Cleveland, Ohio, assignor to The Owen Silent Spring Company, Inc., Bridgeport, Conn. Fastening springs together. 2,002,080; May 21.
- Dietrich, Friedrich R., Pasing, near Munich, Germany. Reflector for lamps. 2,012,338; Aug. 27.
- Dietrich, Gustav H., Meinersdorf, Germany. Transferring a stocking structure and device therefor. 1,998,361; Apr. 16.
- Dietrich, Harold E., assignor to The Visking Corporation, Chicago, Ill. Tube-packaging machine and method. 2,010,626; Aug. 6.
- Dietrich, Julius F., Chicago, Ill. Desiccating machine. 2,023,468; Dec. 10.
- Dietrich, Karl, Hanover, Germany. Coin-freed locking device for typewriters. 2,015,787; Oct. 1.
- Dietrich, Louis E. (See Duff, J. D., and Dietrich.)
- Dietrich, Michael G., Rathdrum, Idaho. Automobile trunk. 1,990,271; Feb. 5.
- Dietrich, Werner, assignor to Roberts and Schaefer Company, Chicago, Ill. Universal screen. 2,019,661; Nov. 5.
- Dietrich, Wilhelm, and M. Harder, Oppau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Desulfurization and oxidation of hydrocarbons. 2,003,584; June 4.
- Dietrich, Wilhelm, Oppau, and M. Luther, Mannheim, assignors to I. G. Farbenindustrie Gesellschaft, Frankfurt-on-the-Main, Germany. Oxidation of hydrocarbon materials. 2,000,222; May 7.
- Dietrich, Wilhelm, Oppau, and M. Luther, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Oxidation of organic compounds. 2,008,490; July 16.
- Dietrichs, Charles, assignor to Walker Cement Products, Inc., Little Ferry, N. J. Cement shingle. 2,004,465; June 11.
- Dietrichson, William F. (See Clarke, A. W., and Dietrichson.)
- Dietrichson, William F., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Railway hopper car. 2,020,880; Nov. 12.
- Dietrichson, William F., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Railway car construction. 2,024,342; Dec. 17.
- Dietz, Andrew A. (See Smith, W. L., and Dietz.)
- Dietz, Ewald, Bloomfield, N. J., assignor to Westinghouse Lamp Company. Getter for incandescent lamps. 1,989,790; Feb. 5.
- Dietz, Frank S., Jamestown, N. Y. Means and method for weather stripping. 2,001,602; May 14.
- Dietz, Heinrich, Harleshausen, near Cassel, Germany. Apparatus for testing yarns or the like. 1,988,544; Jan. 22.
- Dietz, Joseph B., Lansdowne, and H. L. Plummer, Philadelphia, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Abrasive. 2,004,466; June 11.
- Dietz, Karl, Frankfurt-on-the-Main, and K. Frank, Bad Soden in Taunus, Germany, assignors, by mesne assignments, to Pen-Chlor, Inc., Philadelphia, Pa. Acid-proof mortar for lining cellulose digesters and a process of lining cellulose digesters. 1,996,859; Apr. 9.
- Dietz, Valentin, Cologne, Germany, assignor to Erwin B. Elliott and M. C. Boyd, Miami, Fla. Printing. 2,023,669; Dec. 10.
- Dietze, Eginhard. (See Edwards, W. H., and Dietze.)
- Dietze, Emil, Richmond Hill, assignor to American Casting & Manufacturing Corporation, Brooklyn, N. Y. Seal. 2,006,042; June 25.
- Dietze, Emil, Richmond Hill, assignor to American Casting & Manufacturing Corporation, Brooklyn, N. Y. Band seal. 2,021,933; Nov. 26.
- Dietze, Richard, Berlin-Pankow, Germany, assignor to General Electric Company. High voltage generator. 2,021,000; Nov. 12.
- Dietzel, Albert, Pittsburgh, Pa. Circulator for pickling baths. 2,008,853; July 23.
- Dietzius, Hans. (See Peineke, W., Reschke, and Dietzius.)
- Dietzler, Andrew J. (See Perkins, R. P., Dietzler, and Lundquist.)
- Dietzler, Andrew J. (See Stoesser, W. C., and Dietzler.)
- Dietzmeyer, Jacob J. (See Wagner, Irving G., assignor.)
- Diffenbach, Ernst. (See Kränzlein, G., and Diffenbach.)
- Diffenderfer, Benjamin F., Downingtown, Pa. Tank construction. 2,009,606; July 30.
- Diffin, Harry D. (See Penny, Fred C., assignor.)
- Dight, Sidney R., Haslar, Gosport, England, assignor to G. & J. Weir, Limited, Glasgow, Scotland. Boiler feed water regulator and like apparatus for regulating liquid levels. 2,016,229; Oct. 1.
- Di Giacinto, Rosario, Toughkenamon, Pa. Mushroom spawn. 2,005,365; June 18.
- Di Giulio, Angelo, Lodi, N. J. Hygienic and safety bottle cover. 1,987,184; Jan. 8.
- Dignan, Ernest M., assignor of one-half to Percival Glen Lawson-Johnston, London, England. Detachable sole and heel. 1,988,485; Jan. 22.
- Di Guistin, Carmine, Vancouver, British Columbia, Canada. Street reflector sign. 2,017,617; Oct. 15.
- Dijksterhuis, Popko R., Eindhoven, Netherlands, assignor to Radio Corporation of America. Signaling. 1,987,470; Jan. 8.
- Dijksterhuis, Popko R., Eindhoven, Netherlands, assignor to Radio Corporation of America. Electrodynamical device. 1,990,858; Feb. 12.

- Dijksterhuis, Popko R., Eindhoven, Netherlands, assignor to Radio Corporation of America. Controlling the terminal pressure of an electric device. 2,018,348; Oct. 22.
- Dike, Theodore W. (See Bowen, A. H., and Dike.)
- Dike, Theodore W., assignor to I. F. Laucks, Inc., Seattle, Wash. Casein glue. 2,016,707; Oct. 8.
- Dikeman, Frank N., Detroit, Mich. Adjustable oven broiler. 2,006,385; July 2.
- Dileo, Dominick, Utica, N. Y. Fishing rod handle and reel support. 2,010,627; Aug. 6.
- Dilger, Ben L., Birmingham, Ala. Washboard support for bathtubs. 2,007,522; July 9.
- Dilke, William E. (See Watkins, Douglas M., assignor.)
- Dilks, Charles F. (See Eaves, W. C., and Dilks.)
- Dill, Charles H., Mount Lebanon, Pa. Road construction. 1,987,392; Jan. 8.
- Dill, Charles M., Manoa, Pa. Blackboard frame construction. 1,991,882; Feb. 19.
- Dill Manufacturing Company, The. (See Crowley, John C., assignor.)
- Dill Manufacturing Company, The. (See Krause, Conrad B., assignor.)
- Dill, Norman A., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener device. 2,012,241; Aug. 20.
- Dillehay, Edward R., Glen Ellyn, and O. G. Rieser, Oak Park, Ill., assignors to The Richardson Company, Lockland, Ohio. Composition for storage battery containers. 2,000,582; May 7.
- Dillenback, Frank C., Grand Rapids, Mich. Food mould. 2,013,879; Sept. 10.
- Dillenback, Garrett V. V., Jr., Slingerlands, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Television motor structure. 2,006,796; July 2.
- Diller, Alvin L., Belmont, and L. H. L'Hollier, Waltham, assignors to Hood Rubber Company, Inc., Watertown, Mass. Making ornamental rubber articles. 2,002,391; May 21.
- Diller, Chester A., Lancaster, Pa. Closure operator. 1,996,860; Apr. 9.
- Dilley, Edward F., Williamsport, Ind. Detachable pouring spout. 2,024,913; Dec. 17.
- Dillhoefer, Henry M., Cleveland Heights, Ohio. Container. 1,996,751; Apr. 9.
- Dillhoefer, Henry M., Cleveland Heights, Ohio. Container. 2,024,029; Dec. 10.
- Dillhoefer, Henry M., Jr., Cleveland Heights, Ohio. Container. 2,025,852; Dec. 31.
- Dillier, Alfred, Aesch/Basel, and J. Gabler, Basel, Switzerland. Propelling pencil. 1,987,393; Jan. 8.
- Dillinger, Charles E., Orcutt, Calif. Exhaust steam condenser, oil separator, and feed water heater and purifier. 2,025,043; Dec. 24.
- Dillinger, Joy F. (See Bozorth, R. M., and Dillinger.)
- Dillingham, Charles K., Plainfield, N. J., and P. D. Cannon, Philadelphia, Pa., assignors to Johns-Manville Corporation, New York, N. Y. Packing material. 2,012,711; Aug. 27.
- Dillman, Earnest J. (See Eggleston, L. W., and Dillman.)
- Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 1,992,155; Feb. 19.
- Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Apparatus and method for controlling refrigeration. 2,008,663; July 23.
- Dillman, Joseph, Strasburg, N. Dak. Insect exterminator. 1,989,405; Jan. 29.
- Dillon, Enos L., Butternut, Wis. Bolt. 2,016,960; Oct. 8.
- Dillon, Harry T. (See Holman, John O., assignor.)
- Dillon, Herbert G., W. C. Dreyer, and H. C. Jenks, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic drilling system for rotary drilling equipment. 2,005,889; June 26.
- Dillon, Hugh J., Highland Park, Mich. Spring and axle construction for vehicles. 1,995,500; Mar. 26.
- Dillon, Hugh J., Highland Park, Mich. Vehicle cab. 1,995,501; Mar. 26.
- Dillon, Hugh J., Highland Park, Mich. Vehicle. 2,004,749; June 11.
- Dillon, Hugh J., Detroit, Mich. Vehicle. 2,004,748; June 11.
- Dillon, Lyle, assignor to Union Oil Company of California, Los Angeles, Calif. Apparatus for counting casing or tubing collars. 1,988,785; Jan. 22.
- Dillon, Lyle, Los Angeles, and R. W. Phelps, Brea, assignors to Union Oil Company of California, Los Angeles, Calif. Casing meter. 1,993,877; Mar. 12.
- Dillon, Paul W., assignor to Northwestern Barb Wire Company, Sterling, Ill. Galvanizing apparatus and method. 2,010,946; Aug. 13.
- Dillon, Saunders C., et al. (See Kelley, Edward M., assignor.)
- Dillon, Saunders C., et al. (See Walker, Henry, assignor.)
- Dillon, Stephen V., Tulsa, Okla. Well equipment. 2,002,140; May 21.
- Dillon, William A., St. Louis, Mo. Strainer. 1,996,279; Apr. 2.
- Dillström, Torbjörn V., Stockholm, Sweden, assignor to Hesselman Motor Corporation, Ltd., London, England. Internal combustion engine. 2,001,456; May 14.
- Dillström, Torbjörn V., and P. A. Åstradsson, Stockholm, and F. Dahlgren, Djursholm, near Stockholm, Sweden. Electric motor. 2,003,647; June 4.
- Di Luggio, Ralph. (See Schiavulli, Rudolph, assignor.)
- Di Mauro, Giuseppe, Brooklyn, N. Y., assignor of two-thirds to W. M. Goldweber, Bayonne, N. J. Collapsible container. 2,000,067; May 7.
- Dimberg, Paul C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Uniting nickel chrome steel turbine blades. 2,000,692; May 7.
- Dimm, Charles M. (See Mallett, John P., assignor.)
- Dimmick, Blees C., assignor to Keystone Steel & Wire Company, Peoria, Ill. Method and apparatus for drawing and coating wire. 2,011,398; Aug. 13.
- Dimmick, Glenn L., Westmont, N. J., assignor to Radio Corporation of America. Apparatus for recording electrical impulses. 1,989,973; Feb. 5.
- Dimmick, Glenn L., Westmont, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Recording sound. 1,999,721; Apr. 30.
- Dimmick, Glenn L., Westmont, N. J., assignor to Radio Corporation of America. Sound recording apparatus. 2,022,495; Nov. 26.
- Dimmig, Howard, New York, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Apparatus employed in the treatment of hydrocarbon oils. 2,020,241; Nov. 5.
- Dimond, Thomas L., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical counting system. 1,997,208; Apr. 9.
- Dimond, Thomas L., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,002,219; May 21.
- Dimond, Thomas L., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,022,030; Nov. 26.
- Dimond, Thomas L., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical counting system. 2,023,010; Dec. 3.
- Dina, Augusto, New York, N. Y. Framing mechanism. 2,017,589; Oct. 15.
- Dingeldey, Louis G. (See Jaffe, I., and Dingeldey.)
- Dings Magnetic Separator Co. (See Crockett, Robert E., assignor.)
- Dings Magnetic Separator Co. (See Hope, James L., assignor.)
- Dinhof, Julius, New York, N. Y. Connection device for wrist watches. 2,009,483; July 30.
- Dinhof, Julius, New York, N. Y. Connection device for wrist watches. 2,009,484; July 30.
- Dinkel, Paul, Jr., San Francisco, Calif. Relay for railway signal systems. 1,987,144; Jan. 8.
- Dinkins, Abe. (See Upp, Ada R., assignor.)
- Dinkler, Walter. (See Pier, M., and Dinkler.)
- Dinley, Clarence F., Detroit, Mich., assignor to J. H. Bell, Philadelphia, Pa. Apparatus for treatment with solvents. 1,987,586; Jan. 8.
- Dinley, Clarence F., Detroit, Mich., assignor to J. H. Bell, Philadelphia, Pa. Apparatus for cleaning with solvents. 2,018,648; Oct. 22.
- Dinnes, William, Evon Township, Oakland County, Mich. Closure for collapsible tubes. 2,025,810; Dec. 31.
- Dinspel, William H., Bellrose Manor, N. Y. Pneumatic conveyer tube. 2,016,800; Oct. 8.
- Dinspel, William H., Bellrose Manor, N. Y. Pneumatic dispatch apparatus. 2,022,077; Nov. 26.
- Dintilhac, Jean G., assignor to Society "Yacco S. A. F.", Paris, France. Air cooling system for motors. 2,004,040; June 4.
- Dintilhac, Jean G., assignor to Society "Yacco S. A. F.", Paris, France. Motor cooling assembly. 2,007,080; July 2.
- Dinzl, Richard W., Drexel Hill, assignor to Baldwin-Southark Corporation, Eddystone, Pa. Hydraulic accumulator. 1,987,609; Jan. 15.
- Dinzl, Richard W., Philadelphia, Pa., assignor, by mesne assignments, to Baldwin-Southark Corporation. Portable testing machine. 2,001,711; May 21.
- Dinzl, Richard W., Philadelphia, Pa., assignor, by mesne assignments, to Baldwin-Southark Corporation. Press mechanism. 2,001,712; May 21.
- Di Orlo, Pasqual, and M. Schmidhofer, assignors of one-fifth to C. Michel, one-fifth to R. O. Bynum, and one-fifth to E. E. Schmidhofer, Chicago, Ill. Alarm and watchman system. 1,996,693; Apr. 2.
- Dippel, Cornelis J. (See de Boer, J. H., and Dippel.)
- Dippel, Cornelis J. (See van der Willigen, P. C. de Boer and Dippel.)
- Dippel, Cornelis J., Eindhoven, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Carrier for records. 2,019,215; Oct. 29.
- Dippel, Cornelius S., Woodcliff, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Making a pattern record. 2,016,416; Oct. 8.
- Direct Current Welding Company. (See Adams, James L., Jr., assignor.)
- Direct Current Welding Company. (See Kachel, Henry W., assignor.)
- Direct Current Welding Company. (See Sykes, Wilfred, assignor.)
- Direct Separator Company, Inc., The. (See Powers, James B., assignor.)
- Dirkes, Carl E., Detroit, Mich., assignor to The Farval Corporation, Cleveland, Ohio. Metering control mechanism. 1,995,342; Mar. 26.

- Dirkes, Robert F., Jamaica, assignor to The Western Union Telegraph Company, New York, N. Y. Shift control for telegraph printers. 2,003,177; May 28.
- Dirkes, Robert F., New York, N. Y., and Rollins Wentworth, Verona, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Multichannel telegraph printer. 1,986,768; Jan. 1.
- Dirkes, Robert F., Jamaica, N. Y., and E. R. Wheeler, Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Tape control mechanism. 1,994,017; Mar. 12.
- Dirkes, Robert F., Jamaica, N. Y., and E. R. Wheeler, Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Start-stop telegraph system. 2,019,847; Nov. 5.
- Dirkes, Robert F., Jamaica, N. Y., and M. R. Marsh, Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Selective market system. 2,023,952; Dec. 10.
- Dirkes, Robert F., Jamaica, and G. I. Roberts, New York, assignors to The Western Union Telegraph Company, New York, N. Y. Tape puller control. 2,025,679; Dec. 24.
- Dirr, George, Cincinnati, Ohio. Eyeglasses. 1,988,646; Jan. 22.
- Disbro, Roger W. (See Reynolds, M. P., and Disbro.)
- Disbro, Roger W., Shaker Heights, and J. Boehm, University Heights, assignors to The W. S. Tyler Company, Cleveland, Ohio. Woven wire screen. 2,024,806; Dec. 17.
- Disch, John E., assignor to Daniel Green Company, Dolgeville, N. Y. Shoe. 1,989,613; Jan. 29.
- Disney, George E., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Shaping apparatus. 1,989,474; Jan. 29.
- Disston, Henry, & Sons, Incorporated. (See Allen, Henry B., assignor.)
- Disston, Henry, & Sons, Incorporated. (See Blum, Arthur N., assignor.)
- Disston, Henry, & Sons, Incorporated. (See Freas, Samuel T., assignor.)
- Disston, Henry, & Sons, Incorporated. (See Smith, John R., assignor.)
- Di Stasio, Joseph, Newark, N. J. Building construction. 2,006,070; June 25.
- Distel, William R. (See Alderks, O. H., Distel, and Taylor.)
- Distel, Alfred, Olten, Switzerland, assignor to Ernst Leitz, Optische Werke, G. m. b. H., Wetzlar, Germany. Microscillograph. 2,007,017; July 2.
- Distler, Julius P. (See Bailey, C. F., and Distler.)
- Distillers Company Limited, The. (See Eyre, J. V., and Langwell, assignors.)
- Distillers Company Limited, The. (See Langwell, Herbert, assignor.)
- District of Columbia Paper Manufacturing Company. (See Harrigan, H. R., and Krauss, assignors.)
- Ditcham, William T., Chelmsford, Essex, England, assignor to Radio Corporation of America. Signaling. 2,003,285; June 4.
- Ditcham, William T., Chelmsford, England, assignor to Radio Corporation of America. Modulated carrier wave system. 2,015,175; Sept. 24.
- Ditcham, William T., Chelmsford, England, assignor to Radio Corporation of America. Modulated carrier wave transmitter. 2,017,118; Oct. 15.
- Ditchfield, Frank. (See McWilliams, J. P., and Ditchfield.)
- Ditchfield, Frank, assignor of one-half to The Youngstown Steel Door Company, Cleveland, Ohio, and one-half to Pressed Steel Car Company, Pittsburgh, Pa. House car. 2,000,164; May 7.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. House car. 2,000,320; May 7.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. 2,003,040; May 28.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Transporting articles. 2,005,823; June 25.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Converted house car. 2,010,143; Aug. 6.
- Ditmars, John R. (See Boyce, Charles M., assignor.)
- Dittman, Fred W., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Article retaining device. 1,989,000; Jan. 22.
- Dittman, Fred W., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Key ring assembly for key chains. 1,989,001; Jan. 22.
- Dittmar, William W., and I. S. Barto, Williamsport, Pa. Merry-go-round. 2,012,378; Aug. 27.
- Ditto, Incorporated. (See Duncan, J. K., and Johnson, assignors.)
- Ditto, Incorporated. (See Duncan, J. K., Whitehead and Cheney, assignors.)
- Ditto, Incorporated. (See Hernlund, John W., assignor.)
- Ditto Incorporated. (See Hernlund, J. W., and Jagger, assignors.)
- Ditto, Incorporated. (See Hernlund, J. W., and Stewart, assignors.)
- Ditto Incorporated. (See Jagger, H., and Harnlund, assignors.)
- Ditto, Incorporated. (See Johnson, C. N., and Carr, assignors.)
- Ditto, Incorporated. (See Johnson, C. N., and Marchev, assignors.)
- Ditto Incorporated. (See Marchev, Alfred, assignor.)
- Ditto, Incorporated. (See Marchev, A., and Hernlund, assignors.)
- Ditto, Incorporated. (See McCain, C. C., and Hernlund, assignors.)
- Ditto Incorporated. (See Meyer, Alva H., assignor.)
- Ditto Incorporated. (See Whitmore, William B., assignor.)
- Ditty, Ralph, Shaker Heights, assignor to The Federal Foundry Supply Company, Cleveland, Ohio. Chaplet. 2,013,746; Sept. 10.
- Ditty, Ralph, Shaker Heights, assignor to The Federal Foundry Supply Company, Cuyahoga Heights Village, Ohio. Chaplet. 2,017,952; Oct. 22.
- Dival, Edgar F., Western Springs, Ill., assignor to International Patents Development Company, Wilmington, Del. Can. 1,987,055; Jan. 8.
- Diver, Arthur H., Naugatuck, Conn. Adjustable step-ladder. 2,006,674; July 2.
- Divney, Raymond P., assignor to The Perfection Steel Body Company, Galion, Ohio. Extension axle unit for trucks. 2,002,851; May 28.
- Divney, Raymond P., assignor to The Perfection Steel Body Company, Galion, Ohio. Third axle unit for trucks. 2,002,852; May 28.
- Dix, Howard W., assignor, by mesne assignments, to Ferrocon Corporation, New York, N. Y. Structural unit building member. 2,010,848; Aug. 13.
- Dixon, Arthur R., Rowayton, Conn., assignor to National Kellastone Company, New York, N. Y. Wall tile. 1,994,172; Mar. 12.
- Dixon, Cornelius W., assignor to C. A. Tompkins, Jacksonville, Fla. Turpentine cup and hanger therefor. 2,006,083; June 25.
- Dixon, Harold C., Chicago, Ill., assignor to Pressed Steel Car Company, Pittsburgh, Pa. Railway brake beam support. 2,005,076; June 18.
- Dixon, Harold W. A., Hollis, N. Y. Marking compound. 1,988,723; Jan. 22.
- Dixon, Harold W. A., Hollis, and R. S. Moore, Great Neck, assignors to Columbia Ribbon and Carbon Manufacturing Company, Inc., Glen Cove, N. Y. Adhesive carbon paper. 2,022,276; Nov. 26.
- Dixon, Howard F., Buffalo, N. Y., assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Wheel assembly. 1,991,497; Feb. 19.
- Dixon, Joseph, Crucible Company. (See Shonnard, Orlando D., assignor.)
- Dixon, Joseph, Crucible Company. (See Windfuhr, Fred, assignor.)
- Dixon, Lewis M., Sea Cliff, N. Y. Wrapping machine. 1,987,185; Jan. 8.
- Dixon, Lewis M., Bloomfield, N. J., assignor to Columbia Ribbon and Carbon Manufacturing Company, Inc., Glen Cove, N. Y. Wrapping machine. 2,012,304; Aug. 27.
- Dixon, Lewis M., Bloomfield, N. J., assignor to Columbia Ribbon and Carbon Manufacturing Company, Inc., Glen Cove, N. Y. Package and making same. 2,016,138; Oct. 1.
- Dixon, Oscar R. (See Coleman, George G., assignor.)
- Dixon, Paul H., Springfield, Ill. Rotary sewing hook. 2,016,364; Oct. 8.
- Dixon, Paul H., Springfield, Ill. Finishing the marginal edge of leather or fabric articles. 2,026,222; Dec. 31.
- Dixon, Reginald J., assignor to A. C. Wickman Limited, Coventry, England. Lathe and like machine tool. 2,007,564; July 9.
- Dixon, Walter L., Boston, and A. G. Gilbert, South Acton, assignors to Reece Folding Machine Company, Boston, Mass. Blank infolding and indenting machine. 1,997,576; Apr. 16.
- Doan, Theodore H., Cleveland Heights, assignor to The Foote Burt Company, Cleveland, Ohio. Tapping machine. 1,996,752; Apr. 9.
- Doane, Carleton B., Upper Darby, Pa. Elevator guide rail lubricator. 1,990,777; Feb. 12.
- Doane, Charles F., Salem, Ore. Package of cheese and preparing same. 2,018,637; Oct. 22.
- Doane, Harry C., Flint, assignor to General Motors Corporation, Detroit, Mich. Ignition system. 1,998,710; Apr. 23.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Lighting unit. 1,987,471; Jan. 8.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Telescoping lamp part. 1,994,886; Mar. 19.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Indirect lighting fixture employing ultraviolet and incandescent lamps. 1,998,573; Apr. 23.
- Doane, Leroy C., Meriden, Conn., assignor to E. L. Canfield, Hillside, N. J. Lighting appliance. 2,002,313; May 21.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Lighting fixture. 2,007,040; July 2.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Disconnecting holder. 2,015,715; Oct. 1.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Lighting fixture. 2,017,953; Oct. 22.
- Doba, Stephen, Jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,012,810; Aug. 27.
- Doba, Stephen, Jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission system. 2,018,489; Oct. 22.

- Dobbins, Edward J., assignor to Googly Limited, London, England. India-rubber and like ball. 2,006,230; June 25.
- Dobbins Manufacturing Company, The. (See Brandt, H. E., and Guttman, assignors.)
- Dobbins, Verne F. (See Johns, H., and Dobbins.)
- Dobbs, Ernestine H. (See Rollins, G. DeW., and Dobbs.)
- Dobbs, William G., Auburn, N. Y. Bathing pool. 1,997,249; Apr. 9.
- Dobbyn, Dora C., Astoria, N. Y. Massaging device. 2,023,412; Dec. 10.
- Dobeckmun Company, The. (See Becker, L. A., and Munson, assignors.)
- Dobeckmun Company, The. (See Becker, Logan A., assignor.)
- Dobke, Günther, Berlin-Reinickendorf, Germany, assignor to General Electric Company. Electric discharge apparatus. 2,025,578; Dec. 24.
- Dobke, Günther, Berlin-Reinickendorf, and P. Kotowski, Berlin, Germany, assignors to General Electric Company. Electrical oscillation circuits. 2,008,545; July 16.
- Doble, Blanche L., et al. (See Corbett, Lawrence W., assignor.)
- Doble, Blanche L., et al. (See Corbett, L. W. and Doble, assignors.)
- Doble, Bryan H., Chicago, Ill. File indicator. 2,006,945; July 2.
- Doble, Charles F., Great Neck, N. Y., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Paper bag. 1,991,450; Feb. 19.
- Doble, Ralph N. (See Corbett, L. W., and Doble.)
- Doble, William H., et al. (See Corbett, L. W., and Doble, assignors.)
- Doble, William H., et al. (See Corbett, Lawrence W., assignor.)
- Dobler, Erich. (See Arnold, H., and Dobler.)
- Dobler, Erich, F. Schulz, and L. Holm, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Control arrangement. 2,013,435; Sept. 3.
- Dobmaier, Karl. (See Clingstien, H., and Dobmaier.)
- Dobmaier, Karl. (See Stüsser, R., Dobmaier, and Stroebel.)
- Dobrichovsky, Jerry, New York, N. Y. Safety grip lock cylinder. 1,987,434; Jan. 8.
- Dobrick, August C., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Wash basin fixture. 2,009,607; July 30.
- Dobron, Mathew, Point Pleasant, Pa. Floral structure. 1,994,694; Mar. 19.
- Dobruskin, Sajwell, Berlin, Germany. Luminous device. 1,998,121; Apr. 16.
- Dobruskin, Sajwell, Berlin, Germany, assignor of forty percent to Radio Patents Corporation, New York, N. Y. Illuminating device. 2,018,254; Oct. 22.
- Dohry, Alma, assignor to Compagnie de Produits Chimiques et Electrometallurgiques Olais, Froges et Camargue, Paris, France. Treating cellulosic matter. 2,022,589; Nov. 26.
- Dobson, George, New York, N. Y. Steering mechanism for vehicles. 1,990,530; Feb. 12.
- Dobson, William A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,988,189; Jan. 15.
- Dobson, William A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,988,940; Jan. 22.
- Dobyne, Stevenson A., assignor to Champion Shoe Machinery Company, St. Louis, Mo. Trimming machine. 1,996,464; Apr. 2.
- Dobyne, John C., St. Louis, Mo. Sole channeling machine. 2,012,122; Aug. 20.
- Dobyns, James A. (See Ogden, A. F., Jr., and Dobyns.)
- Docherty, Samuel, Firthcliffe, assignor, by mesne assignments, to American Safety Razor Corporation, Brooklyn, N. Y. Pile wire. 1,988,168; Jan. 15.
- Dock, Webster R. (See Kieckhefer, H. M., and Dock.)
- Doctor, Oscar W. (See Mescon, Morris, assignor.)
- Doctor, Oscar W. (See Mescon, M., and Doctor.)
- Dodd, Gerald D., Plainfield, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Closure for pressure vessels. 2,009,877; July 30.
- Dodd, Henry S., assignor to Canadian Chromalox Company Limited, Toronto, Ontario, Canada. Hot water heater. 1,993,037; Apr. 23.
- Dodd, John A., Atlanta, Ga. Automatic air-draft regulator. 1,990,778; Feb. 12.
- Dodds, Harvey E., Toronto, Ontario, Canada. Ski binding. 2,014,199; Sept. 10.
- Dodds, Rufus D., Houston, Tex. Sample taking device. 2,019,168; Oct. 29.
- Dodds, Samuel R., Pittsburgh, Pa. Rail joint. 2,007,367; July 9.
- Dodds, Stanley S., San Benito and J. D. French, Austin, Tex. 1,993,775; Mar. 12.
- Dodelin, Emil A., Moorestown, N. J. Toilet paper holder. 2,025,732; Dec. 31.
- Dodelin, Fred A., Glen Ridge, assignor to Pyrene Manufacturing Company, Newark, N. J. Fire extinguisher holder or support. 2,017,531; Oct. 15.
- Dodge, Adiel Y., South Bend, Ind. Variable speed transmission. 2,003,108; May 28.
- Dodge, Adiel Y., South Bend, Ind. Variable speed transmission. 2,006,160; June 25.
- Dodge, Adiel Y., South Bend, Ind. Transmission. 2,007,442; July 9.
- Dodge, Adiel Y., South Bend, Ind. Variable speed transmission. 2,011,101; Aug. 13.
- Dodge, Adiel Y., South Bend, Ind. Rotation control. 2,023,579; Dec. 10.
- Dodge, Adiel Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Connection. 1,986,428; Jan. 1.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,987,002; Jan. 8.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,989,131; Jan. 29.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Electrical disk brake. 1,991,498; Feb. 19.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,993,878; Mar. 12.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,994,813; Mar. 19.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Brake and clutch operating mechanism. 1,994,814; Mar. 19.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,995,380; Mar. 26.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,996,235; Apr. 2.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,996,795; Apr. 9.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Clutch mechanism. 1,998,659; Apr. 23.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,998,660; Apr. 23.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,999,447; Apr. 30.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,003,107; May 23.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,007,270; July 9.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubrication device. 2,007,707; July 9.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Display stand. 2,009,485; July 30.
- Dodge, Adiel Y., assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind. Brake. 2,012,659; Aug. 27.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Securing lubrication fittings to receiving members. 2,025,224; Dec. 24.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,025,229; Dec. 24.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,025,232; Dec. 24.
- Dodge, Barnett F., New Haven, Conn., assignor to S. Karpen & Bros., Chicago, Ill. Methanol manufacture and catalyst therefor. 2,014,883; Sept. 17.
- Dodge, Frank A., Balboa, Canal Zone. Shell dispenser. 1,988,190; Jan. 15.
- Dodge, Harry H., Williamsport, Pa. Atmospheric gas burner. 2,002,448; May 21.
- Dodge, H. B., and Company. (See Pratt, Raymond C., assignor.)
- Dodge, Howard M., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Doll assembly. 1,998,864; Apr. 23.
- Dodge, Howard M., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making a strip of rubber material. 2,023,268; Dec. 3.
- Dodge, John H., et al., trustees. (See Dodge, John S., assignor.)
- Dodge, John S., Paxton, assignor to H. Sinclair, J. H. Dodge, Worcester, and L. C. Smith, Newton Center, Mass., trustees. Reversible ratchet wrench. 2,003,346; June 4.
- Dodge, Lloyd L., assignor to Rhineland Paper Company, Rhineland, Wis. Making laminated paper. 1,986,961; Jan. 8.
- Dodge, Lloyd L., assignor to Rhineland Paper Company, Rhineland, Wis. Paper and making same. 1,992,996; Mar. 5.
- Dodge, Merton, L. (See Troyer, N., and Dodge.)
- Dodge, Milton L., Newburyport, Mass. Counter molding mechanism. 2,010,351; Aug. 6.
- Dodge, Sherwood O., Medford, assignor to H. F. Livermore Co., Allston, Mass. Protector-rod finger for looms. 1,996,280; Apr. 2.
- Dodge, Sherwood O., Medford, assignor to Guaranteed Parts, Inc., Allston, Mass. Friction device for filling carriers. 2,005,856; June 25.
- Dodge, Sherwood O., Medford, assignor to Guaranteed Parts, Inc., Allston, Mass. Friction device for filling carriers. 2,008,204; July 16.
- Dodge, Sherwood O., Medford, assignor to Guaranteed Parts, Inc., Allston, Mass. Bearing pin for teape rolls. 2,012,713; Aug. 27.

- Dodge, Sherwood O., Medford, and H. J. Malafey, Brighton, assignors to H. F. Livermore Co., Allston, Mass. Clamp for drop wire bars. 2,012,712; Aug. 27.
- Dodge, Will K., Upper Lake, Calif. Demountable wheel. 2,001,242; May 14.
- Dodgem Corporation. (See Stoehrer, H., and Markey, assignors.)
- Dodgson, Frank L., assignor to General Railway Signal Company, Rochester, N. Y. Train dispatching system for railroads. 1,990,472; Feb. 12.
- Dodok, John A., et al. (See Luce, William A., assignor.)
- Dodson, Edward, Streatham, London, England. Throttle control for supercharged aircraft engines. 1,995,800; Mar. 26.
- Dodson, Edward, Streatham, London, England. Controlling supercharged or other high compression ratio aircraft engine. 1,998,362; Apr. 16.
- Dodson, William C. (See Drum, H. S., and Dodson.)
- Doe, Hans H. (See Abraham, Lloyd M., assignor.)
- Doeg, Ralph W., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,018,515; Oct. 22.
- Doelling, George L., assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid composition. 1,997,998; Apr. 16.
- Doenges, William F., San Antonio, Tex. Tumbler for combination locks. 2,016,487; Oct. 8.
- Doering, Charles, Chicago, Ill. Molding device. 1,997,049; Apr. 9.
- Doering, Charles, Chicago, Ill. Continuous butter producer. 1,997,999; Apr. 16.
- Doering, Charles, Chicago, Ill. Portable beer dispenser. 1,998,000; Apr. 16.
- Doering, Charles, Chicago, Ill. Continuous butter churn. 2,020,878; Nov. 12.
- Doering, Frank F. W., Los Angeles, Calif. Manifold attachment for internal combustion engines. 1,998,494; Apr. 23.
- Doering Research & Development Corporation. (See Alstad, G. C., and Baumgartner, assignors.)
- Doering, Ulrich. (See Spanner, H. J. and Doering.)
- Doerr, Josef, et al. (See Kiefaber, E. W., Doerr, Whitson, and Cregmille.)
- Doerrich, Frederick F. (See Brunk, H. J., and Doerrich.)
- Doherty, Cecilia, Los Angeles, Calif. Notebook holder for typewriters. 2,006,887; July 2.
- Doherty, Grace, New York, N. Y. Electric heater. 1,990,640; Feb. 12.
- Doherty, Harold F., Bridgeport, Conn., assignor to Jenkins Bros., New York, N. Y. Throttle valve. 2,001,487; May 14.
- Doherty Research Company. (See Brandt, David G., assignor.)
- Doherty Research Company. (See Burke, S. P., and Fryling, assignors.)
- Doherty Research Company. (See Engelke, Ernest F., assignor.)
- Doherty Research Company. (See Goldsborough, Winder E., assignor.)
- Doherty Research Company. (See Keller, Theodore P., assignor.)
- Doherty Research Company. (See Laird, Wilbur G., assignor.)
- Doherty Research Company. (See Merley, Sylvan R., assignor.)
- Doherty Research Company. (See Morgan, John D., assignor.)
- Doherty Research Company. (See Morgan, J. D., and Levitt, assignors.)
- Doherty Research Company. (See Space, James A., assignor.)
- Doherty, Wilfred T., Houston, Tex., assignor to Standard Oil Development Company. Cleaning composition. 2,016,265; Oct. 1.
- Dohm, Elizabeth, assignor of one-half to F. R. Seyfried, Toledo, Ohio. Dermatology mask. 2,002,449; May 21.
- Dohren, Oscar, Springfield Gardens, N. Y. Button and loon clasp. 2,016,192; Oct. 1.
- Dohrmann, Henry A., assignor to Midland Specialties Company, Chicago, Ill. Gauge can or receptacle. 1,989,167; Jan. 29.
- Dohrwardt, John F., South Milwaukee, assignor, by mesne assignments, to T. A. Miller, Milwaukee, Wis. Chain link. 1,995,273; Mar. 19.
- Doig, David C., Whetstone, London, assignor to Sikaf-Francois Limited, London, England. Tunnel lining. 2,015,102; Sept. 24.
- Dolan, David J., Cleveland, Ohio. Airplane. 1,996,281; Apr. 2.
- Dolan, David J., and F. R. Higley, Cleveland Heights, Ohio, assignors to The Cardel Company, Inc., Chester, Pa. Automobile railway car. 1,994,695; Mar. 19.
- Dolan, Edward F., assignor of one-fifth to H. E. W. Bentele, and four-fifths to R. E. Dolphin, Scranton, Pa. Camera. 1,991,924; Feb. 19.
- Dolan, Frank J., Brooklyn, N. Y., assignor to J. M. Price, Container. 1,988,034; Jan. 15.
- Dolan, John, Fords, assignor of seven and one-half per cent to A. D. Antonio, Perth Amboy, N. J., and three per cent to J. H. Volkmann, Union City, N. J. Beverage cooling and dispensing system. 2,025,651; Dec. 24.
- Dolbear, Benjamin L., Belmont, Mass., assignor to Radio Corporation of America. Direction finder balancer. 2,026,123; Dec. 31.
- Dolbey, Norman L., Leeds, England. Coating machine. 1,990,584; Feb. 12.
- Dolbey, Norman L., Leeds, England. Coating process. 1,990,585; Feb. 12.
- Dolder, John, Milwaukee, Wis. Poling plate and its method of application. 2,019,295; Oct. 29.
- Dole, Myron W., Belmont, Mass. Duplex steam engine. 1,987,003; Jan. 8.
- Dole Refrigerating Machine Company. (See Kleist, Herman W., assignor.)
- Dole Valve Company, The. (See Morrison, Willard L., assignor.)
- Dolid, Jacob, Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Composition for phonograph records. 1,994,946; Mar. 19.
- D'Olier, Henry, Jr., Bridgeport, Conn. Lighting fixture. 1,994,067; Mar. 12.
- D'Olier, Henry, Jr., Bridgeport, Conn. Electrical connector and fixture support. 2,003,966; June 4.
- Doll, Emil, West New York, N. J. Toothbrush. 2,005,337; June 18.
- Doll, Laurence C., Ithaca, N. Y. Apparatus for stringing tennis rackets. 1,989,002; Jan. 22.
- Dollinger, Lewis L., assignor to Staynew Filter Corporation, Rochester, N. Y. Air filter. 2,013,038; Sept. 3.
- Dollinger, Lewis L., assignor to Staynew Filter Corporation, Rochester, N. Y. Air filter. 2,016,991; Oct. 8.
- Dollinger, Lewis L., assignor to Staynew Filter Corporation, Rochester, N. Y. Air filter. 2,016,992; Oct. 8.
- Dollinger, Lewis L., assignor to Staynew Filter Corporation, Rochester, N. Y. Air filter. 2,016,993; Oct. 8.
- Dollinger, William H., Franklin, Ohio. Window shade fixture. 1,998,777; Apr. 23.
- Dollinger, William H., Franklin, Ohio. Window shade fixture. 2,001,603; May 14.
- Dolomite Marine Corporation. (See Odenbach, J. H., and Cattanaach, assignors.)
- Dolphin, Robert E., et al. (See Dolan, Edward F., assignor.)
- Doman, Carl T. (See Marks, E. S., Doman.)
- Domber, Morris, assignor to Peerless Sample Card Co., Inc., New York, N. Y. Tying device. 2,024,515; Dec. 17.
- Dombrowsky, Abram, New York, N. Y., assignor to Continental Cravat Co., Inc. Two-front necktie or four-in-hand. 2,024,151; Dec. 17.
- Dome, Robert B., Schenectady, N. Y., assignor to General Electric Company. Radio transmitter. 1,990,586; Feb. 12.
- Dome, Robert B., Schenectady, N. Y., assignor to General Electric Company. Measuring system. 1,999,869; Apr. 30.
- Dome, Robert B., Schenectady, N. Y., assignor to General Electric Company. Transmission system. 2,019,341; Oct. 29.
- Domenjoz, John A., New York, N. Y. Aeronautical machine. 2,000,068; May 7.
- Dominion Cutout Company Limited. (See Tate, James R., assignor.)
- Dominion Engineering Works Limited. (See Berlyn, Martin J., assignor.)
- Dominion Engineering Works Limited. (See Russell, A. N., and Ullmann, assignors.)
- Dominion Engineering Works Limited. (See Van Patter, Hugh S., assignor.)
- Dominion Engineering Works Limited. (See Welsford, Hubert G., assignor.)
- Dominion Truck Equipment Co. Limited. (See Gurton, W. S. Plint, and Nyberg.)
- Domler, Charles A., assignor to The Hadley Company, Inc., Providence, R. I. Bracelet clasp. 2,001,056; May 14.
- Dommm, Elgin C., Niles, Mich., assignor to National Standard Company. Rubber coated steel object and making the same. 2,002,261; May 21.
- Dommm, Elgin C., assignor to National Standard Company, Niles, Mich. Rubber coated object. 2,002,262; May 21.
- Dommm, Elgin C., assignor to National Standard Company, Niles, Mich. Rubber coated steel object. 2,002,263; May 21.
- Domowitch, George, and N. Domowitch, Wilkes-Barre, Pa. Mechanical walking doll. 1,992,477; Feb. 26.
- Domowitch, Nettle. (See Domowitch, George, and N.)
- Donahie, Thomas L., Wheeling, W. Va., assignor to National Tube Company. Door guide. 2,017,041; Oct. 15.
- Donahoe, John A., assignor to Donahoe's Inc., Pittsburgh, Pa. Preserving ice and the like. 2,014,245; Sept. 10.
- Donahoe, Michael A., New York, N. Y., assignor of one-third to J. J. Steinharter, New York, N. Y., and one-third to V. Bloom, Washington, D. C. Chair. 2,008,689; July 23.
- Donahoe's Inc. (See Donahoe, John A., assignor.)
- Donahue, A. J., Corporation. (See Jacobs, Joseph, assignor.)
- Donal & Bullock. (See Carlson, Oscar, assignor.)
- Donald, Forrest V., Milwaukee, Wis., assignor to Cooper Manufacturing Company, Marshalltown, Iowa. Power lawn mower. 1,995,842; Mar. 26.
- Donaldson Company. (See Lowther, Wilfred W., assignor.)
- Donaldson Company, Inc. (See Lowther, Wilfred W., assignor.)
- Donaldson Company. (See Schulz, William H., assignor.)
- Donaldson, Edwin. (See Ogden, J. W., and Donaldson.)
- Donaldson, Eleanor, Minneapolis, Minn. Hose supporter. 1,992,741; Feb. 26.
- Donaldson, Eleanor, Minneapolis, Minn. Garment. 2,000,898; May 14.

- Donaldson, Frank A., Minneapolis, Minn. Back-fire oil trap for air cleaners. 1,992,025; Feb. 19.
- Donaldson, William T. (See Armistead, G., Jr., and Donaldson.)
- Donalies, Henry C. and H. Becher, Pittsburgh, Pa. Display stand. 2,023,804; Dec. 10.
- Donato, Giuseppe, Philadelphia, Pa. Combination writing implement. 2,002,501; May 28.
- Donato, Peter, Patchogue, N. Y. Marble shooter. 1,988,191; Jan. 15.
- Joner, Frederick H., Watertown, N. Y. Dental appliance. 1,990,404; Feb. 5.
- Doniger, Sundel, Far Rockaway, N. Y. Medicinal kit. 1,995,799; Mar. 26.
- Donle, Harold P., Meriden, Conn., assignor to Radio Inventions, Inc., New York, N. Y. Television method and apparatus. 1,988,303; Jan. 15.
- Donle, Harold P., Meriden, Conn., assignor to Radio Inventions, Inc., New York, N. Y. Television method and apparatus. 2,002,992; May 28.
- Donle, Harold P., Meriden, Conn., assignor to Radio Inventions, Inc. Television system and apparatus. 2,025,027; Dec. 24.
- Donley, Harold B., assignor to Columbus Metal Products Inc., Columbus, Ohio. Coal burning stoker. 2,011,852; Aug. 20.
- Donn, Ettore, assignor to La Victoria Arduino, Turin, Italy. Cock for coffee making machines. 1,988,545; Jan. 22.
- Donnald, Robert H. (See Hellmers, H. T., and Donald.)
- Donnellan, Edward P., assignor to Standard-Johnson Company, Inc., Brooklyn, N. Y. Counting machine for paper money and the like. 1,994,636; Mar. 19.
- Donnelley, R. R., & Sons Company. (See Ackley, Raymond E., assignor.)
- Donnelley, R. R., & Sons Co. (See Alger, Harley C., assignor.)
- Donnelley, R. R. & Sons Company. (See Frazier, Philip A., assignor.)
- Donnelly, Frank A., Englewood, N. J., and J. E. Blant-horn, Brooklyn, N. Y. Shelving. 2,026,223; Dec. 31.
- Donnelly, Joseph C., Barberton, Ohio, assignor to The Diamond Match Company, Baltimore, Md. Match ar-ranging and feeding mechanism. 1,992,522; Feb. 26.
- Donnelly, Michael J., Whiting, Ind. Nonglare and sun-shade. 1,995,969; Mar. 26.
- Donnelly, Richard J. (See Scholl, H. S., and Donnelly.)
- Donnelly, Richard O., Peoria, Ill. Guide means for flush valves of closet tanks. 1,987,287; Jan. 8.
- Donner, John V., Monaca, Pa. Leer loader. 2,018,057; Oct. 22.
- Donnini, Edlo, Jeannette, assignor to American Win-dow Glass Company, Pittsburgh, Pa. Manufacture of glass sheets. 2,013,459; Sept. 3.
- Donohoe, James A., Bloomfield, N. J., assignor to West-inghouse Lamp Company. Incandescent lamp stem. 1,989,791; Feb. 5.
- Donovan, Alfred M., Barking, England. Locking device for the ignition circuit of motor cars or the like. 1,997,050; Apr. 9.
- Donovan, George L. (See Fox, W. A., and Donovan.)
- Donovan, John F., and G. Illingworth, East Cleveland, Ohio, assignors to General Electric Company. Appa-ratus for feeding fragile rods, tubes, and similar articles. 2,005,496; June 18.
- Donovan, John F., East Cleveland, Ohio, and W. L. Ku-bach, Emporium, Pa., assignors to General Electric Company. Sealing-in method and apparatus. 2,021,001; Nov. 12.
- Donovan, John F., and G. Illingworth, East Cleveland, Ohio, assignors to General Electric Company. Exhaust-ing and gas-filling machine. 2,025,579; Dec. 24.
- Donovan, Joseph L., Duluth, Minn. Jar or bottle holder. 2,002,767; May 28.
- Dooley Bros. (See Fellay, Louis J., assignor.)
- Dooley, Byran F., Jr., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Preparation of doctor solutions. 2,022,558; Nov. 26.
- Dooley, Clarence H., Rock Island, Ill. Filter. 2,014,105; Sept. 10.
- Dooley, Harry L., Rock Island, Ill., assignor to Modern Mfg. & Eng., Inc., Davenport, Iowa. Combined oil burn-er and air conditioning device. 2,019,525; Nov. 5.
- Dooley, Walter W., Knoxville, Tenn. Steam engine valve gear. 2,015,380; Sept. 24.
- Doolin, Charles E., San Antonio, Tex. Corn product and making the same. 2,002,053; May 21.
- Doollittle, Arthur K., West Orange, N. J. Spray drying apparatus. 1,989,406; Jan. 29.
- Dopp, Frank B., St. Louis, Mo., assignor to Perma Corpora-tion. Heel attaching plate. 2,005,775; June 25.
- Dopp, Frank B., St. Louis, Mo., assignor, by mesne as-signments to Perma Corporation, Chicago, Ill. Heeling shoes. 2,017,234; Oct. 15.
- Doran Brothers, Incorporated. (See Schultze, Paul, as-signor.)
- Doran, Elizabeth B. C., Eagle Rock, Calif. Swimming ap-pliance. 2,023,314; Dec. 3.
- Doran, John E., J. M. Walter and F. E. Cardullo, assignors to The G. A. Gray Company, Cincinnati, Ohio. Device for moving a machine member or other part by power means, an exact distance or to an exact position. 2,007,180; July 9.
- Doran, John H., Scotia, N. Y., assignor to General Elec-tric Company. Shaft bearing. 2,004,783; June 11.
- Dorand, René. (See Breguet, L., and Dorand.)
- Dorer, Oscar H., East Orange, N. J., assignor to Worth-ing-ton Pump and Machinery Corporation, New York, N. Y. Centrifugal pump. 1,998,754; Apr. 23.
- Dores, Gaston, Paris, and L. Girard, Montrouge, France. Device for preventing back-firing capable of being used as theft-preventing devices for any applications. 1,996,861; Apr. 9.
- Dorey, William A., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Light transmitting cover for light sources. 2,022,078; Nov. 26.
- Dorf, Irving, New York, N. Y. Match box support. 2,012,253; Aug. 20.
- Dorfan, Morton I., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Apparatus for separating granular material. 2,003,141; May 28.
- Dorfman, Hiller D., Mansfield, Ohio, assignor to Westing-house Electric & Manufacturing Company, East Pitts-burgh, Pa. Circuit breaker. 2,015,633; Sept. 24.
- Dorgelo, Eduard G. (See Bol, C., and Dorgelo.)
- Dorgelo, Eduard G., Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge lamp device. 1,994,305; Mar. 12.
- Dorgelo, Eduard G., Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric dis-charge lamp device. 2,010,849; Aug. 13.
- Dorian, Michael A., New York, N. Y., and L. Roon, South Orange, assignors to Roxalin Flexible Lacquer Company, Incorporated, Elizabeth, N. J. Tobacco pipe and coat-ing therefor. 2,025,811; Dec. 31.
- Dorin Corporation, The. (See Jack, George B., Jr., as-signor.)
- Dorin Corporation, The. (See Loomis, Evarts G., as-signor.)
- Dorin Corporation, The. (See Rautenstrauch, Walter, as-signor.)
- Döring, Fritz. (See Müller, K., Döring, and Wantosch.)
- Doring, Henry A., River Edge, N. J. Rotatable support for Christmas trees. 1,987,994; Jan. 15.
- Doring, Henry A., River Edge, N. J. Christmas tree stand. 1,987,995; Jan. 15.
- Dorkins, Robert T., Brooklyn, N. Y. Folding seat and back rest. 1,997,767; Apr. 16.
- Dorman, Morris, Baltimore, Md. Change making and delivering device. 2,015,621; Sept. 24.
- Dorman, Morris, Baltimore, Md. Cutter for beveled gears. 2,024,914; Dec. 17.
- Dormandy, Garry J., assignor to M. Nirenberg Sons Inc., Troy, N. Y. Machine for pressing and shaping points of collar tops. 1,992,162; Feb. 19.
- Dormandy, Garry J., assignor to M. Nirenberg Sons, Inc., Troy, N. Y. Machine for turning the points of collar tops. 1,992,163; Feb. 19.
- Dorn, Harry A., Sr., South Bend, Ind. Scrubbing brush. 1,993,599; Mar. 5.
- Dorn, René and M. Willis, New Orleans, La. Cementit-ious sheet. 2,004,935; June 18.
- Dorn, René and M. Willis, New Orleans, La. Apparatus for the manufacture of cementitious sheets. 2,004,936; June 18.
- Dorn, René and M. Willis, New Orleans, La. Apparatus for the manufacture of cementitious sheets. 2,011,439; Aug. 13.
- Dorn, René and M. Willis, New Orleans, La. Making cementitious sheets. 2,011,440; Aug. 13.
- Dorner, Hermann I. A. (See Widmann, Adolf A., as-signor.)
- Dorner, Hermann I. A. (See Widmann, Adolph, as-signor.)
- Dornier, Claude, Friedrichshafen-on-the-Bodensee, Ger-many. Rotor for helicopters. 2,001,529; May 14.
- Dornier, Claude, Friedrichshafen, Germany. Folding prop-eller. 2,021,481; Nov. 19.
- Dornier, Claude, Friedrichshafen, Germany. Rotor flying machine. 2,023,760; Dec. 10.
- Dornier, Claude, assignor of one-half to Dornier-Metallbau-ten G. m. b. H., Friedrichshafen, Germany. Heat ex-changer. 2,001,186; May 14.
- Dornier-Metallbauten G. m. b. H. (See Dornier, Claude, assignor.)
- Dornin, George A., Baltimore, Md. Isolating the segre-gate in ingots. 2,021,227; Nov. 19.
- Dorogi, István, assignor to Hungarian Rubber Goods Fac-tory Limited, Budapest, Hungary. Inflatable rubber article provided with fiber cover and their production. 2,014,426; Sept. 17.
- Dorogi, István and L., assignors to Magyar Ruggyan-tarugyár Részvénytársaság, Budapest, Hungary. Se-curing a preformed and continuous sheet of unvul-canized rubber to a portion of a fabric upper. 2,002,527; May 28.
- Dorogi, Lajos. (See Dorogi, István, and L.)
- Dorough, Bunny S., Blanco, Tex. Fence stretcher. 2,012,379; Aug. 27.
- Dorough, George L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric lactide resin. 1,995,970; Mar. 26.
- Dorr Company, The. (See Downes, Frank A., assignor.)
- Dorr Company, The. (See Finney, John H. V., assignor.)
- Dorr Company, The. (See Fischer, Anthony J., assignor.)
- Dorr Company, The. (See Fischer, A. J., and Lund, as-signors.)
- Dorr Company, The. (See Lund, Nels B., assignor.)
- Dorr Company, The. (See McArthur, Charles K., as-signor.)

- Dorr Company, The. (See Thackwell, Henry L., assignor.)
Dorr Company, The. (See Weber, William C., assignor.)
Dorr Company, Inc., The. (See Downes, F. A., Fischer, and Lund, assignors.)
Dörr, Eduard, Wuppertal-Elberfeld, Germany, assignor, by mesne assignments, to Hercules Powder Company, Wilmington, Del. Manufacture of benzyl cellulose. 2,020,934; Nov. 12.
Dorrance, David W., San Jose, Calif. Artificial hand. 2,010,751; Aug. 6.
Dörrenhaus, Gustav, and S. Walter, Mulheim-Ruhr, assignors to the firm Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Cooling furnaces by means of cooling chambers. 2,006,266; June 25.
Dorsch, New York, N. Y. Pelvic attachment for artificial legs. 2,004,487; June 11.
Dorsey, Benjamin L., Los Angeles, Calif. Fishing jig. 1,989,850; Feb. 5.
Dorsey, Claude B., Jr., Elba, Ala. Fifth wheel and trailer connection. 2,007,041; July 2.
Dorsey, Joseph P. (See Herlihy, J. J., and Dorsey.)
Dorst, Paul W. (See Reed, R. F., Dorst, and George.)
Dortmund Hoerder Hüttenverein Aktiengesellschaft. (See Borberg, Adolf, assignor.)
Dortmund-Hörder Hüttenverein Aktiengesellschaft. (See Nolte, Karl, assignor.)
Dorward, Ray B. (See Rasmussen, A. C., Dorward, and Ray.)
Doser, Arnold. (See Rodrian, H., Bauer, and Doser.)
Dossena, Gaetano E., Monza, Italy, assignor to T. Isler, Zurich, Switzerland. Container and means for opening the same. 2,019,254; Oct. 29.
Dossey, Trumon, Aruba, Dutch West Indies. Clothesline ring. 2,002,435; May 21.
Dostal, Joseph L., Flint, assignor, by mesne assignments, to Eaton-Erb Foundry Company, Vassar, Mich. Producing hardened cast iron valve tappets. 2,008,854; July 23.
Dostal, Paula, Vienna, Austria. Apparatus for the preservation of eggs. 2,023,725; Dec. 10.
Dotterer, John H., Ostrander, Wash. Locomotive drive frame. 2,025,381; Dec. 24.
Doty, Martin W. (See Barnett, D. T. and Doty.)
Doty, Wade. (See Kettle, A. W., and Doty.)
Doty, Wade, assignor to 2-Way Shock Absorber Company, Inc., Jamestown, N. Y. Shock absorber. 1,992,569; Feb. 26.
Double Envelope Corporation. (See Bear, J. W., and Sublette, assignors.)
Doubrava, Harry W. (See Harris, I. C., and Doubrava.)
Douden, William L., Brooklyn, N. Y., assignor to Radio Corporation of America. Motion picture machine. 1,997,410; Apr. 9.
Douden, William L., Brooklyn, N. Y., assignor to Radio Corporation of America. Signal voltage limiter. 2,020,825; Nov. 12.
Dougherty, Bernard E., Seattle, Wash. Can punch. 2,002,173; May 21.
Dougherty, Elmer E., Glen Ridge, assignor to Marlene Ruth Zimmerer, Bloomfield, N. J. Recovering values. 1,987,996; Jan. 15.
Dougherty, George, Port Vue, Pa., assignor to National Tube Company. Pipe painting machine. 2,017,042; Oct. 15.
Dougherty, James G., New York, N. Y. Electric heating. 2,000,438; May 7.
Dougherty, John M., St. Louis, Mo. Boiler return trap. 1,999,687; Apr. 30.
Dougherty, William J., Sioux City, Iowa, assignor to Minneapolis Honeywell Regulator Company, Minneapolis, Minn. Temperature control apparatus. 2,025,097; Dec. 24.
Doughnut Machine Corporation. (See Hunter, Herbert T., assignor.)
Doughty, Leon A., Glenside, Pa., assignor to Carlile & Doughty, Incorporated. Battery container. 2,015,746; Oct. 1.
Doughty, William E., assignor to James Vernor Company, Detroit, Mich. Beverage dispensing apparatus. 2,000,583; May 7.
Douglas, Charles C., Buffalo, N. Y. Battery shield. 1,999,870; Apr. 30.
Douglas, Edward S., Chicago, Ill., assignor to J. A. Schlinger, Connellsville, Pa. Sampling and testing device for coffee and the like. 2,008,065; July 16.
Douglas, George W., New York, N. Y., and J. J. Dewey, Greenwich, Conn., assignors to Articulating Valve Corporation, New York, N. Y. Valve for internal combustion engines. 2,019,255; Oct. 29.
Douglas, Harry A., Bronson, Mich. Aeroplane wing. 1,990,473; Feb. 12.
Douglas, Harry A., Bronson, Mich. Connector. 1,995,115; Mar. 19.
Douglas, Harry A., Bronson, Mich. Contact carrier. 1,995,172; Mar. 19.
Douglas, Harry A., Bronson, Mich. Control mechanism. 1,997,209; Apr. 9.
Douglas, Harry A., Bronson, Mich. Swaging means. 2,002,220; May 21.
Douglas, Harry A., Bronson, Mich. Swaging machine. 2,002,502; May 28.
Douglas, Harry A., Bronson, Mich. Aeroplane steering mechanism. 2,002,528; May 28.
Douglas, Harry A., Bronson, Mich. Aeroplane. 2,005,078; June 18.
Douglas, Harry A., Bronson, Mich. Circuit continuing means. 2,010,452; Aug. 6.
Douglas, Harry A., Bronson, Mich. Metallic connector. 2,010,453; Aug. 6.
Douglas, Harry A., Bronson, Mich. Combined clamp and terminal sleeve. 2,011,676; Aug. 20.
Douglas, Harry A., Bronson, Mich. Light control. 2,011,677; Aug. 20.
Douglas, Harry A., Bronson, Mich. Connecting means. 2,016,708; Oct. 8.
Douglas, James K., assignor to The Oilgear Company, Milwaukee, Wis. Speed controller for hydraulic motors. 2,004,522; June 11.
Douglas, James K., assignor to The Oilgear Company, Milwaukee, Wis. Pump control. 2,009,608; July 30.
Douglas, John, Company, The. (See McNeil, Daniel W., assignor.)
Douglas, John G., Leagrave, Luton, England. Steering gear of motor road vehicles. 2,023,670; Dec. 10.
Douglas, Ronald W. (See Adams, G. F., Douglas, and Partridge.)
Douglas, Stuart D. (See Young, C. O., and Douglas.)
Douglass, George H., et al. (See La Londe, Moses, assignor.)
Douglass, William A. (See Calcott, W. S., and Douglass.)
Douglass, William A. (See Calcott, W. S., Douglass, and Walker.)
Douglass, William A., Penns Grove, N. J., and H. La B. Jones, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Method and apparatus for measurement and control of gaseous mixtures. 2,013,727; Sept. 10.
Doulette, Henry T., Brockton, and F. E. Hooper, Swampscott, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Edge finishing machine. 2,017,055; Oct. 15.
Doupnik, John J. (See Pronske, P. E., and Doupnik.)
Dourif, Henry, assignor to The Standard Ultramarine Company, Huntington, W. Va. Producing ultramarine blue and a new article of manufacture. 2,020,539; Nov. 12.
Douthett, Orin R. (See Smith, P. R., and Douthett.)
Douthett, Orin R., Perth Amboy, N. J., assignor to The Patent and Licensing Corporation, Boston, Mass. Artificially colored building material. 2,021,716; Nov. 19.
Douthitt, Frank W., Ortonville, Minn. Corn cutting machine. 2,001,457; May 14.
Doutt, Owen, assignor to General Spring Bumper Corporation, Detroit, Mich. Abrasive applying machine. 2,010,536; Aug. 6.
Douvile, Kenneth B., Chicago, Ill. Pulley. 2,013,268; Sept. 3.
Doux, Alfredo W., assignor of one-third to T. von Hoffmann-Ostenhof and one-third to F. Hochmayer, Vienna, Austria. Apparatus for polishing finger nails. 1,995,566; Mar. 26.
Douziech, Eugène F. M., assignor to Société des Freins Houplain, Paris, France. Load brake mechanism. 1,993,653; Mar. 5.
Dove, Alva E., Chicago, Ill. Comb. 1,994,505; Mar. 19.
Dovell, Dudley K., El Paso, Tex., assignor to Sullivan Machinery Company. Rotation device for drilling mechanisms. 1,988,445; Jan. 22.
Dovjikov, Alexander D., Wilkinsburg, C. L. Fortescue, Pittsburgh, and C. F. Wagner, Swissvale, Pa., assignors to Westinghouse Electric and Manufacturing Company. System impervious to unbalanced faults. 2,000,693; May 7.
Dow Chemical Company, The. (See Barstow, E. O., Heath, and Minger, assignors.)
Dow Chemical Company, The. (See Bass, Shailer L., assignor.)
Dow Chemical Company, The. (See Bass, S. L., and Burlew, assignors.)
Dow Chemical Company, The. (See Britton, Edgar C., assignor.)
Dow Chemical Company, The. (See Britton, E. C., Coleman, and Hadler, assignors.)
Dow Chemical Company, The. (See Britton, E. C., Coleman, and Mate, assignors.)
Dow Chemical Company, The. (See Britton, E. C., Coleman, and Moore, assignors.)
Dow Chemical Company, The. (See Britton, E. C., Coleman, Zomba, and Zuckerman, assignors.)
Dow Chemical Company, The. (See Britton, E. C., Nutting, and Huscher, assignors.)
Dow Chemical Company, The. (See Britton, E. C., Nutting, and Petrie, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Slagh, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Stearns, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Stoesser, assignors.)
Dow Chemical Company, The. (See Britton, E. C., Stoesser, and Goergen, assignors.)
Dow Chemical Company, The. (See Chamberlain, Leonard C., assignor.)
Dow Chemical Company, The. (See Chamberlain, L. C., and Boundy, assignors.)
Dow Chemical Company, The. (See Coleman, Gerald H., assignor.)
Dow Chemical Company, The. (See Coleman, G. H., and Moore, assignors.)

- Dow Chemical Company, The. (See Collings, William R., assignor.)
- Dow Chemical Company, The. (See Collings, W. R., and Gibb, assignors.)
- Dow Chemical Company, The. (See De Pree, Lee, assignor.)
- Dow Chemical Company, The. (See Dow, Herbert H., assignor.)
- Dow Chemical Company, The. (See Gann, J. A., and Gross, assignors.)
- Dow Chemical Company, The. (See Grebe, John J., assignor.)
- Dow Chemical Company, The. (See Grebe, J. J., and Reilly, assignors.)
- Dow Chemical Company, The. (See Grebe, J. J., and Stoesser, assignors.)
- Dow Chemical Company, The. (See Grebe, J. J., Stoesser, and Mills, assignors.)
- Dow Chemical Company, The. (See Grether, Ernest F., assignor.)
- Dow Chemical Company, The. (See Grether, E. F., and Coleman, assignors.)
- Dow Chemical Company, The. (See Grether, E. F. and Pelton, assignors.)
- Dow Chemical Company, The. (See Harlow, I. F., and Short, assignors.)
- Dow Chemical Company, The. (See Heath, Sheldon B., assignor.)
- Dow Chemical Company, The. (See Heath, S. B., and Fry, assignors.)
- Dow Chemical Company, The. (See Heath, S. B., and Ohman, assignors.)
- Dow Chemical Company, The. (See Hoy, John E., assignor.)
- Dow Chemical Company, The. (See Mills, Lindley E., assignor.)
- Dow Chemical Company, The. (See Murch, Wilfred M., assignor.)
- Dow Chemical Company, The. (See Nutting, H. S., Britton, Huscher, and Petrie, assignors.)
- Dow Chemical Company, The. (See Nutting, H. S., Petrie, and Huscher, assignors.)
- Dow Chemical Company, The. (See Perkins, R. P., Dietzler, and Lundquist, assignors.)
- Dow Chemical Company, The. (See Stewart, Leroy C., assignor.)
- Dow Chemical Company, The. (See Stoesser, W. C., and Dietzler, assignors.)
- Dow Chemical Company, The. (See Wibaut, J. P., and van Dalfsen, assignors.)
- Dow Chemical Company, The. (See Williams, William H., assignor.)
- Dow Chemical Company, The. (See Winston, Arthur W., assignor.)
- Dow, Dewey M. (See Riebel F., Jr., and Dow.)
- Dow, Dewey M. (See Riebel F., Jr., and Henson.)
- Dow, Dewey M., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner. 2,019,895; Nov. 5.
- Dow, Herbert H., deceased, by W. H. Dow and C. Turner, administrators, assignors to The Dow Chemical Company, Midland, Mich. Heat transfer. 2,000,886; May 7.
- Dow, Jennings B., Washington, D. C. Signaling system. 2,021,649; Nov. 19.
- Dow, Jennings B., Washington, D. C., assignor to Radio Corporation of America. Oscillator system. 2,008,690; July 23.
- Dow, Mary E., Hampstead, London, England. Catheter. 1,998,225; Apr. 16.
- Dow, Richard F., assignor to The Whitney Mfg. Co., Hartford, Conn. Hydraulic slack take-up device. 2,002,081; May 21.
- Dow, Willard H., et al., administrators. (See Dow, Herbert H.)
- Dowd, Andrew D., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Repeater. 2,019,597; Nov. 5.
- Dowd, Archie J., Plainfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for positioning liners. 2,005,577; June 18.
- Dowden, William F., Pittsburgh, Pa. Controlling the cord of electric irons. 1,999,089; Apr. 23.
- Dowden, William T. (See Hester, Loring B., assignor.)
- Dowell, Harry L., Chicago, Ill. Building construction. 2,010,294; Aug. 6.
- Dowell, Marvin J. (See Pedersen, J., and Dowell.)
- Dowinsky, Samuel, New York, N. Y. Pressing iron. 1,993,654; Mar. 5.
- Dowinsky, Samuel, New York, N. Y. Pressing iron steam generator. 2,016,961; Oct. 8.
- Dowling, Dudley R., Graceville, near Brisbane, Queensland, Australia. Drenching gun. 1,995,971; Mar. 26.
- Dowling, John J., Rathgar, Irish Free State. Filling receptacles or the like with plastic, granular or pulverulent materials. 1,999,319; Apr. 30.
- Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,991,883; Feb. 19.
- Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake cylinder mounting. 2,017,688; Oct. 15.
- Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electrical-ly controlled brake valve. 2,017,689; Oct. 15.
- Down, Sidney G., and E. E. Hewitt, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,017,789; Oct. 15.
- Downard, James S., deceased, Fort Thomas, Ky., by N. W. Downard, administratrix, Fort Thomas, Ky. Process and apparatus for manufacturing small particles of asphalt. 2,006,585; July 2.
- Downard, James S., deceased, Fort Thomas, Ky., by N. W. Downard, administratrix, Fort Thomas, Ky. Process and apparatus for producing asphalt particles. 2,006,586; July 2.
- Downard, Naomi W., administratrix. (See Downard, James S.)
- Downer, George V., St. Pancras, England. Illuminating device. 2,011,678; Aug. 20.
- Downer, John M., Schenectady, N. Y., assignor to General Electric Company. Nozzle diaphragm. 1,998,951; Apr. 23.
- Downes, Frank A., Larchmont, assignor, by mesne assignments, to The Dorr Company, Inc., New York, N. Y. Grit removal apparatus. 2,006,825; July 2.
- Downes, Frank A., Larchmont, A. J. Fischer, Jackson Heights, and N. B. Lund, Seaford, assignors, by mesne assignments, to The Dorr Company, Inc., New York, N. Y. Sewage aeration. 1,994,887; Mar. 19.
- Downes-Shaw, Archibald H., and A. S. Russell, Clifton, Bristol, and A. L. Stuchbery, Enfield, assignors to Imperial Tobacco Company (of Great Britain and Ireland) Limited, Bristol, England. Hermetically sealed tin. 2,023,341; Dec. 3.
- Downey, James J., C. I. Bledsoe, and N. Henson, Chattanooga, Tenn. Dough cutting grain-converter. 2,023,315; Dec. 3.
- Downey, Reginald L., Scotia, N. Y., assignor to General Electric Company. Frequency determining means. 2,017,712; Oct. 15.
- Downey, Thomas B., Haddonfield, assignor to Kind & Knox Gelatin Company, Camden, N. J. Drying frame for drying gelatin and other material. 1,986,716; Jan. 1.
- Downie, Robert R., assignor to Keystone Driller Company, Beaver Falls, Pa. Skimmer scoop. 1,990,587; Feb. 12.
- Downing, Charles G., Maysville, Ky., assignor of ten per cent to F. G. Downing, ten per cent to M. M. Downing, ten per cent to M. H. Downing, and ten per cent to M. P. Downing. Magnetic transmission. 1,995,605; Mar. 26.
- Downing, Frederick B. (See Calcott, W. S., Downing, and Somers.)
- Downing, Frederick B., Carneys Point, and L. S. Rake, Pennsgrove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of lead alkyls. 2,000,069; May 7.
- Downing, Frederick B., Carneys Point, N. J., R. G. Clarkson, Wilmington, Del., and H. H. Reynolds, Pennsgrove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing ortho-dihydroxy compounds of the benzene series. 2,001,014; May 14.
- Downing, Frederick B., A. E. Parmelee, and C. J. Pedersen, Carneys Point, N. J., and J. L. Stecher, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Tetra alkyl lead. 2,004,160; June 11.
- Downing, Frederick B., Carneys Point, N. J., and R. G. Clarkson, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Acid inhibitor. 2,006,710; July 2.
- Downing, Frederick B., Carneys Point, N. J., and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Noncorrosive aqueous liquid. 2,007,243; July 9.
- Downing, Frederick B., and C. J. Pedersen, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of alkali metal solenides and tellurides. 2,008,753; July 23.
- Downing, Frederick B., Carney's Point, N. J., R. G. Clarkson, and R. F. Deese, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of substituted aminophenols. 2,009,767; July 30.
- Downing, Frederick B., Carneys Point, N. J., and H. W. Walker, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of motor fuels. 2,014,200; Sept. 10.
- Downing, Frederick B., Carneys Point, N. J., and H. W. Walker, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Acid inhibiting agent. 2,016,035; Oct. 1.
- Downing, Frederick B., Carneys Point, N. J., and H. W. Walker, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of mineral hydrocarbon products. 2,025,192; Dec. 24.
- Downing, John, assignor to Reading Hardware Corporation, Reading, Pa. Lawn mower construction. 2,016,230; Oct. 1.
- Downing, Margaret M., et al. (See Downing, Charles G., assignor.)
- Downing, Mary H. (See Downing, Charles G., assignor.)
- Downing, Maud M., Miami, Fla., assignor of one-half to E. C. Wall, Chicago, Ill. Garment. 2,013,436; Sept. 3.
- Downing, Patsy G., et al. (See Downing, Charles G., assignor.)
- Downing, William F., Jr. (See Gearing, M. J., and Downing, Jr.)
- Downingtown Manufacturing Company. (See Edge, Jacob, assignor.)
- Downingtown Manufacturing Company. (See Ellis, Charles L., assignor.)

- Downington Manufacturing Company. (See Standley, Albert H., assignor.)
- Downingtown Manufacturing Company. (See Sutherland, W. H., and Ellis, assignors.)
- Downs, Austin H., assignor to Eclipse Air Brush Company, Inc., Newark, N. J. Device for spraying paints, lacquers, and other liquids. 2,005,776; June 25.
- Downs, Laurence E. (See Gibson, C. H., Downs, and Fuse.)
- Downs, Leon H. (See Bacon, D. R., and Downs.)
- Dowsett, Harry M., Winchmore Hill, London, England, assignor to Radio Corporation of America. Television system. 2,002,937; May 28.
- Dowsett, Harry M., Winchmore Hill, London, L. E. Q. Walker, Braintree, and N. Levin, Regents Park, London, England, assignors to Radio Corporation of America. Television apparatus. 1,986,187; Jan. 1.
- Dowsett, Harry M., Winchmore Hill, London, and L. E. Q. Walker, Maida Vale, London, England, assignors to Radio Corporation of America. Wireless direction finding system. 2,018,349; Oct. 22.
- Dowst Manufacturing Company. (See Dowst, Theodore S., assignor.)
- Dowst, Theodore S., assignor to Dowst Manufacturing Company, Chicago, Ill. Package. 2,008,664; July 23.
- Dox Limited. (See Edwards, Hurtle T. J., assignor.)
- Doxsee, James H., Jr., and W. H. Cook, Collier City, Fla., assignors to Fred Fear & Company, Brooklyn, N. Y. Apparatus for shelling mollusks. 2,008,820; July 23.
- Doyle, Edgar D., assignor to Leeds and Northrup Company, Philadelphia, Pa. Measuring apparatus. 2,003,681; June 4.
- Doyle, Frank J. (See Rathbun, W. A., and Doyle.)
- Doyle, George F., Elmhurst, assignor to S. Obermayer Company, Chicago, Ill. Furnace lining and preparing same for use. 1,994,637; Mar. 19.
- Doyle, James S. (See Hedley, F., and Doyle.)
- Doyle, Joseph E., Clarks Summit, Pa. Ironing board. 2,006,014; June 25.
- Doyle, Martin S., Waltham, Mass. Square. 2,026,274; Dec. 31.
- Doyle, Morgan J. (See Hartmann, Karl F., assignor.)
- Doyle, Morgan J., et al. (See Lashley, Robert E., assignor.)
- Doyle, Thomas J., Lynn, Mass., assignor to United Machinery Corporation, Paterson, N. J. Liquid-applying apparatus. 2,005,729; June 25.
- Doyle, William L. H., Swarthmore and B. G. Mellin, Prospect Park, Pa., assignors to Baldwin-Southwark Corporation. Machine cooling apparatus. 2,024,209; Dec. 17.
- Doyle, William T., Boston, Thomas J. Sturtevant, Wellesley, and L. H. Sturtevant, Quincy, Mass., assignors to Sturtevant Mill Company, Boston, Mass. Machine for slushing sheets of pulp. 1,999,402; Apr. 30.
- Dozier, Henry J., Philadelphia, Pa. Pole seat. 1,993,320; Mar. 5.
- Dr. Bekk & Kaulen Chemische Fabrik G. m. b. H. (See Thimann, Max, assignor.)
- Dray, Amos S., and E. Geer, Warren, Ohio. Doodlatch. 2,017,954; Oct. 22.
- Drachman, Myron J., New York, N. Y. Electromedical instrument. 2,008,754; July 23.
- Drackett Chemical Company, The. (See Adams, E. M., Gangloff, and Spencer, assignors.)
- Drabin, John J., New York, N. Y. Battery control. 1,988,192; Jan. 15.
- Drabin, John J., New York, N. Y. Battery filler. 1,991,604; Feb. 19.
- Drabin, John J., New York, N. Y. Liquid level indicator. 1,995,381; Mar. 26.
- Drabin, John J., New York, N. Y. Automatic transmission. 1,998,274; Apr. 16.
- Drabin, John J., New York, N. Y. Generator control. 1,999,871; Apr. 30.
- Drabin, John J., and S. N. Koulichkov, New York, N. Y. Clutch control. 1,996,282; Apr. 2.
- Drader, Joseph C., assignor to Michigan Tool Company, Detroit, Mich. Automatic machine tool. 1,989,792; Feb. 5.
- Drader, Joseph C., Detroit, Mich., assignor to Michigan Tool Company. Checking fixture. 2,006,161; June 25.
- Dragoo, Thomas J., Jr., Spofford, Texas. Buck mask. 2,005,649; June 18.
- Draheim, Paul E., Milwaukee, Wis. Calisthenics device. 1,998,226; Apr. 16.
- Drain, James A., Jr. (See Sperry, E. G., and Drain.)
- Drake, Alden M., West Hartford, assignor to Pratt & Whitney Company, Hartford, Conn. Profiling machine. 1,996,408; Apr. 2.
- Drake, Benjamin H., Stockton, Calif. Chair. 2,015,138; Sept. 24.
- Drake, Caleb, and A. Langdon, Rochester, assignors to General Railway Signal Company, Rochester, N. Y. Railway terminal communicating system. 2,021,855; Nov. 19.
- Drake, Charles B., assignor to Neon-Globe Company, Incorporated, Norfolk, Va. Sign. 2,018,440; Oct. 22.
- Drake, Chester W., Irwin, and H. E. Nason, Swissvale, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Braking generator for use with calendar. 1,987,670; Jan. 15.
- Drake, Estes C., Wheeling, W. Va. Welding apparatus. 2,005,912; June 25.
- Drake, Frank S., Ft. Thomas, Ky. Universal rolling window screen. 2,015,993; Oct. 1.
- Drake, Frederick H., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrical device and method of determining distances. 1,987,587; Jan. 8.
- Drake, Frederick H., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Altimeter. 1,987,588; Jan. 8.
- Drake, Frederick H., and J. E. Johanson, Boonton, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Control and indicating apparatus. 1,987,997; Jan. 15.
- Drake, George F., assignor to H. D. Colman, Rockford, Ill. Thermostat. 1,996,907; Apr. 9.
- Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Testing device for magnetizable objects. 2,011,441; Aug. 13.
- Drake, Harcourt C., Hempstead, and G. L. Jones, Garden City, assignors to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 1,996,908; Apr. 9.
- Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Leer construction. 1,988,110; Jan. 15.
- Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Process and apparatus for producing laminated sheet glass. 1,992,997; Mar. 5.
- Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass forming apparatus. 1,992,998; Mar. 5.
- Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass cutting apparatus. 1,997,402; Apr. 9.
- Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass scoring apparatus. 2,007,796; July 9.
- Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass apparatus. 2,010,063; Aug. 6.
- Drake, John L., assignor to Libbey-Owens Glass Company, Toledo, Ohio. Furnace construction and process of producing molten glass. 2,010,064; Aug. 6.
- Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Roll construction. 2,015,747; Oct. 1.
- Drake, Marcus M., Brooklyn, assignor to The Mechanical Marine Company, New York, N. Y. Valve. 2,026,163; Dec. 31.
- Drake, Marion L., Cleveland Heights, Ohio. Tooth cleaning and gum stimulating device. 2,016,597; Oct. 8.
- Drake, Percell, Detroit, Mich. Throw line fishing reel. 1,993,150; Mar. 5.
- Drake, Robert W. (See Coy, J. A., and Drake.)
- Drake, Ronald I., Appleton, and W. K. Andrew, Wauwatosa, assignors to Marathon Paper Mills Company, Rothschild, Wis. Knock-down container. 2,015,393; Sept. 24.
- Drake, Samuel H., Groton, N. Y. Stropping device. 2,000,933; May 14.
- Draper, Charles H. (See Pennell, P. H., and Draper.)
- Draper Corporation. (See Beatrice, Gabriel C., assignor.)
- Draper Corporation. (See Brown, Carl D., assignor.)
- Draper Corporation. (See Cobb, F. Gordon, assignor.)
- Draper Corporation. (See Erhard, Emile H., assignor.)
- Draper Corporation. (See Jones, John W., assignor.)
- Draper Corporation. (See Kay, Claude T., assignor.)
- Draper Corporation. (See Lackey, Riley G., assignor.)
- Draper Corporation. (See Lindsko, Verner, assignor.)
- Draper Corporation. (See Merrill, C. F., and Young, assignors.)
- Draper Corporation. (See Nichols, Edward C., assignor.)
- Draper Corporation. (See Northrop, Jonas, assignor.)
- Draper Corporation. (See Snow, Isaac, assignor.)
- Draper Corporation. (See Stimpson, Wallace L., assignor.)
- Draper Corporation. (See Tuten, James M., assignor.)
- Draper, Ernest E., Scarsdale, assignor to The Perser Corporation, New York, N. Y. Stereoscopic photography and objective system therefor. 2,005,777; June 25.
- Drath, Paul. (See Hope, S. N., and Drath.)
- Dravo Contracting Company, The. (See Beauchamp, J. H., and Miller, assignors.)
- Dravo Contracting Company, The. (See Dawson, Albert J., assignor.)
- Dravo Contracting Company, The. (See Kersting, Bernard H., assignor.)
- Dravo Contracting Company, The. (See Miller, James S., assignor.)
- Dravo Contracting Company, The. (See Wolfe, George F., assignor.)
- Draw-Trim Corporation of America, The. (See Griffin, Percy M., assignor.)
- Dray, Joseph F., et al. (See Moriarty, George A., assignor.)
- Dray, Michael, Bronx, N. Y. Automatic submarine safety apparatus. 2,000,746; May 7.
- Dray, William F., East Providence, R. I., assignor to Davol Rubber Company. Forming a spray pipe. 2,015,394; Sept. 24.
- Dray, William F., East Providence, R. I., assignor to Davol Rubber Company. Spray pipe. 2,015,395; Sept. 24.
- Dreffein, Henry A., Chicago, Ill. Method and apparatus for controlling furnaces. 1,999,038; Apr. 23.
- Dreffein, Henry A., Chicago, Ill. Heat regulating method and apparatus. 1,999,039; Apr. 23.

- Dreffein, Henry, A., Chicago, Ill. Heat control method and apparatus. 2,008,007; July 16.
- Dreffein, Henry A., Chicago, Ill. Conveying and supporting mechanism. 2,010,295; Aug. 6.
- Dreffein, Henry A., Oak Park, Ill. Cooling chamber of heat treating furnaces. 1,999,832; Apr. 30.
- Drehmann, Christian E., Melrose Park, Pa. Heavy duty floor. 2,026,224; Dec. 31.
- Dreis, Edward J., San Francisco, Calif. Clutch for punch presses. 2,003,529; June 4.
- Dreisbach, Ernst, assignor to R. W. Englehart. Philadelphia, Pa. Envelope. 2,007,891; July 9.
- Dremel, Albert J., Racine, Wis. Razor blade sharpener. 1,995,536; Mar. 26.
- Drenning, Percy R., assignor to T. H. Symington & Son, Inc., Baltimore, Md. Bolster for plankless trucks. 1,996,644; Apr. 2.
- Drenning, Percy R., assignor to T. H. Symington & Son, Inc., Baltimore, Md. Truck side frame. 2,012,949; Sept. 3.
- Drescher, Theodore B., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Marking glass. 2,024,277; Dec. 17.
- Dressel, Henry M., assignor to Oak Manufacturing Company, Chicago, Ill. Vibrator. 2,012,123; Aug. 20.
- Dressel, Henry M., assignor to Oak Manufacturing Company, Chicago, Ill. Vibrator. 2,013,513; Sept. 3.
- Dressel, Henry M., Chicago, K. C. Allison, Arlington Heights, and E. J. Mastney, Berwyn, assignors to Oak Manufacturing Company, Chicago, Ill. Electric switch. 2,019,177; Oct. 29.
- Dressel, Merle N., Le Sueur, Minn. Hammer mill. 2,013,378; Sept. 3.
- Dresser, Clarence J. (See Coates, C. B., and Dresser.)
- Dresser, S. R., Manufacturing Company. (See Gavin, Beauford E., assignor.)
- Dresser, S. R., Manufacturing Company. (See Pfefferle, George H., assignor.)
- Dresser, S. R., Manufacturing Company. (See Pfefferle, G. H., and Norton, assignors.)
- Dressler, Philip d'Hue, assignor to Swindell Dressler Corporation, Pittsburgh, Pa. Continuous tunnel kiln and operating the same. 1,988,837; Jan. 22.
- Dressler, Philip d'H., assignor to Swindell Dressler Corporation, Pittsburgh, Pa. Continuous tunnel kiln. 2,020,140; Nov. 5.
- Dressler, Philip d'H., and E. A. Hanff, assignors to Swindell-Dressler Corporation, Pittsburgh, Pa. Circular type tunnel kiln and operating same. 1,999,356; Apr. 30.
- Dreyerhoff, Rudolf, Brooklyn, N. Y. Crank shaft-lathe. 1,993,363; Mar. 5.
- Dreyerhoff, Rudolf, Brooklyn, N. Y. Mechanical razor. 1,997,768; Apr. 16.
- Drew, Clayton L., San Francisco, Calif. Mixer. 2,007,850; July 9.
- Drew, Leslie L., Asbury Park, N. J. Apparatus for aging alcoholic spirits. 2,017,235; Oct. 15.
- Drew, Walter H., assignor to The Cleveland Steel Products Company, Cleveland, Ohio. Automatic air control. 2,012,037; Aug. 20.
- Drewsen, Pierre, assignor to Hinde & Dauch Paper Company, Sandusky, Ohio. Making paper. 1,991,499; Feb. 19.
- Drewyout, Ernest J., Detroit, Mich. Train heating system and trap therefor. 1,989,851; Feb. 5.
- Drexel, Adolph E., Palatka, Fla. X-ray cassette. 2,003,254; May 28.
- Drexel, Frank, San Francisco, Calif. Egg cracking machine. 1,997,881; Apr. 16.
- Drexler, Ernest, Pittsburgh, Pa. Table for rolling mills. 2,001,129; May 14.
- Drexler, Ernest, Pittsburgh, Pa. Table for rolling mills. 2,018,255; Oct. 22.
- Drexler, Joseph J. (See Shaw, J. H., and Drexler.)
- Dreyer, Adolf, Potsdam, Germany. Ball mill. 1,992,742; Feb. 26.
- Dreyer, Adolf, Potsdam, and W. Kutzner, Potsdam; said Kutzner assignor to F. Kutzner, Halensee, near Berlin, Germany. Apparatus for treating binding materials in the form of powder or grit, to produce dextrine and other adhesives of vegetable origin, as well as for treating other materials. 2,005,537; June 18.
- Dreyer, Albert, Lucerne, Switzerland. Producing flexible tubes. 2,007,149; July 2.
- Dreyer, Charles F., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Gauging apparatus. 2,011,931; Aug. 20.
- Dreyer, William C. (See Dillon, H. G., Dreyer, and Jenks.)
- Dreyfus, Alfred, assignor, by mesne assignments, to Alfred Dreyfus and Jacob Hirsch, New York, N. Y. Waterproof protection for watches. 1,986,328; Jan. 1.
- Dreyfus, Camille, New York, N. Y. Ultra-violet light transparent glass and making the same. 2,002,082; May 21.
- Dreyfus, Camille, New York, N. Y. Textile process. 2,022,410; Nov. 26.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Derivative of cellulose composition and making the same. 1,986,879; Jan. 8.
- Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Organic ester of cellulose and treating the same. 1,987,610; Jan. 15.
- Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Bleaching derivatives of cellulose. 1,994,985; Mar. 19.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Artificial yarn and preparing the same. 1,996,753; Apr. 9.
- Dreyfus, Camille, New York, N. Y., and L. N. Lee, Cumberland, Md., assignors to Celanese Corporation of America. Improving the color of cellulose derivatives. 1,996,754; Apr. 9.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Making artificial filaments. 1,997,632; Apr. 16.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Artificial filament. 1,999,182; Apr. 30.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Making artificial bristles, straw, and the like. 1,999,404; Apr. 30.
- Dreyfus, Camille, New York, N. Y., and H. E. Martin, Cumberland, Md., assignors to Celanese Corporation of America. Preparing stable cellulose acetate. 1,999,406; Apr. 30.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Producing artificial straw and product thereof. 2,000,013; May 7.
- Dreyfus, Camille, New York, N. Y., and L. N. Lee, Cumberland, Md., assignors to Celanese Corporation of America. Treatment of cellulose esters. 2,000,934; May 14.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Treatment of textile materials. 2,000,935; May 14.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Textile material of low luster and making the same. 2,006,540; July 2.
- Dreyfus, Camille, New York, N. Y., and H. Platt, Cumberland, Md., assignors to Celanese Corporation of America. Treatment of organic derivatives of cellulose. 2,010,065; Aug. 6.
- Dreyfus, Camille, New York, N. Y., W. Whitehead, and H. E. Martin, Cumberland, Md., assignors to Celanese Corporation of America. Textile material. 2,015,067; Sept. 24.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Treating fabrics and product thereof. 2,015,103; Sept. 24.
- Dreyfus, Camille, New York, N. Y., and C. I. Haney, Drummondville, Quebec, Canada, assignors to Celanese Corporation of America. Treatment of cellulose esters. 2,025,939; Dec. 31.
- Dreyfus, Henry, London, England. Treatment of cellulose and products obtained therefrom. 1,986,880; Jan. 8.
- Dreyfus, Henry, London, England. New cellulose derivatives and their manufacture. 1,986,881; Jan. 8.
- Dreyfus, Henry, London, England. Hydration of olefines. 1,986,882; Jan. 8.
- Dreyfus, Henry, London, England. Treatment of organic compounds. 1,991,084; Feb. 12.
- Dreyfus, Henry, London, England. Manufacture of aliphatic acid anhydrides. 1,991,085; Feb. 12.
- Dreyfus, Henry, London, England. Manufacture of artificial filaments and the like. 1,992,609; Feb. 26.
- Dreyfus, Henry, London, England. Manufacture of oxygenated organic compounds. 1,996,101; Apr. 2.
- Dreyfus, Henry, London, England. Production of artificial products by dry spinning. 1,996,102; Apr. 2.
- Dreyfus, Henry, London, England. Manufacture of aliphatic compounds. 1,996,755; Apr. 9.
- Dreyfus, Henry, London, England. Production of cellulosic products. 1,996,797; Apr. 9.
- Dreyfus, Henry, London, England. Manufacture of artificial filaments or threads. 1,997,633; Apr. 16.
- Dreyfus, Henry, London, England. Manufacture of hydroxy aliphatic acids. 1,999,403; Apr. 30.
- Dreyfus, Henry, London, England. Manufacture of plastic materials. 1,999,405; Apr. 30.
- Dreyfus, Henry, London, England. Treatment of fabrics. 2,002,083; May 21.
- Dreyfus, Henry, London, England. Manufacture of aliphatic anhydrides. 2,002,084; May 21.
- Dreyfus, Henry, London, England. Manufacture of aliphatic anhydrides. 2,002,085; May 21.
- Dreyfus, Henry, London, England. Manufacture of cellulose or cellulosic materials. 2,003,347; June 4.
- Dreyfus, Henry, London, England. Production of artificial filaments, threads, ribbons, films, and the like. 2,004,271; June 11.
- Dreyfus, Henry, London, England. Production of artificial products. 2,004,272; June 11.
- Dreyfus, Henry, London, England. Production of cellulose derivative products. 2,004,273; June 11.
- Dreyfus, Henry, London, England. Manufacture or treatment of artificial materials. 2,004,274; June 11.
- Dreyfus, Henry, London, England. Manufacture of cellulose esters. 2,005,223; June 18.

- Dreyfus, Henry, London, England. Manufacture of aliphatic anhydrides. 2,006,541; July 2.
- Dreyfus, Henry, London, England. Textile fabric. 2,006,542; July 2.
- Dreyfus, Henry, London, England. Textile fabric. 2,006,543; July 2.
- Dreyfus, Henry, London, England. Manufacture of films and foils. 2,007,392; July 9.
- Dreyfus, Henry, London, England. Manufacture of cellulose derivatives. 2,007,950; July 9.
- Dreyfus, Henry, London, England. Manufacture of aliphatic ketones. 2,010,066; Aug. 6.
- Dreyfus, Henry, London, England. Reduction of nitro and other compounds. 2,010,067; Aug. 6.
- Dreyfus, Henry, London, England. Manufacture of cellulose derivatives. 2,010,850; Aug. 13.
- Dreyfus, Henry, London, England. Manufacture of meth-ylamine. 2,011,569; Aug. 20.
- Dreyfus, Henry, London, England. Production of methyl-amine. 2,011,570; Aug. 20.
- Dreyfus, Henry, London, England. Manufacture of organic substitution derivatives of cellulose. 2,015,104; Sept. 24.
- Dreyfus, Henry, London, England. Hydration of olefines. 2,015,105; Sept. 24.
- Dreyfus, Henry, London, England. Production of cellu-losic materials or cellulose. 2,019,598; Nov. 5.
- Dreyfus, Henry, London, England. Textile material. 2,020,303; Nov. 12.
- Dreyfus, Henry, London, England. Manufacture of oxy-genated organic compounds. 2,020,671; Nov. 12.
- Dreyfus, Henry, London, England. Hydration of olefines. 2,020,672; Nov. 12.
- Dreyfus, Henry, London, England. Production of oxygen-containing addition products of ethylene. 2,020,673; Nov. 12.
- Dreyfus, Henry, London, England. Manufacture of hy-dration products of olefines. 2,020,674; Nov. 12.
- Dreyfus, Henry, London, England. Manufacture of arti-ficial filaments, threads, films, fabrics, and the like. 2,022,411; Nov. 26.
- Dreyfus, Henry, London, England. Treatment of cellu-losic materials. 2,022,654; Dec. 3.
- Dreyfus, Henry, London, England. Manufacture of dye-stuffs of the anthraquinone series. 2,022,956; Dec. 3.
- Dreyfus, Henry, London, England. Application of new organic ethers. 2,025,044; Dec. 24.
- Dreyfus, Henry, London, England. Production and treat-ment of textile and other materials made of or contain-ing cellulose. 2,025,940; Dec. 31.
- Dreyfus, Henry, London, W. A. Dickie, and C. W. North, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile material. 1,993,922; Mar. 12.
- Dreyfus, Henry, London, and W. A. Dickie, and W. I. Taylor, Spondon, near Derby, England, assignors to Celanese Corporation of America. Artificial filament yarn, or thread. 1,996,796; Apr. 9.
- Dreyfus, Henry, London, and W. A. Dickie and R. W. Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile materials. 2,020,304; Nov. 12.
- Dreyfus, Henry, London, W. A. Dickie, and R. W. Mon-crieff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile yarn and fabric. 2,021,717; Nov. 19.
- Drezdon, Roman F., Milwaukee, Wis. Valve and burner construction. 2,025,276; Dec. 24.
- Driebeaus, Herman W., Cicero, assignor to Goodman Manu-facturing Company, Chicago, Ill. Mining machine. 2,006,855; July 2.
- Driesen, William M., Clifton, N. J., assignor to S. D. Warren Company, Boston, Mass. Manufacture of trans-parent paper. 2,018,638; Oct. 22.
- Driess, Oscar M., assignor of one-half to H. H. Seay, Louis-ville, Ky. Container. 2,026,463; Dec. 31.
- Driessens, Joseph C., and W. A. Carmichael, New Haven, Conn., assignors to C. Cowles & Company. Automobile doorlatch. 1,987,927; Jan. 15.
- Driggs, Frank H., Bloomfield, N. J., assignor to West-inghouse Lamp Company. Producing clad metals. 2,019,599; Nov. 5.
- Driggs, Houston H., Washington, D. C. Torpedo or the like. 1,998,805; Apr. 23.
- Driggs, Louis L., Jr., Tippecanoe City, assignor to The Kil-gore Mfg. Company, Westerville, Ohio. Cannon. 1,999,357; Apr. 30.
- Drice Appliances Incorporated. (See Quinn, Clara E., assignor.)
- Drinkwater, James D. S., Chester, England, and J. H. D. Petersen, Chicago, Ill., assignors to Link-Belt Company. Air control receiver. 2,019,662; Nov. 5.
- Drinkwater, John A., Yarmouth, Maine. Collar flap and necktie holder. 1,991,797; Feb. 19.
- Driscoll, Hugh D., Tulsa, Okla. Antiskid attachment for shoes. 2,022,655; Dec. 3.
- Driscoll, John J., Jersey City, N. J., assignor to P. Loril-lard Co., New York, N. Y. Combined smoking tobacco and cigarette paper booklet package. 2,011,399; Aug. 13.
- Drissner, Alfred E., assignor to The National Acme Com-pany, Cleveland, Ohio. Indexing mechanism for auto-matic multiple spindle screw machines. 1,991,382; Feb. 19.
- Drissner, Alfred E., assignor to The National Acme Com-pany, Cleveland, Ohio. Starter spring and making same. 1,995,116; Mar. 19.
- Drissner, Alfred E., assignor to The National Acme Com-pany, Cleveland, Ohio. Automatic multiple spindle ma-chine. 1,996,368; Apr. 2.
- Drissner, Alfred E., assignor to The National Acme Com-pany, Cleveland, Ohio. Stock reel for automatic mul-tiple spindle screw machines. 2,011,712; Aug. 20.
- Drissner, Alfred E., South Euclid, Ohio, assignor, by mesne assignments, to Sears, Roebuck and Co., Chicago, Ill. Valve. 2,015,396; Sept. 24.
- Drissner, Alfred E., and W. J. Hogg, assignors to The National Acme Company, Cleveland, Ohio. Collapsible pipe tap. 2,024,278; Dec. 17.
- Driver-Harris Company. (See Blythe, William E., as-signor.)
- Driver-Harris Company. (See Hunter, Matthew A., as-signor.)
- Driver-Harris Company. (See Lohr, James M., assignor.)
- Driver, John M., Wynnewood, Pa. Machine for fabricat-ing containers. 1,993,052; Mar. 5.
- Driver, John M., Wynnewood, Pa. Container. 2,003,182; May 28.
- Driver, John M., San Francisco, Calif. Manufacture of bags. 1,997,378; Apr. 9.
- Driver, John M., San Francisco, Calif. Utilization of cellu-losic films, sheets, and the like. 2,004,041; June 4.
- Driver, John M., San Francisco, Calif. Wrapper for arti-cles of merchandise. 2,019,401; Oct. 29.
- Driver, John M., San Francisco, Calif. Bag closure and making the same. 2,023,782; Dec. 10.
- Droble, Albert W., Cynwyd, Pa. Apparatus for coating fabrics. 2,001,488; May 14.
- Drobish, Adolph E., Chicago, Ill., assignor to Western Elec-tric Company, Incorporated, New York, N. Y. Regulat-ing system for dynamo-electric machines. 2,008,855; July 23.
- Drohan, James J., York Village, Maine, assignor to George Erickson, Everett, Mass. Valve grinding tool. 1,994,986; Mar. 19.
- Drohmann, Carl, Stuttgart-Munster, and K. Munz, Stutt-gart-Wurtemberg, Germany. Machine for packing nutri-ent fats. 2,019,002; Oct. 29.
- Droll, Joseph W. (See Olson, Alex H., assignor.)
- Drood, Harry, Brooklyn, N. Y. Pouring means for canis-ters. 2,022,342; Nov. 26.
- Drood, Harry, Brooklyn, N. Y. Pouring means for canis-ters. 2,022,343; Nov. 26.
- Droop, Goswin, Habana, Cuba. Smoker's item. 2,006,015; June 25.
- Drossbach, Otto, and E. Roell, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of con-densation products from aromatic hydrocarbons. 1,996,738; Apr. 9.
- Drossbach, Otto, and E. Roell, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of con-densation products from aromatic hydrocarbons. 1,996,739; Apr. 9.
- Drossbach, Otto, and A. Johannsen, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc. Production of aldehydes from dicarboxylic acids. 2,018,350; Oct. 22.
- Drouin, Charles, Paris, France. Carburetor. 2,022,957; Dec. 3.
- Druckmaschinen Aktiengesellschaft. (See Stüssi, Rudolf, assignor.)
- Druckersetzter G. m. b. H. (See Niederreither, Hans, as-signor.)
- Drueding, Bernhard J., Philadelphia, Pa. Sweatband. 2,013,088; Sept. 3.
- Drug Products Co. Inc., The. (See Torigian, John, as-signor.)
- Drum, George E., and W. H. Jaxheimer, assignors to Smith, Drum & Company, Philadelphia, Pa. Reel operating mechanism for dyeing machines. 1,986,626; Jan. 1.
- Drum, Harry S., Abington, and W. C. Dodson, Jenkin-town, assignors to Smith, Drum and Company, Phila-delphia, Pa. Thread winding mechanism. 1,992,026; Feb. 19.
- Drum, Harry S., Abington, and W. C. Dodson, Meadow-brook, assignors to Smith, Drum and Company, Phila-delphia, Pa. Processing apparatus for fiber cakes. 2,017,690; Oct. 15.
- Drum, Harry S., Abington, and W. C. Dodson, Meadow-brook, assignors to Smith, Drum and Company, Phila-delphia, Pa. Processing fiber cakes. 2,017,691; Oct. 15.
- Drumm Battery Company. (See Drumm, J. J., Hagyard and Barklie, assignors.)
- Drumm Battery Company Limited. (See Drumm, J. J., and Burnell, assignors.)
- Drumm, Elmer E., Manitowoc, Wis. Electric heating ele-ment. 2,023,875; Dec. 10.
- Drumm, James J., and A. G. Burnell, Inchicore, Dublin, assignors to Drumm Battery Company Limited, Dublin, Ireland. Electric storage battery. 2,004,552; June 11.
- Drumm, James J., T. Hagyard, and R. H. D. Barklie, Irish Free State, assignors to Drumm Battery Company, Lim-ited, Dublin, Ireland. Storage battery. 2,013,379; Sept. 3.
- Drumam, John B., Winslow, Ariz. Roller for shades, awn-ings, curtains, or the like. 2,012,261; Aug. 27.

- Drummev, William W., Boston, Mass. Desk and chair unit. 2,023,761; Dec. 10.
- Drummond, James R., Onancock, Va. Vegetable and fruit sizing machine. 2,012,847; Aug. 27.
- Drummond, Robert S., Detroit, Mich. Lapping gears. 1,989,650; Jan. 29.
- Drummond, Robert S., Detroit, Mich. Method of finishing gears. 1,989,651; Jan. 29.
- Drummond, Robert S., assignor to National Broach & Machine Company, Detroit, Mich. Finishing internal gears. 1,989,652; Jan. 29.
- Drummond, William D., Cliffside, N. J. Automatic hood guard. 2,010,851; Aug. 13.
- Druyvesteyn, Johan. (See de Groot, W., and Druyvesteyn.)
- Druyvesteyn, Mari J. (See Uytterhoeven, W., and Druyvesteyn.)
- Druyvesteyn, Mari J., Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge device. 2,010,852; Aug. 13.
- Dry Cleaning Syndicate. (See Kreis, Joseph D., assignor.)
- Dryer, Charles G. (See Morrell, J. C., and Dryer.)
- Dryfuss, Barney J., New York, N. Y., and E. F. Aubry, Jr., Weehawken, N. J. Face cream. 2,023,125; Dec. 3.
- Drylie, David R. (See Newell, R. E., and Drylie.)
- Drypolcher, William, Valley Stream, assignor to Markwell Mfg. Co. Inc., New York, N. Y. Staple remover. 1,989,918; Feb. 5.
- Drysdale, William D., Buffalo, N. Y., assignor to W. J. Sugden, Boston, Mass. Refrigerator. 1,992,298; Feb. 26.
- Drysdale, William D., Buffalo, N. Y., assignor to Walter J. Sugden, Boston, Mass. Compressing machine. 2,005,578; June 18.
- Duarte, John T., Honolulu, Hawaii. Theft resisting hub cap and wheel lock. 2,005,535; June 18.
- Dubbs, Carbon P., assignor to Universal Oil Products Company, Chicago, Ill. Treating hydrocarbons. 2,001,187; May 14.
- Dubbs, Carbon P., assignor to Universal Oil Products Company, Chicago, Ill. Cracking of hydrocarbon oil. 2,010,982; Aug. 13.
- Dubbs, Carbon P., Wilmette, assignor to Universal Oil Products Company, Chicago, Ill. Treating petroleum oil. 2,004,196; June 11.
- Dubbs, Carbon P., Wilmette, assignor to The Universal Oil Products Company, Chicago, Ill. Treating hydrocarbon oil. 2,009,878; July 30.
- Dubbs, Carbon P., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,018,708; Oct. 29.
- Dubbs, Carbon P., Wilmette, assignor to Universal Oil Products Company, Chicago, Ill. Treating hydrocarbons. 2,025,500; Dec. 24.
- Dubbs, Carbon P., Wilmette, assignor to Universal Oil Products Company, Chicago, Ill. Converting higher into lower boiling oils. 2,025,501; Dec. 24.
- Dube, Isadore H., Cincinnati, Ohio. Ash tray. 1,990,090; Apr. 23.
- Dubé, Nelson, La Tuque, Quebec, Canada. Fire extinguisher. 2,011,803; Aug. 20.
- Duber, Paul F. (See Burgess, H. K., and Duber.)
- Dubied, Edouard, & Cie Société Anonyme. (See Diam, Hans, assignor.)
- Dubiller Condenser Corporation. (See Nyman, Alexander, assignor.)
- Dubilier, William, New Rochelle, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Electromagnetic operating mechanism. 2,023,355; Dec. 3.
- Dubitsky, Simon, Glendale, Long Island, S. Adler, Bronx, E. Grieshaber, C. Dearcopp, Glendale, Long Island, and R. Wood, South Ozone Park, N. Y. Doorcheck. 2,005,457; June 18.
- Du Bois, Alexander D., Excelsior, Minn. Measuring and recording interval demand for apparent power. 1,998,711; Apr. 23.
- Du Bois, David I. (See Headley, B. T., and Du Bois.)
- DuBois, David I., Millville, assignor to Whitall Tatum Company, Millville, N. J. Driving mechanism. 2,026,023; Dec. 31.
- Du Bois, Ernest, Itterbeek, Chateau de Pierrefonds, Belgium, assignor to International Carbonic Engineering Company, Kennett Square, Pa. Apparatus for automatically controlling discharge of fluids under pressure into a pressure chamber. 2,005,650; June 18.
- DuBois, Ernest, Itterbeek, Belgium, assignor to International Carbonic Engineering Company, Kennett Square, Pa. Apparatus for the transportation and conservation of ice cream. 2,018,608; Oct. 22.
- Dubois, Peter F., Detroit, Mich. Ellipsograph. 1,997,814; Apr. 16.
- Du Bois, Ralph N., Detroit, Mich., assignor, by mesne assignments, to Continental Aircraft Engine Company. Internal combustion engine. 1,990,531; Feb. 12.
- Du Bois, Ralph N., Grosse Pointe Farms, assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,996,909; Apr. 9.
- Du Bois, Ralph N., assignor, by mesne assignments, to Continental Motors Corporation, Detroit, Mich. Internal combustion engine. 2,011,804; Aug. 20.
- Du Bose, Edward S. (See Taylor, A. C., and Du Bose.)
- Dubbernell, George, Ann Arbor, and K. G. Soderberg, assignors to Udylite Process Company, Detroit, Mich. Brightening metals electronegative to iron. 2,021,592; Nov. 19.
- Dubroff, Harold C. (See Bernstein, M., and Dubroff.)
- Dubrovinn, John, assignor of one-half to C. H. Canode, Chicago, Ill. Air cooling apparatus. 2,023,876; Dec. 10.
- Du Brul, Clarence J., Cincinnati, Ohio. Mitering sheet material. 2,000,634; May 7.
- Dubuar-Rooney, Inc. (See Rooney, Frederick M., assignor.)
- Dubuc, Paul N., Danielson, Conn. Machinery. 2,006,130; June 25.
- Dubus, Peter A., New Orleans, La. Bearing for coffee roasters. 2,010,752; Aug. 6.
- Duby, John F., Boston, Mass. Wheel aligning gauge. 1,996,409; Apr. 2.
- Duby, John F., Boston, Mass. Vehicle steering arm gauge. 2,003,178; May 28.
- Duby, John F., Boston, Mass. Vehicle testing apparatus. 2,007,565; July 9.
- Ducker, Louis F., assignor of ten per cent to C. R. Duhlmeier, Cincinnati, Ohio. Power washing machine. 1,990,272; Feb. 5.
- Ducker, Louis F., Orlando, Fla., assignor to R. A. Kaps, and C. H. C. Van Pelt, Cincinnati, Ohio, and L. F. Ducker, trustees. Liquid expresser. 1,996,505; Apr. 2.
- Duckett, Willie R., Franklin, Nebr. Chewing gum receiver. 2,007,042; July 2.
- Duckwall, Frank E., assignor to Continental Optical Company, Inc., Indianapolis, Ind. Apparatus for inspecting lenses. 1,988,169; Jan. 15.
- Duda, Oswald, assignor to American Well & Prospecting Company, Corsicana, Tex. Valve mechanism. 2,001,818; May 21.
- Dudick, Victor, Belle Vernon, Pa. Brake for electric motors. 2,025,098; Dec. 24.
- Dudley, Andrew T. (See Winterson, F. J., Dudley and Carlstrom.)
- Dudley, Andrew T., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Return bend. 1,994,987; Mar. 19.
- Dudley, Andrew T., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Return bend. 2,023,805; Dec. 10.
- Dudley, Henry A., Lansing, Mich. Envelopes for floral identification cards. 1,993,151; Mar. 5.
- Dudley, Homer W., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier wave transmission system. 2,009,438; July 30.
- Dudley, Ira L. (See Foster, W. H., and Dudley.)
- Dudley Lock Corporation. (See Hope, Samuel N., assignor.)
- Dudley Lock Corporation. (See Neitz, J. J., and Svoboda assignors.)
- Dudley, William A., Los Angeles, Calif., assignor to Pacific Coast Borax Co. Powdered soap dispenser. 1,993,401; Mar. 5.
- Dudley, Wray, Mount Lebanon Borough, Pa., assignor to National Tube Company. Electrically welding pipe. 2,005,579; June 18.
- Duecy, Charles M., Everett, Wash. Automatic brake catch and release. 2,010,628; Aug. 6.
- Duell, Charles H., assignor to International Cosmetic Company, Inc., New York, N. Y. Container. 2,021,444; Nov. 19.
- Duemler, Virgil E. (See Spear, L. F., and Duemler.)
- Duerr, Harry O., San Diego, Calif. Inclinator grate. 1,999,722; Apr. 30.
- Duerr, John F., assignor to M. S. Levy & Sons, Inc., Baltimore, Md. Hat sweat band. 2,015,004; Sept. 17.
- Duesler, George O., Los Angeles, Calif., assignor to International Motor Company, New York, N. Y. Support for dump bodies and the like. 2,007,957; July 16.
- Duevel, Charles O., Jr., and A. H. Payson, assignors to The American Thermos Bottle Company, Norwich, Conn. Double-walled vacuum container. 1,987,892; Jan. 15.
- Duez, August, and A. Dupage, Tovey, Ill. Jack attachment. 1,999,627; Apr. 30.
- Dufay, Louis, Besancon, France. Decorating objects and decorated objects obtained by means of these methods. 1,996,539; Apr. 2.
- Dufaycolor Limited. (See Bonamico, Charles, assignor.)
- Dufaycolor Limited. (See Harrison, Geoffrey B., assignor.)
- Duff, Charles L., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Portable unloader. 1,999,448; Apr. 30.
- Duff, Elmo E., Jennings, Okla. Wire line shock absorber. 2,003,255; May 28.
- Duff, Ewen C., assignor to Kops Brothers, Inc., New York, N. Y. Surgical belt. 2,010,585; Aug. 6.
- Duff, John D., Pittsburgh, and L. E. Dietrich, Crafton, Pa., assignors to P. Duff & Sons, Inc. Making a dehydrated flour mix. 2,016,318; Oct. 8.
- Duff, John D., Pittsburgh, and L. E. Dietrich, Crafton, Pa., assignors to P. Duff & Sons, Inc. Making a dehydrated flour mix. 2,016,319; Oct. 8.
- Duff, John D., Pittsburgh, and L. E. Dietrich, Crafton, Pa., assignors to P. Duff & Sons, Inc. Dehydrated flour mix and making the same. 2,016,320; Oct. 8.
- Duff-Norton Manufacturing Company, The. (See Schwerin, Frank H., assignor.)
- Duff, P., & Sons, Inc. (See Duff, John D., and Dietrich, assignors.)
- Duffield, George B., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,008,323; July 16.

- Duffner, Carl A., Cleveland Heights, Ohio. Air purifier. 2,017,590; Oct. 15.
- Duffy, Charles G., Brooklyn, N. Y., assignor, by mesne assignments, to Sealed Joint Products Company, Inc. Tile construction. 1,991,550; Feb. 19.
- Duffy, Charles G., Brooklyn, N. Y., assignor to Sealed Joint Products Co., Inc. Wall construction. 1,997,092; Apr. 9.
- Duffy, George R., Medford, assignor to Star Oil Refining Corporation, Boston, Mass. Apparatus and process for re-refining waste lubricating oil. 1,997,295; Apr. 9.
- Duffy, James F., assignor to Duffy Manufacturing Company, Holland, Mich. Running board. 2,019,663; Nov. 5.
- Duffy, James T., Jr., Wynnewood, Pa., assignor to Pioneer Suspender Company. Buckle. 1,987,671; Jan. 15.
- Duffy, James T., Jr., Wynnewood, Pa., assignor to Pioneer Suspender Company. Clasp. 1,999,287; Apr. 30.
- Duffy, John, West New York, N. J. Roasting apparatus. 2,012,811; Aug. 27.
- Duffy Manufacturing Company. (See Duffy, James F., assignor.)
- Duffy, Peter J., Houston, Tex. Extinguishing oil well fires. 2,000,381; May 7.
- Duffy, Walter B., Fairbank, Iowa. Milk bottle cap. 2,019,402; Oct. 29.
- Dufour, George H., Oak Park, assignor to Marshall Field & Company, Chicago, Ill. Ash receiver. 2,011,619; Aug. 20.
- Dufour, Léon, Versoix, Switzerland. Motor propelled cultivator. 2,015,218; Sept. 24.
- Duft, Harry C., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Radio detector system. 1,994,506; Mar. 19.
- Dufschmid, Franz, Heidelberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Magnetic material and its production. 2,006,987; July 2.
- Duffy, Clifford G., Quirindi, New South Wales, Australia. Comb for sheep shearing machines. 2,024,915; Dec. 17.
- Du-Gas Fire Extinguisher Corporation. (See Meigs, Charles H., assignor.)
- Dugdale, Richard M., Dedham, assignor to Farrington Manufacturing Company, Boston, Mass. Cut stencil. 1,998,983; Apr. 23.
- Dugdale, Richard M., Dedham, assignor to Farrington Manufacturing Company, Boston, Mass. Addressing machine. 2,006,856; July 2.
- Duggan, Paul E., Philadelphia, Pa. Control switch for moving picture projectors. 2,011,272; Aug. 13.
- Duhan, Franz, Vienna, Austria. Apparatus with locking device and pressure actuated button for the delivery of products of tobacco and other cylindrical goods. 1,988,546; Jan. 22.
- Duhmeier, Charles R. (See Ducker, Louis F., assignor.)
- Duhse, Siegfried. (See Ledig, W., Müller, Asmussen, Duhse, and Wilde.)
- Duke, Harry, Salem, Mass. Sewing machine. 2,025,652; Dec. 24.
- Duke, Harvie J., assignor to Gardner Company, Orange, N. J. Calculating machine. 2,010,068; Aug. 6.
- Dukes, Israel, Philadelphia, Pa. Garment carrier. 2,025,733; Dec. 31.
- Duket, John J., Toledo, Ohio. Can opener. 1,011,193; Aug. 13.
- Dulac, Pierre, Paris, assignor to Société Charles Chedeville, Albert Lelandaïs et Cie., Eure, France. Machine for cutting and resharpening the reeds of wind instruments. 2,003,348; June 4.
- Dulaney, G. W., Trust, The. (See Kalk, Albert C., assignor.)
- Dulany, Ralph O. (See Stansbury, John H., assignor.)
- Dull, Floyd N., Rutherford, N. J. Highway director. 2,021,934; Nov. 26.
- Dull, Waldo N., and P. B. Mutzfeld, Butler, Ind. Sand distributing device. 2,018,609; Oct. 22.
- Dullere, Arthur. (See Nielsen, Emil J., assignor.)
- Dullere, Arthur, Freeport, Ill. Detention hinge for toilet seats and covers. 2,026,024; Dec. 31.
- Duman, Everett C., Bellingham, Wash. Attached automobile Jack. 1,988,304; Jan. 15.
- Dumas, Charles. (See Wallace, J. E., and Dumas.)
- Dumbauld, Jacob G. (See Mognet, Z. P., and Dumbauld.)
- Dumble, Clifford R., Arlington, assignor to W. B. Spieler, Brookline, Mass. Dispensing and game playing machine. 2,003,349; June 4.
- Dunke, William C., Chicago, Ill. Clamp. 2,002,141; May 21.
- Dumm, Edwin J., Marion, Ohio. Vibration cushioning driving device. 2,017,591; Oct. 15.
- Du Mond, Jesse W. M., and A. Hoyt, Pasadena, Calif. X-ray dosimeter. 1,990,022; Feb. 5.
- Dumont, Allen B., Upper Montclair, N. J. Electron turbine. 1,999,407; Apr. 30.
- Du Mont, Allen B., Upper Montclair, N. J. Telautograph. 2,000,014; May 7.
- Du Mont, Allen B., Upper Montclair, N. J. Voltmeter for vacuum tubes. 2,014,106; Sept. 10.
- Dumont, Henri, Hamburg, assignor to the firm Internationale Galalith-Gesellschaft Hoff & Co., Harburg-Wilhelmsburg (Elbe), Germany. Accelerating the hardening of shaped casein articles. 1,992,478; Feb. 26.
- Dumont, Henri, Hamburg, assignor to firm Internationale Galalith-Gesellschaft Hoff & Co., Harburg-Wilhelmsburg (Elbe), Germany. Coloring hardened masses made from casein and other protein substances. 2,010,480; Aug. 6.
- Dumser, Leo A., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Machine tool. 1,988,267; Jan. 15.
- Dumser, Leo A., and O. W. Floody, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Machine tool. 2,002,938; May 28.
- Dumser, Leo A., and C. J. Schroeder, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Lathe. 2,016,365; Oct. 8.
- Dun, Joseph H., et al. (See Biery, Galen A., assignor.)
- Dunagan, Walter M., Ames, Iowa. Testing materials. 1,989,003; Jan. 22.
- Dunbar, Charles, Middleton, England, assignor to Imperial Chemical Industries Limited. Detergent composition. 2,013,300; Sept. 3.
- Dunbar, Charles, Middleton, and W. Todd, Manchester, England, assignors to Imperial Chemical Industries Limited. Wetting preparations and their manufacture. 2,000,559; May 7.
- Duncan, Clyde E., and F. O. Leeman, Providence, R. I. Pump. 1,993,053; Mar. 5.
- Duncan Electric Manufacturing Company. (See Green, Stanley S., assignor.)
- Dunbar, John A. (See Deblieux, J. D., and Dunbar.)
- Duncan, James K., D. H. Whitehead, and J. M. Cheney, assignors to Ditto, Incorporated, Chicago, Ill. Sectional roll duplicator. 2,026,025; Dec. 31.
- Duncan, Herbert L., Highland Park, assignor to Lewis P. Threlkeld, Detroit, Mich. Automatic spark and valve timing control. 2,011,571; Aug. 20.
- Duncan, James E., Jr., and W. W. Reese, assignors to The Duncan & Miller Glass Company, Washington, Pa. Manufacture of glassware. 1,996,910; Apr. 9.
- Duncan, James K., and C. N. Johnson, assignors to Ditto, Incorporated, Chicago, Ill. Rotary duplicator. 1,989,793; Feb. 5.
- Duncan & Miller Glass Company, The. (See Duncan, J. E., Jr., and Reese, assignors.)
- Duncan, Robert D., Jr., East Orange, N. J., assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Broadcasting system. 1,996,149; Apr. 2.
- Duncan, Virgil, Racine, Wis. Air valve. 2,016,801; Oct. 8.
- Duncan, W. C. (See Hartzell, Samuel A., assignor.)
- Duncan, Walter G., assignor of one-half to K. Craig, one-fourth to N. Selseth and one-fourth to J. Forward, Duluth, Minn. Illuminated hydrometer. 2,010,390; Aug. 6.
- Duncan, William A., Statesville, N. C. Table with foldable leaves. 2,003,926; June 4.
- Duncombe, George H., Jr. (See Carter, W. K., and Duncombe.)
- Dundon, Daniel C. (See Carter, L. F., and Dundon.)
- Dundon, Daniel C., Floral Park, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Spherometer. 2,010,144; Aug. 6.
- Dundore, Marvin W., assignor to Beloit Iron Works, Beloit, Wis. Facing material for sand molds. 1,996,283; Apr. 2.
- Duner, Co. (See Duner, Sven, assignor.)
- Duner, Sven, Wheaton, assignor to Duner Co., Chicago, Ill. Water closet. 1,992,653; Feb. 26.
- Dunham, Aubra R. (See Dunham, Clayton A., and A. R.)
- Dunham, Bert G., Hawthorne, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,023,011; Dec. 3.
- Dunham, C. A. Company. (See Crosthwait, David N. jr., assignor.)
- Dunham, C. A. Company. (See Dunham, Clayton A., assignor.)
- Dunham, C. A., Company. (See Dwyer, Lawrence P., assignor.)
- Dunham, Clayton A., Glencoe, Ill., assignor to C. A. Dunham Company, Marshalltown, Iowa. Piston type discharge valve. 1,986,429; Jan. 1.
- Dunham, Clayton A., Glencoe, Ill., assignor to C. A. Dunham Company, Marshalltown, Iowa. Heating system. 1,999,040; Apr. 23.
- Dunham, Clayton A., Glencoe, Ill., assignor to C. A. Dunham Company, Marshalltown, Iowa. Method and apparatus for heating with steam. 2,003,585; June 4.
- Dunham, Clayton A., Glencoe, Ill., assignor to C. A. Dunham Company, Marshalltown, Iowa. Exhausting apparatus. 2,009,387; July 30.
- Dunham, Clayton A. and A. R., Glencoe, Ill., assignor to Experimental Laboratories Incorporated, Chicago, Ill. Heating apparatus. 2,005,224; June 18.
- Dunham, George S., Augusta, Kans., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method and apparatus for handling residual oils. 1,998,122; Apr. 16.
- Dunham, George S., Augusta, Kans., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Process and apparatus for the distillation and conversion of hydrocarbons. 1,998,123; Apr. 16.
- Dunham, Henry V., Bainbridge, N. Y. Casein product and making. 2,005,730; June 25.
- Dunham, John R., Highland Park, N. J. Centerless grinder. 1,999,320; Apr. 30.
- Dunham, John R., Highland Park, assignor to John Waldron Corporation, New Brunswick, N. J. Drying stick. 2,014,523; Sept. 17.

- Dunham, John R., New Brunswick, N. J. Feed and tail stock for grinding machines. 1,999,321; Apr. 30.
- Dunham, Le Roy S., East Orange, and A. F. Robertson, Belleville, assignors to Edison-Splitdorf Corporation, West Orange, N. J. Convertible magneto. 1,988,724; Jan. 22.
- Dunkley Company. (See Schau, Harvey C., assignor.)
- Dunlap, Charles K., assignor to Sonoco Products Company, Hartsville, S. C. Thread core. 2,006,797; July 2.
- Dunlap, Charles K., assignor to Sonoco Products Company, Hartsville, S. C. Compressed paper articles and making the same. 2,013,747; Sept. 10.
- Dunlap, Charles K., assignor to Sonoco Products Company, Hartsville, S. C. Compressed paper article. 2,013,748; Sept. 10.
- Dunlap, Charles K., assignor to Sonoco Products Company, Hartsville, S. C. Making cones and tubes. 2,014,040; Sept. 10.
- Dunlap, Charles K., assignor to Sonoco Products Company, Hartsville, S. C. Spool. 2,021,992; Nov. 26.
- Dunlap, DeClermont, Newark, N. J. Monorail switch. 2,005,133; June 18.
- Dunlap, DeClermont, Newark, N. J. Monorail motor truck. 2,020,540; Nov. 12.
- Dunlap, Robert E., Shreveport, La. Detachable crank and counterbalance for oil well pumping machines. 1,986,188; Jan. 1.
- Dunlap, William J., Long Beach, Calif. Sand and gas separator. 2,010,947; Aug. 13.
- Dunlop, James. (See Cooper, W., and Dunlop.)
- Dunlop, James, Park Ridge, assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Cable equalizer. 1,997,681; Apr. 16.
- Dunlop, James, Park Ridge, Ill., assignor to Westinghouse Electric & Manufacturing Company. Motor control system. 2,005,890; June 25.
- Dunlop, James, Park Ridge, assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Moving stairway. 2,023,067; Dec. 3.
- Dunlop Rubber Company. (See Goodyear, E. F., and Wright, assignors.)
- Dunlop Rubber Company. (See Madge, Evelyn W., assignor.)
- Dunlop Rubber Company. (See Murphy, E. A., and Gorham, assignors.)
- Dunlop Rubber Company. (See Murphy, E. A., Purkis, and Twiss, assignors.)
- Dunlop Rubber Company. (See Murphy, E. A., and Twiss, assignors.)
- Dunlop Rubber Company. (See Twiss, D. F., Jones, and Allen, assignors.)
- Dunlop Rubber Company. (See Twiss, D. F., and McCowan, assignors.)
- Dunlop Rubber Company Limited. (See Chapman, W. H., Owen, and Pounder, assignors.)
- Dunlop Rubber Company Limited. (See Chapman, W. H., Pounder, Murphy, and Purkis, assignors.)
- Dunlop Rubber Company Limited. (See Gorham, W. G., and Trobridge, assignors.)
- Dunlop Rubber Company Limited. (See Lacey, B. W. D., and Bawcutt, assignors.)
- Dunlop Rubber Company Limited. (See Murphy, Edward A., assignor.)
- Dunlop Rubber Company Limited. (See Murphy, E. A., and Madge.)
- Dunlop Rubber Company Limited. (See Murphy, E. A., and Niven, assignors.)
- Dunlop Rubber Company Limited. (See Murphy, E. A., Niven, and Twiss, assignors.)
- Dunlop Rubber Company Limited. (See Trobridge, Geoffrey W., assignor.)
- Dunlop Rubber Company Limited. (See Twiss, D. F., and Owen, assignors.)
- Dunlop Tire and Rubber Corporation. (See King, Frank G. W., assignor.)
- Dunlop Tire and Rubber Corporation. (See Madge, E. W., and Payne, assignors.)
- Dunlop Tire & Rubber Corporation. (See McChesney, Cuyler S., assignor.)
- Dunlop Tire and Rubber Corporation. (See Nash, Robert J., assignor.)
- Dunlop Tire and Rubber Corporation. (See Twiss, D. F., and Jones, assignors.)
- Dunlop Tire & Rubber Corporation. (See Twiss, D. F., Neale, and Wilson, assignors.)
- Dunlop Tire and Rubber Corporation. (See Willshaw, H., and Davenport, assignors.)
- Dunlop Tire and Rubber Corporation. (See Willshaw, H., Norcross, and Broadbent, assignors.)
- Dunlop Tire and Rubber Corporation. (See Willshaw, H., Smith, and Yoxon, assignors.)
- Dunmire, Fred A., Berea, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Wood joint. 2,013,749; Sept. 10.
- Dunmore, Francis W. (See Diamond, H., and Dunmore.)
- Dunmore, Francis W., Washington, D. C. Method and apparatus for radiobeacon course and quadrant identification. 1,992,927; Feb. 26.
- Dunn, Alfred W., et al. (See Funck, J., and Dunn.)
- Dunn, Allen I., assignor to Cedar Rapids Engineering Company, Cedar Rapids, Iowa. Boring head and gauge for cylinder reboring machine. 1,988,378; Jan. 15.
- Dunn, Arthur E., and G. J. Barrett, Grand Rapids, Mich. Ribbon treating device. 1,988,305; Jan. 15.
- Dunn, Carl L., Trion, assignor to The Trion Company, Trion, Ga. Hand covering. 2,018,841; Oct. 29.
- Dunn, Charles, Lock Haven, Pa. Treating tobacco and product resulting therefrom. 2,007,123; July 2.
- Dunn, Edward A., Troy, N. Y. Knife handle. 1,998,188; Apr. 16.
- Dunn, George T., et al. (See Carson, Lee L., assignor.)
- Dunn, Holbert E. (See Saklatwalla, B. D., and Dunn.)
- Dunn, Holbert E. (See Saklatwalla, B. D., Dunn, and Marshall.)
- Dunn, Hugh K. (See O'Neill, H. T., and Dunn.)
- Dunn, Irwin L., Tulsa, Okla. Safety plug. 2,001,458; May 14.
- Dunn, Mary C. (See Walker, John H., assignor.)
- Dunn, Robert F., et al. (See Biery, Galen A., assignor.)
- Dunn, William G., Clarinda, Iowa. Pneumatic liquid dispenser. 2,017,145; Oct. 15.
- Dunn, William H., Norbury, London, assignor of one-half to A. J. Garnett Limited, London, England. Traveling case. 2,018,540; Oct. 29.
- Dunn, William L. (See Arnold, R. M., and Dunn.)
- Dunn, William L., assignor to Sprague Specialties Company, Quincy, Mass. Discharge tube filter. 2,011,442; Aug. 13.
- Dunnam, Richard A., Dayton, Ohio. Grooving machine. 2,000,129; May 7.
- Dunne, Arthur J. (See Harris, Richard H., Jr., assignor.)
- Dünnebler, Max. (See Winkler, A., and Dünnebler.)
- Dunnell, Warren W., Los Angeles, Calif. Sanitary cover for toilet seats. 2,025,941; Dec. 31.
- Dunner, Julius, assignor to Ideal Novelty & Toy Co., Brooklyn, N. Y. Eye construction for the heads of dolls and the like. 1,995,537; Mar. 26.
- Dunning, Edward W., Baltimore, Md. Desk and magazine rack. 2,012,660; Aug. 27.
- Dunning, Fitzgerald, assignor to Hynson, Westcott & Dunning, Incorporated, Baltimore, Md. Preparation for protecting against light of short wave length. 2,015,008; Sept. 17.
- Dunning, Joseph W. (See Magill, P. L., Dunning, and Ressler.)
- Dunning, Joseph W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Fumigant. 1,996,065; Apr. 2.
- Dunning, Joy D., Cherokee, Iowa. Outlet control means for collapsible material holding tubes. 1,996,284; Apr. 2.
- Dunning, Louis, Bloomington, Ill. Fountain pen blotter. 2,010,753; Aug. 6.
- Dunning, Neal M., Larchmont, assignor to John B. Pierce Foundation, New York, N. Y. Kitchen unit. 2,007,184; July 9.
- Dunning, Orville M., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electro-mechanical translating device. 2,020,139; Nov. 5.
- Dunstan, Albert E., assignor to Anglo-Persian Oil Company, Limited, London, England. Deodorizing a hydrocarbon liquid. 1,999,041; Apr. 23.
- Dunstan, Albert E., London, and S. F. Birch, Sunbury-on-Thames, assignors to Anglo-Persian Oil Company Limited, London, England. Production of glycols. 1,996,193; Apr. 2.
- Dunstan, George E. (See Koelman, George A., assignor.)
- Dunwoody, Isaac M., Denver, Colo. Game board. 2,025,942; Dec. 31.
- Dunzweller, Carl J., assignor to Willard Storage Battery Company, Cleveland, Ohio. Plate holddown. 1,992,817; Feb. 26.
- Dunzweller, Earl J., assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery. 1,988,111; Jan. 15.
- Dupage, August. (See Duez, A., and Dupage.)
- Duplan Silk Corporation. (See Lewin, I., and Geler, assignors.)
- Du Plantier, Titan D., Brooklyn, assignor to Arthur Ladson, New York, N. Y. Filling and sealing a vessel. 2,022,656; Dec. 3.
- Duplicate Corporation. (See Dennison, Brook J., assignor.)
- Duplicate Corporation. (See Flx, E. L., and Dennison, assignors.)
- Duplicate Corporation. (See Flx, E. L., and Zola, assignors.)
- Duplicate Corporation. (See Lytle, William O., assignor.)
- Duplicate Corporation. (See Zola, John C., assignor.)
- Duplessis, René E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for performing operations upon shoe parts. 2,000,936; May 14.
- Duplex Envelope Company, The. (See Jones, Montgomery O., assignor.)
- Duplex Envelope Company, The. (See Keene, Walter C., assignor.)
- Duplex Printing Press Company. (See Dean, Edmund W., assignor.)
- Dupont, Andrew T., Washington, D. C. Drilling machine. 1,998,451; Apr. 23.
- Du Pont Cellophane Company. (See Brandenberger, Jacques E., assignor.)
- Du Pont Cellophane Company. (See Brandenberger, J. E., and Vanet, assignors.)
- Du Pont Cellophane Company. (See Charch, William H., assignor.)
- Du Pont Cellophane Company. (See Coleman, Clarence E., assignor.)
- Du Pont Cellophane Company. (See Coleman, C. E., and Molyneux, assignors.)

- Du Pont Cellophane Company. (See Eiseman, Henry J., assignor.)
- Du Pont Cellophane Company. (See Fletcher, George A., assignor.)
- Du Pont Cellophane Company. (See Herndon, Lee R., assignor.)
- Du Pont Cellophane Company. (See Hyden, William L., assignor.)
- Du Pont Cellophane Company. (See Leach, L. L., and Siemann, assignors.)
- Du Pont Cellophane Company. (See Rankin, Julius D., assignor.)
- Du Pont Cellophane Company. (See Valentine, Ralph E., assignor.)
- Du Pont Cellophane Company. (See Wendler, Adolph F., assignor.)
- Du Pont Cellophane Company. (See Wright, Henry H., assignor.)
- Du Pont Cellophane Company, Inc. (See Charch, W. J., and Synder, assignors.)
- Du Pont Cellophane Company, Inc. (See Hyden, W. L., Siemann, and Snyder.)
- Du Pont Cellophane Company, Inc. (See Salley, Leon F., assignor.)
- Du Pont Cellophane Company, Inc. (See Smith, John P., assignor.)
- Du Pont Cellophane Company, Inc. (See Synder, James E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Adamson, William A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Albrecht, Herbert O., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Allemann, Otto, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Almquist, John A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Alvarado, Alfonso M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Arnold, Her-
rick R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Arnold, H. R., and Lazier, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Arnold, H. R. and Williams, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Arvin, James A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Babbitt, H. K., and Lewis, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Barrett, Harold J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Beard, Earl E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Beard, E. E., and Lulek, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Berliner, Julius F. T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Berliner, J. F. T., and Plummer, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Bishop, O. M., and Wuertz, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Bolton, E. K., and Hayden, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Bond, Harlan A., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Bond, H. A., and Smith, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Brill, John L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Brown, Wal-
lace E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Brubaker, Merlin M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Brubaker, M. M., and Graves, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Brubaker, M. M., and Thomas, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Burdick, Charles L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Burke, George W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Burke, Joseph P., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Buxbaum, Edwin C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Bering, assignors.)
- Du Pont, E. I., de Nemours & Co. (See Calcott, W. S., Carleton, and Stryker, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Clark, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Daut, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Douglass, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., Douglass, and Walker, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., Downing, and Somers, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Holt, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Lee, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Pedersen, assignors.)
- Du Pont, E. I., de Nemours & Co. (See Calcott, W. S., Smith, and Barnhart, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Williams, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Callahan, Michael J., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Canon, Frank A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Canon, F. A., and Zimmerli, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Carleton, Paul W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Carleton, P. W., and Woodward, assignors.)
- Du Pont, E. I., de Nemours and Company. (See Carlisle, P. J., and Harris, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Carothers, Wallace H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Carothers, W. H., and Berchet, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Carothers, W. H., Berchet, and Jacobson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Carothers, W. H., and Hill, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Carothers, W. H., and Jacobson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Carpenter, Gilbert E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Carr, James I., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Carr, J. I., and Dahlen, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Carr, J. I., Dahlen, and Hitch, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Castner, James B., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Chapman, Fred F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Chilton, Thomas H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Clarkson, Richard G., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Clarkson, R. G., and Johnson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Clouzeau, Louis V., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Cochran, P. B., Hitt, and Taylor, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Collins, Arnold M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Cook, J. B., Jr., and Hutton, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Coolidge, C., and Holt, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Croasdale, E. T., and Morgan, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Dahlen, Miles A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., and Carr, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., and Cole, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., and Detrick, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., and Wirth, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Daudt, Her-
bert W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Daudt, H. W., and Parmelee, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Delnet, Joseph, assignor.)
- Du Pont, E. I., de Nemours & Company. (See de Ropp, H. W., and Hetherington, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Dettwyler, William, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Dietz, J. B., and Plummer, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Dorrough, George L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Douglass, W. A., and Jones, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Downing, F. B., and Bake, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Downing, F. B., and Clarkson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Downing, F. B., Clarkson, and Deese, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Downing, F. B., Clarkson and Reynolds, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Downing, F. B., Parmelee, Pedersen and Stecher, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Downing, F. B., and Pedersen, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Downing, F. B., and Walker, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Dykstra, Harry B., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Dykstra, H. B., and Lawson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Engelmann, Max, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Engelmann, M., and Flenner, assignors.)

- Du Pont, E. I., de Nemours & Company. (See Flint, Robert B., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Flint, R. B., and Salzberg, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Fox, Arthur L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Gilbert, H. N., and Reichert, assignors.)
- Du Pont, E. I., de Nemours & Company, The. (See Gilbert, Harvey N., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Goodrich, R. J., and Delnet, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Graham, Donald P., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Graves, George D., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Graves, G. D., and Lawson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Graves, George D. W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Gubelmann, I., Goodrich and Dettwyler, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Gubelmann, I., and Rinfelman, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Haag, Ivan L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hahn, Frederick C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Handforth, Stanley L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Handforth, S. L., and Kirst, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Hannum, Chester W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hansley, Virgil L., assignor.)
- Du Pont, E. I., de Nemours & Company, The. (See Harris, Charles R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Havas, Emeric, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hawkins, Alfred T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hawley, Charles W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hemming, Charles B., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hemming, C. B., and Pitman, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Prahl, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Hetherington, H. C., and de Ropp, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Hinegardner, Wilbie S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hitch, E. F., Dahlen, and Friedrich, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Hitt, Maurice V., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Holt, H. S., and Schwartz, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Holt, Harold S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Holt, L. C., and Daudt, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Hopkins, Horace H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Howell, Edward T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hubbuch, Leo P., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hunt, James K., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Iliff, J. W., and Robinson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Iliff, J. W., Robinson, and Whitescarver, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Izsak, A., and Funk, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Izard, Emmette F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Izard, E. F., and Salzberg, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Johnson, Edwin L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Johnson, Frank W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Jordan, H., and Black, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Jordan, H., and Dahlen, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Jordan, Henry, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kharasch, Morris S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kirst, William E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kirst, W. E., McCoy, and Woodbury, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Kirst, W. E., and Woodbury, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Koch, Arthur L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Krug, W. F., and McDermott, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lacy, B. S., and Bond, assignors.)
- Du Pont, E. I., de Nemours & Company. (See La Motte, A., Summer, and Ward, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Larson, Alfred T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Larson, A. T., and Vail, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Larson, Louis L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lawson, Walter E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lawson, W. E., and Salzberg, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lazier, Wilber A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lednum, Edmund T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lee, Henry R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lee, H. R., and Buxbaum, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lenher, Samuel, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lenher, S., and Mentzer, Jr., assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lewers, William W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lewis, Harold A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Loder, Donald J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lubs, Herbert A., assignor.)
- Du Pont, E. I., de Nemours & Co. (See Lubs, H. A., and Cole, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lubs, H. A., Cole, and Fox, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lubs, H. A., Fox, and Smith, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lubs, H. A., Hitch, and Dahlen, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lubs, H. A., and Strouse, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lubs, H. A., and Williams, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lulek, Ralph N., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lulek, R. N., and Perkins, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Macallum, Alexander D., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Magill, Paul La F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Magill, P. L., Dunning, and Ressler, assignors.)
- Du Pont, E. I., de Nemours & Company. (See McBerty, F. H., and Simon, assignors.)
- Du Pont, E. I., de Nemours & Company. (See McBurney, John D., assignor.)
- Du Pont, E. I., de Nemours & Company. (See McBurney, J. D., and Nollau, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Meuly, Walter C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Muckenfuss, Anthony M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Nenher, Samuel, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Northam, Alfred J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Peck, F. W., and Knowles, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Perkins, Melvin A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Pitman, Earle C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Plummer, H. L., and Stone, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Powers, Donald H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Franke, Edward J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Raney, Charles F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Reichert, Joseph S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Reid, Ebenezer E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Richardson, Roger W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Rigby, George W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Robinson, P., and Sorenson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Rodd, E. H., and Everatt, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Rodman, Ernest, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Rothrock, Henry S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Sachs, J. H., and Peck, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Salzberg, P. L., and Peterson, assignors.)

- Du Pont, E. I., de Nemours and Company. (See Scheller, Emil, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Schrauth, Walther, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Schulze, Ferdinand, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Schwartz, George L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Schwartz, G. L., and Young, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Scott, Norman, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Scott, Norman D., assignor.)
- Du Pont, E. I., de Nemours & Company, The. (See Scott, N. D., and Hansley, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Simon, Kenneth C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Sly, Caryl, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Smith, Francis H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Smith, F. H., and Black, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Smith, William A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Sobatzki, R. J., and Bishop, assignors.)
- Du Pont, E. I., de Nemours & Co. (See Sorenson, Ben E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Spaeth, Charles P., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Sparks, William J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Spiegler, Louis, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Spiegler, L., and Lee, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Stallmann, Otto, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Stott, P. H., and Beard, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Strouse, George C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Svano, Hans, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Taylor, Guy B., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Taylor, Hugh S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Thompson, Merville S., assignor.)
- Du Pont, E. I., de Nemours & Company, et al. (See Tilley, J. N., and Whitehead, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Tinker, J. M., and Spiegler, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Tinker, J. M., and Stewart, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Ubben, Richard T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Vail, Walter E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Vittengl, Morgan J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Waldron, William R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Walker, Joseph F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Weiland, Henry J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Weiland, H. J., and Buxbaum, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Weiland, H. J., and Prahl, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Weiland, H. J., and Weinmayr, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Weinmayr, V. M., and Tinker, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Weller, Sidney L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wertz, James H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Williams, Ira, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Williams, I., and Dales, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Williams, I., and Smith, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Wilson, Waldo C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wirth, Walter V., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Woodhouse, John C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wuertz, Alexander J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., and Bishop, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., and Dettwyler, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., Graham, and Perkins, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., and Whelen, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Young, James H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Zwilmeyer, Frithjof, assignor.)
- Du Pont, E. I., de Nemours & Company, Inc. (See Carlisle, Paul J., assignor.)
- Du Pont, E. I., de Nemours & Company, Inc. (See Dunning, Joseph W., assignor.)
- Du Pont, E. I., de Nemours & Company, Inc. (See Harding, E. A., and Ross, assignors.)
- Du Pont, E. I., de Nemours & Company, Inc., (See Harris, C. R., and Fahs, assignors.)
- Du Pont, E. I., de Nemours & Company, The, Incorporated. (See Hansley, Virgil L., assignor.)
- Du Pont Film Manufacturing Corporation. (See Conklin, Oliver E., assignor.)
- Du Pont, Francis I., Wilmington, Del., assignor to Mineralite Corporation, Philadelphia, Pa. Apparatus for continuously drying fiber boards. 2,010,917; Aug. 13.
- Dupont, Lucien. (See Darrasse, E., and Dupont.)
- Du Pont, Peyton, Incorporated. (See Gray, W. D., and Graham, assignors.)
- Du Pont Rayon Company. (See Altwegg, H., and Eichler, assignors.)
- Du Pont Rayon Company. (See Banigan, Thomas F., assignor.)
- Du Pont Rayon Company. (See Bidaud, Auguste F., assignor.)
- Du Pont Rayon Company. (See Bradshaw, William H., assignor.)
- Du Pont Rayon Company. (See Brainard, Seymour W., assignor.)
- Du Pont Rayon Company. (See Bruggeman, Jean, assignor.)
- Dupont Rayon Company. (See Ellsworth, Deane C., assignor.)
- Du Pont Rayon Company. (See Fiedler, Stuart O., assignor.)
- Du Pont Rayon Company. (See Freund, Henry H., assignor.)
- Du Pont Rayon Company. (See Gladding, E. K., and Evans, assignors.)
- Du Pont Rayon Company. (See Guenther, Arthur E., assignor.)
- Du Pont Rayon Company. (See Harrison, Paul E., assignor.)
- Du Pont Rayon Company. (See Harrison, P. E., and Hitt, assignors.)
- Du Pont Rayon Company. (See Hyden, W. L., and Fonda, assignors.)
- Du Pont Rayon Company. (See Kline, E., and Barlow, assignors.)
- Du Pont Rayon Company. (See Lardy, Guillaume, assignor.)
- Du Pont Rayon Company. (See MacArthur, Elvin D., assignor.)
- Du Pont Rayon Company. (See Maxwell, Robert W., assignor.)
- Du Pont Rayon Company. (See Mitchell, James W., assignor.)
- Du Pont Rayon Company. (See Quantin, Charles J., assignor.)
- Du Pont Viscoloid Company. (See Bailey, Albert T., assignor.)
- Dupont Viscoloid Company. (See Bren, Bozotech C., assignor.)
- Du Pont Viscoloid Company. (See Clewell, J. H., and Wemple, assignors.)
- Du Pont Viscoloid Company. (See Crane, P. W., and Fields, assignors.)
- Du Pont Viscoloid Company. (See Clark, Frank J., assignor.)
- Dupont Viscoloid Company. (See Eskew, Roderick K., assignor.)
- Dupont Viscoloid Company. (See Izard, Emmette F., assignor.)
- Dupont Viscoloid Company. (See Keeran, Charles R., assignor.)
- Du Pont Viscoloid Company. (See Kuettel, Glen M., assignor.)
- Dupont Viscoloid Company. (See Marks, Barnard M., assignor.)
- Du Pras, Louis, Marquette, Mich. Self-locking differential. 2,000,223; May 7.
- Dupree, Charles H., New York, and A. R. Cuthbertson, Yonkers, N. Y. Excavating apparatus. 2,013,750; Sept. 10.
- Dupret, A., Richmond, Calif. Vanity box. 1,992,523; Feb. 26.
- Du Puy, Richard R., St. Paul, Minn. Speaker cone. 2,010,352; Aug. 6.
- Dür, Ernst. (See Bots, H., and Dür.)
- Dura Company, The. (See Floraday, Burton S., assignor.)
- Dura Company. (See Miller, Dorr, assignor.)
- Durabilt Steel Locker Company. (See Kaser, Everett D., assignor.)
- Durable Mat Company (Canada) Limited. (See Barker, Charles F., assignor.)
- Durable Mat Company (Canada) Limited. (See Bianco, Annibale, assignor.)
- Durafer (Inc.). (See Sargent, William D., assignor.)
- Durafer (Inc.). (See Sargent, W. D., and Geisler, assignors.)
- Duraloy Company, The. (See Carpenter, Oliver K., assignor.)

- Duraloy Company, The. (See Menough, Paul S., assignor.)
- Durametallic Corporation. (See Braden, Tillman J., assignor.)
- Durand & Huguenin A.-G. (See Bauer, W., and Kramer, assignors.)
- Durand & Huguenin A.-G. (See Haller, Josef, assignor.)
- Durand & Huguenin A.-G. (See Röscher, G., Haller, and Helwert, assignors.)
- Durand & Huguenin A.-G. (See Zeh, L., Bauer and Bollweg, assignors.)
- Durand & Huguenin S. A. (See Brandt, Philippe, assignor.)
- "Durand & Huguenin S. A." (See Hug, E., and Müller, assignors.)
- Durand & Huguenin S. A. (See Ratti, Roger, assignor.)
- Durand, Maurice N., Ridley Park, Pa. Medicine dropper. 1,991,345; Feb. 12.
- Durand, Paul. (See Lechesne, Gabriel, assignor.)
- Durant, Henry T., Crawley, assignor to Bloomfield Engineering Company Limited, London, England. Filter press. 2,006,131; June 25.
- Durbin, Harvey R., New Rochelle, and E. Posselt, Pelham, assignors to International Cement Corporation, New York, N. Y. Manufacture of cement. 2,006,386; July 2.
- Durbin, Vernon, Newton, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Distribution panel. 2,025,233; Dec. 24.
- Durbin, Augustus C., Jr., Chicago, Ill. Steam heating system. 1,993,832; Mar. 12.
- Durbin, Augustus C., Jr., assignor to Chicago Pump Company, Chicago, Ill. Screen. 1,999,149; Apr. 23.
- Durbin, Augustus C., Jr., assignor to Chicago Pump Company, Chicago, Ill. Automatic control mechanism for electric motors. 2,000,899; May 14.
- Durbin, Augustus C., 3d, assignor to Chicago Pump Company, Chicago, Ill. Pump. 2,003,350; June 4.
- Durbin, Augustus C., Jr., assignor to Chicago Pump Company, Chicago, Ill. Apparatus for and method of sewage treatment. 2,024,986; Dec. 17.
- Durfey, Claude H., Mount Vernon, A. W. Naylor, Brooklyn, J. N. Bauer, Astoria, Long Island, and R. B. Stevens, New York, assignors to Mabrand Products, Inc., Long Island City, N. Y. Mattress and similar structure. 1,986,255; Jan. 1.
- Durgen, Leo, San Francisco, Calif. Filter. 1,991,847; Feb. 19.
- Durham, Albert L., Hull, Tex. Pitman. 1,992,743; Feb. 26.
- Durham, Hobart N., Munsey Park, N. Y., and G. B. Finnegan, Jr., Mountain Lakes, N. J., assignors, by mesne assignments, to Eugene, Ltd., New York, N. Y. Permanent waving. 2,014,246; Sept. 10.
- Durham, Hobart N., Munsey Park, Manhasset, assignor to Eugene, Ltd., New York, N. Y. Permanent waving. 2,021,294; Nov. 19.
- Durham, Hobart N., Munsey Park, assignor, by mesne assignments, to Eugene, Ltd., New York, N. Y. Permanent waving heater. 2,022,657; Dec. 3.
- Durham, Hobart N., Jackson Heights, N. Y., assignor to The Goss Printing Press Company, Chicago, Ill. Web renewing mechanism. 2,017,343; Oct. 15.
- Durham, Hobart N., Jackson Heights, N. Y., assignor to The Goss Printing Press Company, Chicago, Ill. Web renewing mechanism. 2,018,842; Oct. 29.
- Durham, Hobart N., Manhasset, N. Y., assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 2,022,635; Nov. 26.
- Durham, Isalab D., Columbia, S. C. Adjustable sterilizing case. 2,012,380; Aug. 27.
- Durham, Robert L., Buena Vista, Va. Resilient tire. 2,025,159; Dec. 24.
- Duriron Company, The. (See Jacobsen, Øystein, assignor.)
- Duritza, Stephen J., Struthers, Ohio, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Razor blade. 2,019,122; Oct. 29.
- Durkee Famous Foods, Inc. (See Joyce, Adrian D., assignor.)
- Durkee, Maurice M., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Process and apparatus for heating steam. 2,000,277; May 7.
- Durkin, John J. V. (See Weiser, John, assignor.)
- Dürkopp-Werke A.-G. (See Müller, Franz, assignor.)
- Dürkopp-Werke A.-G. (See Müller, Franz H., assignor.)
- Durnin, Ernest. (See Belanger, J., and Durnin.)
- Duro Company, The. (See Zimmermann, Arthur C., assignor.)
- Dur-O-Lite Pencil Company. (See Lynn, John P., assignor.)
- Durr, Emil, Chateau, Mont. Wire stretcher and splicer. 2,020,175; Nov. 5.
- Dürr, Hermann. (See Dieterle, W., and Dürr.)
- Dürr, Ludwig, Friedrichshafen, and W. Stegmaier, Enzswiller, assignors to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. End connection for wires, cables, and the like. 2,007,913; July 9.
- Durrett, Wallace D., and A. B. Stout, Kansas City, Mo. Burial tablet. 2,023,519; Dec. 10.
- Durst, John. (See Lewis, O. W., and Durst.)
- Durst, John J., San Antonio, Tex. Liquid cooled flexible brake band. 1,996,194; Apr. 2.
- Duryea, O. C., Corporation. (See Duryea, Otho C., assignor.)
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Hopper car. 2,010,391; Aug. 6.
- Duryee, Gerald F. (See Cavanagh, G. F., and Duryee.)
- Dusenbury, George W., et al. (See Schulte, Edmund, assignor.)
- Dusevoir Aviation Motors, Inc. (See Dusevoir, Julius, assignor.)
- Dusevoir, Julius, San Leandro, Calif., assignor to Dusevoir Aviation Motors, Inc. Crankshaft. 2,013,039; Sept. 3.
- Dushane, Charles B., Jr., Chicago, Ill. Time controlled device for gas appliances. 1,992,198; Feb. 26.
- Dusinberre, George M., Manila, P. I. Foldable table. 2,023,830; Dec. 10.
- Dussumier de Fonbrune, Pierre H., Boulogne-sur-Seine, France. Device for controlling from a distance the displacements of certain organs. 1,987,733; Jan. 15.
- Dussumier de Fonbrune, Pierre H., Boulogne-sur-Seine, France. Method and apparatus for working glass. 1,987,734; Jan. 15.
- Dustan, Frank, assignor to William A. Hardy & Sons Co., Fitchburg, Mass. Screen plate for paper making machines. 2,015,139; Sept. 24.
- Dustan, Frank, assignor to William A. Hardy & Sons Co., Fitchburg, Mass. Screen plate for paper making machines. 2,015,140; Sept. 24.
- Dustan, Frank, assignor to William A. Hardy & Sons Co., Fitchburg, Mass. Screen plate for paper making machines. 2,015,141; Sept. 24.
- Dustin, Fred G., Minneapolis, Minn. Puzzle. 1,993,211; Mar. 5.
- Dutcher, Leland F., Providence, R. I. Heating device regulator. 2,022,460; Nov. 26.
- Dutchess Tool Company. (See Hanna, D. J., and Van Houten, assignors.)
- Duthoit, William H., Winnipeg, and G. W. Wallace, Transcona, Manitoba, Canada. Air and mixture heater for gasifiers. 2,018,122; Oct. 22.
- Dutro, Claude O., and N. M. Jennings, Raytown, Maine. Valve seat grinder. 2,006,630; July 2.
- Dutterer, Rex J. L., assignor to Defiance Spark Plugs, Inc., Toledo, Ohio. Spark plug. 2,002,529; May 28.
- Dutterer, Rex J. L., assignor to Defiance Spark Plugs, Inc., Toledo, Ohio. Ignition distributor radio interference eliminator. 2,014,018; Sept. 10.
- Dutton, Gilbert F., South Kensington, London, assignor to Electric and Musical Industries Limited, Hayes, England. Diaphragm for acoustic devices. 1,990,066; Feb. 5.
- Dutton, Virt B., Tecumseh, Okla. One-man mill roll carrier. 2,019,256; Oct. 29.
- Duttweiler, Bruno, Vevey, Switzerland, assignor to Raw Products Limited, London, England. Apparatus for pasteurizing materials of a pasty consistency. 1,993,264; Mar. 5.
- Duval, Edward A., Easthampton, Mass. Battery clamp device. 2,004,653; June 11.
- Duval, Montague H., Great Neck, N. Y. Automatic carburetor control. 2,020,771; Nov. 12.
- Duvall, James, Camas, Wash., assignor to Crown Wilmamette Paper Company, San Francisco, Calif. Paddling strip for furniture and other articles. 1,989,794; Feb. 5.
- Duvall, Stanley A., Edinburg, Tex. Closure for containers. 2,023,919; Dec. 10.
- Duvall, Stanley A., assignor of one-half to L. V. Ruffin, Louisville, Ky. Automatic thermo mechanical kick-off or disconnecter. 2,020,110; Nov. 5.
- Du Vall, Theodore. (See Butler, N. C., and Du Vall.)
- Duvelsdorf, Diedrich, Elizabeth, N. J. Fan belt adjustment device. 2,012,225; Aug. 20.
- Duwe, Friedrich, Mainz-Kastel, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Nürnberg, Germany. Device for hauling up ships, etc. 1,994,696; Mar. 19.
- Dvornikoff, Michael N., assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacture of salol. 2,007,013; July 2.
- Dwight & Lloyd Sintering Company. (See Lloyd, Thorne E., assignor.)
- Dwork, Max, Brooklyn, N. Y. Jacking attachment. 2,003,502; June 4.
- Dwyer, Emmett W., Baraboo, Wis. Motor heater. 2,022,559; Nov. 26.
- Dwyer, Lawrence P., Winnetka, Ill., assignor to C. A. Dunham Company, Marshalltown, Iowa. Concealed radiator. 2,005,226; June 18.
- Dwyer, Thomas F., Jr. (See Brennan, W. P., and Dwyer.)
- Dwyer, William C., and L. E. Smith, Auburn, N. Y., assignors to International Harvester Company. Potato harvester. 2,015,549; Sept. 24.
- Dwyer, William M., assignor to W. H. Miner, Inc., Chicago, Ill. Draft and buffer gear. 2,007,368; July 9.
- Dyar, Ralph M., Beverly Hills, assignor to Rancho Cuyamaca, Los Angeles, Calif. Combined washstand and shower bath. 2,021,145; Nov. 19.
- Dyce, Elton J., assignor to Cornell University, Ithaca, N. Y. Honey process and product. 1,987,893; Jan. 15.
- Dyce, Walter L., Webster, S. Dak. Golf club. 2,001,342; May 14.
- Dyckerhoff, Eduard. (See Liehr, W., and Dyckerhoff.)
- Dye, Glen M. (See Houch, J. W., and Dye.)
- Dyer, Colver P., Winchester, assignor to Merrimac Chemical Co., Inc., Everett, Mass. Manufacture of paper embodying alkaline earth metal carbonate fillers. 1,993,235; Mar. 5.

- Dyer, John B., Pendleton, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Starting motor switch. 2,008,275; July 16.
- Dyer, John B., Pendleton, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Priming device. 2,012,757; Aug. 27.
- Dyer, John B., Pendleton, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Starting motor. 2,021,146; Nov. 19.
- Dyer, John B., Pendleton, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Control apparatus for internal combustion engines. 2,016,417; Oct. 8.
- Dyer, John W. (See Bradley, J. S., and Dyer.)
- Dyer, John W. (See Kay, D., and Dyer.)
- Dyer, Leonard H., New York, N. Y. Shackle. 2,010,853; Aug. 13.
- Dyer, Lloyd W., Swissvale, Pa., assignor to Westinghouse Electric and Manufacturing Company. Circuit breaker. 1,991,884; Feb. 19.
- Dyer, Lloyd W., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker apparatus. 2,025,653; Dec. 24.
- Dyer, Rex H., Independence, Mo. Apparatus for electrically welding seams. 1,999,805; Apr. 30.
- Dyer, Zeb A., Long Beach, Calif. Rotary drilling apparatus and method. 2,015,634; Sept. 24.
- Dyess, Earl J., Longview, Tex. Switch structure. 2,005,413; June 18.
- Dyert, Harold B., Roselle Park, N. J. Duplex envelope. 1,991,605; Feb. 19.
- Dykema, Tunis J., Pittsburgh, Pa. Fitment. 2,024,723; Dec. 17.
- Dykeman, Reuben G., assignor to United Aircraft Products, Incorporated, Dayton, Ohio. Fuel delivery unit. 2,018,639; Oct. 22.
- Dykstra, Harry B., Wilmington, Del., assignor, by mesne assignments, to The Grasselli Chemical Company, Cleveland, Ohio. Soldering flux. 1,990,273; Feb. 5.
- Dykstra, Harry B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative composition. 2,005,414; June 18.
- Dykstra, Harry B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resin. 2,006,043; June 25.
- Dykstra, Harry B., Wilmington, Del., and W. E. Lawson, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic compositions. 2,021,121; Nov. 12.
- Dylewski, Wladyslaw, Camden, N. J. Automatic ball cock valve. 2,002,086; May 21.
- Dym, Joseph B. (See Punton, C. W., and Dym.)
- Dymont Company, The. (See Mullen, James T., assignor.)
- Dymock, John B. (See Joshua, W. P., Stanley, and Dymock.)
- Dysart, Arthur S., U. S. Navy. Magnetic means and method for testing welded joints. 2,010,813; Aug. 13.
- Dysart, Birney, deceased, Cincinnati, Ohio; E. P. Dysart, West Hartford, Conn., executrix, assignor to Eva P. Dysart. Calculating machine. 2,014,560; Sept. 17.
- Dysart, Birney, deceased, West Hartford, Conn.; E. P. Dysart, executrix, assignor to Eva P. Dysart, West Hartford, Conn. Calculating machine. 2,014,561; Sept. 17.
- Dysart, Eva P., executrix. (See Dysart, Birney.)
- Dysart, William L., Louisville, Ky. Mail box signal. 1,986,922; Jan. 8.
- Dyson, Horace H. (See Lane, H., and Dyson.)
- Dyson, Louis M. (See Stone, E. B., and Dyson.)
- Dziarski, Bronislav, West Hazleton, Pa. Building block. 2,022,590; Nov. 26.
- Dziedziec, John, Nanticoke, Pa. Automobile signaling apparatus. 1,992,362; Feb. 26.
- Dziedziec, Nicholas J. (See McKee, H. H., and Dziedziec.)
- Dzus, William, West Islip, N. Y. Fastening device. 1,986,329; Jan. 1.
- E. A. Laboratories, Inc. (See Angstman, Roger W., assignor.)
- E. A. Laboratories, Inc. (See Carbonaro, Gaetano, assignor.)
- Eager, Wesley W., Los Angeles, and C. A. Tierney, San Marino, Calif. Door locking and operating device. 2,004,429; June 11.
- Eager, Wesley W., Los Angeles, and C. A. Tierney, San Marino, Calif. Counterweight system. 2,024,724; Dec. 17.
- Eagle, Charles J., assignor to Art-Craft Optical Co. Inc., Rochester, N. Y. Nose pad support for eyeglass and spectacle frames. 2,026,275; Dec. 31.
- Eagle Foundry Company. (See Fischer, Henry L., assignor.)
- Eagle Foundry Company. (See Klemme, Maurice G., assignor.)
- Eagle Manufacturing Company. (See Paull, Harry W., assignor.)
- Eagle Manufacturing Company. (See Paull, Samuel O., assignor.)
- Eagle Pencil Company. (See Chesler, Isidor, assignor.)
- Eagle Pencil Company. (See Hanle, Benjamin W., assignor.)
- Eagle Pencil Company. (See Hochman, Julius C., assignor.)
- Eagle Pencil Company Inc. (See Saulsbury, Lawrence W., assignor.)
- Eagle-Picher Lead Company, The. (See Gregory, F. E., and Hallows, assignors.)
- Eagle-Picher Lead Company, The. (See Gregory, F. E., McClaren, and Hamilton, assignors.)
- Eagles, Reginald H., Hastings-on-the-Hudson, N. Y., assignor, by mesne assignments, to J. M. Huber Corporation, Borger, Tex. Producing carbon black. 2,015,360; Sept. 24.
- Eales, Ben L. (See Wood, S. K., Eales, and De Witt.)
- Eames, George M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle-vibrating mechanism for sewing machines. 1,997,411; Apr. 9.
- Eames, George M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,005,673; June 18.
- Eames, George M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Motor-support and bobbin-winder of sewing machines. 2,018,624; Oct. 22.
- Eames, George M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,024,434; Dec. 17.
- Eames, George M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine throat-plate. 2,024,435; Dec. 17.
- Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 2,003,041; May 28.
- Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motor control system. 2,015,594; Sept. 24.
- Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator control system. 2,024,725; Dec. 17.
- Earl, Arthur J. (See Current, O. E., and Earl.)
- Earl, George G. (See Brown, Charles A., assignor.)
- Earl, Stuart R. (See Johns, A. W., Thrasher, Earl, and Pechacek.)
- Earle, Francis, Montclair, assignor to Metal & Thermit Corporation, Carteret, N. J. Welding metal parts. 2,002,222; May 21.
- Earle, Francis, Montclair, assignor to Metal & Thermit Corporation, Carteret, N. J. Welding rail joints. 2,002,223; May 21.
- Earle, Francis, assignor to The Mearl Corporation, Montclair, N. J. Screen for receiving projected images. 2,002,733; May 28.
- Earle, Ralph H., Wauwatosa, assignor to Line Material Company, South Milwaukee, Wis. Liquid fuse. 1,987,056; Jan. 8.
- Earle, Ralph H., Wauwatosa, assignor to Line Material Company, South Milwaukee, Wis. Liquid fuse. 1,987,057; Jan. 8.
- Earle, Ralph H., Wauwatosa, assignor to Line Material Company, South Milwaukee, Wis. Liquid fuse. 2,010,657; Aug. 6.
- Earle, Ralph H., Wauwatosa, and W. E. Mittelstadt, Kenosha, assignors to Line Material Company, South Milwaukee, Wis. Liquid fuse. 1,996,862; Apr. 9.
- Earle, Richard T. (See Evans, R. D., and Earle.)
- Early, Edwin L., assignor of one-half to N. W. Crouch, Kansas City, Kans. Telephone shelf. 2,001,324; May 14.
- Early, Gilbert G., Jr. (See Knowlton, D. E., and Early, Jr.)
- Early, James W., deceased, Los Angeles, Calif., assignor to J. W. G. Curtiss, I. M. Walcott and J. W. G. Curtiss, administrator of said J. W. Early. Sound and moving picture reproducing machine. 2,022,108; Nov. 26.
- Earnest, George J. (See Bolen, J. T., Earnest and Newnham.)
- Earnshaw, George F., assignor to Earnshaw Knitting Company, Newton, Mass. Undergarment. 2,016,286; Oct. 1.
- Earnshaw, Howard W., assignor to The Lilly-Ames Company, Columbus, Ohio. Scabbard. 1,991,273; Feb. 12.
- Earnshaw Knitting Company. (See Le Coney, Joseph H., assignor.)
- Earnshaw Knitting Company. (See Earnshaw, George F., assignor.)
- Earp, Ralph O., Tacoma, Wash. Paste tube outlet. 2,022,109; Nov. 26.
- Easley, John H., assignor of one-half to W. M. Moxley, Marceline, Mo. Multiple bulb electric lantern. 2,013,380; Sept. 3.
- Eason, Sidney L., Charleston, S. C. Roofing or surfacing material. 2,003,503; June 4.
- East, Mose D., Seattle, Wash. Gold recovery device. 2,007,158; July 9.
- Easter, George J. (See Benner, R. C., and Easter.)
- Easter, George J. (See Benner, R. C., Easter, and Boyer.)
- Easter, George J. (See Benner, R. C., Easter, and Hawke.)
- Easter, George J., assignor to The Carborundum Company, Niagara Falls, N. Y. Furnace refractory. 2,017,056; Oct. 15.
- Easter, George J., assignor to The Carborundum Company, Niagara Falls, N. Y. Core for and method of producing hollow refractories. 2,023,044; Dec. 3.
- Easterling, Ollie S., Ashland, Ore. Oiling system. 2,009,544; July 30.
- Eastern Machine Screw Corporation, The. (See Hoelzel, Otto, assignor.)

- Eastern Malleable Iron Company, The. (See Beecher, Eldridge M., assignor.)
- Eastern Market Cold Storage Company, The. (See McHenry, James, assignor.)
- Eastern Tool & Mfg. Co. (See Anderson, Carl E., assignor.)
- Eastern Tool & Stamping Co. Inc. (See Soderberg, Hilmer A., assignor.)
- Eastern Tube and Tool Co. Inc. (See Schneider, Edwin J., assignor.)
- Easthampton Rubber Thread Co. (See Shaw, Kenneth R., assignor.)
- Easthope, Ernest W., Everett, Wash. Hydroplane hull. 2,007,598; July 9.
- Eastman, Charles H., assignor to Eastman Heat Control Corporation, Boston, Mass. Automatic fluid control and vacuum device. 2,011,476; Aug. 13.
- Eastman, Du Bois, Beacon, assignor to The Texas Company, New York. N. Y. Manufacture of oilcines. 2,014,724; Sept. 17.
- Eastman, Fred C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting machine. 1,986,923; Jan. 8.
- Eastman, Fred C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cementing machine. 2,009,486; July 30.
- Eastman Heat Control Corporation. (See Eastman, Charles H., assignor.)
- Eastman, Ivan L., Toledo, assignor to The Arc Equipment Corporation, Bryan, Ohio. Grease gun head and nozzle construction. 2,019,955; Nov. 5.
- Eastman Kodak Company. (See Babcock, George S., assignor.)
- Eastman Kodak Company. (See Beach, Norman F., assignor.)
- Eastman Kodak Company. (See Beach, N. F., and McNally, assignors.)
- Eastman Kodak Company. (See Bedaux, Charles E., assignor.)
- Eastman Kodak Company. (See Blank, Maurice G., assignor.)
- Eastman Kodak Company. (See Boon, Joseph L., assignor.)
- Eastman Kodak Company. (See Brooker, Leslie G. S., assignor.)
- Eastman Kodak Company. (See Brooker, L. G. S., and White, assignors.)
- Eastman Kodak Company. (See Butler, Cyrus O., assignor.)
- Eastman Kodak Company. (See Capstaff, John G., assignor.)
- Eastman Kodak Company. (See Carroll, Stewart J., assignor.)
- Eastman Kodak Company. (See Carroll, S. J., and Smith, assignors.)
- Eastman Kodak Company. (See Carver, E. K., and Wynd, assignors.)
- Eastman Kodak Company. (See Case, C. Z., and Sanford, assignors.)
- Eastman Kodak Company. (See Christie, J., and Green, assignors.)
- Eastman Kodak Company. (See Clarke, H. T., and Malm, assignors.)
- Eastman Kodak Company. (See Crabtree, John I., assignor.)
- Eastman Kodak Company. (See Dickins, A. W. M., and Kocher, assignors.)
- Eastman Kodak Company. (See Figg, Louis J., Jr., assignor.)
- Eastman Kodak Company. (See Fordyce, Charles R., assignor.)
- Eastman Kodak Company. (See Fordyce, C. R., and Coleman, Jr., assignors.)
- Eastman Kodak Company. (See Fuerst, Carl C., assignor.)
- Eastman Kodak Company. (See Fuller, Albert B., assignor.)
- Eastman Kodak Company. (See Goodhand, Glenn, assignor.)
- Eastman Kodak Company. (See Green, Newton B., assignor.)
- Eastman Kodak Company. (See Gyatt, Cecil E., assignor.)
- Eastman Kodak Company. (See Hickman, Kenneth C. D., assignor.)
- Eastman Kodak Company. (See Hickman, K. C. D., and Weyerts, assignors.)
- Eastman Kodak Company. (See Hodgson, Millard B., assignor.)
- Eastman Kodak Company. (See Hopkins, Roy S., assignor.)
- Eastman Kodak Company. (See Hughey, Carter J., assignor.)
- Eastman Kodak Company. (See Hull, David C., assignor.)
- Eastman Kodak Company. (See Hultquist, B. A., and Bradford, assignors.)
- Eastman Kodak Company. (See Jones, J. G., and Dewey, assignors.)
- Eastman Kodak Company. (See Kenyon, W. O., and Van Dyke, assignors.)
- Eastman Kodak Company. (See Leavitt, Roger P., assignor.)
- Eastman Kodak Company. (See Luce, Richard W., assignor.)
- Eastman Kodak Company. (See Malm, Carl J., assignor.)
- Eastman Kodak Company. (See Malm, C. J., and Fletcher, assignors.)
- Eastman Kodak Company. (See Malm, C. J., and Fordyce, assignors.)
- Eastman Kodak Company. (See Malm, C. J., and Nadeau, assignors.)
- Eastman Kodak Company. (See Malm, C. J., Nadeau, and Diesel, assignors.)
- Eastman Kodak Company. (See Malm, C. J., and Waring, assignors.)
- Eastman Kodak Company. (See McDougal, Homer R., assignor.)
- Eastman Kodak Company. (See McMaster, Donald, assignor.)
- Eastman Kodak Company. (See McNally, J. G., and Schmitt, assignors.)
- Eastman Kodak Company. (See Mihalyi, Joseph, assignor.)
- Eastman Kodak Company. (See Miller, Oran E., assignor.)
- Eastman Kodak Company. (See Murray, Alexander, assignor.)
- Eastman Kodak Company. (See Murray, Thomas F., Jr., assignor.)
- Eastman Kodak Company. (See Murray, T. F., and Staud, assignors.)
- Eastman Kodak Company. (See Murray, T. F., Jr., and Staud, assignors.)
- Eastman Kodak Company. (See Northrop, D. E., and Burton, assignors.)
- Eastman Kodak Company. (See Northrup, D. E., and Crane, assignors.)
- Eastman Kodak Company. (See Nowack, Carl F., assignor.)
- Eastman Kodak Company. (See Othmer, Donald F., assignor.)
- Eastman Kodak Company. (See Parker, J. Henry S., assignor.)
- Eastman Kodak Company. (See Reid, Marvin J., assignor.)
- Eastman Kodak Company. (See Richardson, E. E., and Staud, assignors.)
- Eastman Kodak Company. (See Riddell, William A., assignor.)
- Eastman Kodak Company. (See Russell, Harold D., assignor.)
- Eastman Kodak Company. (See Sauer, Howard A., assignor.)
- Eastman Kodak Company. (See Scott, John W., assignor.)
- Eastman Kodak Company. (See Scott, Ronald S., assignor.)
- Eastman Kodak Company. (See Seel, Paul C., assignor.)
- Eastman Kodak Company. (See Sheppard, S. E., and Eberlin, assignors.)
- Eastman Kodak Company. (See Sheppard, S. E., and Hudson, assignors.)
- Eastman Kodak Company. (See Sheppard, S. E., and Vanselow, assignors.)
- Eastman Kodak Company. (See Slack, A. D., and Young, assignors.)
- Eastman Kodak Company. (See Smith, Henry B., assignor.)
- Eastman Kodak Company. (See Staud, C. J., and Coleman, assignors.)
- Eastman Kodak Company. (See Staud, C. J., and Fletcher, assignors.)
- Eastman Kodak Company. (See Staud, C. J., and Fuess, assignors.)
- Eastman Kodak Company. (See Staud, C. J., and Minsk, assignors.)
- Eastman Kodak Company. (See Staud, C. J., and Murray, assignors.)
- Eastman Kodak Company. (See Staud, C. J., and Van Dyke, assignors.)
- Eastman Kodak Company. (See Staud, C. J., and Yackel, assignors.)
- Eastman Kodak Company. (See Stoiber, Joseph, assignor.)
- Eastman Kodak Company. (See Stone, Herbert G., assignor.)
- Eastman Kodak Company. (See Taylor, Ernest R., assignor.)
- Eastman Kodak Company. (See Tuttle, Clifton M., assignor.)
- Eastman Kodak Company. (See Tuttle, C. M., and Young, assignors.)
- Eastman Kodak Company. (See Tuttle, Fordyce, assignor.)
- Eastman Kodak Company. (See Van Dyke, R. H., Webber, and Staud, assignors.)
- Eastman Kodak Company. (See Von Bramer, H., and Zabriskie, assignors.)
- Eastman Kodak Company. (See Webber, C. S., and Staud, assignors.)
- Eastman Kodak Company. (See Wellman, Howard C., assignor.)
- Eastman Kodak Company. (See Wellman, H. C., and Schubert, assignors.)
- Eastman Kodak Company. (See White, Frank L., assignor.)
- Eastman Kodak Company. (See Wittel, Otto, assignor.)
- Eastman Kodak Company. (See Wood, Donald L., assignor.)

- Eastman Kodak Company. (See Yackel, E. C., and Kenyon, assignors.)
- Eastman Machine Company. (See Clark, Frederick J., assignor.)
- Eastman, St. Clair, Chicago, Ill. Display device. 2,010,013; Aug. 6.
- Eastwood, David S., Los Angeles, Calif. Grinding machine. 2,002,224; May 21.
- Eastwood, Harold B., assignor to Hartford-Empire Company, Hartford, Conn. Glassware leer construction. 1,997,250; Apr. 9.
- Eastwood-Nealley Corporation. (See Kopriva, C. J., and Stecker, assignors.)
- Eastwood-Nealley Corporation. (See Specht, Harry G., assignor.)
- Easy Washing Machine Corporation. (See Geldhof, Peter E., assignor.)
- Easy Washing Machine Corporation. (See Hill, Hermann, assignor.)
- Easy Washing Machine Corporation. (See Nelson, Jabez C., assignor.)
- Easy Washing Machine Corporation. (See Papworth, Walter A., assignor.)
- Eaton, Charles F., West Newbury, assignor to North American Chemical Company, Cambridge, Mass. Magazine shoe filler unit. 2,000,321; May 7.
- Eaton, Charles F., West Newbury, assignor to Perfection Marker Company, Cambridge, Mass. Marking machine. 2,015,994; Oct. 1.
- Eaton Detroit Metal Company. (See Halkett, James N., assignor.)
- Eaton Detroit Metal Company. (See Nehls, Charles H., assignor.)
- Eaton-Erb Foundry Company. (See Dostal, Joseph L., assignor.)
- Eaton, George R., Oak Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Microphone. 2,014,427; Sept. 17.
- Eaton, George R., Oak Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Receiving system. 2,024,152; Dec. 17.
- Eaton, Glenn T. (See Coverdale, N. W., and Eaton.)
- Eaton, Horace M., Swampscott, assignor to Parco Specialty Co., Lynn, Mass. Air jet apparatus. 1,991,734; Feb. 19.
- Eaton, Horace M., Swampscott, assignor to Parco Specialty Co., Lynn, Mass. Air jet apparatus. 1,991,735; Feb. 19.
- Eaton Manufacturing Company. (See Dickieson, Edward F., Jr., assignor.)
- Eaton Manufacturing Company. (See Minbiole, Louis J., assignor.)
- Eaton Manufacturing Company. (See Veale, George W., assignor.)
- Eaton Manufacturing Company. (See White, Herbert E., assignor.)
- Eaton, Milton, Shawinigan Falls, Quebec, Canada. Regulating electric steam generators. 2,006,631; July 2.
- Eaton, Warren S., Los Angeles, Calif. Radio direction indicator. 2,019,403; Oct. 29.
- Eaton, Wilfred A. (See Johnson, S. Jr., and Eaton.)
- Eaton, Wilfred A., assignor to Bendix Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Fluid pressure braking system. 2,024,343; Dec. 17.
- Eaton, Wilfred A., and S. Vorech, assignors to Bendix Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Valve structure. 2,018,202; Oct. 22.
- Eaves, William C., and C. F. Dilks, Long Island City, assignors to Hooenraire Corporation, New York, N. Y. Pneumatic sound reproducer and projector. 2,003,880; June 4.
- Ebaugh, Irvin A. (See Hendrey, W. B., and Ebaugh.)
- Ebbets, George D. (See Kerr, H. J., Prentice, and Ebbets.)
- Ebbets, George D., Kenilworth, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Mercury boiler. 1,991,798; Feb. 19.
- Ebel, Frank J. (See Coleman, W. B., and Ebel.)
- Ebel, Friedrich. (See Hopff, H., Ebel, and Valko.)
- Ebenhack, Arthur, New York, N. Y. Portable structure. 2,015,176; Sept. 24.
- Ebenhack, John G., Wyoming, Ohio. Vulcanizing device. 2,024,279; Dec. 17.
- Eberhard, Ernst, Zurich, Switzerland. Clothes pounder. 2,025,654; Dec. 24.
- Eberhard, Harmon S., assignor to Caterpillar Tractor Co., San Leandro, Calif. Seal. 2,008,901; July 23.
- Eberhard, Harmon S., assignor to Caterpillar Tractor Co., San Leandro, Calif. Tractor. 2,015,886; Oct. 1.
- Eberhard, Harmon S., assignor to Caterpillar Tractor Co., San Leandro, Calif. Motor vehicle. 2,022,079; Nov. 26.
- Eberhard, Harmon S., Peoria, Ill., assignor to Caterpillar Tractor Co., San Francisco, Calif. Tractor. 2,022,080; Nov. 26.
- Eberhard, Harmon S., assignor to Caterpillar Tractor Co., San Leandro, Calif. Tractor. 2,022,651; Dec. 3.
- Eberhard, Heinrich, Berlin, Germany. Transmitter device. 1,993,436; Mar. 5.
- Eberhard, Robert G., New York, N. Y., assignor to Kanard Company, Inc. Combining apparatus. 1,998,661; Apr. 23.
- Eberhardt, Emanuel G. (See Bossart, O. A., and Eberhardt.)
- Eberhardt, Gustav A., Oak Park, Ill. Electric socket plug. 1,987,772; Jan. 15.
- Eberhardt, Otto, Karlsbad, Czechoslovakia, assignor to A. Riebeck'sche Montanwerke Aktiengesellschaft, Halle/Saale, Germany. Cleaning heating surfaces. 2,004,042; June 4.
- Eberhardt, Ulrich, Bernardsville, N. J. Bench. 1,986,563; Jan. 1.
- Eberlin, Leon W. (See Sheppard, S. E., and Eberlin.)
- Eberling, Charles M., and R. F. Mitten, Cleveland, Ohio. Apparatus for and method of filling cartons with fuel briquettes. 2,016,418; Oct. 8.
- Eberly, Isaac C., Reading, Pa. Knitting. 2,011,758; Aug. 20.
- Eberman, Ludwik, Lwow, Poland. Valve gear for internal combustion engines. 2,007,708; July 9.
- Ebert, Edward A. (See Gary, E. B., and Ebert.)
- Ebert, Fritz, Oberndorf-on-the-Neckar, Germany. Sack sewing machine. 2,023,316; Dec. 3.
- Ebert, Georg, F. A. Fries, and P. Garbsch, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Polymerization of diolefines. 2,008,491; July 16.
- Ebert, Heinrich, Frankfurt-on-the-Main, assignor to Vereinigte Deutsche Metallwerke Aktiengesellschaft, Einsal, near Altena, Germany. Adjusting gearing for variable pitch propellers. 1,999,091; Apr. 23.
- Ebert, Joseph, Westmont, N. J., assignor to The Farastan Company, Philadelphia, Pa. Antiseptic. 2,010,512; Aug. 6.
- Ebert, Joseph F., Hollis, assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Fire alarm box lock. 1,990,727; Feb. 12.
- Ebert, Laurence R., Vancouver, Wash. Carburetor. 2,020,141; Nov. 5.
- Ebert, Lyda G., Lakewood, Ohio, and M. K. Grable, Pitts-
burgh, Pa. Manipulator for scouring pads. 2,012,500; Aug. 27.
- Eberts, Edward C., Jeffersonville, Ind. Producing fruit juices, more particularly citrus fruits. 1,990,779; Feb. 12.
- Eberts, Edward C., and E. D. Greenwood, Ind. Fruit and vegetable washing machine. 2,024,314; Dec. 17.
- Eberts, Edward D. (See Eberts, Edward C., and E. D.)
- Ebinger, David H., Columbus, Ohio. Valve regulating means. 1,988,941; Jan. 22.
- Ebner, Henry M., Cameron, Wis. Folding berry box. 2,005,415; June 18.
- Ebner, Karl, Frankfurt-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Method and apparatus for vacuum distillation of liquids. 2,018,778; Oct. 29.
- Ebrite, Arthur P., assignor to one-half to E. C. Koegel, Chicago, Ill. Lighting fixture. 2,021,002; Nov. 12.
- Eby, Eugene D., Pittsfield, Mass., assignor to General Electric Company. Sheath insulator. 1,995,884; Mar. 26.
- Eby, Eugene D., Pittsfield, Mass., assignor to General Electric Company. Fluid-stop joint. 2,000,747; May 7.
- Eby, Eugene D., Pittsfield, Mass., assignor to General Electric Company. Terminal for electric conductors. 2,013,537; Sept. 3.
- Eby, Eugene D., Pittsfield, Mass., assignor to General Electric Company. Joint. 2,019,342; Oct. 29.
- Eby, Hugh H. (See Lodge, Edmund G., assignor.)
- Eccardt, Adolf, Brooklyn, N. Y. Salt water shower. 1,993,923; Mar. 12.
- Eches, Pierre G., Chatillon, and C. A. Moreau, Montrouge, assignors to Compagnie pour la Fabrication des Compters et Materiel d'Usines a Gaz, Montrouge, Seine, France. Fluid meter. 1,996,150; Apr. 2.
- Echlin, Earl C., assignor to J. E. Echlin, San Francisco, Calif. Securing members. 2,012,226; Aug. 20.
- Echlin, John E. (See Echlin, Earl C., assignor.)
- Echometer Gesellschaft mit beschränkter Haftung. (See Settegast, Bernhard, assignor.)
- Eck, Myron Y., Niagara Falls, N. Y. Electrolytic gas generator. 1,994,125; Mar. 12.
- Eckart, William R., San Marino, assignor to C. F. Braun & Co., Inc., Alhambra, Calif. Atmospheric water-cooling tower. 1,999,501; Apr. 30.
- Eckbo, Eivind J., Oslo, Norway. Safety razor with continuous blade. 2,012,868; Aug. 27.
- Eckel, Joseph C., Ingram, Pa. Making vitreous enamel coated sheets. 1,998,045; Apr. 16.
- Ecker, Edward H., New York, N. Y. Dental attachment for removable bridgework. 1,990,532; Feb. 12.
- Eckert, Clarence R., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Shingle of the wide-spaced type. 2,013,556; Sept. 3.
- Eckert, Fritz, Berlin, Germany, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for feeding, and forming glass. 2,026,225; Dec. 31.
- Eckert, Richard E. (See Naatz, W. F., Eckert, and Barnes.)
- Eckert, Wilhelm, H. Sieber, and H. Greune, Frankfurt-on-the-Main-Hochst, and G. Langheim, Hofheim-in-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Preparing 1,4,5,8-naphthalene-tetra-carboxylic acid and substitution product thereof. 2,011,805; Aug. 20.
- Eckert, Wilhelm, and O. Braunsdorf, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Arylamino substituted 1,4,5,8-naphthylene-di-(arylimidazole) condensation products. 2,026,026; Dec. 31.

- Eckert, Wilhelm, and W. Gmelin, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 4-amino-1,8-naphthalene-dicarboxylic acid imides and 4-alkylamino-1,8-naphthalene-dicarboxylic acid alkylamides and preparing them. 2,006,017; June 25.
- Eckert, Wilhelm, and W. Gmelin, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Anthracene derivative and preparing it. 2,011,806; Aug. 20.
- Eckert, Wilhelm, and W. Gmelin, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Separating mixtures of isomeric vat dyestuffs of the 1,4,5,8-naphthylene diarylimidazole series into their components and the dyestuffs obtained thereby. 2,011,807; Aug. 20.
- Eckert, William F., assignor to The Whitcomb Locomotive Company, Rochelle, Ill. Road finishing machine. 1,987,928; Jan. 15.
- Eckert & Ziegler G. m. b. H. (See Theuer, Hans, assignor.)
- Eckey, Eddy W., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Composition of fatty matter and stabilizing same. 1,993,152; Mar. 5.
- Eckhard, John, Cincinnati, Ohio. Clutch device for variable speed transmission mechanism. 2,004,750; June 11.
- Eckhard, William K., Dunellen, N. J., assignor to Irving Trust Company, permanent trustee of R. Hoe & Co., Inc., New York, N. Y. Sheet feeding mechanism for printing machines. 1,994,042; Mar. 12.
- Eckhard, William K., Dunellen, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, Permanent Trustee. Gripper mechanism. 2,002,853; May 28.
- Eckhard, William K., Dunellen, N. J., assignor to Irving Trust Company, permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Sheet registering mechanism for printing machines. 2,016,277; Oct. 8.
- Eckhart, Charles D., Chicago, assignor to D. Hole, Winnetka, Ill. Blow-out patch for pneumatic tires. 1,996,285; Apr. 2.
- Eckhaus, Benjamin S., Brooklyn, N. Y. Container. 2,016,488; Oct. 8.
- Eckhouse, Edgar A., Cleveland Heights, Ohio. Faucet valve means. 1,988,966; Jan. 22.
- Eckhouse, Edgar A., Cleveland Heights, Ohio. Shampoo fixture. 2,002,630; May 28.
- Eckler, Leopold. (See Gladhorn, W., and Eckler.)
- Eckler, Leopold, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Diaphragm for cameras. 2,015,261; Sept. 24.
- Eckroate, Otto F., Chippewa Township, Beaver County, assignor to The Babcock & Wilcox Tube Company, West Mayfield, Pa. Reaming apparatus. 2,014,679; Sept. 17.
- Ecksol Corporation of America. (See Beck, Leo L., assignor.)
- Ecksol Corporation of America. (See Eknayan, Hrant, assignor.)
- Eckstein, George R., assignor to Visco Meter Corporation, Buffalo, N. Y. Device for separating the foreign matter in the lubricant in a lubricating system. 2,006,587; July 2.
- Eckstein, Reuben, Bronx, and M. Polis, assignors to Deal Electric Co. Inc., Brooklyn, N. Y. Attachment plug. 2,015,421; Sept. 24.
- Eckweiler, Howard J. (See Sharp, C. H., and Eckweiler.)
- Eclipse Air Brush Company. (See Downs, Austin H., assignor.)
- Eclipse Aviation Corporation. (See Allen, Joseph W., assignor.)
- Eclipse Aviation Corporation. (See Beymer, Kenneth R., assignor.)
- Eclipse Aviation Corporation. (See Gregg, David, assignor.)
- Eclipse Aviation Corporation. (See Haas, Harold, assignor.)
- Eclipse Aviation Corporation. (See Havill, Clinton H., assignor.)
- Eclipse Aviation Corporation. (See Havill, C. H., and Mansson, assignors.)
- Eclipse Aviation Corporation. (See Havill, C. H., and Walton, assignors.)
- Eclipse Aviation Corporation. (See Hodges, Vera C., assignor.)
- Eclipse Aviation Corporation. (See Lansing, Raymond P., assignor.)
- Eclipse Aviation Corporation. (See Marcus, Charles, assignor.)
- Eclipse Aviation Corporation. (See McNeil, Charles I., assignor.)
- Eclipse Aviation Corporation. (See Mock, Frank C., assignor.)
- Eclipse Aviation Corporation. (See Nardone, Romeo M., assignor.)
- Eclipse Aviation Corporation. (See Nardone, R. M., and Linder, assignors.)
- Eclipse Aviation Corporation. (See Nette, Henry C., assignor.)
- Eclipse Aviation Corporation. (See Smith, Bascom, assignor.)
- Eclipse Aviation Corporation. (See Smith, Wesley L., assignor.)
- Eclipse Aviation Corporation. (See Straussler, Nicholas, assignor.)
- Eclipse Aviation Corporation. (See Thieme, George B., assignor.)
- Eclipse Aviation Corporation. (See Walton, Albert S., assignor.)
- Eclipse Aviation Corporation. (See Waseige, Charles R., assignor.)
- Eclipse Machine Company. (See Baldwin, Everett E., assignor.)
- Eclipse Machine Company. (See Christian, Frank T., assignor.)
- Eclipse Machine Company. (See Ferguson, Malcolm P., assignor.)
- Eclipse Machine Company. (See Lafitte, Théodore J.-B., assignor.)
- Eclipse Machine Company. (See Lansing, Raymond P., assignor.)
- Eclipse Machine Company. (See Maurer, Paul, assignor.)
- Eclipse Machine Company. (See Maurer, Paul H., assignor.)
- Eclipse Machine Company. (See McGrath, William L., assignor.)
- Eclipse Machine Company. (See Nardone, Romeo M., assignor.)
- Eclipse Machine Company. (See Sekella, Youston, assignor.)
- Eclipse Machine Company. (See Watson, Ernest A., assignor.)
- Eclipse Machine Company. (See Wertz, Daniel L., assignor.)
- Eclipse Machine Company. (See Wertz, D. L., and Christian, assignors.)
- Eclipse Machine Company. (See Whitney, Maurice P., assignor.)
- Ecoff, Francis A., St. Louis, Mo., assignor to American Car and Foundry Company, New York, N. Y. Hatch cover operating means. 2,003,927; June 4.
- Econo Products, Incorporated. (See Harbison, L., and Wilson, assignors.)
- Econolite Corporation. (See Pendleton, Edwin H., assignor.)
- Economic Machinery Company. (See Carlstein, Daniel, assignor.)
- Economic Machinery Company. (See Holm, Carl, assignor.)
- Economy Bias Binding Company. (See Ladin, Morris, assignor.)
- Economy Fuse and Manufacturing Company. (See Cherry, Oscar A., assignor.)
- Economy Fuse and Manufacturing Company. (See Dearing, Melville C., assignor.)
- Economy Fuse and Manufacturing Company. (See Gunthrop, Cecil H., assignor.)
- Economy Fuse and Manufacturing Company. (See Herbst, Clarence A., assignor.)
- Economy Products, Inc. (See Ward, George C., Jr., assignor.)
- Eddington Metal Specialty Co., et al. (See Czarnecki, Walter, and W. V., Jr.)
- Eddington Metal Specialty Co. (See Czarnecki, Walter V., Jr., assignor.)
- Eddins, Sextus A., Wollaston, assignor to Cordo-Hyde Company, Brockton, Mass. Shoe tree. 1,999,150; Apr. 23.
- Eddison, Clifford, East Orange, N. J., assignor to Radio Corporation of America. Coating iron with carbon. 2,016,139; Oct. 1.
- Eddy, Harold C., assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Method and apparatus for electrically treating emulsions. 2,001,776; May 21.
- Eddy, Muriel C., Sheboygan, Wis. Rear view mirror. 1,994,126; Mar. 12.
- Eddy Paper Corporation, The. (See Conway, J. H., and Hamlin, assignors.)
- Eddy, Wayne G. (See Atwater, G. B., and Eddy.)
- Edeleanu Gesellschaft m. b. H. (See Ramser, Hans, assignor.)
- Edelen, James L., assignor to Bendix Aviation Corporation, South Bend, Ind. Automobile control device. 2,009,131; July 23.
- Edelheit, Sol, New York, N. Y. Clasp for tie construction and the like. 1,993,734; Mar. 12.
- Edelman, Abraham. (See Stone, C. G., and Edelman.)
- Edelman, Abraham, New York, and C. G. Stone, Mount Vernon, N. Y. Speed-responsive device. 1,995,606; Mar. 26.
- Edelman, Philip E., assignor, by mesne assignments, to R. T. Mack, trustee, Chicago, Ill. Polarizing electrolyte. 1,990,274; Feb. 5.
- Edelman, Philip E., assignor, by mesne assignments, to R. T. Mack, trustee, Chicago, Ill. Talking motion picture screen. 1,997,815; Apr. 16.
- Edelman, Philip E., assignor, by mesne assignments, to Robert T. Mack, trustee, Chicago, Ill. Electrolytic apparatus. 1,999,408; Apr. 30.
- Edelman, Philip E., assignor to R. T. Mack, Chicago, Ill., trustee. Filming metal for condensers. 2,014,169; Sept. 10.
- Edelman, Philip E., assignor to R. T. Mack, Chicago, Ill., trustee. High voltage electrolytic couple. 2,024,210; Dec. 17.
- Edelman, William, Bronx, N. Y. Electric iron stand. 1,998,227; Apr. 16.
- Edelmann, E., & Co. (See Edelmann, Leo, assignor.)

- Edelmann, Leo, assignor to E. Edelmann & Co., Chicago, Ill. Thermometer housing for thermo-hydrometers and the like. 2,016,193; Oct. 1.
- Edelmann, Leo, assignor to E. Edelmann & Co., Chicago, Ill. Nozzle for syringe type hydrometers. 2,016,830; Oct. 8.
- Edelmann, Leo, assignor to E. Edelmann & Co., Chicago, Ill. Thermohydrometer. 2,018,441; Oct. 22.
- Eden, James A., Springfield, assignor to White & Wyckoff Mfg. Company, Holyoke, Mass. Bookbinding. 1,986,757; Jan. 1.
- Eden, James A., Jr., Springfield, assignor to General Container Corporation, Boston, Mass. Steel reinforced fiber container. 1,988,838; Jan. 22.
- Ederer, Lothar A., assignor to R. J. Ederer Company, Chicago, Ill. Loom control. 1,989,975; Feb. 5.
- Ederer, R. J., Company. (See Appleyard, Leslie L., assignor.)
- Ederer, R. J., Company. (See Ederer, Lothar A., assignor.)
- Edgar, George B., assignor to The Edgar Steel Seal & Manufacturing Co., Lawrence, Kans. Seal. 1,997,169; Apr. 9.
- Edgar, John, assignor to Barber-Colman Company, Rockford, Ill. Hob. 2,010,353; Aug. 6.
- Edgar, John, assignor to Barber-Colman Company, Rockford, Ill. Cutter. 2,015,068; Sept. 24.
- Edgar, Louis C., Swissvale, Pa. Hot-bed. 2,006,759; July 2.
- Edgar, Louis C., Swissvale, and E. E. Brosius, Pittsburgh, Pa.; said Edgar assignor to said Brosius. Handling furnace flue dust. 2,009,251; July 23.
- Edgar, Robert F., and C. Concordia Schenectady, N. Y., assignors to General Electric Company. Rail inspection apparatus. 1,998,952; Apr. 23.
- Edgar Steel Seal & Manufacturing Co., The. (See Edgar, George B., assignor.)
- Edge, Jacob, assignor to Downingtown Manufacturing Company, Downingtown, Pa. Cylinder machine. 2,005,839; June 25.
- Edgcombe, George E., Binghamton, N. Y. Highway guard rail. 2,007,185; July 9.
- Edgerton, Israel V., Winnetka, assignor to North American Car Corporation, Chicago, Ill. Egg crate tray. 2,023,783; Dec. 10.
- Edgewater Steel Company. (See Bell, Frank B., assignor.)
- Edgewater Steel Company. (See Wikander, Oscar R., assignor.)
- Edgren, Fred E., Chicago, Ill., and A. J. LaCroix, Southbridge, Mass., assignors to Hyde Manufacturing Company, Southbridge, Mass. Knife. 2,023,269; Dec. 3.
- Edinger, Carl, Racine, Wis. Headlight indicator. 1,990,116; Feb. 5.
- Edison General Electric Appliance Company. (See McCormick, Francis H., assignor.)
- Edison General Electric Appliance Company. (See Randolph, Charles P., assignor.)
- Edison General Electric Appliance Company. (See Randolph, C. P., and Eskin, assignors.)
- Edison General Electric Appliance Company. (See Shroyer, Jacob L., assignor.)
- Edison General Electric Appliance Company. (See Sutton, Robert J., assignor.)
- Edison General Electric Appliance Company. (See Sutton, R. J., and Fritze, assignors.)
- Edison-Splittorf Corporation. (See Brogger, Ivar W., assignor.)
- Edison-Splittorf Corporation. (See Dunham, L. S., and Robertson, assignors.)
- Edison, Theodore M., East Orange, N. J., assignor, by mesne assignments, to Fairfield Specialties Corporation, New York, N. Y. Separating apparatus and method. 2,009,609; July 30.
- Edison, Thomas A., Incorporated. (See Brown, Thomas C., assignor.)
- Edison, Thomas A., Incorporated. (See Dunning, Orville M., assignor.)
- Edison, Thomas A., Incorporated. (See Fox, Frederick L., assignor.)
- Edison, Thomas A., Incorporated. (See Gramann, Heinrich F. M., assignor.)
- Edison, Thomas A., Incorporated. (See Huenlich, Charles, assignor.)
- Edison, Thomas A., Incorporated. (See La Forest, Louis Z., assignor.)
- Edison, Thomas A., Incorporated. (See Langley, Sam G., assignor.)
- Edison, Thomas A., Incorporated. (See Quinn, J., and Martin, assignors.)
- Edison, Thomas A., Incorporated. (See Somers, Richard M., assignor.)
- Edison, Thomas A., Incorporated. (See Stanley, Harold D., assignor.)
- Edland, Laurence A., Glen Ridge, N. J., assignor to R. T. Vanderbilt Company, Incorporated, New York, N. Y. Manufacture of hard rubber. 1,997,547; Apr. 9.
- Eder, Arnold, Berlin-Siemensstadt, and W. Brockmann, Berlin-Charlottenburg, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge device protection. 2,015,551; Sept. 24.
- Eder, Eduard, assignor to the firm Schumann & Co., Leipzig, Germany. Pressure regulator. 1,987,505; Jan. 8.
- Edlich, William, Delawanna, N. J. Recovery control. 2,019,896; Nov. 5.
- Edlund, Henry J., Burlington, Vt. Knife sharpener. 1,990,117; Feb. 5.
- Edlund, Karl R. (See Evans, T., and Edlund.)
- Edlund, Karl R., and T. Evans, assignors to Shell Development Company, San Francisco, Calif. Production of esterified oilseeds. 2,006,734; July 2.
- Edlund, Sidney W., Brooklyn, N. Y. Electrical accessory apparatus. 2,009,374; July 23.
- Edmonds, George P., assignor to G & W Electric Specialty Co., Chicago, Ill. Electrical junction box and connection therefor. 2,021,912; Nov. 26.
- Edmunds, Glenn E. (See Floyd, W. B., and Edmunds.)
- Edna Brass Manufacturing Company, The. (See Corey, Elmer O., assignor.)
- Edouard Dubied & Cie. Société Anonyme. (See Korber, Johann, assignor.)
- Edsell, Royal D., Pelham Manor, N. Y. Motor for clothes washers. 2,013,301; Sept. 3.
- Edson, F. H., et al., receivers. (See Bosma, Alfred S., assignor.)
- Edson, Frank H., Westfield, N. J., assignor to Standard Oil Development Company. Recycling process for cracking oil. 2,002,530; May 28.
- Edström, Eric, Stockholm, Sweden, assignor to Inventia Patent-Verwertungs-Gesellschaft, Schaffhausen, Switzerland. Floor treating machine. 1,988,193; Jan. 15.
- Edbauer, Julia, et al. (See Edbauer, Petronella, assignor.)
- Edbauer, Petronella, assignor to R. and J. Edbauer, Chicago, Ill. Coffee filter. 1,991,198; Feb. 12.
- Edbauer, Rose, et al. (See Edbauer, Petronella, assignor.)
- Edwall, Axel L., Overbyn, Brunflo, Sweden. Band saw. 1,987,551; Jan. 8.
- Edwardes, John, assignor to Heveatex Corporation, Melrose, Mass. Manufacture of rubber goods from rubber latex. 1,993,212; Mar. 5.
- Edwardes, Vance P. (See Heritage, C. C., and Edwardes.)
- Edwards, Bert E., Reno, Nev. Observation device. 2,009,340; July 23.
- Edwards, Charles, Leighton, and P. F. Murray, Beaver Meadows, Pa. Jar holder and jar cap wrench. 1,994,415; Mar. 12.
- Edwards and Company. (See Edwards, Robert S., assignor.)
- Edwards and Company. (See Miller, Christian, assignor.)
- Edwards, Corman O., Oakland, Calif. Mandible developer. 1,990,225; Feb. 5.
- Edwards, Darrell B., et al. (See Anthony, Felix M., assignor.)
- Edwards, David F. (See Wise, C. R., and Edwards.)
- Edwards, David F., and J. V. Starr, Elizabeth, N. J., assignors to Standard Oil Development Company. Solvent extraction of petroleum distillates. 2,013,040; Sept. 3.
- Edwards, Donald V., New York, N. Y., and E. K. Smith, East Orange, N. J., assignors to Electronics, Inc., of Delaware. Control means for gas filled rectifiers. 1,986,627; Jan. 1.
- Edwards, Donald V., New York, N. Y., and E. K. Smith, East Orange, N. J., assignors to Electronics, Inc., of Delaware. High voltage rectifier. 1,989,132; Jan. 29.
- Edwards, Donald V., New York, N. Y., and E. K. Smith, East Orange, N. J., assignors to Electronics, Inc., of Delaware. Rectifier. 2,012,339; Aug. 27.
- Edwards, Donald V., Montclair, and E. K. Smith, East Orange, N. J., assignors to Electronics, Inc., of Delaware. Discharge tube. 1,987,998; Jan. 15.
- Edwards, Donald V., Montclair, N. J., assignor to Electronics, Inc., of Delaware. Control means for rectifier tubes. 2,021,482; Nov. 19.
- Edwards, Eldred E. (See MacGregor, J. R., and Edwards.)
- Edwards, Eldred E. (See Neely, G. L., and Edwards.)
- Edwards, Frank W., assignor to The Ohio Injector Company of Illinois, Chicago, Ill. Gauging tool. 2,018,777; Oct. 29.
- Edwards, Harry, assignor of one-fourth to C. E. Horning and one-fourth to B. Trowbridge, Wallace, Idaho. Electrical connector. 1,996,410; Apr. 2.
- Edwards, Harry D., et al. (See Churchill, Jesse B., assignor.)
- Edwards, Harry D., Larchmont, assignor to The Linde Air Products Company, New York, N. Y. System for producing refrigeration. 1,989,636; Jan. 29.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,986,564; Jan. 1.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engines. 1,998,662; Apr. 23.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,000,635; May 7.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,000,828; May 7.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Servo-mechanism. 2,005,971; June 25.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Balancing fixture. 2,014,838; Sept. 17.
- Edwards, Herbert C., Detroit, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,018,516; Oct. 22.

- Edwards, Herbert B., Brookline, Mass. Assembling machine. 2,006,071; June 25.
- Edwards, Herbert E., Brookline, Mass. Marking die. 2,024,916; Dec. 17.
- Edwards, Hurtle T. J., assignor to Dox Limited, Adelaide, South Australia, Australia. Artificial denture grinder. 1,986,628; Jan. 1.
- Edwards Iron Works, Incorporated. (See Edwards, John S., assignor.)
- Edwards, John G., Bradley, Ark. Defroster. 2,024,031; Dec. 10.
- Edwards, John S., assignor to Edwards Iron Works, Incorporated, South Bend, Ind. Drop wheel for semitrailers. 1,994,855; Mar. 19.
- Edwards, John S., assignor to Edwards Iron Works, Incorporated, South Bend, Ind. Semitrailer. 1,998,001; Apr. 16.
- Edwards, John S., assignor to Edwards Iron Works, Incorporated, South Bend, Ind. Drop wheel for semitrailers. 2,008,948; July 23.
- Edwards, Junius D., Oakmont, C. S. Taylor, New Kensington, and W. W. Wentz, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum reflector surface and producing the same. 1,999,042; Apr. 23.
- Edwards, Martin A., Schenectady, N. Y., assignor to General Electric Company. Control system. 1,985,981; Jan. 1.
- Edwards, Martin A., Schenectady, N. Y., assignor to General Electric Company. Control system. 1,985,982; Jan. 1.
- Edwards, McKinley C., Jackson Heights, N. Y., and J. V. Congdon, Medford, Mass., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Sulphurizing pine oil and product thereof. 2,012,446; Aug. 27.
- Edwards, Melvin W. (See Spuler, F. L., and Edwards.)
- Edwards, Oliver M., and R. T. Axe, assignors, by mesne assignments, to The Syracuse Trust Company, Syracuse, N. Y. Self contained window structure. 2,000,511; May 7.
- Edwards, Paul G. (See Almquist, M. L., Edwards, and Clutts.)
- Edwards, Paul G., Verona, N. J., assignor to American Telephone and Telegraph Company. Magnetic system. 1,995,449; Mar. 26.
- Edwards, Paul G., Millburn, and C. E. Clutts, Clifton, N. J., assignors to American Telephone and Telegraph Company. Test pick. 2,020,402; Nov. 12.
- Edwards Railway Motor Company, et al. (See Newlin, Mike H., assignor.)
- Edwards, Ralph W., Cincinnati, Ohio. Artificial bait. 1,997,900; Apr. 16.
- Edwards, Robert S., New Rochelle, N. Y., assignor to Edwards and Company, Inc. Indicator card for annunciators and the like. 2,010,775; Aug. 6.
- Edwards, Robert T., assignor to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, receiver. Stereotype casting mold. 2,009,439; July 30.
- Edwards, Samuel H. (See Rowe, E. A., Edwards, and Fossati.)
- Edwards, Thomas W. (See McPherson, Bruce, assignor.)
- Edwards, T. J., Inc. (See Simeone, Adolph, assignor.)
- Edwards, T. J., Inc. (See Sussman, Samuel, assignor.)
- Edwards, Walter, Kokomo, Ind. Sidewalk sign base. 2,013,041; Sept. 3.
- Edwards, William A. M. (See Baxter, J. P., Edwards, and Winter.)
- Edwards, William C., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Means to illuminate a controller. 1,997,457; Apr. 9.
- Edwards, William F. M., assignor to Filter Tips Limited, London, England. Manufacture of cigarettes. 2,014,680; Sept. 17.
- Edwards, William F. M., London, assignor to Filter Tips Limited, London, England. Manufacture of cigarettes. 2,022,461; Nov. 26.
- Edwards, William F. M., London, and R. F. May, Middlesex, assignors to Filter Tips Limited, London, England. Apparatus for the production of cigarettes. 2,002,886; May 28.
- Edwards, William H., Great Neck, and J. R. Grant, Brooklyn, N. Y., assignors to American Telephone and Telegraph Company. Ringer apparatus. 1,998,536; Apr. 23.
- Edwards, William H., Great Neck, N. Y., and J. R. Grant, Oscoda, Mich., assignors to American Telephone and Telegraph Company. Ringer apparatus. 1,998,537; Apr. 23.
- Edwards, William H., Great Neck, N. Y., and E. Dietze, Westfield, N. J., assignors to American Telephone and Telegraph Company. Means to reduce the effect of interfering currents on telephone circuits. 2,024,280; Dec. 17.
- Eek, Thorleif, Oslo, Norway, assignor to Kockums Mekaniska Verkstads Aktiebolag, Malmo, Sweden. Fuel injection means for compressorless internal combustion engines. 2,015,887; Oct. 1.
- Eells, Paul W., assignor to Le Roi Company, West Allis, Wis. Power control. 2,003,351; June 4.
- Een, Johannes B., Oslo, Norway. Armed wooden plate and armature bar for the same. 2,004,553; June 11.
- Efesen Inc. (See Feltault, Arthur J., assignor.)
- Effandt, Herbert W., assignor of fifteen per cent to G. H. Penland, and twenty-two and one-half per cent to F. M. Truett, Dallas, Tex. Catalogue binder and holder. 2,019,003; Oct. 29.
- Efty, Basil M., Grand Rapids, Mich. Individual candy wrapper. 1,997,816; Apr. 16.
- Egan, Charles H., Belmont, assignor to Dewey and Almy Chemical Company, Cambridge, Mass. Container closure. 2,013,177; Sept. 3.
- Egan, Frank L., Cincinnati, Ohio. Internal combustion engine. 2,010,296; Aug. 6.
- Egan, Raymond W., Cincinnati, Ohio. Multiple bladed bread slicing machine. 1,986,189; Jan. 1.
- Egar, Ernst, Grosse Pointe Park, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Interchangeable tire valve. 2,021,295; Nov. 19.
- Ezbert, Warren. (See Kerns, F. W., and Egbert.)
- Egen, Heinrich, assignor to Fried. Krupp Aktiengesellschaft, Essen, Germany. Draft gear for railway vehicles. 1,997,170; Apr. 9.
- Eger, Ernst, Grosse Pointe Park, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Tube inflating machine. 2,001,777; May 21.
- Eger, Ernst, Grosse Pointe Park, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Inner tube. 2,014,129; Sept. 10.
- EGGE, Walter S. (See Bonney, R. D., and Egge.)
- Eggebrecht, Oscar O., Wausau, assignor to Marathon Paper Mills Company, Rothschild, Wis. Quick opening carton. 1,993,153; Mar. 5.
- Eggemann, Charles S., et al. (See Swanson, Swan J., assignor.)
- EGGER, Walter F. (See Zorn, W. M., and Egger.)
- Egger, Walter F., Cleveland, Ohio, assignor, by mesne assignments, to Norton Company, Worcester, Mass. Machine for honing and polishing crank shafts. 1,993,543; Mar. 5.
- Eggers, Hans A., Van Wert, Ohio. Fiber barrel. 1,998,312; Apr. 16.
- Eggert, Erich. (See Meder, G., and Eggert.)
- Eggert, Erich. (See Meder, G., Eggert, and Grimm.)
- Eggert, Erich. (See Meder, G., Geissler, and Eggert.)
- Eggert, Felix, and E. Helff, Graz, Austria. Self-contained heating means for cans and the like. 2,020,292; Nov. 12.
- Eggert, Gustav B., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Lubricating system for dough dividers. 2,000,512; May 7.
- Eggert, Gustav B., deceased, by B. H. Liskow, administrator, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Oil winner. 2,000,513; May 7.
- Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen, Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Projection apparatus. 2,013,178; Sept. 3.
- Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen, Kreis Bitterfeld, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Photographic printing. 2,022,933; Dec. 3.
- Egger, Joseph. (See Jaeger, G., and Eggert.)
- Eggert, Joseph, assignor to The Jaeger Machine Company, Columbus, Ohio. Mixer. 1,987,894; Jan. 15.
- Eggert, Joseph, assignor to The Jaeger Machine Company, Columbus, Ohio. Truck concrete mixer. 1,994,577; Mar. 19.
- Eggert, William, Jr., Brooklyn, N. Y. Fertilizer and method of fertilizing. 2,017,090; Oct. 15.
- Eggleston, Lewis W., and E. J. Dillman, assignors to Detroit Lubricator Company, Detroit, Mich. Control device. 1,994,988; Mar. 19.
- Eggleston, Robert S., Watertown, N. Y., assignor to The New York Air Brake Company. Multichambered reservoir. 2,021,255; Nov. 19.
- Eggleston, Smith, St. Paul, assignor to Standard Conveyor Company, North St. Paul, Minn. Transfer device. 1,998,806; Apr. 23.
- Eggleston, William J., Walla Walla, Wash. Trolling spoon. 1,991,142; Feb. 12.
- Egloff, Gustav. (See Morrell, J. C., and Egloff.)
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,986,190; Jan. 1.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Polymerization of hydrocarbon gases. 1,988,112; Jan. 15.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,992,299; Feb. 26.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Cracking normally incondensable hydrocarbon gases. 1,993,503; Mar. 5.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oil. 2,009,108; July 23.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Treating cracked hydrocarbon vapors. 2,009,879; July 30.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of hydrocarbons. 2,010,948; Aug. 13.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of hydrocarbons. 2,010,949; Aug. 13.

- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Cracking oil. 2,022,803; Dec. 3.
- Egloff, Gustav, and J. C. Morrell, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,988,114; Jan. 15.
- Egloff, Gustav, and R. E. Schaad, assignors to Universal Oil Products Company, Chicago, Ill. Producing nitrogen bases for use as antiknock compound. 1,994,243; Mar. 12.
- Egloff, Gustav, and J. C. Morrell, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,997,861; Apr. 16.
- Egloff, Gustav, and J. C. Morrell, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,021,740; Nov. 19.
- Egloff, Hans C., assignor to the firm Sulzer Frères Société Anonyme, Winterthur, Switzerland. High pressure water tube steam generator. 2,023,012; Dec. 3.
- Egloff, Leopold C. and W. L., Seattle, Wash. Building construction. 2,014,315; Sept. 10.
- Egloff, Walter L. (See Egloff, Leopold C. and W. L.)
- Egry Register Company, The. (See Jackson, William A., assignor.)
- Egry Register Company, The. (See Pfeiffer, Frank E., assignor.)
- Egry Register Company, The. (See Pfeiffer, William C., assignor.)
- Egtvedt, Claire L., assignor to Boeing Airplane Company, Seattle, Wash. Fire preventing and extinguishing system for aircraft. 2,015,995; Oct. 1.
- Egged, Ladislaus, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Detector circuit. 2,022,412; Nov. 26.
- Egyesült Izzólámpa és Villanossági Reszvénytársaság. (See deNeumann, Mihály, assignor.)
- Egyesült Izzólámpa és Villanossági részvénytársaság. (See Theisz, Emil, assignor.)
- Ehle, Harry B., Wayzata, and A. S. T. Lagerd, Minneapolis, Minn.; said Lagerd assignor to said Ehle. Fastener for wall board. 1,995,173; Mar. 19.
- Ehlers, Carl H., Penfield, assignor to The Atlantic Refining Company, Philadelphia, Pa. Vent. 2,016,278; Oct. 8.
- Ehlers, Walther, Hanover, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Production of finely divided magnetic bodies. 1,991,143; Feb. 12.
- Ehlig, Harry, Pearl River, assignor to Dexter Folder Company, New York, N. Y. Sheet feeder. 2,005,079; June 18.
- Ehlig, Harry, Pearl River, assignor to Dexter Folder Company, New York, N. Y. Sheet feeder. 2,010,586; Aug. 6.
- Ehrenfeld, Ralph, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dual-voltage explosionproof motor. 2,024,726; Dec. 17.
- Ehrenreich, A., & Cie. (See Faudi, Fritz, assignor.)
- Ehrenzweig, Alfred, Würenlos/Aargau, Switzerland. Enamel lacquered wire and lacquer for making same. 2,011,213; Aug. 13.
- Ehret, Clement, White Plains, N. Y. Stove. 2,001,713; May 21.
- Ehret, Clement, White Plains, N. Y. Rotatable top stove. 2,001,714; May 21.
- Ehret, Henrietta, St. Louis, Mo. Tobacco can. 2,006,588; July 2.
- Ehrets, Joseph, Copley, Pa. Automatic light signal. 2,019,956; Nov. 5.
- Ehrgott, Karl, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric cooking appliance. 1,994,909; Mar. 19.
- Ehrhardt, Edward T., assignor of one-half to G. G. Roberts Corporation, Whitman, Mass. Electroplating machine. 1,997,458; Apr. 9.
- Ehrhardt, Ido, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Apparatus for carrying out electrometric analysis. 2,024,819; Dec. 17.
- Ehrhart, Gustav. (See Böckmühl, M., and Ehrhart.)
- Ehrhart, Gustav. (See Böckmühl, M., Krohs and Ehrhart.)
- Ehrhart, Josef, Heidenheim-on-the-Brenz, Germany, assignor to Voith-Schneider Propeller Company, New York, N. Y. Device for the control of motion of movable blades on blade wheels. 2,015,514; Sept. 24.
- Ehrick, William F., and R. A. Garverick, assignors to The Marion Steel Body Company, Marion, Ohio. Refuse-collection device. 2,002,993; May 28.
- Ehrke, Louis F., Newark, N. J., assignor to Westinghouse Lamp Company, X-ray tube and cathode structure therefor. 1,986,466; Jan. 1.
- Ehrke, Louis F., Newark, N. J., assignor to Westinghouse Lamp Company, Clad metal and producing the same. 2,003,481; June 4.
- Ehrke, Louis F., Newark, N. J., assignor to Westinghouse Lamp Company, Line focus cathode structure. 2,019,600; Nov. 5.
- Ehrlich, Charles, Jamaica, assignor to J. Ehrlich, Brooklyn, N. Y. Toothbrush holder. 1,995,972; Mar. 26.
- Ehrlich, Jacob. (See Almen, J. O., Ehrlich, and Gove.)
- Ehrlich, Jacob, Detroit, and J. O. Almen, Royal Oak, assignors to General Motors Corporation, Detroit, Mich. Toroidal race and roller transmission mechanism. 2,014,928; Sept. 17.
- Ehrlich, Joseph. (See Ehrlich, Charles, assignor.)
- Ehrlich, Louis B., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Dynamo-electric machine frame. 2,008,493; July 16.
- Ehrlich, Louis B., Toledo, and W. G. Schneider, Maumee, assignors to The Electric Auto-Lite Company, Toledo, Ohio. Engine ignition timer. 2,008,492; July 16.
- Ehrling, Gunnar E. (See Shoemaker, F. G., and Ehrling.)
- Ehrling, Gunnar E., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Engine cylinder block. 1,996,798; Apr. 9.
- Ehrmann, Eugene, assignor to Wisconsin Shoe Company, Milwaukee, Wis. Shoe cleat. 1,989,475; Jan. 29.
- Eiber, Harry E., Cleveland, assignor to The Austin Company, East Cleveland, Ohio. Building construction. 2,009,880; July 30.
- Eibert, Fritz, Munich, Germany. Adjustable type guide for typewriters. 1,995,843; Mar. 26.
- Eichacker, Homer A., assignor to Vonnegut Hardware Company, Indianapolis, Ind. Double door coordinator. 2,015,996; Oct. 1.
- Eiche, Harold D., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,989,653; Jan. 29.
- Eichelman, William H. (See Hall, E. E., and Eichelman.)
- Eichenauer, Conrad, Leuna, near Merseburg Saale, Germany, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record comparing and posting machine. 2,016,709; Oct. 8.
- Eichenauer, Emil, Tonishelde, Germany. Shoe for horses and like animals. 1,995,844; Mar. 26.
- Eichenberg, William J., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Timing mechanism. 1,990,452; Feb. 5.
- Eichengrün, Arthur, Charlottenburg, Germany, assignor to Celanese Corporation of America. Preparing polished top surfaces on wood. 1,994,697; Mar. 19.
- Eichhammer, Peter N., St. Louis, Mo. Sweeping-machine. 2,006,632; July 2.
- Eichhoff, George W. (See Eickmeyer, E. E., and Eichhoff.)
- Eichholz, Willy. (See Neresheimer, H., Eichholz, and Boehner.)
- Eichhorn, August G., St. Louis, Mo., assignor, by mesne assignments, to Perma Corporation, Chicago, Ill. Shoe construction. 2,023,671; Dec. 10.
- Eichler, Armin. (See Altwegg, H., and Eichler.)
- Eichmann, Theophil. (See Rufener, H., and Eichmann.)
- Eichner, Edward R., Montclair, N. J., assignor to Socony Vacuum Oil Company, Incorporated, New York, N. Y. Tool rack. 2,016,421; Oct. 8.
- Eichstädt, Karl, Berlin-Charlottenburg, Germany, assignor to Oxford Varnish Corporation, Detroit, Mich. Decorating articles. 2,015,664; Oct. 1.
- Eichstädt, Karl, Berlin, Germany, assignor to Oxford Varnish Corporation, Detroit, Mich. Patterning artificial leather or oil cloth and similar band-forming fibrous material. 2,017,853; Oct. 22.
- Eichwede, Heinz, Frankfurt-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Colored rubber products and preparing it. 2,002,174; May 21.
- Eicke, Ferdinand, Bronx, assignor to Ship Control Corporation, New York, N. Y. Distance finding system. 1,999,232; Apr. 30.
- Eickenberg, George W. (See Obergfell, H. F., and Eickenberg.)
- Eickhoff, Theodore H. (See Jeffrey, M. L., Eickhoff, and Sanborn.)
- Eickhoff, Theodore H. (See Zorn, W. M., and Eickhoff.)
- Eickmeyer, Earl E., assignor to The Dayton Pump & Manufacturing Co., Dayton, Ohio. Refrigerator. 2,024,436; Dec. 17.
- Eickmeyer, Earl E., and G. W. Eichhoff, assignors to The Dayton Pump & Mfg. Company, Dayton, Ohio. Dispensing apparatus. 1,998,311; Apr. 16.
- Eide, Alwin C., Columbus, Ohio, assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Making pigments. 1,997,925; Apr. 16.
- Eide, Alwin C., and J. H. Calbeck, Columbus, Ohio, assignors to American Zinc, Lead & Smelting Company, St. Louis, Mo. Making pigmented paper. 2,006,016; June 25.
- Eidinger, Robert. (See Schroeder, Bernard A., assignor.)
- Eigholz, Grace M., executrix. (See Eigholz, Paul H.)
- Eigholz, Paul H., deceased, by G. M. Eigholz, executrix, assignor of one-half to C. B. Abbott, San Francisco, Calif. Sprinkler. 1,987,999; Jan. 15.
- Eiler, Anthony J., Hill City, Minn. Automatic cigarette dispenser and lighter. 1,993,504; Mar. 5.
- Einfalt, Georg, Nuremberg, Germany. Toy railway. 1,997,512; Apr. 9.
- Einhorn, Charles I. (See Einhorn, Nathan and C. I.)
- Einhorn, Nathan, Philadelphia, Pa. Guiding action for various valves and slides for musical, brass, and other instruments. 2,003,995; June 4.
- Einhorn, Nathan and C. I., Philadelphia, Pa. Drain pipe clearer. 1,990,686; Feb. 12.
- Einsle, Robert, Pforzheim, Germany, assignor to Gemex Company, Newark, N. J. Band element for ornamental and useful purposes. 2,002,233; May 21.
- Finson-Freeman Co. (See Einson, Morris M., assignor.)
- Finson-Freeman Co. (See Hallparr, Albert, assignor.)
- Finson-Freeman Co. (See Leigh, Nathan J., assignor.)
- Finson-Freeman Co., Inc. (See Flishker, H. E., and Einson, assignors.)

- Einson, Morris M. (See Plishker, H. E., and Einson.)
 Einson, Morris M., Yonkers, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Display container or receptacle. 2,002,493; May 28.
 Einson, Morris M., Yonkers, N. Y., assignor to Einson-Freeman Co., Inc. Mask. 2,021,593; Nov. 19.
 Einson, Morris M., Yonkers, N. Y., and A. J. Tanner, North Haven, Conn. Packing and display container. 2,021,003; Nov. 12.
 Einstein, Sol. (See Booth, C., and Einstein.)
 Einstein, Sol. (See Neninger, L. F., and Einstein.)
 Einstein, Sol. and C. Booth, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,991,799; Feb. 19.
 Eirich, Joseph. (See Eirich, Ludwig and J.)
 Eirich, Ludwig and J., Hardheim, Germany. Feeding device for chaff cutting machines and the like. 1,986,717; Jan. 1.
 Eirich, Ludwig and J., Hardheim, Baden, Germany. Closure for discharge openings. 2,014,041; Sept. 10.
 Eis, Harry W., Holgate, Ohio. Line drive and clutch control for tractors. 1,995,094; Mar. 19.
 Eisele, Charles W., assignor to Chrysler Corporation, Detroit, Mich. Forming rear axle housings. 1,991,199; Feb. 12.
 Eisele, Logan, Nashville, Tenn. Hypodermic syringe plunger retarding means. 2,014,493; Sept. 17.
 Eisele, Logan, Nashville, Tenn. Detachable locking means for hypodermic syringe needles. 2,020,111; Nov. 5.
 Eiseman, Henry J., Woodhaven, assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Package. 1,990,533; Feb. 12.
 Eiseman, Maurice, Washington, D. C. Newspaper. 2,011,572; Aug. 20.
 Eisemann, Anna, executrix. (See Luhr, Otto.)
 Eisemann, Ernest, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Film feeding mechanism for cinematograph apparatus. 2,006,297; June 25.
 Eisemann, Gottlob, and J. Ellert, Maple Heights, Ohio. Dispensing device. 1,990,226; Feb. 5.
 Eisenbart, Charles F., New Haven, Conn. Lock for elevator doors and the like. 2,008,665; July 23.
 Eisenberg, Milton M. (See Wilm, Walter F., assignor.)
 Eisenberg, William, Minneapolis, Minn. Cigarette holder. 2,002,494; May 28.
 Eisenberg, William, Minneapolis, Minn. Vending device for matches and other articles. 2,026,378; Dec. 31.
 Eisenfuchs G. m. b. H. (See Dieterle, Philipp, assignor.)
 Eisenbauer, Warren F., assignor to Anderson Manufacturing Company, Cambridge, Mass. Tool for reservicing springs equipped with spring covers. 2,003,708; June 4.
 Eisenbauer, Warren F., Cambridge, and W. T. Ferguson, Waban, assignors to Anderson Manufacturing Company, Cambridge, Mass. Tool for reservicing springs equipped with spring covers. 2,003,709; June 4.
 Eisenhut, August. (See Pier, M., and Eisenhut.)
 Eisenhut, Hugo. (See Mechau, R., Eisenhut, and Reinsch.)
 Eisenhut, Otto, Heidelberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of gaseous mixtures containing hydrogen. 2,000,224; May 7.
 Eisenhut, Otto, Heidelberg, H. Schilling and P. Baumann, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of acetylene and carbon black. 2,002,003; May 21.
 Eisenlohr, Carl, Newark, N. J., and J. Hren, deceased. Kingston, N. Y., by Barbara Hren, executrix, Newark, N. J. Machine for making paper box blanks. 2,022,371; Nov. 26.
 Eisenman, Arthur A., Manitowoc, Wis. Quick detachable hose coupling. 2,024,682; Dec. 17.
 Eisenman, Louis, Brooklyn, N. Y. Window lock. 1,998,124; Apr. 16.
 Eisenmann, Karl, Ludwigshafen-on-the-Rhine, E. Scholz, Leipzig, and K. Wolf, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Unyte Corporation, New York, N. Y. Abrasive. 1,996,911; Apr. 9.
 Eiser, Florence C. (See Moore, E. H., and Eiser.)
 Eisgruber, Georg, Nuremberg, Germany. Closed removable needle bearing. 2,001,675; May 14.
 Eisinga, Dirk, Los Angeles, Calif. Water heater. 2,024,437; Dec. 17.
 Eisinger, John O. and E. R. Barnard, Whiting, Ind., assignors to Standard Oil Company, Chicago, Ill. Water cooling system for internal combustion engines. 2,023,920; Dec. 10.
 Eisler, Charles, assignor to Eisler Engineering Company, Newark, N. J. Welding machine. 2,006,544; July 2.
 Eisler Electric Corporation. (See Laise, Clemens A., assignor.)
 Eisler Electric Corporation. (See Morick, J. A., and Swanson, assignors.)
 Eisler Engineering Company. (See Eisler, Charles, assignor.)
 Eisler, Henry, New York, N. Y., assignor to Delamere Company, Inc. Hair bandeau. 2,011,194; Aug. 13.
 Elsing, Gustav, Secaucus, N. J. Carburetor. 2,016,771; Oct. 8.
 Elstert, Bernhard. (See Krzikalla, H., Elstert, Schmitt, and Kracker.)
 Eitel, William W., San Bruno, assignor to Heintz & Kaufman Ltd., San Francisco, Calif. Oscillation system. 1,994,760; Mar. 19.
 Eitel, William W., San Bruno, assignor to Heintz & Kaufman Ltd., San Francisco, Calif. Metal-to-glass seal. 2,010,145; Aug. 6.
 Eitel, William W., Lomita Park, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Processing thermionic tubes. 1,996,506; Apr. 2.
 Eitel, William W., Lomita Park, assignor to Heintz & Kaufman Ltd., San Francisco, Calif. Amplifier. 1,996,507; Apr. 2.
 Eitel, William W., and J. McCullough, San Bruno, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Vapor filled thermionic tube. 1,987,328; Jan. 8.
 Eitel, William W., Lomita Park, and F. J. Schack, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Anode structure. 1,990,728; Feb. 12.
 Eitel, William W., and J. McCullough, San Bruno, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Making thermionic tube grids. 1,991,606; Feb. 19.
 Eitel, William W., San Bruno, and J. McCullough, Palo Alto, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Oxide-coated cathode. 1,999,806; Apr. 30.
 Eitel, William W., and J. McCullough, San Bruno, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Thermionic tube stem machine. 2,000,560; May 7.
 Eitel, William W., and J. McCullough, San Bruno, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Spot welding refractory metals. 2,005,256; June 18.
 Eitel, William W., and J. McCullough, San Bruno, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Vacuum tube grid. 2,005,257; June 18.
 Eitel, William W., and J. McCullough, San Bruno, Calif., assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Electrode support. 2,012,038; Aug. 20.
 Eitel, William W., and J. McCullough, San Bruno, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Induction heating of enclosed elements. 2,012,039; Aug. 20.
 Eitel, William W., and Jack McCullough, San Bruno, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Terminal. 2,018,203; Oct. 22.
 Eitzen, August D. (See Stenz, B. F., and Eitzen.)
 Eitzen, August D., Rockville Center, assignor to News Projection Corporation, New York, N. Y. Stock quotation multiple projecting machine. 1,989,088; Jan. 29.
 Eitzen, August D., Rockville Center, assignor to News Projection Corporation, New York, N. Y. Multiple projection apparatus. 1,990,477; Feb. 12.
 Eitzen, August D., Rockville Center, assignor to News Projection Corporation, New York, N. Y. Multiple stock quotation projection machine. 1,996,756; Apr. 9.
 Eitzen, August D., Rockville Center, assignor to News Projection Corporation, New York, N. Y. Quotation projecting apparatus. 1,996,758; Apr. 9.
 Eitzen, August D., Rockville Center, assignor to News Projection Corporation, New York, N. Y. Ticker tape projecting device. 1,999,183; Apr. 30.
 Eitzen, August D., Rockville Center, N. Y., assignor to News Projection Corporation, New York, N. Y. Stock quotation projecting machine. 2,004,103; June 11.
 Eitzen, August D., Rockville Center, N. Y., assignor to Simplex Pattern Projection Corporation, New York, N. Y. Display device. 2,015,665; Oct. 1.
 Eitzen, August D., Rockville Center, assignor to News Projection Corporation, New York, N. Y. Stock quotation projecting machine. 2,017,854; Oct. 22.
 Eitzen, August D., Rockville Center, assignor to News Projection Corporation, New York, N. Y. Stock quotation projecting machine. 2,022,658; Dec. 3.
 Eitzen, August D., Rockville Center, assignor to News Projection Corporation, New York, N. Y. Combination projector and electric typewriter. 2,024,211; Dec. 17.
 Ejde, Anders, Poulso, Wash. Device for forming amalgam fillings. 2,017,955; Oct. 22.
 Ekander, Gustaf A., Philadelphia, Pa. Cravat holder. 2,008,666; July 23.
 Ekahl, Carl E., assignor to Marlin Firearms Company, New Haven, Conn. Mounting for telescopic gun sights. 2,018,549; Oct. 22.
 Ekholm, Fred. (See Polson, O., Walters, Carlson, Ekholm, Noren, and Anderson.)
 Ekholm, Herbert W., and E. G. Busse, assignors to Chicago Railway Equipment Company, Chicago, Ill. Brake beam support. 2,003,530; June 4.
 Ekisler, Jean, assignor to M. Pagenel, Paris, France. Making storage battery separators. 2,015,006; Sept. 17.
 Ekland, Carl E., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,002,392; May 21.
 Ekland, Carl E., and K. J. Tobin, Chicago, Ill., assignors, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Door for stock cars. 2,018,610; Oct. 22.
 Ekland, Henning A., Chicago, Ill. Machine tool and attachments therefor. 1,991,500; Feb. 19.
 Eklov, Karl V., Detroit, Mich. Universal paint striping device. 1,992,744; Feb. 26.
 Eklov, Karl V., Detroit, Mich. Adjustable paint striping device. 2,021,228; Nov. 19.
 Eklov, Karl V., Detroit, Mich. Paint striper guide. 2,021,229; Nov. 19.
 Eklov, Karl V., Detroit, Mich. Paint striping device. 2,021,230; Nov. 19.

- Eklund, Arthur G., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph system. 2,017,091; Oct. 15.
- Eknyan, Hrant, Montreal, Quebec, Canada, assignor, by mesne assignments, to Ecksol Corporation of America. Luminous tube and circuit. 2,012,238; Aug. 20.
- Eknyan, Hrant, Montreal, Quebec, Canada, assignor, by mesne assignments, to Ecksol Corporation of America. Luminous tube starting device. 2,012,239; Aug. 20.
- Eksergian, Carolus L. (See Farr, W. H., and Eksergian.)
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Making wheels. 1,989,743; Feb. 5.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Artillery wheel. 1,997,544; Apr. 9.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Hydraulic brake. 2,006,387; July 2.
- Eksergian, Carolus L., Detroit, Mich., and J. P. Tarbox, assignors to Budd Wheel Company, Philadelphia, Pa. Wheel mounting. 2,014,247; Sept. 10.
- Ekstrand, Alfred E. (See Schriber, R. B., and Ekstrand.)
- Elastic Stop Nut Corporation. (See Swanstrom, Carl A., assignor.)
- Elbaum, Harry, New York, N. Y. Combined mailing and return envelope. 2,001,489; May 14.
- Elbel, Eberhard, and A. Kirstahler, assignors to Henkel & Cie, G. m. b. H., Dusseldorf, Germany. High molecular aliphatic sulphides and producing same. 1,987,526; Jan. 8.
- Elbel, Ernst, Erkner, near Berlin, assignor to Bakelite Gesellschaft mit beschränkter Haftung, Berlin, Germany. Preparing molded articles. 1,996,757; Apr. 9.
- Elbel, Ernst, and F. Seebach, Erkner, near Berlin, Germany, assignors to Bakelite Corporation, New York, N. Y. Preparation of resinous condensation products. 2,024,212; Dec. 17.
- Elbert, Edward F. (See Ronci, V. L., and Elbert.)
- Elbert, Fritz, Munchen, Germany, assignor to Dr. jur Robert Wolff, Basel, Switzerland. Device for straightening type levers for typewriters. 1,989,087; Jan. 29.
- Elberty, Robert S., Jr., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Valve-operated mechanism. 2,005,891; June 25.
- Elberty, Robert S., Jr., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Folding device using the photo glow tubes. 2,015,550; Sept. 24.
- Elbertz, Frank V., Lake Orion, Mich. Worm and worm wheel gear assembly and the production thereof. 2,015,069; Sept. 24.
- Elcoro, Emilio, Mexico City, D. F., Mexico. Multitubular furnace. 2,024,516; Dec. 17.
- Elder, Frank R. (See LaRoque, H. B., and Elder.)
- Elder, Frank R., Schenectady, and H. B. LaRoque, Scotia, assignors to General Electric Company. Illumination control system. 2,008,494; July 16.
- Elder Manufacturing Company. (See Rowan, Alfred P., assignor.)
- Elderkin, James K., Montclair, N. J. Control for projection arcs. 1,995,502; Mar. 26.
- Elderkin, Paul N., Los Angeles, Calif. Electrical testing means. 1,991,451; Feb. 19.
- Eldred, Glen R., Canton, Ohio. Protective device. 2,020,879; Nov. 12.
- Eldredge, Elmer E., Wilmette, assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Package for perishable material and method and apparatus for making same. 2,012,529; Aug. 27.
- Electric Arc Cutting & Welding Co. (See Holslag, Claude J., assignor.)
- Electric Auto-Lite Company, The. (See Ehrlich, Louis B., assignor.)
- Electric Auto-Lite Company, The. (See Ehrlich, L. B., and Schneider, assignors.)
- Electric Auto-Lite Company, The. (See Eichenberg, William J., assignor.)
- Electric Auto-Lite Company, The. (See Gerbert, John P., assignor.)
- Electric Auto-Lite Company, The. (See Gogel, Adelbert J., assignor.)
- Electric Auto-Lite Company, The. (See Patterson, Harry R., assignor.)
- Electric Auto-Lite Company, The. (See Schneider, William G., assignor.)
- Electric Auto-Lite Company, The. (See Schneider, W. G., and Friend, assignors.)
- Electric Boat Company. (See Nibbs, Ernest, assignor.)
- Electric Boat Company. (See Spear, Lawrence Y., assignor.)
- Electric Boat Company. (See Spear, L. Y., Grieshaber, and Nibbs, assignors.)
- Electric Controller Corporation. (See Turner, Charles A., assignor.)
- Electric Controller & Manufacturing Company, The. (See Wright, David C., assignor.)
- Electric Furnace Company, The. (See Cope, Frank T., assignor.)
- Electric Furnace Company. (See Juthe, K. A., and Hanson, assignors.)
- Electric Furnace Company, The. (See Vaughan, Arthur H., assignor.)
- Electric Household Utilities Corporation. (See Hume, John T., assignor.)
- Electric Household Utilities Corporation. (See Hume, J. T., and Hart, assignors.)
- Electric Household Utilities Corporation. (See Hurley, Edward N., Jr., assignor.)
- Electric Household Utilities Corporation. (See McCaughan, William J., assignor.)
- Electric Household Utilities Corporation. (See Van Westrum, Colby, assignor.)
- Electric & Musical Industries, Ltd. (See Brown, W. J., and Spencer, assignors.)
- Electric and Musical Industries Limited. (See Browne, Cecil O., assignor.)
- Electric & Musical Industries Limited. (See Dutton, Gilbert F., assignor.)
- Electric & Musical Industries, Ltd. (See Stanley, Harold H. V., assignor.)
- Electric and Musical Industries Limited. (See Tedham, William F., assignor.)
- Electric and Musical Industries Limited. (See Tedham, W. F., and Baker, assignors.)
- Electric and Musical Industries Limited. (See Whitaker, A., and Browne, assignors.)
- Electric and Musical Industries, Ltd. (See Whyte, S., and Lord, assignors.)
- Electric Railway Improvement Company, The. (See Cadwell, Charles A., assignor.)
- Electric Railway Improvement Company, The. (See Huber, William B., assignor.)
- Electric Railway Improvement Company, The. (See Neff, Frank H., assignor.)
- Electric Railway Presidents' Conference Committee. (See Hirshfeld, Clarence F., assignor.)
- Electric Service Supplies Company. (See Graham, Herbert J., assignor.)
- Electric Service Supplies Company. (See McFarlin, John R., assignor.)
- Electric Shoe Machinery Corporation. (See Engel, Karl, assignor.)
- Electric Storage Battery Company, The. (See Beetem, Frank G., assignor.)
- Electric Storage Battery Company, The. (See Hamilton, John A., assignor.)
- Electric Storage Battery Company, The. (See Smith, Edward W., assignor.)
- Electric Storage Battery Company, The. (See Terry, Charles W., assignor.)
- Electric Storage Battery Company, The. (See West, George H. B., assignor.)
- Electric Storage Battery Company, The. (See Woodbridge, Joseph L., assignor.)
- Electric Trading Corporation. (See Fletcher, John, assignor.)
- Electric Wheel Company. (See Calkins, Addison N., assignor.)
- Electrical Boat Company. (See Nibbs, Ernest, assignor.)
- Electrical Engineers Equipment Co. (See Christensen, Christen, assignor.)
- Electrical Engineers Equipment Company. (See Farrell, Fred, assignor.)
- Electrical Engineers Equipment Co. (See Hoyer, Peder B., assignor.)
- Electrical Engineers Equipment Company. (See Starr, James H., assignor.)
- Electrical Improvements Limited. (See Blackburn, Charles L., assignor.)
- Electrical Patent Holding Corporation. (See Johnson, Gustave A., assignor.)
- Electrical Products Associates. (See McLennan, Donald W., assignor.)
- Electrical Research Products, Inc. (See Albersheim, Walter J., assignor.)
- Electrical Research Products Inc. (See Frayne, John G., assignor.)
- Electrical Research Products, Inc. (See Lorange, George T., assignor.)
- Electrical Research Products, Inc. (See Maxfield, Joseph P., assignor.)
- Electrical Research Products, Inc. (See Scoville, Ray R., assignor.)
- Electrical Research Products, Inc. (See Silent, Harold C., assignor.)
- Electrical Research Products Inc. (See Thomas, LaVern E., assignor.)
- Electrical Testing Laboratories. (See Sharp, C. H., and Eckweiler, assignors.)
- Electricitätsgesellschaft "Sanitas" m. b. H. (See Schnitzer, Alexander, assignor.)
- Electroacoustic Gesellschaft Mit Beschränkter Haftung. (See Fischer, Fritz A., assignor.)
- Electroacoustic Gesellschaft mit beschränkter Haftung. (See Hecht, Heinrich, assignor.)
- Electro Chemical Processes Limited. (See Large, Ernest C., assignor.)
- Elektrochemische Werke Munchen A. G. (See Pietzsch, Albert, assignor.)
- Electrogear Corporation. (See Neuland, Alfons H., assignor.)
- Electro-Inhaler Co., Inc., The. (See Borden, Arthur G., assignor.)
- Electro Lime & Ice Corporation. (See Walker, Robert S., assignor.)
- Electrol Incorporated. (See Macrae, James N., assignor.)
- Electrolock Manufacturing Company, The. (See Hemingway, Wilson, Jr., assignor.)
- Electrolux Corporation. (See Biéth, Tom C., assignor.)

- Electrolux Corporation. (See Cranmer, George H., assignor.)
- Electrolux Corporation. (See Ell, Lars, assignor.)
- Electrolux Corporation. (See Eriksson-Jons, Anders, assignor.)
- Electrolux Corporation. (See Forsberg, Axel A., assignor.)
- Electrolux Corporation. (See Heuberger, Josef F., assignor.)
- Electrolux Corporation. (See Lofgren, Gustaf E., assignor.)
- Electrolux Corporation. (See Lynger, Erik S., assignor.)
- Electrolux Corporation. (See Wenner-Gren, Axel L., assignor.)
- Electrolux Servel Corporation. (See Bäckström, Sigurd M., assignor.)
- Electrolux Servel Corporation. (See Knight, Donald B., assignor.)
- Electrolux Servel Corporation. (See Maiuri, Guido, assignor.)
- Electrolux Servel Corporation. (See Munsters, Carl G., assignor.)
- Electrolux Servel Corporation. (See Rupprich, Siegfried, assignor.)
- Electrolux Servel Corporation. (See Ryden, Eric H., assignor.)
- Electrolux Servel Corporation. (See Taylor, Robert S., assignor.)
- Electrolux Servel Corporation. (See Thomas, Albert R., assignor.)
- Electrolux Servel Corporation. (See Ullstrand, Hugo M., assignor.)
- Electromaster Inc., (See Marshall, Richard B., assignor.)
- Electromatic Typewriters, Inc. (See Crumrine, Chester W., assignor.)
- Electro Metallurgical Company. (See Becket, Frederick M., assignor.)
- Electro Metallurgical Company. (See Becket, F. M., and Franks, assignors.)
- Electro Metallurgical Company. (See Corson, Michael G., assignor.)
- Electro Metallurgical Company. (See Crafts, Walter, assignor.)
- Electro Metallurgical Company. (See Franks, Russell, assignor.)
- Electro Metallurgical Company. (See Kinzel, A. B., and Crafts, assignors.)
- Electromatic Typewriters, Inc. (See Thompson, Russel G., assignor.)
- Electromatic Typewriters, Inc. (See Thompson, R. G., and Crumrine, assignors.)
- Electron Corporation, The. (See Macksoud, Michel, assignor.)
- Electronic Laboratories, Incorporated. (See Garstang, William W., assignor.)
- Electrons, Inc. (See Riggs, Alger S., assignor.)
- Electrons, Inc. (See Spanner, Hans J., assignor.)
- Electrons, Inc. (See Spanner, H. J., and Doering, assignors.)
- Electrons, Inc. (See Spanner, H. J., and Germer, assignors.)
- Electrons, Inc. (See Spanner, H. J., and von Wedel, assignors.)
- Electrons, Inc. (See von Wedel, Carl J. R. H., assignor.)
- Electrons Inc. of Delaware. (See Edwards, Donald V., assignor.)
- Electrons, Inc., of Delaware. (See Edwards, D. V., and Smith, assignors.)
- Elektrizitäts-Actien-Gesellschaft vorm. W. Lahmeyer & Co. (See Wengen, Fritz, assignor.)
- Elevator Supplies Company. (See Smith, Frank H., assignor.)
- Elfring, John B., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Lubricating mechanism for machine tools. 2,010,354; Aug. 6.
- Elfvig, Thore M., Stockholm, Sweden. Absorption refrigerating apparatus. 1,992,745; Feb. 26.
- Elgae Corporation. (See Morrison, David C., assignor.)
- Elgin Manufacturing Company. (See Blackman, Philo M., assignor.)
- Elgin National Watch Company. (See Urle, Frank D., assignor.)
- Elgood, Edward G., London, England. Stairway construction. 2,024,032; Dec. 10.
- Elias, Maurice J., Astoria, N. Y. Attachable and adjustable ash tray for chairs. 1,989,974; Feb. 5.
- "Elin" Aktiengesellschaft für elektrisch Industrie. (See Geyer, Franz, assignor.)
- "Elin" Aktiengesellschaft für Elektrische Industrie. (See Weigner, O., and Senft, assignors.)
- Elhopoulos, Alexander A., Redlands, Calif. Culinary article. 2,024,849; Dec. 17.
- Elk City Cotton Oil Company. (See Mackenzie, Alexander S., assignor.)
- Elkin, Joseph. (See Kirkland, H. T., Sapper, Lasting, and Elkin.)
- Elkin, Joseph, et al. (See Sapper, C. R., Kirkland, Lasting, and Elkin.)
- Elkin, Newton, Philadelphia, Pa. Shoe insole. 2,018,710; Oct. 29.
- Elkington, James E., San Francisco, Calif. Dishwashing machine. 1,993,154; Mar. 5.
- Elkus, Edward, San Francisco, Calif., assignor to The Bess Manufacturing Company, Kewanee, Ill. Glove. 2,018,442; Oct. 22.
- Ell, Lars, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,025,734; Dec. 31.
- Elle, Eugen, and M. Wetzler, Frankfurt-on-the-Main, Germany, assignors to R. Wetzler, New York, N. Y. Receptacle for pastes. 2,001,819; May 21.
- Elle, Frieda, Chicago, Ill. Hat form. 1,997,330; Apr. 9.
- Ellenberger, Clarence M., Jackson, Mich. Automatic locking device for brake levers and the like. 2,009,311; July 23.
- Ellenberger, Clarence M., J. E. Blank, and B. O. Prentice, assignors to Ryerson & Haynes, Inc., Jackson, Mich. Spare wheel mounting structure. 2,015,422; Sept. 24.
- Ellens, William E., Berkhamsted, assignor to John Dickinson & Co., Limited, Herts, England. Method of and machine for manufacturing bags or envelopes. 2,024,820; Dec. 17.
- Eller, Keith B. (See Watts, P. L., and Eller.)
- Ellerbeck, Ben B., Salt Lake City, Utah. Convertible automobile top. 1,986,048; Jan. 1.
- Ellert, Joe. (See Eismann, G., and Ellert.)
- Ellery, Arthur B., Akron, Ohio. Vehicle door dovetail or supporting device. 2,014,280; Sept. 10.
- Ellestad, Gerhard A., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope illuminator. 2,004,806; June 11.
- Ellett, E. Vernon, Pocahontas, Va., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic reclosing circuit breaker system. 2,003,042; May 28.
- Ellett, E. Vernon, Pocahontas, Va., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic reclosing circuit breaker system. 2,003,043; May 28.
- Ellett, E. Vernon, Pocahontas, Va., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic reclosing circuit breaker system. 2,017,256; Oct. 22.
- Elling, Hugo, Wuppertal-Oberbarmen, Germany, assignor to North American Rayon Corporation, New York, N. Y. Device for washing and after-treatment of threads wound on spools. 2,007,914; July 9.
- Ellingham, Robert W., Hampden County, Mass., assignor to The Black & Decker Manufacturing Company, Towson, Md. Making a reamer. 1,993,879; Mar. 12.
- Ellingham, Robert W., Springfield, Mass., assignor to The Black & Decker Manufacturing Company, Towson, Md. Making a hole saw. 2,015,339; Sept. 24.
- Ellington, Cornwallis D., Great Falls, Mont. Aircraft appliance. 2,020,772; Nov. 12.
- Ellington, Paul B. (See Potts, C. M., and Ellington.)
- Elliot, Donald C. (See Nest, R. E., and Elliot.)
- Elliot, Donald C. (See Ramsdell, C. C., and Elliot.)
- Elliot, Donald C., West Springfield, and W. H. De Lancey, Springfield, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil burner. 1,985,920; Jan. 1.
- Elliot, Greene & Co. (See Fletcher, Sydney E., assignor.)
- Elliot, William S., Northampton, assignor to Pro-Phy-Lac-Tic Brush Company, Northampton, Mass. Grinding wheel for bristles. 2,017,487; Oct. 15.
- Elliott Addressing Machine Company. (See Elliott, Harmon P., assignor.)
- Elliott, Bert S., Colorado Springs, Colo. Game device. 1,990,859; Feb. 12.
- Elliott, Carradine B. (See Starr, J. W., and Elliott.)
- Elliott, Clarence E., Kansas City, Kans. Egg beater. 1,992,654; Feb. 26.
- Elliott Company. (See Elliott, William S., assignor.)
- Elliott Company. (See McDermet, John R., assignor.)
- Elliott, David, Johnstown, Pa. Cigar perforating device. 1,999,688; Apr. 30.
- Elliott, Dwight A. (See Jones, R. E., and Elliott.)
- Elliott, Edward O. (See Keen, J. S., Wallace, and Elliott.)
- Elliott, Erwin B., et al. (See Dietz, Valentin, assignor.)
- Elliott, Harmon P., Watertown, Mass. Bill printing and addressing machine. 1,986,142; Jan. 1.
- Elliott, Harmon P., Watertown, Mass. Addressing machine. 1,996,954; Apr. 9.
- Elliott, Harmon P., Watertown, Mass. Floating wharf. 1,996,955; Apr. 9.
- Elliott, Harmon P., Watertown, Mass. Wrapper printing and addressing machine. 2,015,552; Sept. 24.
- Elliott, Harmon P., Watertown, Mass., assignor to The Elliott Addressing Machine Company. Card and envelope feeding apparatus. 1,986,800; Jan. 8.
- Elliott, Harmon P., Watertown, Mass., assignor to The Elliott Addressing Machine Company. Rotary Printing apparatus. 1,988,113; Jan. 15.
- Elliott, Harmon P., Watertown, Mass., assignor to Elliott Addressing Machine Company. Sheet feeding and stencil printing apparatus. 1,990,534; Feb. 12.
- Elliott, Harmon P., Watertown, Mass., assignor to The Elliott Addressing Machine Company. Stencil sheet and making same. 1,990,535; Feb. 12.
- Elliott, Harmon P., Watertown, Mass., assignor to The Elliott Addressing Machine Company. Stencil printing apparatus. 2,013,089; Sept. 3.
- Elliott, Harmon P., Watertown, Mass., assignor to The Elliott Addressing Machine Company. Stencil printing apparatus. 2,016,855; Oct. 8.
- Elliott, Harmon P., Watertown, Mass., assignor to Elliott Addressing Machine Company. Rotary stencil printing apparatus. 2,022,539; Nov. 26.

- Elliott, Harmon P., Watertown, Mass., assignor to The Elliott Addressing Machine Company. Apparatus for cutting stencil cards from type plates. 2,022,540; Nov. 26.
- Elliott, Harold E. (See Ricks, F., and Elliott.)
- Elliott, Harold E. (See Ricks, F., Elliott, and Choice.)
- Elliott, Harold E., and F. C. Choice, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 1,996,103; Apr. 2.
- Elliott, Harold F., Palo Alto, Calif. Amplifier and detector system. 2,010,014; Aug. 6.
- Elliott, Harry D., Beverly, and T. C. Rowen, Swampscott, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Pressing machine. 2,026,083; Dec. 31.
- Elliott, Henry W. (See Clare, Francis, assignor.)
- Elliott, Howard A., Highland Park, Mich., assignor to Essex Wire Corporation. Braiding machine. 2,006,826; July 2.
- Elliott, Irwin, Harmon, assignor to Universal Oven Company, Incorporated, New York, N. Y. Method and mechanism for forming articles of plastic material. 2,001,243; May 14.
- Elliott, Irwin, Harmon, assignor to Universal Oven Company, Incorporated, New York, N. Y. Method of and apparatus for acting upon dough. 2,009,388; July 30.
- Elliott, Joseph, and J. Chalmers, Winnipeg, Manitoba, Canada. Coupler. 2,002,658; May 28.
- Elliott, Minnie S., executrix. (See Elliott, William E.)
- Elliott, Philip H., Charleston, assignor to Chemical Manufacturing Company, Point Pleasant, W. Va. Apparatus for utilizing heat transferring medium. 2,003,742; June 4.
- Elliott, Robert D., Huntington Park, Calif. Jar closure. 1,996,411; Apr. 2.
- Elliott, W. H. (See Watson, Orville C., assignor.)
- Elliott, Walton H., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Lubricator for rock drills. 1,995,736; Mar. 26.
- Elliott, Wilbert N., assignor to N. Slater Company Limited, Hamilton, Ontario, Canada. Guy wire guard. 1,995,503; Mar. 26.
- Elliott, William E., deceased, M. S. Elliott, executrix, Lynn, Mass. Button fastening machine. 2,022,277; Nov. 26.
- Elliott, William S. (See Horrell, M., and Elliott.)
- Elliott, William S., assignor to Elliott Company, Pittsburgh, Pa. Air conditioning apparatus. 2,017,713; Oct. 15.
- Elliott, Marion A., Philadelphia, Pa. Game. 2,022,278; Nov. 26.
- Ellis, A. D., Mills Incorporated. (See Ellis, Dwight W., assignor.)
- Ellis, Abram I. (See Ferkel, K. A., and Ellis.)
- Ellis, Alfred E., Parkersburg, W. Va. Torpedo and method for shooting oil wells. 2,023,831; Dec. 10.
- Ellis, Bertie, New York, N. Y. Corn cure package. 2,002,341; May 21.
- Ellis, Carleton, Montclair, N. J. Urea and/or urea derivative plastic and making same. 2,009,545; July 30.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Sealed milk bottle and sealing means therefor. 1,987,288; Jan. 8.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Oxidizing cracked petroleum. 1,992,691; Feb. 26.
- Ellis, Carleton, Montclair, N. J., assignor to Chadeloid Chemical Company, New York, N. Y. Finish remover. 1,999,165; Apr. 23.
- Ellis, Carleton, Montclair, N. J., assignor to Standard Oil Development Company. Soap powder. 1,999,184; Apr. 30.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Composite reaction product. 2,000,937; May 14.
- Ellis, Carleton, Montclair, N. J., assignor. Ellis-Foster Company. Edible synthetic ester resins. 2,007,965; July 16.
- Ellis, Carleton, Montclair, N. J., assignor to Chadeloid Chemical Company, New York, N. Y. Varnish and lacquer remover. 2,009,357; July 23.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Resinous substance. 2,009,986; July 30.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Resinous condensation product. 2,009,987; July 30.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Resinous complexes and compositions of synthetic origin containing sulphur and making same. 2,011,573; Aug. 20.
- Ellis, Carleton, Montclair, N. J., assignor to Standard Oil Development Company. Lubricating composition and making the same. 2,018,758; Oct. 29.
- Ellis, Carleton, Montclair, N. J., assignor, by mesne assignments, to Unyte Corporation, New York, N. Y. Co-amide resin and making same. 2,022,233; Nov. 26.
- Ellis, Charles L. (See Sutherland, W. H., and Ellis.)
- Ellis, Charles L., Bradford Hills, assignor to Downingtown Manufacturing Company, Downingtown, Pa. Press section for Fourdrinier paper machines. 1,991,346; Feb. 12.
- Ellis, Charles L., Bradford Hills, assignor to Downingtown Manufacturing Company, Downingtown, Pa. Cylinder paper machine and suction roll for use therein. 1,998,046; Apr. 16.
- Ellis, Cloyd, and H. E. Yates, Chrisman, Ill. Motor truck or tractor hitch. 2,021,840; Nov. 19.
- Ellis, Delbert. (See Armstrong, G. C., and Ellis.)
- Ellis, Douglas B. (See Russell, J. E., Ellis, and Gardiner.)
- Ellis, Dwight W., Springfield, assignor to A. D. Ellis Mills Incorporated, Monson, Mass. Tennis ball cover. 2,023,672; Dec. 10.
- Ellis, Dwight W., Springfield, assignor to A. D. Ellis Mills Incorporated, Monson, Mass. Tennis ball cover. 2,023,673; Dec. 10.
- Ellis, Edwin E. (See Weed, F., and Ellis.)
- Ellis, Fenwick L., Chicago, Ill. Clamp. 1,988,240; Jan. 15.
- Ellis-Foster Company. (See Ellis, Carleton, assignor.)
- Ellis-Foster Company. (See Stewart, Richard M., assignor.)
- Ellis, Frank E., Closter, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Vaporproof swing line cable sheave. 2,006,388; July 2.
- Ellis, George H. (See Brill, P. B., and Ellis.)
- Ellis, George H. (See Kirk, E. W., and Ellis.)
- Ellis, George H. (See Ockman, T., Reeves, Stanley, Olpin, and Ellis.)
- Ellis, George H. (See Olpin, H. C., and Ellis.)
- Ellis, George H. (See Stanley, E., Olpin, and Ellis.)
- Ellis, George H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Coloration of cellulose derivatives. 1,986,801; Jan. 8.
- Ellis, George H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Coloration of materials made of or containing organic derivatives of cellulose. 1,989,133; Jan. 29.
- Ellis, George H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of colorations on materials. 1,991,886; Feb. 19.
- Ellis, George H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Treatment of textile materials. 2,008,691; July 23.
- Ellis, George H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Dyeing of textile materials. 2,020,675; Nov. 12.
- Ellis, George H., St. Paul, assignor to The Insulite Company, Minneapolis, Minn. Wall construction. 1,998,610; Apr. 23.
- Ellis, George H., St. Paul, assignor to The Insulite Company, Minneapolis, Minn. Wall and reinforcing means therefor. 2,008,755; July 23.
- Ellis, George H., St. Paul, assignor to The Insulite Company, Minneapolis, Minn. Fireproof heat and sound insulating body. 2,017,344; Oct. 15.
- Ellis, George H., and H. C. Olpin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Dyeing or otherwise coloring of materials made of or containing cellulose esters and ethers. 1,986,883; Jan. 8.
- Ellis, George H., H. C. Olpin, and E. W. Kirk, Spondon, near Derby, England, assignors to Celanese Corporation of America. Dyestuffs of the naphthoquinone series. 1,991,885; Feb. 19.
- Ellis, George H., and H. C. Olpin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of pattern effects on textile and other materials. 2,005,182; June 18.
- Ellis, George H. and H. C. Olpin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Dyeing or otherwise coloring of materials made of or containing esters and ethers. 2,006,545; July 2.
- Ellis, George H. and H. C. Olpin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Dyeing or otherwise coloring of materials made of or containing cellulose esters and ethers. 2,006,546; July 2.
- Ellis, George H., T. Ockman, and H. C. Olpin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of materials. 2,008,902; July 23.
- Ellis, George H., and H. C. Olpin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile materials. 2,010,854; Aug. 13.
- Ellis, George H., and E. W. Kirk, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile and other materials. 2,017,119; Oct. 15.
- Ellis, George H. and J. Allan, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of discharge effects. 2,017,120; Oct. 15.
- Ellis, George H., and A. J. Wesson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Temperature indicator. 2,020,676; Nov. 12.
- Ellis, George H., and J. Allan, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile materials. 2,022,413; Nov. 26.
- Ellis, Humphrey A., Philadelphia, Pa. Tuyère and nozzles. 1,990,641; Feb. 12.
- Ellis, J. Homer, et al. (See Bacon, Willard M., Jr., assignor.)
- Ellis, John D., Turtle Creek, and G. C. Armstrong, Wilkesburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,020,935; Nov. 12.
- Ellis, Lambert A., Laurel, Del. Bail. 2,016,081; Oct. 1.
- Ellis, Lily D. (See Thomas, A. L., and Ellis.)
- Ellis, Lovic E., Lakeland, Fla. Sizing or grading device. 1,997,817; Apr. 16.

- Ellis, Norman S., Hamilton, Ontario, Canada, assignor to Metal Textile Corporation, West Orange, N. J. Enclosure for bottles and other containers. 1,986,256; Jan. 1.
- Ellis, Ray C. (See Forsythe, J. B., Brump, and Ellis.)
- Ellis, Ridsdale, New York, N. Y. Freight container anchoring device. 1,990,118; Feb. 5.
- Ellis, Ridsdale, New York, N. Y. Fastening device. 2,012,040; Aug. 20.
- Ellis, Robert E., and O. Johnson, Moreland, Idaho. Battery clamp. 2,011,537; Aug. 13.
- Ellis, Walter C., U. S. Army. Time controlled releasing mechanism. 1,985,890; Jan. 1.
- Ellis, William G., Philadelphia, Pa., assignor to The Ohio Electric Manufacturing Company, Cleveland, Ohio. Protective device. 2,010,814; Aug. 13.
- Ellis, William H., Jr., Glendale, Ohio. Indented paper. 1,995,057; Mar. 19.
- Ellison Bronze Company. (See Ellison, Edward H., assignor.)
- Ellison, Edward H., assignor, by mesne assignments, to Hopes Windows, Inc., Jamestown, N. Y. Casement window. 1,988,306; Jan. 15.
- Ellison, Edward H., Jamestown, assignor to Ellison Bronze Company, Inc., Falconer, N. Y. Window operator. 1,989,550; Jan. 29.
- Ellison, Edward H., assignor to Ellison Bronze Company, Inc., Jamestown, N. Y. Balanced door. 2,019,526; Nov. 5.
- Ellison, Edward H., assignor to Ellison Bronze Company, Inc., Jamestown, N. Y. Balanced door. 2,019,527; Nov. 5.
- Ellison, Edward H., assignor to Ellison Bronze Company, Inc., Jamestown, N. Y. Balanced door. 2,019,528; Nov. 5.
- Ellison, Edward H., Jamestown, assignor to Ellison Bronze Company, Inc., Falconer, N. Y. Fastening device. 2,022,081; Nov. 26.
- Elmore, William A., Wilmette, assignor to Utah Radio Products Company, Chicago, Ill. Dynamic speaker unit. 1,995,025; Mar. 19.
- Ells, Burdick R., et al. (See Minton, Corwin R., assignor.)
- Ellstrom, Elmer G., Webster Groves, assignor to Sefton National Fibre Can Co., Maplewood, Mo. Sifter and pouring top for cans. 1,993,364; Mar. 5.
- Ellstrom, Elmer G., and W. P. Hicks, Webster Groves, assignors to Sefton National Fibre Can Co., Maplewood, Mo. Spool. 2,003,663; June 4.
- Ellsworth, Charles K., Detroit, Mich. Package for bottles. 2,005,026; June 18.
- Ellsworth, Charles K., Toledo, Ohio. Box construction. 2,005,027; June 18.
- Ellsworth, Charles K., assignor to The Hinde and Dauch Paper Company, Sandusky, Ohio. Carton. 2,008,949; July 23.
- Ellsworth, Deane C., Kenmore, assignor to Dupont Rayon Company, New York, N. Y. Preparation of benzyl cellulose. 1,987,672; Jan. 15.
- Ellsworth, Edgar, McLoud, Okla. Veterinary instrument. 2,005,289; June 18.
- Ellsworth, Francis P., New York, N. Y. Card game simulator and instructing device. 1,988,587; Jan. 22.
- Ellsworth, Francis P., New York, N. Y. Tobacco pipe. 1,988,588; Jan. 22.
- Ellsworth, Ira H. J., assignor of one-half to E. D. Schive, Medford, Mass. Stock roll. 1,990,860; Feb. 12.
- Elm City Rubber Co., The. (See Hedolin, Erasmus P., assignor.)
- Elmendorf, Armin, Chicago, Ill. Floor covering and making the same. 2,018,711; Oct. 29.
- Elmendorf, Armin, Chicago, Ill. Lumber and article made therefrom. 2,018,712; Oct. 29.
- Elmer, Andrew J. (See Elmer, Walter M., assignor.)
- Elmer, Leon H., San Jose, Calif. Plant container. 2,017,308; Oct. 15.
- Elmer, Lloyd A. (See Clarke, C. A., and Elmer.)
- Elmer, Nixon W., Oak Park, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyor. 1,991,887; Feb. 19.
- Elmore, Roscoe M., Crawfordsville, Ind. Plow. 2,008,692; July 23.
- Elod, Egon, et al. (See Darrasse, E., and Dupont, assignors.)
- Elphinstone, Lewis M., Baltimore, Md. Making a spreader. 1,988,115; Jan. 15.
- Elrod, Henry E. (See Lacy, Benjamin B., assignor.)
- Elrod, Henry E., San Benito, Tex. Refrigerating unit. 2,016,082; Oct. 1.
- Elrod, Henry E., Houston, Tex. Sewage purifying device. 2,024,345; Dec. 17.
- Else, Harry D., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. High-speed bearing. 1,992,818; Feb. 26.
- Elsenbast, Robert, et al. (See Wikert, Harry E., assignor.)
- Elsom, John R., Fresno, Calif. Grade indicator. 2,019,178; Oct. 29.
- Elsome-Jones, Ronald J., Golders Green, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Rectifier for alternating electric current. 1,986,581; Jan. 1.
- Elsome-Jones, Ronald J., Golders Green, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Dry rectifier for alternating current. 1,986,582; Jan. 1.
- Elson, Emanuel J., Chicago, Ill. Supporting bracket. 2,015,845; Oct. 1.
- Elssner, Richard, Elizabethton, Tenn., assignor to North American Rayon Corporation. Viscose solution. 2,000,887; May 7.
- Elssner, Richard, Elizabethton, and R. H. Carter, Johnson City, Tenn., assignors to North American Rayon Corporation, New York, N. Y. Equalizing the dyeing qualities of artificial filaments. 1,992,897; Feb. 26.
- Elster, Ernst, Vienna, Austria. Automatically acting ski fastening. 2,002,694; May 28.
- Elster, Ernst, Vienna, Austria. Automatic snap fastening for skis. 2,026,084; Dec. 31.
- Elstermann, Herbert. (See Bechmann, R., Roosenstein, and Elstermann.)
- Elston, Rue R., Minneapolis, Minn. Sander for motor vehicles. 2,016,419; Oct. 8.
- Elter, Nicholas J., and D. B. St. Jacques, New York, N. Y. Drill sharpening mechanism. 2,017,532; Oct. 15.
- Elwell, George H., assignor to Greist Manufacturing Company, New Haven, Conn. Electric lamp socket shell. 1,990,729; Feb. 12.
- Elwell, George H., New Haven, assignor to The H. B. Ives Co., New Haven, Conn. Automatic closing device for casement windows and the like. 2,020,277; Nov. 5.
- Elwell, Harvey J., Newton, assignor to Vultex Corporation of America, Cambridge, Mass. Art and products of rubber manufacture. 2,022,462; Nov. 26.
- Ely, William G., Jr., Crystal City, Mo., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Surfacing plate glass. 1,996,369; Apr. 2.
- Elzi, Peter F. (See Schwydner, M. B., and Elzi.)
- Emanuel, Benjamin D. (See Blake, Kenneth R., assignor.)
- Emanuel, Luigi, Milan, Italy, assignor to Società Italiana Pirelli. Feeding reservoir for oil filled cables. 2,006,236; June 25.
- Emberg, George, Chicago, Ill., assignor to The Barrett Company, New York, N. Y. Saturating fibrous conduits. 2,012,961; Sept. 3.
- Emberton, William H. (See Wheeler, F. E., and Emberton.)
- Embery, Harry A., and A. Welsh, LaJolla, assignors of one-third to J. J. Richert, Pacific Beach, Calif. Thermostatic control apparatus for vehicle fans. 2,022,709; Dec. 3.
- Embree, Jesse S., Los Angeles, Calif. Gymnasium bed. 1,991,848; Feb. 19.
- Embury, Frederick B., and A. J. Perkins, assignors to Embury Manufacturing Company, Warsaw, N. Y. Torch burner. 2,014,130; Sept. 10.
- Embury Manufacturing Co. (See Embury, F. B., and Perkins, assignors.)
- Emeloid Company. (See Leeds, Myron P., assignor.)
- Emersleben, Otto, Berlin-Zehlendorf, Germany, assignor to Radio Corporation of America. Luminescent tube for wave induction. 2,017,897; Oct. 22.
- Emersol Manufacturing Co. (See Pierce, Burt N., assignor.)
- Emerson, Alfred H., Finchley, London, assignor to United Manufacture of lenses and glasses. 2,015,007; Sept. 17.
- Emerson, C. L., et al. (See Moore, Marion R., assignor.)
- Emerson Electric Mfg. Co., The. (See Dederick, Clinton H., assignor.)
- Emerson Electric Mfg. Co., The. (See Janca, Joseph J., assignor.)
- Emerson Electric Mfg. Co., The. (See Worley, Joseph, assignor.)
- Emerson, George, Santa Barbara, Calif. Protector for trees. 1,987,394; Jan. 8.
- Emerson, George A., San Francisco, Calif., assignor to Eli Lilly and Company, Indianapolis, Ind. Substituted glycerols and producing same. 2,009,988; July 30.
- Emerson, Ralph W., Chicago, and S. H. Harper, Wilmette, Ill. Glazing bar. 1,988,647; Jan. 22.
- Emerson, Sam, et al. (See Jaworowski, Joseph F., assignor.)
- Emery, Alfred H. (See Aldeborgh, E. H. and Emery.)
- Emery, Charles B., et al. (See Oksenholt, Jens N., assignor.)
- Emery, Ethan, Republican City, Nebr. Saw blade. 2,023,726; Dec. 10.
- Emery, Frederick L. (See Morey, Edwin, assignor.)
- Emery, Frederick L. (See Morey, E., and Stimpson.)
- Emery, Grace H., executrix. (See Morey, Edwin.)
- Emery, Grace H., executrix. (See Morey, E., and Stimpson.)
- Emery, I. C., Baltimore, Md., assignor to The Lock Nut Corporation of America, Chicago, Ill. Making lock nuts. 2,005,651; June 18.
- Emery Industries, Inc. (See Heckel, Hermann, assignor.)
- Emery Industries, Inc. (See Reddish, Warren T., assignor.)
- Emery, Richard L., Waterville, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Me. Molded pulp article. 2,007,523; July 9.
- Emery, William M., Lansdowne, Pa. Ironing press. 2,002,240; May 21.

- Emery, William M., Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company. Ironing machine. 1,994,910; Mar. 19.
- Emery, William M., Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company. Clutch mechanism. 1,997,682; Apr. 16.
- Emhoff, Floyd M., Springfield, Mo. Envelope. 1,995,672; Mar. 26.
- Emley, Jay N., Forest Hills, assignor to National Process Company, Inc., New York, N. Y. Support for flexible posters. 2,005,134; June 18.
- Emmens, Hendrik. (See van Geel, W. C., and Emmens.)
- Emmens, Hendrik, Eindhoven, Netherlands, assignor to Radio Corporation of America. Device for rectifying alternating voltages. 2,010,069; Aug. 6.
- Emmens, Hendrik, and W. C. Van Geel, Eindhoven, Netherlands, assignors to Radio Corporation of America. Electrode system. 1,988,116; Jan. 15.
- Emmerling, Anson A., Albany, N. Y., assignor to General Electric Company. Electrical regulator. 1,996,041; Mar. 26.
- Emmert, Rodger J., Dayton, Ohio, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Acoustic device. 2,010,537; Aug. 6.
- Emmite, Frank, San Jose, Calif. Fruit washer. 1,998,002; Apr. 16.
- Emmons, Arthur N., assignor to The Porter-Cable Machine Company, Syracuse, N. Y. Abrading machine. 1,998,417; Apr. 16.
- Emmons, Arthur N., assignor to The Porter-Cable Machine Company, Inc., Syracuse, N. Y. Portable slab cutting machine. 2,014,229; Sept. 10.
- Emmons, Harry H., Canton, Ohio. Electric sweeper bag cleaner. 1,997,720; Apr. 16.
- Emmons, Herbert A., Bloomfield, N. J. Marking roads. 2,007,524; July 9.
- Emmons, Joseph V., Shaker Heights, assignor to The Cleveland Twist Drill Company, Cleveland, Ohio. Ferrous alloy. 1,998,953; Apr. 23.
- Emmons, Joseph V., Shaker Heights, assignor to The Cleveland Twist Drill Company, Cleveland, Ohio. Alloy steel. 1,998,954; Apr. 23.
- Emmons, Joseph V., Shaker Heights, assignor to The Cleveland Twist Drill Company, Cleveland, Ohio. Alloy steel. 1,998,955; Apr. 23.
- Emmons, Joseph V., Shaker Heights, assignor to The Cleveland Twist Drill Company, Cleveland, Ohio. Ferrous alloy. 1,998,956; Apr. 23.
- Emmons, Joseph V., Shaker Heights, assignor to The Cleveland Twist Drill Company, Cleveland, Ohio. Ferrous alloy. 1,998,957; Apr. 23.
- Emmons, Willard O., Lockport, N. Y., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Radiator core. 2,011,853; Aug. 20.
- Emmons, Willard O., and W. R. Ramsaur, Lockport, N. Y., assignors to General Motors Corporation, Detroit, Mich. Radiator core. 1,998,663; Apr. 23.
- Emmons, Willard O., and W. R. Ramsaur, Lockport, N. Y., assignors to General Motors Corporation, Detroit, Mich. Making radiator cores. 2,011,854; Aug. 20.
- Emmons, William W., East Orange, N. J. Terminal box for electric cables. 2,021,594; Nov. 19.
- Emmott, Willie. (See Boughton, E. B., Emmott, and Brock.)
- Emms, Sydney A. G. (See Coates, H. J., and Emms.)
- Empire Box Corporation. (See Klein, Stanley J., assignor.)
- Empire Marine Salvage & Engineering Corporation. (See Connelly, Thomas P., assignor.)
- Empire Metal Cap Co. (See Merolle, Augustus L., assignor.)
- Empire Oil & Refining Company. (See Walker, John C., assignor.)
- Empire Trust Company, trustee. (See Kesty, Carl C., assignor.)
- Empson, Guy W. (See Steele, W. C., and Empson.)
- Emrick, George W., Brooklyn, N. Y. Clutch device. 1,988,967; Jan. 22.
- Emrick, George W., Brooklyn, N. Y. Multiple tapping device. 1,998,275; Apr. 16.
- Emrick, George W., Brooklyn, N. Y. Tapping attachment. 2,012,340; Aug. 27.
- Emry, Clyde L., St. Paul, assignor to Northern Malleable Iron Company, St. Paul, Minn. Earth anchor. 2,025,853; Dec. 31.
- EmSCO Asbestos Company. (See Fether, Donald W., assignor.)
- EmSCO Derrick & Equipment Company. (See Rawson, Leslie A., assignor.)
- EmSCO Derrick & Equipment Company. (See Smith, David M., assignor.)
- EmSCO Derrick & Equipment Company. (See Stevenson, Edward E., assignor.)
- EmSCO Derrick & Equipment Company. (See Tremolada, Guglielmo, assignor.)
- Enamel Products Company, The. (See Gallup, Milton, assignor.)
- Enamelers Guild, Inc. (See Hommel, Oscar, assignor.)
- Endacott, Paul S., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Cabinet and support for liquefied gas storage and utilization equipment. 1,994,337; Mar. 12.
- Endacott, Paul S., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Liquefied gas transporting apparatus. 1,994,338; Mar. 12.
- Endacott, Paul S., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Load lifting and weighing device. 2,009,768; July 30.
- Endacott, Paul S., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Liquefied gas tank. 2,019,004; Oct. 29.
- Ende, Werner, assignor to Quarzlampen-Gesellschaft m. b. H., Hanau-on-the-Main, Germany. Gas or vapor discharge tube. 2,008,066; July 16.
- Endean, Frank L. (See Torrence, T. A., and Endean.)
- Enderli, Max, assignor to firm Rudolph Koepf & Co., Chemische Fabrik A. G. Oestrich, Germany. Production of calcium formate. 1,995,607; Mar. 26.
- Enderli, Max, assignor to firm Rudolph Koepf & Co., Chemische Fabrik A. G. Oestrich, Germany. Production of caustic potash and oxalic acid. 2,002,342; May 21.
- Enders, John C., assignor of one-fourth to M. P. Lampert, and one-fourth to G. B. Jaycox, St. Louis, Mo. Pump valve. 2,007,851; July 9.
- Endlich, Karl, assignor of one-half to W. F. A. Buehner, Miami, Fla. Automobile license plate holder. 2,005,703; June 18.
- Endowment Foundation. (See Hamilton, Clyde C., assignor.)
- Endowment Foundation. (See Hoover, P. L., and Kennedy, assignors.)
- Endowment Foundation. (See McLean, H. C., and Weber, assignors.)
- Endres, Arthur F., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Sweetening stabilized hydrocarbon naphthas and unstabilized hydrocarbon naphthas. 1,996,236; Apr. 2.
- Endres, Arthur F., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Sweetening light naphthas. 2,022,847; Dec. 3.
- Endres, Hans, Solingen, Germany, assignor of one-half to E. Bachmann, Los Angeles, Calif. Fluid-reaction propelling apparatus. 2,018,779; Oct. 29.
- Endres, Wilhelm, Danzig-Langfuhr, Danzig, assignor to Maschinenfabrik Augsburg-Nürnberg A.-G., Augsburg, Germany. Internal combustion engine. 2,018,914; Oct. 29.
- Endrezze, William E., Butte, Mont. Ore classifier. 2,015,008; Sept. 17.
- Endsley, Colson J., Los Angeles, Calif. Multiple hammer. 1,995,504; Mar. 26.
- Endsley, Louis E. (See Hill, H. A., and Endsley.)
- Enete, Truman D., Jonesville, La. Valve seat grinder. 1,999,322; Apr. 30.
- Engdahl, Seth M. F., Stockholm, Sweden. Air humidifying apparatus. 1,987,895; Jan. 15.
- Engelhardt, Rudolf, Leverkusen-I. G. Werk, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Insulating material. 2,005,840; June 25.
- Engel, Albert W., Chicago, Ill. Transparent filing device. 1,993,505; Mar. 5.
- Engel, Arthur C., Haverhill, Mass. Shoe counter. 1,990,275; Feb. 5.
- Engel, Arthur C., Haverhill, Mass. Shoe counter. 2,002,093; May 21.
- Engel, Bruno. (See Wietzel, R., and Engel.)
- Engel, Ernst, assignor to Alfred Teves, Frankfurt-on-the-Main, Germany. Brake arrangement. 1,987,435; Jan. 8.
- Engel, Francis H., New York, N. Y., assignor to Radio Corporation of America. Power circuits. 2,002,343; May 21.
- Engel, Harry H. (See Johnson, L. D., True, and Engel.)
- Engel, Karl, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for lasting shoe uppers. 2,008,069; July 16.
- Engel, Karl, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and making the same. 2,013,341; Sept. 3.
- Engel, Karl, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and making the same. 2,022,760; Dec. 3.
- Engel, Karl H., West Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Purifying phenols. 2,006,589; July 2.
- Engel, Karl H., Leonia, N. J., assignor to The Barrett Company, New York, N. Y. Producing paracoumarone resins. 2,024,568; Dec. 17.
- Engel, Paul H., assignor to The Hobart Manufacturing Co., Troy, Ohio. Washing machine. 1,987,231; Jan. 8.
- Engel, William F., G. W. La Salle, and O. D. Treiber, assignors to Hercules Motors Corporation, Canton, Ohio. Governor apparatus. 2,009,995; Aug. 6.
- Engelbortz, William H., Pittsburgh, Pa. Tube forming apparatus. 1,988,547; Jan. 22.
- Engelbortz, William H., Pittsburgh, Pa. Apparatus for the manufacture of seamless hollow bodies. 2,001,902; May 21.
- Engelhard, Charles, Inc. (See Hebler, William O., assignor.)
- Engelhard, Charles, Inc. (See Oetien, John H., assignor.)
- Engelhardt, Henry H., deceased, Chicago, Ill. H. J. McCreary, administrator, assignor of one-fourth to R. G. Richardson, Chicago, Ill. Compass. 2,025,580; Dec. 24.
- Engelke, Ernest F., Camden, N. J., assignor to Doherty Research Company, New York, N. Y. Refining pressure distillates. 1,986,565; Jan. 1.

- Engelke, Ernest F., Camden, N. J., assignor, by mesne assignments, to Doherty Research Company, New York, N. Y. Producing a refined lubricant from crude petroleum oil. 1,988,648; Jan. 22.
- Engelmann, Max, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo compounds and their production. 1,999,183; Apr. 30.
- Engelmann, Max, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkoxy-phenyl-imidazoles. 2,005,538; June 18.
- Engelmann, Max, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aminobenzothiazole compound. 2,019,529; Nov. 5.
- Engelmann, Max, and A. L. Fleener, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrocarbon mercury salt of a fatty acid. 1,993,776; Mar. 12.
- Engelmann, Max, and A. L. Fleener, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Mercury compounds and manufacturing. 1,993,777; Mar. 12.
- Engels, Hans, Offenbach-on-the-Main, assignor to the firm Oswald Rügner, Offenbach-on-the-Main, Germany. Producing patterns on dark colored skins or leathers. 2,004,043; June 4.
- Engholm, Bernard A., Shaker Heights, assignor to The Rola Company, Cleveland, Ohio. Loud speaker. 1,997,051; Apr. 9.
- Engholm, Bernard A., Shaker Heights, assignor to The Rola Company, Cleveland, Ohio. Loud Speaker construction. 2,006,857; July 2.
- Engineering Corporation. (See Russell, Robert C., assignor.)
- Engineering Materials Limited. (See Armstrong, Henry, assignor.)
- Engineering and Research Corporation, The. (See Berliner, H. A., and DeBoer, assignors.)
- Engineering and Research Corporation, The. (See Gear, Charles D., assignor.)
- Engineering and Research Corporation, The. (See Gear, C. D., and Bacon, assignors.)
- Engineering and Research Corporation, The. (See Simmons, James L., assignor.)
- England, Alexander, Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Hose coupling gauge. 1,986,467; Jan. 1.
- England, Alexander, Wilkinsburg, assignor to the Westinghouse Air Brake Company, Wilmerding, Pa. Hose coupling gauge. 2,021,841; Nov. 19.
- England, Alexander, Wilkinsburg, assignor to the Westinghouse Air Brake Company, Wilmerding, Pa. Hose coupling gauge. 2,021,842; Nov. 19.
- England, August J., Providence, R. I. Razor. 2,019,957; Nov. 5.
- England, Frank W., assignor to Illinois Tool Works, Chicago, Ill. Lock washer and making same. 2,001,956; May 21.
- England, James F., and J. B. Lomasney, assignors to Englo Associates, Ltd., Long Beach, Calif. Method and apparatus for making an article of food. 1,989,272; Jan. 29.
- England, Leonard H., Winnetka, assignor of two-thirds to B. Baslaw and one-third to C. N. Ash, Chicago, Ill. Detergent and application thereof. 1,992,692; Feb. 26.
- Engle, George D., Logan, Ohio. Safety device. 2,003,256; May 28.
- Engel, Isaiah B., Tiffin, Ohio. Producing mineral fiber. 2,020,403; Nov. 12.
- Engle, Lawrence D., Chicago, Ill. Guard fence. 2,008,132; July 16.
- Englebright, Alfred E., San Rafael, assignor to Hydrauger Corporation, Ltd., San Francisco, Calif. Pipe laying apparatus. 1,993,366; Mar. 5.
- Englebright, Alfred E., and F. J. Foret, San Rafael, and J. E. C. Currens, San Anselmo, assignors to Hydrauger Corporation, Ltd., San Francisco, Calif. Earth boring apparatus. 1,993,365; Mar. 5.
- Englebright, Alfred E., San Rafael, and W. A. La Violette, Sausalito, Calif. Fluid pressure regulation system. 2,021,053; Nov. 12.
- Engelhart, Harry. (See Frye, Fred L. and J. K., assignors.)
- Engelhart, Orton H., Glendora, Calif. Water sprinkler. 1,997,901; Apr. 16.
- Engelhart, Robert W. (See Dreisbach, Ernst, assignor.)
- Engler, Max L. (See Breh, W. J., and Engler.)
- Engler, Otto, assignor to Schmidt'sche Heissdampf-Gesellschaft m. b. H., Cassel-Wilhelmshöhe, Germany. Water tube boiler. 2,024,569; Dec. 17.
- Englert, Walter J., assignor to P. J. Nagle, Rochester, N. Y. Oil burner. 2,009,578; July 30.
- English Card Clothing Company, Limited, The. (See Marchant, Herbert G., assignor.)
- English Electric Company, Limited, The. (See Paulin, G. H., and Horner, assignors.)
- English, Ernest L. (See Carter, Otis E., assignor.)
- English, Francis G. S., West Croydon, assignor to The Accounting & Tabulating Corporation of Great Britain, Limited, London, England. Machine for making records on statistical cards. 1,987,395; Jan. 8.
- English, Francis G. S., Thorton Heath, assignor to The Accounting & Tabulating Corporation of Gt. Britain Limited, London, England. Tabulating, typewriting, or like printing machine. 1,993,959; Mar. 12.
- English, Frank A. (See Kroch, H., and English.)
- English, Lester L., Spring Hill, assignor to Alabama Polytechnic Institute, Auburn, Ala. Orchard heater. 2,002,054; May 21.
- Eng-Lo Associates, Ltd. (See England, J. F., and Lomasney, assignors.)
- Englund, Carl R., Freehold, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio guiding system. 1,998,834; Apr. 23.
- Englund, Lee T., et al. (See King, George W., assignor.)
- Engman, Karl V., Uppsala, assignor, by mesne assignments, to Theodor Pettersson, Broddbo, Sweden. Elastic connections for boards or similar structural elements. 2,011,312; Aug. 13.
- Engman, Karl V., Uppsala, assignor, by mesne assignments, to Theodor Pettersson, Broddbo, Sweden. Locking device for boards or similar structural elements. 2,011,313; Aug. 13.
- Engs, William. (See Deanesley, R. M., and Engs.)
- Engs, William. (See Moravec, R. Z., and Engs.)
- Engs, William, and R. Moravec, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Segregation of tertiary base olefines. 2,007,159; July 9.
- Engs, William, and R. Moravec, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Selective removal of tertiary base olefines. 2,007,160; July 9.
- Engst, Norbert K., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Gauge. 2,016,420; Oct. 8.
- Engst, Norbert K., LaGrange Park, and A. W. Schoof, Riverside, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Gauging apparatus. 2,018,399; Oct. 22.
- Engst, Norbert K., LaGrange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Perforating apparatus. 2,021,296; Nov. 19.
- Engster, Frank W., Troy, N. Y., assignor to General Electric Company. Terminal for electric cables. 2,000,748; May 7.
- Engstrom, Birger, Pittsburgh, Pa. Pipe thread protector. 2,022,189; Nov. 26.
- Engstrom, Carl O., Sacramento, Calif. Dental instrument. 2,021,445; Nov. 19.
- Engstrom, Frank F., et al. (See Stirrup, Frank A., assignor.)
- Enholm, Harold G., Swampscott, and J. Reid, Braintree, assignors to H. D. Foss & Company, Inc., Cambridge, Mass. Package container. 2,019,778; Nov. 5.
- Enkle, Joseph, Landstuhl, Pfalz, Germany. Free balance escapement. 2,017,236; Oct. 15.
- Enkur, Edward M. (See Kramer E. B., and Enkur.)
- Eno, Frank F., Brookline, Mass. Making ribbed insoles. 1,998,125; Apr. 16.
- Eno, George A., Lowell, Mass. Rumble seat disappearing top. 2,021,054; Nov. 12.
- Enoch, Walter, assignor to A. Kimball Company, New York, N. Y. Binding strip. 2,015,302; Sept. 24.
- Enock, Arthur G., Wembley Park, England. Capsuling bottle and apparatus therefor. 1,990,536; Feb. 12.
- Enock, Arthur G., Wembley Park, England. Apparatus for pasteurizing milk and other substances. 2,000,514; May 7.
- Enock, Arthur G., Wembley Park, assignor to Auto Dairy Pioneers Limited, London, England. Capping of bottles and an apparatus therefor. 2,003,682; June 4.
- Enock, Arthur G., Wembley Park, England. Capsuling bottle, and apparatus therefor. 2,025,812; Dec. 31.
- Ennis, George H., assignor of one-half to R. V. Funk, Long Beach, Calif. Solution for use in testing wells. 1,994,761; Mar. 19.
- Ennis, George H., assignor of one-half to R. V. Funk, Long Beach, Calif. Electrolyte for use in testing wells. 1,994,762; Mar. 19.
- Ensko, Robert, Freeport, assignor to Seeman Brothers, Inc., New York, N. Y. Container and its cover. 2,005,314; June 18.
- Enos, Alexander, New York, N. Y. Click doorlock. 2,008,008; July 16.
- Ensign, Harris N., Los Angeles, and H. A. Hanson, West Los Angeles, assignors to Paramount Productions, Inc., Los Angeles, Calif. Method of and apparatus for moving film strips through liquid baths. 2,008,439; July 16.
- Ensign, Harris N., Los Angeles, and H. A. Hanson, West Los Angeles, assignors to Paramount Productions, Inc., Los Angeles, Calif. Motion picture film propelling means. 2,016,083; Oct. 1.
- Ensen, Ferdinand. (See Masters, Roy C., assignor.)
- Ensinger, Arthur A., Cleveland, Ohio. Combination storm and screen sash. 2,013,824; Sept. 10.
- Enterlin, Henry M. (See Burke, S. P., and Enterline.)
- Enterprise Aluminum Company, The. (See Wilcox, Albert C., assignor.)
- Enterprise Boiler and Tank Works, Inc. (See Schimke, Edward J., assignor.)
- Enterprise Manufacturing Company, The. (See Maryfield, W. L., and Pfueger, assignors.)
- Enterprise Manufacturing Company, The. (See Pfueger, Charles T., assignor.)
- Enterprise Railway Equipment Company. (See Campbell, Argyle, assignor.)
- Enterprise Railway Equipment Company. (See Campbell, A., and Willard, assignors.)
- Enriken, Emmott W., Baltimore, Md. Paste tube closure. 2,011,999; Aug. 20.

- Entrop, Johan, Cabimas, Venezuela, assignor to Shell Development Company, San Francisco, Calif. Apparatus for lifting liquids. 2,026,226; Dec. 31.
- Entwistle, James L. (See Woodruff, L. F., and (Rose, assignor).)
- Entwistle, Joseph. (See Clem, Ross A., assignor.)
- Enzinger-Union-Werke Aktiengesellschaft. (See Adams, Heinrich, assignor.)
- Eolis, David A., Mount Vernon, N. Y. Powder dispenser. 1,986,718; Jan. 1.
- Epley, Frederic I., North Pelham, assignor to The Superheater Company, New York, N. Y. Oil field superheater. 2,003,826; June 4.
- Epp, Wilhelm, Berlin-Pankow, Germany. Roller brush. 2,021,768; Nov. 19.
- Eppens, Herman F., Dallas, Tex., assignor to Ella R. Haywood, Minneapolis, Minn. Golf bag support. 2,007,709; July 9.
- Eppenstein, Otto, assignors to the firm, Carl Zeiss, Jena, Germany. Instrument for measuring parallel coordinates. 1,987,773; Jan. 15.
- Eppenstein, Otto, assignor to the firm of Carl Zeiss, Jena, Germany. Self-contained base rangefinder. 1,999,833; Apr. 30.
- Eppensteiner, William F., Rahway, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Sweating out fusible metals. 1,989,852; Feb. 5.
- Eppinger, Lou J. (See Meyer, Henry H., assignor.)
- Eppler, Andrew, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Inseam shoe sewing machine. 1,990,537; Feb. 12.
- Eppler, Andrew, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,013,751; Sept. 10.
- Eppler, Eugen, Stuttgart, Germany, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Mixing and kneading machine. 2,015,397; Sept. 24.
- Epps, Carl, Rome, Ga., assignor to Tubize Chatillon Corporation. Yarn support. 2,000,900; May 14.
- Epstein, Albert K., Chicago, Ill. Dispersing hydrophylic material and product. 1,995,281; Mar. 19.
- Epstein, Albert K., and B. R. Harris, Chicago, Ill. Retarding staling of bread. 2,009,440; July 30.
- Epstein, Albert K., and B. R. Harris, Chicago, Ill. Flavoring material. 2,023,877; Dec. 10.
- Epstein, Albert K., M. C. Reynolds, and B. R. Harris, Chicago, Ill. Making margarine. 2,006,798; July 2.
- Epstein, Albert K., B. R. Harris, M. C. Reynolds, and W. M. Sternberg, Chicago, Ill. Producing dried egg whites. 2,006,799; July 2.
- Epstein, Chester H., Highland Park, and N. R. Gotthoffer, assignors to Grayslake Gelatin Co., Grayslake, Ill. Gelatin product and making same. 2,024,683; Dec. 17.
- Epstein, Harry T., Roxbury, Mass. Sanitary food container. 2,024,033; Dec. 10.
- Epstein, Morris, Boston, Mass. Vending machine. 1,991,736; Feb. 19.
- Epton, Arthur I., et al. (See Voss, John, assignor.)
- Equipment Specialties Company. (See Lundvall, John S., assignor.)
- Equipment Specialties Company. (See O'Connor, Arthur F., assignor.)
- Equitable Paper Bag Co. (See Poppe, George W., assignor.)
- Equitable Paper Bag Co., Inc. (See Poppe, George W., assignor.)
- Eras, Vincent J. M. (See van Berkel, Cornelis F. M., assignor.)
- Eras, Vincent J. M., Dordrecht, Netherlands. Door latch. 2,012,341; Aug. 27.
- Erb, Clarence F., Youngstown, Ohio. Heating furnace. 2,011,620; Aug. 20.
- Erb, George C., Forest Hills, West, assignor to American Can Company, New York, N. Y. Container. 2,004,104; June 11.
- Erb, Louis H., assignor to Parva Products Company, Chicago, Ill. Buckle. 1,999,166; Apr. 23.
- Erb, Louis H., assignor to Parva Products Company, Chicago, Ill. Buckle. 1,999,168; Apr. 23.
- Erb, Norris M. (See Sherman, J. M., and Erb.)
- Erb, Philip A., Cleveland Heights, and E. O. Shilling, South Euclid, Ohio. Culinary-serving device. 1,995,448; Mar. 26.
- Erb, Philip A., Cleveland Heights and E. O. Shilling, South Euclid, Ohio. Material handling means. 2,011,621; Aug. 20.
- Erba Aktiengesellschaft, Fabrik Chemischer Produkte. (See Müller, Adalbert, assignor.)
- Erba Aktiengesellschaft, Fabrik Chemischer Produkte. (See Müller, A., and Stenzinger, assignors.)
- Erbach, Fred R., assignor to General Refrigeration Corporation, Beloit, Wis. Finned evaporator. 1,998,664; Apr. 23.
- Erbach, Frederick R., assignor to Kelvinator Corporation, Detroit, Mich. Display refrigerator. 2,008,950; July 23.
- Erban Operating Corporation. (See Madlé, Alain, assignor.)
- Erban Patents Corporation. (See Erban, Richard, assignor.)
- Erban, Richard, Vienna, Austria, assignor to Erban Patents Corporation. Friction gear. 2,020,677; Nov. 12.
- Erbe, Ralph R. (See Collison, E. E., and Erbe.)
- Erbe, Ralph R., Bridgeport, Conn., assignor, by mesne assignments, to The Capehart Corporation, Fort Wayne, Ind. Multiple playing phonograph. 2,012,185; Aug. 20.
- Erbe, Ralph R., assignor to The Capehart Corporation, Fort Wayne, Ind. Coin-operated electric switch. 2,022,110; Nov. 26.
- Erbe, Rudolf. (See Ulffers, F., and Erbe.)
- Erdahl, Bernard F., Duluth, Minn. Algin composition containing latex. 2,013,651; Sept. 10.
- Erdahl, Nicholas M., assignor to Highway Trailer Company, Edgerton, Wis. Hole boring or drilling machine. 1,997,108; Apr. 9.
- Erdman, Harvey C., Shaker Heights, assignor to The National Screw & Manufacturing Company, Cleveland, Ohio. Making castle nuts. 2,013,460; Sept. 3.
- Erdmann, Albert, and E. Bertram, Berlin, assignors to Richard Weber & Co., Zweigniederlassung der Firma Louis Soest & Co. m. b. H., Düsseldorf-Reisholz, Germany. Heating bath for hardening of steel, especially tool steel. 2,016,321; Oct. 8.
- Erdmann, Hans M., Montclair, assignor to Saron, Inc., Bloomfield, N. J. Apparatus for cleaning liquid conduits. 2,018,952; Oct. 29.
- Erdmann, Hans M., Montclair, assignor to Saron, Inc., Bloomfield, N. J. Apparatus for cleaning liquid conduits. 2,022,882; Dec. 3.
- Eremeeff, Ivan, Philadelphia, Pa. Wave production. 1,990,023; Feb. 5.
- Eremeeff, Ivan, Philadelphia, Pa. Synthetic electronic musical instrument. 1,990,024; Feb. 5.
- Erfass, Karl A. R., Stockholm, Sweden. Clamping and clamping means. 1,993,991; Mar. 12.
- Erfass, Karl A. R., Stockholm, Sweden. Fastener. 2,016,279; Oct. 8.
- Erfass, Karl A. R., Stockholm, Sweden. Motor-driven hammer. 2,024,684; Dec. 17.
- Ergon Research Laboratories, Inc. (See Lilienfeld, Julius E., assignor.)
- Erhard, Emile H., Dedham, assignor to Draper Corporation, Hopedale, Mass. Spindle doffer guard. 2,017,956; Oct. 22.
- Erhard, Emile H., Dedham, assignor to Draper Corporation, Hopedale, Mass. Spindle. 2,017,957; Oct. 22.
- Erhard, Emile H., Dedham, assignor to Draper Corporation, Hopedale, Mass. Spindle with doffer guard. 2,017,958; Oct. 22.
- Erhard, William, Philadelphia, Pa. Plug receptacle device. 1,996,699; Apr. 2.
- Erickson Telephones Limited. (See Limb, Frederick, assignor.)
- Erichsen, Abraham M., Teltow, near Berlin, Germany. Apparatus for measuring and indicating forces. 1,994,388; Mar. 12.
- Erickson, Arthur F., San Francisco, Calif., assignor to Minneapolis Honeywell Regulator Company, Minneapolis, Minn. Fuel control system. 2,021,407; Nov. 19.
- Erickson, Arvid M., assignor to Barron Gray Packing Company, San Jose, Calif. Fruit and vegetable cutting device. 1,999,449; Apr. 30.
- Erickson, C. E. Company. (See Erickson, Ernest R., assignor.)
- Erickson, Charles, Kirkland Lake, Ontario, Canada. Replaceable bit rock drill. 2,010,070; Aug. 6.
- Erickson, Chester L., East Milton, H. G. Lambert, Mattapan, and W. A. Patscheider, Auburndale, Mass., assignors to Walworth Patents Inc., Boston, Mass. Tool. 2,011,622; Aug. 20.
- Erickson, Edward B. (See Hanford, W. B., and Erickson.)
- Erickson, Edward B., Los Angeles, Calif., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Stock storing apparatus. 2,021,130; Nov. 19.
- Erickson, Edward S., Salem, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Releasable wringer head. 2,022,190; Nov. 26.
- Erickson, Einar, assignor, by mesne assignments, to J. H. McElroy, Chicago, Ill. Automatic gas engine control for hoists. 2,001,674; May 14.
- Erickson, Ellis O. (See Hyde, R. C., and Erickson.)
- Erickson, Ellis O., Pasadena, Calif., assignor to Claude Neon Electrical Products Corporation, Ltd., Wilmington, Del. Control for gaseous discharge lamps. 1,997,787; Apr. 16.
- Erickson, Ellis O., Pasadena, Calif., assignor to Claude Neon Electrical Products Corporation, Ltd., Wilmington, Del. Producing hot cathode tubes. 2,002,768; May 28.
- Erickson, Ellis O., Pasadena, Calif., assignor to Claude Neon Electrical Products Corporation, Ltd., Wilmington, Del. Electrical control circuit. 2,002,769; May 28.
- Erickson, Ernest F., Oak Park, Ill., assignor to Standard Brands Incorporated, New York, N. Y. Meringue composition. 2,019,123; Oct. 29.
- Erickson, Ernest R., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Hand applicator for varnish, polish, and the like. 2,011,214; Aug. 13.
- Erickson, Ernest R., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Thermometer mounting. 2,026,085; Dec. 31.
- Erickson, Frederic W., New Rochelle, N. Y. Aeroquits game. 2,009,252; July 23.
- Erickson, George. (See Drohan, James J., assignor.)

- Erickson, George L., Hasbrouck Heights, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Testing apparatus. 1,992,363; Feb. 26.
- Erickson, George L., Hasbrouck Heights, N. J., and J. H. Hackenberg, Jackson Heights, assignors to The Western Union Telegraph Company, New York, N. Y. Measurement of telegraph interference. 1,996,042; Mar. 26.
- Erickson, Henry L., and P. N. Moody, Youngstown, Ohio. Automatic film unit advertising device. 2,012,501; Aug. 27.
- Erickson, John, and O. M. Lilliequist, Spokane, Wash. Sprinkler. 2,007,675; July 9.
- Erickson, John A., Jackson, Mich. Coal briquette. 2,011,971; Aug. 20.
- Erickson, John R., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,000,165; May 7.
- Erickson, Julius E., Chicago, Ill. Chair. 2,019,005; Oct. 29.
- Erickson, Ohi, assignor of one-fourth to R. W. Good and one-fourth to C. N. Sunner, Eagle Grove, Iowa. Animated figure toy. 2,015,009; Sept. 17.
- Erickson, Theodore, Holland, Mich., assignor to Charles Karr Company. Spring assembling machine. 2,026,276; Dec. 31.
- Ericksson, Emil, assignor to Standard Process Corporation, Chicago, Ill. Printing cylinder. 1,995,973; Mar. 26.
- Ericson, Adolph E., and G. C. Zeidler, Minneapolis, Minn. Hypodermic syringe—air operated. 2,017,276; Oct. 15.
- Ericson, Charles G., Toronto, Ontario, Canada. Rail anchor. 1,996,286; Apr. 2.
- Ericson, Franklin R. (See Dickinson, E. D., Somes, and Ericson.)
- Ericson, George R., Maplewood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Filtering material. 2,007,753; July 9.
- Ericson, George R., St. Louis, Mo., and D. M. Ramsay, Alexandria, Va., assignors, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Lubricating system. 1,996,912; Apr. 9.
- Ericsson, Arthur W., and E. W. Ericsson, Brooklyn, N. Y. Electric comb. 2,021,008; Nov. 12.
- Ericsson, Eric W. (See Ericson, Arthur W. and E. W.)
- Ericsson, Eric W., Brooklyn, N. Y. Safety razor. 1,998,452; Apr. 23.
- Ericsson, Konrad E., East Rochester, N. Y. Tea Ball holder. 1,987,896; Jan. 15.
- Ericsson, Nils, Bofors, Sweden. Apparatus for automatic feeding of metal to rolling mills. 2,018,013; Oct. 22.
- Ericsson Telephones Limited. (See Limb, Frederick, assignor.)
- Erle City Iron Works. (See Carlson, Carl T., assignor.)
- Erle City Iron Works. (See Kaemmerling, Gustav H., assignor.)
- Erle Foundry Company. (See Reed, MacDonald S., assignor.)
- Erle Malleable Iron Company. (See Vanderveer, Jewell W., assignor.)
- Erle Meter Systems, Inc. (See Carlson, Nelson A., assignor.)
- Eriksson, Karl E., and U. Lamm, Ludvika, assignors to Allmannä Svenska Elektriska Aktiebolaget, Västerås, Sweden. Ion valve for producing alternating currents. 2,005,458; June 18.
- Eriksson-Jons, Anders, Stockholm, Sweden, assignor, by mesne assignments, to Electrolux Corporation. Vacuum cleaner. 2,024,367; Dec. 17.
- Erke, Ervin G. (See Erke, Herman L., and E. G.)
- Erke, Herman L. and E. G., assignors of one-fifth to J. F. Sheahan, St. Paul, Minn. Carding machine. 2,020,050; Nov. 5.
- Erkes, Joseph, Philadelphia, Pa. Pile fabric and method of and apparatus for weaving the same. 1,992,862; Feb. 26.
- Erlandsen, Oscar Jr., Hempstead, N. Y. Shock absorber. 1,988,194; Jan. 15.
- Erlmann, Gustav. (See Schilder, T., and Erlmann.)
- Erlenbach, Michael. (See Steindorf, A., Krämer, Staudermann, and Erlenbach.)
- Erling, Ralph, Alexandria, Va. Control mechanism for hydraulic devices. 1,998,189; Apr. 16.
- Erling, Ralph, Alexandria, Va. Control mechanism for hydraulic devices. 2,023,168; Dec. 3.
- Erling, Sven J., Nockeby, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Milking machine connector and pneumatic and electric conductor thereof. 2,003,586; June 4.
- Erling, Sven J., Nockeby, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Milking machine pulsator. 2,018,713; Oct. 29.
- Erne, Charles H., Maywood, N. J., assignor to American Can Company, New York, N. Y. Oil dispensing device. 1,994,466; Mar. 19.
- Ernest, Albert, Chicago, Ill. Furniture. 1,997,577; Apr. 16.
- Ernest, William, Martinez, assignor of one-half to E. H. Bner, Associated, Calif. Stencil and marking ink. 2,002,939; May 28.
- Ernewein, George H., Buffalo, N. Y. Printing. 2,007,566; July 9.
- Ernst, Charles K. (See Adams, Lytle S., assignor.)
- Ernst, Hans. (See Nenninger, L. F., and Ernst.)
- Ernst, Hans, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Hydro-electric variable feed control. 1,996,465; Apr. 2.
- Ernst, Hans, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Pressure responsive hydraulic feed control mechanism. 1,996,466; Apr. 2.
- Ernst, Hans, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Electromagnetic hydraulic feed control. 1,996,467; Apr. 2.
- Ernst, Hans, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Electrical control for hydraulic motors. 1,996,468; Apr. 2.
- Ernst, Hans, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Differential hydraulic speed gear. 1,998,004; Apr. 16.
- Ernst, Hans, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Multiple hydraulic motor operation. 1,999,834; Apr. 30.
- Ernst, Hans, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,020,541; Nov. 12.
- Ernst, Hans, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Deflection variator. 2,020,773; Nov. 12.
- Ernst, Hans, C. W. M. Goodrich, and L. F. Nenninger, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Hydraulic feed control. 1,998,003; Apr. 16.
- Ernst, Hans, and C. W. M. Goodrich, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Viscosity compensating system. 2,005,731; June 25.
- Ernst, Hans, and L. F. Nenninger, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Hydraulically propelled machine tool. 2,019,486; Nov. 5.
- Ernst, Hans, and L. F. Nenninger, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Feed regulator for machine tools. 2,019,487; Nov. 5.
- Ernst, Hans, and B. Sassen, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Balanced pressure hydraulic circuit. 2,005,732; June 25.
- Ernst, Hans, and B. Sassen, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Leakage compensator for hydraulic systems. 2,006,311; June 25.
- Ernst, Hans, and B. Sassen, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Compensating bleeder valve. 2,006,312; June 25.
- Ernst, Hans, and L. F. Nenninger, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Machine tool. 2,010,355; Aug. 6.
- Ernst, Herman. (See Flammang, J., Bowser, and Ernst.)
- Ernst, Oliver H., Sr., Billings, Mont. Door latching device. 2,017,790; Oct. 15.
- Ernst, Victor C., assignor to The Full Tone Process Company, Cleveland, Ohio. Lenticular full tone reproducing screen. 1,991,888; Feb. 19.
- Ernst, Walter, and R. Thoreson, assignors to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Hydraulic press. 2,009,487; July 30.
- Ernst, Walter, assignor to The Hydraulic Press Mfg. Company, Mount Gilead, Ohio. Hydraulic pump or motor. 2,021,353; Nov. 19.
- Ernst, Walter, assignor to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. External adjustment for hydraulic pump bearings. 2,021,354; Nov. 19.
- Erospha, Inc. (See Wicha, Alois, assignor.)
- Erpel, Née, et al. (See Herre, Peter.)
- Errante, John, Vigfus, Mo. Coated article and making same. 1,989,089; Jan. 29.
- Errig, William F., Philadelphia, and G. M. Pfundt, Churchville, assignors to Peco Manufacturing Corporation, Philadelphia, Pa. Pipe cutter. 2,003,630; June 4.
- Errig, William F., Philadelphia, and G. M. Pfundt, Churchville, assignors to Peco Manufacturing Corporation, Philadelphia, Pa. Grooving device. 2,015,635; Sept. 24.
- Erschen, Charles F., and R. C. Jepertinger, assignors to Air Conditioning Equipment Corporation, Milwaukee, Wis. Air conditioning apparatus. 2,022,463; Nov. 26.
- Ershler & Krukin, Inc. (See Ershler, Samuel H., assignor.)
- Ershler, Samuel H., Woodcliff, assignor to Ershler & Krukin, Inc., West New York, N. J. Door construction. 1,992,524; Feb. 26.
- Erskine, Archibald M., Chatham, assignor to Krebs Pigment & Color Corporation, Newark, N. J. Organic coloring material comprising an azo compound and a naphthalene as a substratum. 2,013,092; Sept. 3.
- Erskine, Archibald M., Chatham, and A. Szeel, Hillside, assignors to Krebs Pigment & Color Corporation, Newark, N. J. Organic coloring material comprising azo compounds and hydrogenated rosins. 2,013,090; Sept. 3.
- Erskine, Archibald M., Chatham, and A. Szeel, Hillside, assignors to Krebs Pigment & Color Corporation, Newark, N. J. Organic coloring material comprising an azo compound and a petroleum sulphionate as the substratum. 2,013,091; Sept. 3.
- Erter, John H., Elizabeth, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Method of and apparatus for desulphurizing oil. 1,986,257; Jan. 1.
- Erter, John H., assignor to Alco Products Incorporated, New York, N. Y. Fractionating tower. 2,007,525; July 9.

- Ervin, Thomas C., Houston, Tex. Boiler casing. 1,986,258; Jan. 1.
- Erwin, Orlando R. (See Hoyt, C. E., and Erwin.)
- Erwin, Shannon A., Brea, Calif., assignor, by mesne assignments, to Scientific Engineering Company. Jar. 1,996,370; Apr. 2.
- Erwin, Shannon A., Brea, Calif., assignor, by mesne assignments, to Scientific Engineering Company. Deep well pump. 2,025,277; Dec. 24.
- Erz- und Kohle-Flotation Gesellschaft mit beschränkter Haftung. (See Schäfer, Wilhelm, assignor.)
- Esau, Charles, Chicago, Ill. Decoy tethering device. 1,994,097; Mar. 12.
- Escalante, Maximo, Summit, N. J. Combination drafting instrument. 2,016,489; Oct. 8.
- Escande, Jean R. A. F. (See Hatton, W., Haigh, and Escande.)
- Escaré, Charles M., Holloway, London, England. Plug for walls or the like. 1,997,513; Apr. 9.
- Esch, Joseph F., Port Neches, Tex., assignor to The Texas Company, New York, N. Y. Emulsion machine. 2,009,957; July 30.
- Eschenbach, Gustavus W., Los Angeles, Calif. Advertising apparatus. 1,993,339; Mar. 5.
- Escher Wyss Maschinefabriken, Aktiengesellschaft. (See Guyer, August, assignor.)
- Eskew, Hugh R., Wendel, W. Va. Wire splicer. 2,013,951; Sept. 10.
- Eskew, Roderick K., East Orange, N. J., assignor to Dupont Viscoloid Company, Wilmington, Del. Treating cellulose nitrate. 1,995,117; Mar. 19.
- Eskin, Samuel. (See Randolph, C. P., and Eskin.)
- Eskin, Samuel, Harbin, China, assignor to General Electric Company. Temperature control device. 2,024,153; Dec. 17.
- Eslick, Frederick M., Savannah, Ga. Rotor boat. 1,997,578; Apr. 16.
- Esmound Mills, The. (See Cobb, Boughton, assignor.)
- Espenschied, Lloyd, Hollis, N. Y. Railway signal system. 2,000,166; May 7.
- Espenschied, Lloyd, Kew Gardens, N. Y., and E. I. Green, East Orange, N. J., assignors to American Telephone and Telegraph Company. Wide band transmission system. 2,000,130; May 7.
- Espley, Dennis C., Hendon, assignor to The General Electric Company Limited, London, England. Device for controlling the power factor of a circuit. 1,993,924; Mar. 12.
- Esposito, John, Brooklyn, N. Y. Collar stiffener. 1,992,364; Feb. 26.
- Esselen, Gustavus J. (See Parkhurst, F. A., and Esselen.)
- Esselen, Gustavus J., Swampscott, Mass., assignor to The Specialty Guild, Inc., Convent, N. J. Coloring synthetic resin articles. 2,022,710; Dec. 3.
- Esseling, August T. (See Jonas, G. B., and Esseling.)
- Esser, Heinrich, Hilden, Germany. Producing an end thickening in tubular bodies made by rolling with skew rolls. 1,999,324; Apr. 30.
- Esser, Heinrich, Hilden, Germany. Method and apparatus for welding tubes. 2,017,397; Oct. 15.
- Esser, Heinrich, Hilden, Germany. Producing industrial iron by means of iron sponge. 2,018,300; Oct. 22.
- Esser, Heinrich, Hilden-Rheinland, Germany. Manufacture of seamless tubes. 2,023,727; Dec. 10.
- Esser, Martin, assignor to John Harsch Bronze Foundry Co., Cleveland, Ohio. Metallic frame. 2,015,447; Sept. 24.
- Esser, Martin, assignor to John Harsch Bronze Foundry Co., Cleveland, Ohio. Window sash construction. 2,015,448; Sept. 24.
- Essex Wire Corporation. (See Elliott, Howard A., assignor.)
- Essex Wire Corporation. (See Paluchnick, Joseph, assignor.)
- Essig, Sanford F., Philadelphia, Pa., assignor to Radio Corporation of America. Oxidizing electrode structure. 2,020,305; Nov. 12.
- Estate Stove Company, The. (See Kahn, Bertrand B., assignor.)
- Estate Stove Company, The. (See Kahn, B. B., and Bradbury, assignors.)
- Esterbrook Steel Pen Manufacturing Co., The. (See Ashmore, Leon H., assignor.)
- Esterling, William M., Long Beach, assignor of fifteen per cent to H. Walters, fifteen per cent to M. P. Walters, five per cent to C. Kling, and/or Ida M. Kling, eighteen per cent to B. M. Cone, two per cent to Z. B. West and F. G. West, known as West & West and twenty per cent to R. F. Wussow, Santa Ana, Calif. Oil burner. 2,003,827; June 4.
- Esterson, Albert A., assignor to Cat's Paw Rubber Company, Inc., Baltimore, Md. Carton for rubber heels and the like. 2,005,135; June 18.
- Esterson, Jack F., Baltimore, Md. Shoe heel. 2,002,087; May 21.
- Esterson, Jack F., Baltimore, Md. Shoe heel. 2,009,082; July 23.
- Estes, J. Edmund, Barrington, R. I. Mop. 1,986,924; Jan. 8.
- Estey, J. Royden, et al. (See Fisher, Franklin C., assignor.)
- Estler, Harry S., assignor of fifty-five per cent to C. L. Boyle and thirty per cent to W. Jabine, Detroit, Mich. Detergent dispenser. 1,988,000; Jan. 15.
- Estler, Harry S., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Apparatus for lubrication. 2,020,678; Nov. 12.
- Estlinbaum, W. D., et al. (See Alley, Thomas R., and J. D., assignors.)
- Estrada, Santiago, E. Mauri, and A. Ivey, Habana, Cuba. Apparatus for extracting the milk of a cocoanut. 1,992,479; Feb. 26.
- Etablissements Jacob Delafon Compagnie Ceramique de Pouilly-sur-Saone et Belvoje. (See Mallet, C., and Couëtoux, assignors.)
- Etablissements A. Derome, (Société Anonyme). (See Derome, Pierre L., assignor.)
- Etablissements E. & M. Lamort Fils. (See Lamort, Marcel, assignor.)
- Eternal Calendar Corporation. (See Turnbaugh, Elbert L., assignor.)
- Etges, John J., Chicago, Ill. Lifter for pie plates, baking dishes, etc. 2,024,346; Dec. 17.
- Etheridge, Harry, Zelenople Borough, Pa. Railway track structure. 2,004,369; June 11.
- Etheridge, Herbert, Rodelheim, near Frankfort-on-the-Main, assignor to the firm Torpedo-Werke Aktiengesellschaft Fahräder und Schreibmaschinen, Rodelheim, near Frankfort-on-the-Main, Germany. Typewriter. 2,018,058; Oct. 22.
- Ethical Display Co. Inc. (See Bernstein, M., and Dubroff, assignors.)
- Ethridge, Albert S., assignor to Hummel & Downing Co., Milwaukee, Wis. Box structure. 2,004,197; June 11.
- Etnyre, E. D., & Company. (See Etnyre, George M., assignor.)
- Etnyre, George M., assignor to E. D. Etnyre & Company, Oregon, Ill. Distributor for asphalt and like liquids. 2,011,894; Aug. 20.
- Eto, Hiroshi, Tokyo, Japan, assignor to General Electric Company. Metallic cabinet structure. 2,002,366; May 21.
- Etten, Nicholas L., Waterloo, Iowa. Wringer mechanism. 1,993,091; Mar. 5.
- Etten, Nicholas L., Waterloo, Iowa, assignor, by mesne assignments, to Chamberlain Corporation. Heater for laundry ironers. 2,004,430; June 11.
- Etti, Joseph, Plainfield, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y. Tape handling apparatus. 1,994,638; Mar. 19.
- Etzel, Walter T., Philadelphia, Pa. Valvular filler spout. 2,008,299; July 16.
- Etzel, Walter T., Philadelphia, Pa. Valvular filler spout. 2,024,631; Dec. 17.
- Etzkorn, Rudolf, Oberbruch, Germany, assignor to North American Rayon Corporation, New York, N. Y. Manufacture of artificial filaments. 1,990,897; Feb. 12.
- Etzkorn, Rudolf, Oberbruch, Regierungsbezirk, Aachen, Germany. Thread guide. 2,012,906; Aug. 27.
- Etzkorn, Rudolf, Oberbruch, Germany, assignor to North American Rayon Corporation, New York, N. Y. Apparatus for the manufacture of artificial silk and the like. 1,992,928; Feb. 26.
- Eubank, William S., Philadelphia, Pa. Refrigerating apparatus. 2,019,296; Oct. 29.
- Euclid Crane & Hoist Company, The. (See Armington, Arthur P., assignor.)
- Euclid Road Machinery Company, The. (See Armington, Stewart F., and G. E., assignors.)
- Eugene, Ltd. (See Durham, H. N., and Finnegan, assignors.)
- Eugene, Ltd. (See Durham, Hobart N., assignor.)
- Eugene, Ltd. (See Suter, Eugene F., assignor.)
- Eugster, Edward J. P., London, England. Mineral water siphon bottle. 2,019,404; Oct. 29.
- Eulenstein, Fritz, Cologne-on-the-Rhine, and A. Krus, Sturzelberg über Neuss, assignors to "Sachtleben" Aktiengesellschaft für Bergbau und Chemische Industrie, Cologne-on-the-Rhine, Germany. Treating zinciferous iron ores. 2,011,400; Aug. 13.
- Eureka Machinery Company (Limited) Trust Estate. (See Linn, Robert, assignor.)
- Eureka Manufacturing Company. (See Gebelein, Ernest G., assignor.)
- Eureka Vacuum Cleaner Company. (See Aitken, Alexander, assignor.)
- Eureka Vacuum Cleaner Company. (See Hemrich, Rudolf, assignor.)
- Eustege, Thomas P. (See Bedell, H. G., Eustege and Brown.)
- Eustis, Robert I., assignor of one-half to M. Nelson, Los Angeles, Calif. Drawer slide. 2,012,530; Aug. 27.
- Eustis, Warner, Newton, assignor to The Kendall Company, Walpole, Mass. Elastic fabric. 2,021,352; Nov. 19.
- Euth, John E., Cincinnati, Ohio, assignor to The United Autographic Register Company, Chicago, Ill. Web aligning device. 1,988,195; Jan. 15.
- Euth, John E., assignor to United Autographic Register Co., Chicago, Ill. Duplicating machine. 1,990,276; Feb. 5.
- Euth, John E., assignor to United Autographic Register Co., Chicago, Ill. Duplicating machine. 2,014,884; Sept. 17.
- Evans, Alexander H., Cheadle, and C. N. Fletcher, Cheadle-Hulme, England. Apparatus for hardening hack-saw blades and the like. 1,988,869; Jan. 22.

- Evans, Archibald D., assignor to The Wean Engineering Company, Incorporated, Warren, Ohio. Method and apparatus for feeding. 1,996,913; Apr. 9.
- Evans, Archibald D., assignor to The Wean Engineering Company, Incorporated, Warren, Ohio. Shear. 2,014,248; Sept. 10.
- Evans, Bernal C., Fort Wayne, Ind., assignor to General Electric Company, Bushing. 2,004,784; June 11.
- Evans Case Company. (See Bates, Arthur, assignor.)
- Evans Case Company. (See Blair, Robert S., assignor.)
- Evans Case Company. (See Gibson, Thomas M., assignor.)
- Evans Case Company. (See Johnson, Iver M., assignor.)
- Evans Case Company. (See Lagerholm, Carl J., assignor.)
- Evans Case Company. (See Reilly, Alfred F., assignor.)
- Evans, Charles E., Aurora, Ill. Grinding or polishing machine. 1,988,649; Jan. 22.
- Evans, Charles S. (See Starrett, Wendelin D., assignor.)
- Evans, Charles S., Oakland, assignor to Fibreboard Products, Inc., San Francisco, Calif. Container and stacking the same. 2,013,712; Sept. 10.
- Evans, Charles T. (See Anderson, J. L., and Evans.)
- Evans, Clarence T., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Snap operating mechanism. 2,000,322; May 7.
- Evans, David F. (See Gladding, E. K., and Evans.)
- Evans, David J., Tonbridge, England. Electrolytic cell. 1,996,799; Apr. 9.
- Evans, E. S., & Sons. (See Evans, Robert B., assignor.)
- Evans, Earl R., Washington, D. C. Lightning arrester. 2,011,548; Aug. 13.
- Evans, Edwin R., Chicago, Ill. Construction for vehicle brakes. 2,006,633; July 2.
- Evans, Edwin R., and E. A. Rockwell, Chicago, Ill. Emergency slack take-up device. 2,006,634; July 2.
- Evans, Edwin R., Cleveland, Ohio. Construction for vehicle brakes. 2,015,716; Oct. 1.
- Evans Flexible Reamer Corporation. (See Evans, William H., assignor.)
- Evans, Francis C., Brighton, England. Refuse treating apparatus. 1,986,719; Jan. 1.
- Evans, Gordon M., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,015,515; Sept. 24.
- Evans, Harry L., assignor to M. S. Evans, Plainfield, N. J. Scoring unit for golf practice range. 2,011,146; Aug. 13.
- Evans, Harry L., Newport, R. I., and G. I. Hohl, Brooklyn, N. Y., assignors to Cartoning Machinery Corporation, Newport, R. I. Wrapping machine. 2,024,438; Dec. 17.
- Evans, Job McG., and O. R. Yerington, North Kansas City, Mo. Tobacco press. 2,000,382; May 7.
- Evans, John G., and L. G. Lawrie, Blackley, Manchester, Westminster, England, assignors to Imperial Chemical Industries Limited, Westminster, England. Stripping and discharging dyed textiles. 2,003,928; June 4.
- Evans, John G., and L. G. Lawrie, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Stripping agent. 2,019,124; Oct. 29.
- Evans, Leigh R., Elmira, assignor to Keybolt Appliance Company, Elmira, N. Y. Key bolt. 2,021,231; Nov. 19.
- Evans, Mary S. (See Evans, Harry L., assignor.)
- Evans Products Company. (See Friedlaender, Leo I., assignor.)
- Evans Products Company. (See Tobin, Kenneth J., assignor.)
- Evans, Ralph B., Tulsa, Okla. Gas burner. 2,026,027; Dec. 31.
- Evans, Ralph L., assignor to Zotos Corporation, New York, N. Y. Hair waving pad. 2,020,826; Nov. 12.
- Evans, Raymond, Washington, D. C., assignor to A. M. Hyde, as Secretary of Agriculture of the United States of America. Recording and projecting sound on film apparatus. 1,999,754; Apr. 30.
- Evans, Richard J., Jr., Bauer, Utah. Abrasion-resistant lining with supporting structure. 2,024,439; Dec. 17.
- Evans, Robert B., Detroit, Mich., assignor to E. S. Evans & Sons. Windshield wiper arm connection. 1,986,962; Jan. 8.
- Evans, Robert D., Swissvale, and R. T. Earle, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Master breaker protective system. 1,997,634; Apr. 16.
- Evans, Robert D. Swissvale, and W. A. Lewis, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Relaying system with directional indication storage. 2,005,136; June 18.
- Evans, Roland D., Granite City, Ill., assignor to Handlan-Buck Manufacturing Company, St. Louis, Mo. Lantern. 2,003,352; June 4.
- Evans, Ronald C., Elgin, Ill., assignor to Municipal Appliance Company, New York, N. Y. Eductive unit for cleaning catch basins. 2,010,538; Aug. 6.
- Evans, Ronald C., Elgin, Ill., assignor to Municipal Appliance Company, New York, N. Y. Hose reel assembly. 2,010,539; Aug. 6.
- Evans, Ronald C., Elgin, Ill., assignor to Municipal Appliance Company, New York, N. Y. Cleaning catch basins. 2,010,540; Aug. 6.
- Evans, Ronald K., Russelsheim-on-the-Main, Germany, assignor to General Motors Corporation, Detroit, Mich. Engine mounting. 2,022,111; Nov. 26.
- Evans, Seth, assignor to Hughes Tool Company, Houston, Tex. Plunger lift device. 1,993,266; Mar. 5.
- Evans, Seth, assignor to Hughes Tool Company, Houston, Tex. Plunger. 2,018,205; Oct. 22.
- Evans, Seth, assignor to Hughes Tool Company, Houston, Tex. Plunger lift with inserted outlet. 2,024,850; Dec. 17.
- Evans, Seth, and H. B. Woods, assignors to Hughes Tool Company, Houston, Tex. Plunger construction. 2,018,204; Oct. 22.
- Evans Stamping and Plating Company. (See Robertson, Charles J., assignor.)
- Evans, Sylvester M., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Production of furoyl substituted mercaptobenzothiazoles. 2,020,051; Nov. 5.
- Evans, Theodore. (See Edlund, K. R., and Evans.)
- Evans, Theodore, Oakland, and K. R. Edlund, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Mixed tertiary ethers. 2,010,356; Aug. 6.
- Evans, Thomas, Jackson, Ohio. Staple puller. 1,986,191; Jan. 1.
- Evans, Walter P., and J. H. Rawson, Huntington Park, Calif. Brake lining applicator. 1,990,642; Feb. 12.
- Evans, Will, Hawthorne, Calif. Mop. 2,003,286; June 4.
- Evans, William A., assignor of one-half to H. V. Morley, and W. L. Morris, New York, N. Y. Heel insert. 2,011,174; Aug. 13.
- Evans, William A., Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone substation apparatus. 2,019,601; Nov. 5.
- Evans, William H., assignor to Evans Flexible Reamer Corporation, Chicago, Ill. Expansion reamer. 1,989,476; Jan. 29.
- Evans, William L. et al. (See Horkavi, Michael J., assignor.)
- Evans, William L., Washington, Ind. Electric heater. 1,995,673; Mar. 26.
- Evans, William W., et al., executors. (See Berg, O., Imhoff, and Heiberg.)
- Evans, Willie, London, England. Pianoforte and like mechanically operated string instrument. 2,017,959; Oct. 22.
- Evans, Wilson, Hinsdale, G. J. Fink, La Grange, and H. A. Kern, Hinsdale, assignors to National Aluminate Corporation, Chicago, Ill. Composition for treating the liquid contents of heating and cooling systems. 1,986,963; Jan. 8.
- Evenden, George A., and G. F. Wilson, Hamilton, Ontario, Canada. Life saving device. 2,012,742; Aug. 27.
- Evenson, Charles R., et al. (See Warren, John R., assignor.)
- Everatt, Reginald W. (See Rodd, E. H., and Everatt.)
- Everett, Clarence A., Moorpark, Calif. Lug box handle. 2,025,160; Dec. 24.
- Everett, Edward A., Long Island City, N. Y. Lightning arrester. 1,988,650; Jan. 22.
- Everett, Edward A., Long Island City, N. Y. Lightning arrester. 1,995,737; Mar. 26.
- Everett, Edward A., Long Island City, N. Y. Lightning arrester. 2,012,342; Aug. 27.
- Everett, Joyce O., assignor to The Buckeye Machine Company, Lima, Ohio. Engine cut-off. 1,989,230; Jan. 29.
- Everett, Norah E., London, England. Surgical and like needle and its manufacture. 2,022,234; Nov. 26.
- Everett, Samuel J., Thornton Heath, England. Surgical suture and needle. 2,014,170; Sept. 10.
- Everett, Samuel J., Thornton Heath, England. Hypodermic syringe. 2,016,631; Oct. 8.
- Everett, Silas, Atlantic Beach, Long Island, N. Y. Yarn. 2,005,539; June 18.
- Everhart, George S., Terre Haute, Ind. Bottle carrier. 1,995,280; Mar. 19.
- Everitt, Byron F., assignor, by mesne assignments, to Briggs Manufacturing Company, Detroit, Mich. Sewing mechanism. 1,989,919; Feb. 5.
- Everitt, George E., Decatur, Ga. Combination service table, drain, and conveyor. 2,022,591; Nov. 26.
- Everlasting Valve Company. (See Wilson, Wylie G., assignor.)
- Evermoist Razor Company. (See Merriman, Isaac B., assignor.)
- Evernden, Ernest C. W., Verdun, Quebec, Canada. Hockey stick. 2,023,728; Dec. 10.
- Evers, Adolph F., Jr., Denton, Tex. Water cooling device. 1,994,698; Mar. 19.
- Evers, Erich. (See Herrmann, W., and Evers.)
- Evers, Harry G., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,008,903; July 23.
- Evers, Harry G., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,022,503; Nov. 26.
- Eversole, James F., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Oxidation catalyst. 1,995,274; Mar. 19.
- Eversole, James F., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Dehydrogenation of methanol. 2,010,427; Aug. 6.
- Everston, Joseph H., Milwaukee, Wis. Shoe. 2,001,821; May 21.
- Evinrude, Ole, assignor to Outboard Motors Corporation, Milwaukee, Wis. Combination sander and jointer. 2,001,955; May 21.
- Evr-Klean Seat Pad Company. (See Holderbach, George, assignor.)
- Eulich, Anton, Newark, Calif. Doorstop. 2,011,215; Aug. 13.

- Evulich, Anton, Oakland, Calif. Doorstop. 2,015,622; Sept. 24.
- Ewald, Mark, Olympia, Wash., assignor to Special Equipment Company, Portland, Oregon. Peeling machine and process. 1,015,666; Oct. 1.
- Ewald, Mark, Olympia, Wash., assignor to Special Equipment Company, Portland, Oreg. Peeling machine. 1,987,611; Jan. 15.
- Ewald, Mark, Olympia, Wash., assignor to Special Equipment Company, Portland, Oreg. Slicer and peeler. 1,989,090; Jan. 29.
- Ewald, Waldemar. (See Rantsch, K., and Ewald.)
- Ewald, Warren, assignor, by mesne assignments, to The Buckeye Blower Company, Columbus, Ohio. Radiator. 1,997,818; Jan. 16.
- Ewan, Thomas, and R. J. Lemmon, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Treating cyanide solutions. 1,992,060; Feb. 19.
- Eward, Harold D., Fort Wayne, Ind. Ice receptacle. 2,012,159; Aug. 20.
- Ewart, Elliott S., St. Clair Shores, and A. W. Bull, Grosse Pointe, Mich., assignors to United States Rubber Company, New York, N. Y. Pneumatic tire. 2,006,197; June 25.
- Ewend, Walter H., Oak Park, Ill. Vehicle storage device. 2,009,579; July 30.
- Ewest, Hans. (See Pirani, M. Ewest, and Gaidies.)
- Ewest, Hans, Berlin-Lichterfelde, Ost, Germany, assignor to General Electric Company. Gaseous electric discharge lamp device. 2,009,223; July 23.
- Ewest, Hans, Berlin, and G. Gaidies, Berlin-Pankow, Germany, assignors to General Electric Company. Gaseous electric discharge device. 1,990,171; Feb. 5.
- Ewest, Hans, Berlin-Lichterfelde-Ost, and A. Rüttenauer, Berlin-Halensee, Germany, assignors to General Electric Company. Gaseous electric discharge device. 1,994,306; Mar. 12.
- Ewing, Henry. (See Fulton, S. M., Armett, and Ewing.)
- Excel Curtain Company. (See Holt, T. W., and Levan, assignors.)
- Ewing, Hugh W., Chicago, Ill. Incinerator control. 2,002,659; May 28.
- Ewing, Sydney E. T., and J. L. Willey, Johannesburg, Transvaal, Union of South Africa. Separating solid particles. 1,997,514; Apr. 9.
- Exact Weight Scale Company, The. (See Flanagan, Thomas B., assignor.)
- Exact Weight Scale Company. (See Scheurer, William A., assignor.)
- Excel Curtain Company. (See Holt, T. W., and Levan, assignors.)
- Excel Curtain Company. (See Levan, John F., assignor.)
- Excel Taping Machine Co. (See Olsen, Carl A., assignor.)
- Ex-Cell-O Aircraft & Tool Corporation. (See Alden, Carroll R., assignor.)
- Ex-Cell-O Aircraft & Tool Corporation. (See Birkebak, Christian A., assignor.)
- Exley, Frederick, assignor of one-half to W. Casey, Providence, R. I. Stop motion for fiber strand preparation machines. 2,007,643; July 9.
- Exner, Donald W., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 2,015,553; Sept. 24.
- Exotic Vanities, Inc. (See Buscham, Christian A., assignor.)
- Expanded Metal Company Limited, The. (See Melsom, Sydney W., assignor.)
- Experimental Laboratories Incorporated. (See Dunham, Clayton A. and A. R., assignors.)
- Explorator, A. G. (See Silbermann, Eugen, assignor.)
- Externa S. A. (See Uher, E., assignor and Frankel.)
- Extruded Metal Products Company. (See Williams, Stephen L., assignor.)
- Exum, Marion W., East St. Louis, Ill. Trap. 1,990,861; Feb. 12.
- Ey, Victor, New York, N. Y. Pressure regulating and filtering device for fluids. 2,003,828; June 4.
- Ey, Victor, New York, N. Y. Pressure gauge. 2,017,435; Oct. 15.
- Eycleshymer, Harold D., Niles, Mich. Animal trap. 1,992,294; Feb. 26.
- Eyedoll Corporation. (See Kalner, S., and Cohn, assignors.)
- Eyer, Carl. (See Krauch, C., Eyer, Baetz, and Korn.)
- Eyer, Philipp, Halberstadt, Germany. Producing enameled iron articles. 2,016,322; Oct. 8.
- Eyerly, Leaman U., Salem, Oreg. Amusement device. 1,987,004; Jan. 8.
- Eymann, Constanx, Essen-Ruhr, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Removing hydrogen sulphide from gases containing ammonia and hydrogen sulphide. 2,002,365; May 21.
- Eynard, Elysee M., Boulogne-Billancourt, France. Hydraulic engine. 2,006,237; June 25.
- Eynon, James H., Bath, N. Y. Lubricating connections between connecting rod, piston, and crankshaft. 2,005,028; June 18.
- Eynon, Thomas A., Scranton, Pa. Puzzle frame. 2,003,072; May 28.
- Eyre, John V., and H. Langwell, Epsom, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Making an aldol condensation product. 2,016,630; Oct. 8.
- Eyssartier, Georges, Arcachon, France. Device preventing the backfire in internal combustion engines. 2,012,000; Aug. 20.
- Ezell, De Witt, Nashville, Tenn. Fish snatcher. 1,989,407; Jan. 29.
- Ezell, Floy H., Sanger, assignor of one-third to B. F. Gentle, Dallas, and one-third to J. D. Cornett, Sanger, Tex. Coupling. 2,001,244; May 14.
- F. & N. Lawn Mower Company, The. (See Lontz, Harry R., assignor.)
- F. R. J. Sales Company. (See Behm, Albert W., assignor.)
- Fabart Instrument Company. (See Fabrice, Edward H., assignor.)
- Fabbrica Italiana Magneti Morelli Societe Anonima. (See Quintavalle, Umberto, assignor.)
- Faber, Albert F., Jr., Brooklyn, N. Y. Valve for internal combustion engines. 1,993,155; Mar. 5.
- Faber, Eberhard, Pencil Company. (See Maucher, Hans W., assignor.)
- Faber Engineering Company. (See Faber, L. D., and Carroll, assignors.)
- Faber, Ernst, Stuttgart, Germany. Vacuum cleaner. 2,008,067; July 16.
- Faber, Guy S., assignor to General Regulator Corporation, Chicago, Ill. Propeller. 2,003,073; May 28.
- Faber, Guy S., assignor to General Regulator Company, Chicago, Ill. Ventilator. 2,021,684; Nov. 19.
- Faber, Karl, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt near Berlin, Germany. Circuit arrangement for neon lamps in telephone systems. 1,993,880; Mar. 12.
- Faber, Leon D., and C. J. Carroll, assignors to Faber Engineering Company, Philadelphia, Pa. Method of and apparatus for treating textile and other materials. 2,023,013; Dec. 3.
- Fabian, Vincent J., Washington, D. C. Vacuum-tube amplifier circuit. 2,012,381; Aug. 27.
- Fabreka Products Company. (See Brennan, W. P., and Dwyer, Jr., assignors.)
- Fabrice, Edward H., assignor to Fabart Instrument Company, Chicago, Ill. Sheet metal drawing machine. 1,987,101; Jan. 8.
- Fabrics, Incorporated. (See Haynes, R. E., Keener, and Hill, assignors.)
- Fabrique des Longines, Franchillon & Cie., S. A. (See Scheidegger, Jean, assignor.)
- Fabriques D'Horlogerie Thommen S. A. (See Straumann, Reinhard, assignor.)
- Fabriques de Produits de Chimie Organique de Laire, Societe Anonyme. (See Armentault, René, assignor.)
- Fabriques de Produits de Chimie Organique de Laire, Societe Anonyme. (See Malet, J., and Armentault, assignors.)
- Fabry, W. H. (See Wread, William E., assignor.)
- Faccini, Enrique J., and J. Capra, Buenos Ayres, Argentina. Apparatus for burning heavy fuel oils. 2,004,275; June 11.
- Factor, Frank, Beverly Hills, assignor to Max Factor & Co., Los Angeles, Calif. Grease paint. 2,025,943; Dec. 31.
- Factor, Max, & Co. (See Factor, Frank, assignor.)
- Faerber, Eduard, Heidelberg, and H. Koch and H. Urban, assignors to Holzhydrolyse, Aktiengesellschaft, Mannheim-Rheinau, Germany. Purifying carbohydrate solutions obtained in the saccharification of cellulose-containing materials. 1,997,545; Apr. 9.
- Faerber, Maria, New York, N. Y. End-shoe for curtain-holders and the like. 1,994,068; Mar. 12.
- Fafnir Bearing Company, The. (See Betz, William C., assignor.)
- Fafnir Bearing Company, The. (See Chamberlain, James R., assignor.)
- Fafnir Bearing Company, The. (See Comstock, Clarence A., assignor.)
- Fafnir Bearing Company, The. (See Searles, Raymond R., assignor.)
- Fafnir Bearing Company, The. (See Smith, John W., assignor.)
- Fagan, Charles D., Sharon, assignor to Sharpsville Boiler Works Co., Sharpsville, Pa. Liquid flow indicator. 1,998,495; Apr. 23.
- Fagan, Charles D., Sharon, assignor to Sharpsville Boiler Works Co., Sharpsville, Pa. Liquid dispensing system. 2,020,112; Nov. 5.
- Fagan, James M. (See Gustin, D. S., and Fagan.)
- Fagan, Lewis E., Chicago, and A. B. Mojonnier, River Forest, Ill., assignors to Mojonnier Bros. Co. Bottle cap. 1,992,693; Feb. 26.
- Fageol, Frank R. (See Fageol, William B., and F. R.)
- Fageol, Frank R. and W. B., Kent, Ohio. Fare collection method and apparatus. 2,003,257; May 28.
- Fageol, Rollie B., Los Angeles, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Dual drive road vehicle. 1,992,365; Feb. 26.
- Fageol, Rollie B., Los Angeles, Calif., assignor, by mesne assignments to Automotive Engineering Corporation. Multiwheel road vehicle. 2,006,800; July 2.
- Fageol, Rollie B., Los Angeles, and H. Taylor, Pasadena, Calif. Fruit juice extracting press. 2,010,629; Aug. 6.
- Fageol, Rollie B., Los Angeles, Calif. Fruit juice extracting apparatus. 2,010,630; Aug. 6.
- Fageol, William B. (See Fageol, Frank R., and W. B.)
- Fageol, William B., Kent, Ohio. Motor vehicle control. 2,003,431; June 4.

- Fageol, William B., Kent, Ohio. Low bed delivery truck. 2,018,443; Oct. 22.
- Fageol, William B., assignor to Twin Coach Company, Kent, Ohio. Trackless trolley vehicle. 1,988,073; Jan. 15.
- Fageol, William B., assignor to Twin Coach Company, Kent, Ohio. Headlight mounting for motor vehicles. 2,007,599; July 9.
- Fageol, William B., assignor to Twin Coach Company, Kent, Ohio. Universal joint construction. 2,025,502; Dec. 24.
- Fageol, William B., and F. R., assignors to Twin Coach Company, Kent, Ohio. Dumping vehicle. 1,996,540; Apr. 2.
- Fahlman, Everett G., assignor to The Permold Company, Cleveland, Ohio. Rotor for electric motors. 2,003,587; June 4.
- Fahlman, Everett G., assignor to The Permold Company, Cleveland, Ohio. Cylinder head. 2,013,627; Sept. 3.
- Fahlman, Everett G., Rocky River, assignor to The Permold Company, Cleveland, Ohio. Cylinder head for internal combustion engines. 2,010,782; Aug. 6.
- Fahnestock, Adam B., Manhasset, N. Y., assignor to The Standard Stoker Company, Incorporated. Mechanical stoker. 1,992,061; Feb. 19.
- Fahrenbruch, George H., Sheridan, Wyo. Safety support for brake rods. 2,012,870; Aug. 27.
- Fahrenwald, Frank A., Chicago, Ill. Nonbuckling damper for high temperature flues. 1,991,016; Feb. 12.
- Fahrenwald, Frank A., Chicago, Ill. Subdivided roller bottom for sheet normalizing furnaces. 2,023,126; Dec. 3.
- Fahrney, Callo D., Cambridge, Mass. Television receiver. 2,021,889; Nov. 26.
- Fahrney, Emery H., Oak Park, Ill. Hydraulic clutch. 2,002,367; May 21.
- Fahrney, Emery H., Oak Park, Ill. Hydraulic clutch. 2,018,014; Oct. 22.
- Fahrney, Emery H., Oak Park, Ill. Meter reading camera. 2,018,015; Oct. 22.
- Fahrney, Emery H., Chicago, Ill., and A. C. Ziebell, Oshkosh, Wis. Inboard power unit. 2,022,652; Dec. 3.
- Fahnoe, Hans F. (See Maslin, A. J., Fahnoe, and Schaffer.)
- Fallor, Charles W. (See Blosser, H. G., and Fallor.)
- Fabs, John L. (See Harris, C. R., and Fabs.)
- Falle, Fred G., assignor to The Leonard Electric Manufacturing Company, Cleveland, Ohio. Fuse clip tightener. 1,991,607; Feb. 19.
- Failla, Giacchino, New York, N. Y. Effecting therapeutic implantations. 2,009,393; July 30.
- Fallor, Charles W., Forest Hills Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,991,086; Feb. 12.
- Fain, Jacob M. (See Hixson, A. W., and Fain.)
- Fain, S. Lee. (See Fain, Walter C., assignor.)
- Fain, Walter C., Washington, D. C., assignor to S. Lee Fain, Norfolk, Va. Concealable furnishings. 2,023,356; Dec. 3.
- Fairbairn Lawson Combe Barbour Limited. (See Gow, Arthur R., assignor.)
- Fairbairn Lawson Combe Barbour Limited. (See Sufferin, Walter S., assignor.)
- Fairbanks, E. and T., and Company. (See Barrett, Karl E., assignor.)
- Fairbanks, E. and T., and Company. (See Bousfield, Alfred, assignor.)
- Fairbanks, E. and T., and Company. (See Howard, Alfred C., assignor.)
- Fairbanks, Morse & Co. (See Anderson, Gordon R., assignor.)
- Fairbanks, Morse & Co. (See Anderson, William F., assignor.)
- Fairbanks, Morse & Company. (See Cox, Henry G., assignor.)
- Fairbanks, Morse & Co. (See Goldberg, M. J., and Ciechanow, assignors.)
- Fairbanks, Morse & Co. (See Heath, William C., assignor.)
- Fairbanks, Morse & Co. (See Hobart, Franklin G., assignor.)
- Fairbanks, Morse & Co. (See Lack, Arnold S., assignor.)
- Fairbanks, Morse & Co. (See MacNeille, Martin B., assignor.)
- Fairbanks, Morse & Co. (See McMullen, Vincent E., assignor.)
- Fairbanks, Morse & Co. (See Petersen, Eyvind W., assignor.)
- Fairbanks, Morse & Co. (See Petersen, E. W., and Singer, assignors.)
- Fairbanks, Morse, & Co. (See Reis, Curt F., assignor.)
- Fairbanks, Morse & Company. (See Rix, Milton H., assignor.)
- Fairbanks, Morse & Co. (See Schnaitter, Edgar J., assignor.)
- Fairbanks, Morse & Co. (See Schneider, Heinrich, assignor.)
- Fairbanks, Morse & Company. (See Schou, Theodor, assignor.)
- Fairbanks, Morse & Co. (See Straube, Raymond C., assignor.)
- Fairbanks, Morse & Co. (See Whitsitt, W. B., and Walter, assignor.)
- Fairchild Aerial Camera Corporation. (See Gaty, John P., assignor.)
- Fairchild, Alexander H., Birmingham, assignor of one-half to G. N. Lemmon, Homewood, Ala. Facilitating the training of typists. 2,012,001; Aug. 20.
- Fairchild Aviation Corporation. (See Davis, Walter F., assignor.)
- Fairchild, Donald H., Salt Lake City, Utah, assignor of one-half to J. P. Neeley, E. L. Patten, and H. B. Sprague. Flotation apparatus. 1,988,351; Jan. 15.
- Fairchild, Oscar H., assignor to Universal Oil Products Company, Chicago, Ill. Hydrometer. 2,023,196; Dec. 3.
- Fairchild, Raymond E., Palm Springs, Calif. Toilet-bowl ventilator. 2,023,127; Dec. 3.
- Fairchild, Stephen J., Pasadena, assignor to Food Machinery Corporation, San Jose, Calif. Sorting table. 1,990,227; Feb. 5.
- Fairchild, Walter H., assignor to The Baltimore Paper Box Company, Baltimore, Md. Foldable box. 1,991,347; Feb. 12.
- Fairey Aviation Company Limited, The. (See Forsyth, Archibald G., assignor.)
- Fairfax Specialties Corporation. (See Edison, Theodore M., assignor.)
- Fairgrieve, Albert D., Vancouver, British Columbia, Canada. Fighting toy. 2,002,026; May 21.
- Fairless, D. Odell. (See Fairless, Victor H., assignor.)
- Fairless, Victor H., Detroit, Mich., assignor to D. Odell Fairless, Trenton, Tenn. Cotton picker's sack. 1,996,956; Apr. 9.
- Fairley, Tallaferro J., Alexandria, assignor of one-half to W. J. Hunter and one-half to M. P. Hunter, Shreveport, La. Coating. 1,986,049; Jan. 1.
- Fairley, Tallaferro J., Alexandria, assignor of one-half to W. J. Hunter and one-half to M. P. Hunter, Shreveport, La. Treating rubber. 1,986,050; Jan. 1.
- Fairley, Tallaferro J., Alexandria, assignor of one-half to W. J. Hunter and one-half to M. P. Hunter, Shreveport, La. Gum. 1,988,051; Jan. 1.
- Fairmount Glass Works, Inc. (See Ferguson, John, assignor.)
- Fairmont Railway Motors, Inc. (See Kasper, Walter F., assignor.)
- Fairmont Railway Motors, Inc. (See Protzeller, Harry W., assignor.)
- Fairmount Glass Works. (See Ferguson, John, assignor.)
- Fairmount Glass Works, Inc. (See Ferguson, John, assignor.)
- Fairplay Caramels, Inc. (See Sergeant, Walter H., assignor.)
- Fairweather, David A. W., and R. F. Thomson, Grange-mouth, Scotland. Azo derivatives and their use in dyeing. 2,014,428; Sept. 17.
- Fairweather, David A. W., Falkirk, and J. Thomas, Polmont, Scotland, assignors to Scottish Dyes Limited. Enolic ethereal salts derived from indanthrone. 2,019,530; Nov. 5.
- Faistenhammer, Max, Binghamton, N. Y. Puttyless glass roof. 2,022,541; Nov. 26.
- Faitelowitz, Arnold. (See Lippmann, L. M., and Faitelowitz.)
- Fakkema, Mark, Chicago, Ill. Visible card receptacle. 1,990,980; Feb. 12.
- Falck, Knute. (See Jensen, O., and Falck.)
- Falcon, William V., assignor to J. A. Stratton, Detroit, Mich. Removable clothesline pole. 1,991,087; Feb. 12.
- Falconbridge Nickel Mines Limited. (See Grönningseater, Anton M., assignor.)
- Falconer, Robert, and E. Collignon, Guadalajara, Mex. Gas producing apparatus. 2,021,055; Nov. 12.
- Falconer, Stuart A. (See Christmann, L. J., and Falconer.)
- Faldini, Mario, assignor to Società Italiana Pirelli, Milan, Italy. Manufacture of porous rubber. 2,017,398; Oct. 15.
- Falek, Oskar. (See Wallis, T., and Falek.)
- Falek, Oskar. (See Zabel, M., Falek, and Selfert.)
- Falge, Robert N., Birmingham, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Lens. 2,003,804; June 4.
- Falge, Robert N., Anderson, Ind., and C. E. Godley, Ypsilanti, Mich., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Headlamp. 2,003,805; June 4.
- Falge, Robert N., Anderson, Ind., and C. E. Godley, Ypsilanti, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Headlamp. 2,014,429; Sept. 17.
- Falk, Alfred, Munich, Germany. Manufacture of chewing gum. 2,001,412; May 14.
- Falk Corporation, The. (See Bibby, James, assignor.)
- Falk Corporation, The. (See Fischer, Hans, assignor.)
- Falk Corporation, The. (See Lodeen, Hyman, assignor.)
- Falk Corporation, The. (See Schmitter, Walter P., assignor.)
- Falk, Corporation, The. (See Schmitter, W. P., and Wiken, assignors.)
- Falk, Harry B., assignor to Le R. C. Smullenberger, Peoria, Ill. Electric cooking device. 2,013,205; Sept. 3.
- Falk, Morris, Fitchburg, Mass. Disk tumbler lock. 1,990,933; Feb. 12.
- Falk, Morris, Fitchburg, Mass. Plug holding device for locks. 1,990,934; Feb. 12.
- Falk, Morris, Fitchburg, Mass. Lock. 2,000,829; May 7.
- Falk, Morris, Fitchburg, Mass. Key blank. 2,005,497; June 18.

- Falk, Morris, assignor to Independent Lock Company, Fitchburg, Mass. Lock. 1,987,735; Jan. 15.
- Falk, Stig L. E., Vasteras, Sweden. Apparatus for the determination of Brinell numbers. 2,002,495; May 28.
- Falkiner Cane Harvester Corporation of America. (See Falkiner, Ralph S., assignor.)
- Falkiner Cane Harvester Corporation of America. (See Falkiner, R. S., and Charley, assignors.)
- Falkiner Cane Harvester Corporation of America. (See Pitcher, Elmer C., assignor.)
- Falkiner, Ralph S., Melbourne, Victoria, Australia, assignor to Falkiner Cane Harvester Corporation of America, New York, N. Y. Harvesting of sugar cane. 2,009,729; July 30.
- Falkiner, Ralph S., and W. G. Charley, Melbourne, Australia, assignors to Falkiner Cane Harvester Corporation of America, New York, N. Y. Harvesting of sugar cane. 1,990,172; Feb. 5.
- Falkner, Carl G., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,008,856; July 23.
- Fall, Albert P., Toledo, Ohio. Piston ring. 1,999,233; Apr. 30.
- Fall, Joseph W., Evanston, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Roof construction. 2,004,198; June 11.
- Falla, Fernando, Millburn Township, Essex County, N. J. Apparatus for burning calcareous materials. 2,007,676; July 9.
- Falldine, George L., Lakewood, N. Y. Pipe. 1,990,429; Feb. 5.
- Fallert, Clifford D., assignor to R. Gaylord, Incorporated, St. Louis, Mo. Shipping case. 2,022,191; Nov. 26.
- Fallon, Frank J. (See Shipakoff, S. H., Fallon, and Suter.)
- Fallon, John. (See Smallwood, A., and Fallon.)
- Fallon, John, Birmingham, England. Roller for conveyer furnaces. 2,021,913; Nov. 26.
- Fallow, Samuel, Brooklyn, N. Y. Novelty. 1,990,935; Feb. 12.
- Falls, Robert L., Charlotte, N. C., assignor of five per cent to J. F. Kelley, Rock Hill, S. C. Composition and preparing same. 2,003,789; June 4.
- Falotico, Vincent L., Far Rockaway, N. Y. Boiler for use in oil firing. 1,988,268; Jan. 15.
- Falthauser, Willy, Munich, Germany. Expanding closing capsule for bottles and other containers. 2,015,846; Oct. 1.
- Faltico, Harold J., Spokane, Wash. Testing implement for spark plugs and ignition. 2,001,382; May 14.
- Falthauser, Willy. (See Remy, Rudolf, assignor.)
- Fancher, Charles L., Cleveland, Ohio. Diaper pad. 2,002,368; May 21.
- Fancher, George H. (See Nelson, W. L., and Fancher.)
- Fancher, Howard M., assignor to The Rochester Folding Box Co., Rochester, N. Y. Easel construction. 2,003,482; June 4.
- Fanfarillo, Cesare, Glassboro, N. J. Pan for cement mixers. 2,004,276; June 11.
- Fanger, Herman J., Oakland, Calif. Dynamic loud speaker unit. 1,992,300; Feb. 26.
- Fanger, Herman J., Oakland, Calif. Paper and package receiving and retaining device. 2,012,422; Aug. 27.
- Fankbner, Harland, assignor to The Goss Printing Press Company, Chicago, Ill. Web roll braking mechanism. 1,987,329; Jan. 8.
- Fankbner, Harland, assignor to The Goss Printing Press Company, Chicago, Ill. Web controlling mechanism. 1,990,643; Feb. 12.
- Fankbner, Harland, assignor to The Goss Printing Press Company, Chicago, Ill. Web renewing mechanism. 2,000,439; May 7.
- Fannen, Patrick L., and A. J. Cappello, Gloucester, Mass. Lobster-claw retaining device. 2,009,546; July 30.
- Fanner Manufacturing Company, The. (See Schane, Edward H., assignor.)
- Fansteel Products Company. (See Austin, Miner M., assignor.)
- Fansteel Products Company. (See Haskell, Roy A., assignor.)
- Fantone, Charles B., Lyndhurst, and R. M. Jameson, Teaneck, assignors to Synco Machine Company, Arlington, N. J. Serving head. 2,002,225; May 21.
- Fantone, Charles B., Lyndhurst, and R. M. Jameson, Teaneck, assignors to Synco Machine Company, Newark, N. J. Automatic stop device. 2,003,353; June 4.
- Fantone, Charles B., Lyndhurst, and E. G. Parvlin, Roselle, assignors to Synco Machine Company, Newark, N. J. Machine for applying a web to a strand. 2,003,354; June 4.
- Fantz, Fred C. (See Getzen, John E., assignor.)
- Fantz, Fred C. (See Stockham, Herbert C., assignor.)
- Fantz, Fred C., Webster Groves, Mo. Return bend fitting. 2,024,347; Dec. 17.
- Farabough, George M., Rogers, Ark. Potato cutter. 2,004,858; June 11.
- Farastan Company, The. (See Ebert, Joseph, assignor.)
- Farbenindustrie Aktiengesellschaft. (See Fick, Reinhold, assignor.)
- Farbenindustrie I. G. Aktiengesellschaft. (See Pier, M., and Lemmo, assignors.)
- Farber, Jacob, assignor to L. C. Farber, New York, N. Y. Coin control register bank. 2,000,323; May 7.
- Farber, Lina C. (See Farber, Jacob, assignor.)
- Farese, Joseph. (See Simister, Louis W., assignor.)
- Faries Manufacturing Company. (See McDonald, Edward F., assignor.)
- Faries Manufacturing Company. (See Smith, Joseph L., assignor.)
- Faries, Robert, St. Davids, and J. B. McWilliams, Pittsburgh, Pa. Shipping container. 2,002,570; May 28.
- Faries, Robert, St. Davids, Pa. Rail joint. 2,021,297; Nov. 19.
- Farish, Robert E., Jr., Columbus, Ga. Electrical connector. 2,004,105; June 11.
- Farkas, Eugene, New York, N. Y. Vanity box. 2,003,355; June 4.
- Farkas, Eugene J., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Transmission. 2,020,404; Nov. 12.
- Farkas, Gedeon, Elizabeth, N. J. Lock alarm. 2,022,414; Nov. 26.
- Farley, Francis S., Trenton, N. J., and L. G. Wheeler, assignors to B. M. Root Co., York, Pa. Panel cutting machinery. 1,986,769; Jan. 1.
- Farley, Francis S., Trenton, N. J., and L. G. Wheeler, assignors to B. M. Root Co., York, Pa. Panel cutting and ship-lapping. 1,986,770; Jan. 1.
- Farley, Lyle T., Norwich, N. Y. Automobile surface sander. 2,004,859; June 11.
- Farmer, Albert J., Detroit, Mich., assignor, by mesne assignments, to The Farval Corporation, Cleveland, Ohio. Lubricating system. 1,989,744; Feb. 5.
- Farmer, Albert J., Detroit, Mich., assignor, by mesne assignments, to The Farval Corporation, Cleveland, Ohio. Measuring valve. 1,994,173; Mar. 12.
- Farmer, Charles F. (See Lyle, Leslie, assignor.)
- Farmer, Clyde C. (See Hewitt, E. E., and Farmer.)
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,986,468; Jan. 1.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,986,469; Jan. 1.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,986,470; Jan. 1.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Combined fluid-pressure brake and signal system. 1,991,890; Feb. 19.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Steam driven compressor. 1,991,891; Feb. 19.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,998,276; Apr. 16.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,004,654; June 11.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Check valve device. 2,007,677; July 9.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Check valve device. 2,008,133; July 16.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,009,842; July 30.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,009,843; July 30.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Angle cock device. 2,009,844; July 30.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Drain valve. 2,009,845; July 30.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,012,744; Aug. 27.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 2,014,885; Sept. 17.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Force feed lubricator. 2,014,886; Sept. 17.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Lubricating device. 2,014,887; Sept. 17.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 2,017,791; Oct. 15.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,017,792; Oct. 15.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,017,793; Oct. 15.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake controlling device. 2,017,794; Oct. 15.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Test device. 2,021,769; Nov. 19.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Test gauge. 2,021,770; Nov. 19.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Release insuring device. 2,021,771; Nov. 19.

- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake device. 2,024,632; Dec. 17.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Pressure retaining valve device. 2,024,685; Dec. 17.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Welded seam. 2,024,686; Dec. 17.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electro-pneumatic brake. 2,024,687; Dec. 17.
- Farmer, Clyde C., Pittsburgh, and T. H. Thomas, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Train control apparatus. 1,991,889; Feb. 19.
- Farmer, Clyde C., Pittsburgh, and R. E. Miller, Wilkesburg, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Remote controlled brake. 2,004,655; June 11.
- Farmer, Clyde C., Pittsburgh, and E. E. Hewitt, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,009,840; July 30.
- Farmer, Clyde C., Pittsburgh, Pa., and C. D. Stewart, Berkeley, Calif., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,012,743; Aug. 27.
- Farmer, Clyde C., Pittsburgh, and E. E. Hewitt, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,024,633; Dec. 17.
- Farmer, Fred, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Bottom sealing device. 2,010,631; Aug. 6.
- Farmer, Fred, and H. Andersen, Brooklyn, N. Y., assignors to American Machine & Foundry Company. Article ejecting device for wrapping machines. 2,006,711; July 2.
- Farmer, Paul M. (See Hopkins, R. M., and Farmer.)
- Farmer, Silas D., Sullivan, assignor of one-half to William M. Wilson, Sullivan, Ill. Closure fastener. 2,019,664; Nov. 5.
- Farmers Manufacturing Company. (See Hunt, Sylvester H., assignor.)
- Farncomb, Frederick J., assignor to Corning Glass Works, Corning, N. Y. Blue coated ceramic article, and producing it. 2,026,086; Dec. 31.
- Farnham, Paul O. (See Loughlin, W. D., and Farnham.)
- Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments to Radio Corporation of America, New York, N. Y. Vacuum tube oscillator. 2,001,413; May 14.
- Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Oscillator circuit. 2,001,694; May 14.
- Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Oscillator circuit. 2,001,695; May 14.
- Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio receiving system. 2,003,110; May 28.
- Farnham, Paul O., Boonton, N. J., assignor by mesne assignments to Radio Corporation of America, New York, N. Y. Audion amplifier. 2,006,099; June 25.
- Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Dynatron oscillator. 2,011,290; Aug. 13.
- Farnham, Paul O., Boonton, N. J., assignor to Radio Corporation of America. Automatic volume control. 2,016,366; Oct. 8.
- Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radioreceiver. 2,022,805; Dec. 3.
- Farnham, Paul O., and Raymond Asserson, Boonton, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Audion amplifier. 2,005,080; June 18.
- Farnsworth, Philo T., Berkeley, assignor, by mesne assignments, to Television Laboratories, Inc., San Francisco, Calif. Electrical discharge apparatus. 1,986,330; Jan. 1.
- Farnsworth, Philo T., assignor, by mesne assignments, to Television Laboratories, Inc., San Francisco, Calif. Admittance neutralizing amplifier. 1,986,331; Jan. 1.
- Farnsworth, Philo T., assignor to Television Laboratories, Inc., San Francisco, Calif. System of pulse transmission. 2,026,379; Dec. 31.
- Farnsworth, Samuel T. (See Haskins, G., and Farnsworth.)
- Farnsworth, William H., San Mateo, assignor to Marine Chemicals Company, Ltd., San Francisco, Calif. Purifying process for magnesium products. 2,019,488; Nov. 5.
- Farnsworth, William H., Manistee, Mich., and Montel Montgomery, Los Angeles, assignors to Marine Chemicals Company, Ltd., San Francisco, Calif. Manufacture of magnesium products. 2,021,501; Nov. 19.
- Farr, Joseph W., Oak Park, Ill. Covering or facing element for buildings. 2,006,635; July 2.
- Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Lining brake drums. 1,998,047; Apr. 16.
- Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Treating brake drums or the like. 1,998,048; Apr. 16.
- Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Wheel structure. 2,003,109; May 28.
- Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel or other metallic structure and manufacturing the same. 2,007,892; July 9.
- Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake drum. 2,012,305; Aug. 27.
- Farr, Warren H., and C. L. Eksergian, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 2,021,355; Nov. 19.
- Farrand, Hiram A., assignor to Hiram A. Farrand, Inc., Berlin, N. H. Rule. 1,994,339; Mar. 12.
- Farrand, Hiram A., Inc. (See Farrand, Hiram A., assignor.)
- Farrar, Cecil W., Buffalo, N. Y. Furniture. 2,009,224; July 23.
- Farrar, Cecil W., Buffalo, N. Y. Furniture. 2,009,225; July 23.
- Farrar-Birmingham Company. (See Carroll, Willard R., assignor.)
- Farrar-Birmingham Company, Inc. (See Kitchen, Harry E., assignor.)
- Farrar-Birmingham Company. (See Kuhns, A., and Manager, assignors.)
- Farrar-Birmingham Company. (See Sykes, William E., assignor.)
- Farrell, Anna E., Seattle, Wash. Device for forming hair waves. 2,006,946; July 2.
- Farrell, Bartholomew T., Manchester, N. H. Bell ringing circuit and switch therefor. 2,019,075; Oct. 29.
- Farrell, Fred, Elmwood Park, Ill., assignor to Electrical Engineers Equipment Company. Clamp. 2,013,437; Sept. 3.
- Farrell, James A. (See Nulf, O., and Farrell.)
- Farrell Manufacturing Company. (See Crossen, Robert W., Jr., assignor.)
- Farrell, Philip H., Flushing, N. Y. Can opener. 1,999,689; Apr. 30.
- Farrell, Philip H., Flushing, N. Y. Can opener. 2,001,303; May 14.
- Farrell, Robert J., Waynesburg, Pa. Making nails. 1,993,402; Mar. 5.
- Farrell, Stephen A., Brooklyn, N. Y. Power transmission mechanism. 2,014,316; Sept. 10.
- Farrell, Walter G., U. S. Marine Corps. Underwater eye protector. 2,007,186; July 9.
- Farrelly, Joseph, Pelham, assignor to The Diamond Match Company, New York, N. Y. Advertising book matches and the like. 2,002,571; May 28.
- Farren, Robert E., Revere, Mass. Ignition trouble eliminator. 2,000,830; May 7.
- Farren, William R., and J. Smith, Jr., Tamaqua, Pa., assignors to Atlas Powder Company, Wilmington, Del. Waterproof blasting explosive assembly. 2,023,784; Dec. 10.
- Farrens, Albert H., Lincoln, Nebraska, G. H. Neal and W. M. Stoner, executors of said A. H. Farrens, deceased. Wall construction. 2,016,772; Oct. 8.
- Farrin, Ernest L., Medford, Mass. Mop wringing attachment. 2,017,146; Oct. 15.
- Farrington, Bruce B., and R. L. Humphreys, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Extreme pressure lubricating composition. 2,020,021; Nov. 5.
- Farrington, C. M., et al. (See Modlin, Lowell G., assignor.)
- Farrington, Charles E., Phoenixville, Pa. Barrel agitator and handle. 2,022,711; Dec. 3.
- Farrington Manufacturing Company. (See Anthony, Stanley, assignor.)
- Farrington Manufacturing Company. (See Dugdale, Richard M., assignor.)
- Farris, Clayton, Newark, N. J. Six-wheel motor vehicle. 1,989,745; Feb. 5.
- Farris, Clayton, assignor to The Trucktor Corporation, Newark, N. J. Radius rod for motor vehicles. 1,989,746; Feb. 5.
- Farris, Emil M. (See Conti, J. D., and Farris, A.)
- Farris, Emil M., Drexel Hill, Pa., assignor to Sylvania Industrial Corporation, New York, N. Y. Wrapping material. 1,994,507; Mar. 19.
- Farrow, William H., Arlington, assignor to Hersey Manufacturing Company, Boston, Mass. Liquid meter. 1,986,566; Jan. 1.
- Farval Corporation, The. (See Burrell, Clarence R., assignor.)
- Farval Corporation, The. (See Dirkes, Carl E., assignor.)
- Farval Corporation, The. (See Farmer, Albert J., assignor.)
- Farval Corporation, The. (See Jennings, Aaron J., assignor.)
- Farval Corporation, The. (See Kerns, Leonard R., assignor.)
- Farwell Ozmun Kirk & Co. (See Marzoff, George B., assignor.)
- Fasce, Egi V. (See Shafer, S. S., and Fasce.)
- Fashionlox, Incorporated. (See Stabert, William F., assignor.)

- Fashion Park Manufacturing Corporation. (See D'Annunzio, Harry C., assignor.)
- Fashion Park Manufacturing Corporation. (See Shaw, Burt J., assignor.)
- Fassbender, Josef, assignor to Land und Seekabelwerke A. G., Cologne-Nippes, Germany. Rubber insulated cable. 2,005,614; June 18.
- Fassett, Weston W., Gonzales, Calif. Sampling device. 2,016,670; Oct. 8.
- Fassin, Gustave, Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Photo-micrographic apparatus. 2,004,807; June 11.
- Fassin, Gustave, Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Slit unit for optical instruments. 2,021,232; Nov. 19.
- Fassler, Peter W., Detroit, Mich. Welding transformer. 1,986,884; Jan. 8.
- Fast, Gustave, assignor to Gustave Fast Engineering Corporation, Annapolis, Md. Torsionally resilient coupling. 2,021,718; Nov. 19.
- Fast, Gustave, Engineering Corporation. (See Fast, Gustave, assignor.)
- Fasting, Johan S., Valby, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Rotary kiln and the like. 2,007,298; July 9.
- Fasting, Johan S., Valby, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Rotary kiln and cooler. 2,019,179; Oct. 29.
- Fate-Root-Health Company, The. (See Bowen, Edson E., assignor.)
- Fatland, Conrad, Mount Prospect, Ill. Mop. 1,999,450; Apr. 30.
- Fator, Charles D., Crissy Field, Calif. Party line telephone detector. 1,991,383; Feb. 19.
- Fator, Charles D., U. S. Army, Wheeler Field, Hawaii. Electric rudder control contacting device. 1,992,929; Feb. 26.
- Fator, Charles D., Wheeler Field, Honolulu, Territory of Hawaii. Signalling system. 2,008,693; July 23.
- Fattinger, Franz, Vienna, Austria. Producing radio-active textile fibers and product thereof. 1,995,707; Mar. 26.
- Faucett, Frank H., Dover, Del. Collapsible jack base. 2,022,636; Nov. 26.
- Faucett, Irving T., Westerleigh, assignor to General Cable Corporation, New York, N. Y. Electric cable. 2,019,297; Oct. 29.
- Faucett, Samuel E. (See Keinert, E. E., Kopke, and Faucett.)
- Faudi, Fritz, assignor to A. Ehrenreich & Cie., Dusseldorf-Oberkassel, Germany. Cushioning device for pneumatic hammers. 1,988,982; Jan. 22.
- Faulds, Norval M., Clearwater, Fla. Fruit juice extractor. 2,017,960; Oct. 22.
- Faulkner, David S., Los Angeles, A. E. Rice, Hermosa Beach, and Lewis E. Zerbe, Moneta, Calif., assignors, by mesne assignments, to The National Superior Company, Toledo, Ohio. Rotary machine. 2,005,137; June 18.
- Faulkner, Lionel E., Hillside, assignor to Wilson Welder & Metals Company, Inc., Hoboken, N. J. Arc welding electrode. 2,017,488; Oct. 15.
- Faultless Rubber Company, The. (See Miller, Thomas W., assignor.)
- Faunce, Benjamin R., Riverside, N. J. Pharmaceutical preparation and dentifrice. 2,025,655; Dec. 24.
- Fauner, Joseph F., Irvington, N. J. Weather protector. 1,990,981; Feb. 12.
- Fauner, Joseph F., Irvington, N. J. Weatherproofing device. 1,993,506; Mar. 5.
- Faus, Harold T. (See Arey, R. G., and Faus.)
- Faus, Harold T., Lynn, Mass., assignor to General Electric Company. Making permanent magnets. 1,989,551; Jan. 29.
- Faus, Harold T., Lynn, Mass., assignor to General Electric Company. Magnetic compass. 2,003,179; May 28.
- Faus, Harold T., Lynn, Mass., assignor to General Electric Company. Temperature compensation device. 2,016,894; Oct. 8.
- Fausek, Arthur J. and I. F., Clayton, Mo. Cutting torch. 1,996,991; Apr. 9.
- Fausek, Arthur J., and I. F., Clayton, Mo. Acetylene generator. 2,008,821; July 23.
- Fausek, Arthur J., and I. F., Clayton, Mo. Torch. 2,026,028; Dec. 31.
- Fausek, Irving F. (See Fausek, Arthur J., and I. F.)
- Fausel, Charles A., Glenridge, N. J. Dispensing valve. 2,004,161; June 11.
- Fausser, Giacomo, Novara, assignor to Montecatini, Società Generale per l'Industria Mineraria Ed Agricola, Milan, Italy. Preparation of ammonium nitrate. 1,987,552; Jan. 8.
- Fausser, Giacomo, Novara, assignor to Montecatini, Società Generale per l'Industria Mineraria ed Agricola, Milan, Italy. Preparation of concentrated nitric acid starting from the oxidation of ammonia. 1,991,452; Feb. 19.
- Fausett, Floyd, assignor to Supreme Instruments Corporation, Greenwood, Miss. Electric metering device. 2,005,138; Jan. 18.
- Fausett, Floyd, Greenwood, assignor to Supreme Instruments Corporation, Greenwood, Miss. Testing oscillator. 2,016,084; Oct. 1.
- Faust, Carl E., Chicago, Ill. Square. 1,998,574; Apr. 23.
- Faust, Harry W. (See Carswell, T. S., and Faust.)
- Faust, Otto, Rorschach, Switzerland, assignor of one-half to Zellstoffabrik Waldhof, Mannheim Waldhof, Germany. Manufacture of solutions from cellulose. 2,014,761; Sept. 17.
- Favalora, Emile W., New York, N. Y. Portable air cooling, dehydrating, and washing apparatus. 2,006,858; July 2.
- Favarger, François, Geneva, Switzerland, assignor, by mesne assignments, to The Teleregister Corporation, New York, N. Y. Electromagnetic indicator. 1,993,704; Mar. 5.
- Favré-Bulle, Maurice P., Boulogne-on-the-Seine, France. Electric timepiece. 1,991,839; Feb. 19.
- Fawcett, Harold W., Harrogate, England. Centrifugal separator. 2,023,762; Dec. 10.
- Fawick Manufacturing Co. (See Fawick, Thomas L., assignor.)
- Fawick, Thomas L., Akron, assignor to Brown-Lipe Gear Company, Toledo, Ohio. Transmission. 1,987,897; Jan. 15.
- Fawick, Thomas L., Akron, assignor to Brown-Lipe Gear Company, Toledo, Ohio. Transmission. 2,011,401; Aug. 13.
- Fawick, Thomas L., Akron, Ohio, assignor to Fawick Manufacturing Co., Waukesha, Wis. Clutch. 2,020,037; Nov. 12.
- Fawick, Thomas L., Akron, Ohio. Brake. 2,023,674; Dec. 10.
- Fawkes, Charles E. (See Wilson, W. C., and Fawkes.)
- Fawkes, Charles E., Chicago, Ill., and C. M. Mackenzie, Wabash, Ind., assignors to Container Corporation of America, Chicago, Ill. Paper coating process. 2,016,085; Oct. 1.
- Fay, Clifford E., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,000,938; May 14.
- Fay-Egan Manufacturing Company, The. (See Schellenbach, William L., assignor.)
- Fay, Horace B. (See Anthony, John K., assignor.)
- Fay, Joseph W. (See Chambless, Ersyl F., assignor.)
- Fay, Temple, Philadelphia, Pa. Plant activating device. 1,988,307; Jan. 15.
- Fayolle, Maurice, New York, N. Y. Film spacing in stereoscopic apparatus. 2,006,914; July 2.
- Fean, William, assignor to T. R. McDonald, Columbus, Ohio. Packing liner. 2,004,315; June 11.
- Fear, Fred, & Company. (See Dorse, J. H., Jr., and Cook, assignors.)
- Fear, Ralph G., Los Angeles, Calif. Film magazine and the like. 2,007,468; July 9.
- Featherston, Steve B., Lexington, Ky. Shield or protector. 2,012,871; Aug. 27.
- Feayear, Glenn, Toronto, Ontario, Canada, and J. Muir, Springfield, Ill., assignors to Sangamo Company, Limited, Toronto, Ontario, Canada. Nonreversible meter train. 2,019,125; Oct. 29.
- Febrey, Harold E., South Orange, N. J. Rail bond. 2,023,317; Dec. 3.
- Febrey, Harold H., Newark, N. J., assignor to The American Steel and Wire Company of New Jersey. Rail bond and making same. 2,008,786; July 23.
- Febrey, Harold H., Newark, N. J., assignor to The American Steel and Wire Company of New Jersey. Rail bond. 2,008,787; July 23.
- Féchoz, Etienne, Gilly-sur-Isere, France. Automatic machines for the manufacture of bottles and of other glass articles. 2,020,462; Nov. 12.
- Féchoz, Etienne, Gilly-sur-Isere, France. Glass furnace. 2,025,581; Dec. 24.
- Fecker, Theo., Berlin-Reinickendorf-Ost, Germany, assignor to General Electric Company. Frequency responsive apparatus. 2,026,421; Dec. 31.
- Fedden, Alfred H. R., and L. F. G. Butler, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Sleeve-valve cylinder. 1,995,244; Mar. 19.
- Fedden, Alfred H. R., assignor to The Bristol Aeroplane Company Limited, Bristol, England. Sleeve-valve mechanism for internal combustion engines. 2,003,743; June 4.
- Fedden, Alfred H. R., assignor to The Bristol Aeroplane Company Limited, Bristol, England. Coupling for sparking plugs. 2,013,381; Sept. 3.
- Fedden, Alfred H. R., and L. F. G. Butler, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Supercharged internal-combustion engine. 2,014,317; Sept. 10.
- Fedders Manufacturing Company. (See Askin, Joseph, assignor.)
- Fedders Manufacturing Company. (See Ihde, August F., assignor.)
- Fedders Manufacturing Company. (See Lear, Joseph D., assignor.)
- Fedders Manufacturing Company. (See Przyborowski, Stanislaus, assignor.)
- Fedders Manufacturing Company. (See Slagel, Franklin G., assignor.)
- Fedders Manufacturing Company. (See Smith, Lawrence C., assignor.)
- Fedders Manufacturing Company. (See Walker, Edmund R., assignor.)
- Federal Container Company. (See Usinger, Matthias C., assignor.)
- Federal Electric Company. (See Hammar, Herbert G., assignor.)

- Federal Electric Company. (See Stone, Charles W., assignor.)
- Federal Enameling & Stamping Company. (See Christman, William T., assignor.)
- Federal Enameling & Stamping Co. (See Dean, Herbert, assignor.)
- Federal Foundation, Inc. (See Whitlock, R. G., and Sharp, assignors.)
- Federal Foundry Supply Company, The. (See Ditty, Ralph, assignor.)
- Federal Laboratories, Inc. (See Lowy, A., Reynolds, and Young, assignors.)
- Federal Merchandise Company. (See Hueglin, Herman C., assignor.)
- Federal Mogul Corporation. (See Meyer, T. F. W., and Darby, assignors.)
- Federal-Mogul Corporation. (See Russell, H. W., and Darby, assignors.)
- Federal Pitter Company. (See Kingsbury, William A., assignor.)
- Federal Reserve Bank of Kansas City, et al. (See Swathney, Joseph H., assignor.)
- Federal Telegraph Company. (See Kolster, Frederick A., assignor.)
- Federal Telegraph Company. (See Reinken, Louis W., assignor.)
- Federal Varnish Company. (See McCants, Gilbert E., assignor.)
- Fedotoff, Nicholas V. (See Hopkins, R. M., and Fedotoff.)
- Fee, Thomas Arthur, Jr. assignor to Gasoline Energy Distributors Limited, Vancouver, British Columbia, Canada. Liquid metering device. 2,015,997; Oct. 1.
- Feemster, David R. (See Schomburg, W. H., Feemster, and Peters.)
- Fegles Construction Company. (See Nemece, F. L., and Patterson, assignors.)
- Fegles Construction Company, Limited. (See Nemece, Frank L., assignor.)
- Fegley, Thomas J., Jenkintown, and G. O. Leopold, assignors to North Bro's Mfg Co., Philadelphia, Pa. Coupling device for impact-tips. 2,008,352; July 16.
- Féguenne, Pierre. (See Saunders, John J.)
- Feban, John, Kenmore, N. Y. Shade roller. 2,025,656; Dec. 24.
- Fehre, Martha, New York, N. Y. Perambulator. 2,001,343; May 14.
- Fehring, Emil A. W., Manitowoc, Wis. Smoking pipe cover. 1,994,036; Mar. 12.
- Fehrlie, Alfred. (See Streitwolf, Fehrlie, and Oesterlin.)
- Fehrlie, Alfred. (See Streitwolf, K., Fehrlie, Herrmann, Fritzsche, and Schnitzer.)
- Fehrlie, Alfred. (See Streitwolf, K., Fehrlie, and Oesterlin.)
- Fehse, Adolf. (See Pirani, M., Reger, and Fehse.)
- Fehse, Adolf, assignor to Vereinigte Lausitzer Glaswerke Aktiengesellschaft, Berlin, Germany. Producing the fitting surfaces involved in the case of glass bottle necks fitted with glass. 2,010,257; Aug. 6.
- Fehse, Adolf, Berlin, and H. Krefft, Berlin, Friedrichshagen, Germany, assignors to General Electric Company. Electric gaseous discharge device. 2,009,226; July 23.
- Feld, Charles, North Attleboro, Mass., and C. A. Mealy, West Barrington, R. I., assignors to Harold E. Sweet, doing business as R. F. Simmons Company, Attleboro, Mass. Wrist watch strap, band, or bracelet. 2,009,253; July 23.
- Feld, Charles, North Attleboro, assignor to H. E. Sweet, doing business as R. F. Simmons Company, Attleboro, Mass. Wrist-watch strap, band, or bracelet. 2,009,254; July 23.
- Feige, Kurt H., Chicago, Ill. Automatic screen and filter. 2,012,124; Aug. 20.
- Felgenbaum, David. (See Lind, E., and Felgenbaum.)
- Felkert, Adrian H., assignor to American Anode, Inc., Akron, Ohio. Method of and apparatus for handling rubber articles. 2,016,367; Oct. 8.
- Fellecke, Karl, Indianapolis, Ind. Unit power plant. 2,019,180; Oct. 29.
- Felld, Alexander L., assignor, by mesne assignments, to Rustless Iron Corporation of America, Baltimore, Md. Production of iron-chromium alloys. 2,001,015; May 14.
- Felld, Alexander L., assignor, by mesne assignments, to Rustless Iron Corporation of America, Baltimore, Md. Production of iron-chromium alloys. 2,001,016; May 14.
- Feller, Paul. (See Winkler, F., and Feller.)
- Feller, Paul. (See Winkler, F., Feller, and Weigmann.)
- Feller, Paul. (See Winkler, F., Hauber, and Feller.)
- Feller, Paul, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of olefines and liquid hydrocarbons from methane. 2,022,279; Nov. 26.
- Feller, Paul, and H. Hauber, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of hydrocarbons. 2,007,754; July 9.
- Feller, William, West New York, assignor to Arrow Manufacturing Company, Inc., Hoboken, N. J. Metal box construction. 2,006,827; July 2.
- Feinberg, Archie, Evanston, Ill. Ventilating system. 2,021,408; Nov. 19.
- Feinberg, Jacob, Brooklyn, N. Y. Stand for pens. 1,991,200; Feb. 12.
- Feinen, Nicholas, Buffalo, N. Y. Toy movie apparatus. 1,994,340; Mar. 12.
- Feinor, Malcolm, Brooklyn, N. Y. Undergarment for women and girls. 2,010,541; Aug. 6.
- Feist, Erich, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 1,996,992; Apr. 9.
- Feitosa, Francisco, New York, N. Y. Game. 2,024,034; Dec. 10.
- Fekere, Antalné, Budapest, Hungary. Drawers. 1,998,865; Apr. 23.
- Felber, Paul. (See Mueller, E., and Felber.)
- Feldbush, Harry A., Cincinnati, Ohio, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Sheave. 2,008,300; July 16.
- Felder, Dudley H. (See Dengler, F. S., Gardner and Felder.)
- Feldermann, William, South Orange, N. J. Humidifier. 2,022,415; Nov. 26.
- Feldman, Charles L., receiver, et al. (See Smith, Herbert, assignor.)
- Feldman, Morris, Baltimore, Md. Safety attachment for wringers. 2,015,303; Sept. 24.
- Feldmann, Wilhelm. (See Heinrich, R., and Feldman.)
- Feldmeier, Harvey, Little Falls, N. Y., assignor to Cherry-Burrell Corporation, Wilmington, Del. Heat exchanger for fluids. 1,986,192; Jan. 1.
- Feldmeier, Harvey, Little Falls, N. Y., assignor to Cherry-Burrell Corporation, Wilmington, Del. Tubular heat exchanger for liquids. 2,009,837; July 30.
- Feldmeier, Harvey, and W. Astle, assignors to Cherry-Burrell Corporation, Little Falls, N. Y. Liquid heater. 1,988,548; Jan. 22.
- Feldmühle A. G. Vormals Loeb, Schoenfeld & Co., Rohrschach. (See Graner, Theodor, assignor.)
- Feldon, Otto A., Bala-Cynwyd, Pa. Dehydrating and antiseptic toothbrush cabinet. 1,987,472; Jan. 8.
- Feldspathic Research Corporation. (See Weis, Joseph H., assignor.)
- Feldt, Adolf. (See Schoeller, W., Allardt, and Feldt.)
- Feldtkeller, Richard, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Amplifier. 2,022,496; Nov. 26.
- Feldtmann, Gustav-Adolf. (See Opfermann, E., and Feldtmann.)
- Fellins Tying Machine Co. (See Suelflow, A. G., and Wolford, assignors.)
- Felix, Edgar H., Ridgewood, N. Y., assignor to Radio Inventions, Incorporated, New York, N. Y. Television system. 2,000,694; May 7.
- Felix, Friedrich and O. Albrecht, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Sulphonated sulphones and their production. 2,010,754; Aug. 6.
- Fell, Clarence O., Kansas City, Mo. Lawn edging tool. 2,021,625; Nov. 19.
- Fellay, Louis J., assignor to Dooley Bros., Peoria, Ill. Drill boxing. 2,001,057; May 14.
- Fellay, Louis J., assignor to Dooley Bros., Peoria, Ill. Drilling machine. 2,001,058; May 14.
- Fellner, Therese, Los Angeles, Calif. Brassière. 2,014,839; Sept. 17.
- Fellows, Edwin R., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Machine for shaping heringbone gears. 1,998,835; Apr. 23.
- Fellows, Edwin R., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Workholder for gear generating machines. 2,013,557; Sept. 3.
- Fellows Gear Shaper Company, The. (See Fellows, Edwin R., assignor.)
- Fellows Gear Shaper Company, The. (See Miller, Edward W., assignor.)
- Fellows, Harrison E. (See Kleckner, A. C., and Fellows.)
- Fellows, Harrison E., assignor to Webster Electric Company, Racine, Wis. Strainer and making strainer units. 1,989,795; Feb. 5.
- Fels, Walter T., Jamaica, N. Y. Mold for building blocks. 1,992,302; Feb. 26.
- Felt & Tarrant Manufacturing Company. (See Niemann, Frederick A., assignor.)
- Felt & Tarrant Manufacturing Company. (See Turck, Joseph A. V., assignor.)
- Feltault, Arthur J. (See Melzer, F., and Feltault.)
- Feltault, Arthur J., Bloomfield, N. J., assignor to Efesem Inc., New York, N. Y. Refrigerator drawer. 2,014,647; Sept. 17.
- Feltault, Arthur J., Bloomfield, N. J., assignor to Efesem Inc., New York, N. Y. Refrigerator drawer. 2,020,638; Nov. 12.
- Felten & Guillaume Carlswerk Actien-Gesellschaft. (See Rohs, Adolf, assignor.)
- Felten & Guillaume Carlswerk Actien-Gesellschaft. (See Vogel, W., and Baumann, assignors.)
- Felten & Guillaume Carlswerk Actien-Gesellschaft. (See Zapf, Georg, assignor.)
- Felten & Guillaume Carlswerk Eisen- und Stahl Actien-Gesellschaft. (See Fürth, Victor, assignor.)
- Felters Company, The. (See Bowden, James G., assignor.)
- Felters Company, The. (See Hansel, Lawrence H., assignor.)
- Felters Company, The. (See Wood, Gordon H., assignor.)
- Feltzen, Gerard, Washington, D. C. Clasp. 2,024,634; Dec. 17.
- Feltman, Howard B., Wyncote, assignor to Berger Brothers Company, Philadelphia, Pa. Gutter hanger. 2,004,861; June 11.
- Feltman, Howard B., Wyncote, assignor to Berger Brothers Company, Philadelphia, Pa. Gutter hanger. 2,024,348; Dec. 17.

- Feminine Products, Inc. (See Brennan, Edward J., assignor.)
- Feminine Products, Inc. (See Cabrera, Ramon J., assignor.)
- Fenby, Jonathan J., near Reisterstown, Md. Drying method and apparatus. 2,022,761; Dec. 3.
- Fennema, Richard, assignor to Crane Co., Chicago, Ill. Cock. 2,009,358; July 23.
- Fennema, Richard, assignor to Crane Co., Chicago, Ill. Lubricated cock. 2,013,842; Sept. 3.
- Fenner, J. H., & Company Limited. (See Fenner, Joseph H., assignor.)
- Fenner, Joseph H., assignor to J. H. Fenner & Company Limited, Hull, England. Impregnation of textile fabrics. 1,992,062; Feb. 19.
- Fenton, Albert S., Buffalo, N. Y. Line drier. 2,001,570; May 14.
- Fenton, Frank, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making contoured rubber articles. 1,986,629; Jan. 1.
- Fenton, Frank, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Water bottle. 1,994,127; Mar. 12.
- Fenton, George F. (See Miller, J. M., and Fenton.)
- Fenton, Paul E., Thomaston, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn. Strap slide. 1,988,890; Jan. 22.
- Fenton, Ray M., Youngstown, Ohio. Apparatus for treating sheets. 1,995,382; Mar. 26.
- Fenton, Ray M., Monroe, Mich. Continuous pair furnace. 2,023,318; Dec. 3.
- Fenzel, Jacob S., Cleveland, and H. H. Bound, Lakewood, assignors to The Cleveland Welding Company, Cleveland, Ohio. Apparatus for welding tubular articles. 1,993,960; Mar. 12.
- Feragen, A. E., Inc. (See Bennett, Claude C., assignor.)
- Ferber, Robert P. F., Paris, France. Swimming and life saving apparatus. 2,006,915; July 2.
- Ferguson, John, assignor to Fairmount Glass Works, Inc., Indianapolis, Ind. Electrically melting and refining glass and apparatus therefor. 2,008,495; July 16.
- Feremutsch, Paul, Zuerich-Alstetten, Switzerland. Kneading butter. 2,007,043; July 2.
- Feremutsch, Paul, Zurich, Switzerland, assignor to Ernst Carl Baehni, Hamburg, Germany. Drop-preventing device. 2,021,545; Nov. 19.
- Ferenci, Lester, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Photo electric web-registering device. 1,988,486; Jan. 22.
- Ferenci, Lester, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Cigarette package. 1,998,077; Apr. 16.
- Ferenci, Lester, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Slicing attachment for bread wrapping machines. 2,011,043; Aug. 13.
- Ferguson, Arthur P., assignor to Lyon Cover Company, Detroit, Mich. Tire cover and hub closure. 2,022,592; Nov. 26.
- Ferguson, Arthur P., and B. M. Short, assignors to General Spring Bumper Corporation, Detroit, Mich. Back bar shield. 2,010,071; Aug. 6.
- Ferguson, Arthur P., and B. M. Short, assignors to General Spring Bumper Corporation, Detroit, Mich. Back bar shield. 2,010,072; Aug. 6.
- Fergus, William W., West Newton, Pa. Antiaircraft gun. 2,014,762; Sept. 17.
- Ferguson, Andrew. (See Fredricks, E. L., and Ferguson.)
- Ferguson, Charles A., North East, Md. Thrust bearing. 1,990,119; Feb. 5.
- Ferguson, Charles H., Valhalla, N. Y. Pumping apparatus. 1,993,267; Mar. 5.
- Ferguson, Charles H., Valhalla, N. Y. Centrifugal pump. 1,993,268; Mar. 5.
- Ferguson, Gale L., Euclid, Ohio, assignor to Westco Pump Corporation, Davenport, Iowa. Pumping apparatus. 2,006,590; July 2.
- Ferguson, George, Wollaston, and W. R. Hickler, Weston, Mass., assignors of seven-eighths to said George Ferguson and one-eighth to said Walter R. Hickler. Shoe. 2,009,291; July 23.
- Ferguson, Harry, Belfast, Ireland. Power transmission assembly for motor-driven vehicles. 2,022,762; Dec. 3.
- Ferguson, John, Indianapolis, Ind. Centrifugal glass-melting furnace. 2,006,947; July 2.
- Ferguson, John, assignor to Fairmount Glass Works, Inc., Indianapolis, Ind. Electric furnace. 2,000,278; May 7.
- Ferguson, John, assignor to Fairmount Glass Works, Indianapolis, Ind. Electrically melting and refining glass and apparatus therefor. 2,007,755; July 9.
- Ferguson, John, assignor to Fairmount Glass Works, Inc., Indianapolis, Ind. Controlling current flow in an electric furnace and electrode apparatus therefor. 2,014,615; Sept. 17.
- Ferguson, John, Indianapolis, Ind. Method and apparatus for mixing and discharging the contents of an electric glass furnace. 2,018,885; Oct. 29.
- Ferguson, John, Indianapolis, Ind. Glass furnace. 2,018,886; Oct. 29.
- Ferguson, John, Indianapolis, Ind. Electric furnace and operation. 2,022,112; Nov. 26.
- Ferguson, John, assignor to Fairmount Glass Works, Inc., Indianapolis, Ind. Method and apparatus for melting material in an electric furnace. 2,018,883; Oct. 29.
- Ferguson, John, assignor to Fairmount Glass Works, Inc., Indianapolis, Ind. Electric glass furnace. 2,018,884; Oct. 29.
- Ferguson, John A., West Millcreek Township, Erie County, Pa. Boring chuck. 2,010,983; Aug. 13.
- Ferguson, John H. (See Cox, G. J., and Ferguson.)
- Ferguson, John L., Joliet, Ill. Carton feeding mechanism. 2,016,814; Oct. 8.
- Ferguson, John L., Joliet, Ill. Cutting machine. 2,020,113; Nov. 5.
- Ferguson, Julian K., Tampa, Fla. Electric fan. 1,996,195; Apr. 2.
- Ferguson, I. E. (See Magney, Leo, assignor.)
- Ferguson, Malcolm P., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter control. 2,016,231; Oct. 1.
- Ferguson, Malcolm P., assignor to Eclipse Machine Company, Elmira, N. Y. Starter control. 2,021,502; Nov. 19.
- Ferguson, Reginald A., Lakeside, Quebec, Canada, assignor, by mesne assignments, to Simmons Company, New York, N. Y. Furniture construction. 1,993,437; Mar. 5.
- Ferguson, Robert O., Bristol, Tenn. Traffic signal. 2,006,675; July 2.
- Ferguson, Robert W., Trenton, and H. P. Sparkes, Newark, N. J., assignor of one-half to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., and one-half to The Star Porcelain Company, Trenton, N. J. Frangible seal. 2,003,183; May 28.
- Ferguson, Warren T. (See Eisenhauer, W. F., and Ferguson.)
- Ferguson, William, Philadelphia, Pa., assignor to National Airoil Burner Company, Incorporated. Burning fluid fuel. 2,013,302; Sept. 3.
- Fergusson, Gwyneth M., London, England. Plug and socket closure for wash basins, baths, sinks, and other receptacles. 1,993,321; Mar. 5.
- Ferk, Frank C., Chicago, Ill. Bumper signal. 2,023,806; Dec. 10.
- Ferkel, Karl A., and A. I. Ellis, Los Angeles, Calif., assignors to The Beryllium Corporation, New York, N. Y. Recovering beryllium oxide. 1,986,567; Jan. 1.
- Ferle, Alfred, Ridgewood, and M. Patzke, Paterson, N. J. Weft protector for looms. 1,991,144; Feb. 12.
- Fern, John A., assignor to J. P. Seeburg Corporation, Chicago, Ill. Phonograph record feeding means and method. 1,996,412; Apr. 2.
- Fernandez-Gibson Corporation. (See Fernandez, John J., assignor.)
- Fernandez, John J., Baltimore, Md., assignor to Fernandez-Gibson Corporation, Washington, D. C. Spark plug. 1,987,612; Jan. 15.
- Fernandez, John J., assignor to Fernandez-Gibson Corporation, Baltimore, Md. Testing device for internal combustion engines. 1,998,405; Apr. 16.
- Fernandez, José, Newark, N. J. Auxiliary airplane propeller. 1,994,018; Mar. 12.
- Fernandez y Fernandez, Manuel, New Orleans, La. Fuel burner. 1,996,413; Apr. 2.
- Ferney, Daniel F., Grand Rapids, Mich. Table. 2,017,844; Oct. 22.
- Fernholz, Ernst, Berlin, Germany. Installation for producing carbonated beverages. 1,988,035; Jan. 15.
- Fernquist, Carl J. (See Schnuelle, E. A., and Fernquist.)
- Fernseh Aktien-Gesellschaft. (See Möller, Hans G. and R., assignors.)
- Fernseh Aktien-Gesellschaft. (See Schubert, Georg, assignor.)
- Fer-O-Con Corporation. (See Kotrbaty, Guy F., assignor.)
- Ferodo Limited. (See Longley, James N., assignor.)
- Ferracon Corporation. (See Dix, Howard W., assignor.)
- Ferral, Frédéric, Paris, France. Fluid current motor. 2,017,961; Oct. 22.
- Ferranti Electric, Limited. (See Osborne, Harold R., assignor.)
- Ferranti Inc. (See de Ferranti, Sebastian Z., assignor.)
- Ferranti Inc. (See de Ferranti, Vincent Z., assignor.)
- Ferranti Inc. (See Finch, G. I., and Sutton, assignors.)
- Ferranti Inc. (See Norris, Eric D. T., assignor.)
- Ferranti Inc. (See Taylor, Maurice K., assignor.)
- Ferrara, John, Brooklyn, N. Y. Hand-bag construction. 2,015,888; Oct. 1.
- Ferrari, Abele, M. Scalione and C. Rafanelli, Healdsburg, Calif. Bung faucet. 2,004,860; June 11.
- Ferrari, Lorenzo, Genoa, Italy. Change speed gear. 2,019,006; Oct. 29.
- Ferre, Albert W., Wellesley, assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Drying apparatus. 2,005,580; June 18.
- Ferree, Clarence E. and G. R. Baltimore, Md. Variable intensity lamp. 1,986,052; Jan. 1.
- Ferree, Clifford B., Pittsburgh, Pa. Forged steel roll and production. 2,022,192; Nov. 26.
- Ferree, Gertrude R. (See Ferree, Clarence E. and G. R.)
- Ferri, Saul, Rochester, N. Y. Welt supporting form. 2,019,405; Oct. 29.
- Ferrie, Seymour W. (See Henderson, L. M., Ferris, and Cowles.)
- Ferrier, Alexander I., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Pressure gauge. 1,987,673; Jan. 15.
- Ferrill, Harve, assignor to Creative Displays, Inc., Chicago, Ill. Display article and producing the same. 2,002,734; May 28.

- Ferrin, Frank, Minneapolis, Minn. Railroad and land vehicle trailer truck and transfer system. 1,994,815; Mar. 19.
- Ferris, Henry L., assignor to Starline Inc., Harvard, Ill. Cow stall. 1,996,196; Apr. 2.
- Ferris, John P. (See Ferris, Walter and J. P.)
- Ferris, John P. (See Ferris, Walter and J. P., and Heiden.)
- Ferris, John P. (See Ferris, Walter and J. P., Fobian, and Benedek.)
- Ferris, John P. (See Ferris, Walter and J. P., and Mickelson.)
- Ferris, Mickel H., Chicago, Ill. Apparatus for fastening inner linings. 2,013,405; Sept. 3.
- Ferris, Robert G., assignor to Starline Inc., Harvard, Ill. Antilapping water bowl. 1,989,477; Jan. 29.
- Ferris, Robert G., assignor to Starline, Inc., Harvard, Ill. Stall. 1,994,193; Mar. 12.
- Ferris, Robert G., assignor to Starline, Inc., Harvard, Ill. Ventilating means. 2,005,615; June 18.
- Ferris, Robert G., assignor to Starline, Inc., Harvard, Ill. Hay silo. 2,020,881; Nov. 12.
- Ferris, Walter, Milwaukee, Wis. Blanking and forming press and forming blanks. 2,012,423; Aug. 27.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Pump or motor. 1,998,984; Apr. 23.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic drive for machine tools. 2,001,059; May 14.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Blanking press. 2,006,072; June 25.
- Ferris, Walter, Milwaukee, assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Power excavator. 2,008,694; July 23.
- Ferris, Walter, assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Hydraulic thrust mechanism for power shovels. 1,987,613; Jan. 15.
- Ferris, Walter, Milwaukee, and J. P. Ferris, Whitefish Bay, assignors to The Oilgear Company, Milwaukee, Wis. Hydraulic transmission. 1,994,989; Mar. 19.
- Ferris, Walter and J. P., and W. Mickelson, assignors to The Oilgear Company, Milwaukee, Wis. Milling machine. 1,995,638; Mar. 26.
- Ferris, Walter and J. P., G. H. Fobian, and E. K. Benedek, assignors to The Oilgear Company, Milwaukee, Wis. Pump. 2,001,957; May 21.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Self-feeding hydraulic press. 2,016,710; Oct. 8.
- Ferris, Walter, Milwaukee, J. P. Ferris, Whitefish Bay, and G. L. Heiden, Milwaukee, Wis. Assignors to The Oilgear Company, Milwaukee, Wis. Self-feeding press. 2,019,848; Nov. 5.
- Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Overhead garage door. 2,010,658; Aug. 6.
- Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Ball bearing hinge. 2,010,659; Aug. 6.
- Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Corner brace plate. 2,010,660; Aug. 6.
- Ferris, William D., assignor to Hustler Corporation, Sterling, Ill. Roller skate. 2,023,128; Dec. 3.
- Ferro, Raffaele, Brooklyn, N. Y. Capsule filling machine. 1,993,092; Mar. 5.
- Ferrocon Corporation. (See Kotraby, Guy F., assignor.)
- Ferro Enamel Corporation. (See Chester, Allan E., assignor.)
- Ferrous Magnetic Corporation. (See Specht, Sigfrid, assignor.)
- Ferry, Edward W., Lakewood, Ohio. Cap nut. 2,018,301; Oct. 22.
- Ferry, Newell S., assignor to Parke, Davis & Company, Detroit, Mich. Biological medicament. 1,990,982; Feb. 12.
- Ferry, Newell S., assignor to Parke Davis & Company, Detroit, Mich. Meningococcus toxin. 2,009,610; July 30.
- Fesenmaier, Hugo P., Morton, Minn. Tubular heat exchange structure and a surrounding shell therefor. 1,995,768; Mar. 26.
- Fess, William, Brooklyn, N. Y. Toilet set. 2,014,616; Sept. 17.
- Fessenden, Reginald A., Chestnut Hill, Mass. Height indicator. 1,991,892; Feb. 19.
- Fether, Donald W., assignor to Emco Asbestos Company, Downey, Calif. Method and apparatus for making friction linings. 2,012,306; Aug. 27.
- Fetkenheuer, Bruno, deceased, by Helene Fetkenheuer, née Jürgens, administratrix, Berlin-Siemensstadt, assignor to Deutsche Edelstahlwerke Aktiengesellschaft, Krefeld, Germany. Hard metal. 2,023,413; Dec. 10.
- Fetkenheuer, Helene, née Jürgens, administratrix. (See Fetkenheuer, Bruno.)
- Fetter, Edward, Baltimore, Md. Elastic adhesive bandage. 2,018,517; Oct. 22.
- Fetter, Ralph S., Buffalo, N. Y. Closure for fruit jars and the like. 2,000,831; May 7.
- Fetter, Ralph S., Buffalo, N. Y. Closure for barrels. 2,011,044; Aug. 13.
- Fettters, Charles A., Washington, D. C. Reversible sign. 1,996,541; Apr. 2.
- Fettters, G. Edward. (See Van Meter, James W., assignor.)
- Fencliter, Robert J., Irvington, N. J. Connector plug. 2,007,443; July 9.
- Feuer, Emanuel. (See Kemp, P., and Feuer.)
- Feuerstein, Abraham H., New York, N. Y. Button construction. 2,026,380; Dec. 31.
- Feuerstein, Harold, Great Neck, assignor of one-third to M. Kaplan, Brooklyn, N. Y. Abrasive pad. 2,018,611; Oct. 22.
- Feuerstein, Tibor A., Yonkers, N. Y. Ash tray holder. 2,017,592; Oct. 15.
- Feurer, Emil J., Chicago, Ill. Hat form. 2,020,022; Nov. 5.
- Feussner, Otto, and A. Jedele, Hanau-on-the-Main, Germany. Metals of the platinum group and certain alloys. 1,990,277; Feb. 5.
- Feussner, Otto, and A. Jedele, Hanau-on-the-Main, Germany. Metal article. 2,001,017; May 14.
- Feutei, Ernest A., Carlstadt, assignor to Alfred Hofmann, Inc., West New York, N. J. Hosiery. 2,023,520; Dec. 10.
- Fey, Edmund C., San Francisco, Calif., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Amusement apparatus. 2,012,502; Aug. 27.
- Fey, Edmund C., San Francisco, Calif., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Amusement apparatus. 2,019,126; Oct. 29.
- Feyling, Per L. F., Watertown, Mass., assignor, by mesne assignments, to Whitehead Metal Products Company of New York, Inc., New York, N. Y. Water heater. 1,995,608; Mar. 26.
- Ffoliott, Joseph F. (See Mays, William S., assignor.)
- Flant, Howard E. (See Long, J. A., and Flant.)
- Fiat Società Anonima. (See Penati, Carlo, assignor.)
- Fiberloid Corporation, The. (See Ceely, Arthur G., assignor.)
- Fiberloid Corporation, The. (See Parkhurst, Frederic A., and Fiberloid Corporation, The. (See Parkhurst, F. A., and Esselen, assignors.)
- Fiberloid Corporation, The. (See Webber, Charles S., assignor.)
- Fibreboard Products Inc. (See Evans, Charles S., assignor.)
- Fibreboard Products Inc. (See Ford, G. F., and Pittman, assignors.)
- Fibreboard Products Inc. (See Leslie, Harold, assignor.)
- Fibreboard Products Inc. (See Patterson, David H., Jr., assignor.)
- Fibre Making Processes, Inc. (See Glöersen, Leif, assignor.)
- Fiechandler, Carl, New York, N. Y. Frequency control. 2,000,584; May 7.
- Fick, Ferdinand E., Lakewood, Ohio. Fluid pump. 2,016,802; Oct. 8.
- Fick, Reinhold, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Aminocarboxylic acids and salts thereof. 2,004,523; June 11.
- Fickeissen, Otto O., assignor to Atlas Linen & Towel Service Company, St. Louis, Mo. Pocket cleaner. 2,021,446; Nov. 19.
- Fickes, Jesse, Cuyahoga Falls, Ohio. Sod edging tool. 2,007,826; July 9.
- Fidelity Machine Company. (See Blaisdell, Sidney B., assignor.)
- Fidelity Machine Company. (See Burgess, J. R., and Roney, assignors.)
- Fidelity Machine Company. (See Larkin, Walter, assignor.)
- Fidelity Trust Company, The, Administrator. (See Johansen, T., and Jones.)
- Fieherling, Charles A., Oakland, Calif., assignor of one-half to J. H. Kimball, Berkeley, Calif. Overflow detector. 2,004,502; June 11.
- Fleberts, Edward C., assignor to Plier Equipment Manufacturing Co., Benton Harbor, Mich. Battery testing apparatus. 2,021,178; Nov. 19.
- Fiedler, George H., Rochester, N. Y., assignor to General Electric Company. High voltage primary cut-out. 2,026,881; Dec. 31.
- Fiedler, Hans W., Leipzig, Germany. Depilator and applying same. 2,009,394; July 30.
- Fiedler, Marcell, Bound Brook, N. J. Surface plating of metals with alloys. 1,998,496; Apr. 23.
- Fiedler, Stuart O., Kenmore, assignor to DuPont Rayon Company, New York, N. Y. Steeping cellulose and steeping press therefor. 1,999,043; Apr. 23.
- Fiedler, Viola E., Springfield, Ill. Detachable iron holder for ironing boards. 1,990,983; Feb. 12.
- Fieg, Joseph F. (See Thatcher, E. A., and Fieg.)
- Fiege, Henry C., Green Bay, Wis. Windshield heater. 1,995,769; Mar. 26.
- Fiege, Henry C., Green Bay, Wis. Cable clamp. 2,016,856; Oct. 8.
- Fiegel, Stella M., Marshall, Tex. Brush and comb combination for pockets. 2,001,044; June 4.
- Fiehl, Michael, Endicott, assignor to International Business Machines Corporation, New York, N. Y. Printing machine. 2,019,897; Nov. 5.
- Field, Allan B., Marple, and C. Dannatt, Stretford, Manchester, England, assignors to General Electric Company. Apparatus for the transformation of direct electric currents. 1,990,780; Feb. 12.
- Field, Bernard, Brookline, Mass. Stove. 1,989,508; Jan. 29.
- Field, Charles H., Dalton, Ga. Cane sling. 2,014,201; Sept. 10.
- Field, Crosby, Brooklyn, N. Y. Boiling and condensing heat transfer apparatus. 2,008,098; July 16.

- Field, Crosby, Brooklyn, N. Y. Method of and apparatus for handling and shaping metal wool. 2,012,908; Aug. 27.
- Field, Crosby, Brooklyn, N. Y., assignor to Brillo Manufacturing Company, Inc. Wire testing machine and method. 2,002,770; May 28.
- Field, Crosby, Brooklyn, N. Y., assignor, by mesne assignments, to Flakice Corporation, Wilmington, Del. Heat exchange apparatus. 2,005,733; June 25.
- Field, Crosby, Brooklyn, N. Y., assignor to Flakice Corporation, Wilmington, Del. Heat exchange apparatus. 2,005,734; June 25.
- Field, Crosby, Brooklyn, N. Y., assignor, by mesne assignments, to Flakice Corporation, Wilmington, Del. Ice. 2,005,735; June 25.
- Field, Crosby, Brooklyn, N. Y., assignor to Flakice Corporation, Wilmington, Del. Ice. 2,005,736; June 25.
- Field, Crosby, Brooklyn, N. Y., assignor to Brillo Manufacturing Company, Inc. Method of and apparatus for handling and shaping metal wool. 2,012,907; Aug. 27.
- Field, Crosby, Brooklyn, and F. Short, Poughkeepsie, assignors to Flakice Corporation, Brooklyn, N. Y. Frigid or frozen product and its preparation. 1,991,384; Feb. 19.
- Field, Emil, assignor of one-half to A. H. Fredrickson, Stockton, Calif. Leakproof pressure valve. 2,024,349; Dec. 17.
- Field, Ethel A., New York, N. Y. Garment hanger. 1,997,251; Apr. 9.
- Field, Ethel A., New York, N. Y. Dispenser. 2,005,029; June 18.
- Field, Frank O., Oakland, assignor of one-half to L. F. Abadie, Piedmont, Calif. Fluid collector for smoking pipes. 1,999,561; Apr. 30.
- Field, George A., Minneapolis, Minn. Hinge for type casting machines. 2,016,598; Oct. 8.
- Field, Harold C. (See Hayes, Carl I., assignor.)
- Field, Henry P., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Mine car. 1,985,983; Jan. 1.
- Field, Henry P., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Mine car. 2,014,725; Sept. 17.
- Field, Herbert C. (See Hickman, J. G., Bowlus, Jackson, and Field.)
- Field, Herbert C., Windsor, Ontario, Canada, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Window assembly for an automotive vehicle. 2,001,778; May 21.
- Field, Herbert C., Windsor, Ontario, Canada, and B. H. Bowlus, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Window assembly. 1,996,572; Apr. 2.
- Field, Herbert C., and E. G. Simpson, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Window assembly. 2,021,719; Nov. 19.
- Field, James H., Washington, D. C. Filing device. 1,992,694; Feb. 26.
- Field, John, Fairfield, assignor to The Warner Brothers Company, Bridgeport, Conn. Corset. 1,995,801; Mar. 26.
- Field, Lloyd M., Cleveland, Ohio. Spark plug. 2,007,948; July 9.
- Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Manual operating means for railway traffic controlling devices. 2,026,496; Dec. 31.
- Field, Woolsey H. (See Sadler, S. S., and Field.)
- Felder, Harold S., La Grange, Ill., assignor to Cherry-Burrell Corporation, Wilmington, Del. Temperature control means for liquid heaters. 2,001,344; May 14.
- Fielding, George T., Stamford, Conn. Dampening and steaming assembly for pressing irons. 2,026,422; Dec. 31.
- Feldman, Michael, Philadelphia, Pa., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 1,991,201; Feb. 12.
- Feldman, Michael, Philadelphia, Pa., assignor to Houde Engineering Corporation, Buffalo, N. Y. Inertia controlled hydraulic shock absorber. 2,004,910; June 11.
- Feldman, Michael, Chicago, Ill., assignor to House Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,004,911; June 11.
- Fields, Henry E., et al. (See Hasty, William R., assignor.)
- Fields, Horace F., et al. (See Hasty, William R., assignor.)
- Fields, John D., Los Angeles, Calif. Producing lubricating oil. 2,024,968; Dec. 17.
- Fields, Norman W., Washington, D. C. Demurrage calculator. 2,011,240; Aug. 13.
- Fields, Reuben T. (See Crane, P. W., and Fields.)
- Fiene, Marcus E., Ballston Lake, N. Y., assignor to General Electric Company. Constant temperature device. 2,026,423; Dec. 31.
- Fieschi, Jean M. (See Lubovitch, E., and Fieschi.)
- Fleux, Jean, Paris, France, assignor of one-half to Schneider & Cie., Paris, France. Stabilizing device. 1,999,897; Apr. 30.
- Fife, Harvey R., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Purification of gases. 1,989,004; Jan. 22.
- Fife, Harvey R., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Composite article and making the same. 2,000,383; May 7.
- Fifield, Albert F., St. Catharines, Ontario, Canada, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Rail anchor. 1,996,508; Apr. 2.
- Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Black paint material from hardwood pitch. 2,008,979; July 23.
- Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Emulsified wood oils. 2,017,147; Oct. 15.
- Figueira, Joseph, New York, assignor to Leviton Manufacturing Company, Brooklyn, N. Y. Lamp socket support. 1,989,747; Feb. 5.
- Fihe, Albert J., assignor to Bahr Starting Gate Corporation, Chicago, Ill. Automatic starting gate. 2,012,186; Aug. 20.
- Fikentscher, Hans, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of mixed polymerization products from vinyl esters. 2,016,490; Oct. 8.
- Filander, Arthur H. (See Stertzbach, H. W., McPherson, and Filander.)
- Filastic Holding S. A. (See Schidrowitz, Philip, assignor.)
- Fildes, Frederick K. (See Hankins, F. W., and Fildes.)
- Fildes, Frederick K., Altoona, Pa. Attachment for container carriers. 1,988,651; Jan. 22.
- Fildes, Frederick K., Altoona, Pa. Attachment for container carriers. 1,988,942; Jan. 22.
- Fildes, Frederick K., Altoona, Pa. Container carrying vehicle. 1,989,920; Feb. 5.
- Fildes, Frederick K., Altoona, Pa. Container transfer apparatus. 1,990,538; Feb. 12.
- Fildes, Frederick K., Altoona, Pa. Container transfer apparatus. 1,990,539; Feb. 12.
- Fildes, Frederick K., Altoona, Pa. Container carrying vehicle. 2,021,503; Nov. 19.
- Filer & Stowell Co. (See Denton, Joseph A., assignor.)
- Filer & Stowell Company, The. (See Pelton, George M., assignor.)
- Filer & Stowell Co., The. (See Read, Everett C., assignor.)
- Filipich, Valentine, Linden, N. J. Window washing chair. 2,020,774; Nov. 12.
- Filippelli, Giuseppe, Brooklyn, N. Y. Heel. 1,994,508; Mar. 19.
- Filkorn, C. A. (See Husarik, Yustina, assignor.)
- Filler Machine Company, The. (See Geyer, John F.)
- Filmmann, Karl, assignor to the firm Fr. Hesser, Maschinenfabrik-Aktiengesellschaft, Cannstatt, Germany. Device for piling and counting blanks of paper or the like. 1,990,319; Feb. 5.
- Fillmann, William, Milwaukee, Wis. Flush tank valve assembly. 2,020,463; Nov. 12.
- Filly, Nicholas S., New York, N. Y. Locking device. 1,990,373; Feb. 5.
- Film Treatizer Corporation. (See Soman, Lester, assignor.)
- Filoon, V. & F. W., Company. (See Kent, Everett E., assignor.)
- Filso Leather Products, Co. (See Solomon, Morris, assignor.)
- Filson, K. L., et al. (See Lechner, Howard J., assignor.)
- Filson, Lena, et al. (See Lechner, Howard J., assignor.)
- Filter Tips Limited. (See Runkler, Sidner W., assignor.)
- Filter Tips Limited. (See Edwards, William F. M., assignor.)
- Filter Tips Limited. (See Edwards, W. F. M., and May, assignors.)
- Filter Tips Limited. (See May, Rowland F., assignor.)
- Filtration Equipment Corporation. (See Laughlin, William C., assignor.)
- Filtro Faucet Manufacturing Co. (See Robinovitz, Jack, assignor.)
- Filtrol Company of California. (See Baylis, Walter S., assignor.)
- Filtros Incorporated. (See Kuppinger, William C., assignor.)
- Financial Press Companies of America, The. (See Ackell, J. J., and Paulding, assignors.)
- Fincannon, B. D. (See McNair, Charles W., assignor.)
- Finch, Arnold R., assignor to West Bend Aluminum Co., West Bend, Wis. Mold. 2,003,432; June 4.
- Finch, Clark, West Palm Beach, Fla. Self-starting synchronous motor. 2,001,604; May 14.
- Finch, Clark, West Palm Beach, Fla. Soundproof clock case. 2,012,002; Aug. 20.
- Finch, Finas J. (See Goff, G. B., and Finch.)
- Finch, George Ingle, South Kensington, London, and R. W. Sutton, Manchester, England, assignors to Ferranti Inc., New York, N. Y. Electric spark discharge system. 1,997,515; Apr. 9.
- Finch, James L. (See Conklin, J. W., and Finch.)
- Finch, James L. (See Hansell, C. W., and Finch.)
- Finch, James L. (See Young, L. L., and Finch.)
- Finch, Percy R. (See Sabath, E. J., and Finch.)
- Finch, William G. H., New York, N. Y. Telegraph printer system. 2,008,389; July 16.
- Fincham, Edgar F., Hornsey, London, England. Apparatus for the objective determination of the refraction of the eye. 2,012,758; Aug. 27.
- Fincke, Leo I., Chicago, Ill. Toy airplane. 2,012,424; Aug. 27.
- Finder, Herman J., and D. H. Greene, Joliet, Ill. Manufacture of paper. 1,998,190; Apr. 16.
- Findlay, John H., Montclair, N. J., assignor to Westinghouse Lamp Company. Shockproof X-ray unit window. 2,019,602; Nov. 5.

- Findley, Howard J., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Signal device and system. 2,008,546; July 16.
- Findley, Howard J., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Automobile heater. 2,012,745; Aug. 27.
- Findley, Howard J., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Heater. 2,024,440; Dec. 17.
- Fine, Lewis. (See Keller, A. T., Schenck, and Fine.)
- Fineman, Saul I., Cleveland, Ohio. Artificial grass mat. 2,015,889; Oct. 1.
- Finfrock, John Q., Westwood, assignor to National Postal Meter Company, Los Angeles, Calif. Power plant. 1,988,036; Jan. 15.
- Finfrock, John Q., Westwood, assignor to National Postal Meter Company, Los Angeles, Calif. Manual feeding and tripping mechanism for a power driven postal machine. 2,005,778; June 25.
- Fingado, Rudolf. (See Wahl, O., Müller, and Fingado.)
- Fingerhart, Carl, New York, N. Y., and J. C. Goldberg, Newark, N. J., assignors, by mesne assignments, to Reliable Machine Works, Inc., Brooklyn, N. Y. Furrer's comb and iron. 1,998,313; Apr. 16.
- Fingles, William A., Jr., Baltimore, Md., assignor to The Cheney Company, Winchester, Mass. Flashing. 2,008,695; July 23.
- Fink, Carl H., Los Angeles, Calif. Internal combustion engine. 2,008,186; July 16.
- Fink, Claude D., Pomona, Calif. Ornamental lamp. 2,026,164; Dec. 31.
- Fink, Gail J. (See Evans, W., Fink, and Kern.)
- Fink, Harry L., New York, N. Y. Terrazzo strip. 1,988,269; Jan. 15.
- Fink, Heinrich, and E. Rossner, Premnitz, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Solutions of fibroin. 1,989,005; Jan. 22.
- Fink, Heinrich, Premnitz, and E. Rossner, Rathenow, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Artificial fibroid thread. 1,990,588; Feb. 12.
- Fink, Heinrich, Wolfen, Kreis Bitterfeld, and K. Weber, Stockhausen, near Sondershausen, and L. von Wistinghausen, Wolfen Kreis Bitterfeld, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. 2,010,918; Aug. 13.
- Fink, Heinrich, and Ernst Rossner, Premnitz, Westphalia, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of silk fibroin soluble in water. 2,012,882; Aug. 27.
- Fink, Henry F., Bellerose, N. Y. Display case. 2,021,233; Nov. 19.
- Fink, James O. (See Meyer, A. J., and Fink, assignors.)
- Fink, James O., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,986,568; Jan. 1.
- Fink, James O., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,996,914; Apr. 9.
- Fink, James O., assignor to Continental Motors Corporation, Detroit, Mich. Ejector. 2,004,277; June 11.
- Fink, James O., assignor to Continental Motors Corporation, Detroit, Mich. Clutch. 2,010,181; Aug. 6.
- Fink, Jean, assignor to Waltham Watch Company, Waltham, Mass. Electro-magnetic impulse clock. 2,000,585; May 7.
- Fink, Jean, assignor to Waltham Watch Company, Waltham, Mass. Electric clock. 2,019,898; Nov. 5.
- Fink, William L., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloy. 1,986,828; Jan. 8.
- Finkelstein, Hans, and W. Krey, Uerdingen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of 1-chloro-ethylbenzenes. 1,998,538; Apr. 23.
- Finkelstein, Maurice, et al. (See Caesar, Paul, assignor.)
- Finkelstein, William, Philadelphia, Pa. Brief case. 2,010,428; Aug. 6.
- Finken, Walter S., Brooklyn, N. Y. Fluid clutch and transmission. 1,990,067; Feb. 5.
- Finlay, Robert N., Belfast, Ireland. Internal combustion engine. 1,999,451; Apr. 30.
- Finlayson, Alexander. (See Andrews, P. R., and Finlayson.)
- Finlayson, Donald, and J. H. G. Plant, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of aliphatic aldehydes. 1,986,885; Jan. 8.
- Finley, Charles A., and E. G. Layer, Tonawanda, assignors to Remington Rand Inc., Buffalo, N. Y. Index file. 2,009,341; July 23.
- Finley, Charles M., assignor of one-half to R. T. Quick, Jr., Sioux City, Iowa. Rotary engine. 2,015,027; Sept. 17.
- Finley, Dozier, Berkeley, assignor to The Paraffine Company, Inc., San Francisco, Calif. Covering material. 1,990,173; Feb. 5.
- Finley, Dozier, Berkeley, assignor to The Paraffine Companies, Inc., San Francisco, Calif. Pipe wrapping machine. 1,999,151; Apr. 23.
- Finley, Dozier, Berkeley, assignor to The Paraffine Companies, Inc., San Francisco, Calif. Covering for curing concrete. 1,999,152; Apr. 23.
- Finley, Dozier, Berkeley, assignor to The Paraffine Companies, Inc., San Francisco, Calif. Shingle. 2,007,710; July 9.
- Finley, Dozier, and W. R. Greig, Berkeley, assignors to The Paraffine Companies, Inc., San Francisco, Calif. Covering for curing concrete. 2,024,727; Dec. 17.
- Finley, Harold L., assignor to The Loneragan Manufacturing Company, Inc., La Porte, Ind. Liquid fuel burner and burner operation. 2,017,237; Oct. 15.
- Finley, Harold L., assignor to The Loneragan Manufacturing Company, Inc., La Porte, Ind. Space heater. 2,017,238; Oct. 15.
- Finley, Sam E., Atlanta, Ga. Road surfacing composition and making same. 1,991,319; Feb. 12.
- Finn, Ida L., Racine, Wis. Strainer for sinks. 2,005,459; June 18.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Belt and making it. 1,986,925; Jan. 8.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Foxing-cementing machine. 1,988,074; Jan. 15.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making rubber soled shoes. 1,989,853; Feb. 5.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Measuring device. 1,997,721; Apr. 16.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 1,997,722; Apr. 16.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Pad structure for use in the manufacture of compo shoes. 2,012,272; Aug. 27.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Pad for pressing shoes. 2,019,563; Nov. 5.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole pressing means and making shoes. 2,024,154; Dec. 17.
- Finn, William R., et al. (See Scharpf, Arthur W., assignor.)
- Finnegan, George B., Jr. (See Durham, H. N., and Finnegan.)
- Finney, John H. V., Denver, Colo., assignor, by mesne assignments, to The Dorr Company, Inc., New York, N. Y. Camless classification apparatus. 1,997,379; Apr. 9.
- Fintex Corporation, The. (See Bloch, Samuel M., assignor.)
- Fintleman, William R. (See Miller, C. G., and Fintleman.)
- Finzer Brothers Clay Company, The. (See Finzer, Charles S. and E. G., assignors.)
- Finzer, Charles S. and E. G., assignors to The Finzer Brothers Clay Company, Sugar Creek, Ohio. Veneer wall construction. 2,003,996; June 4.
- Finzer, Edward G. (See Finzer, Charles S. and E. G.)
- Flondella, Jean A., East Haven, Conn. Game. 2,002,631; May 28.
- Fiore, Giovanni, New York, N. Y. Producing a mineral oil substitute paint vehicle. 2,020,936; Nov. 12.
- Florini, Guido, Rome, Italy. Building construction. 1,988,075; Jan. 15.
- Floroni, Walter. (See Moser, W., and Floroni.)
- Fiquet, Arthur L., Montigny les Corneilles, and André G. Mousset, St. Mandé, France. Hand shoe-stitching machine. 2,014,318; Sept. 10.
- Firestone Battery Company. (See Gasche, Karl W., assignor.)
- Firestone Battery Company. (See Lewis, Robert H., assignor.)
- Firestone Firex Rubber Company, The. (See Brown, Roy W., assignor.)
- Firestone Footwear Company. (See Carrier, George B., assignor.)
- Firestone Footwear Company. (See Miller, J. M., and Davis, assignors.)
- Firestone, John B., Brooklyn, N. Y., assignor to John F. Meyer, Chicago, Ill. Game apparatus. 2,004,981; June 18.
- Firestone, John B., Brooklyn, N. Y., assignor to J. F. Meyer, Chicago, Ill. Game apparatus. 2,008,009; July 16.
- Firestone Steel Products Company, The. (See Brink, Winfield S., assignor.)
- Firestone Tire & Rubber Company, The. (See Allen, Raymond W., assignor.)
- Firestone Tire & Rubber Company, The. (See Bosomworth, George P., assignor.)
- Firestone Tire and Rubber Company, The. (See Brown, Roy W., assignor.)
- Firestone Tire & Rubber Company, The. (See Cairns, Robert W., assignor.)
- Firestone Tire & Rubber Company, The. (See Hargraves, Albert, assignor.)
- Firestone Tire & Rubber Company, The. (See Hoover, Clair G., assignor.)
- Firestone Tire & Rubber Company, The. (See Hulslander, Ray D., assignor.)
- Firestone Tire & Rubber Company, The. (See Lewis, Arthur P., assignor.)
- Firestone Tire & Rubber Company, The. (See Nichols, George B., assignor.)
- Firestone Tire & Rubber Company, The. (See Park, Charles R., assignor.)

- Firestone Tire & Rubber Company, The. (See Robertson, Isaac W., assignor.)
- Firestone Tire & Rubber Company, The. (See Saurer, Curt, assignor.)
- Firestone Tire & Rubber Company, The. (See Taylor, Raymond S., assignor.)
- Firestone Tire & Rubber Company, The. (See Taylor, R. S., Torrance, and Anderson, assignors.)
- Firestone Tire & Rubber Company, The. (See Ulrich, Rudolf H., assignor.)
- Firle, Emil C., New York, N. Y. Clothes drier. 2,022,712; Dec. 3.
- Firma Moldamuhl Bruder Porak, Papier-und-Pappen-fabriken A. G. (See Wollner, M., and Weber, assignors.)
- First, George B., assignor to Stokes and Smith Company, Philadelphia, Pa. Package smoothing apparatus. 1,988,839; Jan. 22.
- First, Mahlon E. (See McKinnon, H. L., and First.)
- First, Mahlon E., Lakewood, assignor to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Automatic skip hoist. 1,995,770; Mar. 26.
- First, Mahlon E., Lakewood, assignor to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Feeding mechanism. 2,008,247; July 16.
- First National Bank of Massillon, The. (See Beans, John F., assignor.)
- First National Institute of Violin. (See Westman, William W., assignor.)
- Firth, Cyril. (See Mirfield, G. E., Lewis, Firth, and Neale.)
- Firth, Cyril, assignor to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Preparing metal for welding. 1,989,796; Feb. 5.
- Firth, David, assignor to Marvel Carburetor Company, Flint, Mich. Automatic heat control for carburetors. 1,998,497; Apr. 23.
- Firth-Sterling Steel Company. (See Comstock, Gregory J., assignor.)
- Firth-Sterling Steel Company. (See Helmstadter, Philip J., assignor.)
- Firth, William C., assignor to The T-Hold Manufacturing Company, East Cleveland, Ohio. Retaining rack for shelves. 1,998,228; Apr. 16.
- Fisch, Willy. (See Gams A., and Fisch.)
- Fischel, Eduard, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Regulating the altitude of aircraft. 1,997,412; Apr. 9.
- Fischel, Eduard, Berlin-Charlottenburg, assignor to Siemens-Apparate und Maschinen G. m. b. H., Berlin, Germany. Automatic rudder control device. 2,003,930; June 4.
- Fischel, Eduard, Berlin-Charlottenburg, assignor to Siemens-Apparate und Maschinen G. m. b. H., Berlin, Germany. Regulating device. 2,014,965; Sept. 17.
- Fischel, Eduard, Berlin-Charlottenburg, assignor to Siemens Apparate und Maschinen G. m. b. H., Berlin, Germany. Self steering arrangement. 2,016,857; Oct. 8.
- Fischel, Eduard, Berlin-Charlottenburg, and G. Rieper, Berlin-Mariendorf, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Fluid compass. 2,003,929; June 4.
- Fischel, Hermann A., Berlin-Lichterfelde Ost, Germany. Sectional boiler. 2,014,171; Sept. 10.
- Fischel, Paul F. (See Lyman, W. H., and Fischel.)
- Fischer, Albert C., Chicago, Ill. Sponge rubber sheet material having broken cells, said cells being filled with fertilizer, insecticides, or plastic fillers. 2,023,270; Dec. 3.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Roofing. 1,986,471; Jan. 1.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Expansion joint. 1,987,553; Jan. 8.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Combined expansion and contraction joint-tubular type. 1,997,546; Apr. 9.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Constructional block. 1,998,421; Apr. 16.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Combined expansion and contraction joint. 2,005,139; June 18.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Marking strip. 2,015,031; Sept. 17.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Reinforced concrete road construction. 2,015,340; Sept. 24.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Making constructional material. 2,019,449; Oct. 29.
- Fischer, Alexander O., Bremen, Germany. Automatic door and like controlling device. 1,987,330; Jan. 8.
- Fischer, Anthony J. (See Downes, F. A., Fischer, and Lund.)
- Fischer, Anthony J., Jackson Heights, assignor to The Dorr Company, Inc., New York, N. Y. Sewage treatment. 1,986,332; Jan. 1.
- Fischer, Anthony J., Jackson Heights, assignor, by mesne assignments, to The Dorr Company, Inc., New York, N. Y. Sewage sludge treatment. 1,997,252; Apr. 9.
- Fischer, Anthony J., Jackson Heights, and N. B. Lund, Seaford, assignors to The Dorr Company, Inc., New York, N. Y. Sewage digestion. 1,989,589; Jan. 29.
- Fischer, Charles, New York, N. Y. Flexible shaiting. 1,995,420; Mar. 26.
- Fischer, Dietrich, Hamburg, Germany. Supporting device for the trailers of saddle tractors. 1,998,712; Apr. 23.
- Fischer, Edward F., Cleveland, Ohio, assignor, by mesne assignments, to Magnesium Development Corporation. Alloy. 1,992,655; Feb. 26.
- Fischer, Erich, Bad Soden-on-the-Taunus, and E. Mahler, Frankfurt-on-the-Main-Hochst, Germany, assignors, to General Aniline Works, Inc., New York, N. Y. Nitro-aryl Amino-aryl amines. 2,006,735; July 2.
- Fischer, Erich, Bad Soden-on-the-Taunus and W. Gmelin, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Yellow azo-dye-stuff capable of being chromed. 2,009,611; July 30.
- Fischer, Erich, Bad Soden-on-the-Taunus, and H. Kracker, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Yellow mono-azodyestuffs capable of being chromed. 2,023,953; Dec. 10.
- Fischer, Ernest, Frankfurt-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Colored rubber products and producing them. 2,006,211; June 25.
- Fischer, Ernst. (See Laska, L., Zitscher, Fischer and Lamberz.)
- Fischer, Ernst, Frankfurt-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo dyestuffs. 2,025,582; Dec. 24.
- Fischer, Ernst, Berlin-Lichterfelde/West, and Hans Gantz-kow, Berlin-Weissensee, Germany, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Communication cable with reduced magnetic coupling. 2,002,344; May 21.
- Fischer, Eugene H., Derry, Pa. Insulator. 2,008,414; July 16.
- Fischer, Eugene H., Derry, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for molding insulators. 2,007,567; July 9.
- Fischer, Fred, Jr., Paterson, N. J. Shuttle. 1,997,052; Apr. 9.
- Fischer, Fred W., Toledo, Ohio. Cooking vessel. 2,007,678; July 9.
- Fischer, Fritz. (See Arni, H., Fischer and Rantsch.)
- Fischer, Fritz, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Shutter for reproducing and copying lenticulated films. 1,989,134; Jan. 29.
- Fischer, Fritz, Berlin-Charlottenburg, F. Strecker, Berlin-Siemensstadt, and K. Rantsch, Tetlow-Seehof, near Berlin, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Device for illuminating lenticulated films from the side of the photographic layer. 2,019,698; Nov. 5.
- Fischer, Fritz, and H. Schuchmann, Berlin-Charlottenburg, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt near Berlin, Germany. Transmitting measurements to a remote point. 2,023,221; Dec. 3.
- Fischer, Fritz A., assignor to Electroacoustic Gesellschaft mit Beschränkter Haftung, Kiel, Germany, a firm. Electrical compensator for the directional transmission or reception of wave energy. 1,995,708; Mar. 26.
- Fischer, H. G., Co. (See Fischer, H. G., Musket, and Osborn, assignors.)
- Fischer, H. G., & Company. (See Fischer, H. G., Musket and Richardson, assignors.)
- Fischer, Hans, assignor to The Falk Corporation, Milwaukee, Wis. Internal combustion engine. 2,019,298; Oct. 29.
- Fischer, Hans R., Berlin-Tempelhof, and R. Herzog, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Telegraphic transmitter. 1,988,270; Jan. 15.
- Fischer, Henry L., East St. Louis, assignor to Eagle Foundry Company, Belleville, Ill. Oil burner. 2,003,111; May 28.
- Fischer, Herbert G. M., Westfield, N. J., assignor to Standard Oil Development Company. Preparing organic disulphides. 2,001,715; May 21.
- Fischer, Herbert G. M., Westfield, N. J., and C. E. Gustafson, Elizabeth, N. J., assignors to Standard Oil Development Company. Hydrocarbon oil and making the same. 2,004,094; June 11.
- Fischer, Herbert G. M., Westfield, and C. E. Gustafson, Elizabeth, N. J., assignors to Gasoline Antioxidant Company. Motor fuels containing inhibitors. 2,019,899; Nov. 5.
- Fischer, Herman G., Chicago, and H. H. Osborn, Elmwood Park, Ill., assignors, by mesne assignments, to X-Ray Shoe Fitter, Inc., Milwaukee, Wis. Foot X-ray machine. 2,001,188; May 14.
- Fischer, Herman G., P. P. Musket and D. E. Richardson, assignors to H. G. Fischer & Company, Chicago, Ill. Low voltage generator. 2,004,751; June 11.
- Fischer, Herman G., P. P. Musket, and H. H. Osborn, assignors to H. G. Fischer Co. Inc., Chicago, Ill. Spark gap for X-ray apparatus. 2,024,350; Dec. 17.
- Fischer, Herman G., P. P. Musket, and H. H. Osborn, assignors to H. G. Fischer & Company, Inc., Chicago, Ill. Therapeutic table. 2,024,351; Dec. 17.

- Fischer, Hermann O., assignor to Package Machinery Company, Springfield, Mass. Bottle capping machine. 1,986,505; Jan. 1.
- Fischer, Howard, et al. (See Adsit, F. W., and Murray, assignors.)
- Fischer, John S., Cheektowaga, N. Y. Battery terminal tool. 2,020,052; Nov. 5.
- Fischer, John W., et al. (See Loaring, Thomas W., assignor.)
- Fischer, Louis G., Warsaw, N. Y. Toy autogyro. 2,012,600; Aug. 27.
- Fischer, Max W., Washington, D. C. Flare. 1,988,446; Jan. 22.
- Fischer, Norman C., assignor to Armour and Company, Chicago, Ill. Preparation of egg products. 1,996,800; Apr. 9.
- Fischer, Norman C., assignor to Armour and Company, Chicago, Ill. Preparation of egg products. 1,996,801; Apr. 9.
- Fischer, Oscar K., assignor of one-half to Phillip Fischer, Chicago, Ill. Game apparatus. 2,023,676; Dec. 10.
- Fischer, Otto, Vienna, Austria, and M. E. Bernhardt, New York, N. Y.; said Fischer assignor to said Bernhardt. Article containing and dispensing device. 1,986,259; Jan. 1.
- Fischer, Paul E., Weebawken, N. J., assignor to the firm Fr. Hesser, Maschinenfabrik-Aktien-Gesellschaft, Bad Cannstatt, Germany. Measuring and filling device. 2,014,617; Sept. 17.
- Fischer, Phillip. (See Fischer, Oscar K., assignor.)
- Fischer, Sidney, Brooklyn, N. Y. Shoe rack. 1,995,383; Mar. 26.
- Fischer, Thomas. (See Caro, N., Frank, and Fischer.)
- Fischer, Thomas. (See Caro, N., Frank, Wendlandt, and Fischer.)
- Fischer, Ulrich. (See Chatelain, Arthur B., assignor.)
- Fischer, Victor, Beziers, France. Casting mold for coating cores for artificial teeth with wax. 2,011,477; Aug. 13.
- Fischer, Victor, Beziers, France. Blank for artificial teeth. 2,025,344; Dec. 24.
- Fischman, Max, assignor of one-half to E. S. Sheinberg, Pittsburgh, Pa. Dispenser for perfume and the like. 2,024,570; Dec. 17.
- Fischhoff, Eugene, South Bend, Ind. Table seat. 2,005,652; June 18.
- Fish, Earl R., assignor to W. C. Lipe Inc., Syracuse, N. Y. Clutch assembling machine. 1,995,738; Mar. 26.
- Fish, Gilbert D., Peiham, N. Y., assignor to Frank S. Lyon, Minneapolis, Minn. Overhead railway for suspended cars. 2,014,430; Sept. 17.
- Fish, Harold, Stratford, Conn. Revolving center for machine tools. 2,011,273; Aug. 13.
- Fish, Val. (See Grosh, E. B., Fish, and Cohen.)
- Fishback, Robert W., and B. Burns, Los Angeles, Calif., assignors, by mesne assignments, to Hughes Industries Co. Ltd., Houston, Tex. Multiple printer for motion picture films. 2,008,904; July 23.
- Fishbone, Anna J., New York, N. Y. Garment support. 1,987,253; Jan. 8.
- Fishburn, Otto E. (See White, S. O., and Fishburn.)
- Fishburn, Otto E., Muncie, Ind., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Free-wheeling device for automobiles. 2,023,197; Dec. 3.
- Fishburn, Otto E., Muncie, Ind., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Over-running clutch mechanism. 2,023,198; Dec. 3.
- Fisher, Albert F., Brighton, and H. H. Schott, assignors to Robeson-Rochester Corporation, Rochester, N. Y. Coffee making apparatus. 2,011,102; Aug. 13.
- Fisher, Alfred, assignor to Universal Oil Products Company, Chicago, Ill. Treating hydrocarbon oils and bituminous materials. 2,010,357; Aug. 6.
- Fisher, Alfred J., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Closed car ventilation. 1,996,573; Apr. 2.
- Fisher, Alfred J., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Vehicle body ventilation. 1,998,126; Apr. 16.
- Fisher, Ann M., Los Angeles, Calif. Conveying messages. 2,001,018; May 14.
- Fisher, Charles B., Williamsport, Pa. Bow. 2,000,832; May 7.
- Fisher, Chas. W. (See McAnallen, Leo W., assignor.)
- Fisher, David. (See Fisher, Harry, assignor.)
- Fisher, Edwin H., assignor to Fisher Scientific Company, Pittsburgh, Pa. Removal of frozen plugs from stop-cocks. 1,999,537; Apr. 30.
- Fisher, Edwin H., assignor to Fisher Scientific Company, Pittsburgh, Pa. Pinch clamp. 2,008,440; July 16.
- Fisher, Ernest F., St. Louis, Mo. Apparatus for cooling liquids. 2,016,086; Oct. 1.
- Fisher Flouring Mills Co. (See Fisher, O. W., and Walter, assignors.)
- Fisher, Frank L., Cumberland, Md. Two cycle internal combustion engine. 1,999,092; Apr. 23.
- Fisher, Franklin C., Los Angeles, assignor of twenty per cent to A. W. Knight, San Marino, twenty per cent to W. R. Freeman, twenty per cent to L. B. Girard, Los Angeles, and twenty per cent to J. R. Estey, South Pasadena, Calif. Clutch. 2,002,979; May 28.
- Fisher, Frederick E. (See Merrill, W. L., and Fisher.)
- Fisher, Frederick E., Scotia, N. Y., assignor to General Electric Company. Magnetic wedge. 2,015,554; Sept. 24.
- Fisher, George F., Lake Forest, Ill. Dispensing container. 2,022,031; Nov. 26.
- Fisher, Gerald M. (See Moeller, B. A., and Fisher.)
- Fisher, Harmon F., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Continuous process contact dehydration. 2,018,302; Oct. 22.
- Fisher, Harold J., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control in signaling systems. 2,026,305; Dec. 31.
- Fisher, Harold W. (See Howard, F. A., Shepard, and Fisher.)
- Fisher, Harry, assignor to D. Fisher, Rochester, N. Y. Exercising chair for invalids. 2,009,730; July 30.
- Fisher, Harry C., Cincinnati, assignor to The Richardson Company, Lockland, Ohio. Preparation of pulps containing hard binder substances. 2,022,311; Nov. 26.
- Fisher, Harry C., Norwood assignor to The Richardson Company, Lockland, Ohio. Fibrous composition. 2,023,675; Dec. 10.
- Fisher, Henry A., and J. P. Lindsay, Parkersburg, W. Va. Method and apparatus for making glass articles. 2,005,519; June 18.
- Fisher Hosiery Co. (See Katzenmoyer, Harry E., assignor.)
- Fisher, J. M., Company. (See Chilson, Lewis S., assignor.)
- Fisher, James B., and M. Hofmann, assignors to Waukesha Motor Company, Waukesha, Wis. Injection engine. 2,000,225; May 7.
- Fisher, Joe C., Centralia, Ill. Wrench. 2,023,832; Dec. 10.
- Fisher, John H., Elyria, Ohio. Coal shovel. 2,005,416; June 18.
- Fisher, John H., and S. Siegel, assignors to Aerovox Corporation, Brooklyn, N. Y. Electrical terminal. 2,017,204; Oct. 15.
- Fisher, John T., Indianapolis, Ind. Smoking device. 2,011,478; Aug. 13.
- Fisher, Joseph B., Strathmore, Calif. Arithmetic teaching device. 1,992,366; Feb. 26.
- Fisher, Joseph C., St. Marys, assignor to The Streine Tool and Manufacturing Company, New Bremen, Ohio. Holddown device for automatic shearing machines. 2,017,752; Oct. 15.
- Fisher, Joseph C., near Celina, and E. A. Klefer, New Bremen, assignors to The Streine Tool and Manufacturing Company, Minster, Ohio. Die for two-roll corrugating machines. 2,022,082; Nov. 26.
- Fisher, Joseph S., New York, N. Y. Advertising calendar. 2,003,142; May 28.
- Fisher, Orin W., and R. E. Walter, assignors to Fisher Flouring Mills Co., Seattle, Wash. Electrically controlled scale mechanism. 2,022,659; Dec. 3.
- Fisher, Oswald, Manchester, Conn. Portable drafting table. 2,008,441; July 16.
- Fisher, Paul K., and J. H. Wichtner, Detroit, Mich., assignors to The Commercial Milling Company. Machine for maintaining constant moisture content in a granular material. 2,016,920; Oct. 8.
- Fisher, Ralph D., Long Beach, and W. H. Pierce, San Marino, Calif. Joint for connecting parts of well drilling and well pumping equipment. 2,010,587; Aug. 6.
- Fisher, Richard E., San Francisco, Calif. Pipe coupling. 1,996,287; Apr. 2.
- Fisher, Robert P., Los Angeles, assignor of one-third to I. Thomas, Whittier, Calif. Jar. 2,025,944; Dec. 31.
- Fisher, Roy F., et al. (See Flint, Floyd E., assignor.)
- Fisher, Samuel J., Washington, D. C. Venetian blind. 1,994,194; Mar. 12.
- Fisher Scientific Company. (See Fisher, Edwin H., assignor.)
- Fisher Scientific Company. (See Natuszak, Maryan P., assignor.)
- Fisher, W. W., et al. (See Vogel, Bruce D., assignor.)
- Fisher, Walter S., assignor to The Willys-Overland Company, Toledo, Ohio. Sleeve valve engine and oiling means. 2,011,549; Aug. 13.
- Fish Net and Twine Co., The. (See Lichtenstein, Valentine, assignor.)
- Fisk, Gustaf L., Pittsburgh, assignor to Mesta Machine Company, Homestead, Pa. Rolling mill. 2,002,531; May 28.
- Fisk, Merton L., Somerville, and G. M. Greene, Stoneham, Mass. Window parting bead. 1,993,093; Mar. 5.
- Fisk Rubber Corporation, The. (See Benson, Arthur E., assignor.)
- Fisk Rubber Corporation, The. (See Desautels, Charles H., assignor.)
- Fisk Rubber Corporation, The. (See Littlefield, Lloyd M., assignor.)
- Fisk Rubber Corporation, The. (See Maynard, Charles E., assignor.)
- Fiske, Augustus H., Warren, B. W. Colby, Providence, and G. B. Lewis, Rumford, assignors to Rumford Chemical Works, Rumford, R. I. Multiuse batter product. 2,000,888; Mar. 7.
- Fiske, Augustus H., Warren, and C. S. Bryan, Providence, R. I., assignors to Rumford Chemical Works, Rumford, R. I. Producing tetraphosphates. 2,019,665; Nov. 5.
- Fiske, Augustus H., Warren, and C. S. Bryan, Providence, R. I., assignors to Rumford Chemical Works, Rumford, R. I. Obtaining tetraphosphates. 2,019,666; Nov. 5.

- Fiske, Augustus H., Warren, and C. S. Byran, Providence, assignors to Rumford Chemical Works, Rumford, R. I. Preparing thiotetraphosphates and product thereof. 2,025,503; Dec. 24.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Trolley hoisting device. 1,995,298; Mar. 26.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, Wilmington, Del. Demountable truck body. 2,003,287; June 4.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, Wilmington, Del. Load lifting cradle. 2,007,187; July 9.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, Wilmington, Del. Demountable freight container. 2,017,057; Oct. 15.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, Wilmington, Del. Door. 2,018,663; Oct. 29.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Apparatus for raising loaded containers. 2,020,306; Nov. 12.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, Wilmington, Del. Load weighing device. 2,020,307; Nov. 12.
- Fitch, Clyde J. (See Lemmon, W. S., and Fitch.)
- Fitch, Ellery R. (See Cook, E. S., and Fitch.)
- Fitch, Ellery R., Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,016,408; Oct. 8.
- Fitch, Ellery R., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,016,409; Oct. 8.
- Fitch, William A., Schenectady, N. Y., assignor to General Electric Company. Resistance-capacitance coupled amplifier. 1,990,781; Feb. 12.
- Fitch, William H., Plainfield, N. J. Recuperator for open hearth furnaces. 2,004,916; June 11.
- Fithian, Lon, Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Leveling and adjusting block. 2,004,238; June 11.
- Fitton, Cyrus J. (See Yingling, Frank B., assignor.)
- Fitton, Cyrus J. (See Yingling, F. B., and Fitton.)
- Fitz, Charles L., Chicago, Ill. Projector. 2,008,099; July 16.
- Fitz, Wilhelm, Essen-Ruhr, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Recovery of salts from salt solutions. 2,013,438; Sept. 3.
- Fitz, Wilhelm, and J. Daniels, Essen Ruhr, Germany. Coking of coals. 2,018,664; Oct. 29.
- Fitz Gerald, Alan S., Wynnewood, Pa. Vapor-electric control system. 1,989,187; Jan. 29.
- Fitz Gerald, Alan S., Wynnewood, Pa. Photo-electric system. 2,016,036; Oct. 1.
- Fitz Gerald, Alan S., Wynnewood, Pa. Electric control system. 2,021,099; Nov. 12.
- Fitz Gerald, Alan S., Wynnewood, Pa. Automatic regulating system. 2,026,124; Dec. 31.
- Fitz Gerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. Electric valve circuit. 1,988,271; Jan. 15.
- Fitz Gerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. Signal transmitter. 1,989,510; Jan. 29.
- Fitz Gerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. Regulating system. 2,025,584; Dec. 24.
- Fitz Gerald, Alan S., Schenectady, N. Y., assignor to General Electric Company. Carrier current selector system. 1,989,509; Jan. 29.
- Fitz Gerald, Alan S., Wynnewood, Pa., and G. W. Garman, Scotia, N. Y., assignors to General Electric Company. Regulating system. 2,025,583; Dec. 24.
- Fitzgerald, Alvah E., assignor to Holland Furnace Company, Holland, Mich. Blower bearing. 2,009,653; July 30.
- Fitzgerald, George J., et al. (See Greenberg, Harry, assignor.)
- Fitz Gerald, Harold G., assignor to Illuminating Engineering Co., Los Angeles, Calif. Light source. 1,992,199; Feb. 26.
- Fitzgerald, James J., New York, N. Y. Flying machine. 2,014,377; Sept. 17.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Automatic primer for internal combustion engines. 1,993,925; Mar. 12.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Automatic choke control. 1,996,802; Apr. 9.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,000,279; May 7.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,000,280; May 7.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Clutch mechanism for engine starters. 2,004,431; June 11.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,004,432; June 11.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,004,433; June 11.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,004,434; June 11.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,010,984; Aug. 13.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Primer for internal combustion engines. 2,013,728; Sept. 10.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Carburetor. 2,017,239; Oct. 15.
- Fitz Gerald, John W., assignor to Allen-Bradley Company, Milwaukee, Wis. Cut-out for spark plug suppressors. 2,021,056; Nov. 12.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,024,441; Dec. 17.
- Fitzgerald Manufacturing Company, The. (See Fitzgerald, Martin D., assignor.)
- Fitzgerald Manufacturing Company, The. (See Fitzgerald, Maurice F., assignor.)
- Fitzgerald Mfg. Company, The. (See Fitzgerald, Patrick J., assignor.)
- Fitzgerald, Martin D., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Gauging tool for spark plugs. 1,990,430; Feb. 5.
- Fitzgerald, Maurice F., assignor to The Fitzgerald Manufacturing Company, Winsted, Conn. Thermostatically controlled curling iron. 1,999,898; Apr. 30.
- Fitzgerald, Patrick J., assignor to The Fitzgerald Mfg. Company, Torrington, Conn. Slicing and shredding device. 1,996,957; Apr. 9.
- Fitzgerald, Patrick J., assignor to The Fitzgerald Mfg. Company, Torrington, Conn. Slicing and shredding device. 1,997,413; Apr. 9.
- Fitzgerald, Reginald P., Braintree, assignor to Pneumatic Drop Hammer Company, Boston, Mass. Drop hammer. 1,990,478; Feb. 12.
- Fitzgerald, Reginald P., Braintree, assignor to Pneumatic Drop Hammer Company, Boston, Mass. Power hammer construction. 1,990,479; Feb. 12.
- Fitzgibbon, Joseph, West Easton, Pa. Buoyant roller boat. 2,011,045; Aug. 13.
- Fitz-On Sales Corporation. (See Critchley, James V., assignor.)
- Fitz-On Sales Corporation. (See Dahlin, John A., assignor.)
- Fitz-On Sales Corporation. (See Fitzsimmons, James F., assignor.)
- Fitz-On Sales Corporation. (See Maccarone, Fred, assignor.)
- Fitzpatrick, Arthur W. (See Kobiolke, A. G., and Fitzpatrick.)
- Fitzpatrick, Hugh D., Glasgow, Scotland, assignor to Clifton Limited, Douglas, Isle-of-Man. Golf club. 2,020,679; Nov. 12.
- Fitzpatrick, James C. (See Rhodes, E. O., and Fitzpatrick.)
- Fitzpatrick, James R., Grand Rapids, Mich., assignor, by mesne assignments, to Reconstruction Finance Corporation. Fire resistant veneered panel. 1,987,506; Jan. 8.
- Fitzpatrick, Jeremiah J., Tulsa, Okla. Combined sucker rod coupling and guide. 1,995,095; Mar. 19.
- Fitzpatrick, John. (See Melton, R. L., and Fitzpatrick.)
- Fitzsimmons, James F., Belmont, assignor to Fitz-On Sales Corporation, Boston, Mass. Top lift attachment. 1,995,058; Mar. 19.
- Fitzsimmons, John T., administrator. (See Davis, Charles H., Jr.)
- Fitzsimmons, John T., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Ignition apparatus. 1,997,459; Apr. 9.
- Fitzsimmons, John T., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition rotor. 1,997,460; Apr. 9.
- Fiamefreddo, John, Chicago, Ill. Scouring pad handle. 2,014,494; Sept. 17.
- Fix, Earl L., New Kensington, and B. J. Dennison, Tarentum, Pa., assignors to Duplate Corporation. Laminated glass and making the same. 2,003,288; June 4.
- Fix, Earl L., New Kensington, and J. C. Zola, Tarentum, Pa., assignors to Duplate Corporation. Laminated glass. 2,006,347; July 2.
- Fix, Earl L., New Kensington, Pa., and J. C. Zola, Detroit, Mich., assignors to Duplate Corporation. Laminated glass and making the same. 2,006,348; July 2.
- Fix, Earl L., New Kensington and B. J. Dennison, Tarentum, Pa., assignors to Duplate Corporation. Laminated glass and making the same. 2,009,441; July 30.
- Fjellman, Vera C. E., Stockholm, Sweden. Bag for the protection of clothes. 2,022,560; Nov. 26.
- Fjellstedt, Thorsten A., Wheaton, Ill. Hydraulic transmission for motor vehicles. 1,999,288; Apr. 30.
- Flad, William L. (See Bausch, E., and Flad.)
- Flader, Frederic, Buffalo, N. Y., assignor, by mesne assignments to Curtiss Aeroplane & Motor Company, Inc. Rib construction. 2,014,801; Sept. 17.
- Flader, Fredric E., and D. C. Rowe, Kenmore, N. Y., assignors to Curtiss Aeroplane & Motor Company, Inc. Amphibian landing gear. 2,025,735; Dec. 31.
- Flader, Herman A., Denver, Colo. Clamping tool. 1,990,820; Feb. 12.
- Flagg, Edward B., North Granby, assignor of one-half to Kai T. Mauritzen, West Hartford, Conn. Collapsible tube. 2,014,066; Sept. 10.
- Flagg, Ray C., and A. C. Wood, Sr., Brewerton, N. Y. Fish-holding implement. 2,015,262; Sept. 24.
- Flagiello, Vincenzo, Terni, Italy. Machine for finishing armor plate piercing shells. 2,018,123; Oct. 22.

- Flaherty, John T., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Material handling apparatus. 2,011,808; Aug. 20.
- Flakall Corporation. (See Mathews, Clair B., assignor.)
- Flakice Corporation. (See Field, Crosby, assignor.)
- Flakice Corporation. (See Field, C., and Short, assignors.)
- Flam, John. (See Winger, Stover C., assignor.)
- Flameking Company. (See Moir, Charles J., assignor.)
- Flamini, Cesar, Buenos Aires, Argentina. Starting, stopping, and speed changing in motor cars and the like. 1,991,202; Feb. 12.
- Flammang, John, P. L. Bowser, and H. Ernst, assignors to The Sterling Corporation, St. Louis, Mo. Mold. 1,993,438; Mar. 5.
- Flammang, John, University City, P. L. Bowser, St. Louis, and H. Ernst, Pine Lawn, assignors to The Sterling Corporation, St. Louis, Mo. Molding machine. 1,993,439; Mar. 5.
- Flammang, John, University City, and P. L. Bowser, St. Louis, Mo., assignors, by mesne assignments, to The Sterling Corporation, Wilmington, Del. Trunk piston. 1,998,277; Apr. 16.
- Flanagan, Charles A., assignor to Swift and Company, Chicago, Ill. Vent shield. 2,018,714; Oct. 29.
- Flanagan, Charles A., assignor to Swift and Company, Chicago, Ill. Triangular prism shaped tin. 2,020,827; Nov. 12.
- Flanagan, John M., Scarsdale, N. Y. Heat retaining device for window structures. 2,009,917; July 30.
- Flanagan, Thomas B., assignor to The Exact Weight Scale Company, Columbus, Ohio. Weighing scale. 2,009,018; July 23.
- Flanagan, Thomas B., assignor to The Exact Weight Scale Company, Columbus, Ohio. Weighing scale. 2,009,019; July 23.
- Flanagan, Thomas B., assignor to The Exact Weight Scale Company, Columbus, Ohio. Scale. 2,009,020; July 23.
- Flanders, Edward F. (See Starks, L. F., and Flanders.)
- Flanders, Paul B., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibration translating system. 1,988,001; Jan. 15.
- Flanders, Paul B., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pressure measuring system. 2,001,096; May 14.
- Flanders, Paul B., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mechanical impedance meter. 2,008,857; July 23.
- Flanders, Ralph E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Hydraulic transmission. 1,987,186; Jan. 8.
- Flanders, Ralph E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Hydraulic pump or motor. 2,015,423; Sept. 24.
- Flanigan, George E. (See Ansbacher, S., Flanigan and Supplee.)
- Flanigan, George E. (See Supplee, G. C., and Flanigan.)
- Flanigan, George E. (See Supplee, G. C., Flanigan, and Bender.)
- Flanigan, George F., and G. C. Supplee, Bainbridge, assignors to The Borden Company, New York, N. Y. Preparation of soluble lactalbumin. 2,023,014; Dec. 3.
- Flanigan, John G., executor. (See Geraghty, John P., assignor.)
- Flanigan, John J., Oak Park, assignor to Vivid, Incorporated, Chicago, Ill. Duplicating machine. 1,988,272; Jan. 15.
- Flanigan, John J., Oak Park, assignor to Vivid, Incorporated, Chicago, Ill. Duplicating machine. 1,992,417; Feb. 26.
- Flanigan, John J., Oak Park, Ill., assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Duplicating machine. 1,992,418; Feb. 26.
- Flanigan, John J., Oak Park, Ill., assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Duplicator. 2,011,713; Aug. 20.
- Flanigan, John J., Oak Park, assignor to Vivid, Incorporated, Chicago, Ill. Duplicating machine. 2,021,409; Nov. 19.
- Flathoe, Einar L., Everett, Wash. Wire faced roll for paper making machines. 2,025,445; Dec. 24.
- Flatley, Richard E., Elizabeth, N. J., assignor to Standard Oil Development Company. Thermocouple. 2,002,532; May 28.
- Flaws, John, Jr., Cleveland Heights, Ohio, assignor to General Electric Company. Method and machine for making grids. 1,994,307; Mar. 12.
- Flaws, John, Jr., Cleveland Heights, Ohio, assignor to General Electric Company. Connection for filament and lead wires. 1,998,958; Apr. 23.
- Flaxman, Marcellus T., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Liquid polishing wax. 2,010,297; Aug. 6.
- Fleagle, James H., Seattle, Wash. Vehicle brake. 1,997,253; Apr. 9.
- Fleckenstein, Clemens T., and T. H. Byrne, Lancaster, Ohio, assignors to Bond Electric Corporation, Jersey City, N. J. Dry cell. 2,025,028; Dec. 24.
- Fleckenstein, Frederick S., Syracuse, assignor to The Barrett Company, New York, N. Y. Expansion joint for concrete roads. 2,008,667; July 23.
- Fleckenstein, George A., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Loop-taker for sewing machines. 2,009,292; July 23.
- Fleckenstein, George A., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating system for needle-thread take-up mechanism. 2,009,293; July 23.
- Fleckenstein, George A., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,016,938; Oct. 8.
- Fleer, Isaac. (See Rosenberg, I. B., and Fleer.)
- Fleet, Almond O., Buffalo, N. Y. Transportation device. 2,009,654; July 30.
- Fleetwood Craftsman, Inc. (See Waters, W. H., and Kern, assignors.)
- Flegel, Harrison D., Racine, Wis. Heat controlled closure for receptacles. 1,993,507; Mar. 5.
- Flegel, Harrison D., Racine, Wis. Agitator for drink mixers. 2,021,626; Nov. 19.
- Flehr, Paul D. (See Fowler, Harlan D., assignor.)
- Fleischel, Gaston, Blenau, assignor to The "Société pour l'Application des Transmissions Automatiques Fleischel", Paris, France. Automatic speed ratio control. 1,993,544; Mar. 5.
- Fleischel, Gaston, Blenau, assignor to "Société pour l'Application des transmissions automatiques Fleischel", Paris, France. Apparatus for progressively changing speed ratios. 1,996,915; Apr. 9.
- Fleischer, Arthur, Hartford, Conn., assignor to Kalumite Company, Philadelphia, Pa. Apparatus for manufacture of basic alumina. 1,995,343; Mar. 26.
- Fleischer, Arthur, Hartford, Conn., assignor to Kalumite Company, Philadelphia, Pa. Manufacture of alumina hydrate. 2,000,939; May 14.
- Fleischer, Charles, Brooklyn, N. Y. Semiautomatic vending machine. 2,011,574; Aug. 20.
- Fleischer, I., & Sons. (See Fleischer, Nathan I., assignor.)
- Fleischer Mills, Inc., The. (See Fleischer, Nathan I., assignor.)
- Fleischer, Nathan I., assignor to I. Fleischer & Sons, Cincinnati, Ohio. Protective cover for garments. 2,000,324; May 7.
- Fleischer, Nathan I., assignor to The Fleischer Mills, Inc., Cincinnati, Ohio. Garment protector. 2,026,464; Dec. 31.
- Fleischer, Norbert A., Chicago, Ill. Savings bank. 2,020,176; Nov. 5.
- Fleischmann Distilling Corporation, The. (See Fuerst, Edwin W., assignor.)
- Fleishel, Jule T. (See Curtis, R. L., and Fleishel.)
- Fleisher, Walter L., New York, N. Y. Conditioning unit. 1,988,076; Jan. 15.
- Fleisher, Walter L., New York, N. Y. Conditioning unit. 1,991,976; Feb. 19.
- Fleisher, Walter L., New City, N. Y. Cooling bread. 2,021,772; Nov. 19.
- Fleming, Alexander, Miami, Fla. Butt gauge. 2,021,595; Nov. 19.
- Fleming, Arthur H. (See Classen, Alexander, assignor.)
- Fleming, Augustine L. N., Rutherford, N. J. Safety device for gas ranges. 2,021,483; Nov. 19.
- Fleming, Charles F., and J. L. Havins, Houston, Tex. Block mold. 2,006,132; June 25.
- Fleming, Edward J., Jr., Springfield, Mass. Support for oil tanks. 1,995,202; Mar. 19.
- Fleming, Edward P., Salt Lake City, Utah, and S. L. Palmer, San Francisco, Calif., assignors to American Smelting and Refining Company, New York, N. Y. Treating molten metal. 2,005,540; June 18.
- Fleming, Eli L., Long Beach, Calif. Beam counterbalance. 2,022,713; Dec. 3.
- Fleming, George E., Woodside, N. Y. Volume control device for electron tube systems. 1,989,797; Feb. 5.
- Fleming, Howard B., Scarborough, assignor to The Boyd Corporation, Portland, Maine. Tail gate release. 2,016,267; Oct. 1.
- Fleming Manufacturing Company. (See Fleming, Wells S., assignor.)
- Fleming, Raymond E., assignor to The Reyburn Manufacturing Company, Philadelphia, Pa. Machine for producing pin tickets. 2,021,596; Nov. 19.
- Fleming, Robert L., Xenia, Ill. Automatic torch lighters. 1,990,936; Feb. 12.
- Fleming, Walter P., Detroit, Mich. Mechanical golf tee. 2,013,881; Sept. 10.
- Fleming, Warren O., assignor to Corning Glass Works, Corning, N. Y. Loeer. 1,995,974; Mar. 26.
- Fleming, Wells S., assignor to Fleming Manufacturing Company, Chicago, Ill. Floor drain. 2,019,779; Nov. 5.
- Fleming, Wilfred K., Canton, and R. L. Haskins, Boston, Mass. Radio interference eliminator. 2,015,667; Oct. 1.
- Fleming, William B., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Coupling device for sectional conveyors. 2,016,994; Oct. 8.
- Flemming, Charles F., assignor to Roth Rubber Company, Cicero, Ill. Sponge rubber and manufacturing the same. 2,019,489; Nov. 5.
- Flemming, Walter. (See Speer, W., and Flemming.)
- Flemming, Walter, and W. Speer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Catalytic oxidation of ketones. 2,005,183; June 18.
- Flenner, Albert L. (See Engelman, M., and Flenner.)
- Fleschutz, Herman D., Coudersport, Pa. Heel plate. 1,995,975; Mar. 26.
- Flesh, Alfred L., assignor to The Piqua Hosiery Company, Inc., Piqua, Ohio. Bathing suit. 1,994,990; Mar. 19.

- Flesh, Alfred L., assignor to The Atlas Underwear Company, Piqua, Ohio. Garment. 2,018,665; Oct. 29.
- Flesh, Alfred L., assignor to The Atlas Underwear Company, Piqua, Ohio. Garment. 2,018,666; Oct. 29.
- Flesselles, Warren F., Potts Point, near Sydney, New South Wales, Australia. Combination tool. 1,999,125; Apr. 23.
- Flesselles, Warren F., Potts Point, near Sydney, New South Wales, Australia. Gauge. 2,007,329; July 9.
- Fletcher, Charles L. (See Malm, C. J., and Fletcher.)
- Fletcher, Charles L. (See Staud, C. J., and Fletcher.)
- Fletcher, Charles N. (See Evans, A. H., and Fletcher.)
- Fletcher, Charles W., New York, N. Y., and R. H. Stone, Bound Brook, N. J., assignors to Titeflex Metal Hose Co. Pipe coupling. 2,025,382; Dec. 24.
- Fletcher, Clarence T., deceased, by R. A. Fletcher, executrix, New Kensington, Pa., assignor to Aluminum Company of America. Electrical conductor. 1,992,656; Feb. 26.
- Fletcher, Clarence T., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Shaft and making same. 1,994,069; Mar. 12.
- Fletcher, Edward T., Redlands, Calif. Curtain ring adjuster. 2,020,053; Nov. 5.
- Fletcher, George A., Bromley, England, assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Printing and article resulting therefrom. 1,997,769; Apr. 16.
- Fletcher, Harold A., Chicago, Ill. Controllable pitch propeller. 2,001,189; May 14.
- Fletcher, Harold W. (See Brogniez, F., and Fletcher.)
- Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Pipe joint and constructing the same. 1,993,269; Mar. 5.
- Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Apparatus for plunger lift control. 2,018,206; Oct. 22.
- Fletcher, Henry O., Manchester, N. H. Milling machine. 2,007,827; July 9.
- Fletcher, James, Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Steam separator. 2,007,966; July 16.
- Fletcher, James H., Wilmette, Ill., assignor, by mesne assignments, to Peale-Davis Company, Wilmington, Del. Method and apparatus for separating refuse from coal. 2,014,249; Sept. 10.
- Fletcher, John, assignor to Electric Trading Corporation, New York, N. Y. Portable electric cooker. 2,004,937; June 18.
- Fletcher, John, Kenmore, assignor to Plastergon Wall Board Company, Buffalo, N. Y. Fire resisting article and making same. 2,010,015; Aug. 6.
- Fletcher, Paul R., Harrisonburg, Va. Bottle washing machine. 1,986,964; Jan. 8.
- Fletcher, Ruth A., executrix. (See Fletcher, Clarence T.)
- Fletcher, Sydney E., Hopewell Junction, N. Y., assignor to Elliot, Greene & Co., Inc. Loom. 1,995,384; Mar. 26.
- Fletcher, Walter J. (See Graham, T. C., and Fletcher.)
- Fletcher Works, Incorporated. (See Bartholomew, Robert J., assignor.)
- Fletcher Works, Incorporated. (See Schaum, Fletcher, assignor.)
- Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Co. Inc., New York, N. Y. Precipitation of metal halide addition compounds of diazonium halides. 1,999,723; Apr. 30.
- Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of nitro-arylamines. 2,012,307; Aug. 27.
- Flettnier, Anton, Berlin, Germany. Flying machine. 2,002,287; May 21.
- Flewelling, Edmund T., assignor to F. L. Walker, Dayton, Ohio. Radio apparatus. 1,999,137; Apr. 23.
- Flexible Steel Lacing Company. (See Olsen, John C., assignor.)
- Flexible Truck Corporation. (See Taylor, Howard D., assignor.)
- Flexlume Corporation. (See Brandt, Alfred L., Sr., assignor.)
- Flexlume Corporation. (See Cudney, Harry J., assignor.)
- Flexlume Corporation. (See Woolrich, Edward S., assignor.)
- Flexo Heat Company, Inc. (See Whitney, Charles L., assignor.)
- Flick, Zeno E., Jackson, Mich., and J. R. Price, Kansas City, Mo. Metallic packing. 1,991,893; Feb. 19.
- Flikkie, Henry J. (See Shank, McC., and Flikkie.)
- Flinn, Myron, Las Animas, Colo. Wrench. 2,014,319; Sept. 10.
- Flint, Floyd F., Detroit, Mich. Pump. 2,022,660; Dec. 3.
- Flint, Floyd F., Detroit, Mich., assignor of one-half to R. F. Fisher, Detroit, Mich., and one half to Van Sickler Corporation. Fuel feeding device. 2,014,966; Sept. 17.
- Flint, Francis C., Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Fused preparation for glass batches. 1,986,720; Jan. 1.
- Flint, Harry M., assignor to The Gates Rubber Company, Denver, Colo. Valve stem for pneumatic tubes. 2,015,070; Sept. 24.
- Flint, Hyland C., Chicago, Ill. Folding support. 1,995,260; Mar. 19.
- Flint, James G. (See McWhirter, E. M. S., Flint, and Chapman.)
- Flint, Robert B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical compounds and making same. 1,999,186; Apr. 30.
- Flint, Robert B., and P. L. Salzberg, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Salt of polyhydroxy amines with organic acids and preparing same. 1,994,467; Mar. 19.
- Flint, Robert B., and P. L. Salzberg, Wilmington, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing glucamines and related products. 2,016,962; Oct. 8.
- Flint, Robert B., and P. L. Salzberg, Wilmington, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Product comprising glucamines and related substances. 2,016,963; Oct. 8.
- Flintermann, Augusta D., executrix. (See Blagg, G. E., and Flintermann.)
- Flintermann, Carl H. L., deceased, Birmingham, Mich., by Union Guardian Trust Company, administrator, Detroit, Mich., assignor to Wilcox-Rich Corporation, Detroit, Mich. Making valves. 2,009,045; July 23.
- Flintermann, Edgar D., Detroit, Mich., assignor to Michigan Steel Casting Co. Valve structure. 1,995,845; Mar. 26.
- Flintermann, Rudolph F. (See Blagg, G. E., and Flintermann.)
- Flintkote Company, The. (See Terrey, Augustus G., assignor.)
- Flintkote Company, The. (See Terrey, A. G., Gabriel, and Blott, assignors.)
- Floan, John P., Bayside, assignor to Chadeloid Chemical Company, New York, N. Y. Putting green and other materials. 2,013,558; Sept. 3.
- Flocco, Vincent, Newark, N. J. Locking garment hanger. 2,024,442; Dec. 17.
- Flockhart, James, Newark, N. J. Oil cooler. 2,003,744; June 4.
- Flogaus, Howard A., Ferndale, assignor to Yellow Truck and Coach Manufacturing Company, Pontiac, Mich. Rear end drive. 1,998,713; Apr. 23.
- Flogaus, Howard A., Ferndale, assignor to General Motors Truck Corporation, Pontiac, Mich. Motor vehicle driving mechanism. 2,001,870; May 21.
- Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Printing machine. 2,007,526; July 9.
- Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Transferring pins. 2,014,726; Sept. 17.
- Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Ticket remarker. 2,014,727; Sept. 17.
- Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Ticket feeding and printing. 2,023,045; Dec. 3.
- Flood Company, The. (See Flood, Earl D., assignor.)
- Flood, Earl D., Cleveland Heights, assignor to The Flood Company, Cleveland, Ohio. Gauging means. 2,012,601; Aug. 27.
- Flood, Leon B., Bothell, assignor of one-fourth to R. C. Moffitt, Seattle, Wash. Filter. 1,987,847; Jan. 15.
- Flood, Walter H., Chicago, Ill. Bituminous paving mixture. 2,023,068; Dec. 3.
- Floody, Oscar W. (See Dumser, L. A., and Floody.)
- Flook, Walter D. (See Gustin, D. S., and Flook.)
- Floor Covering Patents, Inc. (See Turkington, Victor H., assignor.)
- Floraday, Burton S., assignor to The Dura Company, Toledo, Ohio. Seat construction. 1,987,331; Jan. 8.
- Floraday, Burton S., Toledo, Ohio, assignor to Hydraulic Brake Company, Detroit, Mich. Brake mechanism. 2,014,173; Sept. 10.
- Florance, Raymond M., Washington, D. C. Recorder. 1,997,137; Apr. 9.
- Florence, Loui, Peterboro, Ontario, Canada. Soap dispenser. 2,009,083; July 23.
- Florence Pipe Foundry & Machine Company. (See Camerota, Louis A., assignor.)
- Florence Pipe Foundry & Machine Company. (See Sitzler, Thomas B., assignor.)
- Florence Stove Company. (See Bradbury, William T., assignor.)
- Florence Stove Company. (See Ruttiman, Alfred, assignor.)
- Florentin, Jean M. F. D. (See Kling, A. J., and Florentin.)
- Flori, Charles, Marseille, France. Washing, dyeing, rinsing, and drying machine. 1,987,436; Jan. 8.
- Florida Fruit Canners, Inc. (See Keenan, Edward T., assignor.)
- Floridin Company. (See Meade, J. E., and Nystrom, assignors.)
- Florisson, Charles L., Courbevoie (Becon-Les-Bruyeres), assignor of one-half to Societe de Condensation & d'Applications Mecaniques, Paris, France. Sound emitting system. 2,012,187; Aug. 20.
- Florman, Irving. (See Nyden, Robert, assignor.)
- Florman, Irving, New York, N. Y. Container. 1,989,590; Jan. 29.
- Florman, Irving, New York, N. Y. Electric clock. 2,008,610; July 16.
- Florman, Irving, New York, N. Y. Cigarette lighter. 2,014,320; Sept. 10.

- Florman, Irving, New York, N. Y., assignor of one-half to J. Spencer Clark, Baltimore, Md. Container for cigarette packages. 2,010,783; Aug. 6.
- Florman, Irving, and R. Rolwing, New York, N. Y. Cocktail skirt. 2,006,238; June 25.
- Florman, Irving, New York, N. Y. Electric cigar lighter. 2,020,142; Nov. 5.
- Flory, Harry G., and S. G. Coley, Luton, assignors to George Kent, Limited, London, England. Variable velocity ratio device. 1,987,554; Jan. 8.
- Flory, Tom W., Ottawa, Kans. Route file. 2,002,887; May 28.
- Flottmann Aktiengesellschaft. (See Köhlen, Hans, assignor.)
- Flounders, Frank R. (See Harrison, T. L., and Flounders.)
- Flower, Alpheus, London, England. Piston. 2,007,495; July 9.
- Flowers, Alan E., Poughkeepsie, assignor to The DeLaval Separator Company, New York, N. Y. Centrifugal tube. 2,009,690; July 30.
- Flowers, Alan E., and G. J. Strezynski, Poughkeepsie, assignors to The De Laval Separator Company, New York, N. Y. Feed tube for centrifuges. 1,988,002; Jan. 15.
- Flowers, Rex H., Indianapolis, Ind., assignor to American Telephone and Telegraph Company. Telephone system. 1,993,833; Mar. 12.
- Floyd, George G. (See Oelkers, A. H., and Floyd.)
- Floyd, Harry T., St. Louis, Mo. Casket truck. 2,016,232; Oct. 1.
- Floyd, Henry G. (See Claussen, A. W., and Floyd.)
- Floyd, Walter B., and G. E. Edmunds, assignors to The Bonney-Floyd Company, Columbus, Ohio. Centrifugal casting method and apparatus. 1,993,655; Mar. 5.
- Floyd-Wells Company, The. (See Schneider, Frank H., assignor.)
- Fluck, Gisbert, Neustadt-on-the-Hardt, Germany. Multi-directional control of liquid and gas flow. 2,008,248; July 16.
- Fluegel, William R., Astoria, N. Y. Steerable sled. 2,019,958; Nov. 5.
- Flukes, Andrew, assignor of one-third to E. L. Ballew and one-third to M. Bloom, Chicago, Ill. Refrigeration. 2,005,258; June 18.
- Flummerfelt, William A., Columbus, Ohio, assignor to The Columbus Auto Parts Company. Joint. 1,993,156; Mar. 5.
- Flummerfelt, William A. (See Klages, R. E., and Flummerfelt.)
- Flury, Godfrey, Austin, Tex. Safety arrow release device for bows in archery. 2,000,015; May 7.
- Flury, Richard, assignor to Gemmer Manufacturing Company, Detroit, Mich. Cutter. 1,998,665; Apr. 23.
- Flury, William J., L. P. Brandel, and F. Halfen, Long Beach, Calif. Inside casing cutter. 1,998,804; Apr. 23.
- Fly, Paul C. (See Vallender, M. L., and Fly.)
- Flygare, Carl G., and W. H. Wood, assignors to Norton Company, Worcester, Mass. Hydraulically operated grinding machine. 2,022,542; Nov. 26.
- Flynn, Benjamin H., Alexandria, La. Rotary cutter. 2,014,321; Sept. 10.
- Flynn and Collins. (See Flynn, John, assignor.)
- Flynn, Edmund J., and G. F. A. Stutz, Palmerton, and C. B. Schertzinger, Slatington, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Lithopone manufacture. 2,007,527; July 9.
- Flynn, Edward S., Lowell, Mass., assignor to Davis & Furber Machine Company, North Andover, Mass. Card roller mounting machine. 2,000,070; May 7.
- Flynn, Edward S., Lowell, assignor to Davis & Furber Machine Company, North Andover, Mass. Card clothing resetting machine. 2,000,071; May 7.
- Flynn & Emrich Company. (See Turner, J. F., and Breidenbaugh, assignors.)
- Flynn, Frank E., Youngstown, Ohio. Charging mechanism for continuous heating furnaces. 1,998,985; Apr. 23.
- Flynn, John, assignor to Flynn and Collins, Los Angeles, Calif. Tire retreading and remolding apparatus. 2,020,023; Nov. 5.
- Flynn, John R., and E. L. Graf, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Screen for an automotive vehicle. 2,019,127; Oct. 29.
- Flynt, Louis W. G., East Orange, assignor to Breeze Corporations, Inc., Newark, N. J. Retractable coupling. 2,006,828; July 2.
- Flynt, Louis W. G., East Orange, assignor to Breeze Corporations, Inc., Newark, N. J. Tank filler cap. 2,016,773; Oct. 8.
- Flynt, Robert C., assignor of two-fifths to Forrest G. Miles, Winston-Salem, N. C. Sheet folding mechanism. 2,000,636; May 7.
- Fobian, John P. (See Ferris, Walter and J. P., Fobian, and Benedek.)
- Focha, William F., Piedmont, Calif., assignor to Walles Dove-Hermiston Corporation, New York, N. Y. Feeding or driving mechanism. 1,998,714; Apr. 23.
- Focke, Theodore B. (See Resek, M., and Focke.)
- Fockler, Theodore C. (See Brown, J. L., and Fockler.)
- Fodor, Ambrosius. (See Stein, M., and Fodor.)
- Fockler, John P., Sr., Milwaukee, Wis. Household tool. 2,004,524; June 11.
- Foehl, Willard L. (See Smith, J. G., and Foehl.)
- Foerster, Max E., Richmond Hill, N. Y., assignor to American Machine & Foundry Company. Sealer for wrapping machines. 1,998,127; Apr. 16.
- Foerster, Adolph W., Detroit, Mich., and C. Booth, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,000,586; May 7.
- Foggan, George N., Pleasantville, Pa. Oil well pump. 2,014,562; Sept. 17.
- Fogland, Ervie P., Palmer, Nebr. Brooder. 2,019,216; Oct. 29.
- Föhl, Carl, assignor to Ruthsaccumulator Aktiebolag, Berlin, Germany. Accumulating system. 2,001,304; May 14.
- Folberth, Frederick G., and W. M. Folberth, Cleveland, Ohio. Automotive vehicle control mechanism. 1,994,244; Mar. 12.
- Folberth, Frederick G., and W. M. Folberth, Cleveland, Ohio. Control mechanism for fluid pressure cylinders. 2,008,442; July 16.
- Folberth, Frederick G., and W. M. Folberth, Cleveland, Ohio. Brake actuating mechanism. 2,009,169; July 23.
- Folberth, Frederick G., and W. M. Folberth, Cleveland, Ohio. Control valve for fluid pressure actuated brakes and the like. 2,009,170; July 23.
- Folberth, Frederick G., and W. M. Folberth, Cleveland, Ohio. Vehicle brake. 2,011,334; Aug. 13.
- Folberth, Frederick G., and W. M. Folberth, Cleveland, Ohio. Fluid pressure actuated device. 2,015,449; Sept. 24.
- Folberth, Frederick G., and W. M. Folberth, Cleveland, Ohio. Automotive vehicle control apparatus. 2,015,450; Sept. 24.
- Folberth, Frederick G., and W. M. Folberth, Cleveland, Ohio. Fluid pressure control mechanism. 2,018,843; Oct. 29.
- Folberth, Frederick G., and W. M. Folberth, Cleveland, Ohio. Control apparatus for fluid pressure actuated devices. 2,018,844; Oct. 29.
- Folberth, Frederick G., and W. M. Folberth, Cleveland, Ohio. Brake mechanism. 2,018,845; Oct. 29.
- Folberth, William M. (See Folberth, Frederick G., and W. M.)
- Földi, Zoltán. (See König, R., and Földi.)
- Földi, Zoltán, Budapest, Hungary, assignor to the firm Chinoin Gyógyszer-Es Vegyeszeti Termékek Gyára R. T./Dr. Kereszty & Dr. Wolf, Ujpest, Hungary. Producing cyclical disubstituted tetrazoles. 2,020,937; Nov. 12.
- Folds, George R., assignor to Cook Electric Company, Chicago, Ill. Furnace control. 1,996,237; Apr. 2.
- Foley, Edward T. (See Bradley, A., and Foley.)
- Foley, Leroy T. (See Minsky, S. V., Foley, and Leopold.)
- Foley, Lyndon L., Tulsa, Okla. Determining well volumes. 2,010,755; Aug. 6.
- Foley, William J., Bayonne, N. J. Folding swing. 1,991,737; Feb. 19.
- Folk, George W., South Bend, Ind. Thermostatic furnace regulator. 1,990,540; Feb. 12.
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,004,601; June 11.
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Combined work holder and clamp. 2,004,602; June 11.
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Gauge plate construction. 2,004,603; June 11.
- Folke, Bengt E., Mamaroneck Village, assignor to Nathan Manufacturing Company, New York, N. Y. Lubricating system. 2,007,797; July 9.
- Folkerth, Harry C., Indianapolis, Ind. Head lamp. 2,010,481; Aug. 6.
- Follin, Ernest E., assignor to Standard Oil Company, Chicago, Ill. Canning foods. 2,013,343; Sept. 3.
- Follin, Ernest E., Chicago, Ill., and V. Voorhees, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Dry cleaning machine. 1,990,984; Feb. 12.
- Folliot, Joseph E. A. (See de Meric de Bellefon, H. M. J., and Folliot.)
- Follis, Ralph G. (See Hamilton, W. G., Follis, and McCormick.)
- Follmer, Clogg & Co. (See Knight, Samuel H., assignor.)
- Follmer, Harold W., Selingsgrove, Pa. Tension equalizing device for spinning machines. 1,995,203; Mar. 19.
- Folmer-Chapin Corporation. (See Folmer, W. F., and Chapin, assignors.)
- Folmer-Electracide Corporation. (See Folmer, William F., assignor.)
- Folmer Grafex Corporation. (See Hineline, Edson S., assignor.)
- Folmer, William F., assignor to Folmer-Electracide Corporation, Rochester, N. Y. Insect electrocuting device. 1,985,921; Jan. 1.
- Folmer, William F., and H. L. Chapin, assignors to Folmer-Chapin Corporation, Rochester, N. Y. Insect exterminator. 2,001,414; May 14.
- Folmsbee, Clyde H., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Supporting means for car tanks. 1,988,308; Jan. 15.
- Folmsbee, Clyde H., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Valve mechanism for car tanks. 2,011,314; Aug. 13.
- Folsom, Edward C., Toledo, Ohio, assignor, by mesne assignments, to The American Brake Shoe and Foundry Company. Brake shoe. 2,004,278; June 11.
- Folsom-Jones, Laurie, Washington, D. C. Reservoir applicator. 2,025,591; Dec. 24.

- Folsom, Robert H., Glendale, Calif., assignor to Young Radiator Company, Racine, Wis. Air conditioning system with dehumidifier and reheater. 2,018,780; Oct. 29.
- Foltz, Cyrus, Swayzee, Ind. Gate hinge. 2,006,267; June 25.
- Foltz, Raymond D., South Orange, N. J., and R. C. Denny, assignors to M. H. Detrick Company, Chicago, Ill. Furnace construction. 2,022,312; Nov. 26.
- Fonda, Gorton R., and A. H. Young, Schenectady, N. Y., assignors to General Electric Company. Operating vapor electric lamps. 2,025,585; Dec. 24.
- Fonda, John S. (See Hyden, W. L., and Fonda.)
- Fonrobert, Ewald, and F. Lemmer, Wiesbaden, Germany, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Phenolic condensation product. 1,990,985; Feb. 12.
- Fons, Joseph S., Royal Oak, Mich. Pipe clamp. 2,009,046; July 23.
- Fonson, Octave, and A. A. E. Goffin, Brussels, Belgium, said Goffin assignor to said Fonson. Hydropneumatic pump. 1,994,341; Mar. 12.
- Fontaine, Robert A. (See Schottland, M. R., and Fontaine.)
- Fontaine, Robert A., Martinsville, Va. Brick stack carrying trailer. 1,986,926; Jan. 8.
- Fontan, Le Roy H., Rutherford, N. J., assignor to The Napier Company, Meriden, Conn. Shaker rack. 1,992,657; Feb. 26.
- Fontan, LeRoy H., Rutherford, N. J., assignor to The Napier Company. Drink mixer. 2,013,615; Sept. 3.
- Fontana, Cesare, La Spezia, Italy. Reduction gear for the reduction ratio with automatic variation. 1,993,476; Mar. 5.
- Fonville, John L., Burlington, N. C., assignor to King Cotton Mills Corporation, Richmond, Va. Stocking. 2,004,656; June 11.
- Fonyo, Aladar, Chicago, Ill. Bottle closure. 2,004,690; June 11.
- Food Concentrates, Inc. (See Northcutt, R. T., and Johnston, assignors.)
- Food Machinery Corporation. (See Colin, F. S., and Rogers, assignors.)
- Food Machinery Corporation. (See Cutler, Frank W., assignor.)
- Food Machinery Corporation. (See de Back, William, assignor.)
- Food Machinery Corporation. (See Devers, John M., assignor.)
- Food Machinery Corporation. (See Fairchild, Stephen J., assignor.)
- Food Machinery Corporation. (See Hait, James M., assignor.)
- Food Machinery Corporation. (See Hanson, F. A., and Lewis, assignors.)
- Food Machinery Corporation. (See Hatch, Hugh B., assignor.)
- Food Machinery Corporation. (See Holmquist, August, assignor.)
- Food Machinery Corporation. (See Jones, Lloyd E., assignor.)
- Food Machinery Corporation. (See Knight, Floyd A., assignor.)
- Food Machinery Corporation. (See Magnuson, Roy M., assignor.)
- Food Machinery Corporation. (See Martin, Thomas, assignor.)
- Food Machinery Corporation. (See Myers, Thomas G., assignor.)
- Food Machinery Corporation. (See Omsted, Kaare, assignor.)
- Food Machinery Corporation. (See Pierce, Harold C., assignor.)
- Food Machinery Corporation. (See Schmidt, John, assignor.)
- Food Machinery Corporation. (See Sharma, Jagan N., assignor.)
- Food Machinery Corporation. (See Smith, Henry L., assignor.)
- Food Machinery Corporation. (See Stebler, Fred, assignor.)
- Food Machinery Corporation. (See Stockdale, Harry C., assignor.)
- Food Machinery Corporation. (See Thompson, Albert R., assignor.)
- Food Machinery Corporation. (See Van Wyk, P., and Acheson, assignors.)
- Food Machinery Corporation. (See Vickery, George P., assignor.)
- Food Machinery Corporation. (See Wheeler, Henry J., assignor.)
- Food Processing Company, The. (See Mills, John, assignor.)
- Foodem, David S., New York, N. Y. Child's garment. 2,003,683; June 4.
- Foose, Edward, Wheeling, W. Va. Subsink structure. 2,021,410; Nov. 19.
- Foot Form of Brooklyn Inc. (See Johnson, Philip T., assignor.)
- Foot Norm Inc. (See McCahan, J. H., Fuller, and Samblanet, assignors.)
- Foot-Burt Company, The. (See Doan, Theodore H., assignor.)
- Foot-Burt Company, The. (See Nygren, Edgar E., assignor.)
- Foot Company, The. (See Blood, George E., assignor.)
- Footte, Edward B., assignor to Taylor Instrument Companies, Rochester, N. Y. Temperature responsive device. 1,995,885; Mar. 26.
- Footte, Thomas W., Cleveland, Ohio. Swivel chair. 1,986,105; Jan. 1.
- Footte, Wayland I., Griffin, Ga. Fishhook. 2,004,316; June 11.
- Footthorap, Harry A., Harrisburg, Pa., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Tabulating mechanism for typewriting machines. 1,990,480; Feb. 12.
- Footthorap, Harry A., Harrisburg, Pa., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Shock absorbing mechanism for typewriters. 1,992,940; Mar. 5.
- Footthorap, Harry A., Harrisburg, Pa., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Column register for calculating machines. 1,994,639; Mar. 19.
- Footthorap, Harry A., Harrisburg, Pa., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,998,498; Apr. 23.
- Footthorap, Harry A., Harrisburg, Pa., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Control mechanism for typewriting machines. 2,002,695; May 28.
- Footthorap, Harry A., Harrisburg, Pa., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Crossfooter register. 2,003,997; June 4.
- Footthorap, Harry A., Harrisburg, Pa., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Item register for writing-adding machines. 2,015,516; Sept. 24.
- Foraker, William S., Zanesville, Ohio. Method and apparatus for refrigeration. 2,026,227; Dec. 31.
- Forbes, Allan D. (See Hellmund, R. E., and Forbes.)
- Forbes, Allan D. (See Schaeclhin, W., and Forbes.)
- Forbes, Allan D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 1,991,088; Feb. 12.
- Forbes, Arthur L., Jr., and C. O. Byrne, El Paso, Tex. Apparatus for reactivating a treating agent. 2,014,250; Sept. 10.
- Forbes, David H., assignor to Armstrong Cork Company, Lancaster, Pa. Rubber article and producing the same. 1,990,937; Feb. 12.
- Forbes, Gertrude K. (See Speik, Frederick A., assignor.)
- Forbes, Gertrude K. (See Speik, F. A., and Forbes.)
- Forbes, Gertrude K., South Pasadena, Calif. Mop. 1,989,854; Feb. 5.
- Forbes, James B., assignor to J. L. Wright, Inc., Chicago, Ill. Toy building set. 2,012,160; Aug. 20.
- Forbes, James B., assignor to Alco Products Incorporated, New York, N. Y. Heat exchanger. 2,021,856; Nov. 19.
- Forbes, James C., and S. Krusch, assignors to O. F. Jordan Company, East Chicago, Ind. Railroad spreader. 2,014,172; Sept. 10.
- Forbes, John S., Pittsburgh, Pa., and E. J. Kimm, Dayton, Ohio, assignors to Kewest Manufacturing Company, Pittsburgh, Pa. Valve or valve fitting. 2,006,712; July 2.
- Forbes, Kingston, Flint, assignor to General Motors Corporation, Detroit, Mich. Radiator shutter. 2,007,600; July 9.
- Forbes Lithograph Manufacturing Company. (See Brunings, William E., assignor.)
- Forbes Lithograph Manufacturing Company. (See Knight, Eugene U., assignor.)
- Forbes Lithograph Manufacturing Company, The. (See Larkin, James L., assignor.)
- Forbes Lithograph Manufacturing Company. (See O'Keefe, Carroll J., assignor.)
- Forbes, Thomas C., Hopkins, and O. R. Hedberg, Minneapolis, Minn. Minnow pail. 2,002,572; May 28.
- Forbes, Walter D., San Francisco, Calif. Nursing bottle device. 2,010,258; Aug. 6.
- Forbes, William A., San Francisco, Calif. Insecticide and/or fungicide. 1,987,005; Jan. 8.
- Ford, Arthur S., Philmont, N. Y., assignor to General Electric Vapor Lamp Co., Hoboken, N. J. Luminescent tube. 2,009,375; July 23.
- Ford, Bacon and Davis, Inc., et al. (See Riney, A. H., and Gibbs, assignors.)
- Ford, Ben K., Westfield, and L. L. Weaver, Cranford, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Strands and assembling them. 1,997,210; Apr. 9.
- Ford, Ben K., Westfield, and L. L. Weaver, Cranford, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for assembling strands. 1,997,211; Apr. 9.
- Ford, Eugene A., Scarsdale, N. Y. Fuel injection device for engines. 1,988,309; Jan. 15.
- Ford, Eugene A., Scarsdale, N. Y., assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Clamping means for slicing machines. 1,997,966; Apr. 16.
- Ford, Eugene A., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Device for feeding and sensing record sheets. 2,016,711; Oct. 8.

- Ford, George F., Los Angeles, and W. F. Pittman, Huntington Park, assignors to Fibreboard Products Inc., San Francisco, Calif. Gluing machine. 2,000,325; May 7.
- Ford, George F., Los Angeles, and W. F. Pittman, Huntington Park, Calif., assignors to Fibreboard Products Inc., San Francisco, Calif. Box making machine. 2,004,604; June 11.
- Ford, Hannibal C., Kings Point, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Differential gearing. 1,987,674; Jan. 15.
- Ford, Harold P., Seattle, Wash. Furnace. 2,010,985; Aug. 13.
- Ford, Henry, Philadelphia, Pa. Pipe cleaning apparatus. 2,008,100; July 16.
- Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Internal combustion engine. 1,993,992; Mar. 12.
- Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Vehicle brake. 1,993,993; Mar. 12.
- Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Water pump. 1,998,611; Apr. 23.
- Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Valve tappet. 1,998,612; Apr. 23.
- Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Engine clutch. 1,998,613; Apr. 23.
- Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Automobile chassis construction. 2,020,054; Nov. 5.
- Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Distributor. 2,020,405; Nov. 12.
- Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Internal combustion engine crank shaft. 2,020,406; Nov. 12.
- Ford Instrument Company. (See Ford, Hannibal C., assignor.)
- Ford Instrument Company. (See Poitras, E. J., and Tear, assignors.)
- Ford Instrument Company, Inc. (See Ross, E. P., and Lawrence, assignors.)
- Ford Instrument Company. (See Rothwell, J. J., Jr., and Stuart, assignors.)
- Ford, Ira D. (See Clark, J. M., and Ford.)
- Ford, Ira D., Roseland, Ontario, Canada, and J. M. Clark, assignors to Universal Button Fastening & Button Company, Detroit, Mich. Button manufacture. 2,016,238; Oct. 1.
- Ford, Ira D., Roseland, Ontario, Canada, and J. M. Clark, assignors to Universal Button Fastening & Button Company, Detroit, Mich. Manufacture of buttons. 2,016,239; Oct. 1.
- Ford, James B., Tulsa, Okla. Aircraft body. 2,003,433; June 4.
- Ford, James G., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Corrosion-resisting product. 1,994,911; Mar. 19.
- Ford, James W., Chicago, Ill. Orthodontic appliance. 2,011,575; Aug. 20.
- Ford, Jay T. (See Randolph, D. W., and Ford.)
- Ford, Jerry N., Monterey Park, Calif. Stream line traffic signal for vehicles. 2,021,447; Nov. 19.
- Ford, John H., Washington, D. C. Bookstack. 2,011,356; Aug. 13.
- Ford, John H., Washington, D. C. Reinforced metal shelf. 2,011,357; Aug. 13.
- Ford, John L., assignor to Ford Meter Box Company, Wabash, Ind. Meter support. 1,988,003; Jan. 15.
- Ford, Joseph C., assignor to The Celon Company, Madison, Wis. Means for molding articles. 2,025,029; Dec. 24.
- Ford, Joseph C., assignor to The Celon Company, Madison, Wis. Stripper. 2,025,030; Dec. 24.
- Ford Meter Box Company. (See Ford, John L., assignor.)
- Ford Motor Company. (See Farkas, Eugene J., assignor.)
- Ford Motor Company. (See Ford, Henry, assignor.)
- Ford Motor Company. (See Galamb, Joseph, assignor.)
- Ford Motor Company. (See Groven, Frederick J., assignor.)
- Ford Motor Company. (See Grover, F. J., and Ploch, assignors.)
- Ford Motor Company. (See Laird, Joseph S., assignor.)
- Ford Motor Company. (See Porter, John E., assignor.)
- Ford Motor Company. (See Sorensen, Charles E., assignor.)
- Ford Motor Company. (See Wharam, John J., assignor.)
- Ford, Patrick E., Cedar Rapids, Iowa. Doorlock. 2,016,895; Oct. 8.
- Ford Roofing Products Company. (See Guy, Harry L., assignor.)
- Ford, Samuel W., Detroit, Mich. Range boiler union. 1,987,366; Jan. 8.
- Ford, Samuel W., Detroit, Mich. Range boiler union. 1,992,200; Feb. 26.
- Ford, Shelley W., Cincinnati, Ohio. Garment pressing machine. 2,008,905; July 23.
- Ford, Thomas C., Kankakee, Ill., assignor to American Asphalt Paint Co. Metallic paint. 1,992,695; Feb. 26.
- Ford, Trefy E. (See Semon, W. L., and Ford.)
- Ford, Trefy E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Plastic rubber derivative. 2,024,987; Dec. 17.
- Ford, Trace S., Des Moines, Iowa. Duplicate cribbage board. 1,993,322; Mar. 5.
- Ford, Violet M., executor and trustee et al. (See Clark, J. M., and Ford.)
- Ford, William W., Oklahoma City, Okla. Drafting instrument. 1,995,204; Mar. 19.
- Ford, William W., assignor to The Patent and Licensing Corporation, Boston, Mass. Siding material. 1,993,134; Mar. 5.
- Forde, Thomas H., Oakland, Calif., assignor to Diascope Corporation Ltd., San Francisco, Calif. Melting and casting unit. 1,990,862; Feb. 12.
- Forde, Thomas H., assignor to Diascope Corporation Ltd., San Francisco, Calif. Electric furnace muffle construction. 2,002,241; May 21.
- Forde, Thomas H., assignor to Diascope Corporation Ltd., San Francisco, Calif. Electric furnace. 2,015,926; Oct. 1.
- Forderer Cornice Works. (See Johnson, James R., assignor.)
- Fordyce, Charles R. (See Malm, C. J., and Fordyce.)
- Fordyce, Charles R., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic film. 2,000,587; May 7.
- Fordyce, Charles R., Rochester, N. Y., and J. D. Coleman, Jr., Columbus, Ohio, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose mixed ester coatings. 2,013,825; Sept. 10.
- Fordyce, John R., Hot Springs, Ark. Revetment. 2,001,130; May 14.
- Foreman, Leslie A., Hobart Township, Lake County, Ind., assignor to Frank J. Werner, Hobart, Ind. Pie tin ring. 2,025,680; Dec. 24.
- Forest Wadding Company. (See Bangs, Ralph L., assignor.)
- Forest Wadding Company. (See Bangs, R. L., and Hermanson, assignors.)
- Forest City Foundries Company, The. (See Kuenhold, Otto J., assignor.)
- Forester, Alois W., Garden City, N. Y. Reinforcement of sheathing for beams. 2,020,407; Nov. 12.
- Foret, Frederick J. (See Englebright, A. E., Foret and Currens.)
- Forges et Ateliers de Constructions Electriques de Jeumont, Société Anonyme. (See Leroy, Louis, assignor.)
- Forkey, Herbert E., assignor to United Elastic Corporation, Easthampton, Mass. Garter. 2,023,729; Dec. 10.
- Forman, George J., Montville, Conn. Paper making machine. 1,995,802; Mar. 26.
- Forman, Howard L., Kitchawan, N. Y. Refrigerating apparatus. 2,000,440; May 7.
- Forman, James, Astoria, Long Island, N. Y., assignor to F. B. Boback, New York, N. Y., doing business under the name of Progress Supply Company. Liquid dispenser. 2,000,167; May 7.
- Forman, Parls R., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Door shaft construction. 1,990,898; Feb. 12.
- Formica Insulation Company, The. (See Cochrane, John D., Jr., assignor.)
- Fornaci, Curio, Terni, Italy. Armor piercing projectile. 2,021,685; Nov. 19.
- Foreau, René, assignor to Société Anonyme des Anciens Etablissements A. Chanard, Rueil (Seine and Oise), France. Suction apparatus. 2,015,998; Oct. 1.
- Forseman, Robert A., Moores, Pa., assignor to Westinghouse Electric and Manufacturing Company. Ash disposal apparatus. 2,016,323; Oct. 8.
- Forney, Clarence H., and C. R. MacDonald, assignors to The Consolidated Paper Company, Monroe, Mich. Spool. 1,997,770; Apr. 16.
- Forney, James D., Fort Collins, Colo. Electric soldering tool. 2,014,728; Sept. 17.
- Forney, Ross H., Dallas, Tex. Combination gas and oil burner. 1,991,894; Feb. 19.
- Forrer, Roy, assignor to The Ohio Boxboard Company, Ritman, Ohio. Pouring carton. 2,020,680; Nov. 12.
- Forrest, Charles N., Cranford, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Paving mixture and producing same. 2,025,945; Dec. 31.
- Forrest, Frank R., and F. I. Lindau, West Allis, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Acid pump. 2,017,026; Oct. 8.
- Forrest, Henry O., Teaneck, N. J. Air conditioning. 2,017,027; Oct. 8.
- Forrest, Thomas W., Fresno, Calif., assignor to Sun-Maid Raisin Growers of California. Fruit coating method. 2,005,184; June 18.
- Forrester, Jay H., Hammond, Ind., assignor to Standard Oil Company (Indiana), Chicago, Ill. Treating hydrocarbon oil. 2,011,479; Aug. 13.
- Forrester, Jesse W., Marshfield, Oreg. Logging equipment hanging device. 1,996,509; Apr. 2.
- Forrester, John B. C. (See Kemp, George H., assignor.)
- Forrester Largilliere Engineering & Milling Company. (See Forrester, Peter C., assignor.)
- Forrester, Peter C., Tacoma, Wash., assignor to Forrester-Largilliere Engineering & Milling Company. Pulverizer. 2,012,602; Aug. 27.
- Forsberg, Axel A., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,021,298; Nov. 19.
- Forsberg, Harold S., Stratford, Conn. Saw handle. 2,016,107; Oct. 1.
- Forsberg, Peter W., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,020,114; Nov. 5.
- Forsberg, Ted, San Leandro, Calif. Gas generator for fumigation purpose. 2,003,745; June 4.
- Forshey, Elmore A., assignor to American Optical Company, Southbridge, Mass. Diagnostic instrument. 2,014,888; Sept. 17.

- Forst, Albert C., Alameda, Calif. Surfacing electrodes for electrical-discharge tubes. 2,015,424; Sept. 24.
- Forster, Arthur, assignor to Luftschiffbau Zeppelin Gesellschaft mit Beschränkter Haftung, Friedrichshafen, Bodensee, Germany. Bracing the circumference of gas-inflated rigid airships. 2,004,785; June 11.
- Forster, Harry J., Chicago, Ill. Tube scraper. 2,018,124; Oct. 22.
- Forster, Percy M. (See Rowe, E. A., and Forster.)
- Forster, Percy M., Berkeley, Calif. Poultry brooder. 1,991,053; Feb. 12.
- Forster, Thomas L., Berkeley, Calif. Gas burner. 2,004,317; June 11.
- Forsthoeft, Gregg F., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,012,262; Aug. 27.
- Forstmann, Albrecht, Berlin, Germany. Amplifier connection system. 1,992,063; Feb. 19.
- Forsyth, Albert E., assignor to Forsyth Automotive Pneumatic Spring Limited, Ottawa, Ontario, Canada. Vehicle suspension apparatus. 1,998,926; Apr. 23.
- Forsyth, Archibald G., Cheam, assignor to The Fairey Aviation Company Limited, Hayes, England. Propeller for aircraft and for like purposes. 1,999,326; Apr. 30.
- Forsyth Automotive Pneumatic Spring Limited. (See Forsyth, Albert E., assignor.)
- Forsythe, James B., H. L. Brump, Dayton, Ohio, and R. C. Ellis, Detroit, Mich., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automotive radioreceiver. 1,997,254; Apr. 9.
- Forsythe, John C., et al. (See Gulke, Otto A., assignor.)
- Forsythe Metal Goods Company, Inc. (See Blake, George E., assignor.)
- Forsythe, Porter H. (See Wheeler, Earl L., assignor.)
- Forte, Frederick D., Brooklyn, N. Y. Wave damping response device. 1,996,104; Apr. 2.
- Fort, John, Hazleton, Pa. Door securer. 2,019,217; Oct. 29.
- Fortenbaugh, John W. (See Bennett, T., and Fortenbaugh.)
- Fortescue, Charles L. (See Arnold, E. E., and Fortescue.)
- Fortescue, Charles L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 1,987,736; Jan. 15.
- Fortescue, Charles Le G. (See Dovjokov, A. D., Fortescue, and Wagner.)
- Forth, Herman, New York, assignor to The Cooke & Cobb Company, Brooklyn, N. Y. Retaining member for temporary binders. 1,997,635; Apr. 16.
- Fort Howard Paper Company. (See Schwartz, Fred, assignor.)
- Fortier, Byron F., and F. A. Miller, Springfield, assignors to L. R. Hildreth, Columbus, Ohio. Attaching back bar to front member of a bumper. 1,989,637; Jan. 29.
- Fortier, Francis R., Jeanerette, La. Apparatus for effecting clarification of liquids. 2,022,661; Dec. 3.
- Fort Pitt Bedding Company. (See Caughey, John M., assignor.)
- Fort Pitt Malleable Iron Company. (See Hill, H. A., and Endsley, assignors.)
- Fortune, James C., Monterey, Calif. Hydraulic control for rotary drills. 1,992,746; Feb. 26.
- Forty, Albert G., assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass. Drier. 2,001,345; May 14.
- Forward, Chauncey B., Urbana, Ohio, assignor, by mesne assignments, to Forward Process Company, Dover, Del. Cracking hydrocarbons. 2,007,081; July 2.
- Forward, John, et al. (See Duncan, Walter G., assignor.)
- Forward Process Company. (See Forward, Chauncey B., assignor.)
- Foshee, Mason, Jacksonville, Fla. Shipping container. 1,997,138; Apr. 9.
- Foshee, Mason, Jacksonville, Fla. Shipping container. 2,024,035; Dec. 10.
- Foss, Antonius, Oslo, assignor to Norsk Hydro-Elektrisk Kvaelfastfaktieselskab, Solligaten, Norway. Treating raw phosphates. 1,994,070; Mar. 12.
- Foss, Benjamin Q. P., deceased, by C. G. Foss, executrix, San Francisco, said B. Q. P. Foss assignor of sixty per cent to L. McDonald, Bakersfield, Calif. Burner. 2,002,660; May 28.
- Foss, Clarinda G., executrix. (See Foss, Benjamin Q. P.)
- Foss, Fred G., Hillside, N. J., assignor to American Can Company, New York, N. Y. Container. 1,989,091; Jan. 29.
- Foss, H. D., and Company. (See Black, D., and Reid, assignors.)
- Foss, H. D., & Company. (See Enholm, H. G., and Reid, assignors.)
- Foss, Leland L., Statesboro, Ga. Double worm water or steam motor. 1,988,196; Jan. 15.
- Foss, Leland L., Pulaski, Ga. Deep well water suction power system with motors. 1,988,197; Jan. 15.
- Foss, Orlando W., Chelmsford, Mass. Rigid pasteboard box. 1,997,882; Apr. 16.
- Fossa, Joseph, Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for finishing the edges of sheet material. 1,996,863; Apr. 9.
- Fossa, Joseph, Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Edging machine. 2,000,940; May 14.
- Fossati, Francis N. (See Rowe, E. A., Edwards, and Fossati.)
- Fossel, Joseph, Grafton, Mass. Feed or drawing roller for textile machines. 1,994,174; Mar. 12.
- Fossel, Joseph, Grafton, Mass. Feed or drawing roller for textile machines. 1,994,176; Mar. 12.
- Fossel, Joseph, Grafton, assignor to Alsatian Machine Works, Ltd., Boston, Mass. Stop motion for combers and the like. 1,990,730; Feb. 12.
- Fossel, Joseph, Grafton, assignor to Alsatian Machine Works, Ltd., Boston, Mass. Combing machine. 1,994,175; Mar. 12.
- Fossum, Joseph A., Jr., Minneapolis, Minn. Automobile signal light. 1,998,157; Apr. 16.
- Foster, Benjamin N., assignor of one-half to Kingsbury Machine Tool Corporation, Keene, N. H. Solenoid construction. 1,987,555; Jan. 8.
- Foster, Boutwell H., Maplewood, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Elastic yarn. 2,024,155; Dec. 17.
- Foster, Boutwell H., Maplewood, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Elastic yarn and making the same. 2,024,156; Dec. 17.
- Foster Brothers Manufacturing Company. (See Meilves, Adolph, assignor.)
- Foster, Clarence B. (See Terwilliger, S. M., and Sevensen, assignors.)
- Foster, Claud H., South Euclid, Ohio. Massaging device. 2,001,871; May 21.
- Foster, Daniel M. (See Stull, Faye P., assignor.)
- Foster, Edwin E., Austin, Tex. Ironing device. 1,985,891; Jan. 1.
- Foster, Edwin E., Austin, Tex. Transmission. 2,019,849; Nov. 5.
- Foster, Eugene B., and J. H. Burpee, Bellingham, Wash. Retort door and locking the same. 2,015,788; Oct. 1.
- Foster, Fred L., and H. A. Colby, Lynn, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Pattern copying machine. 1,998,499; Apr. 23.
- Foster, George H., Cranford, N. J., assignor to American Cyanamid Company, New York, N. Y. Making acetic acid. 2,009,838; July 30.
- Foster, Harry D., Logan, Ohio, assignor to National Fireproofing Corporation, Pittsburgh, Pa. Making cellular clay products. 2,001,664; May 14.
- Foster, John P., Paia, Territory of Hawaii. Process and apparatus for preparing cellulose fibers. 2,013,042; Sept. 3.
- Foster, Joseph R. (See Bodien, G. E., and Foster.)
- Foster, Julius E. (See Mottlau, August J., assignor.)
- Foster Machine Company. (See McKean, John O., assignor.)
- Foster, Theodore W., and Bro. Company. (See Parkin, Winfred T., assignor.)
- Foster, Thomas A., assignor to H. C. Bernsten, Los Angeles, Calif. Coin controlled electrical clock. 1,988,786; Jan. 22.
- Foster, Thomas J., Ridgewood, N. J. Building slab and wall construction. 1,989,798; Feb. 5.
- Foster, Thomas J., Ridgewood, N. J. Building construction. 2,001,605; May 14.
- Foster, W. H. (See Russell, Harold C., assignor.)
- Foster, Wade H., Bad Axe, Mich. Sewage filtering apparatus. 2,014,431; Sept. 17.
- Foster, Wallace H. (See Adams, John H., assignor.)
- Foster, Warren D., Washington Township, Bergen County, N. J., assignor to Kinatome Patents Corporation. Apparatus for feeding material. 2,005,738; June 25.
- Foster, Warren D., Washington Township, Bergen County, N. J., and F. D. Sweet, assignors to Kinatome Patents Corporation, New York, N. Y. Film handling apparatus. 1,993,735; Mar. 12.
- Foster, Warren D., Washington Township, Bergen County, N. J., and F. D. Sweet, New York, assignors to Kinatome Patents Corporation, New York, N. Y. Film handling apparatus. 1,996,759; Apr. 9.
- Foster, Warren D., Washington Township, Bergen County, N. J., and F. D. Sweet, New York, N. Y., assignor to Kinatome Patents Corporation. Apparatus for feeding material. 1,998,453; Apr. 23.
- Foster, Warren D., Washington Township, Bergen County, and E. L. Parmelee, Pittsburgh, Pa., assignors to Kinatome Patents Corporation, New York, N. Y. Film handling and sound reproducing apparatus. 2,005,737; June 25.
- Foster, Warren D., Washington Township, Bergen County, N. J., and F. D. Sweet, New York, N. Y., assignors to Kinatome Patents Corporation. Film handling apparatus. 2,007,188; July 9.
- Foster, Warren D., Washington Township, Bergen County, N. J., and E. L. Parmelee, deceased, Pittsburgh, Pa., Peoples-Pittsburgh Trust Company executor; said Peoples-Pittsburgh Trust Company, assignor to said Foster. Photographic apparatus. 2,009,442; July 30.
- Foster, Warren D., Washington Township, Bergen County, N. J., and E. L. Parmelee, deceased, Pittsburgh, Pa., by Peoples-Pittsburgh Trust Company executor; said Peoples-Pittsburgh Trust Company, assignor to said Foster. Film handling apparatus. 2,009,443; July 30.
- Foster, Warren D., Washington Township, N. J., and F. D. Sweet, New York, N. Y., assignors to Kinatome Patents Corporation. Film handling apparatus and footage recording device therefor. 2,014,202; Sept. 10.

- Foster, Warren D., Washington Township, Bergen County, N. J., and E. L. Paremelee, Pittsburgh, Pa., assignors to Kinatone Patents Corporation, New York, N. Y. Photographic apparatus. 2,017,855; Oct. 22.
- Foster Wheeler Corporation. (See Dean, Dion K., assignor.)
- Foster Wheeler Corporation. (See Dean, D. K., and Holder, assignors.)
- Foster Wheeler Corporation. (See Dodd, Gerald D., assignor.)
- Foster Wheeler Corporation. (See Erter, John H., assignor.)
- Foster Wheeler Corporation. (See Frisch, Martin, assignor.)
- Foster Wheeler Corporation. (See Keenan, Walter F., Jr., assignor.)
- Foster Wheeler Corporation. (See Kryszewski, S. W., and Cahoon, assignors.)
- Foster Wheeler Corporation. (See Lichstenetsin, Joseph, assignor.)
- Foster Wheeler Corporation. (See Lundgren, Edwin, assignor.)
- Foster Wheeler Corporation. (See Sieder, Everett N., assignor.)
- Foster, William H., Elkhart, Ind. Speed control means. 1,987,006; Jan. 8.
- Foster, William H., Elkhart, Ind. Automatic compensating friction clutch. 1,998,986; Apr. 23.
- Foster, William H., Elkhart, Ind. Turret lathe. 2,008,010; July 16.
- Foster, William H., Elkhart, Ind. Lathe. 2,008,011; July 16.
- Foster, William H., Elkhart, Ind. Fluid pressure operated machine tool. 2,008,012; July 16.
- Foster, William H., Elkhart, Ind. Operating mechanism for turret lathes. 2,008,013; July 16.
- Foster, William H., and I. L. Dudley, Princeton, W. Va. Flange and rail lubricator. 2,018,518; Oct. 22.
- Foti, Charles, assignor of one-third to J. Speranza, and one-third to M. D. Achille, Arnold, Pa. Direction signal for automobiles. 2,002,503; May 28.
- Fotofrost, Inc. (See Hunsaker, Claude H., assignor.)
- Foulds, Charles V., Berkeley, Calif., assignor to The Pelton Water Wheel Company. Pressure regulator. 1,987,819; Jan. 15.
- Foulds, Charles V., Berkeley, assignor to The Pelton Water Wheel Company, San Francisco, Calif. Controlling surge pressures. 1,995,299; Mar. 26.
- Foulis, Wilfrid V., and W. Heaton, London, England. Collapsible lens hood for photographic cameras. 2,014,322; Sept. 10.
- Foulke, Clarence D. (See Raven, F. A., and Foulke.)
- Foulke, Ted E., Nutley, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Electric discharge device. 1,990,174; Feb. 5.
- Foulke, Ted E., Nutley, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Gaseous electric discharge device. 1,990,175; Feb. 5.
- Foulke, Ted E., Nutley, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Electric gaseous discharge device. 2,020,722; Nov. 12.
- Foulke, Ted E., Nutley, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Electric gaseous discharge device. 2,020,723; Nov. 12.
- Found, Glifton G., Schenectady, N. Y., assignor to General Electric Company. Thermionic cathode. 2,009,839; July 30.
- Fountain, Lawrence L., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Load control system. 2,015,555; Sept. 24.
- Fountain, Lawrence L., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulator system. 2,015,556; Sept. 24.
- Fournment, Marcel, Paris, France. Continuous furnace. 2,008,696; July 23.
- Fourness, Charles A., Neenah, Wis., assignor to International Cellulose Products Company, Chicago, Ill. Sanitary belt. 1,987,437; Jan. 8.
- Fourness, Charles A., Appleton, and C. M. Pearson, assignors to Paper Patents Company, Neenah, Wis. Paper metering, cutting, and reeling. 2,006,499; July 2.
- Fourness, Wilfred, Oakland, Calif., assignor, by mesne assignments, to E. G. Burghard, New York, N. Y. Spring loaded valve. 2,009,881; July 30.
- Fourness, Wilfred, Oakland, Calif., assignor, by mesne assignments, to E. G. Burghard, New York, N. Y. Refrigerant cooler. 2,009,882; July 30.
- Fourness, Wilfred, Oakland, Calif., assignor, by mesne assignments, to E. G. Burghard, New York, N. Y. Compressor mechanism. 2,023,414; Dec. 10.
- Fourness, Wilfred, Oakland, Calif., assignor, by mesne assignments, to E. G. Burghard, New York, N. Y. Reciprocating compressor mechanism. 2,023,415; Dec. 10.
- Fournier, George H., Elkhart, Ind., assignor, by mesne assignments, to E. L. Rous, Chicago, Ill. Carbon pile regulator. 1,993,508; Mar. 5.
- Four Wheel Drive Auto Company. (See Prior, Frank O., assignor.)
- Foust, Melwood R., Kearny, assignor of one-half to L. W. H. Schimpff, Ridgefield, N. J. Cable for the ignition system of internal combustion engines. 1,994,128; Mar. 12.
- Fouch, William S., Jr., Columbus, Ohio. Apparatus for bread manufacture. 2,010,182; Aug. 6.
- Fowle, Frank F., Winnetka, Ill., and F. M. Crapo, assignors to Indiana Steel & Wire Company, Muncie, Ind. Overhead electric transmission line. 2,019,447; Oct. 29.
- Fowler, Charles V., Ocean Park, Calif. Can opener. 2,009,171; July 23.
- Fowler, Clarence E., Cleveland, Ohio, assignor of one-half to H. M. Fowler, Los Angeles, Calif. Rotatable admission and cut-off valve. 2,019,667; Nov. 5.
- Fowler, Clarence T., Pittsburgh, Pa. Safety ash tray. 1,989,354; Jan. 29.
- Fowler, Edward D., Aliquippa, Pa. Velocipede. 2,006,349; July 2.
- Fowler, Edward R., Yonkers, N. Y. Time globe. 2,023,677; Dec. 10.
- Fowler, Everett E., New York, N. Y. Refrigerator. 1,999,899; Apr. 30.
- Fowler, Everett E., New York, N. Y. Machine for making ice cubes. 2,024,517; Dec. 17.
- Fowler, Francis C., Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Movable bleachers. 2,018,887; Oct. 29.
- Fowler, Frank A., Kansas City, Mo. Coaster wagon. 2,008,951; July 23.
- Fowler, Frank E., Athens, assignor to Beverage Mixer Co., Bainbridge, Ga. Beverage mixer. 2,018,125; Oct. 22.
- Fowler, Fred D., Newton, assignor to Hood Rubber Company, Inc., Watertown, Mass. Manufacture of embossed sheet material and roll for producing same. 1,988,787; Jan. 22.
- Fowler, Fred D., Newton, assignor to Hood Rubber Company, Inc., Watertown, Mass. Method and apparatus for calendaring plastic material. 1,998,866; Apr. 23.
- Fowler, Fred D., Newton, assignor to Hood Rubber Company, Inc., Watertown, Mass. Shank reinforcement for shoes. 1,998,867; Apr. 23.
- Fowler, Fred D., Newton, assignor to Hood Rubber Company, Inc., Watertown, Mass. Method and apparatus for manipulating stretchable sheet material. 2,013,344; Sept. 3.
- Fowler, Gilbert J., Bangalore, India. Apparatus and method for separating solids from liquids. 2,021,122; Nov. 12.
- Fowler, Grace G., Stockton, Calif. Dress back protector. 1,989,309; Jan. 29.
- Fowler, Harlan D., San Francisco, assignor of one-half to P. D. Flehr, San Mateo, Calif. Airplane construction. 1,992,941; Mar. 5.
- Fowler, Harry M. (See Fowler, Clarence E., assignor.)
- Fowler, Jess W., Houston, and C. N. Baillio, Beaumont, Tex. Cable clamp. 2,006,044; June 25.
- Fowler, Jesse J., Eudora, Ark. Drier. 2,019,668; Nov. 5.
- Fowler, Leonard E., Pontiac, Mich. Internal combustion engine. 1,986,630; Jan. 1.
- Fowler, Leonard J. (See Musgrave, J. L., and Fowler.)
- Fowler Machinery & Equipment Corporation. (See Walter, Andrew J., Jr., assignor.)
- Fowler, Odel, Palsade, Colo. Pruning shears. 2,006,133; June 25.
- Fowler, Owen H., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,022,032; Nov. 26.
- Fowler, Thomas C., Mt. Albert, Auckland, New Zealand. Sanitary paper holder. 2,008,639; July 16.
- Fox, Alexander P. (See Barks, F. S., and Fox.)
- Fox, Alexander P. (See Barks, F. S., Fox, and Linders.)
- Fox, Alexander P., assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 1,990,986; Feb. 12.
- Fox, Alexander P., University City, and F. Holmes, Normandy, Mo., assignors to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,019,299; Oct. 29.
- Fox, Ansley H., Pleasantville, N. J., assignor to Inventions Holding Corporation. Container for self-lighting cigarettes. 2,006,591; July 2.
- Fox, Arthur L. (See Lubs, H. A., Cole, and Fox.)
- Fox, Arthur L. (See Lubs, H. A., Fox, and Smith.)
- Fox, Arthur L., assignor to E. I. Du Pont de Nemours & Company, Wilmington, Del. Thiazole and process of production. 1,987,614; Jan. 15.
- Fox, Arthur L., assignor to E. I. Du Pont de Nemours & Company, Wilmington, Del. Preparation of amine by dithalides. 2,007,189; July 9.
- Fox, Charles H., assignor to The Ahrens-Fox Fire Engine Company, Cincinnati, Ohio. Pressure gauge attachment. 1,987,929; Jan. 15.
- Fox, Charles J., assignor to The Metal Building Company, Wichita, Kans. Building construction. 2,013,043; Sept. 3.
- Fox, Edward S., et al. (See Taylor, Joseph P., assignor.)
- Fox Film Corporation. See Laube, G., and Kaufman, assignors.)
- Fox, Frederick L., Washington, D. C., assignor to Thomas A. Edison Incorporated, West Orange, N. J. Phonograph. 2,010,690; Aug. 6.
- Fox, George R., St. Louis, Mo. Making fibrous pulleys. 1,999,409; Apr. 30.
- Fox, Gordon, and A. J. Whitcomb, assignors to Freyn Engineering Company, Chicago, Ill. Stock line recorder. 2,015,263; Sept. 24.
- Fox, Harold E., Stoneleigh, Md., assignor, by mesne assignments, to North American Aviation, Inc. Spot welding process and apparatus. 2,014,082; Sept. 10.
- Fox, John F. (See Good, R. F., Fox, and Marcus.)
- Fox, John H., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Double window construction. 2,021,179; Nov. 19.

- Fox, John H., Pittsburgh, and K. G. Kutchka, Wilkesburg, Pa.,** assignors to Pittsburgh Plate Glass Company. Apparatus for annealing window glass. 1,999,588; Apr. 30.
- Fox, John H., and H. S. Heichert, Pittsburgh, Pa.,** assignors to Pittsburgh Plate Glass Company. Double glazed window construction. 2,015,789; Oct. 1.
- Fox, Marcell L.** (See Lewis, H. S., and Fox.)
- Fox, Martin,** assignor to The Seng Company, Chicago, Ill. Metal slide for extension tables. 1,996,542; Apr. 2.
- Fox, Martin,** assignor to The Seng Company, Chicago, Ill. Supporting hook for sliding leaf extension tables. 1,987,953; Jan. 15.
- Fox, Martin, and W. P. Seng,** assignors to The Seng Company, Chicago, Ill. Studio couch. 2,019,218; Oct. 29.
- Fox, Merritt L.,** assignor to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber. 2,013,880; Sept. 10.
- Fox, Merritt L., Buffalo, N. Y., and F. E. Ullery, South Bend, Ind.,** said Fox assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,004,752; June 11.
- Fox, Robert, Petone, Wellington, New Zealand.** Fire alarm actuating apparatus. 2,014,042; Sept. 10.
- Fox Sound Equipment Corporation.** (See Rowe, Horace N., assignor.)
- Fox, William A., and G. L. Donovan, Vancouver, British Columbia, Canada,** assignors of one-third to J. Summerfield, Vancouver, British Columbia, Canada. Automatic fuel burner. 2,007,601; July 9.
- Frace, Arleen.** (See Van Bree, H., and Frace.)
- Fraim, Samuel R., Lancaster, Pa.** Padlock. 2,011,515; Aug. 13.
- Fralzer, Frank L.,** assignor of one-half to John R. Marshall, Troy, Ohio. Tractor hitch. 1,990,821; Feb. 12.
- Franc, Strohmenger & Cowan, Inc.** (See Solomon, Morris, assignor.)
- France, Josef, Berlin-Neukolln, Germany.** Combined fruit squeezer and grater. 2,024,917; Dec. 17.
- Franchina, Louis.** (See Crione, J., and Franchina.)
- Francis, Bessie G., et al.** (See Adams, Clayton L., assignor.)
- Francis, Carleton S., Jr., Philadelphia, Pa.,** assignor to Celanese Corporation of America. Making incandescent mantles. 1,993,778; Mar. 12.
- Francis, Earle V.,** assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Dumping tray for trolley conveyers. 2,007,044; July 2.
- Francis, Edgar A.,** assignor to American Machine Products Company, Marshalltown, Iowa. Air humidifying mechanism for furnaces. 2,006,988; July 2.
- Francis, Euclid G., Pride, Tex.** Windmill. 2,018,888; Oct. 29.
- Francis, Frank, Vancouver, British Columbia, Canada.** Fuel saver. 2,020,882; Nov. 12.
- Francis, James S., et al.** (See Adams, Clayton L., assignor.)
- Francis, John R., Rochester, N. Y.** Handhold for bathtubs. 1,998,987; Apr. 23.
- Francis, Oliver T., San Diego, Calif.** Light control device. 2,014,174; Sept. 10.
- Francis, Raymond S.** (See Cobb, H. Z., and Francis.)
- Francis, Robert B., Fostoria, Ohio.** Bed attachment. 2,013,882; Sept. 10.
- Francis, Russell W., Pittsburg, Kans.** Artificial fish lure. 2,007,045; July 2.
- Francis, Thayer.** (See Karlson, A. F., and Francis.)
- Francis, Thomas J.** (See Horton, W. J., and Francis.)
- Francisco, Ferris L., New York, N. Y.** Cigar maker's table. 1,992,064; Feb. 19.
- Francisco, Kenneth N., Mountinside, N. J.,** assignor, by mesne assignments, to American Cyanamid Company. Molding composition and preparing same. 2,020,024; Nov. 5.
- Francia, Societe de Films en Couleurs Naturelles.** (See Secci, Armeno, assignor.)
- Frank, Arthur J., Detroit, Mich.** Safety check for windows. 2,025,736; Dec. 31.
- Frank, Edwin G., and S. J. Stone,** assignors to Hutchins Car Roofing Company, Detroit, Mich. Car roof. 2,006,760; July 2.
- Frank, Fred A.** (See Zimmerman, Axel E., assignor.)
- Frank, Hans H.** (See Caro, N., Frank, and Franke.)
- Franco-Belge d'Ougree.** (See Leroux, Andre, assignor.)
- Franco Corset Company, The.** (See Batky, Frank, assignor.)
- Francois Cementation Company Limited, The.** (See Chevrillon, Louis, assignor.)
- Frank, Albert L., Seattle, Wash.,** assignor to Seattle Tent & Awning Company. Pack-board. 1,999,963; Apr. 30.
- Frank, Albert R.** (See Caro, N., Frank, and Franke.)
- Frank, Albert R.** (See Caro, N., Frank, Wendlandt, and Fischer.)
- Frank Associates, Inc.** (See Frank, Morris J., assignor.)
- Frank, Benjamin, Bandoeng, Java, Dutch East Indies.** Power transmission system. 2,016,632; Oct. 8.
- Frank, Christina A. S., Floral Park, N. Y.** Dispensing top for a container. 2,013,514; Sept. 3.
- Frank, Curt P., Plattsburg, N. Y.** Tube cap. 2,015,999; Oct. 1.
- Frank, Frederick C.,** assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,986,430; Jan. 1.
- Frank, Frederick C.,** assignor to Bendix Brake Company, South Bend, Ind. Wheel. 1,989,188; Jan. 29.
- Frank, Frederick C.,** assignor to Bendix Aviation Corporation, South Bend, Ind. Wheel. 1,989,189; Jan. 29.
- Frank, Frederick C.,** assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 1,998,666; Apr. 23.
- Frank, Frederick C.,** assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,006,448; July 2.
- Frank, Frederick C.,** assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,012,661; Aug. 27.
- Frank, Frederick C.,** assignor to Bendix Aviation Corporation, South Bend, Ind. Brake cooling means. 2,012,662; Aug. 27.
- Frank, Frederick C.,** assignor to Bendix Aviation Corporation, South Bend, Ind. Wheel. 2,018,953; Oct. 29.
- Frank, Harrison J. L.** (See Frank, W. H., Messing, and H. J. L. Frank.)
- Frank, Harrison J. L., Detroit, Mich.** Collector contact for electrical distribution system. 2,014,929; Sept. 17.
- Frank, Harrison J. L.,** assignor to Bulldog Electric Products Company, Detroit, Mich. Range receptacle. 1,995,386; Mar. 26.
- Frank, Harrison J. L.,** assignor to Bulldog Electric Products Company, Detroit, Mich. Solderless connector. 2,015,177; Sept. 24.
- Frank, Harrison J. L.,** assignor to Bulldog Electric Products Company, Detroit, Mich. Cable connection. 2,026,029; Dec. 31.
- Frank, Harrison J. L., Highland Park, assignor to Bulldog Electric Products Company, Detroit, Mich.** Wiring duct and fittings. 1,986,965; Jan. 8.
- Frank, Harrison J. L., and W. A. Harper, Detroit, Mich.,** assignors to Bulldog Electric Products Company, Detroit, Mich. Collector. 2,007,893; July 9.
- Frank, Harrison J. L., and W. A. Harper,** assignors to Bulldog Electric Products Company, Detroit, Mich. Trolley duct. 2,014,729; Sept. 17.
- Frank, Harrison J. L., and J. A. Messing,** assignors to Bulldog Electric Products Company, Detroit, Mich. Trolley. 2,018,016; Oct. 22.
- Frank, Harrison J. L., and W. A. Harper, Detroit,** assignors to Bulldog Electric Products Company, Detroit, Mich. Duct. 2,018,846; Oct. 29.
- Frank, Harry D., New York, N. Y.** Knockdown sign. 1,989,855; Feb. 5.
- Frank, Harry S., New York, N. Y.** Compartment device. 2,007,644; July 9.
- Frank, Harry S., New York, N. Y.** Piston structure. 2,016,896; Oct. 8.
- Frank, Haskel S.,** assignor to A. Stein & Company, Chicago, Ill. Suspenders. 1,987,527; Jan. 8.
- Frank, Herbert, Cassel-Wilhelmshoe, Germany,** assignor to The Superheater Company, New York, N. Y. Superheater element for smoke-tube boilers. 2,009,883; July 30.
- Frank, John P.,** assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,001,779; May 21.
- Frank, Karl.** (See Dietz, K., and Frank.)
- Frank, Louis C.,** assignor, by mesne assignments, to Trackson Company, Milwaukee, Wis. Material and article handling machine. 2,020,938; Nov. 12.
- Frank, Morris J.,** assignor to Frank Associates, Inc., New York, N. Y. Ornamental fabric. 1,999,044; Apr. 23.
- Frank, Raymond H.** (See Gregg, A. W., and Frank.)
- Frank, William H.,** assignor to Bulldog Electric Products Company, Detroit, Mich. Distribution panelboard. 1,994,509; Mar. 19.
- Frank, William H.,** assignor to Bulldog Electric Products Company, Detroit, Mich. Automatic reset circuit breaker. 2,008,174; July 16.
- Frank, William H.,** assignor to Bulldog Electric Products Company, Detroit, Mich. Electrical distribution system. 2,009,376; July 23.
- Frank, William H.,** assignor to Bulldog Electric Products Company, Detroit, Mich. Circuit controlling arrangement. 2,023,878; Dec. 10.
- Frank, William H.,** assignor to Bulldog Electric Products Company, Detroit, Mich. Electrical distribution system. 2,025,813; Dec. 31.
- Frank, William H., J. A. Messing, and P. S. Jenkins,** assignors to Bulldog Electric Products Company, Detroit, Mich. Fuse holding means. 1,988,170; Jan. 15.
- Frank, William H., and J. A. Messing,** assignors to Bulldog Electric Products Company, Detroit, Mich. Terminal contact. 1,988,171; Jan. 15.
- Frank, William H., J. A. Messing, and H. J. L. Frank,** assignors to Bulldog Electric Products Company, Detroit, Mich. Multiple fuse device. 2,000,016; May 7.
- Franke, Lambert.** (See Hartzell, S. I., and Franke.)
- Franke, Paul et al.** (See Müller, Rudolf, assignor.)
- Franke, Robert.** (See Schmidt, M. P., Süss and Franke.)
- Franke, Herbert, et al.** (See Batky, Frank, assignor.)
- Franke, Joseph C., et al.** (See Batky, Frank, assignor.)
- Franke, Maurice J., et al.** (See Batky, Frank, assignor.)
- Franke, Stefan.** (See Uher, E., and Franke.)
- Frankenfeld, Miles R., Freeport, Ill.** Sack-loading device. 1,998,191; Apr. 16.
- Frankenfeld, William P., Cincinnati, Ohio.** Collapsible box. 1,993,323; Mar. 5.
- Frankfort Distilleries Incorporated.** (See Byrd, William W., assignor.)
- Frankfort Distilleries Incorporated.** (See Miller, Samuel C., assignor.)
- Frankfort Distilleries, Incorporated.** (See Miller, S. C., and Britcher, assignors.)

- Fränkl, Mathias, Augsburg, Germany, assignor to American Oxythermic Corporation, New York, N. Y. Apparatus for separating low boiling gas mixtures. 1,989,190; Jan. 29.
- Fränkl, Mathias, Augsburg, Germany, assignor to American Oxythermic Corporation, New York, N. Y. Resolution of gas mixtures. 2,002,940; May 28.
- Fränkl, Mathias, Augsburg, Germany, assignor to American Oxythermic Corporation, New York, N. Y. Separating gas mixtures. 2,002,941; May 28.
- Fränkl, Mathias, Augsburg, Germany, assignor to American Oxythermic Corporation, New York, N. Y. Separation of constituents of a gaseous mixture. 2,007,271; July 9.
- Fränkl, Mathias, Augsburg, Germany, assignor to American Oxythermic Corporation, New York, N. Y. Blast furnace. 2,010,073; Aug. 6.
- Fränkl, Mathias, Augsburg, Germany, assignor to American Oxythermic Corporation, New York, N. Y. Process and apparatus for the resolution of gaseous mixtures. 2,017,240; Oct. 15.
- Franklin, Albert W., New York, N. Y. Safety razor blade structure and holder for same. 2,002,436; May 21.
- Franklin, Charles, Jersey City, N. J. Plate glass window protector. 2,025,161; Dec. 24.
- Franklin Development Corporation. (See Marks, E. S., and Doman, assignors.)
- Franklin, Edward J., Salt Lake City, Utah. Pulverized fuel burning furnace. 1,995,567; Mar. 26.
- Franklin, John L., Atlanta, Ga. Time controlled mechanism. 2,005,653; June 18.
- Franklin, John L., Atlanta, Ga. Phonographic announcing mechanism or the like. 2,011,216; Aug. 13.
- Franklin, Joseph J., Jr., Orange, N. J. Extension device for articles of jewelry. 1,997,723; Apr. 16.
- Franklin, Joseph J., Jr., Orange, N. J. Article of jewelry. 1,997,724; Apr. 16.
- Franklin, Lester K. (See Sweet, Laurence A., assignor.)
- Franklin Needle Company. (See Roy, Edmond O., assignor.)
- Franklin, Oliver H., assignor of one-half to T. A. and E. E. Hudson, Tyler, Tex. Nut cracking machine. 2,000,749; May 7.
- Franklin Process Company. (See Traver, William A., assignor.)
- Franklin Railway Supply Company. (See Hollender, Jean, assignor.)
- Franklin Railway Supply Company. (See Martin, Frederick W., assignor.)
- Franklin Railway Supply Company. (See Roberts, Montague H., assignor.)
- Franklin Railway Supply Company. (See Woodard, William E., assignor.)
- Franklin Railway Supply Company. (See Zouck, George H., assignor.)
- Franklin Simon & Co. (See Hennessy, Mary C., assignor.)
- Franklin, Wallace C., assignor of one-half to H. L. Woods, Gallup, N. Mex. Pump. 2,026,306; Dec. 31.
- Franks, John H., Whitmire, S. C. Immersion roll assembly for sizing boxes. 1,997,926; Apr. 16.
- Franks, Russell. (See Becket, F. M., and Franks.)
- Franks, Russell, Jackson Heights, N. Y., assignor to Electro Metallurgical Company. Alloy steel. 1,990,589; Feb. 12.
- Franks, Russell, Jackson Heights, N. Y., assignor to Electro Metallurgical Company. Alloy steel. 1,990,590; Feb. 12.
- Franks, Russell, Jackson Heights, N. Y., assignor to Electro Metallurgical Company. Producing chromium steel castings. 1,990,591; Feb. 12.
- Fransen, Frank J. (See Seger, D., Smith, and Fransen.)
- Fransson, Sven W., Newark, N. J. Shovel. 2,015,517; Sept. 24.
- Frantz, Charles T., assignor, by mesne assignments, to Ryan Recording Thermometer Co., Los Angeles, Calif. Recording thermometer. 1,989,856; Feb. 5.
- Frantz, Charton C., Pittsburgh, Pa. Baking bread. 2,000,384; May 7.
- Frantz, E. L., trustee. (See Krels, Joseph D., assignor.)
- Frantz, Emile, San Francisco, Calif. Incense. 2,003,684; June 4.
- Frantz, Fred C. (See Ard, Charles E., assignor.)
- Frantz Manufacturing Co. (See Ferris, William D., assignor.)
- Frantz, Marvin O., Orienta, Okla. Pedal mechanism for bicycles and the like. 2,025,446; Dec. 24.
- Frantz, Samuel G., Princeton, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,013,093; Sept. 3.
- Frantz, Samuel G., Princeton, N. J., assignor to Radio Corporation of America. Controlling the flow of electrons. 2,013,094; Sept. 3.
- Frantz, Samuel G., and R. S. McCutchen, Princeton, N. J., assignors to Radio Corporation of America. Transmission and reception of intelligence. 2,006,989; July 2.
- Frantz, Walter A., Cleveland Heights, and J. J. McCabe, assignors to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Laundry machine mechanism. 2,019,564; Nov. 5.
- Franwick, Edmond J., assignor to Hanau Engineering Company, Inc., Buffalo, N. Y. Dental blow torch. 2,001,665; May 14.
- Franz, Bruno W., Philadelphia, Pa. Music sheet turner. 2,012,992; Sept. 3.
- Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Article. 2,014,524; Sept. 17.
- Franz, John W., St. Louis, Mo., assignor of one-half to L. J. Rasse, Fairbury, Nebr. Furnace damper. 2,011,103; Aug. 13.
- Franze, Johannes, Liestal, near Basel, Switzerland. Fastener with sliding attachment for garments, bags, and the like. 2,005,116; June 18.
- Franzen, Eric T., Maplewood, and A. J. Weiss, West Orange, N. J., assignors to Compo Shoe Machinery Corporation, New York, N. Y. Sole-attaching machine. 2,005,616; June 18.
- Franzen, Nicholas, Chicago, Ill. Aeroplane. 2,018,889; Oct. 29.
- Franzmeier, Alvin W., Rich Valley, Minn. Strainer. 2,019,181; Oct. 29.
- Fraps, Richard M., Chicago, Ill. Apparatus for irradiation. 2,015,264; Sept. 24.
- Fraps, Richard M., Tucson, Ariz. Cell for treating material by irradiation. 2,015,265; Sept. 24.
- Frase, Theodor F., Los Angeles, Calif. Electrotyping and plating apparatus. 2,015,304; Sept. 24.
- Fraser, Alexander W., assignor to National Steel Car Corporation, Limited, Hamilton, Ontario, Canada. Corrugated structural unit. 1,996,004; Mar. 26.
- Fraser, Alexander W., Hamilton, Ontario, assignor to National Steel Car Corporation, Limited, Hamilton, Ontario, Canada. Reinforced corrugated car ends. 2,008,640; July 16.
- Fraser, George H., Brooklyn, N. Y. Air separator and driven device. 1,987,615; Jan. 15.
- Fraser, George H., Brooklyn, N. Y. Air and other separators. 1,992,942; Mar. 5.
- Fraser, Gordon N., and J. Arbnoath, Scotland. Bobbin drag device for spinning and like textile frames. 1,998,128; Apr. 16.
- Fraser, Gordon, N., and J. Arbnoath, Angus, Scotland. Silver roll forming machine. 2,004,045; June 4.
- Fraser, Gordon, N., and J. Arbnoath, Angus, Scotland. Sliver conveying apparatus. 2,022,113; Nov. 26.
- Fraser, Howard S., New York, N. Y., assignor to The Swartwout Company, Cleveland, Ohio. Valve control. 2,024,761; Dec. 17.
- Fraser, Hugh J., R. J. Owens, E. K. Jenckes, and J. C. Lenhart, Huntington, W. Va., assignors to The International Nickel Company, Inc., New York, N. Y. Drawn article and making the same. 1,993,600; Mar. 5.
- Fraser, John. (See Fraser, Gordon, N., and J.)
- Fraser-Jones Limited. (See Jones, Ernest F., assignor.)
- Fraser-Jones Limited. (See Jones, E. F., and Mauss, assignors.)
- Fraser, Norman. (See Fraser, Gordon, N., and J.)
- Fraser, Thomas, Pittsburgh, Pa. Process of and apparatus for separating mixed materials. 2,007,190; July 9.
- Fraser, Warren F. (See Arter, H., and Fraser.)
- Fraser, Warren F., Westboro, Mass. Grinding machine. 2,018,847; Oct. 29.
- Fraser, Warren F., Westboro, Mass., assignor to Norton Company, Worcester, Mass. Reversing mechanism for machine tools. 2,012,273; Aug. 27.
- Fraser, William F., Victoria, British Columbia, Canada. Headlight controlling device. 2,016,243; Oct. 1.
- Frauenthal, Harold. (See Herrmann, K. L., and Frauenthal.)
- Frayer, Lee A. (See Harvey, C. L., and Frayer.)
- Frayer, Lee A., assignor to R. H. Smith, Kent, Ohio. Machine for making nuts. 2,015,595; Sept. 24.
- Frayne, John G., Pasadena, Calif., assignor to Electrical Research Products Inc., New York, N. Y. Sound recording. 1,986,569; Jan. 1.
- Frazier, James S., Earlville, Md., assignor, by mesne assignments, to York Ice Machinery Corporation, York, Pa. Heat exchange apparatus. 2,016,422; Oct. 8.
- Frazier, Joseph C. W., et al. (See Bennett, O. G., and Frazier.)
- Frazier, James W., Cleveland, Ohio. Flangeway guard. 1,996,574; Apr. 2.
- Frazier, John L. (See Robinson, N. H., Frazier, Browning and Smith.)
- Frazier, Orville Z., River Rouge, Mich., assignor of one-third to C. A. Mott, one-eighth to O. C. Haynes, and one twenty-fourth to B. W. Streets, South Bend, Ind. Locomotive valve mechanism. 1,990,899; Feb. 12.
- Frazier, Philip A., Oak Park, Ill. Binding books. 1,991,608; Feb. 19.
- Frazier, Philip A., assignor to R. R. Donnelley & Sons Company, Chicago, Ill. Book sewing machine. 2,009,172; July 23.
- Freas, Royal B., Leonia, N. J. Heating apparatus. 1,986,886; Jan. 8.
- Freas, Samuel T., Trenton, N. J., assignor to Henry Disston & Sons, Incorporated, Philadelphia, Pa. Beet knife. 2,024,918; Dec. 17.
- Frease, Hurxthal F., Canton, Ohio. Tile for joist and tile construction for floors and the like. 2,017,241; Oct. 15.
- Frech, Theodore W., Shaker Heights, Ohio, assignor to General Electric Company. Electric lamp mounting for reflectors and the like. 2,012,161; Aug. 20.
- Frech, Theodore W., Shaker Heights, and W. J. Geiger, Cleveland Heights, Ohio, assignors to General Electric Company. Electric lamp mounting and current supply connection. 2,017,714; Oct. 15.
- Frede, Charles F. (See Shallenberger, C. S., Frede, and Hoblitzelle.)

- Frederick, Adolph. (See Rosenthal, L. W. and Adolph and F. R. Frederick.)
- Frederick, Clifford W. (See Larmore, Nelson W., assignor.)
- Frederick, Fritz R. (See Rosenthal, L. W. and Adolph and F. R. Frederick.)
- Frederick, Louis T., Valparaiso, Ind., assignor to Continental-Diamond Fibre Company, Newark, Del. Mica laying machine. 1,987,556; Jan. 8.
- Frederick, Roland E., Jenkintown, Pa. Refrigerating show case. 1,990,431; Feb. 5.
- Fredericks, Joseph D., Irvington, N. J., assignor to General Electric Company. Washing machine. 1,995,300; Mar. 26.
- Frederickson, Andrew H. (See Field, Emil, assignor.)
- Frederickson, Clayton E., Chicago, Ill. Two-cycle engine. 2,021,147; Nov. 19.
- Frederics, E., Inc. (See Frederics, Ernest O., assignor.)
- Frederics, Ernest O., assignor to E. Frederics, Inc., New York, N. Y. Hair waving heater. 1,998,229; Apr. 16.
- Fredette, Josephat, St. Jean Baptiste, Manitoba, Canada. Flash plug. 1,997,902; Apr. 16.
- Fredin, Olaf E., Minneapolis, Minn. Shelving device. 2,016,194; Oct. 1.
- Fredricks, Edwin L., Springfield Gardens, and A. Ferguson, Hollis, N. Y. Door closing device. 2,024,919; Dec. 17.
- Fredricksen, Axel L., Samoa, Calif., assignor to E. C. Pitcher, Hayward, Calif. Box material. 2,011,046; Aug. 13.
- Fredrickson, Edward A. (See Zinkil, R. H., and Fredrickson.)
- Fredrickson, Gustav, Bristol, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Electric heater. 2,003,855; June 4.
- Fredriksen, Oscar F., Reading, Pa. Bill detector. 2,021,484; Nov. 19.
- Fredriksen, Robert, Batavia, Ill. Ladder attachment. 2,008,582; July 16.
- Free, John W., Aliquippa, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Apparatus for making welded pipe. 1,997,296; Apr. 9.
- Free, John W., Aliquippa, assignor to Jones and Laughlin Steel Corporation, Pittsburgh, Pa. Pipe trimming device. 2,009,884; July 30.
- Free Wheeling Patents Corporation. (See Simpson, John M., assignor.)
- Freebairn, James S., Jr., Philadelphia, assignor to W. S. Jackson, Bala-Cynwyd, Pa. Automatic lubricator for moving bearings. 1,992,301; Feb. 26.
- Freed, Edward A., Moline, Ill. Self-aligning bearing. 2,001,383; May 14.
- Freed, Harvey H., Belleville, and H. B. Mann, Newark, N. J. Automatic pantograph machine. 2,002,393; May 21.
- Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. V-belt. 1,989,168; Jan. 29.
- Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt. 2,016,140; Oct. 1.
- Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt connector. 2,020,542; Nov. 12.
- Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt connector. 2,021,356; Nov. 19.
- Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt. 2,024,443; Dec. 17.
- Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Making power transmission belts. 2,025,278; Dec. 24.
- Freedman, Joseph, Charlestown, Mass. Garment. 2,008,134; July 16.
- Freegard, William, Elizabeth, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Method and apparatus for producing mix-tone roofing. 1,998,078; Apr. 16.
- Freegard, William, Elizabeth, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Apparatus for producing mix-tone roofing. 1,998,079; Apr. 16.
- Freeland, Claude L., Bristow, Okla. Nut lock. 2,016,000; Oct. 1.
- Freeman, Alpheus J., Chicago, Ill. Marking of food products. 1,994,468; Mar. 19.
- Freeman, Benjamin W. (See Herbers, J. G., and Freeman.)
- Freeman, Benjamin W., Cincinnati, Ohio. Method of and apparatus for ornamenting shoe parts. 1,990,592; Feb. 12.
- Freeman, Benjamin W., Cincinnati, Ohio. Ornamenting machine. 1,990,593; Feb. 12.
- Freeman, Benjamin W., Cincinnati, Ohio. Ornamenting machine. 1,990,594; Feb. 12.
- Freeman, Benjamin W., Cincinnati, Ohio. Ornamenting machine. 1,990,595; Feb. 12.
- Freeman, Benjamin W., Cincinnati, Ohio. Ornamenting machine. 1,990,596; Feb. 12.
- Freeman, Benjamin W., Cincinnati, Ohio. Ornamenting machine. 1,990,597; Feb. 12.
- Freeman, Benjamin W., Cincinnati, Ohio. Ornamenting machine. 1,990,598; Feb. 12.
- Freeman, Benjamin W., Cincinnati, Ohio. Ornamenting machine. 1,990,599; Feb. 12.
- Freeman, Benjamin W., assignor to The Louis G. Freeman Company, Cincinnati, Ohio. Shoe marking machine. 2,001,019; May 14.
- Freeman, Benjamin W., and J. G. Herbers, Cincinnati, Ohio, assignors to The Louis G. Freeman Company, Cincinnati, Ohio. Machine for removing shoes from lasts. 2,019,300; Oct. 29.
- Freeman, Charles F., University City, assignor to Charles Tweedie, Jefferson City, Mo., trustee. Pressing roles. 1,991,348; Feb. 12.
- Freeman, Claude D., et al. (See Freeman, Walter R., assignor.)
- Freeman-Daughaday Company. (See Allison, J. F., and Salisbury, assignors.)
- Freeman-Daughaday Company. (See Lindquist, Albert W., assignor.)
- Freeman, Earle, Dallas, Tex. Well pumping apparatus. 2,006,592; July 2.
- Freeman, Horace, Montreal, Quebec, Canada, assignor to Nichols Engineering & Research Corporation of Canada, Limited. Roasting sulphide ore. 2,002,496; May 28.
- Freeman, Horace, Montreal, Quebec, Canada, assignor to Nichols Engineering & Research Corporation of Canada, Limited. Iron oxide. 2,015,053; Sept. 17.
- Freeman, Horace, and J. W. Hunter, Three Rivers, Quebec, assignors to Consolidated Paper Corporation Limited, Montreal, Quebec, Canada. Purifying pulp. 1,988,416; Jan. 15.
- Freeman, Hubert M., deceased, East Pittsburgh, Pa., by Max F. Reges, administrator, Bloomfield, N. J., and Wallace G. Wade, Philadelphia, Pa., assignors to Westinghouse Electric and Manufacturing Company. Hot cathode electron discharge tube. 2,000,695; May 7.
- Freeman, Hubert M., deceased, East Pittsburgh, Pa., by M. F. Reges, Bloomfield, N. J., administrator, and W. G. Wade, Philadelphia, Pa.; said Freeman and Wade assignors to Westinghouse Electric and Manufacturing Company. Thermionic vacuum tube. 2,018,257; Oct. 22.
- Freeman, John D., et al. (See Freeman, Walter R., assignor.)
- Freeman, John R., Jr., Cheshire, assignor to The American Brass Company, Waterbury, Conn. Aluminum brass alloy. 2,003,685; June 4.
- Freeman, John R., Jr., Cheshire, assignor to The American Brass Company, Waterbury, Conn. Die casting alloy. 2,023,129; Dec. 3.
- Freeman, Kenneth T., et al. (See Grikscheit, William, assignor.)
- Freeman, Lloyd E., and F. V. Clancy, San Jose, Calif. Centering gauge. 2,018,550; Oct. 22.
- Freeman, Louis G., Company, The. (See Freeman, Benjamin W., assignor.)
- Freeman, Louis G., Company, The. (See Freeman, B. W., and Herbers, assignors.)
- Freeman, Walter R., Jay, assignor of one-fourth to J. D. Freeman, Tulsa, Okla., and one-fourth to C. D. Freeman, Dallas, Tex. Lever lock. 2,001,415; May 14.
- Freeman, Walter R., Jay, assignor to Mid-West Engineering Corporation, Tulsa, Okla. Brake control apparatus. 2,018,351; Oct. 22.
- Freeman, Walter R., Jay, Okla., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Power-operated clutch. 2,025,854; Dec. 31.
- Freeman, Washington R., et al. (See Fisher, Franklin C., assignor.)
- Freers, George H. (See Marmon, H. C., and Freers.)
- Freeze, Arthur W., Jersey City, N. J. Thread or yarn waxer. 1,993,340; Mar. 5.
- Freet, Sherman A. (See Appelgate, Alva, assignor.)
- Free Use of the Public, The. (See Funke, Fred W., assignor.)
- Free Wheeling Patents Corporation. (See Blood, Howard E., assignor.)
- Free Wheeling Patents Corporation. (See Heck, H. J., and Simpson, assignors.)
- Free Wheeling Patents Corporation. (See White, S. O., and Fishburn, assignors.)
- Freeze, Jonathan R., assignor to The American Rolling Mill Company, Middletown, Ohio. Corrugated metallic conduit and making it. 2,017,058; Oct. 15.
- Freeze, Jonathan R., and R. W. Shurtle, assignors to The American Rolling Mill Company, Middletown, Ohio. Converter. 2,006,888; July 2.
- Fre-Flo Co. (See Garrett, Hugh C., assignor.)
- Frehrer, Carl, Evansville, Wis. Making cheese. 2,002,345; May 21.
- Frehse, Albert W. (See Crawford, J. M., and Frehse.)
- Freiberg, Stanley B., Cincinnati, Ohio. Card tray construction and guide. 2,011,679; Aug. 20.
- Freiberger, Herman, Richmond Hill, N. Y. No-paste photograph album. 1,991,274; Feb. 12.
- Freiburger, Erwin. (See Corrigan, Frank J., assignor.)
- Friedrich, Martin E. (See Hitch, E. F., Dahlen, and Friedrich.)
- Freilich, Jacob. (See Schultz, A., Freilich and Frey.)
- Freiman, Michael. (See Stone, Julian E., assignor.)
- Freise, Louis H. (See Brand, Maurice B., assignor.)
- Freise, Max G., Angermund, near Dusseldorf, Germany, assignor to American Lurgi Corporation, New York, N. Y. Production of zinc. 2,000,833; May 7.
- Freling, Kathrine A., Kansas City, Mo. Hand case. 2,018,551; Oct. 22.

- French, Alfred W., Chicago, Ill., assignor to Blaw-Knox Company, Blawnox, Pa. Spading device for road finishing machines. 1,987,898; Jan. 15.
- French, Alfred W., Chicago, Ill., assignor to Blaw-Knox Company, Blawnox, Pa. Adjustable screed. 1,995,450; Mar. 26.
- French, Alfred W., Chicago, Ill., assignor, by mesne assignments, to Blaw-Knox Company, Pittsburgh, Pa. Machine for paving highways. 2,002,661; May 28.
- French, Arthur H., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Wax emulsion. 2,009,488; July 30.
- French Battery Company. (See Anthony, Herman R. C., assignor.)
- French Battery Company. (See Anthony, H. R. C., and Roper, assignors.)
- French, Charles A., Riverside, Ill. Steam generating system. 1,996,238; Apr. 2.
- French, Charles A., Riverside, Ill. Liquid fuel burner. 2,002,288; May 21.
- French, Charles A., Riverside, Ill. Fuel vaporizer and burner. 2,005,541; June 18.
- French, Dudley K., Winnetka, Ill. Soluble penetrating fluid. 2,021,448; Nov. 19.
- French, Earl B., assignor to The Union Specialty Company, Bridgeport, Conn. Wearing apparel supporter. 1,997,403; Apr. 9.
- French, Edward H., Columbus, Ohio. Production of pure by-products from resin-containing liquors. 1,997,171; Apr. 9.
- French, Edward H., Columbus, Ohio. Water soluble resinate production. 2,012,125; Aug. 20.
- French, Frank E., Jr. (See French, John P., assignor.)
- French, George F., Manchester, England. Heading tape for curtains and the like. 2,017,618; Oct. 15.
- French, Gerthal, Bayside, assignor to Sinclair Refining Company, New York, N. Y. Method and apparatus for handling soaps and the like. 2,010,661; Aug. 6.
- French, Harold F. (See Packard, Ardell, assignor.)
- French, Hartly, and W. F. Welbeloved, assignors to C. W. Chant, Toronto, Ontario, Canada. Sealing compound for pneumatic tires and making the same. 2,003,112; May 28.
- French, Henry C., Milwaukee, and F. G. Thwaites, Wauwatosa, assignors to The Heil Co., Milwaukee, Wis. Tank vehicle. 2,008,858; July 23.
- French, Henry G., Schenectady, N. Y., assignor to General Electric Company. Searchlight elevating mechanism. 1,987,438; Jan. 8.
- French, Henry G., Schenectady, N. Y., assignor to General Electric Company. Searchlight control mechanism. 2,021,720; Nov. 19.
- French, Horatio J. (See Andrews, H. K., and French.)
- French, James D. (See Dadds, S. S., and French.)
- French, John P., Alma, assignor of one-half to F. E. French, Jr., Alma, Mich., F. O. Parker, administrator of said J. P. French, deceased. Motor driven hack saw. 2,011,623; Aug. 20.
- French, John W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Application of solvent in preparing outsoles. 2,014,472; Sept. 17.
- French, Mary DeW., Warren, R. I. Brassière. 2,009,731; July 30.
- French Oil Mill Machinery Co., The. (See Simon, Forest C., assignor.)
- French Oil Mills Machinery Company, The. (See Stacy, Thomas F., assignor.)
- French, Ralph W., U. S. Army, Takoma Park, Md. Piezoelectrical oscillation indicator. 2,010,016; Aug. 6.
- French, Stanley F., Dobbs Ferry, assignor to Anaconda Wire & Cable Company, New York, N. Y. Electrical appliance plug. 2,022,497; Nov. 26.
- French, Stanley F., Dobbs Ferry, and E. L. Junghanns, Yonkers, assignors to Anaconda Wire & Cable Company, New York, N. Y. Cable wrapping machine. 1,989,135; Jan. 29.
- French, Thomas E., and F. B. Kern, London, England. Tilting pans and the like. 1,993,779; Mar. 12.
- French, William H., Evansville, Ind. Shoe. 2,012,188; Aug. 20.
- Frenkel, Gustav A., Oakland, assignor to Shell Development Company, San Francisco, Calif. Manufacture of carbon black. 1,990,228; Feb. 5.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Thermally controlled switch. 2,013,628; Sept. 3.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Voltage regulator. 2,025,681; Dec. 24.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Electric switch operating means. 2,025,682; Dec. 24.
- Fresno Brewing Company. (See Magill, Clyde, assignor.)
- Freter, Roy J., Toms River, assignor to Tack Button Company, Toms River, N. J. Method and apparatus for forming tubular rivets and the like. 2,017,795; Oct. 15.
- Fretter, Nathan F., Cleveland Heights, Ohio. Defrosting refrigerating units. 2,010,259; Aug. 6.
- Fretz-Moon Tube Company. (See Church, G. T., and Green, assignors.)
- Frenden, Gottfried, Brooklyn, N. Y. Slicing machine. 2,008,822; July 23.
- Freund, Berthold, Berlin-Schöneberg, Germany. Method of and apparatus for varying the length of sound records. 1,996,958; Apr. 9.
- Freund, Berthold, Berlin-Schöneberg, Germany. Apparatus for making and reproducing sound and picture records. 2,005,914; June 25.
- Freund, Berthold, Berlin-Schöneberg, Germany, assignor to International Tobis Maatschappij, N. V., Amsterdam, Netherlands. Power transmitting mechanism. 1,997,819; Apr. 16.
- Freund, Ernst, Vienna, Austria. Producing purified viscose solutions. 1,996,197; Apr. 2.
- Freund, Erwin O., assignor to The Visking Corporation, Chicago, Ill. Extruding viscose. 2,013,491; Sept. 3.
- Freund, Henry H., Cliffside, N. J., assignor to Du Pont Rayon Company, New York, N. Y. Dressing composition. 2,017,242; Oct. 15.
- Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Magazine exchanging device for typographical machines. 1,988,417; Jan. 15.
- Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Mortised matrix and assembling means therefor. 2,009,982; July 30.
- Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Magazine storage rack. 2,021,114; Nov. 12.
- Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Matrix composing stick. 2,025,683; Dec. 24.
- Freund, Herman R., Brooklyn, and A. G. Sperry, Hollis, assignors to Intertype Corporation, Brooklyn, N. Y. Typographical machine. 1,999,991; Apr. 30.
- Freund, Louis. (See Schmidt, Lambert, Jr., assignor.)
- Frevert, William, Belleville, N. J. Fishhook lure. 2,019,959; Nov. 5.
- Frey, Albert A., Forest Hills, Pa. Making iron. 1,992,999; Mar. 5.
- Frey, Charles N. (See Gore, H. C., Jozsa, and Frey.)
- Frey, Charles N. (See Schultz, A., Freilich and Frey.)
- Frey, Elmer E. (See Lynch, W. B., and Frey.)
- Frey, Franklin P., Cleveland, Okla., assignor to Johnson Oil Refining Company, Chicago, Ill. Brake fluid. 2,020,543; Nov. 12.
- Frey, Frederick E., assignor to Phillips Petroleum Company, Bartlesville, Okla. Converting hydrocarbons. 1,987,007; Jan. 8.
- Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Converting hydrocarbons. 2,002,394; May 21.
- Frey, Karl. (See Gams, A., and Frey.)
- Frey, Karl. (See Gams, A., Widmer, and Frey.)
- Frey, Mendel, Dordrecht, Netherlands. Apparatus for separation of solid combustion residues from combustion gases. 1,999,589; Apr. 30.
- Frey, Walter, Quedlinburg, Germany. Needle threader. 2,016,423; Oct. 8.
- Freydberg Brothers, Inc. (See Lasztoczy, Stephen, assignor.)
- Freyman, John J., Omaha, Nebr. Surgeon's obstetrical appliance. 2,009,655; July 30.
- Freyne Engineering Company. (See Bigelow, C. G., and Schofield, assignors.)
- Freyne Engineering Company. (See Fox, G., and Whitcomb, assignors.)
- Freyne Engineering Company. (See Whitcomb, A. J., and Callow, assignors.)
- Freysinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Handle for portfolios and the like. 2,009,192; July 23.
- Freysinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Buckle for belts and the like. 2,013,997; Sept. 10.
- Freysinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Buckle. 2,016,712; Oct. 8.
- Freytag, Emil. (See Delling, Richard E., assignor.)
- Freytag, Heinrich, Neuenkirchen Krels Soltan Hann, Soltan-Land, Germany. Table skittle alley. 2,017,796; Oct. 15.
- Freyvogel, William. (See Moore, H. J., and Pearson, assignors.)
- Frezzolini, James, New York, N. Y. Automatic garage door opener. 2,001,416; May 14.
- Fr. Hesser, Maschinenfabrik-Aktiengesellschaft. (See Fischer, Paul E., assignor.)
- Frick, Chester A., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Refrigerator. 1,990,987; Feb. 12.
- Frick Company. (See Aubrey, William H., assignor.)
- Frick Company. (See Buchler, Leon, Jr., assignor.)
- Frick Company. (See Clark, Fred L., assignor.)
- Frick Company. (See Kitzmiller, William R., assignor.)
- Frick Company. (See Shenton, Francis, assignor.)
- Frick Company. (See Small, Norman M., assignor.)
- Frick, Henry H., Fricks, Pa. Power transmission wheel. 2,000,834; May 7.
- Fricke, Hermann. (See Bartling, F., and Fricke.)
- Frickey, Royal E., assignor to Welding Service, Inc., San Francisco, Calif. Hardness tester. 2,001,097; May 14.
- Frickey, Royal E., San Francisco, and A. S. Kalenborn, Redwood City, assignors to Welding Service, Inc., San Francisco, Calif. Rail treatment apparatus. 2,013,461; Sept. 3.
- Frickley, Royal E., San Francisco, and A. S. Kalenborn, Redwood City, assignors to Welding Service, Inc., San Francisco, Calif. Rail heating apparatus. 1,992,943; Mar. 5.

- Frid, Eric, Edsbyn, Sweden, assignor to Sandvikens Jernverks Aktieförsäkring, Sandviken, Sweden. Saw handle. 2,006,990; July 2.
- Friden, Carl M. F., Oakland, assignor to Marchant Calculating Machine Company, Emeryville, Calif. Calculating machine. 1,986,193; Jan. 1.
- Friden, Carl M. F., Oakland, assignor to Marchant Calculating Machine Company, Emeryville, Calif. Calculating machine. 1,986,888; Jan. 8.
- Friden, Carl M. F., Oakland, assignor to Marchant Calculating Machine Company, Emeryville, Calif. Calculating machine. 2,009,010; July 23.
- Friden, Carl M. F., Piedmont, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 1,993,834; Mar. 12.
- Friden, Carl M. F., Piedmont, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,008,135; July 16.
- Friden, Carl M. F., Piedmont, Calif., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Recorder. 2,019,301; Oct. 29.
- Friden, Carl M. F., Piedmont, assignor to K. S. Thomson, Oakland, Calif. Card printer. 2,023,130; Dec. 3.
- Friden, Carl M. F., Piedmont, and G. Lerch, Oakland, Calif., assignors to Marchant Calculating Machine Company. Calculating machine. 2,011,274; Aug. 13.
- Fridén, John H., East Orange, assignor to The Sun Tube Corporation, Hillside, N. J. Collapsible tube capping machine. 2,016,424; Oct. 8.
- Friden, John H., East Orange, assignor to The Sun Tube Corporation, Hillside, N. J. Extrusion press. 2,023,879; Dec. 10.
- Fridheim, Ester A., Brooklyn, N. Y. Massage table. 1,990,600; Feb. 12.
- Fridolph, Annette, assignor to A. B. A. Specialties Company, Inc., New York, N. Y. Tufting needle. 1,998,418; Apr. 16.
- Fridolsheim, Adolf v., Ludwigshafen-on-the-Rhine, and M. Luther, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Oxidation of hydrocarbons. 1,990,229; Feb. 5.
- Fried, Jacob, New York, N. Y. Safety bathing suit. 2,005,460; June 18.
- Fried, Joseph A., assignor to P. Lauter, New York, N. Y. Fused connector. 1,990,176; Feb. 5.
- Fried, Krupp Aktiengesellschaft. (See Rittershausen, Fritz, assignor.)
- Fried, Krupp Aktiengesellschaft. (See Schröter, K., and Wolff, assignors.)
- Fried, Krupp Germaniawerft Aktiengesellschaft. (See Hänischke, Albert, assignor.)
- Friedberg, Abram B., Highland Park, and E. A. Arend, and J. N. Bearmore, Asbury Park, N. J. Flashing. 1,992,819; Feb. 26.
- Friedberg, Leo, New Brunswick, N. J. Flashing. 2,002,810; May 28.
- Friedell, Phil A., Oakland, Calif. Automatic speed reducing fluid clutch. 1,997,788; Apr. 16.
- Friedell, Philip A., et al. (See Smith, Frank L., assignor.)
- Friedemann, William, Cincinnati, Ohio. Safety device for power driven members. 1,986,802; Jan. 8.
- Frieden, Alexander, New Rochelle, N. Y. Receptacle for liquid material. 1,986,887; Jan. 8.
- Friederich, Ernst, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electric lamp. 1,998,959; Apr. 23.
- Friedrichs, George A., Erie, Pa. Candle protector. 2,017,533; Oct. 15.
- Friederici, Ludwig. (See Giller, F., and Friederici.)
- Friedlaender, Julius, Gummiwaren-Fabrik, G. m. b. H. (See Rath, Josef, assignor.)
- Friedlaender, Leo I., assignor to Evans Products Company. Car loading device. 2,024,444; Dec. 17.
- Friedland, Max, New York, N. Y. Iverse cam. 1,993,135; Mar. 5.
- Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Method of and apparatus for manufacture of bolts, rivets, and like articles. 2,017,309; Oct. 15.
- Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Bolt making machine. 2,020,660; Nov. 12.
- Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Machine and method for making spikes. 2,023,636; Dec. 10.
- Friedman, John H., Tiffin, assignor to The National Machinery Company, Tiffin, Ohio. Pointer mechanism. 2,025,855; Dec. 31.
- Friedman, Leo G., Greenwich, Conn., assignor to N. Littell, New Canaan, Conn. Creator kit. 2,011,714; Aug. 20.
- Friedman, Lester M. (See Lavender, John J., assignor.)
- Friedman-Lobel, Inc. (See Lobel, Rudolph, assignor.)
- Friedman, Morton A., Belmont, assignor to Gillette Safety Razor Company, Boston, Mass. Packaging sharp edged blades. 2,007,046; July 2.
- Friedman, Samuel I. S. (See Bloom, O. I., and Friedman.)
- Friedman, Saul. (See Langella, Alfred, assignor.)
- Friedman, William H., Youngstown, assignor of one-fifth to D. Clayman, Niles, Ohio, and one-fourth to E. Ungar, Youngstown, Ohio. Arc welding apparatus. 2,011,335; Aug. 13.
- Friedmann, Adolph, Chicago, Ill. Cigarette wrapper. 2,026,307; Dec. 31.
- Friedmann, Albert, Wyomissing, Pa., assignor to Louis Hirsch Textile Machines, Inc., New York, N. Y. Carrier rod operating mechanism for flat knitting machines. 2,018,059; Oct. 22.
- Friedmann, Alex, The firm. (See Deutsch, H., and Jomek, assignors.)
- Friedmann, Jacob, Freeport, assignor to H. D. Bob Company, Inc., New York, N. Y. Shirt and method for attaching labels thereto. 1,990,278; Feb. 5.
- Friedmann-Lobel, Inc. (See Lobel, Rudolph, assignor.)
- Friedmann, Otto, Vienna, Austria. Cleaning attachment for combs. 2,005,520; June 18.
- Friedrich & Dimmock. (See Friedrich, Paul O. E., assignor.)
- Friedrich, Edward. (See Friedrich, George E., assignor.)
- Friedrich, Ernst, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electric lamp. 2,020,055; Nov. 5.
- Friedrich, George E., San Antonio, assignor to Edward Friedrich, San Antonio, Texas. Florist's refrigerator. 2,004,691; June 11.
- Friedrich, George E., assignor to Edward Friedrich, San Antonio, Texas. Refrigerator. 2,004,692; June 11.
- Friedrich, George E., assignor to E. Friedrich, San Antonio, Tex. Butcher's meat cooler. 2,012,559; Aug. 27.
- Friedrich, George E., assignor to E. Friedrich, San Antonio, Tex. Refrigerator door. 2,021,057; Nov. 12.
- Friedrich, Max, Chicago, Ill. Sand braking device, particularly adapted for use on automobiles. 2,003,631; June 4.
- Friedrich, Paul O. E., Millville, N. J., assignor to firm Friedrich & Dimmock, New York, N. Y. Method and apparatus for producing curled or crimped glass wool. 2,002,314; May 21.
- Friedrich, Wilhelm, Berlin-Lichterfelde, Germany. Producing foam for fire extinction. 2,003,184; May 28.
- Friedrichsen, Heinrich, Berlin-Treptow, Germany, assignor to General Electric Company. Gaseous electric discharge device. 1,990,177; Feb. 5.
- Frielinghaus, Louis, assignor to Schloemann Aktiengesellschaft, Düsseldorf, Germany. Folder for sheets. 2,020,939; Nov. 12.
- Friend, Halton H., New York, N. Y., assignor to Radio Corporation of America. Light sensitive device. 2,013,095; Sept. 3.
- Friend, Leo. (See Rollnick, G., and Friend.)
- Friend, Otto A. (See Bascom, H. M., Friend, and McDavitt.)
- Friend, Robert O. (See Montgomery, J. A., and Friend.)
- Friend, Robert O., and J. A. Montgomery, Chicago, Ill. Zeolite water softener. 2,000,696; May 7.
- Friend, Walter M. (See Schneider, W. G., and Friend.)
- Friendly, Herbert M. (See Wilson, Leonard, assignor.)
- Friendly, Herbert M., deceased, by M. S. Friendly and Central Republic Bank and Trust Company, coexecutors, assignors to Milton S. Friendly, Chicago, Ill., Oscar N. Friendly, Salt Lake City, Utah, and Central Republic Trust Company, Chicago, Ill., trustees under the will of Herbert M. Friendly, deceased. Telephone system. 1,990,644; Feb. 12.
- Friendly, Herbert M.; M. S. Friendly and Central Republic Trust Company, executors of last will of said H. M. Friendly, deceased, assignors to M. S. Friendly, Chicago, Ill., O. N. Friendly, Salt Lake City, Utah, and Central Republic Trust Company, Chicago, Ill., trustees. Elevator timing indicator. 2,007,711; July 9.
- Friendly, Herbert M., deceased, by M. S. Friendly and Central Republic Trust Company, co-executors, assignors to M. S. Friendly, Chicago, Ill., O. N. Friendly, Salt Lake City, Utah, and Central Republic Trust Company, Chicago, Ill., trustees. Telephone system 2,007,712; July 9.
- Friendly, Milton S., executor and trustee. (See Friendly, Herbert M.)
- Friendly, Milton S., executor et al. (See Friendly, Herbert M.)
- Friendly, Milton S., et al. (See Wilson, Leonard, assignor.)
- Friendly, Oscar N., trustee. (See Friendly, Herbert M.)
- Friendly, Oscar N., trustee, et al. (See Friendly, Herbert M., assignor.)
- Friendly, Oscar N., et al. (See Wilson, Leonard, assignor.)
- Fries, Frederick W., Rochdale, N. Y. Swivel electrical connector. 2,021,504; Nov. 19.
- Fries, Friedrich A. (See Ebert, G., Fries and Garbsch.)
- Fries, Friedrich A. (See Ulrich, H., Dehnert and Fries.)
- Friesel, David, U. S. Army, Washington, D. C. Typewriter attachment. 2,004,938; June 18.
- Friesenbahn, Peter, Berlin-Grunewald, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Wetting out, cleaning, and emulsion agents in a solid grindable form. 1,999,628; Apr. 30.
- Friesenbahn, Peter, Berlin-Grunewald, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Detergent. 1,999,629; Apr. 30.
- Friesenbahn, Peter, Berlin-Grunewald, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Detergent compositions. 1,999,630; Apr. 30.

- Friesenhahn, Peter, Berlin-Grünwald, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Detergent composition. 1,999,631; Apr. 30.
- Friesenhahn, Peter, Berlin-Grünwald, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Detergent composition and process. 1,999,632; Apr. 30.
- Frieser, Helmut, Berlin-Pichelsdorf, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Multicolor filter used in taking and projecting photos on lenticulated films. 1,989,748; Feb. 5.
- Friesner, Charles E., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Back cushion mounting for gliders. 1,993,835; Mar. 12.
- Friesner, Charles E., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Armrest for gliders. 1,995,739; Mar. 26.
- Friesner, Charles E., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Awning device. 2,019,960; Nov. 5.
- Friess, Hans, Berlin, Germany. Rewinding apparatus for sound films. 1,986,053; Jan. 1.
- Friestedt, Sven H., Roselle Park, N. J. Method of tanning leather and the leather produced by said method. 2,009,255; July 23.
- Frigid Fluid Company. (See Goodman, Charles W., assignor.)
- Frigidaire Corporation. (See Dasher, Don E., assignor.)
- Frigidaire Corporation. (See Eiche, Harold D., assignor.)
- Frigidaire Corporation. (See Gibson, J., Lowell, assignor.)
- Frigidaire Corporation. (See King, Jesse G., assignor.)
- Frigidaire Corporation. (See Kucher, Andrew A., assignor.)
- Frigidaire Corporation. (See Midgley, T., Jr., and Henne, assignors.)
- Friis, Björn S. T., Cambridge, assignor of one-half to E. Henry, Melrose, and one-half to J. H. Seaman, Boston, Mass. Electrically operated lighting system for vehicles. 2,013,044; Sept. 3.
- Friis, Harald T., Rumson, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Translating circuit. 2,013,140; Sept. 3.
- Frink, Carl H., Clayton, N. Y. Snowplow attachment for motor trucks. 2,006,761; July 2.
- Frink, William S., New York, N. Y. Clip brooch. 1,986,803; Jan. 8.
- Frisch, Arthur, assignor to Margon Corporation, New York, N. Y. Mouth set for dolls. 1,999,724; Apr. 30.
- Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Pulverization. 1,990,178; Feb. 5.
- Frischmuth, Emmerich, Berlin-Dahlem, and M. Schenkel, Berlin-Charlottenburg, Germany, assignors to Westinghouse Electric & Manufacturing Company, New York, N. Y. Load equalizing system. 1,993,000; Mar. 5.
- Frisco, Andrew, Akron, Ohio. Hose nozzle. 1,994,389; Mar. 12.
- Fritzsche, Harry L., et al. (See Hall, Frederick H.)
- Fritzsche, Beverley C. (See Fritzsche, Carl B., assignor.)
- Fritzsche, Carl B., assignor to B. C. Fritzsche, Detroit, Mich. Mobile parcels container. 2,008,176; July 16.
- Fritzsche, Carl B., assignor to Beverley G. Fritzsche, Grosse Pointe, Mich. Car body structure. 2,023,046; Dec. 3.
- Fritzsche, Rudolf, New York, N. Y. Lithographic plate graining device. 2,005,654; June 18.
- Fritz, Awald R., Michigan City, Ind. Safety razor blade holder. 2,016,995; Oct. 8.
- Fritz, Edward M., assignor to Grand Rapids Cabinet Company, Grand Rapids, Mich. Display window. 1,998,500; Apr. 23.
- Fritz, Hanns, assignor to the firm "Schnellpressenfabrik Koenig & Bauer Aktiengesellschaft," Würzburg, Germany. Automatic casting machine for metal bars as used in composing machines. 2,012,189; Aug. 20.
- Fritz, Hanns, assignor to firm "Schnellpressenfabrik Koenig & Bauer Aktiengesellschaft," Würzburg, Germany. Folding device for rotary printing machines. 2,017,619; Oct. 15.
- Fritz, Helmut, Mauer, and E. Glaser, Vienna, Austria. Manufacture of a plastic material, capable of being hardened. 1,998,667; Apr. 23.
- Fritz, Henry, Sr., Sheboygan, Wis. Slicing machine. 2,024,157; Dec. 17.
- Fritz, Henry, Sr., Sheboygan, Wis., assignor of one-half to A. Hardt, Chicago, Ill. Slicing machine. 1,995,096; Mar. 19.
- Fritz, Max H., Berlin, Germany, assignor to the firm Verenigde Internationale Agenturen Maatschappij Amsterdam, Netherlands. Safety device to prevent film burning. 1,989,310; Jan. 29.
- Fritz, Rudolph A., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Supplemental door operating means. 2,012,925; Aug. 27.
- Fritz, William A., Columbus, Ohio. Mixing nozzle. 2,025,974; Dec. 31.
- Fritz, William H. (See Anderson, E. E., and Fritz.)
- Fritze, Jonathan R. (See Sutton, R. J., and Fritze.)
- Fritze, Otto. (See Rüttenauer, A., and Fritze.)
- Fritze, Otto, Berlin, Germany, assignor to General Electric Company. Irradiating device. 1,994,311; Mar. 12.
- Fritze, Otto, Berlin, and A. Rüttenauer, Berlin-Halensee, Germany, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,020,724; Nov. 12.
- Fritze, Otto, Berlin and A. Rüttenauer, Berlin-Halensee, Germany, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,020,725; Nov. 12.
- Fritzsche, Curt, Leipzig, Germany. Centrifugal casting apparatus for dental purposes. 2,009,489; July 30.
- Fritzsche, Paul. (See Streitwolf, K., Fehrl, Herrmann, Fritzsche, and Schnitzer.)
- Froehlig, Rudolph A., White Fish Bay, assignor to Badger Carton Company, Milwaukee, Wis. Display rack. 1,987,439; Jan. 8.
- Froehlig, Rudolph A., Whitefish Bay, assignor to Badger Carton Company, Milwaukee, Wis. Container. 2,008,443; July 16.
- Frohmer, Claus, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electric control means. 2,002,369; May 21.
- Frohne, Albin, assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Game apparatus. 2,024,851; Dec. 17.
- Frolander, Frank C., Elizabeth, N. J. Renewable filter. 1,996,469; Apr. 2.
- Frolich, Eugen, Zurich, Switzerland. Operating device for perforating blades used in the forms of printing machines. 2,018,352; Oct. 22.
- Frolich, Per K., Elizabeth, N. J., assignor to Standard Oil Development Company. Production of normally liquid hydrocarbons from gaseous or lower boiling hydrocarbon materials. 2,002,534; May 28.
- Frolich, Per K., Elizabeth, N. J., assignor to Standard Oil Development Company. Preparation of esters. 2,012,993; Sept. 3.
- Frolich, Per K., Roselle, N. J., assignor to Standard Oil Development Company. Rubber composition containing asphaltene. 2,009,712; July 30.
- Frolich, Per K., Roselle, N. J., assignor to Standard Oil Development Company. Producing pour inhibitors. 2,015,748; Oct. 1.
- Frolich, Per K., and F. L. Miller, Elizabeth, N. J., assignors to Standard Oil Development Company. Alcohol denaturant. 1,993,270; Mar. 5.
- Frolich, Per K., and F. L. Miller, Elizabeth, N. J., assignors to Standard Oil Development Company. Denaturant for alcohol and preparing the same. 1,993,271; Mar. 5.
- Frolich, Per K., Cambridge, Mass., and J. W. Fugh, Breckenridge, Tex., assignors to Standard Oil Development Company. Separation of hydrocarbons and their oxygen-containing derivatives. 2,002,533; May 28.
- Frolich, Per K., and P. J. Wierzch, Elizabeth, N. J., assignors to Standard Oil Development Company. Preparing halogenated ketones. 2,006,198; June 25.
- Frolich, Per K., and P. J. Wierzch, Elizabeth, N. J., assignors to Standard Oil Development Company. Acetylation of liquid polyhydroxy aliphatic alcohols by means of a ketene. 2,018,739; Oct. 29.
- Frommherz, Julius, Baden, Germany. Hand press. 2,006,889; July 2.
- Frost, Clinton E., Cleveland Heights, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Brush. 1,990,025; Feb. 5.
- Frost, Clinton E., Cleveland Heights, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Brush. 2,010,691; Aug. 6.
- Frost, Clinton E., Cleveland Heights, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Brush. 2,014,281; Sept. 10.
- Frost, Clinton E., Youngstown, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Brush. 2,002,370; May 21.
- Frost, Earl R., assignor to The National Machinery Company, Tiffin, Ohio. Heating objects electrically. 1,998,363; Apr. 16.
- Frost, Earl R., assignor to The National Machinery Company, Tiffin, Ohio. Machine and method for manufacturing bolts. 2,020,658; Nov. 12.
- Frost, Earl R., assignor to The National Machinery Company, Tiffin, Ohio. Bolt making machine. 2,020,659; Nov. 12.
- Frost, Frank L., Jr., Cleveland Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Preparing zinc chloride melts for granulation. 1,999,873; Apr. 30.
- Frost, Frank R., assignor to Superior Steel Corporation, Pittsburgh, Pa. Making composite ingots. 2,005,338; June 18.
- Frost, George S., Baldwin, N. Y. Puzzle. 1,988,273; Jan. 15.
- Frost, George S., Baldwin, N. Y. Package for food products. 1,994,214; Mar. 12.
- Frost, George S., Baldwin, N. Y. Package. 2,014,648; Sept. 17.
- Frost, George S., Baldwin, N. Y. Machine for trimming pies. 2,021,597; Nov. 19.
- Frost, Harry W., Jr., assignor to Frost Railway Supply Company, Detroit, Mich. Car truck. 2,008,205; July 16.
- Frost, Herbert E., Floral Park, N. Y. Typewriter keyboard. 2,011,759; Aug. 20.
- Frost, Herbert H. (See Minton, John P., assignor.)
- Frost, John G., assignor to The Vitreous Enameling Company, Cleveland, Ohio. Acid resistant vitreous enamel composition. 2,010,776; Aug. 6.
- Frost, John O. (See Mountford, Sara E., and Frost.)

- Frost, Myron O., Richmond Heights, and P. Mattler, St. Louis, Mo., assignors, by mesne assignments, to The Lamson Company, Syracuse, N. Y. Distribution system for shoe factories. 2,013,141; Sept. 3.
- Frost, Myron O., Richmond Heights, and P. Mattler, St. Louis, Mo., assignors, by mesne assignments, to The Lamson Company, Syracuse, N. Y. Distribution system for shoe factories. 2,017,148; Oct. 15.
- Frost, Orcutt W., assignor to Wood Conversion Company, Cloquet, Minn. Manufacture of artificial boards and like structures. 1,995,145; Mar. 19.
- Frost Railway Supply Company. (See Frost, Harry W., Jr., assignor.)
- Frosted Foods Company. (See Birdseye, Clarence, assignor.)
- Frosted Foods Company. (See Birdseye, C., and Hall, assignors.)
- Frosted Wool Process Company. (See Greenleaf, Robert M., assignor.)
- Fröttlinger, Hermann, Berlin-Wilmersdorf, Germany. Fluid driven and driving apparatus. 2,004,279; June 11.
- Froude, Albert W., Ridgewood, N. J., assignor to The American Steel and Wire Company of New Jersey. Structural member. 1,986,721; Jan. 1.
- Froussard, Albert F., St. Louis, Mo. Shoe sole machine. 1,994,510; Mar. 19.
- Fruchter, Samuel, Brooklyn, N. Y. Glide for furniture legs. 1,988,377; Jan. 15.
- Fruehauf Trailer Corporation. (See Reid, Frederick M., assignor.)
- Fruhauf, Leo, Pelham, N. Y. Vest. 2,012,848; Aug. 27.
- Fruit Juice Machine Company. (See Crowe, John M., assignor.)
- Fruit Packers Supply and Equipment Company. (See Morris, D. C., and Cockrill, assignors.)
- Frum, Alexander, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Stabilization of electromagnetic oscillations. 2,015,178; Sept. 24.
- Frum, Alexander, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmitter control. 2,026,382; Dec. 31.
- Fruth, Hal F., assignor to P. R. Mallory & Co., Incorporated, Indianapolis, Ind. Electric current rectifier. 1,989,311; Jan. 29.
- Fruth, Hal F., assignor to P. R. Mallory & Co., Incorporated, Indianapolis, Ind. Condenser foil terminal. 2,020,408; Nov. 12.
- Fry, Adolf, Essen, Germany, assignor to The Nitralloy Corporation. Steel alloy. 1,991,977; Feb. 19.
- Fry, Albert L. (See LeLaurin, H., and Fry.)
- Fry, Benjamin W., assignor to National Venders, Inc., St. Louis, Mo. Vending machine. 1,994,342; Mar. 12.
- Fry, Charles H. M., Point Pleasant, W. Va. Multicylinder internal combustion engine. 2,025,162; Dec. 24.
- Fry, Clark L., Wisconsin Rapids, Wis. Demountable wheel. 1,995,097; Mar. 19.
- Fry, Ernest T., assignor to R. G. Moses, Baltimore, Md. Safety razor. 1,991,275; Feb. 12.
- Fry, Francis H., Gravesend, England, assignor to W. T. Henley's Telegraph Works Company, Limited, London, England. Controlling the tension on strips of flexible material drawn from flat coils. 2,001,780; May 21.
- Fry, Lloyd A., assignor of one-half to The Lehon Company, Chicago, Ill. Treating asphalt shingles and composition therefor. 2,000,226; May 7.
- Fry, Robert M., Upper Darby, Pa. Rectal instrument. 1,996,470; Apr. 2.
- Fry, Walter L., Scarsdale, assignor, by mesne assignments, to Milton Loewe, New York, N. Y. Covers for seat side arms. 2,004,982; June 18.
- Fry, Walter L., Scarsdale, N. Y., and J. Bruckl, Union City, N. J., assignors, by mesne assignments, to M. Loewe, New York, N. Y. Seat cushion cover. 1,996,575; Apr. 2.
- Fry, William. (See Heath, S. B., and Fry.)
- Frye, Edward J., et al. (See Behm, Albert W., assignor.)
- Frye, Fred L. and J. K., New Boston, Ill., assignors of one-half to H. Englehart, Davenport, Iowa. Combined jack and wheel and gear puller. 2,003,648; June 4.
- Frye, Jason S., Sacramento, assignor of one-third to C. E. Baker, one-third to A. I. Richards, and one-third to H. M. Rich, Sacramento, Calif. Fuse igniter. 2,003,483; June 4.
- Frye, John K. (See Frye, Fred L. and J. K.)
- Frye, Lawrence B., Philadelphia, Pa. Paste tube cap. 1,993,054; Mar. 5.
- Fryer, William H., Dayton, assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Slicing machine knife scraper. 2,025,737; Dec. 31.
- Fryling, Charles F. (See Burke, S. P., and Fryling.)
- Fryling, Charles T. (See Burke, S. P., and Fryling.)
- Fuchs, Carl, Mergelstetten, near Heidenheim-on-the-Brenz, Germany. Adjustable blade runner. 2,002,735; May 28.
- Fuchs, Carl, and A. Arb, Zurich, Switzerland. Panel element. 1,991,145; Feb. 12.
- Fuchs, Charles A., Hollis, Long Island, assignor, by mesne assignments, to Projector Improvement Company, Inc., New York, N. Y. Carbon saver ferrule for uncut carbon electrode sticks. 1,997,297; Apr. 9.
- Fuchs, Charles A., Hollis, assignor, by mesne assignments, to Ralph C. Coxhead Corporation, New York, N. Y. Securing a scale strip to a scale bar. 2,001,060; May 14.
- Fuchs, Eugene A., Atlanta, assignor to D. N. McCurdy, Stone Mountain, Ga. Rat trap. 1,998,419; Apr. 16.
- Fuchs, Friedrich, Frankfurt-on-the-Main, Germany, assignor to firm Revag A.-G., Zuzwil, Switzerland. Machine for automatically producing clasp fastener strips. 1,992,367; Feb. 26.
- Fuchs, Friedrich, Leitmeritz, Czechoslovakia. Apparatus for coiling compound torsion springs. 2,006,389; July 2.
- Fuchs, Harry B., Brooklyn, N. Y. Radio remote control and automatic tuning. 2,012,603; Aug. 27.
- Fuchs, Herman, Colmar, Pa. Apparatus for knitting. 1,993,509; Mar. 5.
- Fuchs, Herman C., assignor to Permatex Company, Inc., Brooklyn, N. Y. Grinding composition. 2,006,162; June 25.
- Fuchs, Otto, Constance, Germany, and W. Querfurth, Kreuzlingen, Switzerland, assignors to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Production of higher alcohols, particularly butyl alcohol, from ethyl alcohol. 1,992,480; Feb. 26.
- Fuchs, Sigismund and G. Schulz, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Composition for oiling textile fibers. 2,009,612; July 30.
- Fuehrer, George H., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve mechanism for rock drills. 1,999,690; Apr. 30.
- Fuel Development Corporation. (See Kimball, Leo B., assignor.)
- Fuel Oil Motors Corporation. (See Schwarz, Alfred, assignor.)
- Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic shutter construction. 1,991,146; Feb. 12.
- Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 1,997,331; Apr. 9.
- Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Camera construction. 2,000,588; May 7.
- Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Air vent for camera bellows. 2,005,417; June 18.
- Fuerst, Edwin W. (See Straub, W. F., and Fuerst.)
- Fuerst, Joseph, New York, N. Y. Food serving or handling implement. 2,010,074; Aug. 6.
- Fues, Ernst, Hanau-on-the-Main, Germany, assignor to A. W. Deller, Brooklyn, N. Y. Producing multi-layer paper, cardboard, pasteboard, boxboard and the like and product thereof. 2,024,635; Dec. 17.
- Fuess, James T. (See Staud, C. J., and Fuess.)
- Fuge, William C., and J. W. Rush, assignors to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Tuft pile fabric loom. 2,016,001; Oct. 1.
- Fugit, Carl A., Alhambra, Calif. Orchard heater. 2,016,002; Oct. 1.
- Fugle, Matthew P., Oak Park, Ill., assignor to Larkin Refrigerating Corporation, Atlanta, Ga. Refrigeration apparatus. 1,990,541; Feb. 12.
- Fugle, Matthew P., assignor to Commercial Coil and Refrigeration Co., Chicago, Ill. Refrigerating unit. 2,009,312; July 23.
- Fugle, Matthew P., Oak Park, Ill., assignor of one-half to Larkin Refrigerating Corporation, Atlanta, Ga. Liquid refrigerating unit. 2,023,069; Dec. 3.
- Fuhrmann, Louis J., Peoria, assignor to Allied Mills, Inc., Chicago, Ill. Making glue and a plastic material and product thereof. 2,006,736; July 2.
- Fujitani, Yasuzo. (See Tanabe, S., and Fujitani.)
- Fukumoto, Kameichi, San Francisco, Calif. Figure toy. 1,987,528; Jan. 8.
- Fulcher, Roy F. (See Carle, William T., assignor.)
- Fulda, Wilhelm, Lautawerk, E. Wiedbrauck, Essen, and R. R. B. Wittig, Lautawerk, assignors to the firms Vereinigte Aluminium-Werke Aktiengesellschaft Lautawerk (Lausitz), and Th. Goldschmidt A.-G., Essen (Ruhr), Germany. Producing pure alumina. 2,021,546; Nov. 19.
- Fulk, Casper, and W. Fulk, Linville, Va. Brooder stove. 2,025,975; Dec. 31.
- Fulk, Weldon. (See Fulk, Casper and W.)
- Fulke, Frank L., assignor to Frank Prox Company, Terre Haute, Ind. Cutter chain. 1,994,019; Mar. 12.
- Fulks, Ira A., Columbus, Ohio. Burglarproof device. 1,989,591; Jan. 29.
- Full Tone Process Company, The. (See Ernst, Victor C., assignor.)
- Fullarton, Gregg M., Oak Park, and J. M. Blessing, Cicero, Ill., assignors to Western Electric Company, New York, N. Y. Foot protector. 2,023,580; Dec. 10.
- Fuller, Albert B., assignor to Eastman Kodak Company, Rochester, N. Y. Filter holder. 1,987,058; Jan. 8.
- Fuller, Albert B., assignor to Eastman Kodak Company, Rochester, N. Y. Exposure control apparatus. 2,000,589; May 7.
- Fuller, Andrew D., Boston, Mass. Article of furniture. 2,010,855; Aug. 13.
- Fuller, Andrew D., Boston, Mass. Article of furniture. 2,015,518; Sept. 24.
- Fuller, Arthur D., New Rochelle, assignor to National Adhesives Corporation, New York, N. Y. Manufacture of refined sago starch. 2,014,798; Sept. 17.

- Fuller, Arthur D., New Rochelle, assignor to National Adhesives Corporation, New York, N. Y. Dextrinization of gelatinized starch. 2,014,799; Sept. 17.
- Fuller Brush Company, The. (See Cave, Henry, assignor.)
- Fuller, Charles W. (See Rolfs, E. L., and Fuller.)
- Fuller Company. (See Morrow, Joseph H., assignor.)
- Fuller Company. (See Pfeiffer, César, assignor.)
- Fuller Company. (See Redfield, Snowden B., assignor.)
- Fuller, Emil E., assignor to Shambow Shuttle Company, Woonsocket, R. I. Shuttle. 2,004,721; June 11.
- Fuller, Emil E., assignor to Shambow Shuttle Company, Woonsocket, R. I. Shuttle. 2,023,678; Dec. 10.
- Fuller, Everett W. (See Story, B. W., and Fuller.)
- Fuller, Frederick L., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Sorting and printing machine. 1,989,976; Feb. 5.
- Fuller, Frederick L., West Orange, N. J., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,991,551; Feb. 19.
- Fuller, Frederick L., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,003,783; June 4.
- Fuller, Frederick L., West Orange, N. J., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,015,749; Oct. 1.
- Fuller, Frederick L., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,019,900; Nov. 5.
- Fuller, George H. (See Stimpson, C. A., Fuller, and Marbach.)
- Fuller, Grant L., Cleveland Heights, Ohio. Illuminated sign. 1,993,136; Mar. 5.
- Fuller, John E., and F. W. Jones, Washington, D. C. Automatic joint tightener for vehicles. 1,993,324; Mar. 5.
- Fuller Lehigh Company. (See Bailey, Ervin G., assignor.)
- Fuller Lehigh Company. (See Bailey, E. G., Cassidy, and Hardgrove, assignors.)
- Fuller Lehigh Company. (See Bailey, E. G., and Hardgrove, assignors.)
- Fuller Lehigh Company. (See Bailey, E. G., Kerr, and Hardgrove, assignors.)
- Fuller Lehigh Company. (See Bailey, E. G., and Mayo, assignors.)
- Fuller Lehigh Company. (See Bailey, E. G., and Shellenberger, assignors.)
- Fuller Lehigh Company. (See Boland, Edward L., assignor.)
- Fuller Lehigh Company. (See Godshalk, R. L., and Shellenberger, assignors.)
- Fuller Lehigh Company. (See Hardgrove, Ralph M., assignor.)
- Fuller Lehigh Company. (See Lucke, Charles E., assignor.)
- Fuller Lehigh Company. (See Maxwell, Carl A., assignor.)
- Fuller Lehigh Company. (See Mayo, Dana H. N., assignor.)
- Fuller Lehigh Company. (See Shellenberger, Rolfe, assignor.)
- Fuller, Leo H., Inc. (See Hinson, Jay B., assignor.)
- Fuller, Louis J. (See McCahan, J. H., Fuller, and Samblanet.)
- Fuller Manufacturing Company. (See Cook, Charles A., assignor.)
- Fuller, William D., Springfield, Ohio. Exerciser. 2,007,852; July 9.
- Fuller, William W., Norfolk, Va. Window operating mechanism. 2,022,848; Dec. 3.
- Fullerton, Clarence A., New York, N. Y. Combination cooking stove and kitchen cabinet. 1,989,749; Feb. 5.
- Fullerton, George H., Pitcairn, Pa. Headlight and horn. 1,987,396; Jan. 8.
- Fullerton, William O., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Indicating device. 1,998,836; Apr. 23.
- Fullman, James M. G., Sewickley, Pa., assignor to National Electric Products Corporation, New York, N. Y. Under-floor duct system. 1,996,371; Apr. 2.
- Fullman, James M. G., Sewickley, assignor to National Electric Products Corporation, Pittsburgh, Pa. Electrical plug. 1,998,129; Apr. 16.
- Fullmer, Giles C., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Cosmetic holder. 1,987,473; Jan. 8.
- Fulmer, Joseph H., Nazareth, Pa. Exhaust end construction for hay curing chambers. 1,996,700; Apr. 2.
- Fulper Pottery Company. (See Stangl, Johan M., assignor.)
- Fulton, Alfred C., Euclid, and G. F. Glass, Cleveland, and E. Koch, East Cleveland, assignors to The Ohio Bronze Powder Company, Cleveland, Ohio. Duplex package. 2,019,565; Nov. 5.
- Fulton Company, The. (See Grotenhuis, William J., assignor.)
- Fulton Company, The. (See Thorp, Joel R., assignor.)
- Fulton, Franklin D. (See Hurst, W. M., and Fulton.)
- Fulton, Gladys G., Brooklyn, N. Y. Chair rung fastener. 1,998,049; Apr. 16.
- Fulton, Nell, New York, N. Y. Hair curler. 1,991,147; Feb. 12.
- Fulton, Nell, New York, N. Y. Hair curler. 1,994,099; Mar. 12.
- Fulton, Robert R., Pittsburgh, Pa., assignor to Puritan Soap Company, Rochester, N. Y. Hydraulic pressure transmitting fluid. 1,986,260; Jan. 1.
- Fulton, Robert R., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Preparation of ammonium sulphate. 1,986,889; Jan. 8.
- Fulton, Stephen M. (See Kimpton, W. H., and Fulton.)
- Fulton, Stephen M., and G. C. Tyce, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile materials. 2,018,017; Oct. 22.
- Fulton, Stephen M., G. A. Armett, and H. Ewing, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile machine. 2,022,849; Dec. 3.
- Fulton, Stewart C., Elizabeth, N. J., assignor to Standard Oil Development Company. Treating hydrocarbon oils with formaldehyde, a condensing agent, and acetic acid. 2,018,715; Oct. 29.
- Fulton, Stewart C., Elizabeth and V. Kalichevsky, Woodbury, N. J., assignors to Standard-I. G. Company. Manufacture of resins by hydrogenation. 2,006,199; June 25.
- Fulton, Stewart C., Elizabeth, and J. Kunc, Roselle Park, N. J., assignors to Standard Oil Development Company. Aluminum chloride synthesis of resins, and product thereof. 2,025,738; Dec. 31.
- Fulton Sylphon Company, The. (See Carson William W., Jr., assignor.)
- Fulton Sylphon Company. (See Cate, Paul E., assignor.)
- Fulton Sylphon Company, The. (See Giesler, Jean V., assignor.)
- Fulton Sylphon Company, The. (See Giesler, J. V., and Mackintosh, assignors.)
- Fulton Sylphon Company, The. (See Reeder, Frank C., assignor.)
- Fulton Sylphon Company. (See Smith, Edwin F., assignor.)
- Fulton Sylphon Company, The. (See Stewart, Alden D., assignor.)
- Fulton, William B., Eagle Rock, Calif. Deforming or compressing flexible member. 1,994,098; Mar. 12.
- Ful-Vue Sales Company, The. (See Pappert, Emanuel, assignor.)
- Fulweiler, Walter H., Wallingford, assignor to The United Gas Improvement Company, Philadelphia, Pa. Prevention of gum formation in gas distribution systems. 1,986,333; Jan. 1.
- Fulweiler, Walter H., Wallingford, and C. W. Jordan, Paoli, assignors to The United Gas Improvement Company, Philadelphia, Pa. Gas meter and diaphragm therefor. 1,990,320; Feb. 5.
- Funacka, Seigo, Kuramada-cho, Sakyo-Ku, Kyoto-shi, Japan. Preparing the alkali and alkaline earth salts of sugar phosphoric acid esters. 2,024,036; Dec. 10.
- Funcher, Roy G. (See Carle, William T., assignor.)
- Funck, Jacob, and A. W. Dunn, Rochester, N. Y., said Funck assignor to said Dunn. Combined shoe lasting and sole applying apparatus. 2,008,788; July 23.
- Funcke, Julius C., and H. A. Chisholm, Elizabethton, Tenn., assignors to North American Rayon Corporation. Thread guide. 2,011,809; Aug. 20.
- Funcke, Max. (See Wells, W. B., and Funcke.)
- Funk, Ernest R. (See Ryan, E., and Funk.)
- Funk, Forest J. (See Iszak, A., and Funk.)
- Funk, Hugo A., Los Angeles, Calif. Fountain pen. 2,011,516; Aug. 13.
- Funk, Hugo A., assignor of one-half to L. L. Goble, Los Angeles, and one-half to N. C. Funk, Hermosa Beach, Calif. Fountain feed dip pen. 1,996,327; Apr. 2.
- Funk, James M., Rockford, Ill., assignor to George D. Roper Corporation. Air moving apparatus. 1,993,158; Mar. 5.
- Funk, James M., assignor to Geo. D. Roper Corporation, Rockford, Ill. Gas-filled hot air furnace. 2,013,237; Sept. 3.
- Funk, N. C., et al. (See Funk, Hugo A., assignor.)
- Funk, Robert V. (See Ennis, George H., assignor.)
- Funk, Rufus B., Washington, D. C. Adjustable insulated joint. 1,995,245; Mar. 19.
- Funke, Fred W., Oakland, Calif., dedicated to The Free Use of the Public. Torch. 2,017,454; Oct. 15.
- Funston, Frederick D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorber. 1,992,525; Feb. 26.
- Funston, Frederick D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorber. 1,992,526; Feb. 26.
- Funston, Frederick D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 2,025,199; Dec. 24.
- Fuoss, William. (See Price, David H., assignor.)
- Fuqua, Bert T., Amarillo, Tex. Face lifter and massager. 2,022,850; Dec. 3.
- Furay, Carl N., Dayton, Ohio, assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,010,183; Aug. 6.
- Furbush, Frank L., assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass. Preparing, feeding, and dusting apparatus. 1,990,120; Feb. 5.
- Furbush, Frank L., assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass. Drier. 1,995,675; Mar. 26.
- Furgason, Allen P., et al. (See Cave, Daniel B., assignor.)
- Furgason, Claude E., assignor to Reo Motor Car Company, Lansing, Mich. Hydraulic clutch release. 2,002,315; May 21.
- Furgason, Claude E., Detroit, assignor to Reo Motor Car Company, Lansing, Mich. Engine starter control. 2,013,238; Sept. 3.
- Furlong, Francis A., assignor to Autogas Corporation, Chicago, Ill. Heating system. 1,991,609; Feb. 19.

- Furlong, Francis A., assignor to Autogas Corporation, Chicago, Ill. Safety device. 2,012,162; Aug. 20.
- Furlong, Francis A., River Forest, assignor to Autogas Corporation, Chicago, Ill. Heating system. 2,022,033; Nov. 26.
- Furlong, Roland A., assignor to The Yawman & Erbe Manufacturing Company, Rochester, N. Y. Visible index card holder. 2,015,519; Sept. 24.
- Furman, Abraham P., Bronx, N. Y., assignor to I. Furman, Charlotte, N. C. Coating composition. 1,992,202; Feb. 26.
- Furman, Frank J., Grant City, Staten Island, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,019,901; Nov. 5.
- Furman, Ira. (See Furman, Abraham P., assignor.)
- Furnas, Coy W., Wilmington, Calif. Pan handling device. 2,023,521; Dec. 10.
- Furnas, Isaiah G., Chicago, Ill. Apparatus for defrosting refrigerating coils. 1,998,575; Apr. 23.
- Furness, William H., Riverton, assignor to American Rayon Company, Inc., Riverton, N. J. Power transmission. 2,004,572; June 11.
- Furness, William H., assignor to American Rayon Company, Inc., Riverton, N. J. Mechanical movement. 2,017,656; Oct. 15.
- Furness, William H., Riverton, assignor to American Rayon Co. Inc., Riverton, N. J. Drill. 2,019,669; Nov. 5.
- Fürer, Carl, assignor to Landis & Gyr, A.-G., Zug, Switzerland. Supporting and positioning device for chairs and the like. 1,988,037; Jan. 15.
- Fürer, Carl, assignor to Landis & Gyr, A. G., Zug, Switzerland. Ticket dispensing means. 1,994,272; Mar. 12.
- Fürer, Carl, assignor to Landis & Gyr, A.-G., Zug, Switzerland. Ticket dispensing means. 2,001,903; May 21.
- Furrer, Samuel S., assignor to Brenneis Manufacturing Company Inc., Oxnard, Calif. Disk harrow with right and left turning mechanism. 2,005,225; June 18.
- Furst, Isidor J., assignor to Circle Flexible Conduit Company, Inc., Brooklyn, N. Y. Wire-handling machine. 2,019,128; Oct. 29.
- Fürth, Victor, assignor to Felten & Guillaume Carlswerk Eisen- und Stahl Actiengesellschaft, Cologne-Mulheim, Germany. Wire cable. 2,010,184; Aug. 6.
- Furney, Henry, St. Paul, Minn. Waterglass valve. 2,015,398; Sept. 24.
- Fuse, Christian J. (See Gibson, C. H., Downs, and Fuse.)
- "Fusion-Moteurs". (See Bernard, Auguste L. B., assignor.)
- Fusold Electric Co. (See Grady, Stephen S., assignor.)
- Fuss, Frederick J., Detroit, Mich. Tractor wheel. 2,007,853; July 9.
- Fuss, Frederick J., New Boston, Mich. Bean threshing machine. 2,012,041; Aug. 20.
- Fussenecker, Adolph J., Louisville, Ky. Garment hanger. 2,005,290; June 18.
- Fusske, William, trustee, et al. (See Herstein, Abe, assignor.)
- Fussner, Chester E., Cleveland, Ohio. Display receptacle. 2,017,962; Oct. 22.
- Fustier, Pierre, Lyon, assignor of one-half to Société Anonyme J. Bocuze & Cie, Lyon (Rhône), France. Copper wire treatment for enameling. 2,023,998; Dec. 10.
- Fuwa, Kitsuzo and F. Suzuki, Tokyo, Japan, assignors to General Electric Company. Brown glass batch. 2,014,230; Sept. 10.
- Fuykers, Theodor, Dusseldorf, Germany. Apparatus and method for drying printed webs. 2,022,593; Nov. 26.
- Fyfe, Leonard T., Slingerlands, N. Y. Apparatus for repairing string insulators. 1,997,109; Apr. 9.
- Fyler, George W., Schenectady, N. Y., assignor to General Electric Company. Modulation indicating device. 1,999,872; Apr. 30.
- Fyler, George W., Schenectady, N. Y., assignor to General Electric Company. Ringing circuit for radio-transmitters. 2,023,222; Dec. 3.
- Fyr-Fyter Company, The. (See Thacker, E. M., Jr., and Munday, assignors.)
- G & G Atlas Systems, Inc. (See Scanlan, Joseph M., assignor.)
- G. M. Co. Mfg. Company. (See Crockford, Joseph R., assignor.)
- G. M. Co. Manufacturing Co. Inc. (See Iskyan, George S., assignor.)
- G & O Manufacturing Company, The. (See Oppe, C., and Currello, assignors.)
- G & W Electric Specialty Co. (See Edmonds, George P., assignor.)
- G & W Electric Specialty Co. (See Ruger, Durl P., assignor.)
- G & W Electric Specialty Co. (See Sward, Cecil W., assignor.)
- G & W Electric Specialty Co. (See Williams, Pearson F., assignor.)
- G. Z. M. Patentverwertungs Aktiengesellschaft. (See Chiger, Siegmund, assignor.)
- Gaarder, Herbert M., assignor to Wilson & Co. Inc., Chicago, Ill. Producing insulating material. 1,996,043; Mar. 26.
- Gabbert, Ferdinand A. (See McClintock, O. B., and Gabbert.)
- Gabel, John, Mfg. Co., The. (See Brandstrom, Folke A., assignor.)
- Gabel, John, Manufacturing Company, The. (See Mueller, Emil C., assignor.)
- Gable, C. P., et al. (See Butterworth, Samuel D., assignor.)
- Gabler, Joseph. (See Dillier, A., and Gabler.)
- Gábor, Francis. (See Klein P., and Gábor.)
- Gabor, Louis, New York, N. Y. Cover retaining means. 2,016,324; Oct. 8.
- Gabriel, Charles S. M. (See Armanni, Luigi, assignor.)
- Gabriel, Harry J., and A. F. Chouinard, Chicago, Ill. Revenue stamp securing device. 1,994,991; Mar. 19.
- Gabriel, Leonard G. (See Terrey, A. G., Gabriel, and Blott.)
- Gabriel Pneumatic Vulcanizer Incorporated. (See Batterman, John J., assignor.)
- Gabrielson, Arthur A., Minneapolis, Minn. Garden hose holder. 1,992,203; Feb. 26.
- Gabrielson, Carl, assignor to L C Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,010,223; Aug. 6.
- Gach, Erich, Chicago, Ill., assignor to Bird & Son, Inc., East Walpole, Mass. Roofing device. 2,008,952; July 23.
- Gachet, Ernest J., assignor to Siemens Brothers & Company Limited, London, England. Electromagnetic relay. 1,992,610; Feb. 26.
- Gade, Samuel, Cossackie, N. Y. Apparatus for manufacturing cores for valve bodies. 1,990,179; Feb. 5.
- Gadget's Inc. (See Mallory, Bonnie L., assignor.)
- Gaede, John E., assignor of thirty per cent to W. S. Goertzen, Newton, Kans. Float for a fishing line. 2,022,193; Nov. 26.
- Gaede, Samuel A., Los Angeles, Calif. Convertible breast and bench drill. 2,015,790; Oct. 1.
- Gaede, Wolfgang, Karlsruhe, Germany. High vacuum pump. 1,997,725; Apr. 16.
- Gaenssle, Paul W. (See Baker, P. E., and Gaenssle.)
- Gaertner, Edward C. (See Pursell, W., and Gaertner.)
- Gaffers, Herman B., Watervliet, N. Y. Brace for ladders. 2,007,713; July 9.
- Gaffner, Walter B., assignor of one-half to B. E. Clarkson, Cleveland, Ohio. Speed reducer. 2,019,343; Oct. 29.
- Gage, Alan E. (See Robinson, Victor H., assignor.)
- Gage, Benjamin E., assignor to Kellogg Huntington, Evanston, Ill. Golf playing field. 2,003,074; May 28.
- Gage, Edward G., Brooklyn, N. Y., assignor of one-half to L. Q. Slocumb, Ferguson, Mo., and one-half to Radio Corporation of America. Radio apparatus. 1,986,890; Jan. 8.
- Gage, Frederick W., Milwaukee, Wis., assignor to Swift and Company, Chicago, Ill. Testing meat. 1,991,315; Feb. 12.
- Gage, Frederick W., Milwaukee, Wis., assignor to Swift and Company, Chicago, Ill. Meat inspection device. 1,991,316; Feb. 12.
- Gage, George J., assignor of one-half to G. M. Ballentine, Seattle, Wash. Processing motion picture films. 2,011,576; Aug. 20.
- Gage, Henry P., assignor to Corning Glass Works, Corning, N. Y. Reflecting optical system. 2,009,769; July 30.
- Gage, Robert E. (See Bailly, R. W., and Gage.)
- Gagen, Thomas H., assignor to The Hinde and Dauch Paper Company, Sandusky, Ohio. Box. 2,005,991; June 25.
- Gagné, Augustin. (See Lawson, R. H., and Gagné.)
- Gagne, Gideon R., assignor to Snap-on Tools, Inc., Kenosha, Wis. Ratchet wrench. 2,020,883; Nov. 12.
- Gagne, Gideon R., assignor to Snap-on Tools, Inc., Kenosha, Wis. Stud remover. 2,024,852; Dec. 17.
- Gagnier Fibre Products Company, The. (See Hayes, William F., assignor.)
- Gagnier, George E. (See Place, Blon C., assignor.)
- Gagnier, George E., Detroit, Mich. Grip for handles. 2,002,535; May 28.
- Gagnon, Louis L., and R. D. Wheeler, assignors to American Optical Company, Southbridge, Mass. Lens surfacing machine. 1,995,676; Mar. 26.
- Gaidies, Georg. (See Ewest, H., and Gaidies.)
- Gaidies, Georg. (See Pirani, M., Ewest, and Gaidies.)
- Gaidies, Georg, Berlin-Pankow, Germany, assignor to General Electric Company. Gaseous electric discharge device. 1,990,180; Feb. 5.
- Gaidies, Georg, Berlin-Pankow, Germany, assignor to General Electric Company. Gaseous electric discharge device. 2,001,490; May 14.
- Gaidies, Georg, Berlin-Pankow, Germany, assignor to General Electric Company. Gaseous electric discharge device. 2,020,726; Nov. 12.
- Gaidies, Georg, Berlin-Pankow, and R. Rompe, Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,009,227; July 23.
- Gaidies, Georg, Berlin-Pankow, and M. Reger, Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,020,727; Nov. 12.
- Gail, George W., Ruxton, Md. Sealing strip. 1,991,776; Feb. 19.
- Gail, George W., Ruxton, Md. Bed. 1,995,205; Mar. 19.
- Gallus, George, Stillwater, Minn. Vegetable harvester. 2,007,161; July 9.
- Gaines, Edmund P., Columbia, S. C. Airplane. 2,024,853; Dec. 17.
- Gaines, Frank E., Indianapolis, Ind. Shoe splke. 2,011,275; Aug. 13.
- Gaines, Newton. (See Chambers, L. A., and Gaines.)
- Gair, Robert, Company. (See Daley, Walter F., assignor.)

- Gair, Robert, Company. (See Rossi, Harry, assignor.)
 Gair, Robert, Company. (See Weiss, Arthur J., assignor.)
 Gair, Robert, Company. (See Woerner, Henry, Jr., assignor.)
- Gaisman, Henry J., Hartsdale, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Protected blade. 1,987,187; Jan. 8.
- Galamb, Joseph, Detroit, assignor to Ford Motor Company, Fordson, Mich. Automobile hood pad construction. 1,998,614; Apr. 23.
- Galanot, Camille P., assignor to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Hoist body for vehicles. 1,994,084; Mar. 12.
- Galanot, Camille P., assignor to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Dump body for vehicles. 1,995,387; Mar. 26.
- Galante, Antonio, Medford, Mass. Dispensing cabinet. 2,003,044; May 28.
- Galante, Ermanno, Woburn, Mass. Metal connection for frame members. 2,003,531; June 4.
- Gale, Ernest L., Yonkers, N. Y. Elevator. 2,008,823; July 23.
- Gale, Ernst L., Yonkers, N. Y., assignor, by mesne assignments, to The Gurney Elevator Company, Honesdale, Pa. Elevator control system. 2,009,395; July 30.
- Gale, William A. (See Burke, W. E., Allen, Gale, Ritchie, and Peet.)
- Galehouse, Frederick, Boulder City, Nev., assignor to The Babcock & Wilcox Company, Newark, N. J. Welding method and means. 2,024,445; Dec. 17.
- Galey, Henry J., Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Process and apparatus for making flat glass. 1,999,562; Apr. 30.
- Galey, Henry J., Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Form for bending glass. 2,021,180; Nov. 19.
- Galimberti, Giacomo, and G. Peverelli, Milan, Italy. Varnishing fabrics, leather, and the like. 2,019,531; Nov. 5.
- Galindo, Luis, Santiago, Chile. Automobile wheel. 1,988,352; Jan. 15.
- Galion Iron Works & Mfg. Co., The. (See Arndt, Franklin E., assignor.)
- Galion Metallic Vault Co., The. (See Smith, Ralph E., assignor.)
- Galipo, Theophile J., et al. (See Weishampel, Robert C., assignor.)
- Galkin, Nathan B., New York, N. Y. Intermittent driving mechanism. 2,023,679; Dec. 10.
- Gall, Douglas G., Taft, assignor of forty-nine per cent to A. Adams, Fellows, Calif. Oil well pump. 2,026,465; Dec. 31.
- Gall & Lemcke, Inc. (See Obrig, Theodore E., assignor.)
- Gallagher, James F., Chicago, Ill. Playing court. 2,024,158; Dec. 17.
- Gallagher, John P., Jersey City, N. J. Pressed steel card end. 2,004,199; June 11.
- Gallagher, John S., Tulsa, Okla., assignor to The Texas Company, New York, N. Y. Process and apparatus for cracking oils. 2,006,449; July 2.
- Gallagher, William N., Newton, Iowa. Ifoning machine. 1,987,332; Jan. 8.
- Galland-Henning Manufacturing Company. (See Nelson, Karl O., assignor.)
- Gallasch, George B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Diagnostic instrument. 2,004,808; June 11.
- Galley, Ernest V. (See Galley, John A. and E. V.)
- Galley, John A., Edgecliff, New South Wales, and E. V. Galley, Milsons Point, North Sydney, New South Wales, Australia. Pea sheller. 2,004,573; June 11.
- Galligan, James J., and W. J. Robinson, Providence, R. I., assignors to United States Rubber Products Inc., New York, N. Y. Crinkling apparatus. 2,022,851; Dec. 3.
- Galligan, James J., and W. J. Robinson, Providence, R. I., assignors to United States Rubber Products Inc., New York, N. Y. Crinkling or puckering elastic material. 2,022,852; Dec. 3.
- Gallimore, Keith F., assignor to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Spindle feed and drive mechanism for machine tools. 1,987,675; Jan. 15.
- Gallimore, Keith F., assignor to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Gear drive and indicating means therefor. 1,991,349; Feb. 12.
- Gallimore, Keith F., assignor to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Drive for machine tool elements. 2,002,480; May 21.
- Gallina, Joseph, Detroit, Mich. Safety bumper for automobiles. 2,024,636; Dec. 17.
- Gallinant, Milton, Ridgefield Park, N. J., assignor of one-half to A. J. Bergman, Chevy Chase, Md. Antiskid boot or sheath for game balls. 2,011,760; Aug. 20.
- Galliot, Norbert, Vaucresson, France. Device for conveying gaseous streams. 2,017,043; Oct. 15.
- Gallo, John W., Revere, Mass. Velocipede. 2,011,402; Aug. 13.
- Gallop, Sidney H., Cumberless, Ember Lane, Esher, England. Back support. 2,005,972; June 25.
- Galloway, Charles D., Philadelphia, Pa. Separator for storage batteries and making the same. 2,026,030; Dec. 31.
- Galloway, Clarence T. (See Condon, R. S., and Galloway.)
- Galloway Engineering Company Limited. (See Greening, Herald B., assignor.)
- Galloway, Walter E., Wilson, Tex. Motor vehicle signal. 1,991,800; Feb. 19.
- Gallsworthy, Benjamin, Glenham, assignor to The Texas Company, New York, N. Y. Preparation of cutting oils. 1,987,397; Jan. 8.
- Gallsworthy, Benjamin, Glenham, assignor to The Texas Company, New York, N. Y. Chlorination. 2,022,619; Nov. 26.
- Gallup, F. E., et al. (See Hensley, Samuel L., assignor.)
- Gallup, Milton, Lakewood, assignor to The Enamel Products Company, Cleveland, Ohio. Undertaker's table. 2,022,714; Dec. 3.
- Galson, Henry L., assignor to The Philadelphia Drying Machinery Company, Philadelphia, Pa. Machine for treating fabrics. 1,989,977; Feb. 5.
- Galson, Henry L., Philadelphia, Pa., assignor to Baldwin Southwark Corporation. Resilient support. 2,024,728; Dec. 17.
- Galt, Edward, Ardmore, Okla. Identification device. 1,996,288; Apr. 2.
- Galuzzi, Michael. (See Riciputi, R., and Galuzzi.)
- Galvin, Charles E., assignor to International Steel Wool Corp., Springfield, Ohio. Resilient pad. 1,998,807; Apr. 23.
- Galvin, Charles E., assignor to International Steel Wool Corporation, Springfield, Ohio. Pressing pad. 2,016,713; Oct. 8.
- Galvin, Herbert D., Ewell, assignor of one-third to G. R. D. Shaw, Northampton, and one-third to W. L. Watkins, Surrey, England. Cooking and like apparatus. 2,017,399; Oct. 15.
- Galvin Manufacturing Corporation. (See Lear, William P., assignor.)
- Galvin Manufacturing Corporation. (See Mitchell, Donald H., assignor.)
- Galvin Manufacturing Corporation. (See Wood, R. E., and Yoder, assignors.)
- Galvin, Michael J., Chicago, Ill. Motor truck frame. 2,011,241; Aug. 13.
- Galvin, Michael J., Toronto, Ontario, Canada. Miner's drill bit and other tools. 2,022,194; Nov. 26.
- Galvin, Raymond J., Madison, N. J., assignor to Phillips & Van Brunt Co., Inc., New York, N. Y. Display card. 1,999,590; Apr. 30.
- Garnard, Denise, Paris, France. Device for shaping sticks of paint and similar purposes. 2,013,538; Sept. 3.
- Gamewell Company, The. (See Beach, Clarence E., assignor.)
- Gamewell Company, The. (See Beach, C. E., and Weld, assignors.)
- Gamewell Company, The. (See Suren, N. H., and Smith, assignors.)
- Gamewell Company, The. (See Tarbox, John P., assignor.)
- Gamewell Company, The. (See Turner, Harrison L., assignor.)
- Gammeter, John R., Akron, Ohio. Method and apparatus for making dipped rubber articles. 2,021,299; Nov. 19.
- Gammeter, John R., Akron, Ohio, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Apparatus for making rubber thread. 2,001,781; May 2.
- Gammeter, John R., Akron, Ohio, assignor to International Latex Corporation, Rochester, N. Y. Method and apparatus for making dipped rubber articles. 2,015,648; Sept. 24.
- Gammeter, John R., Akron, Ohio, assignor to The B. F. Goodrich Company. Head for dolls. 2,019,129; Oct. 29.
- Gammons, Herman T., Natick, Mass., assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. Locking slider for fasteners. 2,019,219; Oct. 29.
- Gammons, Herman T., Natick, Mass., assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. Slider for fasteners. 2,019,220; Oct. 29.
- Gams, Alphonse, and W. Fisch, Basel, assignors to firm Society of Chemical Industry in Basle, Basel, Switzerland. Production of covering layers from carbamide-aldehyde condensation products. 1,998,539; Apr. 23.
- Gams, Alphonse, and K. Frey, Basel, Switzerland, assignors, by mesne assignments, to the firm of Ciba Products Corporation, Dover, Del. Soluble fusible resins and making same. 1,999,093; Apr. 23.
- Gams, Alphonse and K. Frey, Basel, Switzerland, assignors, by mesne assignments, to Ciba Products Corporation, Dover, Del. Synthetic resins and making same. 2,002,601; May 28.
- Gams, Alphonse, and W. Merkl, Basel, Switzerland, assignors, by mesne assignments, to Ciba Products Corporation, Dover, Del. Manufacture of thiourea. 2,006,762; July 2.
- Gams, Alphonse, G. Widmer and K. Frey, Basel, Switzerland, assignors, by mesne assignments, to Ciba Products Corporation, Dover, Del. Artificial resin and making same. 2,009,173; July 23.
- Gana, Bartholomew J. D., London, assignor to Ilford Limited, Ilford, England. Charger or loader for cinematograph cameras. 2,011,624; Aug. 20.
- Gangloff, Wilmer C. (See Adams, E. M., Gangloff and Spencer.)
- Gann, John A., and W. H. Gross, assignors to The Dow Chemical Company, Midland, Mich. Treating magnesium. 1,992,204; Feb. 26.
- Gann, John A., and W. H. Gross, assignors to The Dow Chemical Company, Midland, Mich. Treating magnesium articles. 1,992,205; Feb. 26.

- Gannett, Chauncey W., assignor to The Wellington Machine Company, Wellington, Ohio. Wheel. 2,007,444; July 9.
- Gannett, Danforth K., Jackson Heights, N. Y., assignor to American Telephone and Telegraph Company. Ocean cable system. 2,020,308; Nov. 12.
- Gano, Merritt W., Jr., Denver, Colo. Vacuum door closer for automobiles and the like. 1,991,611; Feb. 19.
- Ganoe, John E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Tubular extruded shape. 2,023,047; Dec. 3.
- Gans, Henry B., Jr., Uniontown, and A. B. Holton, Pittsburgh, Pa. Production of diethyl ethers and derivative alcohols thereof. 2,013,752; Sept. 10.
- Gans, John, Grymes Hill, Staten Island, assignor to Columbia Appliance Corporation, New York, N. Y. Filter. 1,986,570; Jan. 1.
- Ganteski, Joseph J., Philadelphia, Pa. Extension step-ladder. 1,999,017; Apr. 23.
- Gantt, James T., Macon, Ga. Plow. 2,021,547; Nov. 19.
- Gantt, Joseph A., Washington, D. C. Toilet cabinet. 1,996,414; Apr. 2.
- Gantvoort, John M., Sewickley, Pa. Humidifier. 2,016,003; Oct. 1.
- Gantz, Jack L., Los Angeles, Calif. Fluid pressure dispensing machine. 2,002,175; May 21.
- Gantzckow, Hans. (See Fischer, E., and Gantzckow.)
- Ganz, Albert G., Hoboken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inductance device. 2,008,859; July 23.
- Ganz, Albert G., Hoboken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Balanced inductance device. 2,026,308; Dec. 31.
- Ganz, Joseph, Frankfurt-on-the-Main, Germany. Driving block arrangement for motor vehicles. 1,989,446; Jan. 29.
- Ganz, Joseph, Frankfurt-on-the-Main, Germany. Oscillatable pivotally mounted axle. 2,004,063; June 4.
- Ganz, Joseph P., and J. P. Strobatz, Pittsburgh, Pa. Holder for safety razor blades. 1,998,130; Apr. 16.
- Ganz, Paul H., New York, N. Y. Sachet container. 2,025,657; Dec. 24.
- Garbe, Anton, Ozone Park, N. Y. Brush. 2,019,130; Oct. 29.
- Garbell, Max, assignor to Victor Adding Machine Company, Chicago, Ill. Check writer. 1,998,715; Apr. 23.
- Garbell, Max, assignor to Victor Adding Machine Company, Chicago, Ill. Typewriting machine. 2,005,185; June 18.
- Garbsch, Paul. (See Ebert, G., Fries, and Garbsch.)
- Garbutt, Frank E. (See Ingman, T. M., Garbutt, and Griffith.)
- Gard, Clare D., assignor to The Union Oil Company of California, Los Angeles, Calif. Distillation unit. 1,988,004; Jan. 15.
- Gard, Earle W., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Dewaxing oils. 1,989,355; Jan. 29.
- Gard, Earle W., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Treating oil. 2,002,004; May 21.
- Gard, Earle W., and B. G. Aldridge, Los Angeles, Calif. Oxidized asphalt. 1,999,018; Apr. 23.
- Garden, William B., Kilsyth, Scotland. Blackboard. 1,989,006; Jan. 22.
- Gardener, Harry L. J., Los Angeles, Calif., and L. E. Meyers, New Orleans, La.; said Meyers assignor to said Gardener. Exercising device. 1,997,139; Apr. 9.
- Gardiner, John B. W., New York, and R. L. Mann, assignors to Alan N. Mann, Scarsdale, N. Y., trustee. Pipe coating apparatus. 2,014,378; Sept. 17.
- Gardiner, Lion, assignor to The Jaeger Machine Company, Columbus, Ohio. Road finishing apparatus. 1,987,398; Jan. 8.
- Gardiner, Lion, assignor to The Jaeger Machine Company, Columbus, Ohio. Method and apparatus for building roads. 1,993,656; Mar. 5.
- Gardiner, Lion, assignor to The Jaeger Machine Company, Columbus, Ohio. Apparatus for building roads. 1,993,657; Mar. 5.
- Gardiner, Robert E. (See Russell, J. E., Ellis, and Gardiner.)
- Gardner, Allen F., Detroit, Mich., assignor to Chicago Rawhide Manufacturing Company, Chicago, Ill. Oil seal. 1,988,652; Jan. 22.
- Gardner, Bernard C., Philadelphia, Pa., assignor to Television Laboratories, Ltd., San Francisco, Calif. Cathode ray tube. 2,020,025; Nov. 5.
- Gardner Company. (See Crosman, Loring P., assignor.)
- Gardner, Company. (See Duke, Harvie J., assignor.)
- Gardner, Dan D., East Orange, N. J., and C. F. Loeffler, New York, N. Y. Fueling and controlling furnaces. 1,987,289; Jan. 8.
- Gardner-Denver Company. (See Pearson, Gustav C., assignor.)
- Gardner-Denver Company. (See Sheets, Barton R., assignor.)
- Gardner, Earl W. (See Dengler, F. S., Gardner, and Felder.)
- Gardner, Espa S., North Platte, Nebr. Clothespin. 1,992,863; Feb. 26.
- Gardner, Frederic E., Beloit, Wis. Grinding machine. 2,007,967; July 16.
- Gardner, George D., San Jose, Calif. Slicing machine. 2,021,300; Nov. 19.
- Gardner, Harry F., Snyder, assignor to Certain-teed Products Corporation, New York, N. Y. Hydraulic composition. 1,996,372; Apr. 2.
- Gardner, Henry A. (See Hunter, Richard S., assignor.)
- Gardner, Henry A., Washington, D. C. Modified drying oil and making. 1,986,571; Jan. 1.
- Gardner, Henry A., Washington, D. C. Varnish and resin therefor. 1,992,570; Feb. 26.
- Gardner, Henry A., Washington, D. C. Manufacture of composite articles. 2,017,797; Oct. 15.
- Gardner, Herbert A., U. S. Army, San Francisco, Calif. Broom attachment. 2,005,739; June 25.
- Gardner, Herbert F., Chicago, Ill. Watch or clock dial. 1,999,126; Apr. 23.
- Gardner, Herman B., assignor of forty-nine per cent to Harry J. Lurie, Chicago, Ill. Operating mechanism for motion picture projectors and phonographs. 2,003,075; May 28.
- Gardner, Horton. (See Thomas, Robert A., assignor.)
- Gardner, Joseph H. S., assignor to L. Gardner & Sons Limited, Patricroft, near Manchester, England. Cylinder head of internal combustion oil engines. 2,012,383; Aug. 27.
- Gardner, Josephine M. T., et al., executors. (See Thomas, George C., Jr.)
- Gardner, Kirtland C., Coraopolis, C. F. Buente, and G. G. Beard, Pittsburgh, Pa., assignors to United Engineering & Foundry Company, Pittsburgh, Pa. Sheet metal handling apparatus. 2,011,810; Aug. 20.
- Gardner, Kirtland C., Coraopolis, and F. G. Biggert, Jr., assignors to United Engineering & Foundry Company, Pittsburgh, Pa. Descaling and edging apparatus. 2,012,849; Aug. 27.
- Gardner, L., & Sons Limited. (See Gardner, Joseph H. S., assignor.)
- Gardner, Max W. (See Kraybill, H. R., Brewer, and Gardner.)
- Gardner, Percy, New York, and H. Gerstein, Arverne, assignors to Lever Bias Machine Corporation, Brooklyn, N. Y. Seam opening and wind-up device. 1,988,241; Jan. 15.
- Gardner, Prince A., Jr., St. Louis, Mo. Billfold. 2,007,469; July 9.
- Gardner-Richardson Company, The. (See Harvey, Arthur R., assignor.)
- Gardner-Richardson Company, The. (See Newman, William, assignor.)
- Gardner-Richardson Company, The. (See Swan, Joseph H., 3d, assignor.)
- Gardner, Robert H., Coffeyville, Kans., assignor to Sinclair Refining Company, New York, N. Y. Dewaxing hydrocarbon oils. 1,995,740; Mar. 26.
- Gardner, Robert L., and R. D. Lloyd, Pittsburgh, Pa. Razor blade sharpening device. 2,000,941; May 14.
- Gardner, William E., assignor to Gardner Toy Company, Inc., Watertown, Mass. Making rubber articles. 1,994,763; Mar. 19.
- Gardner, William H., New York, N. Y. Obtaining improved shellac compositions for molding. 1,994,071; Mar. 12.
- Gardner, William H., New York, N. Y., assignor to United States Shellac Importers Association, Inc. Shellac composition containing dicyandiamides. 2,010,224; Aug. 6.
- Gardner, William H., New York, N. Y., assignor to United States Shellac Importers Association, Inc. Shellac sulphonic acid composition. 2,010,225; Aug. 6.
- Gardner, William H., New York, N. Y., assignor to United States Shellac Importers Association, Inc. Composition for molding and protective coatings. 2,010,226; Aug. 6.
- Gardner, William H., New York, N. Y., assignor to United States Shellac Importers Association, Inc. Shellac composition containing a polycarboxylic organic acid or its anhydride. 2,010,227; Aug. 6.
- Gardner, William J., Salem, Oreg. Apparatus for processing cereals. 2,008,860; July 23.
- Gardner Wire Company. (See Dahl, Oscar, assignor.)
- Garay, Charles Q., assignor to The National Acme Company, Cleveland, Ohio. Finger holder. 2,024,159; Dec. 17.
- Garay, John, Montclair, N. J. Device for applying tire chains. 2,022,804; Dec. 3.
- Garay, Raymond M. (See Henwood, A., and Garay.)
- Garfat, George M., Hamilton, Ontario, Canada. Feed roller starter and brake for cylinder printing type presses. 1,997,140; Apr. 9.
- Garfein, Ralph T., Easton, Pa. Dispensing container. 2,019,406; Oct. 29.
- Garfield, Edward L., Scarsdale, N. Y. Air conditioning system and method. 1,987,188; Jan. 8.
- Garfinkle, Morris. (See Abrams, Harry, assignor.)
- Gargiulo, Richard, New York, N. Y. Flapping wing for airplanes, gliders, and the like. 2,014,251; Sept. 10.
- Garl, Linnie, executrix. (See Garl, Manious, assignor.)
- Garl, Manious, deceased, late of Akron, Ohio, by Linnie Garl, executrix, Akron, Ohio, assignor to Linnie Garl. Signal control mechanism. 2,023,680; Dec. 10.
- Garland, Robert H., et al. (See Brown, William Y., assignor.)
- Garling, Karl E., assignor, by mesne assignments, to Soda Straw Manufacturing Corporation, Newark, N. J. Tube making machine. 1,990,481; Feb. 12.
- Garling, Karl E., assignor to Soda Straw Manufacturing Corporation, Newark, N. J. Drinking tube and method of manufacturing same. 1,996,066; Apr. 2.

- Garling, Karl E., assignor to Soda Straw Manufacturing Corporation, Newark, N. J. Tube-making machine. 2,013,303; Sept. 3.
- Garillus, Bernt, assignor to Alexander J. McDonough, Detroit, Mich. Regulator. 2,018,018; Oct. 22.
- Garlock Packing Company, The. (See Waples, Robert M., assignor.)
- Garman, George W., Scotia, N. Y., assignor to General Electric Company. Electric discharge device system. 2,001,530; May 14.
- Garman, George W., Scotia, N. Y., assignor to General Electric Company. Regulating system. 2,002,371; May 21.
- Garman, George W. (See Fitz Gerald, A. S., and Garman.)
- Garnett, A. J., Limited. (See Dunn, William H., assignor.)
- Garnett, Henry J. (See Smith, W. S., Garnett, Channon, and Dean.)
- Garnett, Henry J. (See Smith, W. S., Garnett, Dean, Hagood, and Channon.)
- Garove, Arthur S. (See White, E. J., and Garove.)
- Garrard, Charles C., Sutton Coldfield, and F. J. Keeley, Streetly, Birmingham, assignor to The General Electric Company, Limited, London, England. Electric switch gear. 1,985,984; Jan. 1.
- Garratt, Walter A., Covington, Ky. Variable speed power transmission device. 1,986,572; Jan. 1.
- Garratt, Walter A., Covington, Ky. Overrunning clutch. 1,992,527; Feb. 26.
- Garreau, Louis, Paris, France. Lip stick holder. 2,010,185; Aug. 6.
- Garretson, Harry D., New York, N. Y. Inverse suppressor for X-ray systems. 2,008,496; July 16.
- Garretson, John D., Oakland, Calif. Safety razor. 2,020,499; Nov. 12.
- Garretson, John D., Oakland, Calif. Safety razor. 2,020,500; Nov. 12.
- Garretson, John D., Oakland, Calif., assignor to G. Dalkowitz, Brooklyn, N. Y., and J. D. Garretson, Oakland, Calif. trustees. Safety razor. 2,020,501; Nov. 12.
- Garretson, John D., et al, trustees. (See Garretson, John D., assignor.)
- Garrett, Cecil C., and E. A. Lockwood, assignors to High Point Overall Company, High Point, N. C. Overall garment. 2,016,897; Oct. 8.
- Garrett, Charles H., Dallas, Tex. Electrolytic carburetor. 2,006,676; July 2.
- Garrett, Francis A., assignor to Leyland Motors Limited, Leyland, England. Control gear for electrically driven vehicles. 2,016,087; Oct. 1.
- Garrett, George B. (See Irwin, J. P., and Garrett.)
- Garrett, George K., Bryn Mawr, Pa. Manufacturing lock washers. 1,989,750; Feb. 5.
- Garrett, George K., Bryn Mawr, Pa. Washer. 2,014,231; Sept. 10.
- Garrett, Hugh C., assignor to Fre-Flo Co., Kansas City, Mo. Lubricant heating means. 2,011,811; Aug. 20.
- Garrett, John D., West Hartford, Conn. Connector screw. 1,988,310; Jan. 15.
- Garrett, Joseph E. (See McClure, Emmitt L., assignor.)
- Garrett, Joseph E. (See Strauch, G. A., Richter and Garrett.)
- Garrett, Simms, Charing, Ga. Press. 2,018,126; Oct. 22.
- Garrett, Thomas J., Troup, Tex. Automatic fuel supply for burners. 2,006,134; June 25.
- Garrido, Maria, New York, N. Y. Sugar and the like dispenser. 2,021,004; Nov. 12.
- Garrigues, Frederic L., assignor by mesne assignments, to Connecticut Telephone & Electric Corporation, Meriden, Conn. Hospital corridor light. 2,003,273; May 28.
- Garrigue, William, & Company. (See Sieck, William, Jr., assignor.)
- Garrison, Allen D. (See Vietti, W. V., and Garrison.)
- Garrison Fire Detecting System, Inc. (See Lindsey, William D., assignor.)
- Garrison, Forrest C., Glencoe, Ill. Liquid dispensing container. 2,021,411; Nov. 19.
- Garrison, James N. (See Stone, F. W., and Garrison.)
- Garrison, Jamie L. (See McNeelan, F. T., and Garrison.)
- Garson, Thomas N., Staten Island, N. Y. Shoe tree with adjustable shoe-ramp modifying attachment. 2,010,146; Aug. 6.
- Garson, Thorvald N. (See Brown, Donald, assignor.)
- Garstang, William W., assignor to Electronic Laboratories, Incorporated, Indianapolis, Ind. Vibrator and operating circuit therefor. 2,020,681; Nov. 12.
- Garthe, Fritz, Frankfurt-on-the-Main-Griesheim, Germany. Mixing apparatus. 1,989,668; Feb. 5.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,001,716; May 21.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Lubricating device. 2,001,717; May 21.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drilling motor. 2,001,718; May 21.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Lubricator. 2,026,309; Dec. 31.
- Gartner, Henry S., Brooklyn, N. Y. Foot exerciser. 2,006,350; July 2.
- Garver, Ray H., Hiram, Ohio. Centrifugal cream tester. 1,991,925; Feb. 19.
- Garverick, Ralph A. (See Ehrick, W. F., and Garverick.)
- Garvey, Hugh J. (See Bertschinger, Charles F., assignor.)
- Garvey, James D., Chicago, Ill. Pneumatic life belt. 2,001,384; May 14.
- Garwood, Charles B. (See Hilgenberg, C. G., and Garwood.)
- Garwood, Charles B., Linthicum Heights, assignor to Carr-Lowrey Glass Co., Baltimore, Md. Grinding and polishing machine. 2,003,504; June 4.
- Garwood, Charles B., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Making multiple bottles. 2,013,382; Sept. 3.
- Gary, Edwin B., and E. A. Ebert, Buffalo. Combination windshield wiper and heater. 2,005,581; June 18.
- Gary, Wright W., assignor to C. O. Middleton, Beverly Hills, Calif. Treating petroleum. 1,994,511; Mar. 19.
- Garzia, Joseph, Philadelphia, Pa. Spaghetti and macaroni machine. 1,999,926; Apr. 30.
- Gasche, Karl W., Stow, assignor to Firestone Battery Company, Akron, Ohio. Storage battery. 2,024,988; Dec. 17.
- Gasdorf, Frank N., Cincinnati, Ohio. Valve stem cap lock. 1,998,050; Apr. 16.
- Gaskell & Chambers, Limited. (See Weightman, John S., assignor.)
- Gaskin, Charles E., Aberdeen, Miss. Light. 2,024,281; Dec. 17.
- Gaskool Corporation. (See Grindle, Aubrey J., assignor.)
- Gas Light & Coke Company, The. (See Griffith, Roland H., assignor.)
- Gas Light & Coke Company, The. (See Griffith, R. H., Bruce, and Hill, assignors.)
- Gasmoild Sign Corporation. (See Piper, William B., assignor.)
- Gasoline Antioxidant Company. (See Fischer, H. G. M., and Gustafson, assignors.)
- Gasoline Antioxidant Company. (See Rogers, T. H., and Wilson, assignors.)
- Gasoline Antioxidant Company. (See Wilson, Robert E., assignor.)
- Gasoline Energy Distributors Limited. (See Fee, Thomas A., Jr., assignor.)
- Gasoline Products Company. (See Atwell, Harold V., assignor.)
- Gasoline Products Company. (See Black, John C., assignor.)
- Gasoline Products Company. (See Cross, Walter M., assignor.)
- Gasoline Products Company. (See Dimmig, Howard, assignor.)
- Gasoline Products Company. (See Hargrove, G. C., and Montgomery, assignors.)
- Gasoline Products Company. (See Keith, Percival C., Jr., assignor.)
- Gasoline Products Company. (See Sullivan, Pike H., assignor.)
- Gaspar, Béla, Berlin, Germany. Copying from lenticular screen films on to colored material. 1,986,054; Jan. 1.
- Gaspar, Béla, Berlin, Germany. Producing photographs in two or more colors. 1,988,891; Jan. 22.
- Gaspar, Béla, Berlin, Germany. Producing photographic dyestuff images. 2,004,625; June 11.
- Gaspar, Béla, Berlin-Schöneberg, Germany. Production of a colored sound film. 2,025,658; Dec. 24.
- Gaspar, Béla, Brussels, Belgium. Producing photographic pictures in colors. 2,020,775; Nov. 12.
- Gassen, Josef, Dusseldorf-Oberkassel, assignor to Schloemann Aktiengesellschaft Dusseldorf, Germany. Manufacture of wire. 2,020,940; Nov. 12.
- Gassen, Josef, Dusseldorf-Oberkassel, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany. Feeding mechanism for pilgering mills. 2,021,686; Nov. 19.
- Gassen, Josef, Dusseldorf-Oberkassel, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany. Manipulator for rolled stock. 2,023,880; Dec. 10.
- Gasswint, Charles W., Mason City, Iowa. Awning fastening device. 2,004,862; June 11.
- Gast, Albert K., St. Joseph, Mich. Machine for trimming wall paper. 1,995,026; Mar. 19.
- Gast, Edward C., Jr., Cicero, assignor to Acme Card System Company, Chicago, Ill. Visible record system. 1,993,510; Mar. 5.
- Gast, George F., Jersey City, N. J. Mechanically operated knitting machine. 2,021,301; Nov. 19.
- Gast, Richard. (See Schindhelm, H., and Gast.)
- Gastenchnik, G. m. b. H. (See Sexauer, Walther, assignor.)
- Gaston, A. D., et al. (See Bullum, Stephen, assignor.)
- Gaston, George H., Houston, Tex. Seat or cushion. 2,004,106; June 11.
- Gaston, John R., East Orange, assignor to American Transformer Company, Newark, N. J. Closure means for a transformer casing. 1,988,589; Jan. 22.
- Gas Tool Patents Corporation. (See Mould, James A., assignor.)
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Loop regulating mechanism for knitting machines. 1,990,988; Feb. 12.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Knitting machine and the production of nonrun fabric. 1,998,364; Apr. 16.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Stocking. 2,001,676; May 14.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Ornamental toe reinforcement for stockings. 2,002,888; May 28.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Mechanism for narrowing flat knit full fashioned hosiery. 2,005,461; June 18.

- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Mounting means for needles and the like. 2,005,674; June 18.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Knockover bit structure for straight knitting machines. 2,007,798; July 9.
- Gastrich, Gustav, Wyomissing, Pa., assignor to Textile Machine Works, Wyomissing, Pa. Needle comparing device. 2,009,968; July 30.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Loop forming mechanism for straight knitting machines. 2,013,883; Sept. 10.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Safety stop mechanism for knitting machines. 2,015,106; Sept. 24.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Point structure for straight knitting machines. 2,016,742; Oct. 8.
- Gastrich, Gustav, Wyomissing, assignor to Textile Machine Works, Wyomissing, Pa. Knitted lace fabric and articles. 2,021,598; Nov. 19.
- Gastrich, Gustav, Wyomissing, assignor to Textile Machine Works, Wyomissing, Pa. Yarn control and contact means. 2,025,383; Dec. 24.
- Gastrow, Hans, Zerst in Anhalt, assignor to Franz Braun Aktiengesellschaft, Zerst, Germany. Electric drive for die casting machines for plastic masses. 1,992,696; Feb. 26.
- Gatchel, Walter E., assignor to Vulcan Iron Works, Wilkes-Barre, Pa. Duplex locomotive. 2,024,969; Dec. 17.
- Gates, Benjamin L., assignor of one-half to H. L. Beamish, Spokane, Wash. Heating system for railway cars. 1,998,808; Apr. 23.
- Gates, Benjamin L., Chicago, assignor of one-half to H. G. Saal, McHenry, Ill. Automatically changing phonograph records. 2,017,898; Oct. 22.
- Gates, Edwin B., assignor to The Atlas Mineral Products Company, Mertztown, Pa. Masonry structure with joints. 2,015,470; Sept. 24.
- Gates, George W. (See Martel, Adelard F., assignor.)
- Gates, John C. (See Johnstone, H. G., and Gates.)
- Gates, John C., Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Perforating apparatus. 2,021,302; Nov. 19.
- Gates, Leroy G., Bakersfield, Calif. Brake operating mechanism. 1,989,092; Jan. 29.
- Gates, Paul G., Long Beach, Calif. Bailer. 2,000,750; May 7.
- Gates, Robert M., Scarsdale, assignor to The Superheater Company, New York, N. Y. Heat transfer element. 1,996,105; Apr. 2.
- Gates Rubber Company, The. (See Flint, Harry M., assignor.)
- Gates Rubber Company, The. (See Weber, Eugene H., assignor.)
- Gates Rubber Company, The. (See Yelm, Charles W., assignor.)
- Gatwood, Crutchfield, Louisville, Ky. Filter. 2,017,277; Oct. 15.
- Gathercoal, James J., Chicago, Ill. Finish molding. 2,007,244; July 9.
- Gathmann, Emil, Baltimore, Md. Metallic ingot mold and ingot. 2,023,833; Dec. 10.
- Githmann, Otto E., Syracuse, assignor to L. C. Smith & Corson, Typewriters, Inc., New York, N. Y. Type-writing machine. 2,008,014; July 16.
- Gatke, Thomas L., Oak Park, Ill. Brake block. 2,016,280; Oct. 8.
- Gatta, Filiberto, Turin, Italy. Wheel cover. 2,020,885; Nov. 12.
- Gatti, Ernst, Zurich, Switzerland. Device for attracting and exterminating vermin. 2,012,384; Aug. 27.
- Gattoni, John, Union City, assignor to Seeder-Kohlbusch, Inc., Jersey City, N. J. Precision balance. 1,993,698; Mar. 5.
- Gattoni, John, Union City, assignor to Seeder-Kohlbusch, Inc., Jersey City, N. J. Precision balance. 1,997,636; Apr. 16.
- Gaty, John P., Woodside, N. Y., assignor to Fairchild Aerial Camera Corporation. Aircraft machine-gun camera. 1,986,261; Jan. 1.
- Gaty, John P., Woodside, N. Y., assignor to Fairchild Aerial Camera Corporation. Machine gun camera. 2,005,366; June 18.
- Gaty, John P., Woodside, N. Y., assignor to Fairchild Aerial Camera Corporation. Aircraft machine gun camera. 2,011,358; Aug. 13.
- Gaty, John P., assignor to Fairchild Aerial Camera Corporation, Woodside, N. Y. Lens mount for cameras. 2,011,359; Aug. 13.
- Gaty, John P., assignor to Fairchild Aerial Camera Corporation, Woodside, N. Y. Landing light for airplanes. 2,017,692; Oct. 15.
- Gaubert, John Q., Dayton, Ohio, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio control panel. 1,996,993; Apr. 9.
- Gaubert, John Q., Dayton, Ohio, assignor to General Motors Radio Corporation, New York, N. Y. Radio control. 2,015,425; Sept. 24.
- Gaubert, John Q., and J. D. Seabert, Dayton, Ohio, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Acoustic device. 1,991,738; Feb. 19.
- Gaubert, Rene J. (See Laverne, P. A., and Gaubert.)
- Gaudenzi, Arthur, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Rectifier control system. 1,999,755; Apr. 30.
- Gaudenzi, Arthur, S. Widmer, and J. Jones, assignors to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric current rectifying device. 1,990,989; Feb. 12.
- Gaudry, Louis A., Greenfield, Mass. Protective device for elevators and elevator shaftways. 2,003,588; June 4.
- Gauger, Frank A. (See Meyer, K. A., and Gauger.)
- Gauger, Frank A., Milwaukee, Wis. Automatic gas appliance. 1,995,846; Mar. 26.
- Gauger, Frank A., Milwaukee, Wis. Fluid heater. 2,007,714; July 9.
- Gauger, Frank A., Milwaukee, Wis. Valve. 2,013,439; Sept. 3.
- Gauger, Frank A., Milwaukee, Wis., assignor to Milwaukee Gas Specialty Company. Time controlled valve. 1,993,926; Mar. 12.
- Gauger, Frank A., Milwaukee, Wis., assignor to Milwaukee Gas Specialty Company. Safety pilot light. 2,012,503; Aug. 27.
- Gaugler, Richard S., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,016,368; Oct. 8.
- Gaul, Emil O., assignor to Grand Haven Stamped products Company, Grand Haven, Mich. Universal punch press guard. 2,011,047; Aug. 13.
- Gaud, Harry A., St. Paul, Minn. Sanding apparatus. 2,012,163; Aug. 20.
- Gaulke, Charles. (See Blume, J. W., and Gaulke.)
- Gaunt, Charles F., Birmingham, England. Pocket knife. 1,994,215; Mar. 12.
- Gaus, George E. (See Bennett, C. A., and Gaus.)
- Gaus, George E., Washington, D. C., dedicated to the free use of the Government and the People. Apparatus for affixing identification tags. 1,994,947; Mar. 19.
- Gaus, George E., Washington, D. C. Dedicated to the free use of the Government and the People. Apparatus for affixing identification tags. 1,996,328; Apr. 2.
- Gaus, George E., Washington, D. C. Dedicated to the free use of the Public. Staff holder. 1,996,329; Apr. 2.
- Gaus, George E., Washington, D. C. Dedicated to the free use of the Public. Staff holder. 2,004,786; June 11.
- Gaus, Paul F., Chicago, Ill. Target apparatus. 1,991,610; Feb. 19.
- Gauthier, Alfred, Calmbach-Enz, and K. Bührle, Hohen-Enz, Germany. Lens shutter with combined exposure meter, view finder and distance meter. 2,001,840; May 21.
- Gauthier, Edouard, Timmins, Ontario, Canada. Door operating apparatus. 2,003,484; June 4.
- Gauthreaux, T. H. (See Morrow, Emmet H., and J. C., assignors.)
- Gautsche, August J., St. Louis, Mo. Printing ink. 2,018,060; Oct. 22.
- Gautzsch, Rudolph, Meerane, Saxony, Germany. Boiler flue. 1,988,968; Jan. 22.
- Gavin, Beauford E., Indianapolis, Ind., assignor, by mesne assignments, to S. R. Dresser Manufacturing Company, Bradford, Pa. Pipe clamp. 1,993,927; Mar. 12.
- Gavriluk, Alexy, Lawrence, Mass. Shuttle eye block. 1,987,820; Jan. 15.
- Gaw-O'Mara Envelope Company. (See Hopkins, Alfred J., assignor.)
- Gay, Azel, Rochester, assignor to Multipost Co., Rochester, N. Y. Prepayment postage machine. 2,009,490; July 30.
- Gay, Frazer W., Newark, N. J., assignor to General Cable Corporation, New York, N. Y. Electric cable installation. 2,016,004; Oct. 1.
- Gay, Norman H., Los Angeles, Calif. Evaporator system for refrigeration. 1,994,037; Mar. 12.
- Gaylor, Robert, Incorporated. (See Whalley, George E., assignor.)
- Gaylord Bros. Inc. (See Moulton, Lloyd W., assignor.)
- Gaylord, Robert H., Los Angeles, Calif. Elevator signaling system. 2,000,942; May 14.
- Gaylord, Robert, Incorporated. (See Fallert, Clifford D., assignor.)
- Gaylord, Robert, Incorporated. (See George, Walter C., assignor.)
- Gaylord, Robert, Incorporated. (See Williams, Ben M., assignor.)
- Gayner, John M., assignor to Gayner Glass Works, Salem, N. J. Jug or similar container. Des. 95,034; Apr. 2.
- Gaynor, Arthur C., Stratford, Conn. Electric switch. 2,011,311; Aug. 13.
- Gaynor, Arthur C., Stratford, Conn. Attachment plug receptacle. 2,013,142; Sept. 3.
- Gaynor, Arthur C., Stratford, Conn., assignor to Pass & Seymour, Inc. Electric switch. 2,008,068; July 16.
- Gaynor, John J., Delphi, Ind., assignor of one-half to A. I. Risser, Chicago, Ill. Capping machine. 2,006,450; July 2.
- Gazalski, John and J. Buchanan, Henryetta, Okla. Goose decoy. 2,011,480; Aug. 13.
- Gazette, Marshall E., assignor to Boothby Fibre Can Company, Boston, Mass. Container made of paper. 1,997,188; Apr. 9.
- Geach, Fred J., Martinez, Calif. Collapsible tube closure. 1,990,863; Feb. 12.
- Gear Grinding Company, The. (See Snarry, John W., assignor.)

- Gear Grinding Company Limited, The. (See Orcutt, Arthur H., assignor.)
- Gear Grinding Machine Company, The. (See Ward, Frederick A., assignor.)
- Geare, Randolph E. S., Philadelphia, assignor to L. H. Gilmer Co., Tacony, Philadelphia, Pa.. Transmission belt. 2,008,353; July 16.
- Gearhart, Roy E., assignor of one-half to E. A. Holt, Maryville, Mo. Illuminated sign. 2,020,603; Nov. 12.
- Gearing, Milton J., and W. F. Downing, Jr., St. Clair, Mich., assignors to General Foods Corporation, New York, N. Y. Apparatus for the manufacture of salt. 1,986,334; Jan. 1.
- Gearing, Raymond D., Mobile, Ala. Interchangeable panel sign. 2,012,385; Aug. 27.
- Geary, Francis E., et al. (See Quisenberry, Frank R., assignor.)
- Gebelein, Ernest G., South Dartmouth, assignor to Eureka Manufacturing Company, Incorporated, Taunton, Mass. Shoe bag. 1,997,637; Apr. 16.
- Gebert, Albert E. (See Richardson, M. H., and Gebert)
- Gebert, Albert E., Wilmette, and M. H. Richardson, assignors to Advance Machine Company, Chicago, Ill. Vending machine. 2,006,390; July 2.
- Gebert, Albert E., Wilmette, and M. H. Richardson, Chicago, assignors to Advance Machine Company, Chicago, Ill. Vending machine. 2,010,542; Aug. 6.
- Gebert, Walter W. R. (See Peters, W. F., and Gebert.)
- Gebhard, Carl, Los Angeles, Calif. Animal trap. 1,995,344; Mar. 26.
- Gebhard, Louis A., Washington, D. C. High frequency signaling apparatus. 1,986,804; Jan. 8.
- Gebhard, Louis A., Washington, D. C. Multiple reception system. 1,987,616; Jan. 15.
- Gebhard, Louis A., Washington, D. C. Demountable screen grid tube. 1,990,482; Feb. 12.
- Gebhard, Louis A., Washington, D. C. Demountable electron tube. 1,993,724; Mar. 5.
- Gebhard, Louis A., Washington, D. C. High frequency transmission apparatus. 1,995,301; Mar. 26.
- Gebhard, Louis A., Washington, D. C. Control system for high frequency apparatus. 1,997,579; Apr. 16.
- Gebhard, Louis A., Washington, D. C. High power demountable tube. 2,009,444; July 30.
- Gebhard, Louis A., Washington, D. C., assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Control circuit for radio transmitters. 1,986,722; Jan. 1.
- Gebhard, Louis A., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Thermostatically controlled cabinet. 1,991,276; Feb. 12.
- Gebhard, Louis A., and Corrie F. Rudolph et al, Washington, D. C. Radio transmission apparatus. 1,986,805; Jan. 8.
- Gebhard, Louis A., and L. A. Van Loock, Washington, D. C. Temperature control system. 2,006,351; July 2.
- Gebhard, Louis A., and C. F. Rudolph, Washington, D. C., assignors to Wired Radio, Inc., New York, N. Y. Electrical condenser. 2,014,930; Sept. 17.
- Gebhardt, Georg, Kreuznach, Germany. Apparatus for the sterilization and sterile filling of vessels and the like. 2,011,217; Aug. 13.
- Gebhardt, Henry L., Cliff-side Park, N. J. Weeding device. 2,017,436; Oct. 15.
- Gehr, Bohler & Co., Aktiengesellschaft. (See Holzberger, Julius, assignor.)
- Gebruder Brehmer. (See Kleinschmit, O., and Geissler, assignors.)
- Gebruder Brehmer. (See Kleinschmit, O., and Klemm, assignors.)
- Gebruder Brehmer. (See Kleinschmit, O., and Müller, assignors.)
- Gebruder Brehmer. (See Kleinschmit, O., Geissler, and Schmidt, assignors.)
- Gebruder Brehmer. (See Müller, Oskar, assignor.)
- Geddes, Charles A., New York, N. Y. Self-carbonating dispensing system. 2,006,313; June 25.
- Geddes, John W., Watertown, assignor to H. K. Porter, Inc., Everett, Mass. Swivel head tool. 2,020,242; Nov. 5.
- Gedney, Walter, assignor of one-half to W. J. Hogarth, Newburgh, N. Y. Power lawn mower and vacuum collecting means. 1,992,820; Feb. 26.
- Gedris, William A., Grand Rapids, Mich. Adjustable seat construction. 1,998,668; Apr. 23.
- Gedstad, Rudolph, Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 2,000,072; May 7.
- Gee, Albert, Elkins Park, Pa. Lace mechanism for flat knitting machines. 2,011,577; Aug. 20.
- Gee, Albert, Elkins Park, assignor, by mesne assignments, to Haines Hosiery Mills, Inc., Nicetown, Philadelphia, Pa. Density control device for knitting machines. 2,024,518; Dec. 17.
- Gee, Albert, Elkins Park, assignor, by mesne assignments, to Haines Hosiery Mills, Inc., Nicetown, Philadelphia, Pa. Automatic racking-out mechanism for knitting machines. 2,024,519; Dec. 17.
- Gee, Leonard F. (See Adams, F. E., and Gee.)
- Gee, Othel J., assignor to L. J. Miller, Oklahoma City, Okla. Combination adjustable splint for fingers, hands, lower arms, and feet. 2,022,883; Dec. 3.
- Gee, William Oliver, Jr., Chicago, Ill. Spray gun reservoir. 2,004,574; June 11.
- Gee, William P. (See Manley, R. E., and Gee.)
- Geer, Charles D., assignor to The Engineering and Research Corporation, New Haven, Conn. Traffic control system. 2,016,325; Oct. 8.
- Geer, Charles D., and D. L. Bacon, assignors to The Engineering and Research Corporation, New Haven, Conn. Counter. 2,019,902; Nov. 5.
- Geer, Elton. (See Draa, A. S., and Geer.)
- Geer, Harry R., Westmont, Pa., assignor to Bethlehem Steel Company. Machine for bending wire and the like. 1,987,333; Jan. 8.
- Geer, Harry R., Westmont, Pa., assignor to Bethlehem Steel Company. Machine for bending wire and the like. 1,987,334; Jan. 8.
- Geer, Harry R., Westmont, Pa., assignor to Bethlehem Steel Company. Profiling machine. 2,010,662; Aug. 6.
- Geer, Harry R., Westmont, Pa., assignor to Bethlehem Steel Company. Reel assembling machine. 2,010,663; Aug. 6.
- Geer, Harry R., Westmont, Pa., assignor to Bethlehem Steel Company. Rolling mill guide. 2,016,141; Oct. 1.
- Geer, Paul L., Bellevue, H. A. Moore, Wilkinsburg, and W. A. Morton, Pittsburgh, Pa. Suction glass gathering device. 2,002,889; May 28.
- Geer, William C. (See Baymiller, John W., assignor.)
- Geer, William C., Ithaca, N. Y. Controlling the accumulation of ice upon surfaces exposed to ice forming conditions. 1,998,809; Apr. 23.
- Geer, William C., Ithaca, N. Y. Composition for treating colloidal surfaces. 2,017,593; Oct. 15.
- Geerlings, Gerald K., Cynwyd, Pa. Wrapped package and forming the same. 2,023,386; Dec. 3.
- Geery, Harvey, Modesto, Calif. Faucet. 1,990,938; Feb. 12.
- Geffcken, Heinrich, Leipzig, Germany, assignor to Radio Patents Corporation, New York, N. Y. Amplifying relay system. 1,998,131; Apr. 16.
- Geffcken, Heinrich H., Leipzig, Germany, assignor to Radio Patents Corporation, New York, N. Y. Operating photoelectric cells having auxiliary anodes. 1,986,806; Jan. 8.
- Geffcken, Heinrich H., and Hans R. Richter, Leipzig, Germany, assignors to Radio Patents Corporation, New York, N. Y. Controlling machines. 1,998,132; Apr. 16.
- Geffcken, Heinrich H., and H. R. Richter, Leipzig, Germany, assignors to Radio Patents Corporation, New York, N. Y. Device and method for controlling circuits by light sensitive means. 1,998,133; Apr. 16.
- Geffcken, Heinrich H., and H. R. Richter, Leipzig, Germany, assignors to Radio Patents Corporation, New York, N. Y. Manufacturing photo-electric tubes. 2,012,626; Aug. 27.
- Geffcken, Heinrich H., and H. R. Richter, Leipzig, Germany, assignors to Radio Patents Corporation, New York, N. Y. Light-sensitive tube. 2,015,520; Sept. 24.
- Geffcken, Heinrich H., and H. R. Richter, Leipzig, Germany, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Glow discharge device. 2,017,278; Oct. 15.
- Geffcken, Heinrich, H. Richter and K. Müller, Leipzig, Germany, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Light sensitive tube. 2,024,762; Dec. 17.
- Geffroy, Ralph N., Stockton, Calif. Engine mounting for tractor engines. 1,987,676; Jan. 15.
- Geffroy, Ralph N., Stockton, Calif. Implement mounting trailer for tractors. 2,016,774; Oct. 8.
- Geggus, John, assignor to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Metal shearing apparatus. 1,989,136; Jan. 29.
- Gebbauer, John, St. Louis, Mo. Brake and accelerator control. 1,994,699; Mar. 19.
- Gehman, Samuel D. (See Ward, J. S., and Gehman.)
- Gehres, Hewitt A., assignor to Cooper-Bessemer Corporation, Mount Vernon, Ohio. Engine compressor assembly. 2,002,200; May 21.
- Gehres, Hewitt A., assignor to Cooper-Bessemer Corporation, Mount Vernon, Ohio. Exhaust manifold and connection. 2,003,485; June 4.
- Gehres, Hewitt A., Mount Vernon, Ohio, and C. D. Howard, Grove City, Pa., assignors to The Cooper-Bessemer Corporation, Mount Vernon, Ohio. Internal combustion engine. 2,012,229; Aug. 20.
- Gehring, John. (See Slade, H. E., and Gehring.)
- Gehris, Joseph L., Reading, Pa. Manhole construction. 2,009,132; July 23.
- Gehrke, August, Harburg-Wilhelmsburg, Germany. Production of storable mixtures of lecithin and oil. 2,018,781; Oct. 29.
- Gehrman, Charles F., executor, et al. (See Rommer, Emil.)
- Gehron, Carl C. (See Davies, R. L., and Gehron.)
- Geib, Nicholas V., assignor to Geib & Schaefer Co., Chicago, Ill. Carrying case for musical instruments. 1,986,393; Jan. 1.
- Geib, Robert L., Los Angeles, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Stage apparatus. 2,001,678; May 14.
- Geib & Schaefer Co. (See Geib, Nicholas V., assignor.)
- Geidner, Wilhelm, Kempten, Germany. Dyeing spindle. 2,006,763; July 2.
- Geler, Conrad W. (See Lewin, I. and Geler.)
- Geler, Hermann. (See Jochum, K., Voss, Geler, and Dickhäuser.)
- Gelger, Charles F., Metuchen, N. J., assignor to The Carborundum Company, Niagara Falls, N. Y. Manufacture of ceramic ware. 2,015,750; Oct. 1.

- Geiger, Edward F., Chicago, Ill. Carburetor. 2,025,504; Dec. 24.
- Geiger, Eugenie F., and J. Geiger, Milwaukee, Wis. Safety-ventilating and bombproof system. 2,014,840; Sept. 17.
- Geiger, Frank L. (See Chiles, H. S., and Geiger.)
- Geiger, Josef. (See Geiger, E. F., and J.)
- Geiger, Ludwig T. and R., Vienna, Austria. Fastener for bags. 2,006,268; June 25.
- Geiger, Richard. (See Geiger, Ludwig T. and R.)
- Geiger, Russell C., assignor to The Kitchen Aid Manufacturing Company, Troy, Ohio. Food handling apparatus. 2,024,282; Dec. 17.
- Geiger, Walter J. (Frech, T. W., and Geiger.)
- Geiger, William A., assignor to W. H. Miner, Inc., Chicago, Ill. Clutch. 1,988,590; Jan. 22.
- Geigy, J. R., A. G. (See Agthe, C. A., and Blaser, assignors.)
- Geigy, J. R., A. G. (See Richard, Bernhard, assignor.)
- Geigy, J. R., A. G. (See Schäfer, Josef, assignor.)
- Geigy, J. R., A. G. (See Senn, Emil, assignor.)
- Geigy, J. R., S. A. (See Conzett, Achille, assignor.)
- Geigy, J. R., S. A. (See Hasler, A., Meyer, and Schäfer, assignors.)
- Geigy, Wilhelm. (See Barz, F., Landolt, Geigy, Kaegi, and Graenacher.)
- Geis, Frederick G., Jackson, Calif. Abrasive cleaner dispenser. 2,024,037; Dec. 10.
- Geise, Nelson C. (See Richter, Charles, assignor.)
- Geisel, Carl R., Windsor, assignor of one-half to E. A. La Brie, Hartford, Conn. Folding umbrella. 1,991,385; Feb. 19.
- Geisel, Emil, Berlin-Charlottenberg, assignor to Rohm & Haas A.-G., Darmstadt, Germany. Compound glass. 2,007,645; July 9.
- Geiselschmidt, Karl S., San Jose, Calif. Doorlock. 2,022,853; Dec. 3.
- Geisenheimer, Charles, New York, N. Y. Slip. 1,995,609; Mar. 26.
- Geisert, Frederick W. (See Bosworth, F., and Geisert.)
- Geisinger, Nelson O., Dover, Ohio. Veneer fastening means. 2,005,030; June 18.
- Geisler, William A. (See Sargent, W. D., and Geisler.)
- Geissbühler, Ernst, Schlieren-Zurich, Switzerland. Clamp. 1,995,206; Mar. 19.
- Geissler, Walter. (See Kleinschmit, O., and Geissler.)
- Geissler, Walter. (See Kleinschmit, O., Geissler, and Schmidt.)
- Geissler, Walter. (See Meder, G., Geissler, and Eggert.)
- Geist, Sadie R., Brooklyn, N. Y. Producing fluffed cord border for fabrics. 2,015,847; Oct. 1.
- Geist, Sidney R., Woodmere, N. Y., assignor to A. Kimball Company, New York, N. Y. Labeling machine. 2,011,715; Aug. 20.
- Geist, Walter, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Power transmitting mechanism. 2,002,055; May 21.
- Geistlinger, Edward, Peekskill, N. Y., assignor to Air Valve Bottle Corporation, Wilmington, Del. Nursing bottle. 2,022,083; Nov. 26.
- Gelb, Joseph, New York, N. Y. Operating table illuminator. 1,985,922; Jan. 1.
- Gelb, Lawrence M. (See Meyer, Hans, assignor.)
- Gelbman, Louis, Yonkers, N. Y. Building block machines. 2,003,632; June 4.
- Geldhof, Peter E., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Ironing machine (pad drier). 1,992,368; Feb. 26.
- Geldhof, Peter E., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Clothes washing machine. 2,019,076; Oct. 29.
- Gelhaar, Stefan J., Ljungaværk, Sweden, assignor to Stockholms Superfosfat Fabriks Aktiebolag, Stockholm, Sweden. Producing ammonium trinitrate. 1,997,927; Apr. 16.
- Gelinas, T. P. (See Guilbault, Ludger, assignor.)
- Gell, John, London, England. Safety razor blade sharpener. 2,011,680; Aug. 20.
- Gell, John, London, England. Gramophone. 2,025,856; Dec. 31.
- Gellatly, Edwin B., Pittsburgh, Pa. Conveying mechanism. 2,019,961; Nov. 5.
- Gellatly, Robert H., Philomath, Oreg. Combination highway and railway transportation system. 2,013,345; Sept. 3.
- Geller, Hugo, assignor to Patchogue-Plymouth Mills Corporation, New York, N. Y. Adjustable curtain. 2,017,830; Oct. 15.
- Gellman, Israel C., Rock Island, Ill. Bread slicing machine. 2,024,414; Dec. 17.
- Gelsdorf, William F., Minneapolis, Minn. Charcoal lighter. 1,987,899; Jan. 15.
- Gelstharp, Frederick. (See Miller, R. A., and Gelstharp.)
- Gelstharp, Frederick, and W. G. Koupal, Tarentum, Pa., assignors to Pittsburgh Plate Glass Company. Making plate glass. 2,003,289; June 4.
- Gelstharp, Frederick, and W. G. Koupal, Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for making flat glass. 2,015,791; Oct. 1.
- Gelstharp, Frederick, Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. X-ray absorption glass. 2,025,099; Dec. 24.
- Gem Manufacturing Company. (See Hedrick, Gale H., assignor.)
- Gemberling, Cameron H., South Bend, Ind., assignor to Oliver Farm Equipment Company. Tandem disk harrow. 1,998,501; Apr. 23.
- Gemeinhardt, Walter, Rockaway Park, N. Y. Musical instrument. 1,991,246; Feb. 12.
- Gemex Company. (See Einsele, Robert, assignor.)
- Gemex Company. (See Sand, John, assignor.)
- Gemmell, Robert W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,012,425; Aug. 27.
- Gemmer, George A., West Orange, N. J. Steering gear for vehicles. 1,998,365; Apr. 16.
- Gemmer Manufacturing Company. (See Flury, Richard, assignor.)
- Gemmer Manufacturing Company. (See Marles, Henry, assignor.)
- Genberg, Olov A., Lidingsö, Sweden. Sliding window. 2,012,386; Aug. 27.
- Genecand, Félix, assignor to Tricounti Societe Anonyme, Geneva, Switzerland. Shoe-nail for mountain boots. 1,997,110; Apr. 9.
- General Airmotors Company. (See Moore, Robert S., assignor.)
- General American Tank Car Corporation. (See Pierce, Raymond C., assignor.)
- General Aniline Works, Inc. (See Aickelin, Hans, assignor.)
- General Aniline Works, Inc. (See Ballauf, F., and Schmelzer, assignors.)
- General Aniline Works, Inc. (See Baltes, M., Briesewitz, and Zitscher, assignors.)
- General Aniline Works, Inc. (See Baumann, Fritz, assignor.)
- General Aniline Works, Inc. (See Benade, Walther, assignor.)
- General Aniline Works, Inc. (See Bergdolt, A. and Ballauf, assignors.)
- General Aniline Works Inc. (See Berliner, Robert, assignor.)
- General Aniline Works, Inc. (See Berthold, Hermann, assignor.)
- General Aniline Works, Inc. (See Berthold, H., and Albrecht, assignors.)
- General Aniline Works, Inc. (See Berthold, H., Krauss, and Hagenböcker, assignors.)
- General Aniline Works, Inc. (See Bienert, B., and Held, assignors.)
- General Aniline Works, Inc. (See Brodersen, Karl, assignor.)
- General Aniline Works, Inc. (See Clingestein, H., and Dobmaler, assignors.)
- General Aniline Works, Inc. (See Clingestein, H., and Schubert, assignors.)
- General Aniline Works, Inc. (See Drossbach, O., and Johannsen, assignors.)
- General Aniline Works, Inc. (See Eckert, W., and Braunsdorf, assignors.)
- General Aniline Works, Inc. (See Eckert, W., and Gmelin, assignors.)
- General Aniline Works, Inc. (See Eckert, W., Sieber, Greune, and Langbein, assignors.)
- General Aniline Works, Inc. (See Eichwede, Heinz, assignor.)
- General Aniline Works, Inc. (See Fischer, Ernst, assignor.)
- General Aniline Works, Inc. (See Fischer, E., and Gmelin, assignors.)
- General Aniline Works, Inc. (See Fischer, E., and Kracker, assignors.)
- General Aniline Works, Inc. (See Fischer, E., and Mahler, assignors.)
- General Aniline Works, Inc. (See Fuchs, S., and Schulz, assignors.)
- General Aniline Works, Inc. (See Gensel, H., and Bauer, assignors.)
- General Aniline Works, Inc. (See Gleitenberg, E., and Sigwart, assignors.)
- General Aniline Works, Inc. (See Glingestein, H., and Kahn, assignors.)
- General Aniline Works, Inc. (See Haller, O., and Morschel, assignors.)
- General Aniline Works, Inc. (See Helwert, F., and Palm, assignors.)
- General Aniline Works, Inc. (See Herz, R., and Schubert, assignors.)
- General Aniline Works, Inc. (See Herz, R., Zerweck, and Hechtenberg, assignors.)
- General Aniline Works, Inc. (See Heyna, H., and Huber, assignors.)
- General Aniline Works, Inc. (See Hilger, J., and Taube, assignors.)
- General Aniline Works, Inc. (See Hoffa, E., and Müller, assignors.)
- General Aniline Works, Inc. (See Holzach, K., and Lange, assignors.)
- General Aniline Works, Inc. (See Honold, E., and Müller, assignors.)
- General Aniline Works, Inc. (See Honold, E., and Wolff, assignors.)
- General Aniline Works, Inc. (See Kalischer, G., and Zerweck, assignors.)
- General Aniline Works, Inc. (See Keller, Karl, assignor.)
- General Aniline Works, Inc. (See Kirst, W., and Kerth, assignors.)

- General Aniline Works, Inc. (See Koeberle, K., and Ploetz, assignors.)
 General Aniline Works, Inc. (See Koch, Ernst, assignor.)
 General Aniline Works, Inc. (See Koch, Wilhelm, assignor.)
 General Aniline Works, Inc. (See Kracker, Herbert, assignor.)
 General Aniline Works, Inc. (See Kracker, H., and Schmid, assignors.)
 General Aniline Works, Inc. (See Kränzlein, C., and Diefenbach, assignors.)
 General Aniline Works, Inc. (See Kränzlein, G., Corell, Schaich, assignors.)
 General Aniline Works, Inc. (See Kränzlein, G., Diefenbach, and Corell, assignors.)
 General Aniline Works, Inc. (See Kränzlein, G., Greune, and Schultheis, assignors.)
 General Aniline Works, Inc. (See Kränzlein, G., Greune, and Thiele, assignors.)
 General Aniline Works, Inc. (See Kränzlein, G., Ochwat, and Moldaenke, assignors.)
 General Aniline Works, Inc. (See Kränzlein, G., Schlichenmaier, and Schörnig, assignors.)
 General Aniline Works, Inc. (See Kränzlein, G., Vollmann, Limbacher, assignors.)
 General Aniline Works, Inc. (See Krauss, C., and Brunner, assignors.)
 General Aniline Works, Inc. (See Krzikalla, H., Eistert, Schmitt, and Kracker, assignors.)
 General Aniline Works, Inc. (See Krzikalla, H., and Holzach, assignors.)
 General Aniline Works, Inc. (See Krzikalla, H., and Limbacher, assignors.)
 General Aniline Works, Inc. (See Krzikalla, H., and Schultheis, assignors.)
 General Aniline Works, Inc. (See Kunz, M. A., Berthold, and Koeberle, assignors.)
 General Aniline Works, Inc. (See Kunz, M. A., Kochendorfer and Koeberle, assignors.)
 General Aniline Works, Inc. (See Kunz, M. A., Kochendorfer, Maurach, and Limbacher, assignors.)
 General Aniline Works, Inc. (See Kunz, M. A., and Koeberle, assignors.)
 General Aniline Works, Inc. (See Kunz, M. A., Koeberle and Berthold, assignors.)
 General Aniline Works, Inc. (See Kunz, M. A., Koeberle, and Kochendorfer, assignors.)
 General Aniline Works, Inc. (See Kunz, M. A., Kränzlein, Koeberle, Corell, Berthold, and Vollmann, assignors.)
 General Aniline Works, Inc. (See Kunz, M. A., Krzikalla, and Limbacher.)
 General Aniline Works, Inc. (See Lange, Fritz, assignor.)
 General Aniline Works, Inc. (See Lange, M., and Jacobs, assignors.)
 General Aniline Works, Inc. (See Lange, Werner, assignor.)
 General Aniline Works, Inc. (See Laska, L., and Haller, assignors.)
 General Aniline Works, Inc. (See Laska, L., Haller, and Werdermann, assignors.)
 General Aniline Works, Inc. (See Laska, L., and Zitscher, assignors.)
 General Aniline Works, Inc. (See Laska, L., Zitscher, Fischer, and Lamberz, assignors.)
 General Aniline Works, Inc. (See Lederle, E., and Guenther, assignors.)
 General Aniline Works, Inc. (See Lehmann, Erich, assignor.)
 General Aniline Works, Inc. (See Marx, K., Wesche, Bittner, and Saenger, assignors.)
 General Aniline Works, Inc. (See Mieg, W., Heidenreich, and Neresheimer, assignors.)
 General Aniline Works, Inc. (See Mueller, Julius, assignor.)
 General Aniline Works, Inc. (See Muth, Friedrich, assignor.)
 General Aniline Works, Inc. (See Nawlasky, P., Bauer and Krauch, assignors.)
 General Aniline Works, Inc. (See Nawlasky, P., and Grosskinsky, assignors.)
 General Aniline Works, Inc. (See Nawlasky, P., and Stein, assignors.)
 General Aniline Works, Inc. (See Neelmeier, W., and Meiser, assignors.)
 General Aniline Works, Inc. (See Neelmeier, W., and Modersohn, assignors.)
 General Aniline Works, Inc. (See Neresheimer, Heinrich, assignor.)
 General Aniline Works, Inc. (See Neresheimer, H., Eichholz, and Boehner, assignors.)
 General Aniline Works, Inc. (See Neresheimer, H., Ruppel, and Vilsmeier, assignors.)
 General Aniline Works, Inc. (See Nicodemus, O., Schmidt, Ossenbeck, and Tietze, assignors.)
 General Aniline Works, Inc. (See Nocken, T., and Neelmeier, assignors.)
 General Aniline Works, Inc. (See Ohlendorf, Heinrich, assignor.)
 General Aniline Works, Inc. (See Orthner, L., and Kessler, assignors.)
 General Aniline Works, Inc. (See Ossenbeck, A., and Tietze, assignors.)
 General Aniline Works, Inc. (See Ott, K., and Mauthe, assignors.)
 General Aniline Works, Inc. (See Putzer, B., and Muth, assignors.)
 General Aniline Works, Inc. (See Raeck, Max, assignor.)
 General Aniline Works, Inc. (See Schepss, Wilhelm, assignor.)
 General Aniline Works, Inc. (See Scheurer, W., and Niemann, assignors.)
 General Aniline Works, Inc. (See Scheyer, Heinz, assignor.)
 General Aniline Works, Inc. (See Schick, P., and Lauth, assignors.)
 General Aniline Works, Inc. (See Schimmelschmidt, K., and Thomae, assignors.)
 General Aniline Works, Inc. (See Schindhelm, H., and Gast, assignors.)
 General Aniline Works, Inc. (See Schmidt, R. E., and Bamberger, assignors.)
 General Aniline Works, Inc. (See Schnitzspahn, Karl, assignor.)
 General Aniline Works, Inc. (See Schrader, Gerhard, assignor.)
 General Aniline Works, Inc. (See Schubert, M., and Herdieckerhoff, assignors.)
 General Aniline Works, Inc. (See Schweitzer, H., and Schrader, assignors.)
 General Aniline Works, Inc. (See Steiger, N., and Albrecht, assignors.)
 General Aniline Works, Inc. (See Steiger, N., and Schulte, assignors.)
 General Aniline Works, Inc. (See Stein, B., and Baumann, assignor.)
 General Aniline Works, Inc. (See Steindorff, A., and Paquin, assignors.)
 General Aniline Works, Inc. (See Stüsser, Richard, assignor.)
 General Aniline Works, Inc. (See Stüsser, R., Dobmaier, and Stroebel, assignors.)
 General Aniline Works, Inc. (See Thoma, Erwin, assignor.)
 General Aniline Works, Inc. (See Thomas, H., Modersohn, Muller, and Muth, assignors.)
 General Aniline Works, Inc. (See Ulrich, H., and Saurwein, assignors.)
 General Aniline Works, Inc. (See Vogt, Eberhard, assignor.)
 General Aniline Works, Inc. (See Vollmann, H., and Becker, assignors.)
 General Aniline Works, Inc. (See Vollmann, H., and Corell, assignors.)
 General Aniline Works, Inc. (See Wagner, H., Krzikalla, and Kirsch, assignors.)
 General Aniline Works, Inc. (See Wahl, O., Müller, and Pingado, assignors.)
 General Aniline Works, Inc. (See Weinand, Klaus, assignor.)
 General Aniline Works, Inc. (See Weinand, K., Bamberger, and Utsch, assignors.)
 General Aniline Works, Inc. (See Wieners, Franz, assignor.)
 General Aniline Works, Inc. (See Wolff, H., and Mieg, assignors.)
 General Aniline Works, Inc. (See Wulff, C., and Roell, assignors.)
 General Aniline Works, Inc. (See Zabel, M., Falek, and Seifert, assignors.)
 General Aniline Works, Inc. (See Zerweck, W., and Schütz, assignors.)
 General Aniline Works, Inc. (See Zitscher, Arthur, assignor.)
 General Aniline Works, Inc. (See Zitscher, A., and Lamberz, assignors.)
 General Aniline Works, Inc. (See Zitscher, A., and Seidenfaden, assignors.)
 General Automatic Corp. (See Barrett, Harold G., assignor.)
 General Aviation Manufacturing Corporation. (See Kingston, Earle G., assignor.)
 General Bronze Corporation. (See Peremi, E., and Kish, assignors.)
 General Cable Corporation. (See Arber, Herman, assignor.)
 General Cable Corporation. (See Atkinson, Ralph W., assignor.)
 General Cable Corporation. (See Faucett, Irving T., assignor.)
 General Cable Corporation. (See Gay, Frazer W., assignor.)
 General Cable Corporation. (See Palmer, Dwight R. G., assignor.)
 General Cable Corporation. (See Pettee, Allen D., assignor.)
 General Cable Corporation. (See Schatzel, Rudolph A., assignor.)
 General Cable Corporation. (See Simmons, Donald M., assignor.)
 General Cable Corporation. (See Snyder, Edward, assignor.)
 General Cable Corporation. (See Weber, Howard H., assignor.)
 General Cap Co. Inc. (See Knowles, William H., assignor.)
 General Carbonalpa Company, The. (See Willekens, Jacobus J. C., assignor.)
 General Chemical Company. (See Bachman, Paul W., assignor.)

- General Chemical Company. (See Benjamin, Charles S., assignor.)
 General Chemical Company. (See Burgoyne, W. J., and Cordy, assignors.)
 General Chemical Company. (See Cummings, Tom, assignor.)
 General Chemical Company. (See Dickson, William M., assignor.)
 General Chemical Company. (See Levermore, Charles L., assignor.)
 General Chemical Company. (See MacDonald, Charles A., assignor.)
 General Chemical Company. (See Melendy, Jesse G., assignor.)
 General Chemical Company. (See Merriam, Henry F., assignor.)
 General Chemical Company. (See Preisman, Louis, assignor.)
 General Chemical Company. (See Scott, Garnett L., assignor.)
 General Chemical Company. (See Shinn, J. V., and Cummings, assignors.)
 General Chemical Company. (See Stringham, William S., assignor.)
 General Chemical Company. (See Woliner, Herbert J., assignor.)
 General Chemical Company. (See Wollner, H. J., and Taylor, assignors.)
 General Container Corporation. (See Eden, James A., Jr., assignor.)
 General Controls Co. (See Ray, William A., assignor.)
 General Conveyers Limited. (See Needham, John T., assignor.)
 General Corporation of America. (See Grant, Samuel, assignor.)
 General Door Company. (See Brunst, W. M., and Laufersweiler, assignors.)
 General Door Company. (See Greigor, Ralph H., assignor.)
 General Door Company. (See McCloud, Edward H., assignor.)
 General Electric Company. (See Abbott, Charles C., assignor.)
 General Electric Company. (See Abbott, T. A., and Bakke, assignors.)
 General Electric Company. (See Abshagen, Franz, assignor.)
 General Electric Company. (See Acheson, Marcus A., assignor.)
 General Electric Company. (See Ackley, Frederick E., assignor.)
 General Electric Company. (See Adams, Joy C., assignor.)
 General Electric Company. (See Alexander, Peter P., assignor.)
 General Electric Company. (See Alexanderson, Ernst F. W., assignor.)
 General Electric Company. (See Alger, Philip L., assignor.)
 General Electric Company. (See Allibone, Thomas E., assignor.)
 General Electric Company. (See Anderson, Arvid E., assignor.)
 General Electric Company. (See Andrews, Mary R., assignor.)
 General Electric Company. (See Arey, Ralph G., assignor.)
 General Electric Company. (See Arey, R. G., and Faus, assignors.)
 General Electric Company. (See Arkenburgh, Weber H., assignor.)
 General Electric Company. (See Asakawa, Toraji, assignor.)
 General Electric Company. (See Asmussen, Heinrich, assignor.)
 General Electric Company. (See Astor, Ernest, assignor.)
 General Electric Company. (See Atchison, Leonard W., assignor.)
 General Electric Company. (See Aurbach, Rudolf, assignor.)
 General Electric Company. (See Ayers, Edgar H., assignor.)
 General Electric Company. (See Ayres, Russell W., assignor.)
 General Electric Company. (See Bailey, William M., assignor.)
 General Electric Company. (See Bakke, Hans A., assignor.)
 General Electric Company. (See Baldwin, Morris J., assignor.)
 General Electric Company. (See Bany, Herman, assignor.)
 General Electric Company. (See Barringer, Lawrence E., assignor.)
 General Electric Company. (See Barton, Theophilus F., assignor.)
 General Electric Company. (See Bassler, Kurt, assignor.)
 General Electric Company. (See Baumann, K., and Stubbs, assignors.)
 General Electric Company. (See Baumeister, Heinrich, assignor.)
 General Electric Company. (See Baumhauer, H., and Wiegand, assignors.)
 General Electric Company. (See Becker, Howard I., assignor.)
 General Electric Company. (See Becker, Stewart, assignor.)
 General Electric Company. (See Bedford, Alda V., assignor.)
 General Electric Company. (See Bedford, Burnice D., assignor.)
 General Electric Company. (See Beggs, James E., assignor.)
 General Electric Company. (See Benford, Frank A., assignor.)
 General Electric Company. (See Bennett, Ralph S., assignor.)
 General Electric Company. (See Bentley, Jetson O., assignor.)
 General Electric Company. (See Berejko, Anatole P., assignor.)
 General Electric Company. (See Bergman, Sven R., assignor.)
 General Electric Company. (See Berry, Robert U., assignor.)
 General Electric Company. (See Berry, Theodore M., assignor.)
 General Electric Company. (See Biggs, Leonard R., assignor.)
 General Electric Company. (See Bivens, Maurice E., assignor.)
 General Electric Company. (See Blach, Emil, assignor.)
 General Electric Company. (See Blake, David K., assignor.)
 General Electric Company. (See Blake, Harold D., assignor.)
 General Electric Company. (See Blau, Fritz, assignor.)
 General Electric Company. (See Blume, Louis F., assignor.)
 General Electric Company. (See Bol, Cornelius, assignor.)
 General Electric Company. (See Bol, C., and Dorgelo, assignors.)
 General Electric Company. (See Bol, C., and Klinkhamer, assignors.)
 General Electric Company. (See Bol, C., and Linnemans, assignors.)
 General Electric Company. (See Braband, Carl, assignor.)
 General Electric Company. (See Brophy, Dorothy H., assignor.)
 General Electric Company. (See Brown, C. A., Craig and Van Sickle, assignors.)
 General Electric Company. (See Brown, George R., assignor.)
 General Electric Company. (See Brown, W. C., Roper, and Denny, assignors.)
 General Electric Company. (See Bruijnes, Johannes, assignor.)
 General Electric Company. (See Bruijnes, J., Schouwstra, and van Engel, assignors.)
 General Electric Company. (See Buckland, Bruce O., assignor.)
 General Electric Company. (See Burmeister, Hermann, assignor.)
 General Electric Company. (See Bush, Ralph R., assignor.)
 General Electric Company. (See Byles, Frank A., assignor.)
 General Electric Company. (See Byles, F. A., and Winter, assignors.)
 General Electric Company. (See Byrnes, I. F., and Meahl, assignors.)
 General Electric Company. (See Cain, Bernard M., assignor.)
 General Electric Company. (See Camilli, Guglielmo, assignor.)
 General Electric Company. (See Carlson, George, assignor.)
 General Electric Company. (See Carlson, G., and Knoderer, assignors.)
 General Electric Company. (See Carlson, Wendell L., assignor.)
 General Electric Company. (See Case, Byron A., assignor.)
 General Electric Company. (See Carter, Emmett F., assignor.)
 General Electric Company. (See Catlett, James T., assignor.)
 General Electric Company. (See Causse, Rene, assignor.)
 General Electric Company. (See Chambers, D. E., and Schneider, assignors.)
 General Electric Company. (See Champlin, Franklin J., assignor.)
 General Electric Company. (See Chapman, Verni J., assignor.)
 General Electric Company. (See Chelliot, George, assignor.)
 General Electric Company. (See Chesnut, Dewey L., assignor.)
 General Electric Company. (See Churcher, Brian A. G., assignor.)
 General Electric Company. (See Clark, Earl W., assignor.)
 General Electric Company. (See Clark, Frank M., assignor.)
 General Electric Company. (See Clark, F. M., and Koenig, assignors.)
 General Electric Company. (See Clark, F. M., and Kutz, assignors.)
 General Electric Company. (See Clark, F. M., and Russetta, assignors.)
 General Electric Company. (See Clauss, Charles A., assignor.)

- General Electric Company. (See Coates, William A., assignor.)
 General Electric Company. (See Cockrell, William D., assignor.)
 General Electric Company. (See Cockrell, W. D., and Juchter, assignors.)
 General Electric Company. (See Cogswell, Burnham, assignor.)
 General Electric Company. (See Coleman, Roy E., assignor.)
 General Electric Company. (See Collingham, Robert H., assignor.)
 General Electric Company. (See Cook, Ellsworth D., assignor.)
 General Electric Company. (See Coolidge, William D., assignor.)
 General Electric Company. (See Cooney, William H., assignor.)
 General Electric Company. (See Cooper, Joseph H., assignor.)
 General Electric Company. (See Crago, Harry R., assignor.)
 General Electric Company. (See Crocker, Clarence T., assignor.)
 General Electric Company. (See Cutler, Clarence W., assignor.)
 General Electric Company. (See Dahl, O., and Pfaffenberger, assignors.)
 General Electric Company. (See Dallmann, Herbert, assignor.)
 General Electric Company. (See Dalton, William, assignor.)
 General Electric Company. (See Daly, Loretta M., assignor.)
 General Electric Company. (See Danz, Arnold P., assignor.)
 General Electric Company. (See Davies, David R., assignor.)
 General Electric Company. (See DeBlieux, Earl V., assignor.)
 General Electric Company. (See Decker, Gustav, assignor.)
 General Electric Company. (See de Groot, W., and Druyvesteyn, assignors.)
 General Electric Company. (See Delas, Rene L., assignor.)
 General Electric Company. (See Dellian, Joseph, assignor.)
 General Electric Company. (See Dempster, John T. H., assignor.)
 General Electric Company. (See DeReamer, Frank C., assignor.)
 General Electric Company. (See De Tar, Donald R., assignor.)
 General Electric Company. (See Devlin, Robert V., assignor.)
 General Electric Company. (See Dickinson, Edgar D., assignor.)
 General Electric Company. (See Dickinson, E. D., and Eriksen, assignors.)
 General Electric Company. (See Diesendorf, Walter, assignor.)
 General Electric Company. (See Dietze, Richard, assignor.)
 General Electric Company. (See Dobke, Günther, assignor.)
 General Electric Company. (See Dobke, G., and Kotowski, assignors.)
 General Electric Company. (See Dome, Robert B., assignor.)
 General Electric Company. (See Donovan, J. F., and Illingworth, assignors.)
 General Electric Company. (See Donovan, J. F., and Kubach, assignors.)
 General Electric Company. (See Doran, John H., assignor.)
 General Electric Company. (See Dorgelo, Eduard G., assignor.)
 General Electric Company. (See Downer, John M., assignor.)
 General Electric Company. (See Downey, Reginald L., assignor.)
 General Electric Company. (See Druyvesteyn, Marl J., assignor.)
 General Electric Company. (See Eby, Eugene D., assignor.)
 General Electric Company. (See Edgar, R. F., and Concordia, assignors.)
 General Electric Company. (See Edwards, Martin A., assignor.)
 General Electric Company. (See Elder, F. R., and LaRoque, assignors.)
 General Electric Company. (See Emmerling, Anson A., assignor.)
 General Electric Company. (See Engster, Frank W., assignor.)
 General Electric Company. (See Eskin, Samuel, assignor.)
 General Electric Company. (See Eto, Hiroshi, assignor.)
 General Electric Company. (See Evans, Bernard C., assignor.)
 General Electric Company. (See Ewest, Hans, assignor.)
 General Electric Company. (See Ewest, H., and Gaidies, assignors.)
 General Electric Company. (See Ewest, H., and Rüttenauer, assignors.)
 General Electric Company. (See Faus, Harold T., assignor.)
 General Electric Company. (See Fecker, Theo., assignor.)
 General Electric Company. (See Fehse, A., and Krefft, assignors.)
 General Electric Company. (See Fiedler, George H., assignor.)
 General Electric Company. (See Field, A. B., and Dannatt, assignors.)
 General Electric Company. (See Fienne, Marcus E., assignor.)
 General Electric Company. (See Fisher, Frederick E., assignor.)
 General Electric Company. (See Fitch, William A., assignor.)
 General Electric Company. (See Fitz Gerald, Alan S., assignor.)
 General Electric Company. (See Fitz Gerald, A. S., and Garman, assignors.)
 General Electric Company. (See Flaws, John, Jr., assignor.)
 General Electric Company. (See Fonda, G. R., and Young, assignors.)
 General Electric Company. (See Forsberg, Peter W., assignor.)
 General Electric Company. (See Found, Clifton G., assignor.)
 General Electric Company. (See Frech, Theodore W., assignor.)
 General Electric Company. (See Frech, T. W., and Geiger, assignors.)
 General Electric Company. (See Fredericks, Joseph D., assignor.)
 General Electric Company. (See French, Henry G., assignor.)
 General Electric Company. (See Friederich, Ernst, assignor.)
 General Electric Company. (See Friedrichsen, Heinrich, assignor.)
 General Electric Company. (See Fritze, Otto, assignor.)
 General Electric Company. (See Fritze, O., and Rüttenauer, assignors.)
 General Electric Company. (See Frohmer, Claus, assignor.)
 General Electric Company. (See Fuwa, K., and Suzuki, assignors.)
 General Electric Company. (See Fyler, George W., assignor.)
 General Electric Company. (See Gaidies, Georg, assignor.)
 General Electric Company. (See Gaidies, George, assignor.)
 General Electric Company. (See Gaidies, G., and Reger, assignors.)
 General Electric Company. (See Gaidies, G., and Rompe, assignors.)
 General Electric Company. (See Garman, George W., assignor.)
 General Electric Company. (See Gillette, Robert T., assignor.)
 General Electric Company. (See Glaser, August, assignor.)
 General Electric Company. (See Godfrey, Fredrick S., assignor.)
 General Electric Company. (See Goff, Robert W., assignor.)
 General Electric Company. (See Goodall, J. M., and Regis, assignors.)
 General Electric Company. (See Granfield, John C., assignor.)
 General Electric Company. (See Green, Adoniram J., assignor.)
 General Electric Company. (See Green, Charles M., assignor.)
 General Electric Company. (See Greentree, C. D., and Mead, assignors.)
 General Electric Company. (See Griffiths, Leonard, assignor.)
 General Electric Company. (See Gross, Erich, assignor.)
 General Electric Company. (See Grothouse, Frank T., assignor.)
 General Electric Company. (See Grupe, H. L., and Kienle, assignors.)
 General Electric Company. (See Hackett, Harold N., assignor.)
 General Electric Company. (See Hahn, Clarence E., assignor.)
 General Electric Company. (See Hall, Chester I., assignor.)
 General Electric Company. (See Halvorson, Cromwell A., assignor.)
 General Electric Company. (See Halvorson, Cromwell A. B., assignor.)
 General Electric Company. (See Hammond, Richard A., assignor.)
 General Electric Company. (See Hand, Arthur R., assignor.)
 General Electric Company. (See Hardy, Arthur C., assignor.)
 General Electric Company. (See Harrington, Elliott D., assignor.)
 General Electric Company. (See Hartigan, Richard M., assignor.)
 General Electric Company. (See Hartley, Lowell J., assignor.)
 General Electric Company. (See Harty, Edgar A., assignor.)
 General Electric Company. (See Hehlhans, Friedrich W., assignor.)

- General Electric Company. (See Helmbright, Henry H., assignor.)
 General Electric Company. (See Hendricks, Allan B., Jr., assignor.)
 General Electric Company. (See Hermann, Benjamin R., assignor.)
 General Electric Company. (See Hermann, Peter C., assignor.)
 General Electric Company. (See Herre, Peter, assignor.)
 General Electric Company. (See Herre, P., and Hix, assignors.)
 General Electric Company. (See Herrlinger, Fritz, assignor.)
 General Electric Company. (See Hiltner, James R., assignor.)
 General Electric Company. (See Hiltner, J. R., and Godfrey, assignors.)
 General Electric Company. (See Hintze, Helmut, assignor.)
 General Electric Company. (See Hobson, Leland S., assignor.)
 General Electric Company. (See Hoffmann, Daniel C., assignor.)
 General Electric Company. (See Holm-Hansen, Osmund, assignor.)
 General Electric Company. (See Holst, Gilles, assignor.)
 General Electric Company. (See Honing, Wilhelm, assignor.)
 General Electric Company. (See Hosegood, Philip E., assignor.)
 General Electric Company. (See Huber, Herman J. H., assignor.)
 General Electric Company. (See Hull, Albert W., assignor.)
 General Electric Company. (See Humberstone, Joseph H., assignor.)
 General Electric Company. (See Hunter, Eugene M., assignor.)
 General Electric Company. (See Illingworth, George, assignor.)
 General Electric Company. (See Inman, George E., assignor.)
 General Electric Company. (See Johnston, Arthur J., assignor.)
 General Electric Company. (See Jones, Benjamin W., assignor.)
 General Electric Company. (See Juhlin, Gustaf A., assignor.)
 General Electric Company. (See Junggren, Oscar, assignor.)
 General Electric Company. (See Kaar, Ira J., assignor.)
 General Electric Company. (See Kaimer, Fred R., assignor.)
 General Electric Company. (See Karasawa, Shizuo, assignor.)
 General Electric Company. (See Kaufmann, Richard H., assignor.)
 General Electric Company. (See Kell, Ray D., assignor.)
 General Electric Company. (See Keller, George V., assignor.)
 General Electric Company. (See Kiefer, Johannes, assignor.)
 General Electric Company. (See Kienle, Roy H., assignor.)
 General Electric Company. (See Kienle, R. H., and Schlingman, assignors.)
 General Electric Company. (See Kieser, Walter, assignor.)
 General Electric Company. (See Kilbourne, Charles E., assignor.)
 General Electric Company. (See King, Ralph E., assignor.)
 General Electric Company. (See King, William R., assignor.)
 General Electric Company. (See Kingdon, Kenneth H., assignor.)
 General Electric Company. (See Kirch, Ernst, assignor.)
 General Electric Company. (See Kjolseth, Ole K., assignor.)
 General Electric Company. (See Klinkhamer, H. A. W., de Bruin, and van Stekelenburg, assignors.)
 General Electric Company. (See Kleeman, Richard D., assignor.)
 General Electric Company. (See Knight, James L., assignor.)
 General Electric Company. (See Knoderer, Homer G., assignor.)
 General Electric Company. (See Knoderer, H. G., and Carlson, assignors.)
 General Electric Company. (See Köberich, Rudolf, assignor.)
 General Electric Company. (See Konn, Felix, assignor.)
 General Electric Company. (See Kraft, Hans, assignor.)
 General Electric Company. (See Krebs, Ernst W., assignor.)
 General Electric Company. (See Krefft, Hermann, assignor.)
 General Electric Company. (See Lacey, Harry A., assignor.)
 General Electric Company. (See Lair, Walter B., assignor.)
 General Electric Company. (See Langley, Gordon R., assignor.)
 General Electric Company. (See Langley, G. R., and Davis, assignors.)
 General Electric Company. (See Langmuir, Irving, assignor.)
 General Electric Company. (See La Pierre, C. W., Mead, and Menger, assignors.)
 General Electric Company. (See LaRoque, H. B., and Elder, assignors.)
 General Electric Company. (See Lathrop, Harold F., assignor.)
 General Electric Company. (See Leach, Edward A., assignor.)
 General Electric Company. (See LeCount, George E., assignor.)
 General Electric Company. (See Ledig, W., Müller, Assmussen, Duhse, and Wilde, assignors.)
 General Electric Company. (See Lems, Hendrik, assignor.)
 General Electric Company. (See Leonard, Vincent W., assignor.)
 General Electric Company. (See Lewis, Edward H., assignor.)
 General Electric Company. (See Lieberum, George W., assignor.)
 General Electric Company. (See Linn, Frank C., assignor.)
 General Electric Company. (See Lindner, Hans G., assignor.)
 General Electric Company. (See Lindvall, Frederick C., assignor.)
 General Electric Company. (See Linville, Thomas M., assignor.)
 General Electric Company. (See Littlefield, Edward P., assignor.)
 General Electric Company. (See Livingston, Orrin W., assignor.)
 General Electric Company. (See Lootens, Charles L., assignor.)
 General Electric Company. (See Lord, Harold W., assignor.)
 General Electric Company. (See Lum, Walter O., assignor.)
 General Electric Company. (See Lum, W. O., and Harrington, assignors.)
 General Electric Company. (See Lyman, Harold T., Jr., assignor.)
 General Electric Company. (See Macchi, Aldo, assignor.)
 General Electric Company. (See Malloy, F. J., and Thomas, assignors.)
 General Electric Company. (See Mansur, Clarence W., assignor.)
 General Electric Company. (See Marcellus, Frederick S., assignor.)
 General Electric Company. (See Marx, Erwin, assignor.)
 General Electric Company. (See Masnou, Maurice, assignor.)
 General Electric Company. (See Mason, Cyril A., assignor.)
 General Electric Company. (See May, Karl H., assignor.)
 General Electric Company. (See Mayor, William A., assignor.)
 General Electric Company. (See McCarty, Orin P., assignor.)
 General Electric Company. (See McDavitt, Carlisle N., assignor.)
 General Electric Company. (See McLaughlin, R. Wayne, assignor.)
 General Electric Company. (See McNairy, Jacob W., assignor.)
 General Electric Company. (See McNairy, J. W., and Moore, assignors.)
 General Electric Company. (See McNairy, J. W., and Ogden, assignors.)
 General Electric Company. (See McNairy, J. W., and Tritle, assignors.)
 General Electric Company. (See Meahl, Harry R., assignor.)
 General Electric Company. (See Mechelke, Walther, assignor.)
 General Electric Company. (See Meier, Raymond J., assignor.)
 General Electric Company. (See Menger, Francis B., assignor.)
 General Electric Company. (See Merrill, Wilbur L., assignor.)
 General Electric Company. (See Merrill, W. L., and Fisher, assignors.)
 General Electric Company. (See Metcalf, George F., assignor.)
 General Electric Company. (See Meyer, W., and Weise, assignors.)
 General Electric Company. (See Michaelis, Lothar, assignor.)
 General Electric Company. (See Miller, Sidney E., assignor.)
 General Electric Company. (See Millner, T., and Tury, assignors.)
 General Electric Company. (See Mittag, Albert H., assignor.)
 General Electric Company. (See Moers, Kurt, assignor.)
 General Electric Company. (See Mohler, Francis, assignor.)
 General Electric Company. (See Morack, Marvin M., assignor.)
 General Electric Company. (See Morrill, Wayne J., assignor.)
 General Electric Company. (See Morrissey, Richard E., assignor.)

General Electric Company. (See Moyer, E. E., and Griffith, assignors.)
 General Electric Company. (See Muchow, Albert J., assignor.)
 General Electric Company. (See Mulder, Cornelis A. H., assignor.)
 General Electric Company. (See Müller, Robert H., assignor.)
 General Electric Company. (See Murphy, G. F., and Steiner, assignors.)
 General Electric Company. (See Mutsaers, Johannes P. M., assignor.)
 General Electric Company. (See Narath, Albert, assignor.)
 General Electric Company. (See Neher, John H., assignor.)
 General Electric Company. (See Nehmert, Friedrich E., assignor.)
 General Electric Company. (See Newkirk, Burt L., assignor.)
 General Electric Company. (See Newman, Delbert F., assignor.)
 General Electric Company. (See Nicholson, L., and Needham, assignors.)
 General Electric Company. (See Nickle, Clifford A., assignor.)
 General Electric Company. (See Norris, Marvin L., assignor.)
 General Electric Company. (See Norton, Charles T., assignor.)
 General Electric Company. (See Orr, Clark, assignor.)
 General Electric Company. (See Otis, Albert N., assignor.)
 General Electric Company. (See Otis, A. N., and McFarland, assignors.)
 General Electric Company. (See Owens, Joseph W., assignor.)
 General Electric Company. (See Page, Albert B., assignor.)
 General Electric Company. (See Palmer, Arthur, assignor.)
 General Electric Company. (See Palueff, Konstantin K., assignor.)
 General Electric Company. (See Parrott, Robert P., assignor.)
 General Electric Company. (See Patterson, Franklin G., assignor.)
 General Electric Company. (See Payne, John H., assignor.)
 General Electric Company. (See Pendleton, Alexander G., assignor.)
 General Electric Company. (See Perino, Jules, assignor.)
 General Electric Company. (See Peters, Leo R., assignor.)
 General Electric Company. (See Petersen, Waldemar, assignor.)
 General Electric Company. (See Peterson, Justin, assignor.)
 General Electric Company. (See Pirani, M., Ewest, and Gaidies, assignors.)
 General Electric Company. (See Pirani, M., and Krefft, assignors.)
 General Electric Company. (See Pirani, M., and Nitschke, assignors.)
 General Electric Company. (See Pirani, M., and Reger, assignors.)
 General Electric Company. (See Pirani, M., Reger, and Fehse, assignors.)
 General Electric Company. (See Pirani, M., and Rüttenauer, assignors.)
 General Electric Company. (See Plathner, W., and Kettner, assignors.)
 General Electric Company. (See Powers, James H., assignor.)
 General Electric Company. (See Pratt, William H., assignor.)
 General Electric Company. (See Price, Edgar, assignor.)
 General Electric Company. (See Price, A. L., and Menger, assignors.)
 General Electric Company. (See Prideaux, Gwilym F., assignor.)
 General Electric Company. (See Prince, David C., assignor.)
 General Electric Company. (See Pritchard, Franklin H., assignor.)
 General Electric Company. (See Proctor, John A., assignor.)
 General Electric Company. (See Puffer, Samuel R., assignor.)
 General Electric Company. (See Ralston, Albert A., assignor.)
 General Electric Company. (See Randall, John T., assignor.)
 General Electric Company. (See Randall, J. T., Harris, and Ryde, assignors.)
 General Electric Company. (See Rankin, William K., assignor.)
 General Electric Company. (See Reed, George M., assignor.)
 General Electric Company. (See Reed, G. M., and Paxton, assignors.)
 General Electric Company. (See Reger, Martin, assignor.)
 General Electric Company. (See Reid, Eugene H., assignor.)
 General Electric Company. (See Reiley, James M., assignor.)

General Electric Company. (See Reiter, C., Loebe, Samson, Bobek, and Grossmann, assignors.)
 General Electric Company. (See Resch, Arthur, assignor.)
 General Electric Company. (See Rhea, T. R., and Umansky, assignors.)
 General Electric Company. (See Rice, Chester W., assignor.)
 General Electric Company. (See Rich, Theodore A., assignor.)
 General Electric Company. (See Richardson, Dudley F., assignor.)
 General Electric Company. (See Riggs, Leland W., assignor.)
 General Electric Company. (See Roessler, Edward W., assignor.)
 General Electric Company. (See Römhild, Edgar, assignor.)
 General Electric Company. (See Rowe, William H., assignor.)
 General Electric Company. (See Roper, V. J., and Brown, assignors.)
 General Electric Company. (See Roper, Val J., assignor.)
 General Electric Company. (See Ross, Aubrey A., assignor.)
 General Electric Company. (See Runner, Claude C., assignor.)
 General Electric Company. (See Rupp, Emil, assignor.)
 General Electric Company. (See Rutenauer, A., and Fritze, assignors.)
 General Electric Company. (See Sabbah, Camil A., assignor.)
 General Electric Company. (See Sabbah, C. A., and Gray, assignors.)
 General Electric Company. (See Sablesen, Robert F., assignor.)
 General Electric Company. (See Sams, J. A., and Moriarty, assignors.)
 General Electric Company. (See Samuels, Raemon C., assignor.)
 General Electric Company. (See Samuelson, Frederick, assignor.)
 General Electric Company. (See Sass, Friedrich, assignor.)
 General Electric Company. (See Sass, F., and Daiber, assignors.)
 General Electric Company. (See Saxton, Harold L., assignor.)
 General Electric Company. (See Schlingman, P. F., and Kienle, assignors.)
 General Electric Company. (See Schmidt, Rudolf, assignor.)
 General Electric Company. (See Schmitt, Richard H., assignor.)
 General Electric Company. (See Schröter, K., Agte, Moers, and Wolff, assignors.)
 General Electric Company. (See Schurig, Otto R., assignor.)
 General Electric Company. (See Seeley, Harold T., assignor.)
 General Electric Company. (See Setter, Joseph A., assignor.)
 General Electric Company. (See Severin, C., and Peters, assignors.)
 General Electric Company. (See Shanklin, George B., assignor.)
 General Electric Company. (See Shawn, George B., assignor.)
 General Electric Company. (See Shea, Joseph L., assignor.)
 General Electric Company. (See Sheldon, Lucian A., assignor.)
 General Electric Company. (See Simpson, Waldo P., assignor.)
 General Electric Company. (See Singer, Hanns, assignor.)
 General Electric Company. (See Skeats, Wilfred F., assignor.)
 General Electric Company. (See Skofield, William K., assignor.)
 General Electric Company. (See Small, Guy O., assignor.)
 General Electric Company. (See Smith, David M., assignor.)
 General Electric Company. (See Smith, James, J., assignor.)
 General Electric Company. (See Stafford, John K., assignor.)
 General Electric Company. (See Standerwick, Reginald G., assignor.)
 General Electric Company. (See Stansel, Numan R., assignor.)
 General Electric Company. (See Stark, Julian H., assignor.)
 General Electric Company. (See Stark, J. H., and Withcrown, assignors.)
 General Electric Company. (See Starr, Frank M., assignor.)
 General Electric Company. (See Steenstrup, Christian, assignor.)
 General Electric Company. (See Stephens, Howard O., assignor.)
 General Electric Company. (See Stephenson, Hugh M., assignor.)
 General Electric Company. (See Stevenson, Alexander R., assignor.)
 General Electric Company. (See Stöhr, Max, assignor.)

- General Electric Company. (See Stone, Charles W., assignor.)
- General Electric Company. (See Stone, Fred L., assignor.)
- General Electric Company. (See Suits, Chauncey G., assignor.)
- General Electric Company. (See Swanson, Ernest G., assignor.)
- General Electric Company. (See Sykes, Wesley P., assignor.)
- General Electric Company. (See Tachibana, Shirô, assignor.)
- General Electric Company. (See Tanabe, S., and Fujitani, assignors.)
- General Electric Company. (See Taylor, George F., assignor.)
- General Electric Company. (See Taylor, Laurens A., assignor.)
- General Electric Company. (See Tear, James D., assignor.)
- General Electric Company. (See Teare, B. R., Jr., and Whiting, assignors.)
- General Electric Company. (See Thearle, Ernest L., assignor.)
- General Electric Company. (See Thomas, Henry P., assignor.)
- General Electric Company. (See Thompson, Harry C., assignor.)
- General Electric Company. (See Thompson, Louis W., assignor.)
- General Electric Company. (See Thompson, L. W., and Rogers, assignors.)
- General Electric Company. (See Thomson, Hugh E., assignor.)
- General Electric Company. (See Thumin, Carl, assignor.)
- General Electric Company. (See Townsend, George R., assignor.)
- General Electric Company. (See Treitel, Heinrich, assignor.)
- General Electric Company. (See Tittle, John F., assignor.)
- General Electric Company. (See Truesdell, Francis W., assignor.)
- General Electric Company. (See Uhl, Robert L., assignor.)
- General Electric Company. (See Umansky, Leonid A., assignor.)
- General Electric Company. (See Uytterhoeven, Willem, assignor.)
- General Electric Company. (See Uytterhoeven, W., and de Bruin, assignors.)
- General Electric Company. (See Uytterhoeven, W., van Dam, and Verburg, assignors.)
- General Electric Company. (See Uytterhoeven, W., and Druyvesteyn, assignors.)
- General Electric Company. (See Uytterhoeven, W., and Verburg, assignors.)
- General Electric Company. (See Valentine, Irving R., assignor.)
- General Electric Company. (See Van Horn, Irving H., assignor.)
- General Electric Company. (See Van Nordstrand, Robert D., assignor.)
- General Electric Company. (See Warner, D. F., and Standerwick, assignors.)
- General Electric Company. (See Warren, Glenn B., assignor.)
- General Electric Company. (See Warren, Henry E., assignor.)
- General Electric Company. (See Warrington, Albert R. van C., assignor.)
- General Electric Company. (See Watson, Estell M., assignor.)
- General Electric Company. (See Watts, Noble H., assignor.)
- General Electric Company. (See Watts, N. H., and Clauss, assignors.)
- General Electric Company. (See Weaver, William E., assignor.)
- General Electric Company. (See Weed, James M., assignor.)
- General Electric Company. (See Weigel, Frederick A., assignor.)
- General Electric Company. (See Weir, Irvin R., assignor.)
- General Electric Company. (See Wenham, Lancelot E., assignor.)
- General Electric Company. (See Westendorp, Willem F., assignor.)
- General Electric Company. (See White, William C., assignor.)
- General Electric Company. (See Whitesel, Harry A., assignor.)
- General Electric Company. (See Whiting, M. A., and Thurston, assignors.)
- General Electric Company. (See Whitney, George B., assignor.)
- General Electric Company. (See Whitney, Willis R., assignor.)
- General Electric Company. (See Wideröe, Rolf, assignor.)
- General Electric Company. (See Wiegand, Kurt, assignor.)
- General Electric Company. (See Wiest, Horace G., assignor.)
- General Electric Company. (See Willis, Clodius H., assignor.)
- General Electric Company. (See Willis, C. H., and Currier.)
- General Electric Company. (See Wilson, Frederick P., Jr., assignor.)
- General Electric Company. (See Wilson, Guy W., assignor.)
- General Electric Company. (See Winne, Harry A., assignor.)
- General Electric Company. (See Winter, William F., Jr., assignor.)
- General Electric Company. (See Wood, Alexander P., assignor.)
- General Electric Company. (See Woodruff, Henry S., assignor.)
- General Electric Company. (See Woodworth, John L., assignor.)
- General Electric Company. (See Wright, Daniel K., assignor.)
- General Electric Company. (See Wright, Fred S., assignor.)
- General Electric Company. (See Wright, Wilmer L., assignor.)
- General Electric Company. (See Wünsche, Otto, assignor.)
- General Electric Company. (See Yamashita, Noboru, assignor.)
- General Electric Company. (See Zabel, William P., assignor.)
- General Electric Company. (See Zecher, Gustav, assignor.)
- General Electric Company. (See Zecher, G., and Bruijnes, assignors.)
- General Electric Company. (See Zeiss, Bruno, assignor.)
- General Electric Company. (See Zelt, Elmer J., assignor.)
- General Electric Company. (See Zurcher, Ernest, assignor.)
- General Electric Company Limited. (See Coates, Herbert J., assignor.)
- General Electric Company Limited, The. (See Coates, H. J., and Emms, assignors.)
- General Electric Company Limited, The. (See Espley, Dennis C., assignor.)
- General Electric Company Limited, The. (See Garrard, Charles C., and Keeley, assignors.)
- General Electric Company Limited, The. (See Humphreys, O. W., and Stopford, assignors.)
- General Electric Company Limited. (See Pochobradsky, Bedrich, assignor.)
- General Electric Company Limited, The. (See Ryde, John B., assignor.)
- General Electric Company, Limited, The. (See Stevens, Ronald J., assignor.)
- General Electric Company Limited, The. (See Winch, Gordon T., assignor.)
- General Electric Vapor Lamp Company. (See Buttolph, Leroy J., assignor.)
- General Electric Vapor Lamp Co. (See Ford, Arthur S., assignor.)
- General Electric Vapor Lamp Company. (See Foulke, Ted E., assignor.)
- General Electric Vapor Lamp Company. (See Knoeppel, Alwin R., assignor.)
- General Electric Vapor Lamp Co. (See Lederer, Ernest A., assignor.)
- General Electric Vapor Lamp Company. (See Moehler, Otto J., assignor.)
- General Electric Vapor Lamp Company. (See St. Louis, James A., assignor.)
- General Electric Vapor Lamp Company. (See Walker, Warren R., assignor.)
- General Electric Vapor Lamp Company. (See Winninghoff, Wilford J., assignor.)
- General Electric X-Ray Corporation. (See Kimble, H. E., and Holmquest, assignors.)
- General Electric X-ray Corporation. (See Wantz, Julius B., assignor.)
- General Electric X-Ray Corporation. (See Wantz, Julius W., assignor.)
- General Engineering Works. (See Murphy, Harvey C., assignor.)
- General Fibre Products, Incorporated. (See Browning, John N., assignor.)
- General Fibre Products, Incorporated. (See Hamerstadt, William D., assignor.)
- General Findings and Supply Co. (See Cole, A. M., and Rivers, assignors.)
- General Fire Extinguisher Company. (See Barclay, Sidney F., assignor.)
- General Fire Extinguisher Company. (See Coleman, John B., assignor.)
- General Fire Extinguisher Company. (See Knight, Ira W., assignor.)
- General Fire Extinguisher Company. (See Loepsinger, Albert J., assignor.)
- General Fire Extinguisher Company. (See Wentworth, Robert S., assignor.)
- General Fireproofing Company, The. (See Gourley, G. T., and Malat, assignors.)
- General Foods Corporation. (See Gearing, M. J., and Downing, assignors.)
- General Foundry Machinery Corporation. (See Lawlor, John J., assignor.)
- General Household Utilities Company. (See Jordan, James D., assignor.)
- General Household Utilities Company. (See Kenney, Mahlon W., assignor.)
- General Household Utilities Company. (See Kenney, M. W., and Jordan, assignors.)

General Household Utilities Company. (See Kenney, M. W., Jordan, and Threlkeld, assignors.)
 General Importing Company. (See Herzberg, G., and Ambrunn, assignors.)
 General Industries Company, The. (See van der Woude, Fritz, assignor.)
 General Instrument Corporation. (See Cohen, Samuel, assignor.)
 General Machine Company. (See Muench, Frank J. and J. L., assignors.)
 General Machine Works, Inc. (See Swartz, William H. and C. G., assignors.)
 General Machinery Corporation. (See Cole, Lyndon C., assignors.)
 General Metalware Company. (See Bentzen, Max T., assignor.)
 General Mills, Inc. (See Anderson, Helmer, assignor.)
 General Motors Corporation. (See Almen, John O., assignor.)
 General Motors Corporation. (See Almen, J. O., Ehrlich, and Gove, assignors.)
 General Motors Corporation. (See Andrews, Frank W., assignor.)
 General Motors Corporation. (See Anibal, Benjamin H., assignor.)
 General Motors Corporation. (See Appel, Walter D., assignor.)
 General Motors Corporation. (See Arnold, C. F., and Deremer, assignors.)
 General Motors Corporation. (See Aseltine, Fred E., assignor.)
 General Motors Corporation. (See Babitch, Abraham M., assignor.)
 General Motors Corporation. (See Baillio, Alexander F., assignor.)
 General Motors Corporation. (See Bates, Ralph I., assignor.)
 General Motors Corporation. (See Beekman, Everett W., assignor.)
 General Motors Corporation. (See Bichowsky, Francis R., assignor.)
 General Motors Corporation. (See Bichowsky, Francis R. A., assignor.)
 General Motors Corporation. (See Blackmore, Lloyd, assignor.)
 General Motors Corporation. (See Blackmore, L., and Hutchison, assignors.)
 General Motors Corporation. (See Boegehold, Alfred L., assignor.)
 General Motors Corporation. (See Bradford, Zerbe C., assignor.)
 General Motors Corporation. (See Bramley-Moore, Swinfen, assignor.)
 General Motors Corporation. (See Brever, Francis T., assignor.)
 General Motors Corporation. (See Brittain, Richard J., Jr., assignor.)
 General Motors Corporation. (See Brittain, R. J., Jr., and Young, assignors.)
 General Motors Corporation. (See Brown, Bernard A., assignor.)
 General Motors Corporation. (See Brown, Raymond L., assignor.)
 General Motors Corporation. (See Caminez, Harold, assignor.)
 General Motors Corporation. (See Candor, Robert R., assignor.)
 General Motors Corporation. (See Chamberlin, Harry T., assignor.)
 General Motors Corporation. (See Chase, Linus R., assignor.)
 General Motors Corporation. (See Chase, Theron P., assignor.)
 General Motors Corporation. (See Chayne, Charles A., assignor.)
 General Motors Corporation. (See Chilton, Ralph H., assignor.)
 General Motors Corporation. (See Chryst, William A., assignor.)
 General Motors Corporation. (See Chutorash, Gustave, assignor.)
 General Motors Corporation. (See Cobb, Harold E., assignor.)
 General Motors Corporation. (See Collins, Edward W., assignor.)
 General Motors Corporation. (See Cramer, R. H., and Morrell, assignors.)
 General Motors Corporation. (See Crawford, J. M., and Frehse, assignors.)
 General Motors Corporation. (See Crawford, J. M., and Hicks, assignors.)
 General Motors Corporation. (See Crawford, J. M., and Sprung, assignors.)
 General Motors Corporation. (See Critchfield, Robert M., assignor.)
 General Motors Corporation. (See Critchfield, R. M., and White, assignors.)
 General Motors Corporation. (See Dasher, Don E., assignor.)
 General Motors Corporation. (See Davis, Charles H., Jr., assignor.)
 General Motors Corporation. (See Dean, Hugh, assignor.)
 General Motors Corporation. (See Delaval-Crow, Thomas C., assignor.)

General Motors Corporation. (See Dick, Herman J., assignor.)
 General Motors Corporation. (See Dickey, Ernest, assignor.)
 General Motors Corporation. (See Diederich, John W., assignor.)
 General Motors Corporation. (See Doane, Harry C., assignor.)
 General Motors Corporation. (See Dyer, John B., assignor.)
 General Motors Corporation. (See Edwards, William C., assignor.)
 General Motors Corporation. (See Ehrlich, J., and Almen, assignors.)
 General Motors Corporation. (See Ehrling, Gunnar E., assignor.)
 General Motors Corporation. (See Emmons, Willard O., assignor.)
 General Motors Corporation. (See Emmons, W. O., and Ramsaur, assignors.)
 General Motors Corporation. (See Evans, Ronald K., assignor.)
 General Motors Corporation. (See Falge, Robert N., assignor.)
 General Motors Corporation. (See Falge, R. N., and Godley, assignors.)
 General Motors Corporation. (See Ferrier, Alexander I., assignor.)
 General Motors Corporation. (See Fitzsimmons, John T., assignor.)
 General Motors Corporation. (See Forbes Kingston, assignor.)
 General Motors Corporation. (See Fredrickson, Gustav, assignor.)
 General Motors Corporation. (See Funston, Frederick D., assignor.)
 General Motors Corporation. (See Gaugler, Richard S., assignor.)
 General Motors Corporation. (See George, Herbert, assignor.)
 General Motors Corporation. (See Geyer, Harvey D., assignor.)
 General Motors Corporation. (See Geyer, H. D., and Sampson, assignors.)
 General Motors Corporation. (See Gibson, J. L., and Winkler, assignors.)
 General Motors Corporation. (See Gilman, Norman H., assignor.)
 General Motors Corporation. (See Goodspeed, Elvin S., assignor.)
 General Motors Corporation. (See Gove, Winfield D., assignor.)
 General Motors Corporation. (See Green, John T., assignor.)
 General Motors Corporation. (See Green, Leonard, assignor.)
 General Motors Corporation. (See Grier, John A., assignor.)
 General Motors Corporation. (See Guempei, Robert R., assignor.)
 General Motors Corporation. (See Hainsworth, William R., assignor.)
 General Motors Corporation. (See Hallett, George E. A., assignor.)
 General Motors Corporation. (See Hardman, Frederick J., assignor.)
 General Motors Corporation. (See Harris, Mark B., assignor.)
 General Motors Corporation. (See Hartzell, Herman L., assignor.)
 General Motors Corporation. (See Henne, Albert L., assignor.)
 General Motors Corporation. (See Henney, Charles F., assignor.)
 General Motors Corporation. (See Hillmer, Max L., assignor.)
 General Motors Corporation. (See Hofferberth, George F., assignor.)
 General Motors Corporation. (See Holbrook, William C., assignor.)
 General Motors Corporation. (See Holmes, John Q., assignor.)
 General Motors Corporation. (See Holmes, J. Q., and Shippy, assignors.)
 General Motors Corporation. (See Holmes, John R., assignor.)
 General Motors Corporation. (See Hughes, Frederick G., assignor.)
 General Motors Corporation. (See Hull, Harry B., assignor.)
 General Motors Corporation. (See Hull, H. B., and Kampman, assignors.)
 General Motors Corporation. (See Hunt, John H., assignor.)
 General Motors Corporation. (See Hutchinson, Philip H., assignor.)
 General Motors Corporation. (See Kamrath, Herbert G., assignor.)
 General Motors Corporation. (See Kelghley, Lloyd M., assignor.)
 General Motors Corporation. (See Kelly, John M., assignor.)
 General Motors Corporation. (See Kettering, Charles F., assignor.)

- General Motors Corporation. (See Killen, James R., assignor.)
- General Motors Corporation. (See Kindl, C. H., and Rossman, assignors.)
- General Motors Corporation. (See Kingston, Frederick S., assignor.)
- General Motors Corporation. (See Kobek, John L., assignor.)
- General Motors Corporation. (See Kucher, Andrew A., assignor.)
- General Motors Corporation. (See Kunkle, Bayard D., assignor.)
- General Motors Corporation. (See Lantz, Donald G., assignor.)
- General Motors Corporation. (See Large, Samuel R., assignor.)
- General Motors Corporation. (See Leach, Albert E., assignor.)
- General Motors Corporation. (See Lee, Charles L., assignor.)
- General Motors Corporation. (See Lewellen, Albert R., assignor.)
- General Motors Corporation. (See Little, John H., assignor.)
- General Motors Corporation. (See Lovett, George A., assignor.)
- General Motors Corporation. (See Lundh, Sverrer H., assignor.)
- General Motors Corporation. (See Macready, John A., assignor.)
- General Motors Corporation. (See Mapes, Clyde W., assignor.)
- General Motors Corporation. (See Marshall, B. D., Dean, and Moorhead, assignors.)
- General Motors Corporation. (See Martinuzzi, Pio F., assignor.)
- General Motors Corporation. (See McCann, Joseph H., assignor.)
- General Motors Corporation. (See McCarty, J. E., and Randolph, assignors.)
- General Motors Corporation. (See McCormack, A. A., and Watt, assignors.)
- General Motors Corporation. (See McCraith, Robert, assignor.)
- General Motors Corporation. (See McDougal, Taine G., assignor.)
- General Motors Corporation. (See McPherson, Hal W., assignor.)
- General Motors Corporation. (See Mead, H. C., and Michel, assignors.)
- General Motors Corporation. (See Michel, Clarence A., assignor.)
- General Motors Corporation. (See Midgley, R., Jr., Henne and McNary, assignors.)
- General Motors Corporation. (See Midgley, Thomas, Jr., assignor.)
- General Motors Corporation. (See Midgley, T., Jr., and Henne, and McNary, assignors.)
- General Motors Corporation. (See Miller, Julius C., assignor.)
- General Motors Corporation. (See Morgan, Samuel, assignor.)
- General Motors Corporation. (See Nacker, Owen M., assignor.)
- General Motors Corporation. (See Nacker, O. M., and Olley, assignors.)
- General Motors Corporation. (See Norviel, Harry E., assignor.)
- General Motors Corporation. (See Nutt, Frank N., assignor.)
- General Motors Corporation. (See Olley, Maurice, assignor.)
- General Motors Corporation. (See Osborn, Robert G., assignor.)
- General Motors Corporation. (See Parker, Guy E., assignor.)
- General Motors Corporation. (See Patzig, Alfred, assignor.)
- General Motors Corporation. (See Paulus, Charles L., assignor.)
- General Motors Corporation. (See Pearce, George C., assignor.)
- General Motors Corporation. (See Pearce, G. C., and Alexander, assignors.)
- General Motors Corporation. (See Phelps, Alva W., assignor.)
- General Motors Corporation. (See Poole, Lora E., assignor.)
- General Motors Corporation. (See Prescott, Frank H., assignor.)
- General Motors Corporation. (See Rabezzama, Hector, assignor.)
- General Motors Corporation. (See Rabezzana, H., and Battery, assignors.)
- General Motors Corporation. (See Randolph, Donald W., assignor.)
- General Motors Corporation. (See Randolph, D. W., and Ford, assignors.)
- General Motors Corporation. (See Randolph, D. W., and Mitchel, assignor.)
- General Motors Corporation. (See Randolph, D. W., and Rabezzana, assignors.)
- General Motors Corporation. (See Rasmussen, Olaf, assignor.)
- General Motors Corporation. (See Reeves, Donald H., assignor.)
- General Motors Corporation. (See Rockwell, Edward A., assignor.)
- General Motors Corporation. (See Roose, William D., assignor.)
- General Motors Corporation. (See Rossman, Edwin F., assignor.)
- General Motors Corporation. (See Rossman, E. F., and Kindl, assignors.)
- General Motors Corporation. (See Rowe, Clement J., assignor.)
- General Motors Corporation. (See Samuels, William, assignor.)
- General Motors Corporation. (See Saunders, Laurence P., assignor.)
- General Motors Corporation. (See Schmidt, Norman W., assignor.)
- General Motors Corporation. (See Schulze, William H., assignor.)
- General Motors Corporation. (See Schwarze, Herman, assignor.)
- General Motors Corporation. (See Schweller, Sylvester M., assignor.)
- General Motors Corporation. (See Seabury, Ralph L., assignor.)
- General Motors Corporation. (See Seaborn, Ernest W., assignor.)
- General Motors Corporation. (See Sheats, John H., assignor.)
- General Motors Corporation. (See Shippy, Leo C., assignor.)
- General Motors Corporation. (See Shippy, L. C., and Holmes, assignors.)
- General Motors Corporation. (See Shippy, L. C., and Malone, assignors.)
- General Motors Corporation. (See Shoemaker, Fred G., assignor.)
- General Motors Corporation. (See Shoemaker, F. G., and Baker, assignors.)
- General Motors Corporation. (See Shoemaker, F. G., and Ehrling, assignors.)
- General Motors Corporation. (See Shoemaker, Harvy B., assignor.)
- General Motors Corporation. (See Short, Charles R., assignor.)
- General Motors Corporation. (See Short, C. R., and Koehring, assignors.)
- General Motors Corporation. (See Simpson, Emory G., assignor.)
- General Motors Corporation. (See Smith, Harry F., assignor.)
- General Motors Corporation. (See Snyder, C. L., and Proctor, assignors.)
- General Motors Corporation. (See Spruegel, W., and Riedel, assignors.)
- General Motors Corporation. (See Sprung, Edwin G., assignor.)
- General Motors Corporation. (See Sterling, Claude H., assignor.)
- General Motors Corporation. (See Stevens, Clarence C., assignor.)
- General Motors Corporation. (See Stout, Elmer O., assignor.)
- General Motors Corporation. (See Summers, Otto M., assignor.)
- General Motors Corporation. (See Taub, Alex, assignor.)
- General Motors Corporation. (See Tenney, Perry L., assignor.)
- General Motors Corporation. (See Thompson, Earl A., assignor.)
- General Motors Corporation. (See Thomson, Bernard, assignor.)
- General Motors Corporation. (See Tormyn, H., and Wiethoff, assignors.)
- General Motors Corporation. (See Turnquist, Edward, assignor.)
- General Motors Corporation. (See Van Degrift, Thomas C., assignor.)
- General Motors Corporation. (See Wallace, Hugh, assignor.)
- General Motors Corporation. (See Waterbury, Ronald J., assignor.)
- General Motors Corporation. (See Watson, James B., assignor.)
- General Motors Corporation. (See Watt, William W., assignor.)
- General Motors Corporation. (See Werner, Calvin J., assignor.)
- General Motors Corporation. (See Werner, C. J., Gravitt, and Marts, assignors.)
- General Motors Corporation. (See White, James A., assignor.)
- General Motors Corporation. (See White, John W., assignor.)
- General Motors Corporation. (See Whitfield, Harry L., assignor.)
- General Motors Corporation. (See Wiley, R. H., Huston, and Keller, assignors.)
- General Motors Corporation. (See Williams, Harry M., assignor.)
- General Motors Corporation. (See Williams, James F., assignor.)
- General Motors Corporation. (See Wolf, Harry R., assignor.)

- General Motors Corporation. (See Wolfram, J. F., and Currier, assignors.)
 General Motors Corporation. (See Wyeth, Nathaniel, assignor.)
 General Motors Corporation. (See Zubaty, Joseph, assignor.)
 General Motors Radio Corporation. (See Gaubert, John Q., assignor.)
 General Motors Truck Corporation. (See Austin, Dwight E., assignor.)
 General Motors Truck Corporation. (See Flogaus, Howard A., assignor.)
 General Outdoor Advertising Co. (See Schumacher, Frank J., assignor.)
 General Outdoor Advertising Co., Inc. (See Cusick, Alden J., assignor.)
 General Plate Company. (See Davignon, Ermand H., assignor.)
 General Plate Company. (See McGoldrick, William J., assignor.)
 General Plate Company. (See Spencer, John A., assignor.)
 General Plate Company. (See Spencer, Percy L. B., assignor.)
 General Plate Company. (See Wohrman, Carl R. E., assignor.)
 General Printing Ink Corporation. (See Ogden, Ashley G., assignor.)
 General Radio Company. (See Clapp, James K., assignor.)
 General Radio Company. (See Karplus, E., and Tuttle, assignors.)
 General Radio Company. (See Tuttle, William N., assignor.)
 General Railway Signal Company. (See Abendroth, Karl W., assignor.)
 General Railway Signal Company. (See Benedict, Frank, assignor.)
 General Railway Signal Company. (See Blodgett, Edwin O., assignor.)
 General Railway Signal Company. (See Bodde, Theodore, assignor.)
 General Railway Signal Company. (See Brixner, Frederick W., assignor.)
 General Railway Signal Company. (See Brown, Ned C. L., assignor.)
 General Railway Signal Company. (See Day, Salisbury M., assignor.)
 General Railway Signal Company. (See Dicke, Oscar H., assignor.)
 General Railway Signal Company. (See Dodgson, Frank L., assignor.)
 General Railway Signal Company. (See Drake, C., and Langdon, assignors.)
 General Railway Signal Company. (See Field, Oscar S., assignor.)
 General Railway Signal Company. (See Hitchcock, Forest B., assignor.)
 General Railway Signal Company. (See Johaneck, George J., assignor.)
 General Railway Signal Company. (See Langdon, Andrew, assignor.)
 General Railway Signal Company. (See Langdon, A. and Wion, assignors.)
 General Railway Signal Company. (See Lindner, John C., assignor.)
 General Railway Signal Company. (See Merkel, Joseph F., assignor.)
 General Railway Signal Company. (See Phinney, Robert M., assignor.)
 General Railway Signal Company. (See Powell, Winfred T., assignor.)
 General Railway Signal Company. (See Preston, N. D., and Dicke, assignors.)
 General Railway Signal Company. (See Reichard, Wade H., assignor.)
 General Railway Signal Company. (See Ross, Oscar A., assignor.)
 General Railway Signal Company. (See Sprague, Frank J., assignor.)
 General Railway Signal Company. (See Stephenson, James E., assignor.)
 General Railway Signal Company. (See Stoltz, C. F., and Welsh, assignors.)
 General Railway Signal Company. (See Wells, Robert F., assignor.)
 General Railway Signal Company. (See Wenholz, Walter W., assignor.)
 General Railway Signal Company. (See Whitehorn, Arthur R., assignor.)
 General Railway Signal Company. (See Wiegand, Frederick B., assignor.)
 General Railway Signal Company. (See Wight, Sedgwick N., assignor.)
 General Railway Signal Company. (See Wion, George H., assignor.)
 General Refractories Company. (See Heuer, Russell P., assignor.)
 General Refrigeration Corporation. (See Erbach, Fred R., assignor.)
 General Regulator Corporation. (See Faber, Guy S., assignor.)
 General Relief Company. (See Whelan, Dow W., assignor.)
 General Research Corporation. (See Lotts, Delbert L., assignor.)
 General Rubber Company. (See Cake, Wallace E., assignor.)
 General Rubber Company. (See McGavack, John, assignor.)
 General Salt Company. (See Bierbaum, Harry E., assignor.)
 General Spring Bumper Corporation. (See Douth, Owen, assignor.)
 General Spring Bumper Corporation. (See Fergusson, A. P., and Short, assignors.)
 General Spring Bumper Corporation. (See Jandus, Herbert S., assignor.)
 General Spring Bumper Corporation. (See Jandus, H. S., and Short, assignors.)
 General Spring Bumper Corporation. (See Short, Bladen M., assignor.)
 General Spring Bumper Corporation. (See Woolens, Leroy E., assignor.)
 General Steel Castings Corporation. (See Ainsworth, Thomas H., assignor.)
 General Steel Castings Corporation. (See Beckett, Edmund S., assignor.)
 General Steel Castings Corporation. (See Hallquist, Einar G., assignor.)
 General Steel Castings Corporation. (See Hallquist, E. G., and Krautheim, assignors.)
 General Steel Castings Corporation. (See Hallquist, E. G., and Locke, assignors.)
 General Steel Castings Corporation. (See Hallquist, E. G., and Sheehan, assignors.)
 General Steel Castings Corporation. (See Jackson, E. C., and Hallquist, assignors.)
 General Steel Castings Corporation. (See Krautheim, William C., assignor.)
 General Steel Castings Corporation. (See Pfleger, Harry M., assignor.)
 General Steel Castings Corporation. (See Prescott, Daniel C., assignor.)
 General Steel Castings Corporation. (See Shallenberger, C. S., Frede, and Hoblitzelle, assignors.)
 General Steel Castings Corporation. (See Sheehan, William M., assignor.)
 General Steel Castings Corporation. (See Sheehan, W. M., and Wintemberg, assignors.)
 General Steel Castings Corporation. (See Travilla, James C., Jr., assignor.)
 General Talking Pictures Corporation. (See de Forest, Lee, assignor.)
 General Timber Service, Inc. (See MacKenzie, Neal T., assignor.)
 General Tire & Rubber Company, The. (See Anderson, George W., assignor.)
 General Tire & Rubber Company, The. (See Breth, W. J., and Engler, assignors.)
 General Tire & Rubber Company, The. (See Cunningham, George R., assignor.)
 General Tire & Rubber Company, The. (See Kraft, Herman T., assignor.)
 General Tire & Rubber Company, The. (See Maranville, Alger G., assignor.)
 General Tire & Rubber Company, The. (See Maranville, Harvey F., assignor.)
 General Tire & Rubber Company, The. (See Schnedarek, E. F., and Smith, assignors.)
 General Transformer Corporation. (See Cole, Gerard M., assignor.)
 General Zeolite Co. (See Green, Walter H., assignor.)
 General Zeolite Co. (See Hughes, Walter J., assignor.)
 Gennat, Robert. (See Saemann, Franklin I., and F. I., Jr., and Gennat.)
 Genovar, William P., Jr., Poughkeepsie, N. Y. Cooking utensil. 2,014,931; Sept. 17.
 Genovese, Joseph, Great Neck, N. Y. Lifting jack. 1,987,529; Jan. 8.
 Gensburg, Louis W., Chicago, Ill. Game of skill. 1,992,658; Feb. 26.
 Gensburg, Louis W., Chicago, Ill. Game apparatus. 2,020,354; Nov. 12.
 Gensburg, Meyer, Chicago, Ill. Game apparatus. 1,992,659; Feb. 26.
 Gensburg, Myer, Chicago, Ill. Amusement game accessory. 1,992,660; Feb. 26.
 Gensburg, Myer, Chicago, Ill. Game apparatus. 2,003,356; June 4.
 Gensch, Karl. (See Keonemann, E. and Gensch.)
 Gensecke, Wilhelm, Gonzenheim, near Frankfurt-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Heat treatment of oils and fats, more particularly for the purpose of bleaching and hardening same. 2,003,076; May 28.
 Gensel, Herbert. (See Ott, K., Gensel, and Schüssler.)
 Gensel, Herbert, Cologne-Mulheim, and R. Bauer, Cologne-Dentz, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Process and agent for delustering textile materials. 1,990,864; Feb. 12.
 Genser Manufacturing Company. (See Goldenberg, Jonas, assignor.)
 Gensmer, Theodore, Portland, Oreg. Game. 2,009,256; July 23.
 Gent, Edgar W., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Flow meter. 2,024,571; Dec. 17.
 Genter, Albert L., Baltimore, Md. Sewage purification. 1,999,973; Apr. 30.

- Genter, Albert L., Baltimore, Md. Manufacturing multi-valent electrolytes and product. 2,010,756; Aug. 6.
- Gentil, Eugene, Paris, France, assignor to The American Bicherox Company, Wilmington, Del. Method of and apparatus for handling glass sheets. 1,988,892; Jan. 22.
- Gentile, Frank T., Brooklyn, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for driving tubes into heels. 2,022,763; Dec. 3.
- Gentili, Mario, Walla Walla, Wash. Internal combustion engine. 2,023,048; Dec. 3.
- Gentle, Benjamin F., et al. (See Ezell, Floy H., assignor.)
- Gentry, Elias R., Breckenridge, and J. R. Moss, Eastland, Tex.; said Moss assignor to said Gentry. Advertising display. 1,993,545; Mar. 5.
- Gentry, James P., Jr., Cleveland, assignor to Halsey W. Taylor, Warren, Ohio. Nonrefillable can and grease gun. 1,993,160; Mar. 5.
- Gentzel, Perry H., Newton, assignor to Crosby Steam Gate & Valve Co., Boston, Mass. Relief valve. 2,021,773; Nov. 19.
- Genuit, John W., Huntington Park, assignor to California Fruit Wrapping Mills, Inc., Pomona, Calif. Plant protector. 2,015,471; Sept. 24.
- Genung, Glenn E., Detroit, Mich. Tilt indicator. 1,995,919; Mar. 26.
- Genz, Frederick W., assignor to Virginia-Carolina Chemical Corporation, Richmond, Va. Simultaneous production of available phosphoric acid and available less common elements. 2,005,617; June 18.
- Genzman, Alex. (See Kluck, E., and Genzman.)
- Geoffrion, Arthur J., Brooklyn, N. Y. Clock dial. 2,011,517; Aug. 13.
- Geometric Tool Company, The. (See Breitenstein, Albert F., assignor.)
- Geometric Tool Company, The. (See Strickland, R. M., and Breitenstein, assignors.)
- Geophysical Research Corporation. (See Born, William T., assignor.)
- Geophysical Research Corporation. (See Owen, John E., assignor.)
- Geophysical Service, Inc. (See Polk, James V., assignor.)
- George, André, Paris, France. Device for supporting, driving, and presenting views, images, advertisements, and even articles. 1,988,893; Jan. 22.
- George, Anthony. (See Reed, R. F., Dorst, and George.)
- George, Beatrice G., Miami, Fla. Safety pin. 2,013,952; Sept. 10.
- George, Edwin S., Detroit, Mich. Air conditioning device. 1,993,159; Mar. 5.
- George, Enoch, Jr. (See Regan, W. J., and George, Jr.)
- George, Everett D. (See Riggs, H. E., and George.)
- George, Felix. (See Marcellitti, Pasquale, assignor.)
- George, Frank L., Glendale, Calif. Action for grand pianos. 2,021,449; Nov. 19.
- George, Henri, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Treating substances. 2,024,854; Dec. 17.
- George, Herbert, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,000,590; May 7.
- George Manufacturing Company. (See George, Robert H., assignor.)
- George, Ralph W., Riverhead, N. Y., assignor to Radio Corporation of America. Ultra short wave receiver. 2,011,942; Aug. 20.
- George, Robert H., assignor to George Manufacturing Company, Inc., Philadelphia, Pa. Cylinder cock. 2,002,450; May 21.
- George, Walter C., assignor to Robert Gaylord, Incorporated, St. Louis, Mo. Attachment for corrugating machines. 1,998,230; Apr. 16.
- Georgetown Manufacturing Company, The. (See Ukanavage, William J., assignor.)
- Georgi, Carl W. (See Dana, L. L., and Georgi.)
- Georgiev, Alexander, Brooklyn, N. Y., assignor to Aerovox Corporation. Electrolytic condenser or the like. 2,006,713; July 2.
- Georgiev, Alexander, Brooklyn, N. Y., assignor to Aerovox Corporation, Brooklyn, N. Y. Electrolytic cell. 2,017,835; Oct. 15.
- Gephardt, Laura M., Davenport, Iowa. Garment pocket. 2,013,847; Sept. 10.
- Gephart, Bruce O., Chicago, Ill. Fishing rod. 2,005,081; June 18.
- Gephart, Orvon P., Miamisburg, Ohio, assignor to Howard D. Meincke. Manufacture of calcium sulphates. 2,001,245; May 14.
- Gephart, Orvon P., Miamisburg, Ohio, assignor to Howard D. Meincke. Manufacture of paper. 2,001,246; May 14.
- Gephart, Starr, Long Island City, N. Y. Undergarment. 2,018,782; Oct. 29.
- Gephart, Valentine, Seattle, Wash. Mixing device. 1,991,148; Feb. 12.
- Geraghty, John P., deceased, Jersey City, N. J., John G. Flanigan, executor, Starting control system for automobile engines. 2,015,792; Oct. 1.
- Geraldson, Gerald, assignor to J. L. Case Company, Racine, Wis. Tractor cultivator. 2,013,629; Sept. 3.
- Gerard Company, The. (See Spoor, Ivan H., assignor.)
- Gerard, George A., assignor to Cotton-Wood Products, Inc., Reading, Mass. Method and apparatus for making sealed pads. 2,004,657; June 11.
- Gerard, George A., assignor to Cotton-Wood Products, Inc., Reading, Mass. Method and machine for making cushion pads. 2,004,658; June 11.
- Gerasch, Ernst, Magdeburg-Hopfengarten, assignor to Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg, Buckau, Germany. Grinding mill. 2,013,179; Sept. 3.
- Gerber, Arthur B., Anniston, Ala., assignor to Swann Research, Incorporated. Laundry sour composition and method. 1,989,312; Jan. 29.
- Gerber, John P., Muskegon, Mich., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Wire coating apparatus. 1,992,206; Feb. 26.
- Gerber, Richard A., Los Angeles, assignor of one-half to H. Michaels, Alhambra, Calif. Operating robe for patients. 1,998,051; Apr. 16.
- Gere, Clair M., Green Bay, Wis., assignor to Natural Cheese Corporation, Dover, Del. Mold for pressing airtight wrapped cheese. 1,992,821; Feb. 26.
- Gere, Rollin C., Abington, Pa., assignor to Sloane-Blabon Corporation, Trenton, N. J. Device for surface decoration. 1,996,916; Apr. 9.
- Gerencsér, George, Palisades Park, N. J. Shoe last. 1,991,386; Feb. 19.
- Gerer, Rudolph M., Milwaukee, Wis. Water heating means. 2,015,266; Sept. 24.
- Gerety, Edward J., New York, N. Y., assignor, by mesne assignments, to The McFee Company, Athens, Ohio. Writing board. 2,011,625; Aug. 20.
- Gergely, John, Detroit, Mich. Screwless plug. 2,023,834; Dec. 10.
- Gerhold, Guido, Vienna, Austria. Auxiliary keyboard. 2,014,432; Sept. 17.
- Gering, Louis W., Jr., Parma, Ohio. Making valves. 2,009,996; Aug. 6.
- Gerlach, Emil, assignor to Demag-Elektrostahl, Gesellschaft mit beschränkter Haftung, Dusseldorf, Germany. Apparatus for charging furnaces. 2,015,451; Sept. 24.
- Gerlach, Erwin, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Production of sound films according to the amplitude process. 1,995,976; Mar. 26.
- Gerlach, Richard G., Philadelphia, Pa. Removing carbon deposits from engine parts. 2,006,636; July 2.
- Gerlach, William G., Oakland, Calif. Course and distance indicator. 1,991,665; Feb. 19.
- Gerlat, Adolph E., A. C. Hoppe, and A. F. Pieper, Milwaukee, Wis. Rotary internal combustion engine. 1,999,187; Apr. 30.
- Gerlich, Adolph, Waukegan, Ill. Valve mechanism. 1,998,080; Apr. 16.
- Gerlich, Adolph, Waukegan, Ill. Valve mechanism. 1,998,081; Apr. 16.
- Gerlich, Hermann E. G. T., Bexley, Kent, England. Rifling machine. 2,003,185; May 28.
- Gerline, Otto, Kalamazoo, Mich. Fish pole holder. 1,985,985; Jan. 1.
- Gerlinger, Carl F., Dallas, Oreg. Engine spark extinguisher. 2,002,027; May 21.
- Gerlinger, Carl F., Dallas, Oreg. Fire box of oil burning locomotives. 2,002,028; May 21.
- Gerlinger, Carl F., Dallas, Oreg. Door for fireboxes of oil burning locomotives. 2,002,029; May 21.
- Gerlofson, Carl H., and T. J. Nelson, Chicago, Ill. Cushion. 2,012,042; Aug. 20.
- Germ, Victor F. (See Rhodes, Henry G., assignor.)
- Germain, Ernest, Montreal, Quebec, Canada. Automobile antiglare lighting system. 1,988,894; Jan. 22.
- Germain Manufacturing Company. (See Campbell, Stanley E., assignor.)
- German, Abraham J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Securing tubes in tube sheets and article produced thereby. 1,988,418; Jan. 15.
- German, Arthur J., Detroit, assignor to Alger R. Reno, River Rouge, Mich. Plumbing flushing device. 1,988,198; Jan. 15.
- Germandt, Albert F. O., assignor to S. M. A. Corporation, Cleveland, Ohio. Vitamin containing material. 1,988,969; Jan. 22.
- Germann, Emil. (See Andrussov, L., and Germann.)
- Germann, Emil. (See Kuss, E., and Germann.)
- Germer, Edmund. (See Spanner, H. J., and Germer.)
- Germond, Hallett H., Madison, assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Indicating vibrations in machinery and the like. 2,009,997; Aug. 6.
- Germundson, Agne K. H., assignor to Aktiebolaget Sparuret, Stockholm, Sweden. Mechanical calendar. 1,996,701; Apr. 2.
- Gerna, Candido, assignor of fifty-two per cent to F. Hansen, Jr., and D. D. Hansen, Los Angeles, Calif. Closure device. 1,998,569; Apr. 23.
- Gernandt, Waldo G., Hayward, Calif. Internal combustion engine. 1,986,674; Jan. 1.
- Gerngross, Otto, Berlin-Grünwald, and H. Christ, Berlin-Niederschöneweide, Germany. Method of and apparatus for reinforcing the margins of paper. 1,997,189; Apr. 9.
- Gerondale, John J., Stephenson, Mich. Decorative apparatus. 1,999,005; Apr. 23.
- Gerrard, Charles W. G. (See Hitchins, C. F., and Gerrard.)
- Gerrard Company, The. (See Marshall, Roy E., assignor.)
- Gerrard Company, The. (See Spoor, Ivan H., assignor.)

- Gerrard, Sidney, and F. E. Payne, said Gerrard assignor to Crane Packing Company, Chicago, Ill. Drain valve mechanism. 1,995,174; Mar. 19.
- Gerritsen, Dirk J. (See de Nooij, J. C., and Gerritsen.)
- Gerry, Elbridge H. (See Kent, H. W., Gerry, and Currier.)
- Gerst, Christopher, Detroit, Mich. Speed change mechanism. 2,009,133; July 23.
- Gerspacher, Henry, Cleveland, Ohio. Heater. 2,026,031; Dec. 31.
- Gerstein, Harry. (See Gardner, P., and Gerstein.)
- Gerstein, Harry, Queens, and A. Auerbach, Ozone Park, N. Y. Sealing device. 2,009,613; July 30.
- Gerstein, Hyman, Hartford, Conn. Emergency link. 2,001,606; May 14.
- Gerstenberg, Aage, Frederiksberg, near Copenhagen, Denmark. Coating apparatus. 1,993,055; Mar. 5.
- Gerstung, George W. (See Harrison, C. A., and Gerstung.)
- Gerth, Max M. (See Near, H. B., Pacini, Crosley, Gerth, Breidigam, and Kelly.)
- Gertiser, Frank M., Detroit, Mich., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,024,283; Dec. 17.
- Gervais, Leo J. (See Young, Charles M., assignor.)
- Gesellschaft des achten Naxos-Schmirls Naxos-Union Schmirl-Dampfwerk Frankfurt a. m. Julius Pfungst. (See Grundstein, Julius, assignor.)
- Gesellschaft für Drucktransformatoren (Koenemann-Transformatoren) G. m. b. H. (See Koenemann, E., and Gensch, assignors.)
- Gesellschaft für Elektrische Apparate m. b. H. (See Boykow, Johann M., assignor.)
- Gesellschaft für Kohlentchnik mit beschränkter Haftung. (See Klempert, Walter, assignor.)
- Gessford, Ross K., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Flashing apparatus. 2,006,737; July 2.
- Gessler, Harry C., Brooklyn, N. Y. Cafeteria table appliance. 1,986,262; Jan. 1.
- Gessler, Harry C., Brooklyn, N. Y. Paper napkin dispenser carton. 2,011,403; Aug. 13.
- Gessler, Harry C., Brooklyn, N. Y. Sugar dispenser. 2,013,440; Sept. 3.
- Gessner, David, Worcester, Mass. Vacuum extractor. 2,001,417; May 14.
- Gessner, David, Worcester, Mass. Machine for moistening cloth. 2,017,455; Oct. 15.
- Gessner, Ernst, Aktiengesellschaft. (See Wenzel, Emil, assignor.)
- Gest, Henry. (See Crosley, P. J., and Gest.)
- Getaz, James L., Maryville, Tenn., assignor to Scott & Williams, Incorporated, New York, N. Y. Hosiery. 2,009,294; July 23.
- Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electrical resistance unit for overload relays, etc. 1,996,720; Apr. 2.
- Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electromagnetic device. 1,998,810; Apr. 23.
- Getchell, Raymond E., assignor to B. F. Perkins & Son, Inc., Holyoke, Mass. Twisting mechanism. 2,011,481; Aug. 13.
- Gette, John O., Jr., Yonkers, N. Y. Compressor and supercharger. 1,994,245; Mar. 12.
- Gettemuller, George D., Bridgeton, N. J., and S. I. Goldhelm, Baltimore, Md. Shaving preparation. 1,991,501; Feb. 19.
- Gettinger, Joseph, Detroit, Mich. Television apparatus and system. 1,998,231; Apr. 16.
- Getty, Fred I., Jennings, La. Steering wheel circuit closer. 2,025,976; Dec. 31.
- Getty, Fred I., Jennings, La. Circuit closer for steering wheels. 2,025,977; Dec. 31.
- Getty, Fred I., Jennings, La. Electric switch. 2,025,978; Dec. 31.
- Getty, Fred I., Jennings, La. Circuit closer for steering wheels. 2,025,979; Dec. 31.
- Getty, Fred I., Jennings, La. Circuit closer for steering wheels. 2,025,980; Dec. 31.
- Getty, Fred I., Jennings, La. Multiple circuit closer for steering wheels. 2,025,981; Dec. 31.
- Gettys, William M., Greeley, Colo. Power take-off control. 2,024,213; Dec. 17.
- Getz, George. (See Greco, R., Getz, and Marino.)
- Getz, Vernon C., Philadelphia, Pa. Dental floss applicator. 2,013,143; Sept. 3.
- Getzen, John E., Birmingham, Ala., assignor to F. C. Fantz, Webster Groves, Mo. Return bend. 2,024,572; Dec. 17.
- Geyer, Adam, assignor to Queens Machine Corporation, Brooklyn, N. Y. Racking mechanism for knitting machines. 2,012,504; Aug. 27.
- Geyer, Arthur N., Seattle, Wash. Speed control. 1,998,005; Apr. 16.
- Geyer, Blanche M., executrix. (See Geyer, John F.)
- Geyer, Franz, assignor to "Elin" Aktiengesellschaft für elektrische Industrie, Vienna, Austria. Air-circuiting of glass bulb rectifiers. 2,005,031; June 18.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Spring clip for multiple leaf springs. 1,987,189; Jan. 8.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Flexible metal freezing tray. 1,988,117; Jan. 15.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Running board. 1,991,739; Feb. 19.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Flexible rubber coupling. 1,992,528; Feb. 26.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Running board mat for automobiles. 1,998,366; Apr. 16.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Antisquawk body bracket. 2,009,614; July 30.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Storage battery container. 2,024,637; Dec. 17.
- Geyer, Harvey D., and F. W. Sampson, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Freezing tray. 2,004,525; June 11.
- Geyer, John F., deceased, by B. M. Geyer, executrix, Willow Grove, assignor to The Filler Machine Company, Incorporated, Philadelphia, Pa. Capping mechanism. 1,989,039; Jan. 22.
- Geyer, John F., deceased, by B. M. Geyer, executrix, Willow Grove, assignor to The Filler Machine Company, Incorporated, Philadelphia, Pa. Filling machine. 1,993,367; Mar. 5.
- Geyer, William O., Bloomfield, N. J. Chemical apparatus. 1,993,001; Mar. 5.
- Geyser, Frank R., New York, N. Y. Heating device. 2,022,662; Dec. 3.
- Ghazal, Elie A., Northampton, Mass. Automobile windshield guard. 1,989,592; Jan. 29.
- Ghiardi, Hans, assignor to Societe Anonyme Adolphe Saurer, Arbon, Switzerland. Machine for punching jacquard cards. 2,023,881; Dec. 10.
- Ghislain, Jean, Downey, Calif. Sprinkler. 2,016,743; Oct. 8.
- Giachetti, Alberto, Rome, Italy. Cable-laying apparatus. 1,995,473; Mar. 26.
- Giachino, Ezio, Brussels, Belgium. Machine for forging hollow metal blanks. 2,017,310; Oct. 15.
- Gialmo, Charles V., Irvington, N. J., assignor to The Lionel Corporation, New York, N. Y. Circuit breaker. 2,003,686; June 4.
- Giambertoni, Andrea, Milan, Italy. Vacuum cleaner. 2,018,207; Oct. 22.
- Gianini, Carlo, assignor to Compagnia Nazionale Aeronautica, Rome Italy. Radial internal combustion engine. 1,992,864; Feb. 26.
- Giannasca, Ettore, New York, N. Y. Dog basket. 2,016,005; Oct. 1.
- Gianoli, Marcel L., Neuilly-sur-Seine, France. Automatic stabilizer for vehicles. 2,001,607; May 14.
- Giant Grip Manufacturing Company. (See Akerberg, Carl G., assignor.)
- Giarnese, August, Torrington, Conn. Quick priming and ignition attachment for oil burners. 2,023,169; Dec. 3.
- Gibb, Claude D. (See Bedford, F. G. H., and Gibb.)
- Gibb, Donald L. (See Collings, W. R., and Gibb.)
- Gibb-Lewis Company. (See Schultz, Karl, assignor.)
- Gibbes, Frank T., et al. (See Oksenholt, Jens N., assignor.)
- Gibbins, Leslie B. (See Taylor, W. I., and Gibbins.)
- Gibbon, Sam H., assignor to one-half to Steel Brothers & Company, Limited, London, England. Treatment of rice, rice offals or paddy, and the like. 2,021,721; Nov. 19.
- Gibbons Brothers Limited. (See Bridgford, Thomas E., assignor.)
- Gibbons, Michael J., New Orleans, La. Shaker cap. 2,024,920; Dec. 17.
- Gibbons, Thomas, Walkerville, Ontario, Canada. Automatic ride control for motor driven vehicles. 1,997,414; Apr. 9.
- Gibbons, Willis A., Montclair, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Improving the properties of rubber and product. 1,995,847; Mar. 26.
- Gibbons, Willis A., Montclair, and E. G. Sturdevant, Pascale, N. J., assignors to Revere Rubber Company, Providence, R. I. Making an article comprising a continuous length of rubber. 1,986,106; Jan. 1.
- Gibbons, Willis A., Great Neck, and O. H. Smith, assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Production of styrol from ethyl benzol. 1,997,967; Apr. 16.
- Gibbs, Carroll H., Springfield, Mass. Beating-up line position indicator for looms. 2,001,061; May 14.
- Gibbs, Charles H., assignor of twenty-five sixty-fourths to R. A. Privett, two thirty-seconds to (Mrs.) T. Stadler, six thirty-seconds to B. T. Cross, one sixty-fourth to W. F. Sperber, and one thirty-second to H. H. Robinson and R. S. Robinson, joint tenants, Long Beach, Calif. Inlay paving marker. 2,013,406; Sept. 3.
- Gibbs, Charles H., assignor of one thirty-second to H. H. Robinson, and R. S. Robinson, joint tenants, six thirty-seconds to B. T. Cross, two thirty-seconds to (Mrs.) T. Stadler, twenty-five sixty-fourth to R. A. Privett, and one sixty-fourth to W. F. Sperber, Long Beach, Calif. Slip form paving marker. 2,013,407; Sept. 3.
- Gibbs, Edward F. G., Detroit, Mich. Ball bearing center. 2,006,801; July 2.

- Gibbs, George J., Preston, England. Apparatus for the measurement by volume of delivered quantities of liquids. 2,006,135; June 25.
- Gibbs, Harold L., Salt Lake City, Utah. Extraction of values from ores. 1,999,807; Apr. 30.
- Gibbs, John C., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Method and device for making closure caps. 2,010,228; Aug. 6.
- Gibbs, John H., assignor to Dennison Manufacturing Company, Framingham, Mass. Decorative paper. 2,007,047; July 2.
- Gibbs, Lloyd T. (See Riney, A. H., and Gibbs.)
- Gibbs, Norman B., Port Angeles, Wash. Automatic control for paper machine driers. 2,020,056; Nov. 5.
- Gibbs, Ralph F., Norton, Mass., assignor to The Improved Seamless Wire Company, Providence, R. I. Thermostatic material and manufacture thereof. 1,996,721; Apr. 2.
- Gibbs, Robert H., Floral Park, N. Y., assignor of one-half to M. Blake, Garden City, N. Y. Valve construction. 2,019,257; Oct. 29.
- Gibbs, William E., Portland, Oreg. Saw tooth. 2,024,520; Dec. 17.
- Gibney, Joseph W., assignor to Russell, Burdsall & Ward Bolt & Nut Company, Port Chester, N. Y. Manufacture of nuts. 1,993,137; Mar. 5.
- Gibraltar Corrugated Paper Co. Inc. (See Katz, Samuel, assignor.)
- Gibraltar Corrugated Paper Co. Inc. (See Snyder, Willis O., assignor.)
- Gibson, A. C., Company. (See Gibson, Edward D., assignor.)
- Gibson, Ansel B., Weston, Ontario, Canada. Automatic weighing machine. 1,990,068; Feb. 5.
- Gibson, Carl W., assignor to The Webster Engineering Company, Tulsa, Okla. Fluid heating apparatus. 2,017,243; Oct. 15.
- Gibson, Charles H., L. E. Downs, and C. J. Fuse, Richmond, Va., assignors to The American Tobacco Company, New York, N. Y. Cigarette wrapper cutting machine. 2,002,142; May 21.
- Gibson, Edward D., assignor to A. C. Gibson Company, Buffalo, N. Y. Duplicate bill stamper and cutter. 1,999,992; Apr. 30.
- Gibson Electric Refrigerator Corp. (See Rosebrook, Homer E., assignor.)
- Gibson Electric Refrigerator Corporation. (See Sexton, Irvin J., assignor.)
- Gibson Electric Refrigerator Corporation. (See Touborg, Jens, assignor.)
- Gibson Electric Refrigerator Corporation. (See Touborg, J., and Jacobsen, assignors.)
- Gibson Electric Refrigerator Corporation. (See Touborg, J., and Rosebrook, assignors.)
- Gibson, Francis W., West Roxbury, Mass. Amusement apparatus. 2,019,302; Oct. 29.
- Gibson, George W. (See Lane, H., and Gibson.)
- Gibson, Guy T., Incorporated. (See Schaller, Maurice A., assignor.)
- Gibson, Harvey C., Columbia, Pa. Confection. 2,004,863; June 11.
- Gibson, J. Lowell, assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,988,549; Jan. 22.
- Gibson, J. Lowell, and W. G. Winkler, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,022,764; Dec. 3.
- Gibson, J. Ralph. (See Woyna, B. A., assignor, and Murray.)
- Gibson, Jesse G., assignor of fifty-one per cent to Bradford Supply Company, Bradford, Pa. Power mechanism. 2,019,670; Nov. 5.
- Gibson, John H., assignor to The Weaver-Wall Company, Cleveland, Ohio. Building corner construction and units therefor. 2,005,462; June 18.
- Gibson, Josiah, Glendale, Calif. Building structure. 2,017,899; Oct. 22.
- Gibson, Noah M., et al. (See Marshall, James H., assignor.)
- Gibson, Oliver E. (See Heeren, A. A., and Gibson.)
- Gibson, Oliver E. (See Manske, F. A., and Gibson.)
- Gibson, Oliver E., and C. S. Strom, assignors to United States Gypsum Company, Chicago, Ill. Ceiling construction. 1,997,580; Apr. 16.
- Gibson Refrigerator Company. (See Smith, Russell T., assignor.)
- Gibson, Robert J., Tollygunge, Calcutta, British India. Steel shaft for golf clubs. 2,023,131; Dec. 3.
- Gibson, Thomas M., assignor to Evans Case Company, North Attleboro, Mass. Igniter element. 1,994,390; Mar. 12.
- Gibson, Thomas M., assignor to Evans Case Company, North Attleboro, Mass. Lighter mechanism. 2,019,436; Oct. 29.
- Gibson, W. D., Co. (See Troendly, Harry P., assignor.)
- Gibson, Wm. D., Company, The. (See Troendly, Harry P., assignor.)
- Gibson, William R. (See Scott-Snell, E., and Gibson.)
- Gibson, William, & Son, Limited. (See Simpson, Harold W., assignor.)
- Giddings, Horace, San Francisco, Calif. Refrigerator car. 1,991,740; Feb. 19.
- Giddings, Horace, San Francisco, Calif. Precooling apparatus for refrigerator cars. 1,991,741; Feb. 19.
- Giddings & Lewis Machine Tool Co. (See Gallimore, Keith F., assignor.)
- Giddings & Lewis Machine Tool Co. (See Rutz, W. E., and Woytych, assignors.)
- Giddings & Lewis Machine Tool Co. (See Woytych, Raymond M., assignor.)
- Gidlund, Eric O., assignor to St. Paul Foundry Company, St. Paul, Minn. Lock. 1,989,137; Jan. 29.
- Gidney, Claud W., assignor of one-tenth to C. M. Matthews, and one-third to E. G. Hewitt, Los Angeles, Calif. Roll top stocking garter. 1,995,261; Mar. 19.
- Giebel, August J., Detroit, Mich. Reflector device. 2,016,546; Oct. 8.
- Giertsens, Oyvind N. (See Hampton, L. N., and Giertsens.)
- Giertsens, Oyvind N., Bloomfield, N. J., and L. N. Tampton, New York, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone plug cleaning machine. 2,008,276; July 16.
- Giertz-Hedström, Stig. (See Werner, D. R. E., Gieritz-Hedström, and Stålhane.)
- Giese, August F., Jr., Gary, Ind. Clay gun. 1,989,799; Feb. 5.
- Gieseler, Kurt, Breslau, assignor to Oberschlesischer Berg-und Hüttenmännischer Verein E. V., Gleiwitz, Germany. Method for the obtention of phenols from coal tars and lignite tars. 2,016,633; Oct. 8.
- Gieskieng, Marion W., Denver, Colo., assignor to Radio Corporation of America, New York, N. Y. Telephony. 2,002,942; May 28.
- Giesl-Gieslingen, Adolf, New York, N. Y. Locomotive draft appliance. 1,998,006 Apr. 16.
- Giesl-Gieslingen, Adolf, New York, N. Y. Locomotive. 1,998,007; Apr. 16.
- Giesl-Gieslingen, Adolf, New York, N. Y. Locomotive draft appliance. 1,998,008; Apr. 16.
- Giesl-Gieslingen, Adolf, New York, N. Y. Locomotive exhaust. 1,998,009; Apr. 16.
- Giesler, Jean V., assignor to The Fulton Syphon Company, Knoxville, Tenn. Method and apparatus for manufacturing corrugated walls. 2,006,691; July 2.
- Giesler, Jean V., Knoxville, Tenn., and W. B. Mackintosh, Youngwood, Pa., assignors to The Fulton Syphon Company, Knoxville, Tenn. Temperature regulator. 2,019,962; Nov. 5.
- Gietmann, Anton, Dusseldorf, assignor to Rheinische Metallwaren- und Maschinenfabrik, Dusseldorf-Derendorf, Germany. Fuse setting apparatus. 1,996,702; Apr. 2.
- Gietmann, Anton, assignor to Rheinische Metallwaren- und Maschinenfabrik, Dusseldorf-Derendorf, Germany. Machine for setting projectile fuses. 1,997,516; Apr. 9.
- Gietmann, Anton, assignor to Rheinische Metallwaren- und Maschinenfabrik, Dusseldorf-Derendorf, Germany. Automatic fuze setting apparatus. 2,002,056; May 21.
- Gietmann, Anton, Dusseldorf, assignor to Rheinische Metallwaren- und Maschinenfabrik, Dusseldorf-Derendorf, Germany. Fuse setting machine. 2,009,313; July 23.
- Giffin, Otho L., Auburn, assignor to Johnson Steel & Wire Company, Inc., Worcester, Mass. Grinding machine. 1,998,755; Apr. 23.
- Gifford, Wallace L., Salem, assignor to Submarine Signal Company, Boston, Mass. Submarine signaling apparatus. 2,024,214; Dec. 17.
- Gifford-Wood Company. (See Towne, Willis H., assignor.)
- Gilbert, A. C., Company, The. (See Gilbert, Alfred C., assignor.)
- Gilbert, A. C., Company, The. (See Gilbert, A. C., and Arnold, assignors.)
- Gilbert, A. C., Company, The. (See Gilbert, A. C., and Lanz, assignors.)
- Gilbert, A. C., Company, The. (See Gilbert, A. C., and McLoughlin, assignors.)
- Gilbert, A. C., Company, The. (See Gilbert, A. C., and Morse, assignors.)
- Gilbert, A. C., Company, The. (See Lanz, John, assignor.)
- Gilbert, A. C., Company, The. (See McLoughlin, James E., assignor.)
- Gilbert, A. C., Company, The. (See Mordt, Erik J., assignor.)
- Gilbert, Alfred C., North Haven, assignor to The A. C. Gilbert Company, New Haven, Conn. Truck for toy locomotive. 2,003,258; May 28.
- Gilbert, Alfred C., North Haven, assignor to The A. C. Gilbert Company, New Haven, Conn. Heating pad. 2,003,830; June 4.
- Gilbert, Alfred C., North Haven, assignor to The A. C. Gilbert Company, New Haven, Conn. Mixing apparatus. 2,003,931; June 4.
- Gilbert, Alfred C., and J. El. McLoughlin, assignors to The A. C. Gilbert Company, New Haven, Conn. Constructional toy. 1,996,722; Apr. 2.
- Gilbert, Alfred C., North Haven, and A. A. Arnold, New Haven, assignors to The A. C. Gilbert Company, New Haven, Conn. Kitchen utility device. 2,003,259; May 28.
- Gilbert, Alfred C., North Haven, and A. A. Arnold, assignors to The A. C. Gilbert Company, New Haven, Conn. Mixing apparatus. 2,003,829; June 4.
- Gilbert, Alfred C., North Haven, and A. A. Arnold, assignors to The A. C. Gilbert Company, New Haven, Conn. Beverage mixer. 2,007,299; July 9.
- Gilbert, Alfred C., North Haven, and S. P. Morse, East Haven, assignors to The A. C. Gilbert Company, New Haven, Conn. Kitchen utility device. 2,007,300; July 9.

- Gilbert, Alfred C., Hamden, and J. Lanz, New Haven, Conn., assignors to The A. C. Gilbert Company, New Haven, Conn. Air impeller. 2,022,417; Nov. 26.
- Gilbert, Alfred G. (See Dixon, Walter L. and Gilbert.)
- Gilbert & Barker Manufacturing Company. (See DeLancey, Warren H., assignor.)
- Gilbert & Barker Manufacturing Company. (See Elliot, D. C., and DeLancey, assignors.)
- Gilbert & Barker Manufacturing Company. (See Logan, Joseph A., assignor.)
- Gilbert & Barker Manufacturing Company. (See Logan, J. A., and DeLancey, assignors.)
- Gilbert & Barker Manufacturing Company. (See Nest, R. E., and Elliot, assignors.)
- Gilbert & Barker Manufacturing Company. (See Ramsdell, C. C., and Elliot, assignors.)
- Gilbert & Barker Manufacturing Company. (See Shaw, B. E., and DeLancey, assignors.)
- Gilbert & Barker Manufacturing Company. (See Shaw, B. E., and Nest, assignors.)
- Gilbert & Barker Manufacturing Company. (See Spear, Leolyn F., assignor.)
- Gilbert & Barker Manufacturing Company. (See Spear, L. F., and Duemler, assignors.)
- Gilbert, Brunson E. (See Koppelman, M., and Gilbert.)
- Gilbert, Carl B., South Amboy, N. J., assignor to Hercules Powder Company, Wilmington, Del. Lacquer, enamel, base solution and the like. 2,008,641; July 16.
- Gilbert, Charles E., New York, N. Y. Electrical connector plug. 2,012,627; Aug. 27.
- Gilbert, Charles E., New York, N. Y. Electrical connector plug. 2,019,532; Nov. 5.
- Gilbert, Charles T., Saginaw, Mich., assignor to National Washboard Company, Chicago, Ill. Washboard. 1,987,232; Jan. 8.
- Gilbert, Charles T., Saginaw, Mich., assignor to National Washboard Company, Chicago, Ill. Washboard. 2,000,943; May 14.
- Gilbert, Chester G., Washington, D. C., assignor to Research Corporation, New York, N. Y. Spherulizing fusible pulverizable filler materials. 1,995,803; Mar. 26.
- Gilbert, Chester G., Washington, D. C., assignor to Research Corporation, New York, N. Y. Portland cement product. 2,001,608; May 14.
- Gilbert, Chester G., Washington, D. C., assignor, by mesne assignments, to P. C. Choate, Essex, Mass. Reacting caustic lime with gypsum. 2,021,412; Nov. 19.
- Gilbert, Edward L., Fort Bayard, New Mex. Single sleeve valve engine. 2,004,693; June 11.
- Gilbert, Harold H., Mount Clemens, and John R. Replogle, Detroit, assignors, by mesne assignments, to Copeland Refrigeration Corporation, Mount Clemens, Mich. Refrigerator article receptacle. 2,000,944; May 14.
- Gilbert, Harvey N., Niagara Falls, N. Y., assignor to The E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del. Manufacture of alkali metal cyanides. 2,015,668; Oct. 1.
- Gilbert, Harvey N., and J. S. Reichert, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Stabilizing hydrogen peroxide solutions with pyrophosphoric acid plus a tin compound. 2,004,809; June 11.
- Gilbert, John J., Douglaston, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine signaling cable. 2,012,126; Aug. 20.
- Gilbert, John J., Douglaston, N. Y., and F. S. Malm, Chicago, Ill., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable conductor impregnating material and its production. 1,988,005; Jan. 15.
- Gilbert, Kennon R. (See Studley, O. A., and Gilbert.)
- Gilbert, Leo A. (See Abbott, C. C., and Gilbert.)
- Gilbert, Paul, Waupun, Wis. Flt form drier. 2,022,594; Nov. 26.
- Gilbert, Roswell W., Neshanic, N. J. Potentiometric indicator. 2,011,315; Aug. 13.
- Gilbert, William F. (See Paparello, Louis, assignor.)
- Gilbert, William L., Clock Company. (See Jauch, Christian, assignor.)
- Gilbert, William N., Hudson Heights, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Scale base system. 2,000,168; May 7.
- Gilbert, William N., Hudson Heights, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Scale. 2,016,714; Oct. 8.
- Gilbert, William N., Hudson Heights, N. J., and C. B. Haskins, Dayton, Ohio, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Counting scale. 1,994,512; Mar. 19.
- Gilbert, William N., Hudson Heights, N. J., and W. Gumprecht, Binghamton, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Scale device. 2,013,539; Sept. 3.
- Gilbertson, Dena, Milwaukee, Wis. Quack grass destroyer. 2,007,646; July 9.
- Glechrist, William A., Chicago, Ill. Apparatus for clarification. 2,003,357; June 4.
- Giles, Harvey, Brooklyn, assignor to Collier Advertising Service, Inc., New York, N. Y. Coin register. 1,986,771; Jan. 1.
- Gilkerson, James F., Milwaukee, Wis., deceased, assignor, by decree of distribution, to M. A. Gilkerson. Forepart filler for shoes. 1,996,917; Apr. 9.
- Gilkerson, Margaret A. (See Gilkerson, James F., assignor.)
- Gillasso, Louis, New York, N. Y. Diving and life saving platform. 1,994,640; Mar. 19.
- Gillasso, Louis, New York, N. Y. Seat or cover lifter. 2,011,404; Aug. 13.
- Gillasso, Louis, New York, N. Y. Tree protection. 2,011,405; Aug. 13.
- Gill, Charles C., V. L. Julian, J. W. McIlwraith, Elwood, and C. F. Rutledge, Hartford City, Ind., assignors of one-half to said McIlwraith and one-half to said Rutledge. Folding sectional door. 2,020,544; Nov. 12.
- Gill, Claude W., et al. (See Humphrey, Joseph B., assignor.)
- Gill, Elbridge B., and G. O. Danielson, Oklahoma City, Okla. Vibration absorber. 2,025,100; Dec. 24.
- Gill, Ernest W. B., Merton College, Oxford, England, assignor to Radio Corporation of America. Electrical oscillation generator. 1,995,175; Mar. 19.
- Gill, Ernest W. B., Merton College, Oxford, England, assignor to Radio Corporation of America. Thermionic valve. 1,995,848; Mar. 26.
- Gill, Ernest W. B., Oxford, England, assignor to Radio Corporation of America. Short wave oscillation generator. 1,997,053; Apr. 9.
- Gill, Ferdinand A., Chicago, Ill. Solar ray apparatus. 1,993,213; Mar. 5.
- Gill, Forest P., Kansas City, Mo. Sign. 2,018,208; Oct. 22.
- Gill Glass & Fixture Company. (See Orth, Richard, assignor.)
- Gill Glass & Fixture Company. (See Register, Ramsay G., assignor.)
- Gill, Rose. (See Mahaffey, Oliver, assignor.)
- Gill, Stephen F., Philadelphia, Pa. Shade or curtain fixture. 1,996,615; Apr. 2.
- Gill, Sydney C., and S. Dallaway, London, England. Display device. 1,988,311; Jan. 15.
- Gill, Sydney C., and S. Dallaway, London, England. Display device. 1,993,836; Mar. 12.
- Gillatt, Ollie, Washington, assignor to Vincennes Packing Corporation, Vincennes, Ind. Apparatus for producing tomato products. 1,989,231; Jan. 29.
- Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Gear train release. 2,021,413; Nov. 19.
- Gille, Willis H., St. Paul, and G. D. Bower, Columbia Heights, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Geared control mechanism. 2,019,671; Nov. 5.
- Gilleland, Samuel G., Parsons, Kans. Heating drum. 2,015,793; Oct. 1.
- Gillen, Daniel A., Flushing, N. Y. Cushion cap. 2,012,872; Aug. 27.
- Gillen, Daniel A., Flushing, N. Y. Manual and automatic safety gas appliance. 2,012,873; Aug. 27.
- Gillen, George A., Bronx, assignor to Gil-Stick Corporation, New York, N. Y. Motor starting apparatus. 1,989,052; Jan. 22.
- Gillen, George M., Paterson, and W. H. Packer, Wyckoff, N. J. Bottle closure. 2,018,061; Oct. 22.
- Gillen, Phillip J., Greenwood, Mass. Track tool. 2,016,326; Oct. 8.
- Giller, Fritz, and L. Friederich, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Gas purifying mass. 2,008,953; July 23.
- Gilles, Aloysius J., Evansville, Ind. Cutting implement. 1,988,379; Jan. 15.
- Gilles, Gustave A. (See Pizza, T., and Giles.)
- Gillespie Auto Laundry System, Inc. (See Silverman, Samuel J., assignor.)
- Gillespie Auto Laundry System, Inc. (See Smallhouse, Albert A., assignor.)
- Gillespie, Glenn C., Pontiac, Mich. Camera. 1,990,181; Feb. 5.
- Gillespie, Grady. (See Price, Nathan H., assignor.)
- Gillespie, Robert E., Springfield, Mo. Vehicle direction signal. 2,017,798; Oct. 15.
- Gillet, Alexis F., assignor to Jubilee Manufacturing Co., Omaha, Neb., warning signal. 2,003,505; June 4.
- Gillet, James M., Evanston, Ill., assignor to Victor Chemical Works. Treating water. 2,004,694; June 11.
- Gillett, Horace W., assignor to The Battelle Memorial Institute, Columbus, Ohio. Bearing structure. 2,006,859; July 2.
- Gillett, Horace W., and A. W. MacLaren, Columbus, Ohio. Nozzle. 1,988,432; Jan. 15.
- Gillett, Thomas R. (See Holven, A. L., and Gillett.)
- Gillette, Claude S., United States Navy, and H. B. Gregory, Washington, D. C. Vibration-proof pipe joint. 2,024,215; Dec. 17.
- Gillette, Edward P., assignor to Gillette Research Corporation, Toledo, Ohio. Material discharge apparatus. 2,019,963; Nov. 5.
- Gillette, Leslie S., Rye, assignor to U. S. Industrial Alcohol Co., New York, N. Y. Holder for advertising material. 2,015,028; Sept. 17.
- Gillette Research Corporation. (See Gillette, E. P., assignor.)
- Gillette, Robert T., Scotia, N. Y., assignor to General Electric Company. Mandrel. 2,004,787; June 11.
- Gillette Safety Razor Company. (See Friedman, Morton A., assignor.)

- Gillette Safety Razor Company. (See Gaisman, Henry J., assignor.)
- Gillette Safety Razor Company. (See Lambert, Gerard B., assignor.)
- Gillette Safety Razor Company. (See McWilliams, Joseph E., assignor.)
- Gillette Safety Razor Company. (See Muros, Joseph, assignor.)
- Gillette Safety Razor Company. (See Roth, Otto, assignor.)
- Gillette Safety Razor Company. (See Testi, Nicholas, assignor.)
- Gilliland, Francis W., Dunkerton, Iowa. Bean harvester. 1,996,239; Apr. 2.
- Gilligan, George H., assignor to U. S. Ring Traveler Company, Providence, R. I. Spinning or twisting device. 2,017,620; Oct. 15.
- Gilliland, Elias W., and S. D. Price, assignors to Mine Safety Appliances Company, Pittsburgh, Pa. Method of and apparatus for quantitative gas analysis. 1,992,747; Feb. 26.
- Gilliland, Walter, et al. (See McConnell, James M., Jr., assignor.)
- Gillis, Kenneth C., et al. (See Anthony, Felix M., assignor.)
- Gillmor, Reginald E., Stamford, Conn. Gyroscope and gyroscopic compass. 1,986,807; Jan. 8.
- Gillmor, Reginald E., Great Neck, N. Y. Ball gyro horizon. 1,988,591; Jan. 22.
- Gillner, Otto M., Rockville Centre, N. Y. Device for moistening gummed surfaces. 2,012,604; Aug. 27.
- Gillson, Raymond L., Cincinnati, Ohio. Manifolding means for typewriters. 2,011,104; Aug. 13.
- Gillum, Samuel C. (See Henson, C. A., and Gillum.)
- Gilman, Charles S., Brooklyn, N. Y. Envelope sealing device. 1,996,289; Apr. 3.
- Gilman Fanfold Corporation. (See Mahon, Carl R., assignor.)
- Gilman, George P., assignor to Rotary Seal Company, Chicago, Ill. Seal for rotating shafts. 2,025,279; Dec. 24.
- Gilman, Norman H., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Speed reducing mechanism for driving airplane propellers. 2,011,855; Aug. 20.
- Gilmer, L. H., Co. (See Geare, Randolph E. S., assignor.)
- Gilmer Packing Ring Corporation. (See Gilmer, Percy M., assignor.)
- Gilmer, Percy M., assignor to Gilmer Packing Ring Corporation, Roanoke, Va. Packing ring. 2,021,112; Nov. 12.
- Gilmore, Chace D., assignor to Peerless Springs, Incorporated, West Chester, Pa. Machine for joining upholstery springs. 2,015,927; Oct. 1.
- Gilmore, E. B. (See Campbell, Luther J., assignor.)
- Gilmore, Edward R., Topeka, Kans. Vibration detector. 2,021,774; Nov. 19.
- Gilmore, Forrest E., Tulsa, Okla. Producing solid carbon dioxide. 2,016,815; Oct. 8.
- Gilmore, William L., Meadville, Pa., assignor to Hookless Fastener Company. Separable fastener. 1,988,419; Jan. 15.
- Gilmore, William L., Meadville, Pa., assignor to Hookless Fastener Company. Separable fastener. 1,991,321; Feb. 12.
- Gilmour, Robert. (See Langwell, H., and Gilmour.)
- Gilpin, Alvin T., Liberty, Ky. Aircraft. 2,021,627; Nov. 19.
- Gilpin Autolock Corporation. (See Gilpin, Victor L., assignor.)
- Gilpin, Clinton D., assignor of one-half to T. R. Harvey, Westfield, N. J. Automatic underfeed furnace. 2,020,026; Nov. 5.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Car coupler carrier. 1,987,290; Jan. 8.
- Gilpin, Garth G., Riverside, assignor to Railway Metal Products Company, Chicago, Ill. Railway car door fixture. 1,990,542; Feb. 12.
- Gilpin, Garth G., Riverside, Ill., assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,995,849; Mar. 26.
- Gilpin, Garth G., Riverside, Ill., assignor to Union Metal Products Company, Chicago, Ill. Buffer spring for railway passenger cars. 2,002,632; May 28.
- Gilpin, Garth G., Riverside, Ill., assignor to P. H. Murphy Company, New Kensington, Pa. Gondola car roof. 2,003,113; May 28.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Device for operating car couplers. 2,007,756; July 9.
- Gilpin, Garth G., Riverside, assignor to Railway Metal Products Company, Chicago, Ill. Railway car door fixture. 2,025,200; Dec. 24.
- Gilpin, Victor L., Baltimore, Md., assignor to Gilpin Autolock Corporation. Automobile lock. 2,022,958; Dec. 3.
- Gilquin, Henri A., Ain-Seba, near Casablanca, Morocco. Inhalation device. 2,025,659; Dec. 24.
- Gilson, Robert M. (See Kemmerer, R. R., and Gilson.)
- Gilson, Robert M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 1,990,543; Feb. 12.
- Gilson, Robert M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 1,996,198; Apr. 2.
- Gil-Stick Corporation. (See Gillen, George A., assignor.)
- Gilstrap, Clarence L., and H. T. Smith, La Grande, Oreg. Weed puller and remover. 1,998,314; Apr. 16.
- Gilstrap, Louisa M. (See Gray, Reo D., assignor.)
- Gimbel, Conrad, North Bend, Wash. Box cover attaching clip. 2,003,856; June 4.
- Gimonet, Alexandre, New York, N. Y. Cosmetic device. 2,007,245; July 9.
- Gimplin, Solomon, Cleveland, Ohio. Make-up frame for newspapers. 1,987,102; Jan. 8.
- Gimse, Peter. (See Sorensen, C. P., and Gimse.)
- Ginder, Philip M. (See Holstein, L. S., and Ginder.)
- Ginder, Philip M., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Purifying zinc. 1,994,347; Mar. 12.
- Ginder, Philip M., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Purifying zinc. 1,994,348; Mar. 12.
- Ginder, Philip M., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Metallurgical furnace. 2,009,547; July 30.
- Ginder, Philip M., W. M. Peirce, and R. K. Waring, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Purifying zinc metal. 1,994,349; Mar. 12.
- Ginder, Philip M., W. M. Peirce, and R. K. Waring, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Apparatus for purifying zinc metal. 1,994,350; Mar. 12.
- Ginder, Philip M., W. M. Peirce, and R. K. Waring, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Purifying zinc metal. 1,994,351; Mar. 12.
- Ginder, Philip M., W. M. Peirce, and R. K. Waring, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Purifying zinc metal (method). 1,994,352; Mar. 12.
- Ginder, Philip M., W. M. Peirce, and R. K. Waring, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Purifying zinc metal (apparatus). 1,994,353; Mar. 12.
- Ginder, Philip M., Palmerton, Pa., and H. G. Dixon, Depue, Ill., assignors to The New Jersey Zinc Company, New York, N. Y. Method of and apparatus for purifying zinc metal. 1,994,354; Mar. 12.
- Ginder, Philip M., W. M. Peirce, and R. K. Waring, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Purifying zinc. 1,994,357; Mar. 12.
- Ginder, William H. (See Myers, J. W., and Ginder.)
- Ginder, William M., assignor to The Kinneair Manufacturing Company, Columbus, Ohio. Door. 1,989,511; Jan. 29.
- Gingerich, Otto J., Trenton, Ohio. Internal combustion engine. 2,017,205; Oct. 15.
- Gingg, Edwin U., San Francisco, Calif. Welder's helmet. 2,016,775; Oct. 8.
- Gingg, Edwin U., San Francisco, Calif. Filter window for welders' helmets. 2,017,059; Oct. 15.
- Gingrich, Harry C., assignor to Iris Knitting Corporation, Pottstown, Pa. Athletic girdle. 1,989,040; Jan. 22.
- Ginn, George E., Des Moines, Iowa. Manufacturing strands for weaving purposes. 2,014,649; Sept. 17.
- Ginsberg, Abraham J., New York, N. Y. Optical bench. 2,015,623; Sept. 24.
- Ginsberg, Mortimer M. (known as). (See Marks, Mortimer.)
- Ginsberg, Samuel L., Jamaica Plain, Mass. Insulated container for frozen food. 2,008,906; July 23.
- Ginsburg, Samuel S., Visalia, Calif. Umbilical cord guard. 2,013,269; Sept. 3.
- Ginter, Charles W., assignor to The Aro Equipment Corporation, Bryan, Ohio. Nonsticking pneumatic hammer grease gun. 2,001,190; May 14.
- Giovannoni, Jean A., Lille, France. Fluid distributor for hydraulic jacks. 1,991,453; Feb. 19.
- Gipe, John C., and J. P. Crowley, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Transfer apparatus. 2,019,182; Oct. 29.
- Girard, James B., Phoenix, Ariz. Gold recovering device and method. 2,004,939; June 18.
- Girard, Jean M. R. (See Van Mierlo, S., Girard, and Pulles.)
- Girard, Joseph W., Los Angeles, Calif. Ash tray. 2,011,242; Aug. 13.
- Girard, Lamont E., assignor to Burgess Battery Company, Madison, Wis. Dry cell. 2,016,108; Oct. 1.
- Girard, Louis B., et al. (See Fisher, Franklin C., assignor.)
- Girard, Lucien. (See Dore, G., and Girard.)
- Girard Model Works, Inc., The. (See Smith, Anthony N., assignor.)
- Girardi, Frank, assignor of one-third to J. Burescio and one-third to S. Cipullo, Chicago, Ill. Speed change gear set operating mechanism. 1,992,419; Feb. 26.
- Girdler Corporation, The. (See Bottoms, R. R., and Wood, assignors.)
- Girdler Corporation, The. (See Bottoms, Robert R., assignor.)
- Girdler Corporation, The. (See Luening, Eugene G., assignor.)
- Girl, Christian, Detroit, Mich. Attachment for coupes. 2,014,019; Sept. 10.
- Girosi, Pablo, San Martin, Argentina. Mechanical calendar. 1,989,593; Jan. 29.
- Girten, Charles E. (See Snell, O. C., and Girten.)

- Girvin, Charles W., assignor to Io-Dow Chemical Company, Inc., Long Beach, Calif. Recovering iodine. 1,994,416; Mar. 12.
- Girvin, Charles W., Long Beach, assignor to Deepwater Chemical Co., Ltd., Los Angeles, Calif. Purifying silver iodide. 1,998,010; Apr. 16.
- Girvin, Willard S. (See Jennison, H. C., and Girvin.)
- Githler, Charles E., assignor to Corning Glass Works, Corning, N. Y. Thermometer. 1,999,173; Apr. 30.
- Gits, Remi J., Chicago, Ill. Lawn mower lubricator. 1,995,538; Mar. 26.
- Gits, Remi J., Chicago, Ill. Oil seal. 2,021,414; Nov. 19.
- Gittings, William L., and N. N. Brown, assignors to Gold Medal Folding Furniture Co., Racine, Wis. Lounge cart. 1,987,335; Jan. 8.
- Giuliano, Ronald, South Orange, N. J. Beauty mask. 1,996,703; Apr. 2.
- Giuntini, Bruno, Alger, Algeria. Apparatus for measuring the foot. 2,017,813; Oct. 15.
- Givaudan-Delawanna, Inc. (See Carpenter, Marion S., assignor.)
- Given, Frederick J., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Filter. 2,000,441; May 7.
- Given, Frederick J., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inductive device. 2,005,582; June 18.
- Gjertson, Gerda. (See Loos, Walter, assignor.)
- Glabb, William N., assignor to Morrison Bros., Dubuque, Iowa. Fill cap. 1,986,143; Jan. 1.
- Gladden, Quincy A., Cincinnati, Ohio. Tire and rim assembly. 2,010,260; Aug. 6.
- Gladding, B. F., & Co. Inc. (See MacMurray, Orrin, assignor.)
- Gladding, Ernest K., and D. F. Evans, Buffalo, assignors to Du Pont Rayon Company, New York, N. Y. Preparation of thread. 1,996,864; Apr. 9.
- Gladding, Ernest K., and D. F. Evans, Buffalo, assignors to Du Pont Rayon Company, New York, N. Y. Bobbin traverse motion. 2,004,162; June 11.
- Glade, George H., Jr., Chicago, Ill. Electrical conductor terminal cap. 1,988,725; Jan. 22.
- Gladfelter, Willie I., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Bottle handling machine and control therefor. 2,013,144; Sept. 3.
- Gladhorn, Werner, Dessau in Anhalt, Germany, and L. Eckler, assignors to Agfa Anso Corporation, Binghamton, N. Y. Supports made of cellulose derivatives for use in the manufacture of sheets of material soluble in organic solvents. 1,988,550; Jan. 22.
- Gladney, Andrew L., assignor of one-half to M. S. Hanrahan, San Francisco, Calif. Cellular aggregate and process. 2,021,956; Nov. 26.
- Gladson, Clifford C., Milwaukee, assignor to Ladish Drop Forge Company, Cudahy, Wis. Making tap bushings. 1,996,014; Mar. 26.
- Gladwin, Louis H., Akron, Ohio, assignor, by mesne assignments, to Wingfoot Corporation, Wilmington, Del. Power transmitting belt. 1,998,011; Apr. 16.
- Glamann, C. E. (See Roe, Emmett J., assignor.)
- Glascock Brothers Mfg. Co. (See Baker, Robert E., assignor.)
- Glascock Brothers Mfg. Co. (See Frick, Chester A., assignor.)
- Glaser, August, Berlin-Frohnau, Germany, assignor to General Electric Company. Electric discharge apparatus. 1,995,176; Mar. 19.
- Glaser, August, Berlin-Frohnau, Germany, assignor to General Electric Company. Electrical apparatus. 1,988,274; Jan. 15.
- Glaser, Emil. (See Fritz, H., and Glaser.)
- Glaser, Hugo, St. Paul, Minn. Door fastening device. 1,993,002; Mar. 5.
- Glaser, Jacob L., and S. Segal, Brooklyn; said Segal assignor of one-fourth to C. M. Palmer, New York, N. Y. Eyelash curler. 2,004,046; June 4.
- Glaser, Joseph P., assignor to Chamberlin Metal Weather Strip Company, Detroit, Mich. Storm sash and frame. 1,998,315; Apr. 16.
- Glaser, William F. (See Lindquist, D. L., Waters, and Glaser.)
- Glaser, Willy, Ober-Rochlitz, Czechoslovakia. Process for the utilization of sludge acid. 1,989,512; Jan. 29.
- Glasgow, Arthur G., London, England, assignor to United Engineers & Constructors Inc., Philadelphia, Pa. Ash discharge lock chamber for gas generators. 2,012,909; Aug. 27.
- Glasgow, Chester W., Detroit, Mich. Road marker. 1,998,502; Apr. 23.
- Glasgow, Chester W., Detroit, Mich. Road marker. 1,999,563; Apr. 30.
- Glasgow, Roy S., St. Louis, Mo., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Volume control system. 1,991,277; Feb. 12.
- Glasier, Harold H., Los Angeles, Calif. Compensating drawbar. 1,990,900. Feb. 12.
- Glasier, Harold H., Los Angeles, Calif. Mechanical tiller. 1,996,510; Apr. 2.
- Glasner, Rudolph W. (See Wall, Edmund L., assignor.)
- Glass, George F. (See Fulton, A. C., Glass, and Koch.)
- Glass, Percy R., Wayland, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Marking machine. 1,990,321; Feb. 5.
- Glass, William, London, England. Seat having adjustable back. 2,010,429; Aug. 6.
- Glassford, Fred, Royal Oak, assignor to Chrysler Corporation, Detroit, Mich. Assembling hard metal inserts in internal combustion engines. 1,987,677; Jan. 15.
- Glassford, Fred, Royal Oak, assignor to Chrysler Corporation, Detroit, Mich. Grinding tool. 1,995,027; Mar. 19.
- Glassner, Joseph J., assignor of one-half to B. C. Clutter, Akron, Ohio. Scraper. 2,003,186; May 28.
- Glatt, Fred E. and G. E., Oakland, Calif. Vertical shaft mounting. 2,012,714; Aug. 27.
- Glatt, George E. (See Glatt, Fred E. and G. E.)
- Glaves, Archie H., Toledo, Ohio, assignor to H. A. Wallace, Secretary of Agriculture, of the United States of America. Self-aligning disk jointer. 2,003,831; June 4.
- Glaxner, Herman J., Monroe, La., assignor to Columbian Carbon Company, New York, N. Y. Apparatus for compacting powders. 2,005,542; June 18.
- Glaze, Herbert L. (See Lipp, E. L., and Glaze.)
- Gleason, Anthony H. (See Wiezevich, P. J., and Gleason.)
- Gleason, Augustus W., and D. B. Nutt, El Segundo, assignors to Standard Oil Company of California, San Francisco, Calif. Method and apparatus for treating oils. 1,992,420; Feb. 26.
- Gleason, George A. (See Brickman, A. E., and Gleason.)
- Gleason, George A., and A. P. Hayden, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Traffic guard. 2,005,418; June 18.
- Gleason, George A., and A. P. Hayden, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Guard rail. 2,024,997; Dec. 17.
- Gleason, George A., and A. P. Hayden, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Road guard. 2,024,998; Dec. 17.
- Gleason, Stanley F., Overbrook, Pa. Meat processing and molding device. 2,008,301; July 16.
- Gleason Works. (See Bauer, O. F., and Carpenter, assignors.)
- Gleason Works. (See Carlsen, Leonard O., assignor.)
- Gleason Works. (See Condon, Robert S., assignor.)
- Gleason Works. (See Condon, R. S., and Galloway, assignors.)
- Gleason Works. (See Heard, August C., assignor.)
- Gleason Works. (See Hill, Maxwell H., assignor.)
- Gleason Works. (See Shiesinger, Bernard E., assignor.)
- Gleason Works. (See Slade, L. D., and Cowell, assignors.)
- Gleason Works. (See Stewart, Arthur L., assignor.)
- Gleason Works. (See Wildhaber, Ernest, assignor.)
- Gledhill, Edward C., and C. Britton, assignors to The Gledhill Road Machinery Company, Galion, Ohio. Road machine. 2,021,660; Nov. 19.
- Gledhill Road Machinery Company, The. (See Gledhill, E. C., and Britton, assignors.)
- Gleissner, Walter, assignor to the firm Nollische Werke Kom. Ges., Weissenfels-on-the-Saale, Germany. Hammering machine. 1,997,548; Apr. 9.
- Glen-Dar Can Co. (See Darling, Frank L., assignor.)
- Glen, Robert R., Anglet, France, assignor to Glen's Patents and Holdings Inc., New York, N. Y. Shaft coupling. 2,022,909; Dec. 3.
- Glen, Thomas, Jr., Coogee, assignor of one-half to M. A. Bowra, Randwick, New South Wales, Australia. Combined dust pan and container. 1,990,026; Feb. 5.
- Glen, Thomas, Jr., Coogee, Australia. Sifter. 1,997,255; Apr. 9.
- Glenn, Clinton A. (See Adams, Carl S., assignor.)
- Glenny, Clarence S., Rockford, Ill., assignor to The Washburn Company, Worcester, Mass. Household utensil. 1,996,240; Apr. 2.
- Glen's Patents and Holdings Inc. (See Glen, Robert R., assignor.)
- Glenwood Range Company. (See Dexter, George E., assignor.)
- Glenwood Range Company. (See Kahler, Edwin H., assignor.)
- Glezen, William M., Detroit, Mich. Shock absorber. 2,002,980; May 28.
- Glick, John A., Milford, assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Heavy duty brake block. 1,986,144; Jan. 1.
- Glick, Oscar P., Denver, Colo. Putty softener. 2,000,751; May 7.
- Gilda Corp. of America. (See Wiesenfeld, L., and Kase, assignors.)
- Glidden Company, The. (See Cone, C. N., and Brown, assignors.)
- Glidden Company, The. (See Neubaus, Theodore A., assignor.)
- Glidden Company, The. (See O'Brien, W. J., and Mutersbaugh, assignors.)
- Glidden, Harvey L., Lexington, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Receptacle holder. 2,006,451; July 2.
- Glietenberg, Eugen, and A. Sigwart, Leverkusen-I. G.-Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Trisazodyestuffs. 2,012,387; Aug. 27.
- Gliwitski, Guillermo, San Isidro, Argentina. Combined widening and guiding tool for boring wells. 1,987,291; Jan. 8.
- Globar Corporation. (See Boyer, John A., assignor.)
- Globar Corporation. (See Hediger, Ernst, assignor.)
- Globar Corporation. (See Heyroth, Albert H., assignor.)
- Globar Corporation, The. (See Heyroth, A. H., and Miller, assignors.)
- Globar Corporation. (See Heyroth, A. H., and Schildhauer, assignors.)

- Globe-American Corporation. (See Chester, A. P., and Hill, assignors.)
- Globe American Corporation. (See Hill, Dewey H., assignor.)
- Globe Automatic Sprinkler Company. (See Rowley, Arthur C., assignor.)
- Globe Brick Company, The. (See Porter, Sidney C., assignor.)
- Globe Iron Roofing & Corrugating Company, The. (See Little, Howard J., assignor.)
- Globe Machine & Stamping Company, The. (See Green, Lee B., assignor.)
- Globe Machinery & Supply Company. (See Johnston, Frank R., assignor.)
- Globe Machinery & Supply Company. (See Smith, Harry D., assignor.)
- Globe Oil Tools Company. (See Howard, John H., assignor.)
- Globe Oil Tools Co. (See Howard, J. H., and Catland, assignors.)
- Globe Oil Tools Company. (See Howard, J. H., and Wright, assignors.)
- Globe Oil Tools Co. (See Wright, Jesse C., assignor.)
- Globe Oil Tools Company. (See Wright, J. C., and Ragsdale, assignors.)
- Globe Parlor Furniture Company et al. (See Pearson, Arthur L., assignor.)
- Globe Steel Tubes Co. (See Nygren, K. A., and Zschiesche, assignors.)
- Globe-Union Mfg. Co. (See Barkhausen, P. E., and King, assignors.)
- Globe-Union Mfg. Co. (See Coldwell, John S., assignor.)
- Globe-Union Mfg. Co. (See Zimmerman, Herbert L., assignor.)
- Globe-Wernicke Company, The. (See Schmitz, Fred A., assignor.)
- Glock, Carl A., Lynwood, Calif. Vehicle actuated signal. 2,007,715; July 9.
- Gloekler, Bernard, Company. (See Gloekler, Karl J., assignor.)
- Gloekler, John E., Pittsburgh, Pa. Meat holder. 1,999,809; Apr. 30.
- Gloekler, Karl J., assignor to Bernard Gloekler Company, Pittsburgh, Pa. Refrigerating cabinet. 1,997,212; Apr. 9.
- Gloersen, Lelf, Ekenas, Finland, assignor to Fibre Making Processes, Inc., Chicago, Ill. Apparatus for introducing fused chemicals into liquid. 2,007,799; July 9.
- Glogaud, Pierre J. E., Paris, France. Duplicating form and arrangement for its production. 1,993,440; Mar. 5.
- Glogaud, Pierre J. E., and P. A. Souze, Paris, France. Machine for making printing plates or stencils. 2,022,498; Nov. 26.
- Glonite Corporation, The. (See Schmitt, George P., assignor.)
- Glomb, John C., Bradford Woods, Pa. Cigarette butt receiver and extinguisher. 1,999,289; Apr. 30.
- Glomb, Ludwig V., Jamaica, assignor to Britex Awning Cloth Co., Inc., Richmond Hill, N. Y. Fabric cement. 2,011,218; Aug. 13.
- Gloor, Emil A., Hawthorne, N. J. Heddle frame. 1,994,578; Mar. 19.
- Gloor, George A., Dearborn, Mich. Beverage cooling and dispensing device. 2,003,532; June 4.
- Gloor, Walter E. (See Shankweiler, F. K., and Gloor.)
- Glore, Harry V., Oakland, Calif. Hinge for oven doors. 2,011,276; Aug. 13.
- Gloria System, Inc. (See Byrne, John A., assignor.)
- Gloucester Products Company. (See Josephson, Herman E., assignor.)
- Glover, Edmond, Tenafly, N. J. Golf stick. 1,993,928; Mar. 12.
- Glover, Walter H., Warwick New Road, Leamington Spa, and F. Sheddin, Coventry, assignors to Courtaulds, Limited, London, England. Finishing of artificial silk fabrics. 2,010,757; Aug. 6.
- Glowacki, John B., Chicago, Ill. Multiple fuse plug. 2,017,489; Oct. 15.
- Glowacki, John B., Chicago, Ill. Nonrefillable cartridge fuse and element. 2,017,490; Oct. 15.
- Glowacki, John B., Chicago, Ill. Cartridge ferrule type refillable fuse. 2,017,491; Oct. 15.
- Glowacki, John B., Chicago, Ill. Cartridge ferrule type refillable fuse and element. 2,017,492; Oct. 15.
- Glowacki, John B., Chicago, Ill. Nut. 2,017,493; Oct. 15.
- Gluck, Bernard. (See Nemes, B., and Gluck.)
- Giunt, Omer M., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound picture projector. 2,023,581; Dec. 10.
- Glunz, Henry F., Saratoga Springs, N. Y. Method of and apparatus for applying sealing closures to bottles and other containers. 2,013,304; Sept. 3.
- Glynn, Edwin A. (See Wook, H. J., and Glynn.)
- Glynn, Joseph E., Taunton, Mass., assignor to Boston Stove Foundry Company, Reading, Mass. Combination gas and coal range. 2,007,679; July 9.
- Gmelin, Walter. (See Eckert, W., and Gmelin.)
- Gmelin, Walter. (See Fischer, Erich, and Gmelin.)
- Gnadinger, Charles B., Minneapolis, Minn. Insecticide. 2,017,594; Oct. 15.
- Gnadinger, Charles B., Minneapolis, Minn. Insecticide. 2,017,595; Oct. 15.
- Go, Teikichi and Kenichi Kojima, Azabu-Ku, Tokyo, and Sabure Sugihara, Higashi Katsushika-Gun, Chiba-Ken, Japan. Ash pot. 2,006,692; July 2.
- Goas, Harry A., Schuylkill Haven, Pa., assignor to Julius Kayser & Co. Body garment and method of manufacture. 2,000,073; May 7.
- Goat, Fred, Co. (See Schilder, Theodore, assignor.)
- Goat, Fred, Co. (See Schilder, T., and Erlenmann.)
- Goat, Fred Co., Inc., The. (See Maring, Walter D., assignor.)
- Gobeil, Eugene, Otterburne, Manitoba, Canada. Front drive snowmobile. 2,023,015; Dec. 3.
- Goble, Lena L., et al. (See Funk, Hugo A., assignor.)
- Goble, William E., Selma, Calif. Offset disk harrow. 2,006,547; July 2.
- Goble, William E., Selma, Calif. Thrust bearing for disk cultivators. 2,020,545; Nov. 12.
- Godare, Anthony J., Denver, Colo. Plug and plug receptacle. 1,990,687; Feb. 12.
- Goddard, Alvin C., Forest Hills, N. Y., assignor, by mesne assignments, to The E. F. Hauserman Company. Partitioning. 2,020,502; Nov. 12.
- Goddard, Charles A., Cheshire, Conn., assignor to E. G. Clark, Melrose, Mass. Sealing device. 1,987,737; Jan. 15.
- Goddard, DeWitt R. (See Peterson, H. O., and Goddard.)
- Goddard, De Witt R., Riverhead, N. Y., assignor to Radio Corporation of America. Oscillator circuits. 1,999,656; Apr. 30.
- Goddard & Goddard Company. (See Anderson, E. E., and Fritz, assignors.)
- Goddard, Paul B., and F. Ketcham, Dearborn, Mich., assignors to Universal Products Co. Inc. Universal joint and cover. 1,987,678; Jan. 15.
- Goddard, Robert H., Worcester, Mass. Cooling combustion chambers. 2,016,921; Oct. 8.
- Goddard, Stewart, Toronto, Ontario, Canada. Waxer and polisher. 1,989,921; Feb. 5.
- Godde Albert, Bedin, Inc. (See Barbet, Henri, assignor.)
- Godemeyer, Eduard, Lippstadt, Germany. Suspensible clew holder for thread or the like. 2,003,143; May 28.
- Goddu, George, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Welting for use in the manufacture of shoes. 1,985,892; Jan. 1.
- Goddu, George, deceased, by I. W. Goddu, executrix, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and the manufacture thereof. 1,986,723; Jan. 1.
- Goddu, George, deceased, by I. W. Goddu, executrix, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 1,991,454; Feb. 19.
- Goddu, George, deceased, Winchester Mass., by I. W. Goddu, executrix, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for treating shoe parts. 1,994,469; Mar. 19.
- Goddu, George, deceased, Winchester, Mass., by Isabelle W. Goddu, executrix, Winchester, assignor to The Littleway Process Company, Boston, Mass. Holding shoe uppers in lasted position. 2,004,239; June 11.
- Goddu, George, deceased, Winchester, Mass., by I. W. Goddu, executrix, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for inserting fastenings. 2,006,452; July 2.
- Goddu, George, deceased, Winchester, by I. W. Goddu, Winchester, executrix, assignor to The Littleway Process Company, Boston, Mass. Manufacture of shoes. 2,008,697; July 23.
- Goddu, George, Winchester, assignor to The Littleway Process Company, Lynn, Mass. Manufacture of shoes. 2,017,856; Oct. 22.
- Goddu, Isabelle W., executrix. (See Goddu, George.)
- Goddu, Lloyd W. (See Pellow, A., and Goddu.)
- Gödecke, Wilhelm, Hanau-on-Main, Germany. Thermocouple of high electromotive force. 2,012,465; Aug. 27.
- Godfrey, Bert O., Brooklyn, N. Y. Trammel point for pitchometers. 2,000,281; May 7.
- Godfrey, Earl V., Girard Township, Erie County, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,013,045; Sept. 3.
- Godfrey, Edward C., Detroit, Mich. Lamp. 2,008,177; July 16.
- Godfrey, Fredrick S. (See Hiltner, J. R., and Godfrey.)
- Godfrey, Fredrick S., Lynn, Mass., assignor to General Electric Company. Rayon bucket. 2,019,344; Oct. 29.
- Godley, Charles E. (See Falge, R. N., and Godley.)
- Godman, Ada, Minneapolis, Minn. Light attachment for pens and pencils. 2,008,070; July 16.
- Godowsky, Leopold, Jr. (See Mannes, L. D., and Godowsky.)
- Godron, William G. G., New York, N. Y. Sealing device. 1,988,726; Jan. 22.
- Godron, William G. G., New York, N. Y. Sealing system for reciprocating members. 1,988,727; Jan. 22.
- Godron, William G. G., New York, N. Y. Sealing device, packing and the like. 1,999,094; Apr. 23.
- Godsell, Frederick G., North Battleford, Saskatchewan, Canada. Piston for internal combustion engines. 2,012,874; Aug. 27.
- Godsey, Frank W., Jr., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Method and apparatus for electrical control. 2,016,671; Oct. 8.
- Godsey, Frank W., Jr., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Electric time delay apparatus. 2,016,672; Oct. 8.
- Godsey, Frank W., Jr., assignor to Sprague Specialties Co., North Adams, Mass. Electrolytic device. 2,023,522; Dec. 10.

- Godsey, French E., Bluefield, W. Va. Safety valve. 1,990,601; Feb. 12.
- Godshalk, Clarence A., Ardmore, and D. Behrsing, Philadelphia, Pa., assignor to Godshalk Company. Device for sharpening razor blades. 2,026,125; Dec. 31.
- Godshalk Company. (See Godshalk, C. A., and Behrsing, assignors.)
- Godshalk, Russell L., New York, N. Y., and R. Shellenberger, Westfield, N. J., assignors to Fuller Lehigh Company, New York, N. Y. Furnace. 1,986,669; Jan. 1.
- Godwin, Charles T., Yonkers, assignor to New Screen Corporation, New York, N. Y. Apparatus for viewing pictures and the like. 1,986,966; Jan. 8.
- Godwin, Charles T., Yonkers, assignor to New Screen Corporation, New York, N. Y. Stereoscopic viewing lens. 1,993,272; Mar. 5.
- Godziewski, Hermann, Eichwalde, Kreis Teltow, assignor to H. Lindner, G. m. b. H., Berlin-Wittenau, Germany. Device for dressing profiled grinding wheels. 1,988,895; Jan. 22.
- Goebel, Louis, Babylon, N. Y. Ornamental lining fabric. 1,994,273; Mar. 12.
- Goebel, George, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Laminated material. 2,020,776; Nov. 12.
- Goebel, George, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Cap forming apparatus and method. 2,022,235; Nov. 26.
- Goebert, Elmer C., U. S. Army, Philadelphia, Pa. Welded joint structure. 1,993,161; Mar. 5.
- Goebert, Elmer C., U. S. Army, Philadelphia, Pa. Gun carriage. 2,017,857; Oct. 22.
- Goebert, Elmer C., U. S. Army, Philadelphia, Pa., and G. W. Beatty, Decatur, Ill. Gun mount. 2,012,274; Aug. 27.
- Goeddertz, Henry, Denver, Colo. Automobile trunk. 1,994,020; Mar. 12.
- Goedike, John G., San Antonio, Tex. Process and apparatus for dampening the plate cylinders of lithographic and analogous presses. 2,025,045; Dec. 24.
- Goedike, John G., San Antonio, Tex. Apparatus for dampening the plate cylinders of lithographic and analogous presses. 2,025,046; Dec. 24.
- Goehring, William E. (See Mosely, W. P., and Goehring.)
- Goepfrich, Rudolph A., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,992,207; Feb. 26.
- Goepfrich, Rudolph A., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,998,669; Apr. 23.
- Goepfrich, Rudolph A., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,012,663; Aug. 27.
- Goepfrich, Rudolph A., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,012,664; Aug. 27.
- Goerg, Walter, Woodcliff, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Turret head wrench. 2,024,160; Dec. 17.
- Goergen, Gerald G. (See Britton, E. C., Stoesser and Goergen.)
- Goeritz, Edward J., Arlington, Minn. Sectional brush. 1,993,658; Mar. 5.
- Goerner, Gustav W., Bourne, Mass. Bleaching composition. 1,987,059; Jan. 8.
- Goertzen, W. S. (See Gaede, John E., assignor.)
- Goetz, Arthur A., Los Angeles, Calif. Spring construction. 2,026,228; Dec. 31.
- Goessling, Gerald A., Richmond Heights, Mo. Key container. 1,999,290; Apr. 30.
- Goessling, Gerald A., St. Louis, Mo. Printing tubular celluloid articles. 2,016,425; Oct. 8.
- Goessmann, Anna M. D., executrix. (See Goessmann, Charles I.)
- Goessmann, Charles I., deceased, Providence, R. I., by Anna M. D. Goessmann, Brooklyn, N. Y., executrix. Paper making. 1,987,930; Jan. 15.
- Goethel, Otto L., Grand Rapids, Mich. Spring construction. 2,010,986; Aug. 13.
- Goetsch, George W., Elkins Park, and O. F. Smetana, assignors to Quaker Hosiery Company, Philadelphia, Pa. Antiravel knitted fabrics and producing them. 2,017,437; Oct. 15.
- Goetter, Allan T., Wauwatosa, Wis. Power driven swing. 2,024,855; Dec. 17.
- Goetz, Ferdinand K., assignor to Reading Hardware Corporation, Reading, Pa. Adjustable lock strike. 2,013,145; Sept. 3.
- Goetz, Gottfried, assignor to L. Kern, Webster Groves, Mo. Closure means for vertical coking retorts. 1,994,129; Mar. 12.
- Goetz, Gottfried, assignor to L. Kern, Webster Groves, Mo. Vertical coking retort bench. 2,012,447; Aug. 27.
- Goetz, Julius F., Hartford, Wis. Smoke stack cable fitting. 1,999,045; Apr. 23.
- Goetz, Maurus T., and L. M. Walden, assignor to Teletype Corporation, Chicago, Ill. Control unit for linecasting and composing machines. 2,000,860; July 2.
- Goetz, Oscar H., Park Ridge, assignor to Yale Slot & Slug Company, Chicago, Ill. Slug and aperture for check controlled apparatus. 2,008,415; July 16.
- Goetz, Oscar H., Park Ridge, assignor to Yale Slot & Slug Co., Chicago, Ill. Slug, slot, and aperture for check controlled apparatus. 2,008,416; July 16.
- Goetz, Rowland W., Mount Lebanon, assignor to H. F. Telchmann, Washington, Pa. Stake box. 1,987,589; Jan. 8.
- Goetze, Karl. (See Luther, M., and Goetze.)
- Goetzl, Ralph L. (See Haas, F. S., and Goetzl.)
- Goez, William F., assignor of one-half to Iowa Fiber Box Company, Keokuk, Iowa, and one-half to South West Box Company, Sand Springs, Okla. Nesting paper can. 2,007,191; July 9.
- Goez, William F., assignor of one-half to Iowa Fiber Box Company, Keokuk, Iowa, and one-half to South West Box Company, Sand Springs, Okla. Nesting paper can. 2,007,192; July 9.
- Goff, Clarence M., and J. W. Brown, Toledo, Ohio. Safety device for power presses. 2,013,441; Sept. 3.
- Goff, George B., and F. J. Finch, Oklahoma City, Okla. Hose clamp. 2,010,229; Aug. 6.
- Goff, Harold W., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse transmitter. 2,017,438; Oct. 15.
- Goff, Leonard D., Three Rivers, Mich. Condensate return system. 2,011,626; Aug. 20.
- Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Mechanism for magnetic motor starters. 1,994,308; Mar. 12.
- Gofferje, Eduard. (See Keller, K., Hopff, Gofferje, and Nuesslein.)
- Goffin, André A. E. (See Fonson, O., and Goffin.)
- Gogan, Joseph, Lakewood, Ohio. Hardness testing apparatus. 2,009,314; July 23.
- Gogan, Joseph, Lakewood, Ohio. Material testing device. 2,009,316; July 23.
- Gogan, Joseph, Lakewood, Ohio. Spring coiling machine. 2,018,209; Oct. 22.
- Gogan, Joseph, Cleveland, Ohio. Hardness testing machine. 2,009,315; July 23.
- Gogel, Adelbert J., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Ignition coil construction. 2,006,239; June 25.
- Goguen, Charles J., Flint, Mich. Battery gauge. 1,995,207; Mar. 19.
- Goin, George R., and B. A. de Polo, Detroit, Mich. Traller. 2,009,548; July 30.
- Goines, Le Roy F., Gastonia, N. C. Refrigeration apparatus. 1,996,803; Apr. 9.
- Going, George G., Glenbrook, Stamford, Conn., assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,988,312; Jan. 15.
- Going, George G., Glenbrook, Conn., assignor to Remington Rand Inc., New York, N. Y. Typewriting machine. 1,994,300; Mar. 12.
- Going, George G., Glenbrook, Conn., assignor to Remington Rand Inc., New York, N. Y. Typewriting machine. 2,009,359; July 23.
- Goins, Alfred C., Gary, Ind., assignor to American Sheet and Tin Plate Company. Strip loop control. 1,986,724; Jan. 1.
- Goissedet, Paul E. C., and R. L. Despois, Choisy-le-Roi, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Oleaginous solutions of organic salts of bismuth. 2,009,295; July 23.
- Gold, Charles, New York, N. Y. Container. 2,017,693; Oct. 15.
- Gold, Isaac, assignor to Hillsdale Manufacturing Company, Hillsdale, Mich. Trousers and like garment. 1,999,833; Apr. 30.
- Gold, Nathan, Portland, Oreg. Necktie. 2,024,352; Dec. 17.
- Gold, Russell S., assignor to The American Hardware Corporation, New Britain, Conn. Lock. 2,008,668; July 23.
- Goldberg, Aaron, Paterson, N. J. Boot and shoe. 2,010,856; Aug. 13.
- Goldberg, Aaron S., Philadelphia, Pa., assignor to Bunting Glider Company. Frame construction for gliders or the like. 1,997,054; Apr. 9.
- Goldberg, Abraham, Milwaukee, Wis., and I. M. Jackson, Iuka, Miss., assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Gyrotory crusher. 1,999,756; Apr. 30.
- Goldberg, David D., Springfield, assignor to Automatic Cone Valve Company, Indian Orchard, Mass. Valve control mechanism. 2,025,411; Dec. 24.
- Goldberg, Harry H., assignor to Bunting Glider Company, Philadelphia, Pa. Furniture. 1,993,601; Mar. 5.
- Goldberg, Herman, Chicago, Ill. Fitting for flexible shaft casings. 1,993,368; Mar. 5.
- Goldberg, Herman, Chicago, Ill. Flexible shaft. 1,995,421; Mar. 26.
- Goldberg, Herman G., New York, N. Y. Combination underslip and brassiere. 1,990,322; Feb. 5.
- Goldberg, Jack, et al. (See Schlesinger, Harry, assignor.)
- Goldberg, Jacob C. (See Fingerhart, C., and Goldberg.)
- Goldberg, Jacob M. (See Goldberg, Louis B., N., W., and J. M.)
- Goldberg, Lillian, Madison, N. J. Plant support. 2,004,983; June 18.
- Goldberg, Louis B., N., W., and J. M., Denver, Colo. Rifle pan. 1,991,666; Feb. 19.
- Goldberg, Mark J., Muskegon Heights, assignor to Campbell, Wyant and Cannon Foundry Company, Norton Township, Mich. Pump. 1,993,369; Mar. 5.
- Goldberg, Mark J., Beloit, Wis., assignor to Campbell Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Combustion chamber. 2,011,048; Aug. 13.
- Goldberg, Maurice H. (See Rice, W., and Goldberg.)
- Goldberg, Maurice M., assignor, by mesne assignments, to A. M. Danzig, New York, N. Y. Display device. 1,994,513; Mar. 19.

- Goldberg, Max, New York, N. Y. Filling machine. 2,014,323; Sept. 10.
- Goldberg, Max, Brooklyn, assignor of one-half to M. Schneck, New York, N. Y. Can. 2,009,257; July 23.
- Goldberg, Maximilian M., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,989,313; Jan. 29.
- Goldberg, Morris J., and S. A. Ciechanow, Beloit, Wis., assignors to Fairbanks, Morse & Co., Chicago, Ill. Fuel control means for internal combustion engines. 2,007,246; July 9.
- Goldberg, Nathan. (See Goldberg, Louis B., N. W., and J. M.)
- Goldberg, Nathan, Denver, Colo. Ore separator. 1,991,667; Feb. 19.
- Goldberg, Samuel D., assignor to Novocol Chemical Mfg. Co. Inc., Brooklyn, N. Y. Anaesthetic composition. 2,004,891; June 11.
- Goldberg, Samuel D., assignor to Novocol Chemical Mfg. Co. Inc., Brooklyn, N. Y. Hypodermic syringe and closure cap for containers. 2,020,828; Nov. 12.
- Goldberg, Samuel I., Brooklyn, N. Y. Rumble seat protector. 1,988,380; Jan. 15.
- Goldberg, William. (See Goldberg, Louis B., N. W., and J. M.)
- Goldberger, Franz, Breda, Netherlands, assignor, by mesne assignments, to Sylvania Industrial Corporation, Fredericksburg, Va. Artificial sausage casing. 2,000,835; May 7.
- Goldberger, Franz, Breda, Netherlands, assignor, by mesne assignments, to Sylvania Industrial Corporation, Fredericksburg, Va. Manufacturing from nitrocellulose, skins and envelopes particularly adapted for use as artificial sausage casings. 2,000,836; May 7.
- Goldberger, Franz, Breda, assignor of one-half to G. H. Groot, Amsterdam, Netherlands. Machine for laying a knot. 2,009,491; July 30.
- Golden, Albert L., et al. (See Berstler, Carl E., assignor.)
- Golden Belt Manufacturing Company. (See Weisner, William H., assignor.)
- Golden, Harry, assignor to Magna Products Corp., New York, N. Y. Antirattling device. 1,986,772; Jan. 1.
- Golden, Harry, assignor to Magna Products Corp., New York, N. Y. Antirattling device for windows. 2,012,926; Aug. 27.
- Golden, Roy L., Tucson, Ariz. Chord finder for tenor banjos. 2,001,191; May 14.
- Golden, William E., Chicago, Ill. Race track plant. 1,995,345; Mar. 26.
- Goldenberg, Jonas, Union Trust Company of Providence executor of said J. Goldenberg, deceased, assignor to Genser Manufacturing Company, Inc., Providence, R. I. Ornamental chain. 2,007,445; July 9.
- Goldenberg, Michael, Philadelphia, Pa. Athletic shoe spike. 2,006,637; July 2.
- Golden Star Polish Manufacturing Company. (See Grading, Emil P., assignor.)
- Golder, Charles A., Bethel, Conn. Paper pasting and cutting device. 1,998,394; Apr. 16.
- Goldfield, Edwin R. (See Horsley, Caperton B., assignor.)
- Goldhammer, Leo, Munich, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Roll film camera. 1,987,254; Jan. 8.
- Goldhammer, Leo, Munich, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Phonograph. 2,003,434; June 4.
- Goldhammer, Leo, Munich, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Container for film rolls. 2,010,186; Aug. 6.
- Goldhammer, Leo, Munich, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Photographic camera. 2,011,895; Aug. 20.
- Goldhammer, Leo, Munich, Bavaria, and F. Sochor, Vienna, Austria, assignors to Agfa Anso Corporation, Binghamton, N. Y. Sound recording. 2,014,495; Sept. 17.
- Goldheim, Samuel L. (See Gettemuller, G. D., and Goldheim.)
- Goldine, Mathew, Chicago, Ill. Salve container. 2,012,531; Aug. 27.
- Goldman, David. (See Thal, Bernhard, assignor.)
- Goldman, Harry. (See Sunderman, Frederick R., assignor.)
- Goldman, Harry, Chicago, Ill. Umbrella. 2,017,753; Oct. 15.
- Goldman, Mayer L., assignor to May Oil Burner Corporation, Baltimore, Md. Ignition device. 2,006,593; July 2.
- Goldman, Morris, Bridgeport, Conn. Fuse plug. 1,993,403; Mar. 5.
- Goldman, Morris, San Francisco, Calif. Skirt closure. 2,023,132; Dec. 3.
- Goldman, Sam, East St. Louis, Ill. Display shelving construction. 1,997,726; Apr. 16.
- Gold Medal Folding Furniture Co. (See Gittings, W. L., and Brown, assignors.)
- Goldsberry, Francis M., et al. (See Brown, F. E., and Musser.)
- Goldsborough, John B., Croton-on-Hudson, N. Y. Screen and cleaning means therefor. 1,992,005; Feb. 19.
- Goldsborough, Shirley L., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective system. 2,023,070; Dec. 3.
- Goldsborough, Winder E., South Norwalk, assignor to Doherty Research Company, New York, N. Y. Automatic welder. 2,013,630; Sept. 3.
- Goldsborough, Winder E., South Norwalk, Conn., assignor to Doherty Research Company, New York, N. Y. Combustible gas analyzer. 2,013,998; Sept. 10.
- Goldschmidt, Max L., Meiningen, Germany. Reversible cuff. 1,989,638; Jan. 29.
- Goldschmidt, Stefan, Karlsruhe, and R. Mayrhofer, Leverkusen, Germany. Producing condensation products of formaldehyde and urea with the conjoint use of the condensation products derived from glycerine and phthalic anhydride. 2,014,889; Sept. 17.
- Goldschmidt, Stefan, Berlin, Germany, and E. Littmann, Haifa, Palestine, assignors to Kessler Chemical Corporation, New York, N. Y. Catalytic production of esters. 1,997,172; Apr. 9.
- Goldschmidt, Th., A.-G., et al. (See Fulda, W., Wiedbrauck, and Wittig, assignors.)
- Goldschmidt, Th., A.-G. (See Sandler, Wilhelm, assignor.)
- Goldschmidt, Th., A.-G. (See Schertel, Ludwig, assignor.)
- Goldschmidt, Th. A.-G., The. (See Wiedbrauck, E., and Biche, assignors.)
- Goldsmith, Alfred N., New York, N. Y., assignor to Radlo Corporation of America. Talking motion picture apparatus. 2,000,697; May 7.
- Goldsmith, Alfred N., New York, N. Y., assignor to Radio Corporation of America. Radio receiving system. 2,004,107; June 11.
- Goldsmith, Bertram J., and I. E. Stark, Allentown, Pa. Buckle. 2,012,466; Aug. 27.
- Goldsmith, Henry F., Elkins Park, Pa. Elastic tape mount. 2,013,146; Sept. 3.
- Goldsmith, Hugo, Cincinnati, Ohio. Valve for inflatable articles. 1,990,374; Feb. 5.
- Goldsmith, Maurice O. (See Melder, T., and Goldsmith.)
- Goldsmith, P., Sons Company, The. (See Sonnett, William A., assignor.)
- Goldsmith, Samuel J., Chicago, Ill. Garment protector. 2,003,114; May 28.
- Goldsmith, Samuel J., Chicago, Ill. Mask. 2,012,505; Aug. 27.
- Goldsmith, William, et al. (See Juergens, Edwin C., assignor.)
- Goldsmith, William, Oakland, Calif. Sway control machine. 1,999,452; Apr. 30.
- Goldstein, Charles, Chicago, Ill. Index slip holder. 1,998,503; Apr. 23.
- Goldstein, Harold, New York, N. Y. Adjustable heating infusion apparatus. 1,995,302; Mar. 26.
- Goldstein, Jacob. (See Goldstein, Meyer, and J.)
- Goldstein, Meyer, West Hazleton, and J. Goldstein, Wilkes-Barre, Pa. Miner's cap. 2,014,324; Sept. 10.
- Goldstein, Morris E., Cheyenne, Wyo. Combined flashlight and tool holder. 2,015,928; Oct. 1.
- Goldstein, Richard, Prestwich, England, assignor to Imperial Chemical Industries Limited. Azo dye and its preparation. 2,009,397; July 30.
- Goldstein, Richard F., Prestwich, England, assignor to Imperial Chemical Industries Limited. Diaminostilbene derivatives and their preparations. 2,009,396; July 30.
- Goldstein, Richard F., Prestwich, England, assignor to Imperial Chemical Industries Limited. Azo dye. 2,014,433; Sept. 17.
- Goldstein, Richard F., Sedgely Park, Prestwich, and F. E. Milsom, Huddersfield, England, assignors to Imperial Chemical Industries Limited. Azo dye and its production. 2,014,434; Sept. 17.
- Goldstine, Hallan E., Rocky Point, N. Y., assignor to Radio Corporation of America. Piezo-electric apparatus. 1,990,822; Feb. 12.
- Goldstine, Hallan E., and J. W. Conklin, Rocky Point, N. Y., assignors to Radio Corporation of America. Crystal controlled oscillator circuit. 1,989,442; Jan. 29.
- Goldstine, Hallan E., and J. W. Conklin, Rocky Point, N. Y., assignor to Radio Corporation of America. Crystal controlled generator. 2,021,722; Nov. 19.
- Goldweber, William M. (See De Mauro, Giuseppe, assignor.)
- Goldwyn Brothers. (See Goldwyn, G. I., and Waldman, assignors.)
- Goldwyn, George I., Chicago, Ill. Mending burlap bags. 1,989,191; Jan. 29.
- Goldwyn, George I., and N. Waldman, assignors to G. I. Goldwyn, and H. Goldwyn, Chicago, Ill., a co-partnership doing business as Goldwyn Brothers. Sewing machine. 2,013,884; Sept. 10.
- Goldwyn, Herman, et al. (See Goldwyn, G. I., and Waldman, assignors.)
- Goller, Eugene E., Chicago, Ill. Plumber's furnace. 1,995,118; Mar. 19.
- Golley, Earl K. (See Burgess, W. S., and Golley.)
- Gollwitzer, Walter T., assignor to Addressograph Company, Chicago, Ill. Printing machine. 1,987,900; Jan. 15.
- Gollwitzer, Walter T., Chicago, Ill., assignor to Addressograph Company, Wilmington, Del. Printing machine. 1,992,661; Feb. 26.
- Gollwitzer, Walter T., Chicago, Ill., assignor to Addressograph Company, Wilmington, Del. Printing machine. 1,992,662; Feb. 26.
- Gollwitzer, Walter T., Chicago, Ill., assignor to Addressograph Company, Wilmington, Del. Printing machine. 1,992,663; Feb. 26.

- Gollwitzer, Walter T., assignor to Addressograph Company, Chicago, Ill. Printing machine. 2,002,771; May 28.
- Gollwitzer, Walter T., assignor to Addressograph Company, Chicago, Ill. Printing machine. 2,002,772; May 28.
- Gollwitzer, Walter T., assignor to Addressograph Company, Chicago, Ill. Printing machine. 2,002,773; May 28.
- Gollwitzer, Walter T., Chicago, Ill., assignor to Addressograph Company, Wilmington, Del. Printing machine. 2,006,991; July 2.
- Gollwitzer, Walter T., Chicago, Ill., assignor to Addressograph Company, Wilmington, Del. Printing device. 2,022,195; Nov. 26.
- Golrick, Albert R., Shaker Heights, assignor to Sheldon K. Towson, Cleveland Heights, Ohio. Industrial truck. 1,999,188; Apr. 30.
- Gombar, Julius. (See Jager, M., and Gombar.)
- Gomborov, Estelle W. (See Williams, Villor P., assignor.)
- Gomes, Earl S., Cincinnati, Ohio. Shipping package. 1,997,968; Apr. 16.
- Gomes, Earl S., Cincinnati, Ohio. Shipping container. 2,013,346; Sept. 3.
- Gomes, Earl S., Cincinnati, Ohio. Fiberboard shipping container. 2,021,234; Nov. 19.
- Gomes, Earl S., Cincinnati, Ohio. Fiberboard container support. 2,021,235; Nov. 19.
- Gomonet, Eugene, Paris, France, assignor to Air Reduction, Incorporated, New York, N. Y. Separating air and similar gaseous mixtures by liquefaction and rectification. 2,009,084; July 23.
- Gomory, William L., Paris, France, assignor to Standard Oil Development Company. Art of and apparatus for converting hydrocarbons. 2,019,448; Oct. 29.
- Gomory, William L., Paris, France, assignor to Standard Oil Development Company. Art of and apparatus for converting hydrocarbons. 2,022,280; Nov. 26.
- Gomory, William L., Paris, France, assignor to Standard Oil Development Company. Apparatus for treating hydrocarbons to obtain high grade lubricating oils and lighter hydrocarbons. 2,025,384; Dec. 24.
- Gonard, John L., Englewood Cliffs, N. J. Device for preventing retrograde movement of vehicles. 2,025,234; Dec. 24.
- Gonda, Vilmos, Budapest, Hungary. Producing hollow objects. 1,995,977; Mar. 26.
- Gonder, Ralph. (See Miller, Paul M., assignor.)
- Gong Bell Manufacturing Company, The. (See Allen, Harold D., assignor.)
- Gong Bell Manufacturing Company, The. (See Conklin, John H., assignor.)
- Gonser, John C., Webberville, Mich. Heat tenderizer and cutter. 2,025,505; Dec. 24.
- Gonsett, Irene. (See Gonsett, Robert R., assignor.)
- Gonsett, Robert R., assignor to I. Gonsett, Los Angeles, Calif. Electromagnetic switch. 2,012,064; Aug. 20.
- Gonsett, Robert R., assignor to Irene Gonsett, Los Angeles, Calif. Circuit interrupter. 2,025,235; Dec. 24.
- Gonyer and Benson. (See Gonyer, Harry J., assignor.)
- Gonyer, Edward L. (See Moore, Harry G., assignor.)
- Gonyer, Harry J., assignor to Gonyer and Benson, Canton, Mass. Boat construction. 2,008,136; July 16.
- Gonyk, Ignatz, Vienna, Austria. Shuttle casing for sewing machines. 1,989,594; Jan. 29.
- Gonyk, Ignatz, Vienna, Austria. Sewing machine. 2,009,998; Aug. 6.
- Gonzales, Vicente, Chicago, Ill. Implement of warfare. 1,990,865; Feb. 12.
- González, Henry, New York, N. Y. Making ornamental thread objects. 2,001,192; May 14.
- González, Tomas B. (See Chávez, D. L. y. G., González, and Haro.)
- Gooch, Herbert L., Coral Gables, Fla., assignor to Josephine A. Gooch, Miami, Fla. Lawn mower. 2,016,939; Oct. 8.
- Gooch, Josephine A. (See Gooch, Herbert L., assignor.)
- Good, Charles W., H. G. Naylor, and T. J. Regan, Erie, Pa., assignors to Well-McLain Company, Michigan City, Ind. Air heating and humidifying apparatus. 1,994,130; Mar. 12.
- Good, Francis R., Wynnewood, assignor of fifty one-hundredths to F. H. Shaw, Glenside, Pa. Automobile radio device. 2,003,187; May 28.
- Good, Harry E., Hawera, New Zealand. Race starting barrier. 1,989,447; Jan. 29.
- Good, John N., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,986,472; Jan. 1.
- Good, John N., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Triple valve device. 2,014,890; Sept. 17.
- Good, Paul E., Riverton, N. J. Rotary compressor. 1,989,552; Jan. 29.
- Good, Roscoe F., U. S. Navy. Slip indicator. 1,996,760; Apr. 9.
- Good, Roscoe F., U. S. Navy, J. F. Fox, New Rochelle, N. Y., and G. Marcus, deceased, late of Brooklyn, N. Y., by Benjamin Marcus, executor. Internal combustion engine. 2,018,612; Oct. 22.
- Good, Russell W., et al. (See Erickson, Ohi, assignor.)
- Good Seed Company. (See Jacka, Harold E., assignor.)
- Goodall, Charles, Tutbury, Burton-on-Trent, England. Drying of timber or other materials. 2,006,018; June 25.
- Goodall, John M., High Barnet, and E. D. Regis, Cricklewood, England, assignors to General Electric Company. Electric switch gear. 2,010,716; Aug. 6.
- Goodall, William M., Oakhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 1,998,837; Apr. 23.
- Goodall Worsted Company. (See Holdsworth, Clifford, as signor.)
- Goodall Worsted Company. (See Nutter, Frank E., as signor.)
- Goodall Worsted Company. (See Nutter, W. S., and Holdsworth, assignors.)
- Goodchild, Frank D., and W. E. Benham, Aldwych, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Electron discharge tube. 2,004,605; June 11.
- Gooden, Ernest P., Council Bluffs, Iowa. Stepladder attachment. 2,010,588; Aug. 6.
- Gooderham, John W., Larchmont, N. Y., H. T. Budenbom, Short Hills, and K. S. Johnson, South Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone substation equipment. 1,993,780; Mar. 12.
- Goodeve, Charles F., London, England. Removal of sulphur dioxide from gases. 2,021,548; Nov. 19.
- Goodhand, Glenn, assignor to Eastman Kodak Company, Rochester, N. Y. Roll film container. 2,019,672; Nov. 5.
- Goodhart, Louis, St. Louis, Mo. Floor drain. 2,003,770; June 4.
- Goodhue, William L., Cleveland, Ohio, assignor to American Sheet and Tin Plate Company. Rolling sheet metal. 2,005,315; June 18.
- Goodin, James W. (See Graham, G. A., and Goodin.)
- Goodley, Charles, Kingston, N. Y., assignor to United States Lace Curtain Mills, Kingston, N. Y. Lace fabric. 2,024,573; Dec. 17.
- Goodlin, Carl L., Wilksburg, and T. J. O'Meara, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Lamp socket adapter. 2,004,200; June 11.
- Goodlin, Carl L., Wilksburg, and T. J. O'Meara, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Lamp socket adapter. 2,004,201; June 11.
- Goodline, George, Pawtucket, R. I. Shedding motion. 1,995,146; Mar. 19.
- Goodman, Abe H., St. Louis, Mo. Curtain and drapery attachment. 2,012,097; Aug. 20.
- Goodman, Clarence J., Milburn, N. J. Antislip device. 2,006,802; July 2.
- Goodman, Elizabeth A., Brooklyn, N. Y. Gas main stopper. 1,988,077; Jan. 15.
- Goodman, Emily, New York, N. Y. Lady's undergarment. 1,987,233; Jan. 8.
- Goodman Engineering Company. (See Cartlidge, Frank, assignor.)
- Goodman, George F., Jr., Philadelphia, Pa. Machine for making potato chips. 2,024,353; Dec. 17.
- Goodman, Hugh F. (See Seligman, R., and Goodman.)
- Goodman, Hugh F. (See Seligman, R., Crosby, and Goodman.)
- Goodman, Isaac H., Pampa, Tex., assignor to Phillips Petroleum Company, Bartlesville, Okla. Valve. 1,999,808; Apr. 30.
- Goodman, Jacob, Brooklyn, N. Y., assignor to Delmeco Company, Inc. Eyelash curler. 1,987,931; Jan. 15.
- Goodman, Jacob A., et al. (See Adler, Philip, assignor.)
- Goodman, Jacob A., Indianapolis, Ind. Producing knitted goods. 2,010,632; Aug. 6.
- Goodman, Jacob A., Indianapolis, Ind. Sewing machine for and method of forming stitching. 2,012,560; Aug. 27.
- Goodman Manufacturing Company. (See Bergmann, Ernst R., assignor.)
- Goodman Manufacturing Company. (See Cartlidge, Frank, assignor.)
- Goodman Manufacturing Company. (See Driebehaus, Herman W., assignor.)
- Goodman Manufacturing Company. (See Goodman, William E., assignor.)
- Goodman Manufacturing Company. (See Jones, L. F., and Radius, assignors.)
- Goodman Manufacturing Company. (See Kraft, Robert H., assignor.)
- Goodman Manufacturing Company. (See Lindgren, Frank A., assignor.)
- Goodman Manufacturing Company. (See McCarthy, Timothy F., assignor.)
- Goodman Manufacturing Company. (See Pratt, Charles A., assignor.)
- Goodman Manufacturing Company. (See Pray, Thomas E., assignor.)
- Goodman Manufacturing Company. (See Sloane, William W., assignor.)
- Goodman Manufacturing Company. (See Vander Hulst, William N. A., assignor.)
- Goodman Manufacturing Company. (See Walter, Raymond A., assignor.)
- Goodman, Mary A., Hartford, Conn. Undergarment for women. 2,010,483; Aug. 6.
- Goodman, Percival, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Chair. 1,988,788; Jan. 22.
- Goodman, Solomon, Brooklyn, N. Y. Lace yoke and making the same. 2,003,998; June 4.

- Goodman, William E., assignor to Goodman Manufacturing Company, Chicago, Ill. Car puller. 1,991,157; Feb. 12.
- Goodman, William J., and J. W. Lang, Milltown, N. J. Closure fastener. 1,993,659; Mar. 5.
- Goodman, William W., Miami Beach, Fla. Storm shutter. 2,012,388; Aug. 27.
- Goodrich, B. F., Company. (See Beebe, John D., assignor.)
- Goodrich, B. F., Company, The. (See Bodle, Virgil H., assignor.)
- Goodrich, B. F., Company, The. (See Brucker, Ferdinand F., assignor.)
- Goodrich, B. F., Company, The. (See Busenburg, Earl B., assignor.)
- Goodrich, B. F. Company, The. (See Cadden, Charles C., assignor.)
- Goodrich, B. F., Company, The. (See Colley, Russel S., assignor.)
- Goodrich, B. F., Company, The. (See Collins, Arthur E., assignor.)
- Goodrich, B. F., Company, The. (See Craig, David, assignor.)
- Goodrich, B. F., Company, The. (See Davis, George C., assignor.)
- Goodrich, B. F., Company, The. (See Dodge, Howard M., assignor.)
- Goodrich, B. F. Company, The. (See Fenton, Frank, assignor.)
- Goodrich, B. F., Company, The. (See Ford, Tirey F., assignor.)
- Goodrich, B. F. Company, The. (See Gammeter, John R., assignor.)
- Goodrich B. F., Company, The. (See Griffiths, Roy H., assignor.)
- Goodrich, B. F., Company, The. (See Haren, U. C., and Sapp, assignors.)
- Goodrich, B. F., Company, The. (See Haushalter, Fred L., assignor.)
- Goodrich, B. F., Company. (See Heldenbrand, Carl H., assignor.)
- Goodrich, B. F., Company, The. (See Heldenbrand, C. H., Haren, and Slusher, assignors.)
- Goodrich, B. F. Company, The. (See Homeier, Otto F., assignor.)
- Goodrich, B. F., Company, The. (See James, James V., assignor.)
- Goodrich, B. F., Company, The. (See Jones, Clarence L., assignor.)
- Goodrich, B. F., Company, The. (See Karrer, Enoch, assignor.)
- Goodrich, B. F., Company, The. (See Leguillon, Charles W., assignor.)
- Goodrich, B. F., Company, The. (See MacLachlan, Andrew D., assignor.)
- Goodrich, B. F., Company, The. (See Merrill, Allan B., assignor.)
- Goodrich, B. F., Company, The. (See Merrill, A. B., and Curtis, assignors.)
- Goodrich, B. F. Company, The. See Mayne, Robert, assignor.)
- Goodrich, B. F., Company, The. (See Meyer, Ernest, assignor.)
- Goodrich, B. F., Company, The. (See Moffitt, Lucian Q., assignor.)
- Goodrich, B. F., Company, The. (See Moule, Glenn B., assignor.)
- Goodrich, B. F., Company, The. (See Nakane, Takashi, assignor.)
- Goodrich, B. F., Company, The. (See Nathan, T. D., and Merrill, assignors.)
- Goodrich, B. F., Company, The. (See Partridge, Edward G., assignor.)
- Goodrich, B. F., Company, The. (See Reed, Marion C., assignor.)
- Goodrich, B. F., Company, The. (See Robert, Walter C., assignor.)
- Goodrich, B. F., Company, The. (See Schanz, George H., assignor.)
- Goodrich, B. F., Company, The. (See Semon, Waldo L., assignor.)
- Goodrich, B. F., Company, The. (See Semon, W. L., and Ford, assignors.)
- Goodrich, B. F., Company, The. (See Semon, W. L., and Sloan, assignors.)
- Goodrich, B. F., Company, The. (See Shank, McC., and Flikkie, assignors.)
- Goodrich, B. F., Company, The. (See Sheyhan, Fred G., assignor.)
- Goodrich, B. F., Company, The. (See Sloan, Arthur W., assignor.)
- Goodrich, B. F., Company, The. (See Tritt, Forest G., assignor.)
- Goodrich, B. F., Company, The. (See Waner, Harry E., assignor.)
- Goodrich, Charles W. M. (See Ernst, H., and Goodrich.)
- Goodrich, Charles W. M. (See Ernst, H., Goodrich, and Neuninger.)
- Goodrich, David M., Mt. Kisco, N. Y. Wheel and tire assembly. 2,016,776; Oct. 8.
- Goodrich Electric Company. (See Saaf, Dirk G., assignor.)
- Goodrich, Ernest P., Brooklyn, N. Y. Signaling system. 1,993,056; Mar. 5.
- Goodrich, George N., Walled Lake, Mich., and C. G. Reetz, assignors to National Battery Company, St. Paul, Minn. Battery grid casting machine. 1,985,893; Jan. 1.
- Goodrich, George N., Walled Lake, Mich., and C. G. Reetz, assignors to National Battery Company, St. Paul, Minn. Collecting machine for battery plates. 1,993,370; Mar. 5.
- Goodrich, Hunter. (See Breitenbach, Eugene V., assignor.)
- Goodrich, J. D., et al. (See Silber, Tj., assignor.)
- Goodrich, Robert J. (See Gubelmann, I., Goodrich, and Dettwyler.)
- Goodrich, Robert J., South Milwaukee, and J. Deinet, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Indanthrone printing color. 1,993,660; Mar. 5.
- Goodrum, Charles L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone apparatus. 2,014,525; Sept. 17.
- Goodsell, Ira R. (See Thomas, Claud L., assignor.)
- Goodsman, Charles W., Portland, Oreg., assignor to Frigid Fluid Company. Burial vault lowering device. 2,008,444; July 16.
- Goodsman, Charles W., Portland, Oreg., assignor to Frigid Fluid Company. Conveying device. 2,008,445; July 16.
- Goodspeed, Elvin S., assignor to General Motors Corporation, Detroit, Mich. Electric welding head. 2,007,602; July 9.
- Goodspeed Machine Company. (See Hall, Walter H., assignor.)
- Goodstein, Charles B., et al. (See Sorenson, Wendell L., assignor.)
- Goodstein, Joseph, New York, N. Y. Filler for quilts or the like. 2,001,782; May 21.
- Goodwillie, David H., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Method and apparatus for polishing sheet glass. 1,989,408; Jan. 29.
- Goodwillie, David H., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Process and apparatus for producing case hardened glass. 2,026,165; Dec. 31.
- Goodwillie, David H., and E. L. Walters, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cut-off mechanism for sheet material. 2,002,346; May 21.
- Goodwin, Edward F., Seattle, Wash. Safety adjuster for casements and the like. 2,021,357; Nov. 19.
- Goodwin, Ernest, assignor to Brantford Roofing Company, Limited, Brantford, Ontario, Canada. Dipping asphalt shingles. 2,015,929; Oct. 1.
- Goodwin, Ernest G., Pelham, assignor to Standard Coupler Company, New York, N. Y. Stabilizer bolster. 2,009,770; July 30.
- Goodwin, Ernest G., Pelham, assignor to Standard Coupler Company, New York, N. Y. Car stabilizer. 2,009,771; July 30.
- Goodwin, George. (See Miller, A., and Goodwin.)
- Goodwin, George R., assignor to Royal Electric Company, Incorporated, Avon, Mass. Plug fuse. 2,013,147; Sept. 3.
- Goodwin, Harold R. (See Goodwin, John F., assignor.)
- Goodwin, Harry L., Sr. (See Miller, E. J., Goodwin, and Miller.)
- Goodwin, John F., Sarnia, Ontario, Canada, assignor of one-fourth to H. R. Goodwin, Detroit, Mich. Float valve. 2,007,048; July 2.
- Goodwin, Ralph T., Elizabeth, N. J., assignor to Standard Oil Development Company. Removing ash-forming components from crude petroleum oil. 2,009,710; July 30.
- Goodwin, William N., Jr., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Tube tester. 2,025,163; Dec. 24.
- Goodyear, Charles H., assignor of one-half to F. C. Stettler, Portland, Oreg. Flap locking shipping box. 1,986,145; Jan. 1.
- Goodyear, Ernest F., Moxhall Park, Wishaw, and J. Wright, Stoke Park, Coventry, assignors to Dunlop Rubber Company, Limited, London, England. Hub brake. 2,017,715; Oct. 15.
- Goodyear-Zeppelin Corporation. (See Klemperer, Wolfgang B., assignor.)
- Goodyear-Zeppelin Corporation. (See Loudenslager, Oscar W., assignor.)
- Googly Limited. (See Dobbins, Edward J., assignor.)
- Goos, Arthur W. (See Olson, E. T., and Goos.)
- Goosman, Herbert J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread-case rotation-restraining means. 2,007,894; July 9.
- Goosman, Herbert J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Loop-taker for sewing machines. 2,015,472; Sept. 24.
- Goost, Theodor, Cologne-Mulheim, and W. Lommel, Leverkusen-Wiesdorf, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purification of pyridine. 2,016,426; Oct. 8.
- Gordon, Albert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Feeler moving mechanism. 1,991,089; Feb. 12.
- Gordon, Albert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin receiving and guiding device for automatic looms. 2,009,174; July 23.
- Gordon, Albert A., and W. M. Wattie, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Magazine control mechanism. 1,990,280; Feb. 5.

- Gordon, Beirne, Jr., and H. J. V. Michel, assignors to Skenandoo Rayon Corporation, Utica, N. Y. Artificial silk manufacture. 2,002,481; May 21.
- Gordon, Charles, et al., cotrustees. (See Hirshfeld, Clarence F., assignor.)
- Gordon, Charles B., Dalbeattie, Scotland. Model watercraft and aircraft. 1,994,274; Mar. 12.
- Gordon, Charles W., Munster, Ind., assignor to The Superheater Company, New York, N. Y. Method and apparatus for making finned articles. 1,990,069; Feb. 5.
- Gordon, Charles W., Munster, Ind., assignor to The Superheater Company, New York, N. Y. Compensating superheater. 1,990,901; Feb. 12.
- Gordon, Charles W., Munster, Ind., assignor to The Superheater Company, New York, N. Y. Compensating superheater. 2,023,223; Dec. 3.
- Gordon, Charles W., Munster, Ind., assignor to The Superheater Company, New York, N. Y. Automatic drain valve. 2,024,574; Dec. 17.
- Gordon, Charles W., Munster, Ind., assignor to The Superheater Company, New York, N. Y. Compensating superheater. 2,026,126; Dec. 31.
- Gordon, Chester S., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coating for insulated wires. 2,008,277; July 16.
- Gordon, Christopher J., assignor of one-third to H. E. Cooke, and one-third to C. W. Cooke, Lancaster, Pa. Combination fuse and switch box. 2,021,256; Nov. 19.
- Gordon, David, assignor of one-third to N. Gordon, Bridgeport, Conn. Optical system and means used therein. 1,987,821; Jan. 15.
- Gordon, George, Harrington Park, N. J., assignor, by mesne assignments, to M. S. Reisman, New York, N. Y. Scanning for television purposes and apparatus therefor. 2,013,559; Sept. 3.
- Gordon, Graham M., assignor to Viber Company, Limited, Los Angeles, Calif. Method and apparatus for compacting and dewatering cementitious materials. 1,989,409; Jan. 29.
- Gordon, Harry S., Utica, N. Y. Earthholder for funeral services. 2,012,164; Aug. 20.
- Gordon, Harry W., (See Cather, C. B., and Gordon.)
- Gordon, Jack, Brooklyn, N. Y. Card game apparatus. 1,996,151; Apr. 2.
- Gordon, Hiram, assignor to The Walker T. Dickerson Company, Columbus, Ohio. Arch construction for women's shoes. 2,021,650; Nov. 19.
- Gordon, Joseph C., assignor to Black, Sivalls & Bryson, Inc., Oklahoma City, Okla. Apparatus for treating liquids. 2,003,559; June 4.
- Gordon, Melvin C., and D. Oliva, Lincoln, Calif. Peach turning apparatus. 1,988,381; Jan. 15.
- Gordon, Nathan. (See Gordon, David, assignor.)
- Gordon, Roy F., Bennington, Nebr. Seat ventilating and cooling device for automobiles. 2,022,959; Dec. 3.
- Gordon, Samuel E., San Francisco, Calif. Dividing barrier for a game and controlling the same. 1,998,454; Apr. 23.
- Gordon, Thomas H., assignor to A. P. de Sauno, Jr., Philadelphia, Pa. Workholder. 1,992,147; Feb. 19.
- Gordon, Tulane, et al. (See Alley, Thomas R., and J. D., assignors.)
- Gore, Freelon M., Oaklyn, assignor to Audubon Wire Cloth Corporation, Audubon, N. J. Wire belt. 2,001,677; May 14.
- Gore, Harvey C., and J. H. Nunn, Jr., Snyder, Tex., said Gore assignor to said Nunn. Oil burner. 2,020,777; Nov. 12.
- Gore, Herbert C., Scarsdale, Stephen Józsa, and C. N. Frey, New York, N. Y., assignors to Standard Brands, Incorporated, Dover, Del. Production of malt sirup. 2,000,169; May 7.
- Gore, James L., Chicago, Ill., assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Stacking machine. 2,020,027; Nov. 5.
- Goreth, Joseph, Leipzig, Germany. Device for cutting, punching, and drilling section iron. 1,988,551; Jan. 22.
- Gorham, Walter G. (See Murphy, E. A., and Gorham.)
- Gorham, Walter G., Erdington, Birmingham, and G. W. Trobridge, Sutton Coldfield, England, assignors to Dunlop Rubber Company Limited, London, England. Method of and apparatus for the production of goods of rubber or similar material. 2,001,305; May 14.
- Gorlissen, Engelbert, Wuppertal-Barmen, Germany. Blower, more particularly for use in vacuum cleaners. 2,000,480; May 7.
- Goriup, Frank J., McKees Rocks, assignor to Wolverine Supply and Manufacturing Company, Pittsburgh, Pa. Toy washing machine. 2,001,822; May 21.
- Goriup, Frank J., McKees Rocks, assignor to Wolverine Supply and Manufacturing Company, Pittsburgh, Pa. Toy vehicle. 2,012,343; Aug. 27.
- Gorker, Ralph L., Chicago, Ill. Brush. 2,010,147; Aug. 6.
- Gorman, Gilbert T., New York, N. Y. Cigarette support. 2,021,415; Nov. 19.
- Gorman, Henry B., Lynchburg, Va., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,014,891; Sept. 17.
- Gorman, John W., and H. W. Churco, Lakewood, Ohio. Side bumper for vehicles. 1,998,134; Apr. 16.
- Gorman, Meyer J., Boston, and F. S. Blanchard, Stoneham, assignors to Ideal Can Company, Everett, Mass. Safety can. 2,014,730; Sept. 17.
- Gorman-Rupp Company. (See Rupp, Herbert E., assignor.)
- Gorman, William D., Philadelphia, Pa., and C. Moses, New York, N. Y., assignors to H. Brinton Company, Philadelphia, Pa. Knitting machine. 2,000,837; May 7.
- Görnitz, Karl. (See Schotte, H., and Görnitz.)
- Gorse, Frank W., Co. (See Smith, Harold A., assignor.)
- Gorsuch, Robert A., assignor to The Congor Mfg. Company, Gambier, Ohio. Combination shipping box and feeder. 2,015,341; Sept. 24.
- Gorton, Clyde B., assignor to C. B. McClellan, Chicago, Ill. Coin chute. 1,987,292; Jan. 8.
- Gorton, George, Racine, Wis. Machine tool. 1,989,007; Jan. 22.
- Gorton, George, Racine, Wis. Worktable for machine tools. 1,999,900; Apr. 30.
- Gorton, George, Racine, Wis. Swingable support for engraving machine cutter heads. 2,000,838; May 7.
- Gorton, George, Racine, Wis. Brake for rotary spindle machine tools and the like. 2,013,492; Sept. 3.
- Gorton, George, 3d, P. M. Henkes, and G. Horner, assignors to George Gorton Machine Company, Racine, Wis. Machine tool. 2,005,696; June 18.
- Gorton, George, Machine Company. (See Gorton, G., Henkes, and Horner, assignors.)
- Gory, Ely F., Wilsonville, Ill. Safety attachment for drilling machines. 1,995,422; Mar. 26.
- Gosch, William H., assignor to The Nolde and Horst Company, Reading, Pa. Hosiery packaging. 2,020,829; Nov. 12.
- Goshaw, Irl R., Nutley, N. J. Fluid control unit. 1,996,330; Apr. 2.
- Goshen Manufacturing Company, The. (See Weaver, Earl L., assignor.)
- Goshi Kaisha Tsudashiki Pump Seisakusho. (See Tsuda, Kijiro, assignor.)
- Goshorn, Robert R., and E. C. Booth, Indianapolis, Ind., assignors to Noblitt-Sparks Industries, Inc. Electric heater. 1,998,670; Apr. 23.
- Goss, Albert, Dunedin, Fla. Collapsible tube cap. 2,003,506; June 4.
- Goss, Byron C., assignor to United States Ordnance Engineers, Inc., Cleveland, Ohio. Disabling and incapacitating gas generating chemical. 2,000,131; May 7.
- Goss, Harold. (See Cole, H. H., and Goss.)
- Goss, Harry E., Pasadena, Calif. Shower receptor. 2,025,814; Dec. 31.
- Goss, John H. (See Reutter, F., and Goss.)
- Goss, Oliver P. M., and W. C., Seattle, Wash., assignors to Carlisle Lumber Company. Pocket routing machine. 1,995,505; Mar. 26.
- Goss Printing Press Company. (See Brueshaber, M. W., and Lang, assignors.)
- Goss Printing Press Company, The. (See Buttner, Horace J., assignor.)
- Goss Printing Press Company, The. (See Crafts, Curtis S., assignor.)
- Goss Printing Press Company, The. (See Crafts, C. S., and Harless, assignors.)
- Goss Printing Press Company, The. (See Durham, Hobart N., assignor.)
- Goss Printing Press Company, The. (See Fankboner, Harland, assignor.)
- Goss Printing Press Company, The. (See Harless, C. A., and Tuttle, assignors.)
- Goss Printing Press Company, The. (See Imshaug, Arnold, assignor.)
- Goss Printing Press Company, The. (See Richter, Charles J., assignor.)
- Goss Printing Press Company, The. (See Smith, Ernest J., assignor.)
- Goss Printing Press Company, The. (See Wewsberry, Charles, assignor.)
- Goss, Samuel G., Glencoe, assignor to Halsam Products Company, Chicago, Ill. Embossed wheel. 2,008,278; July 16.
- Goss, Worth C. (See Goss, Oliver P. M. and W. C.)
- Goss, Worth C., Seattle, Wash., assignor to Humidity Control Company. Hygroscopic element for indicators and the like. 1,993,441; Mar. 5.
- Goss, Worth C., Seattle, Wash., assignor to Humidity Control Company. Hygrometer. 2,010,148; Aug. 6.
- Gossard, H. W., Company. (See Park, M., and Martin, assignors.)
- Gossard, H. W., Company, The. (See Wipperman, Hildegard, assignor.)
- Gossett, Bryant W. (See McGhee, C. R., and Gossett.)
- Gossiau, Fritz, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Machine set composed of two engines and a driven machine. 2,002,316; May 21.
- Gossiau, Fritz, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Two-cycle internal combustion engine. 2,013,983; Sept. 10.
- Gossiau, Fritz, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Cylinder head for internal combustion engines. 2,025,506 Dec. 24.
- Gossiau, Fritz, Berlin-Charlottenburg, and J. Lusznat, Berlin-Haselhorst, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Cooling arrangement for internal combustion engines. 1,997,173; Apr. 9.
- Gossner, Edwin L. E., San Francisco, Calif. Drapery display device. 2,016,741; Oct. 8.

- Gosudarstvennoje Uesofuznoje Objedinenje Elektrolabotchnoj Promshlennosti. (See Ramlau, Paul N., assignor.)
- Göth, Hans E. A., assignor to Industrikemiska Aktiebolaget, Stockholm, Sweden. Method and apparatus for heat transmission. 2,009,175; July 23.
- Goth, Imre, Berlin, Germany. Shoe with elastic rubber insert. 2,001,841; May 21.
- Gotthard Waggonfabrik Aktiengesellschaft. (See Culemeyer, Johann, assignor.)
- Gotham Pressed Steel Corporation. (See Anderson, Charles A., assignor.)
- Gotham Silk Hosiery Company. (See Baker, P. W., and Schiffner, assignors.)
- Gothe, Albrecht, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna. 1,988,592; Jan. 22.
- Gothe, Albrecht, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna arrangement for the reception of short electrical waves. 1,996,804; Apr. 9.
- Gothe, Albrecht, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Directive aerial system. 2,005,779; June 25.
- Gothe, Albrecht, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmission line. 2,018,353; Oct. 22.
- Gotfried, Carl A., Grand Rapids, Mich. Foldable combination ash tray. 1,992,421; Feb. 26.
- Gotthofer, Nathan R. (See Epstein, C. H., and Gotthofer.)
- Gottlieb, Hans B. (See Vanderbilt, B. M., and Gottlieb.)
- Gottlieb, Jacob, Gastonia, N. C. Identifying means for thread and yarn packages. 2,026,032; Dec. 31.
- Gottlieb, Max E., Cleveland Heights, Ohio. Artificial grass mat. 2,013,148; Sept. 3.
- Gottlieb, Stella A., New York, N. Y. Carton or container. 2,002,005; May 21.
- Gottschalk, Hubert, New York, N. Y. Clutch disk. 2,015,890; Oct. 1.
- Gottstein, Lewis, assignor of one-half to Carson Pirie Scott & Company, Chicago, Ill. Dispensing cabinet. 2,008,015; July 16.
- Gottwald, Christian, Cleveland Heights, assignor to The Ric-wil Company, Cleveland, Ohio. Conduit and conduit system. 1,991,455; Feb. 19.
- Gottwald, Christian, Cleveland Heights, assignor to The Ric-wil Company, Cleveland, Ohio. Conduit and like construction. 2,005,699; June 18.
- Gottwald, Christian, Cleveland Heights, and H. R. Hawgood, assignors to The Ric-wil Company, Cleveland, Ohio. Conduit. 2,005,704; June 18.
- Götz, Karl, Lauter, Germany. Crank press. 2,023,319; Dec. 3.
- Götz, Lenore, heir. (See Götz, Richard.)
- Götz, Richard, deceased, Berlin-Lichterfelde-Süd, Germany. L. Götz, heir. Cageless roller bearing. 1,995,978; Mar. 26.
- Goudet, Hugues. (See Chireix, H., and Goudet.)
- Gough, Arthur C., assignor to C. F. Cowdrey, Jr., Fitchburg, Mass. Machine for applying skirted caps to receptacles. 2,010,392; Aug. 6.
- Gough, Arthur C., assignor to C. F. Cowdrey, Jr., Fitchburg, Mass. Molding articles from pulp material. 2,015,426; Sept. 24.
- Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric toaster. 1,996,015; Mar. 26.
- Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric heating unit. 2,019,780; Nov. 5.
- Gough, Joseph, Newark, N. J., assignor to Gough Stemming Machine Corporation, New York, N. Y. Leaf separator and feeder. 1,987,103; Jan. 8.
- Gough, Joseph, Newark, N. J., assignor to Gough Stemming Machine Corporation, New York, N. Y. Leaf stemmer. 1,998,894; Apr. 23.
- Gough Stemming Machine Corporation. (See Gough, Joseph, assignor.)
- Gould, Allen A., Cleveland, Ohio. Wall structure with movable section. 2,009,445; July 30.
- Gould Coupler Company, The. (See Richards, Willard F., assignor.)
- Gould Coupler Company, The. (See Smith, Harold K., assignor.)
- Gould Coupler Company, The. (See Suckow, Frederick G., assignor.)
- Gould & Eberhardt. (See Zimmermann, William F., assignor.)
- Gould, Edgar R., Brookline, Mass. Vaporizer in atmosphere of electrically charged gas. 2,016,491; Oct. 8.
- Gould, Frank N., and D. R. Henderson, Minneapolis, Minn. Ventilator for conveyances. 1,998,504; Apr. 23.
- Gould, Harold W., Evanston, and A. J. Matter, Park Ridge, assignors to Crane Packing Company, Chicago, Ill. Supporting joint. 1,996,761; Apr. 9.
- Gould, Henrietta G., Des Moines, Iowa. Antiskid device for apparel shoes. 1,995,028; Mar. 19.
- Gould, Herman. (See Ackerman, F., and Gould.)
- Gould, Ralph E., Los Angeles, Calif. Carburetor. 1,988,653; Jan. 22.
- Gould, Reuben, Jersey City, N. J. Holder for collapsible tubes and the like. 1,998,232; Apr. 16.
- Gould, Richard, assignor to Municipal Shoe Co., Inc., Brooklyn, N. Y. Machine for assembling shoes. 1,994,216; Mar. 12.
- Gould Storage Battery Corporation. (See Booss, Frederick E. E., assignor.)
- Gould Storage Battery Corporation. (See Chamberlain, Rufus N., assignor.)
- Gouldbourn, Joseph, and T. A. Kestell, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,991,456; Feb. 19.
- Gouldbourn, Joseph, and F. Ricks, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Method and machine for use in the manufacture of shoes and product thereof. 1,995,303; Mar. 26.
- Gouldbourn, Joseph, and W. R. Barclay, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Abrading machine. 1,999,291; Apr. 30.
- Goulder, Herbert G. (See Hughes, Hugh T., assignor.)
- Goulds Pumps, Inc. (See Mann, John, assignor.)
- Gouloze, Martin J., Grand Rapids, assignor to Kelvinator Corporation, Detroit, Mich. Refrigerator latch. 2,021,914; Nov. 26.
- Gouriaud, Michel, Paris, France, assignor to Compagne Generale de Telegraphie Sans Fil, Paris, France. Aerial of low directional effect and horizontal polarization. 2,017,121; Oct. 15.
- Gourley, Glenn T., and F. J. Malat, assignors to The General Fireproofing Company, Youngstown, Ohio. Card cabinet. 1,993,477; Mar. 5.
- Gourley, William J. (See Barney, F. H., and Gourley.)
- Gourley, William J., and F. H. Barney, Fort Worth, Tex. Beam hanger. 2,001,247; May 14.
- Gouverneur, Minor F. H., assignor to Locke Insulator Corporation, Baltimore, Md. Insulator suspension hardware. 1,998,406; Apr. 16.
- Govanus, Elmer J., assignor of one-half to W. G. Govanus, Chicago, Ill. Nailing tool. 2,009,580; July 30.
- Govanus, Walter G. (See Govanus, Elmer J., assignor.)
- Gove, Winfield D., Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Control for infinitely variable transmission. 1,996,805; Apr. 9.
- Government and the People, Free use of the. (See Gaus, George E.)
- Government and the People of the United States of America. (See Cotton, R. T., and Young, assignors.)
- Government and the People of the United States, Dedicated to. (See Hardgrove, Ralph M., assignor.)
- Government and the People of the United States, Dedicated to the free use of the. (See Green, Edmund L., assignor.)
- Government of The United States, The. (See Blee, H. H., Breckenridge and Lynch, assignors.)
- Government of the United States. (See Diamond, Harry, assignor.)
- Government of the United States. (See Diamond, H., and Dunmore, assignors.)
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Manufacture of high viscosity index lubricating oil of low pour test. 1,995,147; Mar. 19.
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Filtration of wax from oil. 2,003,664; June 4.
- Govoni, Enrico, West Hartford, Conn. Reed container. 1,997,820; Apr. 16.
- Gow, Arthur R., Cross Gates, Leeds, assignor to Fairbairn Lawson Combe Barbour Limited, Leeds, England. Rove stop mechanism. 2,019,673; Nov. 5.
- Gowen, Robert F., Ossining, N. Y., and J. L. Bradford, Elizabeth, N. J., assignors, by mesne assignments, to Radio Corporation of America. Vacuum device. 2,005,419; June 18.
- Gowing, Nathan H., Norfolk, Va. Battery protector. 2,022,595; Nov. 26.
- Graafen, Ferdinand, Zwickau, Germany. Water tube boiler. 2,005,543; June 18.
- Graafen, Ferdinand, Zwickau, Germany. Furnace grate. 2,005,544; June 18.
- Graafstal, Keimpe T., Bloemendaal, Netherlands. Woven fabric. 2,022,236; Nov. 26.
- Grab, Gustav A., assignor to Willamette-Hyster Company, Portland, Ore. Lumber carrier with front lift. 2,008,324; July 16.
- Grabarse, Manfred. (See Hoffmann, L., and Grabarse.)
- Grabb, George W., Sharpshurg, assignor of one-half to R. T. Scully, Pittsburgh, Pa. Shoe attachment for arch supports. 2,000,591; May 7.
- Grabill, John D., Woodstock, Va. Fruit picker's bag. 1,992,369; Feb. 26.
- Grable, Minnie K. (See Ebert, L. G., and Grable.)
- Grabler Manufacturing Company, The. (See McCabe, Frank E., assignor.)
- Grabler, Peter, Rocky River, assignor to L. E. Shunk, Akron, Ohio. Package. 2,006,212; June 25.
- Grabosky, Benj. L., et al. (See Lincoln, Benjamin A., assignor.)
- Grabosky Brothers, et al. (See Lincoln, Benjamin A., assignor.)
- Grabosky, S., et al. (See Lincoln, Benjamin A., assignor.)
- Grace, Bertram B., and J. S. P. Robertson, Aldwych, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Acoustic device. 2,025,385; Dec. 24.
- Grace, Charles J., London, England. Carburetor. 2,014,763; Sept. 17.
- Grace, Charles J., London, England. Carburetor. 2,024,638; Dec. 17.

- Grace, Margaret E., Detroit, Mich. Clothes stick. 2,011,896; Aug. 20.
- Gracia, Albert J., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preparing dithiazyl disulphides. 2,024,575; Dec. 17.
- Grade, Joseph Y. (See Zinke, O. A., and Grade.)
- Gradhe, Eric R., assignor to Detroit Lubricator Company, Detroit, Mich. Pump mechanism. 2,007,140; July 2.
- Grading, Emil P., assignor to Golden Star Polish Manufacturing Company, Kansas City, Mo. Mop. 1,989,978; Feb. 5.
- Grady, Charles B., West Orange, N. J. Gas treating apparatus. 2,004,108; June 11.
- Grady, Charles B., West Orange, N. J. Gas treating apparatus. 2,013,270; Sept. 3.
- Grady, Charles B., West Orange, N. J., assignor to Metropolitan Engineering Company. Furnace. 1,999,046; Apr. 23.
- Grady, J. H., Manufacturing Company. (See Grady, John H., assignor.)
- Grady, John H., assignor to J. H. Grady Manufacturing Company, St. Louis, Mo. Ball. 2,006,861; July 2.
- Grady, Stephen S., Magnolia, N. C., assignor to Fusoid Electric Co., Inc. Circuit breaker. 2,024,216; Dec. 17.
- Grady, Stephen S., Magnolia, N. C., assignor to Fusoid Electric Co., Inc. Circuit breaker. 2,024,217; Dec. 17.
- Graeber, Jacob F., Norristown, Pa., assignor to The National Tag Manufacturing Corporation, New York, N. Y. Ticket-stringing apparatus. 2,004,163; June 11.
- Graebner, Otto F., Detroit, Mich., assignor to The Murray Corporation of America. Vehicle pillar. 1,998,895; Apr. 23.
- Graebner, Otto F., Detroit, Mich., assignor to The Murray Corporation of America. Roof construction. 2,013,462; Sept. 3.
- Graebner, Otto F., Detroit, Mich., assignor to The Murray Corporation of America. Vehicle door pocket. 2,019,674; Nov. 5.
- Graebner, Winfred H. (See Abrams, A., Anthony, Brabender, and Graebner.)
- Graefe, Edmund, Dresden, Germany. Glass container and producing the same. 1,997,055; Apr. 9.
- Graenacher, Charles. (See Barz, F., Landolt, Geigy, Kaegi, and Graenacher.)
- Graenacher, Charles, Basel, and F. Ackermann, Binningen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Imidazole derivatives, useful especially as textile assistants and making same. 2,004,864; June 11.
- Graenz, Alfred, Philadelphia, Pa., assignor to Non-Run Fabric and Machine Co., Inc., New York, N. Y. Knitted fabric. 2,023,882; Dec. 10.
- Graf, Augusto, Mexico, D. F., Mexico. Furnace. 1,991,203; Feb. 12.
- Graf, Edwin L. (See Flynn, J. B., and Graf.)
- Graf, Edwin L., assignor to Ternestdt Manufacturing Company, Detroit, Mich. Window regulator. 2,010,075; Aug. 6.
- Graf, Emil, Jamaica, assignor of one-half to H. E. Rubens, New York, N. Y. Coin testing device. 2,003,771; June 4.
- Graf, Herman R., Jackson, Mich. Window construction. 2,010,298; Aug. 6.
- Graf, Joseph J., Scranton, Pa. Detector. 2,007,800; July 9.
- Graf, Julius E., Avalon, and W. A. Marshall, Sharon, Pa., assignors to American Sheet and Tin Plate Company. Sheet piler. 2,017,044; Oct. 15.
- Graf, Leo, Cologne, Germany. Electric spark plug. 2,018,783; Oct. 29.
- Graff-Baker, William S., Kensington, London, England, assignor to Otis Elevator Company, New York, N. Y. Moving stairway. 2,005,067; June 18.
- Graham, Albert S., assignor to Columbian Rope Company, Auburn, N. Y. Bundle tying machine. 2,022,596; Nov. 26.
- Graham, David F. (See Linendoll, A. E., and Graham.)
- Graham, Donald P. (See Wuertz, A. J., Graham, and Perkins.)
- Graham, Donald P., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. 1-arylamino-6-amino-anthraquinone and its preparation. 1,996,959; Apr. 9.
- Graham-Enock, Arthur, Stamford Hill, London, assignor of one-half to Graham-Enock Manufacturing Company Limited, London, England. Pasteurizing apparatus for liquids. 1,999,323; Apr. 30.
- Graham-Enock Manufacturing Company Limited. (See Graham-Enock, Arthur, assignor.)
- Graham, Frank A. (See Green, E. F., and Graham.)
- Graham, Frank F. (See Gray, W. D., and Graham.)
- Graham, Frank F., Jr., Cardiff, Md. Broaching tool. 2,003,144; May 28.
- Graham, Frank F., Cardiff, Md., assignor to Peyton du Pont, Incorporated. Transferring device. 2,011,627; Aug. 20.
- Graham, George A., and J. W. Goodin, Long Branch, N. J. Anemometry and gas flow meter. 1,987,617; Jan. 15.
- Graham, George A., and G. O. Tapper, Fort Monmouth, Oceanport, N. J. Telephone handset switch. 2,002,504; May 28.
- Graham, George H., assignor to Carpenter-Hiatt Sales Company, Chicago, Ill. Liner. 2,025,201; Dec. 24.
- Graham, Gordon C., et al. (See Murphy, Harvey C., assignor.)
- Graham, Harold M., assignor, by mesne assignments, to Ross Heater & Manufacturing Company, Inc., Buffalo, N. Y. Ejector control equipment. 1,993,478; Mar. 5.
- Graham, Harry, Brooklyn, N. Y. Calendar clock. 1,989,410; Jan. 29.
- Graham, Harry C., Coraopolis Heights, and W. B. Peirce, Edgeworth, Pa., assignors to Pittsburgh Screw and Bolt Corporation. Reinforcement of timber. 2,014,892; Sept. 17.
- Graham, Herbert J., assignor to Electric Service Supplies Company, Philadelphia, Pa. Headlight. 2,003,687; June 4.
- Graham, Herbert J., assignor to Electric Service Supplies Company, Philadelphia, Pa. Dome light. 2,007,528; July 9.
- Graham, Herbert W., and S. L. Case, assignors to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Bi-metallic article. 1,090,070; Feb. 5.
- Graham, Herbert W., and S. L. Case, assignors to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Bi-metallic article. 1,994,275; Mar. 12.
- Graham, Herbert W., and S. L. Case, assignors to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Bi-metallic article. 1,994,276; Mar. 12.
- Graham, Herbert W., and S. L. Case, Pittsburgh, assignors to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Metal body resistant to fluctuating stresses. 2,003,710; June 4.
- Graham, James H., Torrington, Conn. Attached knitting needle. 1,999,691; Apr. 30.
- Graham, Jove K., Canton, Ohio. Chipping and cutting tool. 2,009,795; July 30.
- Graham, Matthew P. (See Hufferd, G. H., and Graham.)
- Graham, Matthew P., assignor to Thompson Products Incorporated, Detroit, Mich. Tubular axle. 2,019,811; Nov. 5.
- Graham, Maurice H. (See Carpenter, Frank W., assignor.)
- Graham, Maurice H., St. Louis Park, Minn. Electric flat-iron. 2,024,856; Dec. 17.
- Graham, Thomas. (See Brunton, J. and Graham.)
- Graham, Tom C., and W. J. Fletcher, Albany, N. Y. Amusement device. 1,989,411; Jan. 29.
- Graham, William D. (See Racine, C. A., and Graham.)
- Graham, William S., Canton, Ill., assignor to International Harvester Company. Tractor guide. 1,992,422; Feb. 26.
- Graham, William S., Canton, Ill., assignor to International Harvester Company. Tractor cultivator. 2,005,618; June 18.
- Grainger, Lewis M. D., assignor of one-fourth to C. A. Kramer and one-fourth to E. G. Bailey, Richmond, Va. King pin or steering pin bearing. 1,992,065; Feb. 19.
- Gram, Thomas, assignor to Techno-Chemical Laboratories, Limited, London, England. Harvesting of peat or peat forming materials more especially in connection with the production of peat powder. 2,004,047; June 4.
- Gram, Thomas, London, assignor to Techno-Chemical Laboratories, Limited, London, England. Drying peat and other materials. 2,014,764; Sept. 17.
- Gramann, Heinrich F. Max, Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,010,717; Aug. 6.
- Grammer, Allen L. (See Allen, W. W., and Grammer.)
- Grammer, Allen L., Meadowbrook, and H. C. Cole, Philadelphia, Pa. Dispensing container. 2,018,552; Oct. 22.
- Grammes, L. F., & Sons, Inc. (See Price, Wilbur F., assignor.)
- Grammes, L. F., & Sons, Inc. (See Romig, Morris W., assignor.)
- Gramophone Company Limited, The. (See Stanley, Harold H. V., assignor.)
- Granat, Joseph, San Francisco, Calif. Combined engagement and wedding rings. 2,016,492; Oct. 8.
- Granberg, Albert J., Berkeley, assignor to Ralph N. Brodie Company, Oakland, Calif. Thermostatic control for fluid meters. 2,015,267; Sept. 24.
- Granberg, Albert J., Berkeley, assignor to Ralph N. Brodie Company, Oakland, Calif. Pumping and metering system for tank trucks. 2,017,345; Oct. 15.
- Granberg, Bengt. (See Nelson, John, assignor.)
- Granberg Meter Corporation. (See Saarinen, Armas J., assignor.)
- Grand Rapids Fibre Cord Company. (See Sackner, Wade E., assignor.)
- Grand Specialties Company. (See Sasgen, Michael J., assignor.)
- Grand Haven Stamped Products Company. (See Gaul, Emil O., assignor.)
- Grandjean, Georges, assignor to Isothermos Corporation of America, New York, N. Y. Journal box. 1,992,697; Feb. 26.
- Grandone, Peter. (See Smith, H. M., Grandone, and Rall.)
- Grand Rapids Brass Company. (See Roedding, Gordon E., assignor.)
- Grand Rapids Cabinet Company. (See Fritz, Edward M., assignor.)
- Grand Rapids Fibre Cord Company. (See Sackner, Wade E., assignor.)
- Grand Rapids Metalcraft Corporation. (See Visser, John, assignor.)
- Grand Rapids Store Equipment Company. (See Welch, Kenneth C., assignor.)

- Grand Rapids Textile Machinery Company. (See Shields, Harry A., assignor.)
- Grand Rapids Trust Company, receiver. (See Kenyon, B. C., Bos, and Green, assignors.)
- Granfield, John C., Pittsfield, Mass., assignor to General Electric Company, Magnetic core. 1,992,822; Feb. 26.
- Grange, Théodose, Paris, France, assignor to Constructors Limited, Erdington, Birmingham, England. Typewriter cover and the like. 1,995,059; Mar. 19.
- Granger, A. D., Limited. (See Granger, Aston D., assignor.)
- Granger, Aston D., assignor to A. D. Granger Limited, Long Eaton, England. Twister ring and traveler. 1,999,901; Apr. 30.
- Granger, Roger, Brooklyn, N. Y. Apparatus for incinerating material. 2,020,682; Nov. 12.
- Granholm, Vera G., Warsaw, Poland. Rocking blotting paper holder. 2,017,045; Oct. 15.
- Granite, Samuel L., Los Angeles, Calif. Tile cutter and breaker. 1,995,741; Mar. 26.
- Granstedt, Karl E., assignor to Aktiebolaget Formator, Stockholm, Sweden. Device for transporting clippings of cigars and the like. 1,986,725; Jan. 1.
- Granstedt, Karl E., assignor to Aktiebolaget Formator, Stockholm, Sweden. Driving arrangement at cigar machines. 1,991,317; Feb. 12.
- Granstedt, Karl E., assignor to Aktiebolaget Formator, Stockholm, Sweden. Cigar machine or the like. 1,993,138; Mar. 5.
- Granstedt, Karl E., assignor to Aktiebolaget Formator, Stockholm, Sweden. Leaf transferring device in cigar machines. 1,993,661; Mar. 5.
- Granstedt, Karl E., assignor to Aktiebolaget Formator, Stockholm, Sweden. Paste supplier. 1,997,928; Apr. 16.
- Granstedt, Karl E., assignor to Aktiebolaget Formator, Stockholm, Sweden. Cigar wrapping machine. 2,009,492; July 30.
- Grant, Albert E., New York, N. Y. Screw. 1,987,474; Jan. 8.
- Grant, Albert E., New York, N. Y. Electric plug construction. 1,991,849; Feb. 19.
- Grant, Alvin, Denver, Colo. Photographic enlarger. 2,001,062; May 14.
- Grant, Benton H., et al. (See Wetherbee, Herbert E., assignor.)
- Grant, Bert. (See Hocking, Edward P., assignor.)
- Grant, Bessie S. (See Grant, Robert L., Jr., assignor.)
- Grant, Charles H., New Rochelle, N. Y. Airfoil. 2,022,806; Dec. 3.
- Grant, Dudley H. (See McClave, J. A. E., and Grant.)
- Grant, Edwin J., Los Angeles, Calif. Combination magnetic compass and level indicator. 2,017,900; Oct. 22.
- Grant Elevator Equipment Corporation. (See Gussack, Nathan A., assignor.)
- Grant, Francis H., assignor to Stim-U-Dents, Inc., Detroit, Mich. Tooth cleanser. 2,008,206; July 16.
- Grant, Harry C., Jr., assignor to Walter Kidde & Company, Inc., New York, N. Y. Air regulating means for liquid fuel furnaces. 1,986,055; Jan. 1.
- Grant, Harry C., Jr., assignor to Walter Kidde & Company, Inc., New York, N. Y. Air regulating means for liquid fuel furnaces. 1,997,558; Apr. 9.
- Grant, Harry C., Jr., assignor to Walter Kidde & Company, Inc., New York, N. Y. Supervised electric system. 2,000,074; May 7.
- Grant, Harry C., Jr., assignor to Walter Kidde & Company, Inc., New York, N. Y. System for indicating the presence and location of fire. 2,003,358; June 4.
- Grant, Harry C., Jr., assignor to Walter Kidde & Company, Inc., New York, N. Y. Reflection preventing means. 2,012,230; Aug. 20.
- Grant, Jim A., New York, N. Y. Threshing and scutching machine. 2,000,282; May 7.
- Grant, John. (See Santiago, James J., assignor.)
- Grant, John, Los Angeles, Calif. Hydraulic and spring operated expansive reamer. 2,019,047; Oct. 29.
- Grant, John L., Detroit, Mich. Insulator for handled vessels. 2,009,999; Aug. 6.
- Grant, John R. (See Edwards, W. H., and Grant.)
- Grant, Reuben P., Concord, N. H., assignor to Beckwith Manufacturing Company, Boston, Mass. Removable top lift. 1,998,012; Apr. 16.
- Grant, Richard A., Jackson, Mich. Draft coupling device. 2,013,383; Sept. 3.
- Grant, Richard F., et al. (See Wetherbee, Herbert E., assignor.)
- Grant, Robert L., Jr., assignor to B. S. Grant, Texarkana, Ark. Electric lamp guard. 1,999,006; Apr. 23.
- Grant, Samuel, assignor to General Corporation of America, Chicago, Ill. Hair drier. 2,022,237; Nov. 26.
- Grant, Winfield S. (See Shoop, F. H., Grant, and McCormick.)
- Grantham, Frederick G., Kansas City, Mo. Lawn mower sharpener. 2,016,777; Oct. 8.
- Grantham, Lloyd B., Yonkers, N. Y., assignor to Phillips Petroleum Company, Bartlesville, Okla. Carburetor. 2,018,667; Oct. 29.
- Granville, Zantford D., West Springfield, Mass. Airplane controls. 2,006,391; July 2.
- Granzellus, Karl A. T., Stockholm, Sweden. Coin operated automatically operating apparatus. 2,010,815; Aug. 13.
- Graseby, Robert C., New Malden, England. Prepayment meter mechanism. 2,004,526; June 11.
- Grasselli Chemical Company, The. (See Boller, Ernest R., assignor.)
- Grasselli Chemical Company, The. (See Bousquet, Euclid W., assignor.)
- Grasselli Chemical Company, The. (See Colton, Henry S., assignor.)
- Grasselli Chemical Company, The. (See Corson, H. P., and Pfantiel, assignors.)
- Grasselli Chemical Company, The. (See Dykstra, Harry B., assignor.)
- Grasselli Chemical Company, The. (See Frost, Frank L., Jr., assignor.)
- Grasselli Chemical Company, The. (See Kepfer, R. J., and Pfantiel, assignors.)
- Grasselli Chemical Company, The. (See McQuaid, Howard S., assignor.)
- Grasselli Chemical Company, The. (See Ridler, Earl S., assignor.)
- Grasselli Chemical Company, The. (See Salzberg, P. L., and Bousquet, assignors.)
- Grasselli Chemical Company, The. (See Schweitzer, William K., assignor.)
- Grasselli Chemical Company, The. (See Schulze, John F. W., assignor.)
- Grasselli Chemical Company, The. (See Vana, Charles A., assignor.)
- Grasselli Chemical Company, The. (See Westbrook, Leon R., assignor.)
- Grasselli Chemical Company, The. (See Weygandt, Arthur S., assignor.)
- Grassi, Marcel H., Clamart, France. Adjustable chain. 2,009,918; July 30.
- Grassmann, Peter, Berlin, Germany. Electric variable condenser. 2,001,459; May 14.
- Grasso, Hendricus A. M., 's-Hertogenbosch, Netherlands. Rotary cooling drum. 1,994,948; Mar. 19.
- Gratiot, Chester A., Portland, Oreg. Safety-razor. 2,026,229; Dec. 31.
- Graton & Knight Company. (See Anderson, Ernest H., assignor.)
- Grattan, David. (See Weaver, Harry C., assignor.)
- Gratzmüller, Louis R. E., Paris, France. Electric traction. 2,004,240; June 11.
- Grau, Georg. (See Rother, P., and Grau.)
- Grau, Herbert E. (See Hollander, A., Grau, and Lundeen.)
- Grau, Herbert E., assignor to Byron Jackson Co., Los Angeles, Calif. Handle guard for well casing elevators. 2,025,047; Dec. 24.
- Graubner, Herman G., New York, N. Y., assignor to National Carbon Company, Inc. Flash light of candle type. 2,002,602; May 28.
- Grauer, John, Whitestone, N. Y. Game apparatus. 2,003,145; May 28.
- Grauer, Solomon, Brooklyn, N. Y. Nonrefillable bottle. 2,018,019; Oct. 22.
- Grauer, Theodor Horn, assignor to the firm Feldmühle A. G. vormalis Loeb, Schoenfeld & Co., Rorschach, Switzerland. Receiver for materials, such as artificial silk. 2,014,681; Sept. 17.
- Grave, Otto, Peine/Hanover, Germany. Piling. 2,018,625; Oct. 22.
- Gravell, James H., Elkins Park, assignor to American Chemical Paint Company, Ambler, Pa. Material for providing metal with a paint receptive surface. 2,005,780; June 25.
- Gravely, Julian S., and L. N. Kersey, assignors, by mesne assignments, to Bond Manufacturing Corporation, Inc., Wilmington, Del. Apparatus for decorating bottles, jars, cans, and like articles. 2,015,669; Oct. 1.
- Graver Tank & Manufacturing Co. (See Babcock, Harry L., assignor.)
- Graver Tank & Mfg. Corporation. (See Welp, Edward W., assignor.)
- Graver Tank & Mfg. Corp. (See Welp, Edward W., assignor.)
- Graves, George D. (See Brubaker, M. M., and Graves.)
- Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical compound and making same. 1,990,483; Feb. 12.
- Graves, George D., and W. E. Lawson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters and producing them. 1,993,736; Mar. 12.
- Graves, George D., Wilmington, Del., and W. E. Lawson, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Decyl esters of polycarboxylic acids. 1,993,737; Mar. 12.
- Graves, George D., Wilmington, Del., and W. E. Lawson, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Myristyl esters of polycarboxylic acids. 1,993,738; Mar. 12.
- Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of acids of phosphorus. 2,005,619; June 18.
- Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic process for producing alicyclic ketones. 2,015,751; Oct. 1.
- Graves, George DeW., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esterification. 2,007,968; July 16.
- Graves, George DeW., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative composition. 2,025,048; Dec. 24.

- Graves, Harry D., Chicago, Ill. Rack. 2,005,938; June 25.
- Graves, Harry H. (See Klein, Frederick L., assignor.)
- Graves, Herbert C., Jr. (See Healis, G. A., and Graves.)
- Graves, Herbert C., Jr., Radnor, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Arc controlling structure. 1,997,772; Apr. 16.
- Graves, Herbert C., Jr., East Bradford Township, Chester County, and O. Jensen, Philadelphia, Pa., assignors to I-T-E Circuit Breaker Company, Philadelphia, Pa. Automatic circuit breaker. 1,999,410; Apr. 30.
- Graves, Herbert C., Jr., East Bradford Township, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Electric circuit breaker. 2,025,386; Dec. 24.
- Graves Process Inc., The. (See Graves, Roy V., assignor.)
- Graves, Roy R., Kensington, Md. Apparatus for drying fodder. 1,994,343; Mar. 12.
- Graves, Roy V., assignor to The Graves Process Inc., Minneapolis, Minn. Master sheet. 2,016,599; Oct. 8.
- Graves, Walker C., Jr., San Francisco, Calif. Portable collapsible hothouse. 2,019,407; Oct. 29.
- Graves, William D. (See Thompson, A. B., and Graves.)
- Graves, William L., Guildford, England. Apparatus for securing together the ends of metal or the like bands. 1,987,293; Jan. 8.
- Gravitt, Russell A. (See Werner, C. J., Gravitt, and Marts.)
- Gray, Alvin N., Baltimore, Md., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Insulated conductors. 2,003,772; June 4.
- Gray, Alvin N., Baltimore, Md., and A. R. Kemp, Westwood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vulcanizable compound. 2,008,861; July 23.
- Gray-Arntzen Co. (See Arntzen, Ole B., assignor.)
- Gray, Carl C., Minneapolis, and H. L. Johnson, St. Paul, Minn. Grain scalping mechanism. 1,989,687; Feb. 5.
- Gray, Charles, Leigh-on-Sea, England. Gas calorimeter. 1,995,979; Mar. 26.
- Gray, Charles B., Millbourne, Pa. Cutting machine. 2,019,781; Nov. 5.
- Gray, David E., Corning, and W. C. Weber, Coopers Plains, N. Y., assignors to Corning Glass Works, Corning, N. Y. Forming glassware. 2,015,219; Sept. 24.
- Gray, Edward, Detroit, Mich. Locomotive truck. 2,024,688; Dec. 17.
- Gray, Ellsworth, and C. C. Brown, Houston, Tex.; said Gray assignor to said Brown. Device for equipping wells. 1,994,816; Mar. 19.
- Gray, Elmer J., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Spot welding fixture. 2,020,830; Nov. 12.
- Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 1,990,182; Feb. 5.
- Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 1,990,183; Feb. 5.
- Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 1,990,544; Feb. 12.
- Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 2,010,543; Aug. 6.
- Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Scanning apparatus. 2,017,092; Oct. 15.
- Gray, G. A., Company, The. (See Doran J. E., Walter and Cardullo, assignors.)
- Gray, Harold C. J., assignor of seven-eighths to F. A. Sanford, Hastings, Nehr. Combined garden and lawn tool. 2,022,561; Nov. 26.
- Gray, George W. (See Levy, S. I., and Gray.)
- Gray, Gordon E. (See Lithgow, J., and Gray.)
- Gray, Harold P., Leominster, Mass., assignor to T. N. Benedict Manufacturing Company, East Syracuse, N. Y. Ice cream disher. 2,019,566; Nov. 5.
- Gray, James A., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Apparatus for reforming can bodies. 2,010,816; Aug. 13.
- Gray, James W., New York, N. Y., assignor to Luis De Florez, New York, N. Y. Steam column still. 1,986,431; Jan. 1.
- Gray, John D., Valley City, N. Dak. Bank check register. 1,989,192; Jan. 29.
- Gray, John D., Valley City, N. Dak. Page holding device for books. 1,989,193; Jan. 29.
- Gray, John D., Chicago, Ill. Animated display device. 1,990,230; Feb. 5.
- Gray, John W., assignor of one-half to Bernard V. Curnen, Chattanooga, Tenn. Shock absorber. 2,000,132; May 7.
- Gray, Joseph A., Norwalk, Conn. Lock nut, bolt, and rivet. 1,995,610; Mar. 26.
- Gray, Marion R., Los Angeles, Calif. Necktie. 2,019,782; Nov. 5.
- Gray, Martin P., assignor to Industrial Furnace Corporation, Buffalo, N. Y. Heat treatment of white cast iron. 1,999,153; Apr. 23.
- Gray, Paul M. (See Sabbah, C. A., and Gray.)
- Gray Processes Corporation, The. (See Gray, Thomas T., assignor.)
- Gray Processes Corporation, The. (See Nisson, Philip S., assignor.)
- Gray Processes Corporation, The. (See Welsh, Michael J., assignor.)
- Gray, Raymond K., Chicago, Ill. Table leveler. 2,010,299; Aug. 6.
- Gray, Reo D., assignor of one-fourth to L. M. Gilstrap, Portland, Oreg. Self-sealing collapsible tube. 2,015,794; Oct. 1.
- Gray, Robert D., Kansas City, assignor, by mesne assignments, to Clarence E. Cleveland, Salina, Kans. Coloring stone. 2,016,600; Oct. 8.
- Gray, Russell J., Minneapolis, Minn. Lubricating means. 2,000,170; May 7.
- Gray, Spencer, Seattle, Wash. Flying machine. 2,017,534; Oct. 15.
- Gray Telephone Pay Station Company, The. (See Long, George A., assignor.)
- Gray Telephone Pay Station Company, The. (See Long, George A., and W. W., assignors.)
- Gray, Thomas T., Elizabeth, assignor to The Gray Processes Corporation, Newark, N. J. Refining hydrocarbons. 2,019,184; Oct. 29.
- Gray, Thomas T., Elizabeth, assignor to The Gray Processes Corporation, Newark, N. J. Treatment of petroleum hydrocarbons. 2,020,115; Nov. 5.
- Gray, Wallace M., Cincinnati, Ohio. Water hammer eliminator. 2,002,451; May 21.
- Gray, William D., White Plains, N. Y., and F. F. Graham, Cardiff, Md., assignors to Peyton du Pont, Incorporated. Stone channeling bit. 1,995,060; Mar. 19.
- Gray, William D., White Plains, N. Y., and F. F. Graham, Cardiff, Md., assignors to Peyton du Pont, Incorporated. Stone channeling bit. 1,995,062; Mar. 19.
- Gray, William T., Long Beach, Calif. Drawing board. 2,009,656; July 30.
- Graybill, Hershey R., et al. (See Huebener, M. A., Lehn, Graybill, Zahm and Koch.)
- Graybill, Hershey R., assignor to Animal Trap Company of America, Lititz, Pa. Animal trap. 2,000,752; May 7.
- Grayslake Gelatin Co. (See Epstein, C. H., and Gotthoffer, assignors.)
- Grayson Appliance Co. (See Grayson, John H., assignor.)
- Grayson Appliance Co. (See Greenamyer, George, assignor.)
- Grayson Appliance Co., Ltd. (See Metschert, Franz, assignor.)
- Grayson, Frank O., Coral Gables, Fla. Combined awning and storm shutter. 2,015,305; Sept. 24.
- Grayson, George W., Darling Point, near Sydney, assignor of one-fourth to R. B. Hinder, Lindfield, near Sydney, one-fourth to J. T. McKee, Sydney, and one-fourth to E. P. Weber, Turramunga, near Sydney, Australia. Cement grout mixing machine. 2,017,439; Oct. 15.
- Grayson Heat Control, Ltd. (See Grayson, John H., assignor.)
- Grayson Heat Control, Ltd. (See Grayson, J. H., and Netschert, assignors.)
- Grayson, John H., assignor, by mesne assignments, to Grayson Heat Control, Ltd., Lynwood, Calif. Gas cock. 1,987,618; Jan. 15.
- Grayson, John H., assignor to Grayson Heat Control, Ltd., Lynwood, Calif. Burner control. 1,994,391; Mar. 12.
- Grayson, John H., assignor to Grayson Appliance Co., Ltd., Lynwood, Calif. Thermostatically controlled gas valve. 1,994,470; Mar. 19.
- Grayson, John H., assignor to Grayson Appliance Co., Ltd., Lynwood, Calif. Safety burner. 1,995,029; Mar. 19.
- Grayson, John H., assignor to Grayson Appliance Co., Ltd., Lynwood, Calif. Safety gas valve. 2,008,547; July 16.
- Grayson, John H., assignor to Grayson Heat Control, Inc., Lynwood, Calif. Clock controlled gas stove. 2,013,239; Sept. 3.
- Grayson, John H., Lynwood, and F. Netschert, Los Angeles, assignors to Grayson Heat Control, Ltd., Lynwood, Calif. Time controlled valve. 2,012,532; Aug. 27.
- Grayson, Ralph V., and E. G. Ballenger, Atlanta, Ga. Thermal insulation unit or board. 2,020,639; Nov. 12.
- Grazlano, Joseph, Newburgh, N. Y., assignor of one one-hundredth to J. Guide and D. Pinto, Emerson, N. J. Carburetor. 2,009,919; July 30.
- Grazier, Doré W., Johnstown, Pa. Heater. 2,017,621; Oct. 15.
- Great Lakes Steel Corporation. (See Clauss, Julius A., assignor.)
- Great Northern Paper Company. (See Burr, Charles H., assignor.)
- Great Northern Paper Company. (See Hall, Henry L., assignor.)
- Great Western Electro-Chemical Company. (See Hirschkind, Wilhelm, assignor.)
- Great Western Electro-Chemical Company. (See Hirschkind, W., Ramage, and Bender, assignors.)
- Great Western Electro-Chemical Company. (See Bender, Harry, assignor.)
- Great Western Electro-Chemical Company. (See Ramage, William D., assignor.)
- Greatinger, Charles, and R. T. Cox, Glasnevin, Saskatchewan, Canada. Adjustable price indicator. 2,021,236; Nov. 19.
- Grebe, John J., assignor to The Dow Chemical Company, Midland, Mich. Treatment of wells. 1,989,479; Jan. 29.
- Grebe, John J., and J. H. Reilly, assignors to The Dow Chemical Company, Midland, Mich. Conducting chemical reactions in alkaline media. 1,986,194; Jan. 1.
- Grebe, John J., and S. M. Stoesser, assignors to The Dow Chemical Company, Midland, Mich. Treatment of deep wells. 1,998,756; Apr. 23.

- Grebe, John J., S. M. Stoesser, and L. E. Mills, assignors to The Dow Chemical Company, Midland, Mich. Solvent composition. 1,989,478; Jan. 29.
- Greco, Bruno, Somerville, N. J., assignor of one-fourth to J. Schaffer, and one-fourth to C. De Angelis, New York, N. Y. Automatic safety valve stem. 2,022,196; Nov. 26.
- Greco, John and V. Vacirca, New York, N. Y. Vaporizer for automotive mechanisms. 1,990,688; Feb. 12.
- Greco, Ralph, G. Getz, and F. Marino, Dover, Ohio. Barber's clippers. 1,988,199; Jan. 15.
- Gredell, Otto N., Kansas City, assignor to Standard Steel Works, North Kansas City, Mo. Automatic clutch control mechanism. 1,996,918; Apr. 9.
- Gredell, Otto N., Kansas City, assignor to Standard Steel Works, North Kansas City, Mo. Combination cutting and grinding mill. 2,004,753; June 11.
- Greedy, Edward D., Cedar Rapids, Iowa. Receptacle for printed and handwritten sheets. 1,994,764; Mar. 19.
- Gregor, Ralph H., assignor to The Kinnear Mfg. Company, Columbus, Ohio. Sectional door. 1,989,513; Jan. 29.
- Gregor, Ralph H., assignor to The Kinnear Mfg. Company, Columbus, Ohio. Automatic spring apparatus to raise overhead doors. 1,992,006; Feb. 19.
- Gregor, Ralph H., assignor to The Kinnear Mfg. Company, Columbus, Ohio. Door-operating mechanism. 1,998,233; Apr. 16.
- Gregor, Ralph H., Columbus, Ohio, assignor, by mesne assignments, to General Door Company, Reno, Nev. Overhead door. 2,020,831; Nov. 12.
- Green, Adoniram J., West Caldwell, N. J., assignor to General Electric Company. Pressure regulator. 2,026,424; Dec. 31.
- Green, Charles M., Swampscott, Mass., assignor to General Electric Company. Electric connector. 1,991,350; Feb. 12.
- Green, Charles W., Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 1,989,314; Jan. 29.
- Green, Charles W., Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 2,009,581; July 30.
- Green, Charles W., Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 2,010,300; Aug. 6.
- Green, Charles W., Millburn, and H. S. Black, Westfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling and power supply system. 2,003,967; June 4.
- Green, Charles W., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Interconnection of transmission lines. 2,019,603; Nov. 5.
- Green, Christopher B., Denton, Nebr. Left turn signal system. 2,012,850; Aug. 27.
- Green, Clarence J., assignor to Norton Company Worcester, Mass. Electrical sizing device. 1,992,027; Feb. 19.
- Green, Clifford H. (See Kenyon, B. C., Boa, and Green.)
- Green, Clifford H., assignor to Automatic Musical Instrument Company, Grand Rapids, Mich. Table leg adjustment. 1,996,331; Apr. 2.
- Green, Daniel, Company. (See Disch, John E., assignor.)
- Green, Douglas H., Millbank, assignor to The Trussed Concrete Steel Company Limited, London, England. Construction of soundproof floors. 2,026,230; Dec. 31.
- Green, Earl F., and F. A. Graham, York, Pa., assignors, by mesne assignments, to American Chain Company, Inc., New York, N. Y. Curb jack. 2,026,507; Dec. 31.
- Green, Edmund L., Washington, D. C., dedicated to the free use of the Government and the People of the United States. Spray material. 2,004,788; June 11.
- Green, Edmund L., Washington, D. C., dedicated to the free use of the Government and the People of the United States. Active or toxic spray material. 2,004,789; June 11.
- Green, Edward A., East Cleveland, Ohio. Nut and retainer. 1,983,891; Jan. 8.
- Green, Elliot D., San Francisco, Calif. Cylinder reconditioning tool. 1,993,004; Mar. 5.
- Green, Ernest, Chelmsford, and F. G. Robb, Danbury, England, assignors to Radio Corporation of America. High frequency electrical oscillation generators and amplifiers. 1,988,487; Jan. 22.
- Green, Estill I. (See Espenschied, L., and Green.)
- Green, Estill I., East Orange, N. J., assignor to American Telephone and Telegraph Company. Program distribution system. 2,002,603; May 28.
- Green, Estill I., East Orange, N. J., assignor to American Telephone and Telegraph Company. Volume range control. 2,016,427; Oct. 8.
- Green, Estill I., East Orange, N. J., and F. A. Leibe, Quakertown, Pa., assignors to American Telephone and Telegraph Company. Unattended repeater system. 2,018,850; Oct. 29.
- Green, Estill I., East Orange, N. J., and F. A. Leibe, Quakertown, Pa., assignors to American Telephone and Telegraph Company. Unattended repeater system. 2,018,851; Oct. 29.
- Green, Estill I., East Orange, N. J., assignor to American Telephone and Telegraph Company. Band separation system. 2,020,409; Nov. 12.
- Green, Floyd S., assignor to Frank R. Adams Electric Co., St. Louis, Mo. Terminal clamping device. 2,013,912; Sept. 10.
- Green, Harry A., Jersey City, N. J. Attachment for toothbrushes. 1,993,662; Mar. 5.
- Green, Harry A., Portland, Oreg. Traveling worktable and supply rack. 2,021,505; Nov. 19.
- Green, Henry, and B. Stember, New York, N. Y., assignors to Amity Leather Products Co., West Bend, Wis. Lady's hand bag. 2,010,513; Aug. 6.
- Green, James B., and J. E. Huber, assignors, by mesne assignments, to Western-Austin Company, Aurora, Ill. Road shouldering machine. 1,993,003; Mar. 5.
- Green, John P., Philadelphia, Pa. Refrigerating device. 2,012,190; Aug. 20.
- Green, John T., assignor to General Motors Corporation, Detroit, Mich. Stripping tool. 2,007,603; July 9.
- Green, Joseph C., Detroit, Mich. Device for flushing drains. 2,009,398; July 30.
- Green, Lee B., Lakewood, assignor to Globe Machine & Stamping Company, Cleveland, Ohio. Grille for automobile radiator fronts and its manufacture. 1,988,118; Jan. 15.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Metal grille or grille fabric. 1,988,728; Jan. 22.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Agitator for comminuted-material dispensers. 1,991,742; Feb. 19.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Grille for automobile radiators and the like. 1,993,602; Mar. 5.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Dispenser for powdered coffee. 1,996,044; Mar. 26.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Grille-guarded radiator shell front. 1,996,045; Mar. 26.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Bead-ornamented parallel-blade grille. 1,996,046; Mar. 26.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Grille blade and cross-bar assembly. 1,996,047; Mar. 26.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Supporting grille-blade from radiator shells. 1,997,415; Apr. 9.
- Green, Lee B., Lakewood, assignor to Globe Machine & Stamping Company, Cleveland, Ohio. Grille for automobile fronts. 1,999,007; Apr. 23.
- Green, Lee B., Lakewood, assignor to The Borden Company, Warren, Ohio. Control for gyrator-type washing machines. 2,002,573; May 28.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Automobile radiator grille with detachable section. 2,007,529; July 9.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Grid-type grille. 2,007,716; July 9.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Grid type metal grille. 2,008,907; July 23.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Grid-type radiator grille. 2,013,384; Sept. 3.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Radiator shell front and guard bar assembly. 2,013,385; Sept. 3.
- Green, Leonard, Philadelphia, Pa., assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,016,327; Oct. 8.
- Green, Martin P. (See Church, G. T., and Green.)
- Green, Mason V., assignor to F. D. Hayes, Lansing, Mich., trustee for F. D. Hayes Electric Company. Electric door opening device. 2,003,533; June 4.
- Green, Mason V., assignor to F. D. Hayes, trustee for F. D. Hayes Electric Company, Lansing, Mich. Motor operated door control. 2,003,534; June 4.
- Green, Newton B. (See Christie, J., and Green.)
- Green, Newton B., assignor to Eastman Kodak Company, Rochester, N. Y. Roll film camera and spooling system. 1,997,332; Apr. 9.
- Green, Newton B., assignor to Eastman Kodak Company, Rochester, N. Y. Folding trigger for shutters. 2,019,699; Nov. 5.
- Green, Richard D., and W. E. Craig, assignors to John A. Roebling's Sons Company, Trenton, N. J. Making wire rope. 1,990,071; Feb. 5.
- Green, Russell E., Detroit, Mich. Joining conductor units in electric cables. 2,008,756; July 23.
- Green, Stanley J., Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of aliphatic acid anhydrides. 1,990,902; Feb. 12.
- Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Circuit controller. 2,003,260; May 28.
- Green, Stanley S., assignor to Duncan Electric Mfg. Co., Lafayette, Ind. Appliance meter. 2,010,047; Aug. 6.
- Green, Walter H., assignor to General Zeolite Co., Chicago, Ill. Fluid flow controller system. 2,011,049; Aug. 13.
- Green, William G., Tulsa, Okla. Determining slope of subsurface rock beds. 2,024,921; Dec. 17.
- Greenamyre, George, assignor to Grayson Appliance Co., Ltd., Lynwood, Calif. Electric clock. 2,022,715; Dec. 3.
- Greenawalt, Frederick A., Pittsburgh, Pa., assignor, by mesne assignments, to Pennwood Company. Clock. 1,990,645; Feb. 12.

- Greenawalt, John E., New York, N. Y. Incinerator furnace. 2,005,982; June 18.
- Greenawalt, Lewis J. (See Bletz, E., and Greenawalt.)
- Greenbaum, Arthur, Beaumont, Mass., and E. J. Kelley, Milwaukee, Wis., assignors, by mesne assignments, to Panther-Panco Rubber Co. Inc., Chelsea, Mass. Rubber heel. 1,998,988; Apr. 23.
- Greenbaum, Bertha, Cleveland, Ohio. Brassière. 1,994,359; Mar. 12.
- Greenberg, Abraham S. (See Robkin, M. A., and Greenberg.)
- Greenberg, David. (See Stone, D. I., and Greenberg.)
- Greenberg, Harry, New York, assignor of one-fourth to H. Palter, and one-fourth to G. J. Fitzgerald, Brooklyn, N. Y. Foot support. 2,008,207; July 16.
- Greenberg, Irving, Union City, N. J. Separable slide fastener. 1,993,297; Mar. 5.
- Greenberg, Irving, Brooklyn, N. Y. Adjustable dress. 1,995,423; Mar. 26.
- Greenberg, Louis, Chicago, Ill. Mechanical movement. 2,002,890; May 28.
- Greenberg, Samuel, Chicago, Ill. Container closure. 1,989,979; Feb. 5.
- Greenberg, Samuel, and W. J. Tyler, Chicago, Ill. Steering system lock. 2,017,494; Oct. 15.
- Greene, Clarence K., Los Angeles, Calif. Pitch change control. 2,022,499; Nov. 26.
- Greene, Curtis, San Diego, Calif. Anchor post. 2,001,719; May 21.
- Greene, David H. (See Finder, H. J., and Greene.)
- Greene, Edgeworth, Montclair, N. J. Bottle stopper. 2,001,609; May 14.
- Greene, Edward A., et al. (See Greene, Josephine, assignor.)
- Greene, Gordon Z., Pasadena, Calif. Orifice meter fitting. 2,014,682; Sept. 17.
- Greene, Guy M. (See Fisk, M. L., and Greene.)
- Greene, Haskell M., Whittier, Calif. Safety detonating device for use in torpedoing oil wells. 2,020,410; Nov. 12.
- Greene, James C., Sellsgrove, Pa. Device to prevent roller laps in twisting machines. 1,988,313; Jan. 15.
- Greene, Joseph A., Louisville, Ky. Riding saddle. 2,008,548; July 16.
- Greene, Josephine, assignor of one-fourth to E. A. Power and one-half to E. A. Greene, Arlington, Mass. Puzzle game. 2,007,530; July 9.
- Greene, Michael A., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Combination cap and detachable spreader. 1,993,837; Mar. 12.
- Greene, Michael A., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Double screw cap and forming same. 2,001,248; May 14.
- Greene, Morrill, Ridgewood, B. J. Halligan, West Orange, N. J., and E. Wagner, Jr., Port Washington, N. Y., assignors to American Telephone and Telegraph Company. Mounting for telephone coin collectors. 2,015,795; Oct. 1.
- Greene, Otto W., Elyria, Ohio, assignor to The Pfaunder Co., Rochester, N. Y. Fluid nozzle. 2,002,242; May 21.
- Greene, Otto W., assignor to The Guardianair Corporation, Elyria, Ohio. Power transmission. 2,015,107; Sept. 24.
- Greene, Otto W., Elyria, Ohio, assignor to The Pfaunder Co., Rochester, N. Y. Method and apparatus for cooling and holding liquids. 2,024,639; Dec. 17.
- Greene, Richard A. (See Burns, W. G., and Greene.)
- Greene, Thomas P., Obion, Tenn. Machine for papering houses, etc., and for washing windows. 2,002,633; May 28.
- Greene, Walter C., Cleveland Heights, Ohio. Condensate handling apparatus. 1,988,382; Jan. 15.
- Greene, William C., Company. (See Armstrong, George A., assignor.)
- Greenfield, Eugene, and F. J. Thibault, assignors to Liquefied Gas Development Company, Detroit, Mich. Support. 2,000,592; May 7.
- Greenfield, Robert E., and H. R. Baker, assignors to A. E. Staley Manufacturing Company, Decatur, Ill. Manufacture of starch. 2,023,999; Dec. 10.
- Greenfield Tap & Die Corporation. (See Bruce, C. F., and Bascom, assignors.)
- Greenfield Tap and Die Corporation. (See Judge, Franklin, assignor.)
- Greenfield Tap and Die Corporation. (See Koehler, Oscar E., assignor.)
- Greenfield Tap and Die Corporation. (See Koonz, Earl R., assignor.)
- Greenfield, William H., Philadelphia, Pa. Rail heating device. 1,991,801; Feb. 19.
- Greenhaigh, Richard, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Sulphonated oil. 1,986,808; Jan. 8.
- Greenhill & Daniel, Inc. (See Daniel, William, assignor.)
- Greenhoe, Barney W., East Grand Rapids, Mich. Staff mounting device. 2,013,271; Sept. 3.
- Greenhood, Elisha R., Wellesley, Mass. Duplex fastener. 1,999,633; Apr. 30.
- Greenhouse, Martin E., Philadelphia, Pa. Razor blade and holder therefor. 2,020,116; Nov. 5.
- Greenidge, Samuel M., Fort Worth, Tex. Packing for pistons, etc. 1,989,356; Jan. 29.
- Greening, Herald B., assignor to Galloway Engineering Company Limited, Hamilton, Ontario, Canada. Rope sheave. 2,017,149; Oct. 15.
- Greenison, Bert R., New York, N. Y. Fraud prevention device. 2,013,605; Sept. 3.
- Greenlaw, Burpee D., assignor to The Brown Bag Filling Machine Company, Fitchburg, Mass. Stock feeding mechanism for packaging machines. 2,015,892; Oct. 1.
- Greenlaw, Price M., Washington, D. C. Blow-off tank for steam boilers. 2,001,249; May 14.
- Greenleaf, Leland B., assignor to C. G. Conn, Ltd., Elkhart, Ind. Making horn bells. 1,993,714; Mar. 5.
- Greenleaf, Robert M., Los Angeles, Calif., assignor to Frosted Wool Process Company. Drying clean wool. 2,015,893; Oct. 1.
- Greenleaf, Robert M., Los Angeles, Calif., assignor to Frosted Wool Process Company. Apparatus for removing extraneous matters from wool. 2,015,894; Oct. 1.
- Greenlee Bros. & Co. (See Abramson, John H., assignor.)
- Greenlee Bros. & Co. (See Abramson, J. H., and Swanson, assignors.)
- Greenlee, Theodore K., Rockford, Ill., assignor to H. D. Colman. Control for air conditioning systems. 2,004,940; June 18.
- Greenman, Leo S., Cleveland, Ohio. Lamp. 1,992,823; Feb. 26.
- Greenough, Henry B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel finishing machine. 2,013,046; Sept. 3.
- Greentree, Charles D., and M. S. Mead, Jr., Schenectady, N. Y., assignors to General Electric Company. Vibration velocity measuring device. 2,002,372; May 21.
- Greenwald, Harold A., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich. Power transmitting device. 1,990,184; Feb. 5.
- Greenwald, Harold A., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich. Cooling unit. 2,001,872; May 21.
- Greenwald, Max C. (See Carroll, Thomas F., assignor.)
- Greenwood, Calvin S., and L. C. Travers, assignors to P. Derby Company, Gardner, Mass. Pedestal. 1,987,932; Jan. 15.
- Greenwood, Dolphice H., Los Angeles, Calif. Lubricated stopcock. 2,021,358; Nov. 19.
- Greenwood, Ernest L. (See Dickie, W. A., and Greenwood.)
- Greenwood, Ernest L. (See Moncrieff, R. W., and Greenwood.)
- Greenwood, Ernest L., Spondon, near Derby, England, assignor to Celanese Corporation of America. Treatment of filamentary materials. 2,022,854; Dec. 3.
- Greenwood, James D., Lansing, Mich. Siphon apparatus. 2,022,504; Nov. 26.
- Greenwood, Lincoln S., assignor of one-half to J. H. Newman, Rochester, N. Y. Treating grain to produce grits and flakes. 2,011,050; Aug. 13.
- Greenwood, Quentin E. (See Bjornson, B. G., and Greenwood.)
- Greer, David M., assignor to American Instrument Company, Washington, D. C. Thermostat. 1,992,066; Feb. 19.
- Greer, Edward R., Minneapolis, Minn. Trailer hitch. 1,990,731; Feb. 12.
- Greer, Frederick W., Belmont, assignor to J. W. Greer Company, Cambridge, Mass. Wire bending machine. 2,001,273; May 14.
- Greer, J. W., Company. (See Greer, Frederick W., assignor.)
- Greer, Paul S. (See Cox, H. L., and Greer.)
- Greer, Paul S., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Making catalysts. 2,020,411; Nov. 12.
- Greever, Claude W., Jr., Welch, W. Va. Refrigerator defrosting device. 1,988,552; Jan. 22.
- Gregg, Albert H., Montclair, N. J., assignor to Henry Clay and Bock & Company, Limited, New York, N. Y. Display stand or support. 2,025,280; Dec. 24.
- Gregg, Alfred W., and R. H. Frank, assignors to The Bonney-Floyd Company, Columbus, Ohio. Glass machine alloy. 1,996,152; Apr. 2.
- Gregg Company, The. (See Gregg, Louis D., assignor.)
- Gregg, David, Caldwell, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Ice overshoe for aircraft. 1,990,866; Feb. 12.
- Gregg, David, Caldwell, assignor to Eclipse Aviation Corporation, East Orange, N. J. Supercharger. 1,998,778; Apr. 23.
- Gregg, David, Caldwell, assignor to Bendix Research Corporation, East Orange, N. J. Aircraft. 2,002,057; May 21.
- Gregg, David, Caldwell, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Fluid clutch. 2,002,058; May 21.
- Gregg, David, Caldwell, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine supply system. 2,011,336; Aug. 13.
- Gregg, David, Caldwell, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Carburetor control. 2,020,778; Nov. 12.
- Gregg, Louis D., Hackensack, N. J., assignor to The Gregg Company, Limited, New York, N. Y. Car roof. 2,011,628; Aug. 20.
- Gregg, Louis D., Hackensack, N. J., assignor to The Gregg Company, Limited, New York, N. Y. Combination latch and lever for car doors. 2,021,957; Nov. 26.
- Gregg, Roscoe C., Fredericktown, Ohio. Lamp stand. 1,987,848; Jan. 15.

- Gregoire, Gedeon, Southbridge, Mass. Shoe channeling and grooving machine. 2,001,720; May 21.
- Gregorich, Joseph E. (See Peterson, V. W., and Gregorich.)
- Gregorius, Joseph S., Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for window glass. 2,006,352; July 2.
- Gregory, Bige, Henderson, assignor of one-half to D. Russell, Overton, Tex. Automatic control valve. 1,999,095; Apr. 23.
- Gregory, Charles E., Chicago, Ill. Automatic transmission. 1,994,471; Mar. 19.
- Gregory, Eli E., Brooklyn, N. Y., assignor to Spencer Thermostat Company. Thermostat. 2,016,244; Oct. 1.
- Gregory, Fred E., Galena, Kans., and R. L. Hallows, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Treating lead sulphide mineral. 2,003,711; June 4.
- Gregory, Fred E., Ruby, Ariz., J. I. McClaren, Galena, Kans., and P. R. Hamilton, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Manufacturing basic lead sulphate. 2,026,033; Dec. 31.
- Gregory, Henderson B. (See Gillette, C. S., and Gregory.)
- Gregory, John M. M., Durham, N. C. Tube closure. 1,988,038; Jan. 15.
- Gregory, Luther H., and E. E. Baker, Winters, Calif. Web winder and cutter. 1,991,926; Feb. 19.
- Gregory, Pete F., Newton, Iowa. Folding ironing board. 2,016,195; Oct. 1.
- Gregory, Theodore, Needham, Mass. Implement kit. 1,987,822; Jan. 15.
- Gregory, Thurlow G. (See New, Gustave A., assignor.)
- Gregory, William C. (See Scott, W. W., Bissiri, and Gregory.)
- Greibach, Emil H., Brooklyn, N. Y. Electrical measuring system. 1,990,782; Feb. 12.
- Greider, Clarence E., Cleveland, Ohio, assignor to Hercules Powder Company, Wilmington, Del. Production of cineol. 1,994,131; Mar. 12.
- Greider, Harold W., Wyoming and M. F. Smith, Cincinnati, Ohio, assignors to The Philip Carey Manufacturing Company. Material and articles containing fiber and making the same. 2,006,392; July 2.
- Greider, James B., Racine, Wis. Footwear. 2,000,366; May 7.
- Greif, Irvin, Baltimore, Md., assignor to L. Greif & Bro., Incorporated. Collar and method. 2,007,014; July 2.
- Greif, L. & Bro., Incorporated. (See Greif, Irvin, assignor.)
- Greig, Andrew. (See Spellman, C. B., and Greig.)
- Greig, John W., Detroit, Mich. Radio direction finder. 2,003,932; June 4.
- Greig, John W., Detroit, Mich. Three dimension radio direction finder. 2,003,933; June 4.
- Greig, John W., Little Falls, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Direction finding system. 1,988,006; Jan. 15.
- Greig, William R. (See Finley, D., and Greig.)
- Greims, Meriton, Philadelphia, Pa. Adjustable hanging rack. 1,995,246; Mar. 19.
- Greiner, Carl E., and A. W. Aitken, assignors to The Buffalo-Springfield Roller Co., Springfield, Ohio. Road roller. 2,015,891; Oct. 1.
- Greiner, Edward E. (See Johnson, Ben P., assignor.)
- Greiner, Gerhard et al. (See Monschein, Carl, assignor.)
- Greiner, Leopold E., Jr., New York, N. Y. Clinical thermometer and making the same. 2,010,589; Aug. 6.
- Greis, Henry N. (See McElwaine, Clayton B., assignor.)
- Greist, Hubert M., and G. L. Hinman, assignors to Greist Manufacturing Company, New Haven, Conn. Hemstitching attachment for sewing machines. 1,986,056; Jan. 1.
- Greist Manufacturing Company, The. (See Elwell, George H., assignor.)
- Greist Manufacturing Company. (See Greist, H. M., and Hinman, assignors.)
- Grelck, William P. M., Baltimore, Md. Making a food product. 2,009,134; July 23.
- Grelck, William P. M., Baltimore, Md. Acid milk food product and making the same. 2,009,135; July 23.
- Grelck, William P. M., Baltimore, Md. Cheese type spread of butterlike consistency. 2,009,136; July 23.
- Grelle, Charles H., Mount Carmel, Conn. Practice golf club. 1,990,281; Feb. 5.
- Grelle, Charles H., Mount Carmel, Conn. Golf club. 2,005,915; June 25.
- Grenagle, James B., assignor of one-half to W. W. Varney, and one-half to Universal Alloys, Incorporated, Baltimore, Md. Resistor. 1,991,204; Feb. 12.
- Grenagle, James B., assignor of one-half to W. W. Varney, and one-half to Universal Alloys, Incorporated, Baltimore, Md. Producing alloys containing yttrium metals of the rare earths. 2,008,302; July 16.
- Grenell, Ralph W., Detroit, Mich. Making half tone screens. 1,990,231; Feb. 5.
- Grenier, George E., Lake Hopatcong, N. Y. Boat. 2,008,249; July 16.
- Grennan, Leo A., Oakland, Calif. Plant prop. 2,021,303; Nov. 19.
- Grenon, Dolard A. (See Carragher, H. J., and Grenon.)
- Greppert, Walter. (See Demmler, A., and Greppert.)
- Gressner, Albert, Flushing, N. Y. Attachment for sawing tapered material. 2,001,306; May 14.
- Grethe, Theodor, Hamburg, Germany. Producing theine-free tea. 1,996,199; Apr. 2.
- Grethe, Theodor, Hamburg, Germany. Producing tea free from theine. 2,010,919; Aug. 13.
- Grethe, Theodor, Hamburg, Germany. Producing coffee free from caffeine. 2,010,634; Oct. 8.
- Grether, Ernest F., assignor to The Dow Chemical Company, Midland, Mich. Purifying and decolorizing cinchophen. 2,018,354; Oct. 22.
- Grether, Ernest F., and G. H. Coleman, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich. Direct developed azo dyes and their production. 2,000,889; May 7.
- Grether, Ernest F. and E. L. Pelton, assignors to The Dow Chemical Company, Midland, Mich. Ester and making same. 2,010,692; Aug. 6.
- Greune, Heinrich. (See Eckert, W., Sieber, Greune, and Langbein.)
- Greune, Heinrich. (See Kranzlein, G., Greune, and Schulteis.)
- Greune, Heinrich. (See Kranzlein, G., Greune, and Thiele.)
- Greve, Edgar E., Bellevue, Pa., assignor, by mesne assignments, to Oil Well Supply Company, Dallas, Tex. Casing elevator. 1,993,739; Mar. 12.
- Greve, Edgar E., Bellevue, assignor, by mesne assignments, to Oil Well Supply Company, Oil City, Pa. Hoist braking mechanism. 1,997,727; Apr. 16.
- Greve, Edgar E., Bellevue, assignor to Oil Well Supply Company, Oil City, Pa. Drawworks. 1,998,013; Apr. 16.
- Greve, Edgar E., Bellevue, assignor to Oil Well Supply Company, Oil City, Pa. Oilbath rotary. 2,009,176; July 23.
- Greve, John E. W., assignor to Astrawerke Aktiengesellschaft, Chemnitz, Germany. Multiple register machine. 1,988,896; Jan. 22.
- Greve, Herman L., Hollis, assignor to International Mailing Tube and Wrapper Company, Long Island City, N. Y. Package wrapper. 1,998,989; Apr. 23.
- Greve, Norman A. (See Greve, Robert L., assignor.)
- Greve, Robert L., Pasadena, assignor of one-half to N. A. Greve, Wilmar, Calif. Rafter marking apparatus. 2,004,318; June 11.
- Greven, Florence M., Reserve, La. Packaging dry granular material. 1,993,442; Mar. 5.
- Grewe, Joseph, Hartwell, Ohio. Control valve assembly for fluid flow guns. 2,009,920; July 30.
- Grey Iron Casting Company. (See Buell, Margaret L., assignor.)
- Grey, Ralph E., Bernice L. Boyton, and Davidson K. Kirkpatrick, Langley Field, Hampton, Va. Speed transmission. 2,022,663; Dec. 3.
- Gribbon, Elizabeth M., Portland, Oreg. Garment. 2,009,011; July 23.
- Gridley, Adelbert C., Costa Mesa, Calif. Reversing gearing. 2,006,500; July 2.
- Grieb, Alfred, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Stitch-forming mechanism for sewing machines. 1,988,789; Jan. 22.
- Griebat, Herman, Lodi, Calif. Tractor lug. 2,008,954; July 23.
- Griebat, Herman, Lodi, Calif. Tractor lug. 2,015,427; Sept. 24.
- Grier, Frank L., Milford, Del. Nose pad for eyeglasses. 2,023,469; Dec. 10.
- Grier, Frank L., Milford, Del. Nose pad for eyeglasses. 2,026,087; Dec. 31.
- Grier, Frank L., Milford, Del. Nose pad for eyeglasses, and making same. 2,021,890; Nov. 26.
- Grier, John A., New York, N. Y., assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,008,549; July 16.
- Griesel, Heinrich, Berlin, Germany. Structure for building. 2,002,347; May 21.
- Grieshaber, Eugene. (See Dubitsky, S., Adler, Grieshaber, Dearcopp, and Wood.)
- Grieshaber, Fritz. (See Stoecklin, E., Veraguth, and Grieshaber.)
- Grieshaber, Hugo E. (See Spear, L. Y., Grieshaber, and Nibbs.)
- Grieshaber, William A., Riverside, Calif. Pneumatic tire. 2,004,892; June 11.
- Griess, Pfleger & Company. (See Hartt, Robert A., assignor.)
- Griessbach, Robert. (See Luther, M., Pungs, Griessbach, and Heuck.)
- Griesser, George J., et al. (See Stark, John F., assignor.)
- Griest, Euclid E. (See Busse, E. G., and Griest.)
- Grieve, John H., Detroit, Mich. Combination heating, cooking, and illuminating stove. 2,019,604; Nov. 5.
- Grieve, Thomas S., Leicester, England. Knitting on axially opposed needle cylinder circular knitting machines. 2,011,360; Aug. 13.
- Grifenhagen, Benjamin W., New York, N. Y., assignor of one-fourth to H. I. Danziger, North Adams, Mass. Non-refillable bottle. 2,023,416; Dec. 10.
- Griffin, Alvah M., Los Angeles, Calif. Floating deck for oil storage tanks. 2,007,193; July 9.
- Griffin, G. W., Co. (See Kelley, Frederick H., assignor.)
- Griffith, Joseph E., Savannah, Ga. Vehicle horn. 2,005,620; June 18.
- Griffin, Joseph F. (See Rawson, E., and Griffin.)

- Griffin, Percy M., assignor to The Draw-Trim Corporation of America, Albany, N. Y. Method and apparatus for dressing poultry. 1,986,195; Jan. 1.
- Griffin, Timothy G., Yonkers, N. Y. Well point. 2,011,518; Aug. 13.
- Griffin, William M., Fort Wayne, Ind., assignor to Parva Products Company, Chicago, Ill. Buckle. 2,020,546; Nov. 12.
- Griffis, Lawrence W. (See Lonceteaux, H. J., Norton, and Griffis.)
- Griffis, Lawrence W. (See Van Arsdale, M. G., and Griffis.)
- Griffith, Carroll L. (See Hall, Lloyd A., assignor.)
- Griffith, Carroll L., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Edible dusting powder. 2,012,506; Aug. 27.
- Griffith, Carroll L., and L. A. Hall, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Solid seasoning composition containing capsicum and chloride. 1,995,119; Mar. 19.
- Griffith, Carroll L., and L. A. Hall, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Nonbleaching solid seasoning composition. 1,995,120; Mar. 19.
- Griffith, Carroll L., and L. A. Hall, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Stabilized solid seasoning composition. 1,995,121; Mar. 19.
- Griffith, Charles T., and H. F. Wanamaker, assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Fabric conditioner. 2,006,501; July 2.
- Griffith, Charles W., assignor, by mesne assignments, to Rayolite Rifle Range Company, Tulsa, Okla. Marksmanship practicing means. 2,007,082; July 2.
- Griffith, Charles W., assignor, by mesne assignments, to Rayolite Rifle Range Company, Tulsa, Okla. Shooting gallery. 2,007,083; July 2.
- Griffith, Clement P., Fort Wayne, assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Liquid dispensing device. 2,019,812; Nov. 5.
- Griffith, Edmund L., Freeport, Ill. Food product, and making the same. 2,026,034; Dec. 31.
- Griffith, Francis, Passaic, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Conveyor transfer. 2,016,268; Oct. 1.
- Griffith, Fred E. (See Craig, W. A., and Griffith.)
- Griffith, G. W., Co. (See Kelley, Frederick H., assignor.)
- Griffith-Hope Company. (See Hope, Samuel N., assignor.)
- Griffith-Hope Company. (See Hope, S. N., and Drath, assignors.)
- Griffith Laboratories, Inc. (See Griffith, Carroll L., assignor.)
- Griffith Laboratories, Inc. (See Griffith, C. L., and Hall, assignors.)
- Griffith, Leigh M. (See Ingman, T. M., Garbutt, and Griffith.)
- Griffith, Palmer W., Elizabeth, N. J., assignor, by mesne assignments, to American Cyanamid Company. Cyanamide resin. 2,019,490; Nov. 5.
- Griffith, Raymond W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Tumbler trimming tool. 2,006,916; July 2.
- Griffith, Roland H., assignor to The Gas Light & Coke Company, London, England. Destructive hydrogenation of high boiling-point hydrocarbons with the formation therefrom of hydrocarbons having a lower boiling-point. 1,994,277; Mar. 12.
- Griffith, Roland H., R. N. B. D. Bruce, and S. G. Hill, London, England, assignors to The Gas Light & Coke Company, Westminster, England. Hydrogenation of carbonaceous materials. 2,016,169; Oct. 1.
- Griffith, Roland C. (See Moyer, E. E., and Griffith.)
- Griffith, Ronald G., assignor to Creed and Company, Limited, Croydon, England. Keyboard mechanism for telegraph apparatus. 1,988,948; Jan. 22.
- Griffith, Ronald G., assignor to Creed and Company, Limited, Croydon, England. Telegraph system. 1,991,978; Feb. 19.
- Griffith, Wellington J., Jr., Detroit, Mich. Composition bottle. 2,012,127; Aug. 20.
- Griffiths, Harry A., Edgbaston, Birmingham, England. Press for cutting metal and other sheets. 1,991,457; Feb. 19.
- Griffiths, Leonard, Coventry, England, assignor to General Electric Company. Magneto generator. 2,024,161; Dec. 17.
- Griffiths, Roy H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Hot water heater for automobiles. 2,003,045; May 28.
- Griffiths, William U., Philadelphia, Pa. Air compressor. 2,012,605; Aug. 27.
- Grigg, Joseph H., Atlanta, Ga., assignor to Line Material Company, South Milwaukee, Wis. Convenience outlet. 1,993,881; Mar. 12.
- Griggs, Arthur R., Westminster, London, England. Manufacture of enriched water gas. 2,011,277; Aug. 13.
- Griggs, Stephen A. (See Higbee, James F., assignor.)
- Griggs, Stephen A. (See Leppo, Ralph E., assignor.)
- Grikscheit, William, assignor of one-third to J. W. Shough and one-third to K. T. Freeman, Detroit, Mich. Crank case cooler. 1,988,200; Jan. 15.
- Grill, Max. (See Michael, Edward F. L., assignor.)
- Grill, Rudolf, New York, N. Y. Lock for doors. 2,007,854; July 9.
- Grill, Rudolf, South Ozone Park, N. Y. Keeper for locks. 2,019,408; Oct. 29.
- Grilli, Ignio, Milan, Italy. Beverage making machine. 2,014,325; Sept. 10.
- Grillo, Charles, Brooklyn, N. Y. Attachment for printing presses. 1,986,631; Jan. 1.
- Grimball, William H., Charleston, S. C. Spectacles. 2,023,523; Dec. 10.
- Grimditch, William H., Glenside, assignor to Philadelphia Storage Battery Company, Philadelphia, Pa. Electrolytic condenser insulation. 2,010,768; Aug. 6.
- Grimes, Charles P. (See Casler, H., and Grimes.)
- Grimes, David, Dongan Hills, S. I., N. Y., assignor to Radio Corporation of America. Selective radioreceiver. 1,996,241; Apr. 2.
- Grimes, David, Dongan Hills, Staten Island, N. Y., assignor to Radio Corporation of America. Receiver detector control. 2,000,945; May 14.
- Grimes, David, Dongan Hills, Staten Island, N. Y., assignor to Radio Corporation of America. Short wave receiver. 2,006,803; July 2.
- Grimes, David, Dongan Hills, Staten Island, N. Y., assignor to Radio Corporation of America. Superheterodyne receiver. 2,020,832; Nov. 12.
- Grimes, Harry, Chicago, Ill. Conduit baseboard. 1,998,234; Apr. 16.
- Grimes, Thaddeus S., assignor to The Lummus Cotton Gin Company, Columbus, Ga. Cotton handling apparatus. 1,998,868; Apr. 23.
- Grimes, Thaddeus S., assignor to The Lummus Cotton Gin Company, Columbus, Ga. Baling press. 2,005,291; June 18.
- Grimes, Thaddeus S., assignor to Lummus Cotton Gin Company, Columbus, Ga. Huller feeder or the like. 2,009,047; July 23.
- Grimm, Albert. (See Meder, G., Eggert, and Grimm.)
- Grimm, John E., Dayton, Ohio, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Control unit. 1,986,892; Jan. 8.
- Grimm, John E., Dayton, Ohio, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radiocabinet. 2,003,436; June 4.
- Grimm, John W. (See Baker, W. N., Knode and Grimm.)
- Grimme, Walter, Oberhausen-Sterkrade-Nord, and H. Tramm, Oberhausen-Holten, Germany. Production of acetylene. 1,989,273; Jan. 29.
- Grimsley, Gail, Little Sioux, Iowa. Speed control mechanism. 2,006,136; June 25.
- Grindle, Aubrey J., assignor to Gaskoal Corporation, Chicago, Ill. Apparatus for feeding powdered fuel. 2,008,446; July 16.
- Grindrod, George, Oconomowoc, Wis. Stabilization of beverages and other liquids. 1,993,511; Mar. 5.
- Grindrod, George, Oconomowoc, assignor to Grindrod Process Corporation, Waukesha, Wis. Apparatus for treating foods. 2,019,491; Nov. 5.
- Grindrod, George, assignor to Grindrod Process Corporation, Waukesha, Wis. Heat treating foods. 2,020,309; Nov. 12.
- Grindrod, George E., Oconomowoc, assignor to Grindrod Process Corporation, Waukesha, Wis. Treating sulphur. 1,992,611; Feb. 26.
- Grindrod Process Corporation. (See Grindrod, George, assignor.)
- Grindrod Process Corporation. (See Grindrod, George E., assignor.)
- Grine, Harry A., White Plains, N. Y., J. G. Reid, and H. A. Wagner, Pottsville, Pa., assignors to The Philadelphia and Reading Coal and Iron Company, Philadelphia, Pa. Automatic furnace. 2,022,716; Dec. 3.
- Griffin, William H., Cleveland, Ohio. Basket. 2,001,571; May 14.
- Gringer, Louis B., New York, N. Y. Mop wringer. 2,023,133; Dec. 3.
- Gringer, Louis B., New York, N. Y. Portable mop wringer and pall unit. 2,023,134; Dec. 3.
- Grinnell Washing Machine Corporation. (See Adsit, C. G., and Lewis, assignors.)
- Grinslade, Henry M., Los Angeles, Calif. Brake equalizing mechanism. 1,996,332; Apr. 2.
- Grip, Carl A. O., Newtonville, assignor to The Reece Button Hole Machine Company, Boston, Mass. Buttonhole sewing machine. 2,020,779; Nov. 12.
- Griscom-Russell Company, The. (See Benzing, Julius, assignor.)
- Griscom-Russell Company, The. (See Dewald, Edward A., assignor.)
- Griscom-Russell Company, The. (See Jones, Russell C., assignor.)
- Griscom-Russell Company, The. (See Price, Joseph, assignor.)
- Griscom-Russell Company, The. (See Price, J., and Jones, assignors.)
- Griscom, Samuel B., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Obtaining service continuity by high speed reclosing. 2,005,140; June 18.
- Griscom, Samuel B., Pittsburgh, and H. C. Nycum, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electromagnetic over-speed protection. 2,000,753; May 7.
- Grismer, Benjamin, Bowdle, S. Dak. Drain control means. 1,990,689; Feb. 12.
- Grison, Joseph, New York, N. Y. Fire alarm device. 1,987,590; Jan. 8.
- Grison, Joseph, Braintree, Mass. Exhaust gas purifier for vehicles. 2,004,865; June 11.
- Grissinger, Elwood, Buffalo, N. Y. Loud speaker attachment. 2,013,953; Sept. 10.

- Grisso, Archa D., Fort Worth, Tex. Golf practice device. 2,006,137; June 25.
- Grist, Clinton E., Detroit, Mich. Scale signal light device. 2,009,691; July 30.
- Grist, Clinton E., Detroit, Mich. Scale signal device. 2,021,775; Nov. 19.
- Griswold, Frank W., Minneapolis, Minn., assignor, by mesne assignments, to Griswold Signal Company. Signal for railway crossings. 1,989,357; Jan. 29.
- Griswold, Frank W., Minneapolis, Minn., assignor, by mesne assignments, to Griswold Signal Company. Traffic signal. 2,009,258; July 23.
- Griswold, Frank W., Minneapolis, Minn., assignor by mesne assignments, to Griswold Signal Company. Signal of automatic type for railway crossings. 2,011,316; Aug. 13.
- Griswold, Frederick, Jr., trustee. (See Shea, Joseph H., assignor.)
- Griswold, Hugh T., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Apparatus for tightening caps on jars. 2,005,186; June 18.
- Griswold, Samuel A., Wethersfield, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Heater switch and circuit. 2,015,624; Sept. 24.
- Griswold Signal Company. (See Griswold, Frank W., assignor.)
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Transmission mechanism. 1,997,056; Apr. 9.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Motor mounting. 2,001,020; May 14.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Synchronizing mechanism for transmission gearing. 2,008,497; July 16.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Valve mechanism. 2,011,243; Aug. 13.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Vibration damper. 2,017,963; Oct. 22.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Transmission mechanism. 2,019,783; Nov. 5.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,021,935; Nov. 26.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Transmission mechanism. 2,022,034; Nov. 26.
- Gritz, Philip, assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Machine for forming offsets in springs. 1,993,162; Mar. 5.
- Grob, Benjamin, West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Operating means for switches and other apparatus. 2,022,035; Nov. 26.
- Grob, Benjamin, and Theodore Grob, West Allis, Wis. Pump. 1,998,083; Apr. 16.
- Grob, Hugo, Berlin, Germany. Generator armature. 1,988,039; Jan. 15.
- Grob, Theodore. (See Grob, Benjamin and T.)
- Grobard, Gabriel, Hartford, Conn. Blue flame wickless oil burner. 2,013,305; Sept. 3.
- Groble, William C., assignor to Mueller Co., Anderson, Ind. Fluid pressure regulator. 2,015,930; Oct. 1.
- Groble, William C., Anderson, Ind., assignor to Mueller Co., Decatur, Ill. Loading device or attachment for fluid pressure regulators. 2,015,931; Oct. 1.
- Grobling, John, Detroit, Mich. Aeroplane attachment. 2,025,739; Dec. 31.
- Groch, Robert D., Sacramento, Calif. Table fork. 2,004,659; June 11.
- Grodetsky & Polak. (See Polak, Bohumil, assignor.)
- Grodetsky & Polak, The firm. (See Hacklander, Maximilian, assignor.)
- Grodsky, Vladimir A., Falls Church, Va. Protecting underground pipes and conduits. 2,007,969; July 16.
- Green, Christopher, assignor to A. Y. McDonald Mfg. Co., Dubuque, Iowa. Pump construction. 2,019,784; Nov. 5.
- Greene, William F., and H. J. Siekmann, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Orbital lathe. 1,993,994; Mar. 12.
- Greene, William F., and H. J. Siekmann, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Orbital lathe. 1,993,995; Mar. 12.
- Groff, Emory L. (See Hoffman, C. T., and Groff.)
- Groff, Emory L., Trustee. (See Hoffman, Charles T., assignor.)
- Groff, Frazier, Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Denture. 1,990,903; Feb. 12.
- Groff, Frazier, Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Manufacturing an artificial resin. 2,008,417; July 16.
- Groff, William C., and W. C. Siebens, St. Louis, Mo. Protecting device for automobile upholstery. 2,003,435; June 4.
- Gro-Flex Corporation. (See Hamblin, Robert H., assignor.)
- Gro-Flex Corporation. (See Hassler, Robert H., assignor.)
- Grogan, Robert S. (See Ryan, Joseph B., assignor.)
- Groggins, Philip H., Washington, D. C., assignor to Secretary of Agriculture of the United States of America. Preparation of alkyl aryl ketones according to the Friedel and Crafts reaction. 1,991,743; Feb. 19.
- Groggins, Philip H., Washington, D. C., assignor to Secretary of Agriculture of the United States of America. Preparing useful products according to the Friedel and Crafts reaction. 2,008,418; July 16.
- Groggins, Philip H., and R. H. Nagel, Washington, D. C., assignors to H. A. Wallace, Secretary of Agriculture of the United States of America. Preparation of alkyl aryl ketones. 1,997,213; Apr. 9.
- Groggins, Philip H., and R. H. Nagel, Washington, D. C., assignors to H. A. Wallace, as Secretary of Agriculture of the United States of America. Condensation of organic acids and their anhydrides according to the Friedel and Crafts reaction. 1,999,538; Apr. 30.
- Groh, Jacob B., Los Angeles, Calif. Pump. 1,992,748; Feb. 26.
- Grohman, William J., Denver, Colo. Fastener for automobile hoods. 1,993,139; Mar. 5.
- Grohmann, Friedrich A. (See Kratky, F., and Grohmann.)
- Grohn, Henry P., Chicago, Ill. Load limiting device. 2,003,115; May 28.
- Grolee, Jean, Tarascon sur Ariere, France, assignor to Compagnie de Produits Chimiques et Electrometallurgiques Alais, Froges et Camargue, Paris, France. Electrolytic system for the production of aluminum. 2,026,466; Dec. 31.
- Groll, Herbert P. A., Oakland, assignor to Shell Development Company, San Francisco, Calif. Dehydrogenation of unsaturated alcohols. 2,011,317; Aug. 13.
- Groll, Herbert P. A., and M. W. Tamele, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Process for the treatment of unsaturated alcohols. 2,010,076; Aug. 6.
- Groll, Herbert P. A., and M. W. Tamele, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Oxidation of isocyanohydrates. 2,010,358; Aug. 6.
- Grom, Franz. (See Baile, G., and Grom.)
- Grom, Franz. (See Baile, G., Grom, and Wolf.)
- Gromes, Adolph, Hoboken, N. J. Fire screen. 1,994,888; Mar. 19.
- Grommesch, Albert P. (See Brown, Newman T., assignor.)
- Grommesch, Albert P., (by decree of distribution). (See Brown, Newman T., assignor.)
- Grommesch, Katherine H. (See Brown, Newman T.)
- Gromoff, Ivan. (See Conus, Jules, assignor.)
- Gronauer, Max H., Memphis, Tenn. Lapel fastener. 2,015,032; Sept. 17.
- Gronauer, Max H., Memphis, Tenn. Book cover. 2,015,306; Sept. 24.
- Grönningssæter, Anton M., Minneapolis, Minn., assignor to Falconbridge Nickel Mines Limited, Toronto, Ontario, Canada. Treating nickel-copper solution to remove iron present therein. 1,986,967; Jan. 8.
- Grönningssæter, Anton M., New York, N. Y., assignor to Falconbridge Nickel Mines Limited, Toronto, Ontario, Canada. Reduction of oxygeneous nickel or nickel copper compounds. 2,000,171; May 7.
- Grönningssæter, Anton M., New York, N. Y., assignor to Falconbridge Nickel Mines Limited, Toronto, Ontario, Canada. Electrolytic deposition of nickel from nickel salt solutions. 2,001,385; May 14.
- Groombridge, Walter H. (See Oxley, H. F., and Groombridge.)
- Groombridge, Walter H., and E. V. Mellers, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of cellulose from lignocellulose materials. 2,022,664; Dec. 3.
- Groombridge, Walter H., and E. V. Mellers, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of cellulose from ligno-cellulosic materials. 2,024,689; Dec. 17.
- Groot, Gerardus H. (See Goldberger, Franz, assignor.)
- Grosh, Earl B., Berkeley, V. Fish, Oakland, and S. A. Cohen, Berkeley, assignors to The Paraffine Companies, Inc., San Francisco, Calif. Covering material and making the same. 1,998,927; Apr. 23.
- Gross, Carl G. (See Stein, H., Gross, and Luci.)
- Gross, Carl G., Mount Vernon, assignor, by mesne assignments, to American Machine and Metals, Inc., New York, N. Y. Scalp steamer. 1,988,790; Jan. 22.
- Gross, Carl G., Mount Vernon, assignor, by mesne assignments, to American Machine and Metals Manufacturing Corporation, New York, N. Y. Plural jet hair drier. 2,023,883; Dec. 10.
- Gross, Charles E. (See Story, E. B., and Gross.)
- Gross, Charles E. (See Thomas, W. P., Bowers, and Gross.)
- Gross, Charles M. (See Le Clair, T. G., and Gross.)
- Gross, Emil. (See White, W. M., Schmidt, and Gross.)
- Gross, Erich, Vienna, Austria, assignor to General Electric Company. Protective arrangement for electric systems. 2,008,498; July 16.
- Gross, Ernest W., Winchester, Mass. Advertising display device. 1,996,616; Apr. 2.
- Gross, Harry. (See Schiffman, J., and Gross.)
- Gross, Herman, New York, N. Y. Burner guard for cooking utensils. 2,003,773; June 4.
- Gross, Howard H., Beacon, assignor to The Texas Company, New York, N. Y. Revivifying adsorbent materials. 1,997,174; Apr. 9.
- Gross, John. (See Dean, R. S., and Gross.)
- Gross, John, Minneapolis, Minn. Lawn mower sharpener. 1,987,557; Jan. 8.
- Gross, Leo H., Bartleson, Ill. Door operating device. 2,000,515; May 7.

- Gross, Louis, New York, N. Y. Syringe apparatus. 1,990,646; Feb. 12.
- Gross, Louis, Lausanne, Switzerland. Motion picture apparatus. 1,999,634; Apr. 30.
- Gross, Oswald M., Detroit, Mich. Insulation unit. 1,987,147; Jan. 8.
- Gross, Oswald M., Detroit, Mich. Speed wrench. 2,022,855; Dec. 3.
- Gross Photo Supply Company. (See Hatch, William A., assignor.)
- Gross Photo Supply Company. (See Kellermeier, Fred J., assignor.)
- Gross, Walter, Neuroessen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Oxidation of nitrites to nitrates. 2,013,984; Sept. 10.
- Gross, William H. (See Gann, J. A., and Gross.)
- Grosscup, Charles G. (See Thomas, C. A., and Grosscup.)
- Grosse, Adolph F., and A. C. Baumgartner, Duluth, Minn. Bookbinder. 2,021,724; Nov. 19.
- Grosse, Aristid V. (See Ipatieff, V., and Grosse.)
- Grosse, Aristid V., assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for conducting reactions at elevated pressures. 1,986,196; Jan. 1.
- Grosset, Georges, Montreuil Sous Bois, V. Hudeley, Clichy, and J. Lagrave, Paris, France. Auto-collimated objective for color photography. 2,003,881; June 4.
- Grosseth, John, Long Beach, assignor of one-fourth to M. Mittelmark, New York, N. Y. Electric steam heating plant. 2,017,831; Oct. 15.
- Grosskinsky, Otto. (See Nawlasky, P., and Grosskinsky.)
- Grossman, Alexander J., Minola, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical wave filter. 2,024,576; Dec. 17.
- Grossman, Harold, Caldwell, assignor to American Lead Pencil Company, Hoboken, N. J. Lead pencil and making same. 1,985,894; Jan. 1.
- Grossman, Morris, New York, N. Y. Device and process for obtaining sound from a printed impression on paper of light fluctuations. 2,006,890; July 2.
- Grossmann, Max R. (See Reiter, C., Loebe, Samson, Bobek, and Grossmann.)
- Grossweischede, Julius. (See Wallmann, C., Grossweischede, and Kruse.)
- Grote, Irvine W. (See Kamm, O., and Grote.)
- Grote, Irvine W., assignor to Parke, Davis & Company, Detroit, Mich. Composition of matter. 2,011,443; Aug. 13.
- Grote, Vera C., Chicago, Ill. Applicator. 2,023,884; Dec. 10.
- Grotenhuis, William J., Chicago, Ill., assignor to The Fulton Company, West Allis, Wis. Windshield. 2,002,736; May 28.
- Groth, Gustav C., Watertown, Wis. Scroll. 2,002,697; May 28.
- Grothe, Frank A., assignor to The Hoover Company, North Canton, Ohio. Electric switch. 2,015,399; Sept. 24.
- Grothe, Walter, Alameda, assignor to Caterpillar Tractor Company, San Leandro, Calif. Furnace. 2,002,030; May 21.
- Grothey, Ivan W., Laconia, N. H., assignor to Scott & Williams, Incorporated, New York, N. Y. Fabric and making the same. 2,010,187; Aug. 6.
- Grothey, Ivan W., Laconia, N. H., assignor to Scott & Williams, Incorporated, New York, N. Y. Knitted fabric. 2,026,127; Dec. 31.
- Grothuse, Frank T., Fort Wayne, Ind., assignor to General Electric Company. Refrigerating apparatus. 2,006,992; July 2.
- Grotues, Carl C., Park Ridge, Ill. Can closing tool. 2,017,495; Oct. 15.
- Grotta, Sidney S., assignor to Hartford-Empire Company, Hartford, Conn. Automatic control mechanism for glass feeding apparatus. 2,010,777; Aug. 6.
- GROUT, Perley F., Winthrop, Mass. Counter actuating device. 2,023,921; Dec. 10.
- Grove, Leo E., Hinsdale, Ill. Manufacturing slip sheets. 2,020,177; Nov. 5.
- Grove, Samuel F., Swarthmore, assignor to Henry Bower Chemical Manufacturing Company, Philadelphia, Pa. Manufacture of iron blues. 2,005,697; June 18.
- Grove, Samuel F., Swarthmore, assignor to Henry Bower Chemical Manufacturing Company, Philadelphia, Pa. Manufacture of iron blues. 2,005,698; June 18.
- Grove, Theron A., Revere, Mass. Screw thread repairing tool. 2,000,227; May 7.
- Groven, Eivind, Ekeberg Haveby, near Oslo, Norway. Tuning system for pianos. 1,992,571; Feb. 26.
- Groven, Frederick J., Highland Park, assignor to Ford Motor Company, Dearborn, Mich. Paint baking process. 1,998,615; Apr. 23.
- Groven, Frederick J., Highland Park, and W. F. Pioch, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Portable welding machine. 1,993,961; Mar. 12.
- Grover, Elliott E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lifting device for ice trays. 1,997,416; Apr. 9.
- Groves, Earl E. (See Poston, George R., assignor.)
- Grower, James G., Watertown, Mass. Apparatus for making leather substitutes. 2,024,284; Dec. 17.
- Grower, William F., et al. Trustees. (See Pratt, Harry P., assignor.)
- Grozier, Thomas H., Greenwich Point, Sydney, New South Wales, Australia. Arresting dust and fluff from machines or appliances for cutting paper and other fibrous materials. 1,986,726; Jan. 1.
- Grubb, Lee, Dearborn, Mich. Bearing. 1,996,994; Apr. 9.
- Grubba, Ray B. (See Palmer, G. B., Jr., Grubba, and Missner.)
- Gruber, Earl B., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Hydraulic hoist. 2,008,980; July 23.
- Gruber, Edward, Cleveland, assignor to E. E. Allyne, Shaker Heights, Ohio. Absorption refrigerating apparatus. 2,003,437; June 4.
- Gruber, Francis E. (See Worrell, W. P., and Gruber.)
- Gruber, Gilbert S., Cambridge, Mass., assignor to National Folding Box Company, New Haven, Conn. Dispensing container. 2,017,406; Oct. 15.
- Gruber, Ludwig, Zurich, Switzerland. Automatic closure for collapsible tubes. 2,016,037; Oct. 1.
- Grubler, Harold F. (See Sando, J. B., and Grubler.)
- Grubman, Leo J., Belle Harbor, N. Y., assignor to Voices, Incorporated, Newark, N. J. Sound producing device. 1,998,082; Apr. 16.
- Grubman, Leo J., Belle Harbor, assignor to Margon Corporation, New York, N. Y. Flexible doll head with eye set, and eye set support means therefor. 1,999,725; Apr. 30.
- Grubman, Leo J., Belle Harbor, assignor to Margon Corporation, New York, N. Y. Doll head and eye set and mouth set therefor. 1,999,726; Apr. 30.
- Gruchacz, Stanley A., Bloomfield, assignor to Monroe Calculating Machine Company, Orange, N. J. Temporary blanking mechanism. 1,989,412; Jan. 29.
- Grudin, Louis, New York, N. Y. Reading device. 1,992,944; Mar. 5.
- Gruebler, Felix, Basel, Switzerland. Internal combustion engine. 2,018,848; Oct. 29.
- Gruenberg, Raoul J. (See Stern, E. L., and Gruenberg.)
- Gruenberger, Herman, Bellaire, N. Y. Roller shade attachment. 2,023,320; Dec. 3.
- Gruender, Oscar C., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Bearing protection device. 2,000,385; May 7.
- Gruender, Oscar C., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Feed device for a cone crusher. 2,020,464; Nov. 12.
- Grueneberg, William C., Cincinnati, Ohio. Enclosable vase. 1,995,771; Mar. 26.
- Gruman, Horace F., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Looper mechanism for sewing machines. 2,003,882; June 4.
- Gruman, J. W., et al. (See Mattila, Charles J., assignor.)
- Grumbacher, Walter, New York, N. Y. Engraving tool. 2,010,590; Aug. 6.
- Grunney, Samuel D., Hampton, and R. H. Carter, Johnson City, Tenn., assignors to North American Rayon Corporation. Collapsible spool. 1,999,606; Apr. 30.
- Grumpelt, Oskar F. A. E., assignor to the firm Grumpelt Propellerbau Gesellschaft mit beschränkter Haftung, Flughafen, Hamburg, Germany. Propeller. 2,022,562; Nov. 26.
- Grumpelt Propellerbau Gesellschaft mit beschränkter Haftung. (See Grumpelt, Oskar F. A. E., assignor.)
- Gruna, Andrew, Union City, and F. Radhuber, North Bergen, N. J., assignors to Michael Zimic, Forest Hills West, N. Y. Stop motion for knitting machines. 2,003,774; June 4.
- Grunbaum, Milton, San Francisco, Calif. Riveted garment. 1,999,927; Apr. 30.
- Grund, William, Detroit, Mich. Structural expansion unit. 1,990,323; Feb. 5.
- Grundstein, Julius, assignor to Gesellschaft des leichten Naxos-Schmirgels Naxos-Union Schmirgel-Dampferwerk Frankfurt a. m. Julius Pfungst, Frankfurt-on-the-Main, Germany. Device for spherical grinding on circular grinding machines. 2,003,883; June 4.
- Grundy, John E., assignor to Charles Bond Company, Philadelphia, Pa. Flexible coupling. 2,003,848; June 4.
- Grunwald, Albert C., River Forest, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel dispensing apparatus. 1,993,882; Mar. 12.
- Grunwald, Albert C., River Forest, assignor to Precision Metal Workers, Chicago, Ill. Ash receiver. 2,021,723; Nov. 19.
- Grupe, Herman L., Scotia, and R. H. Kienle, Schenectady, N. Y., assignors to General Electric Company. Plastic composition and making the same. 2,018,492; Oct. 22.
- Grupe, William F., Lyndhurst, N. J., assignor to H. H. Straus, New York, N. Y. Severing and collating means. 2,012,561; Aug. 27.
- Gruse, William A. (See Martin, S. M., Jr., and Gruse.)
- Gruse, William A. (See Stevens, D. R., and Gruse.)
- Gruss, Francis J., and F. K. Gruss, San Francisco, Calif. Surgical needle. 2,023,807; Dec. 10.
- Gruss, Francis K. (See Gruss, Francis J., and F. K.)
- Grüter, Paul R., Berlin-Charlottenburg, Germany. Making readily soluble complex theophylline compounds. 2,017,279; Oct. 15.
- Gruver, Arthur L., St. Joseph, Mo. Drinking fountain. 2,020,604; Nov. 12.
- Gruver, Joseph H., Catonsville, Md., and J. H. Baldwin, New Milford, Conn., assignors to Container Fitments Inc., New York, N. Y. Nonrefillable bottle stopper. 2,002,143; May 21.
- Gualtiere, Julius. (See Stimpson, E. B., and Gualtiere.)
- Guaranteed Parts, Inc. (See Anderson, Carl A., assignor.)

- Guaranteed Parts, Inc. (See Dodge, Sherwood O., assignor.)
- Guardianair Corporation, The. (See Greene, Otto W., assignor.)
- Guardite Corporation, The. (See Baer, John M., assignor.)
- Guarnaschelli, Stephen, Brooklyn, assignor to Packless Metal Products Corporation, New York, N. Y. Die for making spirally corrugated tubing. 2,023,417; Dec. 10.
- Guarnaschelli, Stephen, Brooklyn, assignor to Packless Metal Products Corporation, New York, N. Y. Flexible metallic tube or hose. 2,026,166; Dec. 31.
- Guarnaschelli, Stephen, Brooklyn, assignor to Packless Metal Products Corporation, New York, N. Y. Swivel coupling. 2,026,167; Dec. 31.
- Guarnaschelli, Stephen, Brooklyn, assignor to Packless Metal Products Corporation, New York, N. Y. Leak-proof coupling for metal tubing. 2,026,168; Dec. 31.
- Gubelmann, Ivan, and R. J. Goodrich, South Milwaukee, and W. Dettwyler, Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Acridone dianthrimide vat dyestuffs and their production. 2,001,418; May 14.
- Gubelmann, Ivan, and R. J. Goodrich, South Milwaukee, and W. Dettwyler, Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Anthraquinone acridone vat dyestuff. 2,001,419; May 14.
- Gubelmann, Ivan, Wilmington, Del., and W. L. Rintelman, Carrollville, Wis., assignors to E. I. du Pont de Nemours and Company, Wilmington, Del. Selenium containing anthraquinone compounds. 2,019,850; Nov. 5.
- Gubelmann, William S., Brooklyn, N. Y. Calculating machine. 1,999,727; Apr. 30.
- Guiberson Diesel Engine Company, The. (See Thaheld, Feri A., assignor.)
- Guckenheimer, Abe S., Savannah, Ga. Ash holder. 2,026,169; Dec. 31.
- Gude, Louis H., Eau Claire, Wis. Battery charging voltage regulator. 2,018,716; Oct. 29.
- Gudmundsen, Austin. (See Hasche, R. L., and Gudmundsen.)
- Gudmundsen, Austin, Milwaukee, Wis. Portable water treating apparatus. 2,017,456; Oct. 15.
- Gudmundsen, Austin, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Window regulator. 2,017,244; Oct. 15.
- Guedon, Emile C., Haddon Heights, N. J., assignor to Radio Corporation of America. Electromagnetic pick up device. 1,995,177; Mar. 19.
- Guedon, Emile C., Audubon, N. J., assignor to Radio Corporation of America. Sound translating device. 2,020,605; Nov. 12.
- Guedry, Edith A., administratrix. (See Guedry, France E., assignor.)
- Guedry, France E., deceased, by E. A. Guedry, administratrix, assignor to E. A. Guedry, Fort Worth Tex. Envelope-filling machine. 2,004,048; June 4.
- Guehne, Rudolph R., St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacturing unlined boots and shoes. 1,998,455; Apr. 23.
- Guempel, Robert R., Hasbrouck Heights, N. J., assignor to General Motors Corporation, Detroit, Mich. Assembling machine. 1,996,415; Apr. 2.
- Guenther, Arthur E., Buffalo, assignor to Du Pont Rayon Company, New York, N. Y. Bucket. 2,012,851; Aug. 27.
- Guenther, Arthur G., assignor to T. M. Guenther, Denver, Colo. Control system for motor-driven vehicles. 2,020,640; Nov. 12.
- Guenther, Henry L., Los Angeles, Calif. Vacuum closing machine. 1,988,488; Jan. 22.
- Guenther, Fritz, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie, Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sulphuric ester of mono-acetals. 2,016,109; Oct. 1.
- Guenther, Max. (See Lederle, E., and Guenther.)
- Guenther, Rudolph H., Chicago, Ill. Ventilator. 2,018,020; Oct. 22.
- Guenther, Therese M. (See Guenther, Arthur G., assignor.)
- Guerin, William P. (See McKee, Harry E., assignor.)
- Guerini, Berardo, Brescia, Italy. Bronzing articles and parts made of iron and alloys of iron and carbon. 1,997,141; Apr. 9.
- Guernsey, Charles O., Yeadon, Pa. Cushion wheel. 2,014,731; Sept. 17.
- Guernsey, Charles O., Yeadon, Pa., assignor to American Car and Foundry Motors Company, New York, N. Y. Internal combustion engine. 2,001,358; May 14.
- Guernsey, Ernest W., and R. E. Vollrath, assignors to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Purification of sulphur. 1,990,602; Feb. 12.
- Guess, Adeline A., et al. (See Scherer, John R., assignor.)
- Guess, Frank M., et al. (See Scherer, John R., assignor.)
- Guest, James J., Abbey Wood, and H. H. Wheatley, deceased, Banstead, by Barclays Bank Limited, London; L. D. B. Wheatley, St. Ives, and A. Arnold, Bournemouth, England, executors. Cutting of spiral bevel gears. 1,990,432; Feb. 5.
- Guett, Monroe, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Wall plate for electrical devices. 2,012,875; Aug. 27.
- Guett, Monroe, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Circuit breaker. 2,025,857; Dec. 31.
- Guest, William W., Los Angeles, Calif.; I. F. Parker, trustee of said W. W. Guest, bankrupt. Rock crusher. 1,997,214; Apr. 9.
- Guetti, Lorenzo S., Athol, Mass. Alloy. 2,008,862; July 23.
- Guffey, John H., Pittsburgh, Pa. Airplane discharging apparatus. 1,993,341; Mar. 5.
- Guggenheim Brothers. (See Bevan, John G., assignor.)
- Gugger, Paul H., and W. E. Barentzen, New York, assignors to Comolite Corporation, Long Island City, N. Y. Artificial wood composition and making the same. 1,988,242; Jan. 15.
- Guhl, Henry C., Haven, Kans. Solderless connector for electric conducting cables. 2,001,131; May 14.
- Guhl, Henry C., Haven, Kans., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Variable ratio transformer. 2,000,754; May 7.
- Guhl, Henry C., Haven, Kans., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,020,941; Nov. 12.
- Guhl, Hermann, Karlsruhe in Baden, Germany. Cock for gas ranges and the like. 2,019,007; Oct. 29.
- Guhring, Eugen. (See Hagedorn, M., Reichert, and Guhring.)
- Guiberson Corporation, The. (See Crickmer, C. S., and Stanlee, assignors.)
- Guiberson Corporation, The. (See Guiberson, William R., assignor.)
- Guiberson Corporation, The. (See Standlee, Harvey R., assignor.)
- Guiberson Corporation, The. (See Thaheld, Feri A., assignor.)
- Guiberson, William R., assignor to The Guiberson Corporation, Dallas, Tex. Oil saver. 2,005,259; June 18.
- Guicherd, Louis, Neuilly-sur-Seine, France. Light projector. 2,025,982; Dec. 31.
- Guida, Silvio, Hudson Heights, N. J. Pipe. 2,015,521; Sept. 24.
- Guide Lamp Corporation. (See Arbuckle, Samuel F., assignor.)
- Guide Lamp Corporation. (See Linendoll, A. E., and Graham, assignors.)
- Guidetti, Ferruccio, Elmhurst, N. Y. Attachment for water closets. 1,988,078; Jan. 15.
- Guido, Joseph, et al. (See Graziano, Joseph, assignor.)
- Guignard, Edouard, Paris, France, assignor to Société Parisienne pour l'Industrie des Chemins de Fer et des Tramways Electriques, Paris, France. Electric traction. 2,001,357; May 14.
- Guignet, Léon A., La Varenne Ste., Hilaire, assignor to The Compagnie Royale Asturienne des Mines, Paris, France. Tool for making cartridge shells. 2,003,438; June 4.
- Guilbault, Ludger, assignor to T. P. Gelinas, Montreal, Quebec, Canada. Feeding mechanism. 1,999,836; Apr. 30.
- Guilbert, Nicholas R., Jr. (See Borden, J. H., and Guilbert.)
- Guild, Waldo J., and H. E. Ostlund, assignors to The Heald Machine Company, Worcester, Mass. Hydraulic system for automatic machines. 1,989,857; Feb. 6.
- Guilford, Howard A., and E. L. Soland, Minneapolis, Minn. Internal combustion engine. 2,009,493; July 30.
- Guillaix, Marcel, Saint-Chamond, France. Bench vise and the like. 1,994,217; Mar. 12.
- Guillaume, Anton A., assignor to Segelke & Kohlhaus Company, LaCrosse, Wis. Weather stripping. 2,011,278; Aug. 13.
- Guinness, Kenelm E. L., London, England. Reciprocating pump. 1,995,424; Mar. 26.
- Guinot, Henri M. (See Ricard, E., Guinot, and Parant.)
- Guinot, Henri M., Melle, France, assignor to Commercial Solvats Corporation, New York, N. Y. Continuous process of producing esters from aqueous solutions of aliphatic acids. 2,012,812; Aug. 27.
- Guirl, Paul R. (See Barnes, J. S., and Guirl.)
- Guiden, Edmund R., Gladstone, Minn. Toy. 1,997,461; Apr. 9.
- Gulf Refining Company. (See Ayres, Eugene, assignor.)
- Gulf Refining Company. (See Ayres, Eugene E., assignor.)
- Gulf Refining Company. (See Ayres, E., and Smith, assignors.)
- Gulf Refining Company. (See Buerger, Charles B., assignor.)
- Gulf Refining Company. (See Martin, S. M., Jr., and Gruse, assignors.)
- Gulf Refining Company. (See McElroy, Karl P., assignor.)
- Gulf Refining Company. (See Payne, C. R., and Stevens, assignors.)
- Gulf Refining Company. (See Smith, Herschel G., assignor.)
- Gulf Refining Company. (See Stevens, D. R., and Gruse, assignors.)
- Gulf Research & Development Corporation. (See Ambrose, H. A., and Loomis, assignors.)
- Gulf Research & Development Corporation. (See Kennedy, H. T., and Lawton, assignors.)
- Gulf Research & Development Corporation. (See Lawton, H. C., Loomis, and Ambrose, assignors.)
- Gulf Research & Development Corporation. (See Muskat, Irving E., assignor.)
- Gulf Research & Development Corporation. (See Pigott, Reginald J. S., assignor.)
- Gulf Research & Development Corporation. (See Pigott, R. J. S., and Rusler, assignors.)

- Gulf Research Development Corporation. (See von Forster, H., and de Lange, assignors.)
- Gulf States Paper Corporation. (See Hodges, Paul, assignor.)
- Gulf States Steel Company. (See Bowron, C. E., and Delany, assignors.)
- Gulick, Russell A., Winthrop, Mass., assignor, by mesne assignments, to Archie M. Andrews, New York, N. Y. Lighter. 2,016,898; Oct. 8.
- Gullizia, Pietro, Chicago, Ill. Pen. 1,986,394; Jan. 1.
- Guljas, Nicholas L., Jr., South Bend, Ind. Quick-detachable lamp and socket. 2,003,507; June 4.
- Gulke, Otto A., Palo Alto, assignor of one-half to J. C. Forsythe and D. Simpson, Burlingame, Calif. Trousers. 2,014,802; Sept. 17.
- Gullett Gin Company. (See Wallace, Jeffrey J., assignor.)
- Gullette, Willis S., Highland, Ind., assignor to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbons. 1,994,246; Mar. 12.
- Gulliford, Archibald T., administrator. (See Gulliford, Nicholas L.)
- Gulliford, Nicholas L., deceased, Peabody, by A. T. Gulliford, Lynn, Mass., administrator, assignor to Gulliford Wood Heel Company. Heel breasting machine. 2,004,070; June 4.
- Gulliford Wood Heel Company. (See Gulliford, Nicholas L., assignor.)
- Gulliksen, Finn H., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Alternating-current regulator. 2,005,892; June 25.
- Gulliksen, Finn H., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current regulating system. 2,005,893; June 25.
- Gulliksen, Finn H., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating apparatus. 2,012,426; Aug. 27.
- Gulliksen, Finn H., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,020,942; Nov. 12.
- Gulliver, Arthur C., London, England. Shoveling hand-truck and the like. 2,026,310; Dec. 31.
- Gulotta, Rosolino, Bronx, N. Y. Ophthalmic mounting. 2,019,345; Oct. 29.
- Gum Inc. (See Bowman, Jacob W., assignor.)
- Gump, B. F. (See Hazle, Albert J., Jr., assignor.)
- Gump, William. (See Carswell, T. S. and Gump.)
- Gumpper, Harold D., Detroit, Mich. Speed governor for gas electric power units. 2,004,404; June 11.
- Gumpper, Harold D., Detroit, Mich. Unit electric power generating plant. 2,004,405; June 11.
- Gumprecht, Arnold. (See von Seld, A. F., Jr., and Gumprecht.)
- Gumprich, William. (See Gilbert, W. N., and Gumprecht.)
- Gumprich, William. (See Strachan, T. H., and Gumprecht.)
- Gumprich, William, Brooklyn, assignor by mesne assignments, to International Business Machines Corporation, New York, N. Y. Lever system. 2,007,394; July 9.
- Gunderson, August, Oslo, Norway. Construction of sub-aqueous tunnels. 2,010,484; Aug. 6.
- Gunderson, Bernard, assignor of one-half to J. C. Robinson, St. Paul, Minn. Progressive distributing lubricator. 2,023,071; Dec. 3.
- Gunderson, Joseph F., Portland, Oreg. Gear puller. 1,987,008; Jan. 8.
- Gunn-Fill Corporation. (See Battle, John R., assignor.)
- Gunn, Damon M., Fort Preble, Maine. Valved closure. 1,992,067; Feb. 19.
- Gunn, Earl G., Racine, Wis., assignor, by mesne assignments, to Bendix Products Corporation, South Bend, Ind. Brake. 2,001,958; May 21.
- Gunn, Fred W., Boston, Mass. Clasp for parallel hose members. 2,012,562; Aug. 27.
- Gunn, Ross, Washington, D. C. Thermionic control device. 1,991,387; Feb. 19.
- Gunn, Ross, Chevy Chase, Md. Ultra high frequency communication system. 2,020,310; Nov. 12.
- Gunther, Hermann, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread-drawing machine. 1,992,370; Feb. 26.
- Gunther, Hermann, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Loop-taker for sewing machines. 1,996,290; Apr. 2.
- Günther, Otto, assignor to Maschinenfabrik Esslingen, Esslingen-on-the-Neckar, Germany. Steam boiler. 1,997,215; Apr. 9.
- Günther, Rudolf G., assignor to David Richter Aktien Gesellschaft, Chemnitz, Germany. Manufacture of stockings. 2,015,010; Sept. 17.
- Gunther, Ruth E., Richmond, Va. Mechanical stopper. 1,995,474; Mar. 26.
- Gunthorp, Cecil H., assignor to Economy Fuse and Manufacturing Company, Chicago, Ill. Attachment plug. 1,988,489; Jan. 22.
- Gurber, Samuel, West Tulsa, Okla. Concrete building construction. 2,012,191; Aug. 20.
- Gurck, Arnoldus J., The Hague, Netherlands. Siphon. 1,988,897; Jan. 22.
- Gurck, Arnoldus J., The Hague, Netherlands. Lavatory cistern. 2,013,149; Sept. 3.
- Gurkey, Stephen A., Allentown, assignor to F. and C. Vlossak, trustees, Palmerton, Pa. Bottle turnover device. 1,992,156; Feb. 19.
- Gurley, Robert L., assignor of one-half to C. M. Dees, Oakfield, Tenn. Plow. 2,002,059; May 21.
- Gurley, Thomas J. (See North, S. N., and Gurley.)
- Gurney, Daniel, assignor to Landis Tool Company, Waynesboro, Pa. Sizing device for grinding machines. 2,008,137; July 16.
- Gurney, Dayton A., Silver Spring, Md., and T. A. Conlon, Caro, Mich. Gun. 2,003,290; June 4.
- Gurney Elevator Co., The. (See Gale, Ernest L., assignor.)
- Gurney Elevator Co., The. (See Rubin, Samuel N., assignor.)
- Gurrieri, Louis, and S. Gurrieri, Canarsie, N. Y. Line supporting means for fishing rods. 1,993,342; Mar. 5.
- Gurrieri, Salvatore. (See Gurrieri, Louis, and S.)
- Gursky, Max, Bronx, N. Y. Spring bottom for beds. 1,991,205; Feb. 12.
- Gurton, William S., J. Plint, and H. Nyberg, assignors to Dominion Truck Equipment Co. Limited, Kitchener, Ontario, Canada. Compensating draft coupling for tractors and trailers. 1,995,920; Mar. 26.
- Gurwick, Irving, New York, N. Y., assignor, by mesne assignments, to Shellmar Products Company, Chicago, Ill. Etching, particularly for intaglio cylinders. 2,021,687; Nov. 19.
- Gurwick, Irving, Harmon, N. Y., assignor to Shellmar Products Company, Chicago, Ill. Printing machine. 2,024,354; Dec. 17.
- Gury, J. B., Mfg. Co. (See Gury, John B., Jr., assignor.)
- Gury, John B., Jr., assignor to J. B. Gury Mfg. Co., St. Louis, Mo. Cloth cutting machine. 2,010,514; Aug. 6.
- Gusdorf, Harold M., Indianapolis, Ind. Tanning hides. 1,988,684; Jan. 22.
- Gusdorf, Harold M., Indianapolis, Ind. Tanning hides. 1,988,685; Jan. 22.
- Guseo, Camillo, and V. Ravasio, Villanova sul Clisi, Italy. Reel for making automatically tied up or crossed hanks. 2,009,177; July 23.
- Gusmer, Aage. (See Hellmann, Heinrich W., assignor.)
- Gussack, Nathan A., Flushing, assignor to Grant Elevator Equipment Corporation, Woodside, New York, N. Y. Door closing mechanism. 1,997,175; Apr. 9.
- Gustafson, Alfred N., assignor to Schramm, Incorporated, West Chester, Pa. Control for internal combustion engines. 2,023,418; Dec. 10.
- Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., Minneapolis, Minn. Land vehicle. 1,986,146; Jan. 1.
- Gustafson, Carl A., assignor to Caterpillar Tractor Co., Minneapolis, Minn. Road working apparatus. 1,986,147; Jan. 1.
- Gustafson, Carl A., Minneapolis, Minn., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 1,989,274; Jan. 29.
- Gustafson, Carl A., Minneapolis, Minn., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 1,989,315; Jan. 29.
- Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 1,994,817; Mar. 19.
- Gustafson, Carl A., Minneapolis, Minn., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 1,999,189; Apr. 30.
- Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road finishing machine. 2,008,908; July 23.
- Gustafson, Clarence W., White Valley, Mass. Air brake operating device. 1,999,964; Apr. 30.
- Gustafson, Clifford E. (See Fischer, H. G. M., and Gustafson.)
- Gustafson, Joseph G., Midland, Calif., assignor to United States Gypsum Company, Chicago, Ill. Gypsum plaster and manufacturing same. 2,002,176; May 21.
- Gustafsson, Emil G. T., Stockholm, Sweden. Producing alloys containing metal of the iron group. 2,010,230; Aug. 6.
- Gustafsson, Eric, assignor to Binks Manufacturing Company, Chicago, Ill. Flat-spraying appliance. 1,990,823; Feb. 12.
- Gustafsson, Eric, assignor to Binks Manufacturing Company, Chicago, Ill. Air nozzle for flat-spraying appliances. 1,990,824; Feb. 12.
- Gustafsson, Ernst V. (See Hellgren, Gustaf H., assignor.)
- Gustafsson, Nils G. A., assignor to Svenska Ackumulator Aktiebolaget Junger, Stockholm, Sweden. Carburetor. 2,012,665; Aug. 27.
- Gustavson, Alvin N., Jamestown, N. Y., assignor to Automatic Voting Machine Corporation. Voting machine. 2,025,164; Dec. 24.
- Gustin-Bacon Manufacturing Co. (See Stephens, Joseph F., assignor.)
- Gustin, Daniel S., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Mount getting device. 1,989,800; Feb. 5.
- Gustin, Daniel S., Bloomfield, and W. J. Mongon, Montclair, N. J., assignors to Westinghouse Lamp Company. Locomotive headlight lamp. 1,986,473; Jan. 1.
- Gustin, Daniel S., Bloomfield, and J. M. Fagan, Maplewood, N. J., assignors to Westinghouse Lamp Company. Device for operating photoflash lamps. 1,986,474; Jan. 1.
- Gustin, Daniel S., and W. D. Flook, Bloomfield, N. J., assignors to Westinghouse Lamp Company. Sealing metal wires to glass. 2,006,568; July 2.
- Gustin, John E., Fort Dodge, Iowa. Cutter for longitudinal and radial vegetable slicing. 2,012,507; Aug. 27.
- Gustin, Max, New York, N. Y. Footwear. 2,024,729; Dec. 17.

- Gutberlett, Helmut, Wuppertal-Barmen, Germany. Apparatus for arranging the fastener members of sliding-clasp fasteners in rows. 2,003,146; May 28.
- Gutekunst, Gurney O., Rochester, N. Y., assignor of twenty one-hundredths to C. E. Rogers, and thirty-one hundredths to Russell H. Rogers, Detroit, Mich. Producing soluble cocoa. 2,014,342; Sept. 10.
- Gutermuth, Max F., Darmstadt, Germany. Distributing valve. 1,995,885; Mar. 26.
- Guth, Arthur R., Woodside, assignor of one-half to S. K. Rosenstein, Brooklyn, N. Y. Film editing and splicing apparatus. 2,022,934; Dec. 3.
- Guth, Rudolph, Cleveland, Ohio. Mixing device. 2,006,993; July 2.
- Guth, Stern & Co. (See Osterman, Samuel, assignor.)
- Guthier, Roy E., Chicago, Ill. Airplane. 1,989,358; Jan. 29.
- Guthrie, James, Elyria, Ohio. Tramrail tractor. 1,987,104; Jan. 8.
- Guthrie, Richard C., Wichita Falls, Tex. Magneto. 2,009,228; July 23.
- Guthrie, Robert G. (See Wittmann, R. A., and Guthrie.)
- Guthrie, Ufa E., et al. (See Birk, Harold W., assignor.)
- Gutierrez, A., Inc. (See Ciolino, Charles N., assignor.)
- Gutjahr, Emil, Wendlingen O/A Esslingen, Germany, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Dynamo-electric machine. 2,020,258; Nov. 5.
- Gutton, Sidney S., Newton, assignor to Modern Curtain Co., Inc., Boston, Mass. Woven fabric. 2,021,993; Nov. 26.
- Gutman, Fred J., Chicago, Ill. Static removing apparatus. 2,023,321; Dec. 3.
- Gutmann, Ferdinand & Co. (See Cohn, Benno, assignor.)
- Gutmann, Ferdinand, & Co. (See Rasmussen, Charles H., assignor.)
- Gutmann, Ferdinand & Co. (See Waring, Olaf I., assignor.)
- Gutmann, Herbert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Circuit arrangement for electronic amplifiers. 1,985,923; Jan. 1.
- Gutmann, John, Jr., St. Albans, N. Y., and A. M. Wolf, Newark, N. J., assignors to Motor Jack Corporation, New York, N. Y. Jacking apparatus. 1,988,447; Jan. 22.
- Gutmann, John, St. Albans, N. Y. Built-in gas range. 2,021,651; Nov. 19.
- Gutman, Joseph G. (See Brandt, H. E., and Guttman.)
- Gutteridge, Leonard. (See Robertson, John H. and John, Gutteridge, and Howard.)
- Güttinger, Heinrich, Wettingen, R. K. Ennetbaden, and P. Martenetz, assignors to Aktiengesellschaft Brown Boveri & Cie. Baden, Switzerland. Electric regulator. 1,991,322; Feb. 12.
- Guttmann, Joseph, G., St. Paul, Minn. Turn signal. 2,014,473; Sept. 17.
- Gutzwiller, Erwin C., assignor of one-half to I. J. Amo, North Plainfield, N. J. Internal combustion engine. 2,005,141; June 18.
- Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Universal joint. 1,993,094; Mar. 5.
- Guy, Harry L., assignor to Ford Roofing Products Company, Chicago, Ill. Roofing. 2,007,855; July 9.
- Guy, John F. (See Laffey, W. J., and Guy.)
- Guy, John M., Danville, Ill. Shoe. 1,995,506; Mar. 26.
- Guy and Murton, Incorporated. (See Guy, Frederick M., assignor.)
- Guyer, August, assignor to the firm Escher Wyss Maschinenfabriken, Aktiengesellschaft, Zurich, Switzerland. Refrigerant for refrigerating processes in which the refrigerant has to be compressed. 2,014,496; Sept. 17.
- Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Filler and flat construction. 1,989,316; Jan. 29.
- Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Container. 1,998,716; Apr. 23.
- Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Reclosing box. 1,998,717; Apr. 23.
- Guyer, Reynolds, assignor to Waldorf Paper Product Company, St. Paul, Minn. Egg case cushion pad. 2,018,954; Oct. 29.
- Guyler, Albert F. (See Welch, S. A., Ashby, Guyler and Boaler.)
- Guyot, Marius, Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Mold clamping device. 1,998,316; Apr. 16.
- Guyot, Robert R. J. (See Supligeau, C. L. H., and Guyot.)
- Guyton, Robert H., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Automatic check for refrigerating systems. 2,019,605; Nov. 5.
- Guziel, Alexander A. and A. Korff, Hollywood, Calif. Testing device for internal combustion engines. 1,993,242; Mar. 5.
- Gwaltney, William E., Trafford, Pa., assignor to Westinghouse Electric & Manufacturing Company. Laminated material. 1,991,090; Feb. 12.
- Gwathmey, Joseph H., Harrisonville, assignor to Webb City Bank, Webb City, Citizens National Bank, Harrisonville, and Federal Reserve Bank of Kansas City, Kansas City, Mo. Gas burning apparatus for domestic heating plants. 2,006,804; July 2.
- Gwinn, George W., Hewlett, N. Y., assignor to American Machine & Foundry Company. Cigarette rod former and compressor. 1,992,749; Feb. 26.
- Gwinn, Joseph M., Jr., Buffalo, N. Y., assignor to Consolidated Aircraft Corporation. Vane for recovery of energy in propeller slip-stream. 2,006,805; July 2.
- Gwozdecki, Gustaw, Paris, France. Sighting device for cameras. 1,992,068; Feb. 19.
- Gwyn, Childress B., Jr., assignor to P. R. Mallory & Co., Indianapolis, Ind. Electrical make-and-break contactor and method of mounting points thereof. 1,990,783; Feb. 12.
- Gwynn, William A., St. Louis, Mo. Vulcanizing device. 2,009,549; July 30.
- Gyatt, Cecil E., North Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Woven fabric conveyer and like band. 2,019,700; Nov. 5.
- Gylleck, Olaf T. (See Lee, J. E., Gylleck, and Barney.)
- Gymnaïtes, Nickolas, Ventura, Calif. Water cooler and filter. 2,018,849; Oct. 29.
- Gyngell, Eric S. (See Lessing, R., Allen, and Gyngell.)
- Gyro Brush Co. (See Hubert, Theodore P., assignor.)
- Gyro Process Company. (See Chave, C. T., and Schutt, assignors.)
- Gyro Process Company. (See Throckmorton, John W., assignor.)
- Gyulay, John, New York, N. Y. Dog harness. 2,026,383; Dec. 31.
- Gzupkaytie, Matt, Baltimore, Md. Demountable wheel. 1,997,821; Apr. 16.
- H-B Instrument Company. (See Hiergesell, Valentine, assignor.)
- H. B. Motor Corporation. (See Harper, William, Jr., assignor.)
- H-B Wrist Snapper, Inc. (See Hayward, Sterling P., assignor.)
- H. L. G. Co. (See Humphrey, Herbert S., assignor.)
- Haag, Charles J., assignor to Columbia Protektosite Co., Incorporated, Carlstadt, N. J. Goggle frame and making the same. 2,006,917; July 2.
- Haag, Ivan L., Lakewood, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of lactic acid. 2,013,096; Sept. 3.
- Haag, Theodore T., assignor to Jamestown Metal Equipment Company, Inc., Jamestown, N. Y. Film viewing cabinet. 1,988,654; Jan. 22.
- Haag, Theodore T., Lakewood, assignor to Jamestown Metal Equipment Company, Inc., Johnstown, N. Y. Latching mechanism. 1,996,865; Apr. 9.
- Haak, Frederick, Flushing, N. Y., and F. W. Smith, Teaneck, N. J., assignors to The Superheater Company, New York, N. Y. Superheater recirculator. 2,019,606; Nov. 5.
- Haaky Manufacturing Company. (See Mjolsness, Haakon, assignor.)
- Haan, Gilbert Jay, Jr., assignor to Keeler Brass Company, Grand Rapids, Mich. Door handle escutcheon. 1,999,454; Apr. 30.
- Haas, Albert A., Macon, Ga. Air valve. 1,996,291; Apr. 2.
- Haas, Clarence C. (See Kriegbaum, G. M., and Haas.)
- Haas, Earle C., Denver, Colo. Catamenial device. 2,024,218; Dec. 17.
- Haas, Frederick S. (See Bergstrum, S. E., Binns, Harrison, and Haas.)
- Haas, Frederick S. (See Booth, C., and Haas.)
- Haas, Frederick S. (See Nenninger, L. F., and Haas.)
- Haas, Frederick S. (See Peaslee, W., and Haas.)
- Haas, Frederick S., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machinery. 2,006,570; July 2.
- Haas, Frederick S., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,010,359; Aug. 6.
- Haas, Frederick S., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,020,547; Nov. 12.
- Haas, Frederick S., Cincinnati, and R. L. Goetzel, Norwood, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,012,065; Aug. 20.
- Haas, Frederick S., and E. D. Vancil, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Headstock for machine tools. 2,012,066; Aug. 20.
- Haas, Harold, Arlington, assignor to Eclipse Aviation Corporation, East Orange, N. J. Electrical apparatus. 1,992,303; Feb. 26.
- Haas, Harry R., Sapulpa, Okla. Fish lure. 2,008,250; July 16.
- Haas, Jean, assignor to Société Générale d'Optique Société Anonyme des Anciens Etablissements Huet & Cie et Jumelles Flammarion, Paris, France. Method of and apparatus for the manufacture of safety glass. 2,020,178; Nov. 5.
- Haas, Louis W., Chicago, and H. O. Renner, Des Plaines, assignors, by mesne assignments, to J. R. Short Milling Company, Chicago, Ill. Organic oxidation products and preparing the same. 1,994,992; Mar. 19.
- Haas, Louis W., Chicago, and H. O. Renner, Des Plaines, assignors, by mesne assignments, to J. R. Short Milling Company, Chicago, Ill. Baking process. 1,994,993; Mar. 19.
- Haas, Lucien L. (See MacKenzie, R. J., and Haas.)
- Haas, Ludwig F. C., Lancaster, Pa. Valve. 1,995,475; Mar. 26.

- Haas, Paul C., Mendon, Mich. Composite bearing. 2,016,493; Oct. 8.
- Haas, Rudolf, Berlin-Dahlem, assignor to Zellstofffabrik Waldhof, Mannheim-Woldhof, Germany. Drive for diaphragm sorters. 2,014,326; Sept. 10.
- Haase, Jorgen I., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Apparatus for splicing rubber articles. 2,024,577; Dec. 17.
- Haase, Jorgen I., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Splicing rubber articles. 2,024,578; Dec. 17.
- Haase, Karl, Bleicherode, and W. Michels, Goslar, assignors to Preussische Bergwerks- und Hutten-Aktiengesellschaft, Berlin, Germany. Apparatus for treating mineral salts. 2,012,098; Aug. 20.
- Habann, Erich, Berlin, Germany. Alternating current signaling system. 1,987,440; Jan. 8.
- Habenicht, Frederick K. (See Campbell, S. H., Habenicht, and Pietzsch.)
- Habenicht, Frederick K. (See Pietzsch, F. H., Kabenicht, and Campbell.)
- Haberland, Ulrich, Uerdingen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Iron oxide pigment and producing the same as by-products of the reduction of aromatic nitro compounds. 1,998,540; Apr. 23.
- Haberland, Ulrich, Uerdingen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Iron oxide pigment and producing the same as by-products of the reduction of aromatic nitro compounds. 1,998,541; Apr. 23.
- Habersin, Julius. (See Bozzer, G., and Habersin.)
- Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Window support. 2,000,561; May 7.
- Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Vehicle frame construction. 2,012,813; Aug. 27.
- Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Windshield opening and closing regulator. 2,022,036; Nov. 26.
- Habgood, Bernard J. (See Smith, W. S., Garnett, Dean, Habgood, and Channon.)
- Habicht, Otto, Frankfurt-on-the-Main, Germany, assignor to Compo Shoe Machinery Corporation, New York, N. Y. Apparatus for subjecting shoes and other articles to pressure. 2,005,621; June 18.
- Habirshaw Cable & Wire Corporation. (See Del Mar, William A., assignor.)
- Habla, Alois, Handsworth, Birmingham, England. Brick and tile kiln. 2,016,996; Oct. 8.
- Habla, Alois, Birmingham, England. Brick and tile kiln. 2,020,641; Nov. 12.
- Hack, Karl, Reutlingen, assignor to Fritz Ungerer, Pforzheim, Germany. Device for straightening plates, wires, and the like. 2,018,400; Oct. 22.
- Hackenburg, John H. (See Erickson, G. L., and Hackenburg.)
- Hacker, Henry J., Templeton, Iowa. Operating an automotive vehicle antilarge shield. 2,013,560; Sept. 3.
- Hacker, Horace W., La Grange, Ill. Printing plate base. 2,003,712; June 4.
- Hackethal, Paul F., Rocky River, Ohio, assignor by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill. Grinding bearings. 1,997,903; Apr. 16.
- Hackethal, Paul F., Rocky River, Ohio, assignor, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill. Controllable pitch propeller. 1,998,407; Apr. 16.
- Hackett, Harold N., Ballston Lake, N. Y., assignor to General Electric Company. Mercury boiler. 1,992,824; Feb. 26.
- Hackländer, Maximilian, assignor of a part of the right to The Firm Grodetsky & Polák, and F. G. Lerk, Prague, Czechoslovakia. Can opener. 1,992,801; Feb. 26.
- Hackworth, Admiral D., Ellet, Ohio. Waterproof case. 1,986,057; Jan. 1.
- Hadaway, John B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating apparatus. 1,996,067; Apr. 2.
- Hadaway, John B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Abrading machine. 2,004,109; June 11.
- Hadaway, John B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,008,071; July 16.
- Haddock, Norman H., and F. Lodge, Blackley, Manchester, England, assignors to Imperial Chemical Industries, Limited. Nitrophenylthioglycolic acids. 1,994,641; Mar. 19.
- Haddock, Norman H., Prestwich Park North, Prestwich, and C. Paine, Handforth, England, assignors to Imperial Chemical Industries Limited. Azo dyestuff and its production. 2,012,994; Sept. 3.
- Haddock, Norman H., and F. Lodge, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Anthraquinone dyestuffs and preparing them. 2,015,011; Sept. 17.
- Haden, G. N., & Sons Limited. (See Herring, Percy H., assignor.)
- Hadjisky, Joseph N., Birmingham, Mich. Insulating air cell. 1,998,671; Apr. 23.
- Hadler, Bartholdt C. (See Britton, E. C., Coleman, and Hadler.)
- Hadley, Charles R., Company. (See Webb, Robert R., assignor.)
- Hadley Company, The. (See Domler, Charles A., assignor.)
- Hadley Company, The. (See Tost, Charles R., assignor.)
- Hadley, Edwin J., Brooklyn, N. Y. Selective transmission for motion picture and sound projectors. 2,002,854; May 28.
- Hadley, Garnet. (See Maguire, C. L., and Hadley.)
- Hadley, Thomas B., Baird, Tex. Table. 2,020,238; Nov. 26.
- Hadsel, Alvah D., Oakland, Calif. Ore reducing machine. 2,006,269; June 25.
- Hadsel, Alvah D., Oakland, Calif., assignor to Monarch Development Company, Ltd. Ore reducing machine. 2,008,863; July 23.
- Haebler, Theodor. (See Krämer, Oskar, assignor.)
- Haackel, Henry C., St. Louis, Mo. Drier and offset eliminator. 2,025,507; Dec. 24.
- Haehnel, Wolfram. (See Herrmann, W. O., and Haehnel.)
- Haehnel, Wolfram. (See Herrmann, W. O., Deutsch, and Haehnel.)
- Haemmerle, Oscar, Union City, N. J. Kitchen utensil lifter. 2,005,032; June 18.
- Haenggi, Carl, Basel, Switzerland. Self-opening die-head. 2,013,954; Sept. 10.
- Haeuber, Hans. (See Feiler, P., and Haeuber.)
- Haeuber, Hans. (See Linckh, E., and Haeuber.)
- Haeuber, Hans. (See Winkler, F., and Haeuber.)
- Haeuber, Hans. (See Winkler, F., Haeuber, and Feiler.)
- Haff, Arthur E., Adams, Mass. Electric control system. 1,993,057; Mar. 5.
- Haffke, Philip M., Hamden, Conn., assignor, by mesne assignments, to Radio Research Laboratories Inc. Electrode for discharge devices. 1,986,809; Jan. 8.
- Haffter, Hans W. (See Roome, F. A., and Haffter.)
- Hafner, Josef, Balingen, Germany. Saw. 1,988,898; Jan. 22.
- Hafner, Raoul. (See Rutherford, W. V. D., and Hafner.)
- Hafner, Walter F., Portsmouth, Ohio. Coating device. 2,007,015; July 2.
- Hagan, Edward A., Butler, Pa. Valve structure. 1,996,675; Apr. 2.
- Hagar, Carl W., Los Angeles, Calif. Air cleaner for internal combustion engines. 2,012,962; Sept. 3.
- Hagar, Lemuel L., and W. B. Rollins, assignor of one-third to Dr. V. J. Demarco, Memphis, Tenn. Electric lighting system for automobiles. 2,023,954; Dec. 10.
- Hagbo, Lars E., Seattle, Wash. Wrench. 2,015,895; Oct. 1.
- Hagedorn, Arthur F., Rocky River, Ohio, assignor, by mesne assignments, to Kate Woodburn, Indiana, Pa. Catamenial receptacle. 1,996,242; Apr. 2.
- Hagedorn, Max, Dessau in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Electrical insulation. 1,993,838; Mar. 12.
- Hagedorn, Max, Dessau in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of esters of polymerized carbohydrates. 1,994,608; Mar. 19.
- Hagedorn, Max, Dessau in Anhalt, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Manufacture of foils and threads. 2,020,642; Nov. 12.
- Hagedorn, Max, Dessau in Anhalt, and P. Möller, Dessau-Ziebigk in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Hydroxyalkylcellulose ester. 1,994,038; Mar. 12.
- Hagedorn, Max, Dessau in Anhalt, O. Reichert, Dessau-Ziebigk in Anhalt and E. Guhring, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Cellulose derivatives containing an inorganic substituent. 2,002,811; May 28.
- Hagedorn, Max, and B. Reyle, Dessau in Anhalt, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Esters of polymeric carbohydrates. 2,009,657; July 30.
- Hagedorn, Max, and A. Jung, Dessau in Anhalt, Germany, assignors to Agfa Anasco Corporation, Binghamton, N. Y. Fastening photographic films on supports and article produced thereby. 2,010,188; Aug. 6.
- Hagemann, Louis F., Niagara Falls, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Autographic register. 2,003,999; June 4.
- Hagen, Frank, Breese, Ill. Toy gun. 2,021,776; Nov. 19.
- Hagen, Gerhard B. (See Böhm, O., Hagen, and Roosenstein.)
- Hagen, Gerhard, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio receiver with automatic volume control switch. 1,990,072; Feb. 5.
- Hagen, Gerhard B., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cooling of high potential apparatus. 1,999,234; Apr. 30.
- Hagen, Gerhard B., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Rectifier arrangement. 2,006,806; July 2.
- Hagen, Harold F., Dedham, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Centrifugal fan. 1,989,413; Jan. 29.
- Hagen, Harold F., Dedham, assignor to B. F. Sturtevant Company, Inc., Hyde Park, Boston, Mass. Centrifugal fluid moving apparatus. 2,004,516; June 11.
- Hagen, Harold F., Dedham, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Centrifugal fan. 2,022,313; Nov. 26.

- Hagenbeck, Johann. (See Beilmann, W., and Hagenbeck.)
Hagenbocker, Alfred. (See Berthold, H., Krauss, and Hagenbocker.)
Hagemüller, Friedrich, and L. Prechtel, assignors to Maschinenfabrik Augsburg-Nürnberg A. G., Nuremberg, Germany. Two-cycle gas engine. 1,996,866; Apr. 9.
Hager, Fritz, Berlin, Germany. Hanger for cables of overhead lines. 2,004,695; June 11.
Hager, William L., Ogden, Utah. Circulating heater. 1,987,145; Jan. 8.
Hagerty, Andrew T., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Curtain roller. 2,022,807; Dec. 3.
Hagler, Clyde E. and A. W. Merkel, Birmingham, Ala., assignors to Continental Gin Company. Apparatus and drying cotton. 1,989,751; Feb. 5.
Haglett, Paul R., et al. (See Ardrey, Edward G., assignor.)
Haglund, Gustaf, assignor to Patentaktiebolaget Gröndal-Ramen, Stockholm, Sweden. Treating waste liquors from cellulose digestion to regenerate their alkali metal compound content. 1,997,773; Apr. 16.
Haglund, Gustaf, assignor to Patentaktiebolaget Gröndal-Ramen, Stockholm, Sweden. Removing resin from sulphite cellulose. 2,000,562; May 7.
Haglund, Gustaf, assignor to Patentaktiebolaget Gröndal-Ramen, Stockholm, Sweden. Production of solutions of alkali metal salts of sulphurous acid. 2,010,077; Aug. 6.
Haglund, Gustaf, assignor to Patentaktiebolaget Gröndal-Ramen, Stockholm, Sweden. Producing sulphite cellulose. 2,016,328; Oct. 8.
Haglund, Hakon H. (See Corwith, H. P., and Haglund.)
Haglund, Hakon H. (See Wilder, H. F., and Haglund.)
Haglund, Ture R., Stockholm, and Stig J. A. I. Harlitz, Wargon, Sweden, said Harlitz assignor to said Haglund. Welding cast iron and welding rod for said purpose. 2,008,447; July 16.
Hagmaier, William G. (See Shaw, E. C., and Hagmaier.)
Hagmaier, William G., West Allis, and E. C. Shaw, Milwaukee, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Defiberizer. 1,999,607; Apr. 30.
Hagood, Johnson, Avenel, assignor to The American Agricultural Chemical Company, Newark, N. J. Manufacture of calcium arsenate insecticides. 1,996,016; Mar. 26.
Hagopian, Charles H., New York, N. Y. Composition of matter for the manufacture of artificial stone. 2,018,355; Oct. 22.
Hagstrom, Joseph E., Kansas City, Mo. Trailer hitch. 2,005,781; June 25.
Hagyard, Thomas. (See Drumm, J. J., Hagyard and Barklie.)
Hahn, Carl, Leverkusen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purification of gases derived from roasting. 2,013,753; Sept. 10.
Hahn, Clarence E., Cleveland Heights, Ohio, assignor to General Electric Company. Apparatus for cutting glass. 1,990,375; Feb. 5.
Hahn, Conrad, Essen-Ruhr, Germany, assignor, by mesne assignments to The Koppers Company of Delaware, Pittsburgh, Pa. Direct cooling of producer gas. 2,016,940; Oct. 8.
Hahn, Frederick C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of cellulose ethers. 1,990,904; Feb. 12.
Hahn, Frederick C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Etherification of cellulose. 2,010,818; Aug. 13.
Hahn, Henry H. (See Dahlstrom, E. T. G., and Hahn.)
Hahn, Johann, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Flying shear. 1,996,617; Apr. 2.
Hahn, Thomas M., Lexington, Ky. Method and apparatus for producing diffraction patterns. 1,993,058; Mar. 5.
Hähnel, Kurt, Berlin-Siemensstadt, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Absorption refrigerating apparatus. 2,019,409; Oct. 29.
Hahnemann, Paul R., and F. E. Munschauer, Buffalo, assignors to Niagara Machine & Tool Works, Buffalo, N. Y. Clutch for punch presses or the like. 2,011,629; Aug. 20.
Hahnemann, Walter M., Berlin-Marienfelde, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. System for landing aircraft. 1,999,047; Apr. 23.
Hahnemann, Walter Max, Berlin-Marienfelde, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. System for landing aircraft. 2,006,918; July 2.
Hahnemann, Walter, Berlin-Marienfelde, Germany. Apparatus for generating or receiving mechanical oscillations. 2,017,695; Oct. 15.
Haigh, Leslie B. (See Hatton, W., Haigh, and Escande.)
Haight, Auletes C., New York, N. Y., assignor to The A. S. Boyle Company, Cincinnati, Ohio. Making molded articles from wood paste or the like. 2,016,329; Oct. 8.
Haight, Harry V., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve assembly. 1,986,810; Jan. 8.
Haigis, Carleton D. (See Pettengill, G. W., and Haigis.)
Hailey, Herbert D., Olympia, Wash. Combination dress shirt and shorts. 2,010,393; Aug. 6.
Haiparn, Albert, New York, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Knock-down display device. 2,023,419; Dec. 10.
Halls, Edward T., Coral Gables, Fla. Towel cabinet. 1,986,395; Jan. 1.
Halls, Edward T., Montgomery, Ala. Towel cabinet. 2,002,088; May 21.
Hailwood, Anthony J. (See Macarthur, A., and Hailwood.)
Haims, Philip L., Cleveland, Ohio. Clasp for hair wavers. 2,013,206; Sept. 3.
Haines, John R., Vincentown, N. J. Switch mechanism for forward and rear motor vehicle signals. 1,996,416; Apr. 2.
Haines Hosiery Mills, Inc. (See Gee, Albert, assignor.)
Haines Hosiery Mills Inc. (See Tebo, Wilbur L., assignor.)
Haines, John R. (See Jabusch, Alfred F., assignor.)
Haines, John R., Tabernacle, N. J. Automatic shut off for switches. 1,996,417; Apr. 2.
Haines, John R., Tabernacle, N. J. Proving switch for forward and rear motor vehicle signals. 2,007,084; July 2.
Haines, John R., Vincentown, N. J. Switch mechanism for automobile direction signals. 2,007,085; July 2.
Haines, Louis B., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Hard rubber coating. 2,023,582; Dec. 10.
Haines, Raymon R., Dallas, Tex. Pressure regulator and equalizer for vehicle tires. 2,014,618; Sept. 17.
Hainsworth, William R., Larchmont, N. Y., assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,021,994; Nov. 26.
Haislip, Albert S., Fredericksburg, Va. Transporting aquarium for aquatic animals. 1,991,149; Feb. 12.
Haislip, Albert S., Fredericksburg, Va. Ice cube tray. 2,005,292; June 18.
Haiste, John H. (See Riseam, William, assignor.)
Hait, James M., Alhambra, assignor to Food Machinery Corporation, San Jose, Calif. Automatic oiler for deep well turbine pumps. 2,016,673; Oct. 8.
Hajdu, Andrew, Brooklyn, N. Y., assignor to The Kelly-Springfield Tire Company, Cumberland, Md. Doll, parts of dolls, and manufacturing the same. 1,996,806; Apr. 9.
Hajek, William J., Brookline, Mass., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic control system. 1,997,559; Apr. 9.
Hakanson, Harald, Vasteras, Sweden. Heating arrangement for automobile motors. 2,014,803; Sept. 17.
Hake, Donald S. (See Kinzie, C. J., Commons, and Hake.)
Halach, Stephen F. (See Nagy, Louis, assignor.)
Halbach, Howard L., Clarksburg, W. Va., assignor to Pittsburgh Plate Glass Company. Process and apparatus for drawing sheet glass. 1,999,591; Apr. 30.
Halbach, Howard L., Clarksburg, W. Va., assignor to Pittsburgh Plate Glass Company. Glass tank. 2,011,482; Aug. 13.
Halbach, Karl, Dusseldorf, Germany. Hydraulic and similar cement. 1,986,335; Jan. 1.
Halbert, George H., executors et al. (See Kiddle, Alfred W.)
Halbig, Paul, and F. Kaufer, assignors to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie, G. m. b. H., Munich, Germany. Preparing substituted malonic acids. 2,006,314; June 25.
Halbing, John M., Bloomfield, N. J., and R. J. Kehl, Bay-side, N. Y., assignors to The Linde Air Products Company. Welding apparatus. 1,994,700; Mar. 19.
Halborg, Carl J., W. A. Hart, and P. F. Seibold, Detroit, Mich., assignors to Colonial Broach Company. Dressing grinding wheels. 1,997,862; Apr. 16.
Halborg, Carl J., Detroit, Mich., assignor to Colonial Broach Company. Spiral broach. 2,011,630; Aug. 20.
Halcomb Steel Company. (See Moomaw, George D., assignor.)
Haldeman, James F., Bloomfield, Ind. Submersible pump and electric motor unit. 2,004,866; June 11.
Haldeman, James F., and M. E. Davis, Bloomfield, Ind. Fountain. 2,007,856; July 9.
Haldeman, William S. (See Hales, W. J., and Haldeman.)
Hale, Douglas A. S., and V. L. Ronci, Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,019,492; Nov. 5.
Hale, Earl A., et al. (See Hale, Oscar G., assignor.)
Hale, Frank C. (See Dickie, W. A., and Hale.)
Hale, Frank C., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of staple fibers. 2,010,078; Aug. 6.
Hale, Frank C., and J. W. Bennett, Spondon, near Derby, England, assignors to Celanese Corporation of America. Loom for weaving. 1,991,895; Feb. 19.
Hale, Frank C., and W. Howarth, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile machinery. 2,010,079; Aug. 6.
Hale, George C., Dover, N. J. Explosive. 2,004,941; June 18.
Hale, George C., Dover, N. J. Explosive. 2,011,578; Aug. 20.
Hale, Jesse W., Newton Center, Mass. Centrifugally controlled valve. 2,003,857; June 4.
Hale, John P., Buffalo, assignor to Leon Benoit, New York, N. Y. Egg carton. 2,013,606; Sept. 3.
Hale-Nass Corporation. (See Levine, Harry, assignor.)
Hale, Newton J. (See Hodgkinson, Thomas E., assignor.)
Hale, Newton J. (See Hurd, R. O., and Hodgkinson, assignors.)

- Hale, Oscar G., Condon, Oreg., assignor of one-third to E. A. Hale, Coeur d'Alene, Idaho, and one-third to W. Wehrli, Condon, Oreg. Wiper. 1,992,423; Feb. 26.
- Hale, Roger W., Rumford, R. I. Braiding mechanism and process. 2,020,683; Nov. 12.
- Hale, Walter S. (See Balls, A. K., and Hale.)
- Hales, Ralph A. (See Sanders, M. T., and Hales.)
- Haley, Cate, Rockwood Company. (See Rockwood, Aaron W., assignor.)
- Halfen, Frank. (See Flury, W. J., Brandel, and Halfen.)
- Halford, Marion E., Greensboro, N. C. Control valve for automatic sprinkler systems. 2,003,884; June 4.
- Haliburton, William A., Canton, N. C. Hydraulic vibrator for pulp screens. 1,993,603; Mar. 5.
- Halinka, George, Detroit, Mich. Doorlatch. 1,989,801; Feb. 5.
- Halkett, James N., Cleveland Heights, assignor, by mesne assignments, to Eaton Detroit Metal Company, Cleveland, Ohio. Closure. 2,003,046; May 28.
- Hall Arch Company. (See Hall, Arthur F., assignor.)
- Hall, Arthur F., Brookline, Mass., assignor to Hall Arch Company, Philadelphia, Pa. Protected metallic arch. 1,987,738; Jan. 15.
- Hall, Benjamin J., Westminster, England. Photographic developing apparatus. 1,999,965; Apr. 30.
- Hall, Bicknell. (See Birdseye, C., and Hall.)
- Hall, Blanche F., Kansas City, Mo. Combined shirt and shoes. 1,987,009; Jan. 8.
- Hall, C. Gaylord. (See Kayko, C. J., and Hall.)
- Hall, Carlos, Jr., Mexico, D. F., Mexico. Removable heel for shoes. 1,986,727; Jan. 1.
- Hall, Carlos, Jr., Mexico, D. F., Mexico. Attachment for operating gate valves by means of fluid pressure from any desired distance. 2,012,003; Aug. 20.
- Hall, Cecil E., assignor of five per cent to D. W. Scott, Jr., Freeport, and seven per cent to G. D. Reeves, Brazoria County, Tex., and eighty-eight per cent to G. Leide. Automatic electric change-over for moving picture machine shutters. 2,021,181; Nov. 19.
- Hall, Cecil S., Norton Hall, The Green, Norton-on-Tees, England, assignors to Imperial Chemical Industries Ltd. Production of nitrogen and hydrogen by the thermal decomposition of ammonia. 2,013,652; Sept. 10.
- Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Upholstery installation. 2,009,615; July 30.
- Hall, Charles W., Denver, Colo. Rotary valve engine. 1,987,105; Jan. 8.
- Hall, Charles W., assignor to Hall Rotary Valve Motor Company, Denver, Colo. Rotary valve engine. 1,996,200; Apr. 2.
- Hall, Chester I., Philadelphia, Pa., assignor to General Electric Company. Oil burner control. 1,985,986; Jan. 1.
- Hall, Chester I., Philadelphia, Pa., assignor, by mesne assignments, to General Electric Company. Heating apparatus. 2,001,531; May 14.
- Hall, Chester I., Philadelphia, Pa., assignor, by mesne assignments, to General Electric Company. Temperature control device. 2,019,303; Oct. 29.
- Hall, Chester I., Schenectady, N. Y., to General Electric Company. Electrically heated rug. 2,025,586; Dec. 24.
- Hall, Claude C., Portland, Oreg. Forming machine for compressed feeds. 2,005,689; June 18.
- Hall & Connolly, Inc. (See Hall, Theodore, assignor.)
- Hall & Connolly, Inc. (See Hall, Theodore O., assignor.)
- Hall, David G., Jr., San Diego, Calif. Automobile body construction. 2,022,344; Nov. 26.
- Hall, Dewey, Edinburg, Tex. Oil burner. 1,988,553; Jan. 22.
- Hall, Earl K. (See Weaver, I. A., Squyer, and Hall.)
- Hall, Edwin L. (See Perry, J. A., and Hall.)
- Hall, Edwin L., assignor to The United Gas Improvement Company, Philadelphia, Pa. Manufacture of carbureted water gas using heavy oil. 1,995,921; Mar. 26.
- Hall, Edwin L., Philadelphia, and E. J. Brady, Swarthmore, Pa.; Adele S. Brady, administratrix of said E. J. Brady, deceased, assignors to The United Gas Improvement Company, Philadelphia, Pa. Gas pilot light control apparatus. 2,012,004; Aug. 20.
- Hall, Edwin S., New Haven, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Typewriter line stop. 2,016,922; Oct. 8.
- Hall, Elbert J., Berkeley, Calif. Filtering fluid lubricants. 1,996,106; Apr. 2.
- Hall, Eric E., assignor of one-half to J. H. Jacobson, Chicago, Ill. Joint. 2,016,858; Oct. 8.
- Hall, Eric E., Chicago, and W. H. Eichelman, Des Plaines, Ill.; said Hall assignor to said Eichelman. Expansion joint. 2,019,131; Oct. 29.
- Hall, Ernest A., assignor to The Hall Manufacturing Company, Toledo, Ohio. Pilot stem. 2,010,759; Aug. 6.
- Hall, Everett J., H. L. Hall, executrix of said E. J. Hall, deceased, assignor to Metals Disintegrating Company, Inc., Elizabeth, N. J. Bronze, bronze powders, and making the same. 2,002,891; May 28.
- Hall, Ferguson, Shenandoah, Iowa. Controlling system for sound recording devices. 2,004,893; June 11.
- Hall, Frank W. (See Detwiler, J. G., Heisig, Rosnell, and Hall.)
- Hall, Frank W., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Apparatus for fractionating hydrocarbon oil vapor. 2,005,316; June 18.
- Hall, Frank W., and H. A. Smith, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Cracking hydrocarbon oils. 2,005,675; June 18.
- Hall, Frederick H., Holford, assignor of eleven-twentieths to J. Hill, and one-fortieth to H. L. Fritch, Reading, England. Hydraulic brake apparatus. 2,020,465; Nov. 12.
- Hall, Frederick W., London, Ontario, assignor to Richards-Wilcox Canadian Company Limited, London, Ontario, Canada. Vertically movable door of the type used in freight sheds and roundhouses. 2,019,851; Nov. 5.
- Hall, George W., Moodus, and C. C. Barton, Wethersfield, Conn. Hook. 2,001,959; May 21.
- Hall, Guy H. (See Hoopes, Ernest A., assignor.)
- Hall, Harold P., Seattle, Wash. Food dispensing device. 2,018,784; Oct. 29.
- Hall, Harper M., Brooklyn, N. Y. Package or container for candy and similar merchandise. 2,018,519; Oct. 22.
- Hall, Harriet L., executrix. (See Hall, Everett J.)
- Hall, Harry C., Crystal Lake, and H. M. Wood, assignors to Oak Manufacturing Company, Chicago, Ill. Electric switch. 1,999,019; Apr. 23.
- Hall, Hartwell & Co. (See Woodward, H. H., and Wright, assignors.)
- Hall, Henry L. (See Woods-Humphery, G. E., and Hall.)
- Hall, Henry L., Madison, assignor to Great Northern Paper Company, Millinocket, Maine. Winding reel. 2,023,681; Dec. 10.
- Hall, Henry M., Toronto, Ontario, Canada. Conductor for transmission lines. 1,999,502; Apr. 30.
- Hall, Howard W. (See Cole, G. M., and Hall.)
- Hall, Hulbert Q. (See Anderson, William R., assignor.)
- Hall, J. C., Co., The. (See Hetherington, Herbert W., assignor.)
- Hall, James H., H. Kay, and A. Myers, assignors to Hall & Kay, Limited, Ashton-under-Lyne, England. Air directing device for use in ventilating or other air supply systems. 2,016,778; Oct. 8.
- Hall, Jesse P. (See McCoy, G. H., Wright, and Hall.)
- Hall, John H., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Weldrod, and process of welding. 2,026,467; Dec. 31.
- Hall, John H., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Weldrod. 2,026,468; Dec. 31.
- Hall, Julius R., Oak Park, Ill. Reinforced flooring and method. 1,988,201; Jan. 15.
- Hall & Kay, Limited. (See Hall, J. H., Kay, and Myers, assignors.)
- Hall Laboratories, Inc. (See Hall, Ralph E., assignor.)
- Hall Laboratories, Inc. (See Smith, George W., assignor.)
- Hall, Lilburn H., and C. G. Linton, Fort Worth, Tex., assignors, by mesne assignments to Industrial Patents Corporation, Chicago, Ill. Weighing means. 2,009,259; July 23.
- Hall, Lloyd A. (See Griffith, C. L., and Hall.)
- Hall, Lloyd A., Chicago, Ill., assignor of one-half to C. L. Griffith. Vitamin concentrate. 2,022,464; Nov. 26.
- Hall, Louis M., Memphis, Tenn. Calendar dial. 1,992,865; Feb. 26.
- Hall, Louis M., Fort Thomas, Ky., assignor to The Monarch Tool & Manufacturing Company, Cincinnati, Ohio. Coin slide structure. 2,010,380; Aug. 6.
- Hall, Lyle A. (See Mason, Gilmore, assignor.)
- Hall Manufacturing Company, The. (See Hall, Ernest A., assignor.)
- Hall, Marchand B., assignor to Cardwell-Westinghouse Company, Chicago, Ill. Draft gear. 2,023,922; Dec. 10.
- Hall, Mora S., Baltimore, Md., assignor to May Oil Burner Corporation. Combustion chamber heating device. 2,001,721; May 21.
- Hall, Oscar L., Aransas Pass, Tex. Ditch check. 1,999,453; Apr. 30.
- Hall, Percival, Lincolnton, N. C., assignor to C. M. Kemp Manufacturing Company, Baltimore, Md. Singeing fabrics and the like. 1,988,554; Jan. 22.
- Hall, Percy E., Birmingham, England, assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,002,006; May 21.
- Hall, Peter F.G., Philadelphia, Pa. Milling machine. 2,008,757; July 23.
- Hall, Preston M., Worcester, Mass., assignor to American Chain Company, Inc., New York, N. Y. Welding apparatus. 1,994,701; Mar. 19.
- Hall, Ralph E., Mount Lebanon, assignor to Hall Laboratory, Inc., Pittsburgh, Pa. Treatment of evergreens. 1,991,850; Feb. 19.
- Hall, Ralph E., Mount Lebanon, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Treatment of steam boiler water. 1,997,256; Apr. 9.
- Hall, Ralph E., Mount Lebanon, Pa., assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Laundry starch and using the same. 2,009,692; July 30.
- Hall, Randolph F., Kenmore, N. Y. Airplane. 1,992,157; Feb. 19.
- Hall, Randolph F., Rochester, N. Y. Airplane. 1,992,158; Feb. 19.
- Hall, Robert, Lockport, assignor to American District Steam Company, North Tonawanda, N. Y. Expansion joint. 1,992,612; Feb. 26.
- Hall, Robert, Lockport, assignor to American District Steam Company, North Tonawanda, N. Y. Flexible seal expansion joint. 2,018,613; Oct. 22.
- Hall Rotary Valve Motor Company. (See Hall, Charles W., assignor.)

- Hall, Samuel W., Chicago, Ill., assignor to The Wooster Brush Company, Wooster, Ohio. Reversible brush. 1,991,552; Feb. 19.
- Hall, Theodore, assignor to Hall & Connolly, Inc., New York, N. Y. Combination spot and flood light. 1,991,744; Feb. 19.
- Hall, Theodore O., assignor to Hall & Connolly, Inc., New York, N. Y. Projector lamp. 2,018,717; Oct. 29.
- Hall, Theodore P., Kenmore, N. Y. Airplane. 2,007,086; July 2.
- Hall, Thomas E., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Spray drying soap. 1,985,987; Jan. 1.
- Hall, Thomas W., and A. Leggett, assignors to E. R. & F. Turner Limited, Ipswich, England. Shaking mechanism. 2,016,006; Oct. 1.
- Hall, Virgil. (See Trotter, J. L., and Hall.)
- Hall, Walter, assignor to M. J. Whittall Associates, Ltd., Worcester, Mass. Jacquard loom and carpet fabric produced thereby. 2,023,016; Dec. 3.
- Hall, Walter H., assignor to Goodspeed Machine Company, Winchendon, Mass. Automatic feeding mechanism for variety lathes. 2,024,640; Dec. 17.
- Hall, William B. F., Fort Wayne, Ind. Display sign. 2,005,420; June 18.
- Hall, William J., et al. (See Hall, William J., assignor.)
- Hall, William J., Detroit, Mich., assignor, by mesne assignments, of thirty per cent to O. L. Herron, thirty per cent to J. B. Zimmers, thirty-three per cent to W. J. Hall, and seven per cent to R. C. Schemmel. Hood construction. 1,987,774; Jan. 15.
- Hall, William J., Detroit, Mich., assignor, by mesne assignments, of thirty per cent to O. L. Herron, thirty per cent to J. B. Zimmers, thirty-three per cent to W. J. Hall, and seven per cent to R. C. Schemmel. Hood construction. 1,987,775; Jan. 15.
- Hall, William J., Detroit, Mich., assignor, by mesne assignments, of thirty per cent to O. L. Herron, thirty per cent to J. B. Zimmers, thirty-three per cent to W. J. Hall, and seven per cent to R. C. Schemmel. Hood construction. 2,006,163; June 25.
- Hall, William J., Detroit, Mich., assignor, by mesne assignments, of thirty per cent to O. L. Herron, thirty per cent to J. B. Zimmers, thirty-three per cent to W. J. Hall, and seven per cent to R. C. Schemmel. Hood construction. 2,023,224; Dec. 3.
- Halladay, Joseph R., Alliance, Ohio, assignor to James R. Kearney Corporation, St. Louis, Mo. Wire connector tool. 2,002,981; May 28.
- Hallam, Harry, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in manufacturing shoes. 1,991,458; Feb. 19.
- Hallam, Harry, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Device for dressing grinding wheels. 1,995,304; Mar. 26.
- Hallam, Harry, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Gauge. 2,022,765; Dec. 3.
- Halle, William W., assignor to Seeley Tube & Box Company, Newark, N. J. Manufacture of containers. 2,006,548; July 2.
- Halleck, Frank A., Chicago, Ill., assignor to Sullivan Machinery Company. Valve mechanism. 1,996,762; Apr. 9.
- Halleck, Frank A., Chicago, Ill., assignor to Sullivan Machinery Company. Valve mechanism. 1,996,763; Apr. 9.
- Hallen, Carl E. (See Crofoot, E. H., and Hallen.)
- Hallen, Morris. (See Wilson, A. R., Seeman, and Hallen.)
- Hallenbeck, George E., assignor to Baker Brothers, Inc., Toledo, Ohio. Feed control. 2,018,553; Oct. 22.
- Haller, Josef. (See Rösch, G., Haller, and Helwert.)
- Haller, Josef, Leverkusen-Wiesdorf, Germany, assignor, by mesne assignments to Durand & Huguenin A.-G., Basel, Switzerland. Azo dyestuff. 2,000,133; May 7.
- Haller, Louis G., Chattanooga, Tenn., assignor to Combustion Engineering Company, Inc., New York, N. Y. Welded boiler drum. 2,025,049; Dec. 24.
- Haller, Oskar. (See Laska, L., and Haller.)
- Haller, Oskar. (See Laska, L., Haller and Werdermann.)
- Haller, Oskar, Offenbach-on-the-Main, and H. Morschel, Cologne-Deutz, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Arylides of 4-hydroxydiphenyl-3-carboxylic acid. 2,025,587; Dec. 24.
- Haller, Robert, Riehen, near Basel, and A. Ruperti, Basel, assignors to the firm of Society of Chemical Industrie in Basle, Basel, Switzerland. Cellulose ester and making same. 1,991,323; Feb. 12.
- Haller, Robert, Riehen, near Basel, and A. Ruperti, Basel, assignors to the firm Society of Chemical Industrie in Basle, Basel, Switzerland. Manufacture of fibers of cellulose esters. 1,995,804; Mar. 26.
- Haller, Robert, Riehen, near Basel, assignor to the firm Society of Chemical Industrie in Basle, Basel, Switzerland. Discharging dyes on wool. 2,024,038; Dec. 10.
- Haller, Robert, Riehen, near Basel and A. Heckendorn, Basel, assignors to the firm of Society of Chemical Industrie in Basle, Basel, Switzerland. Cellulose derivatives and making same. 2,025,660; Dec. 24.
- Hallett, George E., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Valve gear for operating dual valves. 1,996,807; Apr. 9.
- Hallett, George E. A., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Roots blower. 2,014,932; Sept. 17.
- Hallgren, Matt G. (See Kenna, R., and Hallgren.)
- Halliburton, Erle P., Los Angeles, Calif. Regulating flow from wells and apparatus therefor. 1,992,424; Feb. 26.
- Halliburton, Erle P., Los Angeles, Calif. Cementing wells. 2,004,606; June 11.
- Halliburton, Erle P., Los Angeles, Calif. Grouting plug. 2,005,367; June 18.
- Halliburton, Erle P., Los Angeles, Calif., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Plugging back or bridging wells. 2,014,563; Sept. 17.
- Halliburton Oil Well Cementing Company. (See Halliburton, Erle P., assignor.)
- Halliday, Edgar N., Chicago, Ill. Electric control system. 2,006,213; June 25.
- Halligan, Burdette J. (See Greene, M., Halligan, and Wagner.)
- Halliwell, George P., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. High strength alloy. 2,018,520; Oct. 22.
- Hallman, Eric B., Norristown, Pa. Automotive headlight. 2,019,410; Oct. 29.
- Hallock, Robert L., Larchmont, N. Y. Refrigerator and food storage device particularly therefor. 2,008,303; July 16.
- Hallock, Robert L., Larchmont, N. Y. Refrigeration. 2,009,801; July 30.
- Hallock, Robert L., Larchmont, N. Y. Refrigeration. 2,009,802; July 30.
- Hallock, Robert L., Larchmont, N. Y. Refrigeration. 2,009,803; July 30.
- Hallock, Vernon R., Riverhead, N. Y. Clam-opener. 2,000,075; May 7.
- Halloh, John, Sunnyside, N. Y. Hairdressing device. 2,005,187; June 18.
- Halloran, Henry G., Milton, Mass. Rawhide products and making the same. 1,990,121; Feb. 5.
- Halloran, Ralph A. and A. L. Strout, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Cracking petroleum oils. 2,008,550; July 16.
- Hallowell, Howard T., assignor to Standard Pressed Steel Co., Jenkintown, Pa. Chair. 1,997,486; Apr. 9.
- Hallowell, Howard T., assignor to Standard Pressed Steel Co., Jenkintown, Pa. Metal leg structure. 2,006,502; July 2.
- Hallowell, Howard T., Jr., assignor to Standard Pressed Steel Co., Jenkintown, Pa. Testing metals. 2,010,189; Aug. 6.
- Hallowell, Howard T., assignor to Standard Pressed Steel Co., Jenkintown, Pa. Tote box. 2,020,179; Nov. 5.
- Hallows, Raymond L. (See Gregory, F. E., and Hallows.)
- Hallquist, Einar G. (See Jackson, E. C., and Hallquist.)
- Hallquist, Einar G., Edwardsville, assignor to General Steel Castings Corporation, Granite City, Ill. Car underframe structure. 1,988,729; Jan. 22.
- Hallquist, Einar G., Edwardsville, assignor to General Steel Castings Corporation, Granite City, Ill. Railway buffing structure. 2,011,051; Aug. 13.
- Hallquist, Einar G., Wallingford, Pa. Antiskid device. 2,020,943; Nov. 12.
- Hallquist, Einar G., Edwardsville, Ill., and J. H. Locke, Bryn Mawr, Pa., assignors to General Steel Castings Corporation, Granite City, Ill. Locomotive tender structure. 2,012,043; Aug. 20.
- Hallquist, Einar G., Wallingford, Pa., and W. C. Krauthelm, St. Louis, Mo., assignors to General Steel Castings Corporation, Granite City, Ill. Railway car. 2,019,304; Oct. 29.
- Hallquist, Einar G., Edwardsville, Ill., and W. M. Sheehan, Merion, Pa., assignors to General Steel Castings Corporation, Granite City, Ill. Railway vehicle underframe structure. 2,026,035; Dec. 31.
- Hallstream, Henning, Braintree, assignor to Cross Paper Feeder Company, Boston, Mass. Sheet feeding mechanism. 2,012,448; Aug. 27.
- Hallwood, Nathan A., Columbus, Ohio. Scale. 1,993,443; Mar. 5.
- Halmagyi, John. (See Langer, Nicholas, assignor.)
- Haloid Company, The. (See Lloyd, Whitten P., assignor.)
- Haloid Company, The. (See Lloyd, W. P., and Hill, assignors.)
- Hallowax Corporation. (See Hanson, E. R., and Brown, assignors.)
- Halperin, Herman, and A. P. Thoms, Chicago, Ill. Oil supply system for cables. 2,023,583; Dec. 10.
- Halpern, Max, and W. Mayer, New York, N. Y. Adjustable necktie. 2,003,359; June 4.
- Halpern, Michael, New York, N. Y., and J. J. Beshara, Fort Arthur, Tex., assignors to The Texas Company, New York, N. Y. Corrosion resistant liner for tubular articles. 1,989,614; Jan. 29.
- Halpern, Philip, San Francisco, Calif. Garment. 1,987,954; Jan. 15.
- Halpin, Abraham, New York, N. Y. Portable receptacle. 2,025,101; Dec. 24.
- Halprin, Morris A., et al. (See Augustine, Ray E., assignor.)
- Halsall, Thomas, Middleton, and J. Prior, Rochdale, England. Apparatus for the manufacture of rubber sole footwear. 1,994,278; Mar. 12.
- Halsam Products Company. (See Goss, Samuel G., assignor.)
- Halsey, Edward S., North Miami, Fla. Thermostatic radiator admission valve. 1,990,282; Feb. 5.
- Halsey, Howard H., Kansas City, Mo. Mop head and swab. 1,998,278; Apr. 16.

- Halstead Corporation. (See Halstead, Richard R., assignor.)
- Halstead, Dorne N., Brooklyn, N. Y. Preformed sound-absorbing unit and making the same. 2,021,359; Nov. 19.
- Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Scrap bunch machine. 2,021,652; Nov. 19.
- Halstead, Reginald. (See Sheard, C., and Halstead.)
- Halstead, Richard R., assignor to Halstead Corporation, Beach, N. D. Gas filtering device. 2,012,508; Aug. 27.
- Halstead, Richard R., assignor to Halstead Corporation, Beach, N. Dak. Air cleaner. 2,018,493; Oct. 22.
- Halstead, William S. (See Troeber, O. B., and Halstead.)
- Halstead, William S., Washington, D. C. Duplex frequency control and monitoring system. 2,017,858; Oct. 22.
- Halstead, William S., White Plains, N. Y. Electronic temperature indicating and control system. 2,017,859; Oct. 22.
- Halstead, William S., White Plains, N. Y. Plastic sound reproduction system. 2,022,665; Dec. 3.
- Halteman, Ellsworth E., Dayton, Ohio. Calked pipe joint. 2,011,681; Aug. 20.
- Halteman, Ellsworth C., Dayton, Ohio. Calked pipe joint. 2,024,000; Dec. 10.
- Halttrich, Adolf J., and W. J. Halttrich, Cleveland, Ohio. Signaling device. 2,010,454; Aug. 6.
- Halttrich, William J. (See Halttrich, Adolf J., and W. J.)
- Halvorsen, Arthur L., Perth Amboy, N. J. Asphalt emulsion. 1,995,346; Mar. 26.
- Halvorsen, Severin, Chicago, Ill., assignor to The Newspaper Stuffing Machine Company, Seattle, Wash. Off-set counting device. 1,999,292; Apr. 30.
- Halvorsen, Severin, Chicago, Ill., assignor to The Newspaper Stuffing Machine Company, Seattle, Wash. Stuffing machine. 2,021,360; Nov. 19.
- Halvorsen, Cromwell A. B., Lynn, Mass., assignor to General Electric Company. Regulating traffic. 2,007,801; July 9.
- Halvorsen, Cromwell A. B., Lynn, Mass., assignor to General Electric Company. Sodium luminair. 2,017,716; Oct. 15.
- Halvorsen, Cromwell A. B., Lynn, Mass., assignor to General Electric Company. Lighting unit. 2,019,346; Oct. 29.
- Halvorsen, Thomas J., Bloomfield, and J. A. Shand, West Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Combination material working machine. 2,013,778; Sept. 10.
- Ham, Garnet P., Elizabeth, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Photographic printing machine. 1,988,593; Jan. 22.
- Haman, Ambrose Van D. (See Van Dyke, Bert M., and Haman.)
- Hamann, William, Irondequoit, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Finishing machine. 1,986,968; Jan. 8.
- Hamant, Edward W. (See von Webern, G., and Hamant.)
- Hamber, Louis, New Milford, N. J. Hotbed. 2,022,281; Nov. 26.
- Hamblin, Clyde M., Washington, D. C. Apparatus for dispensing inflammable fluids. 2,000,946; May 14.
- Hamblin, Fred. R., North Olmstead, Ohio. Scale. 1,988,655; Jan. 22.
- Hamblin, Robert H., assignor to Gro-Flex Corporation, Indianapolis, Ind. Massage machine. 1,996,995; Apr. 9.
- Hamburger, Walter J., Brookline, assignor to H. Schindler & Co., Inc., Canton, Mass. Device for use in making tennis strings. 1,993,715; Mar. 5.
- Hamel, Wilhelm, assignor to J. R. Carp, Amsterdam, Netherlands, and A. A. Ruben, Berlin-Charlottenburg, Germany. Refrigerating device for displaying and preserving perishable goods such as foods, delicacies and the like. 1,993,325; Mar. 5.
- Hamer, James H. S., Brooklyn, assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Control system. 2,023,420; Dec. 10.
- Hamer, Leland S., Long Beach, Calif. Connection for fluid conduits. 1,990,980; Feb. 5.
- Hammersley, Carl S., New York, N. Y. Transparent wrapper and making the same. 1,997,257; Apr. 9.
- Hamerstadt, William D., assignor, by mesne assignments, to General Fibre Products, Incorporated, Indianapolis, Ind. Truck structure. 2,013,561; Sept. 3.
- Hames, Quincy L. (See Williams, James L., assignor.)
- Hamill, Helen B. (See Liss, Samuel A., assignor.)
- Hamill, Ret O., Brooklyn, N. Y., assignor, by mesne assignments, of thirty-eight per cent to said Hamill, thirty-one per cent to A. Autler and thirty-one per cent to G. Autler. Timing device. 1,993,005; Mar. 5.
- Hamill, Robert E. (See Parkinson, J. C., and Hamill.)
- Hamilton, Alexander C., Pleasant Ridge, assignor, by mesne assignments, to Hayes Industries, Inc., Jackson, Mich. Aircraft wheel. 2,012,449; Aug. 27.
- Hamilton, Alexander K. (See Mikaelson, E. W., and Hamilton.)
- Hamilton, Alfred E., Pittsburgh, Pa. Method of and apparatus for feeding glass. 1,998,616; Apr. 23.
- Hamilton, Archibald M., assignor to Callender's Cable and Construction Company Limited, London, England. Framed bridge or bridge-like structure. 2,024,001; Dec. 10.
- Hamilton Autographic Register Company, The. (See Bezold, George L., assignor.)
- Hamilton Beach Manufacturing Company. (See Moss, Edward, assignor.)
- Hamilton Beach Manufacturing Company. (See Myers, Thomas B., assignor.)
- Hamilton Beach Manufacturing Company. (See Partz, Victor A., assignor.)
- Hamilton, Benjamin W., Great Falls, Mont., assignor to S. L. Kerr. Power control system. 2,004,478; June 11.
- Hamilton, Bertis, Columbus, Ind. Match container. 2,008,016; July 16.
- Hamilton, Charles E., Sr. (See Zeidler, Harold O., assignor.)
- Hamilton, Charles E., Sr., Hollywood, Calif., assignor to E. Lane and P. and C. Mendelson, New York, N. Y. Stripper device for flat work ironers. 1,989,414; Jan. 29.
- Hamilton, Charles E., Sr., Hollywood, Calif., assignor to E. Lane, P. and C. Mendelson, New York, N. Y. Stripper fingers for flat work ironers. 2,008,499; July 16.
- Hamilton, Charles E., Sr., Hollywood, Calif., assignor of fifty-five per cent to H. R. Hering, South Orange, N. J. Spring for ironing pads. 2,021,506; Nov. 19.
- Hamilton, Charles W. F., Irlsman Creek Station, Fairlie, New Zealand. The elevation and disposal of spoil or other suitable substances. 2,008,354; July 16.
- Hamilton, Clyde C., Highland Park, assignor to Endowment Foundation, New Brunswick, N. J. Insecticide. 1,980,981; Feb. 5.
- Hamilton, Eugene B., Boston, Mass. Educational map. 2,004,241; June 11.
- Hamilton, George C., McComb City, Miss. Bundling and wrapping apparatus. 2,026,469; Dec. 31.
- Hamilton, Harold L., Denver, Colo., assignor, by mesne assignments, to Auto Research Corporation. Automatic lubricator. 1,987,619; Jan. 15.
- Hamilton, Harold L., Cleveland, Ohio, assignor, by mesne assignments, to M. Sloman, New York, N. Y. Automatic lubrication. 1,987,620; Jan. 15.
- Hamilton, Jennie B., Westfield, Mass. Price tag support. 2,020,780; Nov. 12.
- Hamilton, John A., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Storage battery plate. 2,015,636; Sept. 24.
- Hamilton, John R. (See Lowe, E. A., and Hamilton.)
- Hamilton, John R., Cleveland Heights, assignor to Automatic Sprinkler Company of America, Cleveland, Ohio. Constant discharge sprinkler head. 1,997,404; Apr. 9.
- Hamilton Laboratories, Incorporated, The. (See Weed, Lyle A., assignor.)
- Hamilton, Louis P., Cheltenham, Pa. Illuminated sign. 1,994,642; Mar. 19.
- Hamilton, Paul H., assignor to The Sands Manufacturing Company, Cleveland, Ohio. Safety valve device. 2,013,713; Sept. 10.
- Hamilton, Paul R. (See Gregory, F. E., McClaren, and Hamilton.)
- Hamilton, Samuel A. B., Jr., Fort Worth, Tex. Speed control for motor vehicles and the like. 1,997,057; Apr. 9.
- Hamilton, Samuel A. B., Jr., Fort Worth, Tex. Speed control mechanism. 2,023,018; Dec. 3.
- Hamilton, Sidney A., Shreveport, La. Hair drier. 2,008,864; July 23.
- Hamilton-Wade Company. (See Howard, Albert L., assignor.)
- Hamilton, Walter G., R. G. Follis, and H. P. McCormick, El Paso, Tex., assignors to Standard Oil Company of California, San Francisco, Calif. Refining hydrocarbon oils for removing sulphur compounds. 1,993,140; Mar. 5.
- Hamilton Watch Company. (See Luckey, George P., assignor.)
- Hamilton, William A., Birmingham, Ala. Cutter chain. 2,017,457; Oct. 15.
- Hamilton, William S. H., Larchmont, N. Y. Control system for oil-electric locomotives. 2,021,005; Nov. 12.
- Hamister, Victor C. (See Schumacher, E. A., Hamister and Helise.)
- Hamlett, Robert T., Jackson Heights, assignor to The Western Union Telegraph Company, New York, N. Y. Lineman's signaling system. 1,990,232; Feb. 5.
- Hamlin, Frederick J. (See Conway, H. J., and Hamlin.)
- Hamlin, Frederick J. (See Conway, J. H., and Hamlin.)
- Hamlin, Joy L. See Hamlin, Ralph, assignor.)
- Hamlin, Marston L., Lynbrook, assignor to The Barrett Company, New York, N. Y. Shingle. 2,019,701; Nov. 5.
- Hamlin, Ralph, assignor to Joy Laverne Hamlin, Los Angeles, Calif. Two-hole can opener. 1,991,247; Feb. 12.
- Hamm, William. (See Stewart, J. M., Hamm and Cooney.)
- Hamm, William S., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Curtain construction. 1,986,773; Jan. 1.
- Hamm, William S., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Weather strip. 2,004,722; June 11.
- Hamm, William S., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Curtain fixture. 2,015,848; Oct. 1.
- Hamm, William S., and H. D. Sevison, Elkhart, Ind., assignors to The Adlake Company, Chicago, Ill. Sash construction. 1,997,822; Apr. 16.
- Hamm, William S., and H. D. Sevison, Elkhart, assignors to The Adlake Company, Chicago, Ill. Sash construction. 2,013,207; Sept. 3.

- Hammack, George V., Kansas City, assignor of one-half to J. E. Shryock, Odessa, Mo. Refrigerating cabinet. 2,016,675; Oct. 8.
- Hammalian, Paul M., New York, N. Y. Antiglare device. 2,020,944; Nov. 12.
- Hammar, Herbert G., assignor to Federal Electric Company, Chicago, Ill. Lamp support. 2,020,886; Nov. 12.
- Hammel, Victor F., Richmond Hill, N. Y. Making columnar structures. 1,998,367; Apr. 16.
- Hammell, Delbert C., Los Angeles, Calif. Combination heating, cooling, fumigation, irrigation, and fertilizing system for agricultural purposes. 1,991,851; Feb. 19.
- Hammell, Kemper M., Minster, Ohio. Refrigeration apparatus. 1,987,739; Jan. 15.
- Hammer, Bernard W., Ames, Iowa, H. C. Horneman, and M. E. Parker, Danville, Ill., assignors to Sealtest System Laboratories, Inc., New York, N. Y. Treating lactic fluids. 2,022,420; Nov. 26.
- Hammer-Bray Company. (See Leonard, Joseph E., assignor.)
- Hammer, Charles, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Sealed package. 1,998,869; Apr. 23.
- Hammer, Charles, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Cap and package. 1,998,870; Apr. 23.
- Hammer, Charles, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Metal container. 2,003,784; June 4.
- Hammer, Clara, St. Paul, Minn. Cushioned carriage. 2,010,987; Aug. 13.
- Hammer, Otto, assignor to Security Investment Company, Whittier, Calif. Roller core breaker for bits. 2,024,730; Dec. 17.
- Hammer, Richard B., Ames, Iowa. Apparatus for handling mat board. 2,017,535; Oct. 15.
- Hammer, Samuel, assignor to United Metal Box Co., Inc., Brooklyn, N. Y. Venetian blind bracket. 1,992,148; Feb. 19.
- Hammer, Sigwald M., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Power supply circuit. 2,002,774; May 28.
- Hammer, Thorvald F., Branford, Conn., assignor to Malleable Iron Fittings Company, Branford, Conn. Stubbing device. 1,999,608; Apr. 30.
- Hämmerle, Adolf, Molding, Austria. Partition wall. 1,991,361; Feb. 19.
- Hammerling, Emanuel, New York, N. Y. Fastener. 1,987,337; Jan. 8.
- Hammerly, Frank B., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Cushion means for tools. 2,019,964; Nov. 5.
- Hammerly, Herman J., Wallingford, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 1,993,273; Mar. 5.
- Hammerly, Herman J., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Fuel oil supply. 2,012,005; Aug. 20.
- Hammermill Paper Company. (See Chatain, Henri G., assignor.)
- Hammersley, Charles, Jeffersonville, Ind. Adjustable lid support. 1,997,517; Apr. 9.
- Hammes, Bernard R., et al. (See Scharpf, Arthur W., assignor.)
- Hammes, John W., Racine, Wis. Garbage disposal device. 2,012,680; Aug. 27.
- Hammett, David M., Tulsa, Okla. Oil well pumping apparatus. 2,017,694; Oct. 15.
- Hämmisch, Karl, Meissen, assignor to Aktiengesellschaft für Cartonnagen-Industrie, Dresden, Germany. Process and apparatus for the formation of channels in sheets of cardboard, corrugated cardboard, or the like. 2,022,563; Nov. 26.
- Hammock, Marion C., Crystal Springs, Miss. Universal barrow and cultivator. 2,023,049; Dec. 3.
- Hammon, Dwight E., Virginia, Calif. Tool for expanding and contracting pipe clamping collars. 1,991,150; Feb. 12.
- Hammon, James H., Vincennes, Ind. Multifocal ophthalmic lens and blank therefor. 2,006,638; July 2.
- Hammon, James H., Vincennes, Ind. Ophthalmic lens and making the same. 2,021,778; Nov. 19.
- Hammond, Almerion J., assignor to American Seating Company, Grand Rapids, Mich. Hinge with friction bearing. 1,987,060; Jan. 8.
- Hammond, Anning S., Portland, Oreg., assignor to Western Waxed Paper Company, Oakland, Calif. Securing end readily detachable of coiled gummed tape. 2,015,268; Sept. 24.
- Hammond Clock Company, The. (See Hammond, Laurens, assignor.)
- Hammond Clock Company, The. (See Watson, Arthur H., assignor.)
- Hammond Company, The. (See Hammond, Grant, assignor.)
- Hammond, Grant, assignor to The Hammond Company, New Haven, Conn. Carburetor. 2,023,925; Dec. 10.
- Hammond Holding Corporation. (See Hammond, John H., Jr., assignor.)
- Hammond, Ina B., Danbury, Conn. Catamenial appliance. 1,989,008; Jan. 22.
- Hammond, John H., Jr. (See Purington, Ellison S., assignor.)
- Hammond, John H., Jr., Gloucester, Mass. Frequency control system. 1,994,514; Mar. 19.
- Hammond, John H., Jr., Gloucester, Mass. Mounting for loud speakers in pianos. 1,994,889; Mar. 19.
- Hammond, John H., Jr., Gloucester, Mass. Musical instrument. 2,001,722; May 21.
- Hammond, John H., Jr., Gloucester, Mass. Regenerative piano. 2,001,723; May 21.
- Hammond, John H., Jr., Gloucester, Mass. Piano recording. 2,001,724; May 21.
- Hammond, John H., Jr., Gloucester, Mass. Series dynamic multiplier. 2,008,698; July 23.
- Hammond, John H., Jr., Gloucester, Mass. Reediting of phonograph records. 2,008,699; July 23.
- Hammond, John H., Jr., Gloucester, Mass. Reediting of talking films. 2,008,700; July 23.
- Hammond, John H., Jr., Gloucester, Mass. Sound reproducing system. 2,008,701; July 23.
- Hammond, John H., Jr., Gloucester, Mass. Amplifying system. 2,008,702; July 23.
- Hammond, John H., Jr., Gloucester, Mass. Dynamic multiplier circuit. 2,008,703; July 23.
- Hammond, John H., Jr., Gloucester, Mass. Sound reproducing system. 2,008,704; July 23.
- Hammond, John H., Jr., Gloucester, Mass. Sound reproducing system. 2,008,705; July 23.
- Hammond, John H., Jr., Gloucester, Mass. Sound reproducing system. 2,008,707; July 23.
- Hammond, John H., Jr., Gloucester, Mass. Harmonic control for recording and reproducing sound. 2,008,708; July 23.
- Hammond, John H., Jr., Gloucester, Mass. Decrescendo timing control. 2,008,709; July 23.
- Hammond, John H., Jr., Gloucester, Mass. Recording system. 2,008,711; July 23.
- Hammond, John H., Jr., Gloucester, Mass. Sound reproducing system. 2,008,712; July 23.
- Hammond, John H., Jr., Gloucester, Mass. System for reproducing sound from a sound record. 2,008,824; July 23.
- Hammond, John H., Jr., Gloucester, Mass. System for reproducing sound from a sound record. 2,008,825; July 23.
- Hammond, John H., Jr., Gloucester, Mass. System for reproducing sound from a sound record. 2,009,229; July 23.
- Hammond, John H., Jr., Gloucester, Mass. Photo-electric detonator controlled by searchlight. 2,015,670; Oct. 1.
- Hammond, John Hays, Jr., Gloucester, Mass. Transmission of related radiant frequencies. 2,018,356; Oct. 22.
- Hammond, John H., Jr., assignor to Hammond Holding Corporation, Gloucester, Mass. Sound recording and reproducing. 1,993,929; Mar. 12.
- Hammond, John H., Jr., assignor to Hammond Holding Corporation, Gloucester, Mass. Automatic volume control. 1,998,617; Apr. 23.
- Hammond, John H., Jr., assignor to Hammond Holding Corporation, Gloucester, Mass. Dynamic multiplier circuit. 1,998,618; Apr. 23.
- Hammond, John H., Jr., assignor to Hammond Holding Corporation, Gloucester, Mass. Control of dynamics of sound. 1,998,619; Apr. 23.
- Hammond, John H., Jr., assignor to Hammond Holding Corporation, Gloucester, Mass. Dynamic control by intertube coupling devices. 1,998,620; Apr. 23.
- Hammond, John H., Jr., Gloucester, Mass., assignor to Radio Corporation of America. Navigational guide system. 2,018,357; Oct. 22.
- Hammond, John H., Jr., and E. S. Purington, Gloucester, Mass., assignors, by mesne assignments, to said Hammond. Sound reproducing system. 2,008,706; July 23.
- Hammond, John H., Jr., and E. S. Purington, Gloucester, Mass.; said Purington assignors to John Hays Hammond, Jr. Dynamic multiplier. 2,008,710; July 23.
- Hammond, Laurens, Chicago, Ill. Card table. 1,998,672; Apr. 23.
- Hammond, Laurens, assignor to The Hammond Clock Company, Chicago, Ill. Electric clock motor. 2,003,116; May 28.
- Hammond, Laurens, Evanston, assignor to The Hammond Clock Company, Chicago, Ill. Electric clock. 2,013,208; Sept. 3.
- Hammond, Richard A., Kansas City, Mo., assignor to General Electric Company. Automatic reclosing circuit breaker system. 2,011,361; Aug. 13.
- Hammond, Theodore A., Montclair, N. J., and P. F. Sonnek, Woodhams, N. Y. Internal combustion engine. 1,992,371; Feb. 26.
- Hammond, William A., Yellow Springs, Ohio. Reducing the water content of liquids. 2,008,955; July 23.
- Hammond, William C. (See Beaumont, Marie L., assignor.)
- Hammons, John R., LaFayette, Ind. Garden hose stand. 1,997,823; Apr. 16.
- Hampel, Karl, Chicago, Ill. Window construction. 1,987,679; Jan. 15.
- Hampke, Otto, Altona, Germany. Pocket mirror for reflecting positive images. 1,991,054; Feb. 12.
- Hamprecht, Guenther. (See Schlecht, L., Hamprecht, and Spoun.)
- Hampton, Audrey L., Houston, Tex. Fluid motor. 2,022,197; Nov. 26.
- Hampton, Leo N., New York, N. Y., and C. L. Van Inwagen, Jr., Rutherford, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrically heated tool. 1,993,781; Mar. 12.
- Hampton, Leon N. (See Giertsen, O. N., and Hampton.)

- Hampton, Leon N., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Electrically heated tool. 1,994,994; Mar. 19.
- Hampton, Leon N., New York, N. Y., and O. N. Giertsen, Bloomfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pneumatic sending valve. 1,996,107; Apr. 2.
- Hampton, Leon N., New York, N. Y., and A. K. Smith, West Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling device. 2,005,583; June 18.
- Hampton, Victor J., Guelph, Ontario, Canada. Solidified honey and manufacture thereof. 2,021,450; Nov. 19.
- Hampton, William C., assignor to The Crawford, McGregor and Canby Company, Dayton, Ohio. Ornamental banding for shafts. 2,009,969; July 30.
- Hampton, William H., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Denatured alcohol and producing the same. 1,988,007; Jan. 15.
- Hampton, William H., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Denatured ethyl esters. 1,995,539; Mar. 26.
- Hanau Engineering Company. (See Franwick, Edmond J., assignor.)
- Hanauer, Darwin, La Grange, assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Seating furniture back support. 2,020,028; Nov. 5.
- Hance, Lawrence W., Philadelphia, Pa. Piston packing. 2,009,958; July 30.
- Hanchett, Arnold, assignor to The Solvay Process Company, Syracuse, N. Y. Dehydration of caustic. 2,022,037; Nov. 26.
- Hancock, Homer V., and V. H. Hancock, Pontiac, Mich. Camp stove. 2,021,915; Nov. 26.
- Hancock, Victor H. (See Hancock, Homer V., and V. H.)
- Hancock, William H. (See Williams, Roger G., assignor.)
- Hancock, William H., Okmulgee, Okla. Nut cracking machine. 2,002,289; May 21.
- Hancock, William J., Idaho Springs, Colo. Minerals separating and concentrating machine. 2,012,192; Aug. 20.
- Hand, Arthur R., Ballston Lake, N. Y., assignor to General Electric Company. Thermal cut-out. 2,007,757; July 9.
- Hand, Erle H., New York, N. Y. Electrically operated height measuring device. 1,997,417; Apr. 9.
- Hand, Erle H., assignor to Radio Corporation of America, New York, N. Y. Radio apparatus. 1,993,962; Mar. 12.
- Hand, Everett B., et al. (See Oksenholt, Jens N., assignor.)
- Hand, James M., Shubuta, Miss. Rotary pump, compressor, or driven motor. 2,015,307; Sept. 24.
- Hand, James W., Elizabeth, N. J., assignor to Standard Oil Development Company. Apparatus for galvanizing containers. 2,013,047; Sept. 3.
- Hand, John L. H., Philadelphia, Pa. System for compensating a navigational compass. 1,990,939; Feb. 12.
- Hand, John L. H., Bala-Cynwyd, Pa. Compensation device for compasses. 1,990,940; Feb. 12.
- Handel, Charles E., Winterset, assignor to Munson Manufacturing Company, Winterset, Iowa. Screw thread rolling apparatus. 2,011,761; Aug. 20.
- Handfield, Albert, Montreal, Quebec, Canada. Sash fastener. 2,016,196; Oct. 1.
- Handforth, Stanley L., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrical apparatus. 1,992,304; Feb. 26.
- Handforth, Stanley L., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cooling gases. 2,019,533; Nov. 5.
- Handforth, Stanley L., and W. E. Kirst, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ammonia oxidation process. 1,986,396; Jan. 1.
- Handlan-Buck Manufacturing Company. (See Evans, Roland D., assignor.)
- Handlan-Buck Manufacturing Company. (See McLeod, Nelson W., assignor.)
- Handler, Alfred A., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Making variable pitch propeller blades. 1,995,451; Mar. 26.
- Handler, Alfred A., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Making pistons. 2,024,285; Dec. 17.
- Handler, Alfred A., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Apparatus for making pistons. 2,024,286; Dec. 17.
- Handler, William, Jerseyville, Ill. Attachment for beer dispensing apparatus. 2,020,412; Nov. 12.
- Handley, George F., Glendale, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,017,964; Oct. 22.
- Handley, George F., Glendale, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,025,236; Dec. 24.
- Handley, William C., Chicago, Ill. Waterproof watch. 2,004,280; June 11.
- Hands, Edgar B., et al. (See Oksenholt, Jens N., assignor.)
- Handy Cleaner Corporation et al. (See Anglemeyer, Herman B., assignor.)
- Handy Governor Corporation. (See Larsen, Torleif I., assignor.)
- Handy & Harman. (See Leach, Robert H., assignor.)
- Handy, Royal S., Kellogg, Idaho. Concentration of ores. 2,019,306; Oct. 29.
- Handy, Royal S., Kellogg, Idaho. Classification apparatus. 2,025,412; Dec. 24.
- Haney, Clifford I. (See Dreyfus, C., and Haney.)
- Haney, Clifford I., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Cellulose acetate. 1,993,782; Mar. 12.
- Haney, Clifford I., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Treating solids. 1,999,411; Apr. 30.
- Haney, Clifford I., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Producing cellulose acetate. 2,022,856; Dec. 3.
- Hanff, Edward A. (See Dressler, P. d'H., and Hanff.)
- Hanff, Ferdinand, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Extrusion device. 2,025,666; Dec. 24.
- Hanford, William B., and E. B. Erickson, Detroit, Mich., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Testing machine. 1,995,061; Mar. 19.
- Hanlique, Alfred, Paris, France. Large output device for measuring volumes of granulated material. 2,010,760; Aug. 6.
- Hanke, Edwin W. F., Chicago, and W. J. Zenner, Des Plaines, assignors to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 1,989,688; Feb. 5.
- Hankel, Gilbert, Grant, Nebr. Bag and sack closing device. 2,015,473; Sept. 24.
- Hankins, Cyrus, Washington, D. C. Brake rigging for railway cars. 2,013,048; Sept. 3.
- Hankins, Frederick W., Philadelphia, and F. K. Fildes, Altoona, Pa. Movable abutment for container vehicles. 1,988,944; Jan. 22.
- Hankins, Frederick W., Philadelphia, and F. K. Fildes, Altoona, Pa. Container transfer apparatus. 2,004,095; June 11.
- Hankins, Sidney I. (See Carmichael, H. McK., Johnson and Hankins.)
- Hankins, Thomas J., Jr., Springfield, N. J., assignor to Westinghouse Lamp Company. Heat treatment of metals. 2,003,486; June 4.
- Hanks, Austin K., Great Neck, N. Y., assignor to Trans-lux Daylight Picture Screen Corporation. Optical projection apparatus. 2,021,507; Nov. 19.
- Hanks, Marshall W., Madison, Wis. Controlling means for heaters. 2,010,664; Aug. 6.
- Hanks, Marshall W., Madison, Wis. Liquid conductor heater. 2,015,671; Oct. 1.
- Hanks, Marshall W., and G. H. Nelson, assignors to Hanksraft Company, Madison, Wis. Liquid conductor heater. 2,015,672; Oct. 1.
- Hanksraft Company. (See Hanks, M. W., and Nelson, assignors.)
- Hanlan, Frederick, assignor to H. B. Sherman Manufacturing Company, Battle Creek, Mich. Solderless connector lug for cables and the like. 2,015,896; Oct. 1.
- Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company. Clip. 2,022,416; Nov. 26.
- Hanley, Chester T., Chicago, Ill. Golf training device. 2,022,910; Dec. 3.
- Hanley, William A., and B. T. Childs, assignors to Eli Lilly and Company, Indianapolis, Ind. Capsule filling machine. 1,993,716; Mar. 5.
- Hanlon-Buchanan, Inc. (See Thompson, C. L., Bacon, and Bludworth, assignors.)
- Hanlon-Buchanan, Inc. (See Sweeney, O. R., Vilbrandt, Beeson, and Montgomery, assignors.)
- Hanlon, Michael J., Weehawken, N. J., assignor to Black Diamond Steamship Corporation, New York, N. Y. Automatic hatch beam locking device. 2,000,839; May 7.
- Hanlon-Waters, Inc. (See Waters, Millard F., assignor.)
- Hann, George L., New Brighton, Staten Island, N. Y., assignor to United States Gypsum Company, Chicago, Ill. Method of and apparatus for the reduction of granular materials. 1,989,615; Jan. 29.
- Hann, George L., Staten Island, N. Y., assignor to United States Gypsum Company, Chicago, Ill. Packaging sheet materials. 2,004,626; June 11.
- Hanna, Atto N., Newark, N. J. Paper fastener. 2,013,097; Sept. 3.
- Hanna, Clinton R., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motion picture apparatus. 2,000,698; May 7.
- Hanna, Clinton R., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Photophone apparatus. 2,003,048; May 28.
- Hanna, Clinton R., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Cinematographic apparatus. 2,015,637; Sept. 24.
- Hanna, David J., and J. M. Van Houten, assignors to Dutchess Tool Company, Beacon, N. Y. Dough proofing machine. 2,017,046; Oct. 15.
- Hanna, Ellsworth J., Evanston, Ill. Automatic liquid measure. 1,986,811; Jan. 8.
- Hanna Engineering Works. (See Hanna, J. C., and Sherwood, assignors.)
- Hanna, John C., and M. W. Sherwood, assignors to Hanna Engineering Works, Chicago, Ill. Valve structure. 2,009,616; July 30.
- Hannaford Frederick C., Morgan City, La. Molding and compressing perishable foodstuffs for quick freezing. 2,011,244; Aug. 13.
- Hannan, Raymond J. (See Barrett, Leo E., assignor.)

- Hanneschlager, Otto, Houston, Tex. Strainer. 2,004,071; June 4.
- Hanney, Angus F., Norwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Carrier for laundry assorting machines. 2,001,386; May 14.
- Hanney, Angus F., Norwood, Ohio, assignor to The American Laundry Machinery Company. Garment press. 2,009,446; July 30.
- Hanney, Angus F., Norwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Pressing machine. 2,013,754; Sept. 10.
- Hanney, Angus F., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Laundry clip attachment. 2,011,105; Aug. 13.
- Hanney, Angus F., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Pressing machine. 2,017,965; Oct. 22.
- Hannifin Manufacturing Co. (See Burger, Walter D., assignor.)
- Hannifin Manufacturing Co. (See Burger, W. D., and Peterson, assignors.)
- Hannifin Manufacturing Co. (See Peterson, Victor W., assignor.)
- Hannifin Manufacturing Co. (See Peterson, V. W., and Gregorich, assignors.)
- Hannou, Albert H., Springfield, Ohio. Electroplating machine. 1,985,988; Jan. 1.
- Hannum, Chester W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Motor fuel. 2,000,283; May 7.
- Hano, Edward, Holyoke, Mass. Transfer sheet. 2,001,960; May 21.
- Hano, Edward, Holyoke, Mass. Counter sales book. 2,014,020; Sept. 10.
- Hano, Edward, G. U. Lacroix, and G. Hogan, Holyoke, Mass. Counter sales book. 2,004,942; June 18.
- Hanon, Tex. (See Bender, C., and Hanon.)
- Hanover, A. L. (See Johnson, M. W., and Lester, assignors.)
- Hanover, Bert H., assignor to The Kendall Company, Chicago, Ill. Adhesive tape and gauze dressing package. 2,005,676; June 18.
- Hanover Machine Corporation. (See Hesson, Charles M., assignor.)
- Hanovia Chemical and Manufacturing Company. (See Anderson, William T., Jr., assignor.)
- Hanovia Chemical & Manufacturing Company. (See Anderson, W. T., Jr., and Bird, assignors.)
- Hanovia Chemical and Manufacturing Company. (See Trebler, Henning A., assignor.)
- Hanovia Chemical and Manufacturing Company. (See Trebler, H. A., and Larsen, assignors.)
- Hanrahan, Marshall S. (See Gladney, Andrew L., assignor.)
- Hanratty, Arthur D., San Francisco, Calif. Combination fuel and brake control means. 2,015,717; Oct. 1.
- Hans, Thomas, and C. E. Raney, assignors to J. P. Brunt, doing business as Brunt and Company, Chicago, Ill. Waterproofing composition and making and applying the same. 2,015,796; Oct. 1.
- Hanschke, Albert, Kiel, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel-Gaarden, Germany. Thrust bearing with fluid friction. 1,987,849; Jan. 15.
- Hanseatische Muehlenwerke Aktiengesellschaft. (See Rewald, Bruno, assignor.)
- Hansel, Lawrence H., Brookline, assignor to The Felters Company, Boston, Mass. Grease retaining washer for bearings. 2,003,934; June 4.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Transmitter. 1,985,924; Jan. 1.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Cathode ray tube oscillator. 1,986,632; Jan. 1.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Cathode ray tube heterodyne detector. 1,988,621; Jan. 22.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillatory circuit. 1,988,622; Jan. 22.
- Hansell, Clarence W., Port Jefferson, Long Island, N. Y., assignor to Radio Corporation of America. Crystal controlled oscillator. 1,998,928; Apr. 23.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electrical circuits. 1,999,190; Apr. 30.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Signaling. 1,999,902; Apr. 30.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillation generation. 2,001,132; May 14.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. High frequency oscillator. 2,001,133; May 14.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Filter. 2,001,387; May 14.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Transmission system. 2,005,084; June 18.
- Hansell, Clarence W., Port Jefferson, Long Island, N. Y., assignor to Radio Corporation of America. Frequency multiplier for ultra high frequencies. 2,005,782; June 25.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillation generation. 2,009,369; July 23.
- Hansell, Clarence W., Port Jefferson, and J. L. Finch, Patchogue, N. Y., assignors to Radio Corporation of America. Frequency selective system. 2,009,370; July 23.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Neutralization circuit. 2,013,098; Sept. 3.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Radio beacon system. 2,014,732; Sept. 17.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Vacuum tube system. 2,014,733; Sept. 17.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillatory circuit. 2,017,093; Oct. 15.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Filter. 2,018,358; Oct. 22.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. (Electrical vacuum pump. 2,022,465; Nov. 26.
- Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Filter. 2,005,083; June 18.
- Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Directional antenna arrangement. 2,017,047; Oct. 15.
- Hansen, Aage C. C. (See Matthews, J. L., and Hansen.)
- Hansen, Anton C., assignor to C. Schiller, Kenosha, Wis. Clothesline cleat. 1,985,989; Jan. 1.
- Hansen, Austin B., assignor of one-half to R. W. Jarrett, Carlton, Oreg. Card table. 2,022,345; Nov. 26.
- Hansen, Carl P., Berlin, Germany. Toy vehicle for children. 1,992,698; Feb. 26.
- Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Controlling device for valves. 1,988,945; Jan. 22.
- Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Sand pipe for rock drills. 2,006,829; July 2.
- Hansen, Charles C., Forest Park, assignor to Refrigerating Specialties Company, Chicago, Ill. Electrically controlled valve. 2,020,833; Nov. 12.
- Hansen, Christian J., Essen-Ruhr, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Manufacture of di-ammonium phosphate from solutions containing ammonium phosphate. 2,016,816; Oct. 8.
- Hansen, Conrad T., Bywood, Pa., assignor, by mesne assignments, to The E. F. Hauserman Company. Wall and post construction. 2,004,319; June 11.
- Hansen, Dolly D., et al. (See Cerna, Candido, assignor.)
- Hansen, Donald W., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Coating material and process. 1,992,122; Feb. 19.
- Hansen, Edmund H., Los Angeles, Calif. System for synchronizing sound with motion pictures. 2,002,111; May 21.
- Hansen, Edwin H. (See Lovell, S. P., and Hansen.)
- Hansen, Folmer F., St. Paul, Minn. Wheeling scaffolding. 1,997,462; Apr. 9.
- Hansen, Franklin, Jr., et al. (See Cerna, Candido, assignor.)
- Hansen, Fred A., and H. E. Koch, Shorewood Village, Wauwatosa, assignors to Hevi Duty Electric Company, Milwaukee, Wis. Heat treating in circulatory gases. 2,012,165; Aug. 20.
- Hansen, Frederick D., and H. W. Tinker, Milwaukee, Wis., assignors by mesne assignments to Lyon Incorporated, Detroit, Mich. Metal cover for automobile tires. 2,010,080; Aug. 6.
- Hansen, Frederick D., and H. W. Tinker, Milwaukee, Wis., assignors, by mesne assignments, to Lyon Incorporated, Detroit, Mich. Metal cover for automobile tires. 2,013,913; Sept. 10.
- Hansen, Herbert A., Poughkeepsie, N. Y. Bottle lifter. 2,021,416; Nov. 19.
- Hansen, Herman, New York, N. Y., assignor to Francis Kell & Son, Inc. Apparatus for determining code of keys for cylinder locks. 1,991,151; Feb. 12.
- Hansen, James Brooklyn, N. Y. Valve. 1,997,863; Apr. 16.
- Hansen, Johannes E. (See Abrahamsen, A., and Hansen.)
- Hansen, John, Bettendorf, Iowa. Producing cutter blades for slicing machines. 2,002,812; May 28.
- Hansen, Julius W., Princeton, Ind. Clock. 2,000,327; May 7.
- Hansen, Julius W., Princeton, Ind., assignor to The E. Inghram Company, Bristol, Conn. Self-starting synchronous electric motors. 1,987,823; Jan. 15.
- Hansen, Mahlin S., Speedway City, Indianapolis, Ind., assignor to P. C. Reilly, Indianapolis, Ind. Froth flotation apparatus and process. 2,011,483; Aug. 13.
- Hansen, Marius H., assignor to Hanson Scale Company, Chicago, Ill. Weighing scale. 2,003,360; June 4.
- Hansen, Marius H., assignor to Hanson Scale Company, Chicago, Ill. Scale. 2,019,132; Oct. 29.

- Hansen, Merrill E., A. Szegevari, and H. A. Morton, assignors to American Anode Incorporated, Akron, Ohio. Manufacture of articles from aqueous rubber dispersions. 2,006,862; July 2.
- Hansen, Morten. (See Young, W. G., Hansen, and Pollon.)
- Hansen, Norman A. (See Tabern, D. L., and Hansen.)
- Hansen, Oswald H., Cedarburg, Wis. Sterilizing food. 1,987,824; Jan. 15.
- Hansen, Oswald H., Cedarburg, Wis. Treating food products. 1,987,825; Jan. 15.
- Hansen, Oswald H., Cedarburg, Wis. Heat treating. 2,011,631; Aug. 20.
- Hansen, Paul, Hamburg, Germany, assignor, by mesne assignments, to I. B. Kleinert Rubber Company, New York, N. Y. Method and apparatus for molding rubber goods with relief designs. 2,012,927; Aug. 27.
- Hansen, William M. (See Stephan, Fritz, assignor.)
- Hansen, Wray C., Detroit, and E. F. Webb, Highland Park, Mich., assignors to Chrysler Corporation, Detroit, Mich. Windshield wiper control mechanism. 2,016,142; Oct. 1.
- Hansena, A. G. (See Nathan, L., and Opekar, assignors.)
- Hansen's, Chr., Laboratory, Inc. (See Spence, Byron, assignor.)
- Hansgirt, Fritz, Radentheim, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Producing substantially pure magnesium. 2,003,487; June 4.
- Hansgirt, Fritz, Radentheim, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Producing substantially pure magnesium. 2,022,282; Nov. 26.
- Hansgirt, Fritz, Radentheim, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Production of metallic magnesium. 2,025,740; Dec. 31.
- Hanshaw, George O. (See Post, E. M., Jr., and Hanshaw.)
- Hansley, Virgil L. (See Scott, N. D., and Hansley.)
- Hansley, Virgil L., Niagara Falls, N. Y., assignor to The E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del. Preparation of acyloins. 1,996,471; Apr. 2.
- Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Fatty acid ester of symmetrical dialkyl ethylene glycols and its production. 2,025,684; Dec. 24.
- Hanson, Arthur F. (See Tarbox, J. P., Hanson, and Reed.)
- Hanson, Albert J. (See Juthe, K. A., and Hanson.)
- Hanson, Arden A., Oakland, Nebr. Cane and stool. 1,997,142; Apr. 9.
- Hanson, Arthur F., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sheet flash welder. 2,002,007; May 21.
- Hanson, Bennie P., Cedar Falls, assignor to G. C. Kennedy, Waterloo, Iowa. Automobile luggage carrier. 1,998,621; Apr. 23.
- Hanson, Charles W. (See Betterton, J. O., and Hanson.)
- Hanson, Charles W., Perth Amboy, N. J., and J. Kowalski, Omaha, Nebr., assignors to American Smelting and Refining Company, New York, N. Y. Retort ventilating hood. 1,998,456; Apr. 23.
- Hanson, Ernest R., Bloomfield, and S. Brown, Montclair, N. J., assignors to Halowax Corporation, New York, N. Y. Light colored liquid chlorinated naphthalene, and production thereof. 2,025,742; Dec. 31.
- Hanson, Floyd A., and F. H. Lewis, assignors to Food Machinery Corporation, San Jose Calif. Sand and dirt trap. 1,992,699; Feb. 26.
- Hanson, Gustaf S., Montclair, N. J. Cup handle. 1,986,927; Jan. 8.
- Hanson, Gustaf S., Montclair, N. J. Paint brush protector. 2,004,320; June 11.
- Hanson, Hans C., and S. Rasmussen, Albert Lea, Minn. Adjustable leg structure. 2,020,503; Nov. 12.
- Hanson, Harry A. (See Ensign, H. N., and Hanson.)
- Hanson, Harry M., assignor to The Kennedy Car Liner and Bag Co., Shelbyville, Ind. Sealing pad. 2,012,876; Aug. 27.
- Hanson, Helen M., Argyle, Wis., assignor to Kalamazoo Vegetable Parchment Company, Kalamazoo, Mich. Box or container. 1,985,990; Jan. 1.
- Hanson, John A. (See Schroeter, J. F., and Hanson.)
- Hanson, Malcolm P. (See Hyland, L. A., and Hanson.)
- Hanson, Norman D., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Coated article and making same. 2,010,857; Aug. 13.
- Hanson, Oscar B., Westport, Conn., assignor to Radio Corporation of America. Double reflector type microphone. 2,017,122; Oct. 15.
- Hanson, Robert E., San Jose, Calif. Poultry sanitary drinking fountains. 1,986,928; Jan. 8.
- Hanson Scale Company. (See Hansen, Marius H., assignor.)
- Hanson, Soren S., assignor of forty per cent to W. Olson, Brooklyn, N. Y. Muffler for internal combustion engines. 2,016,859; Oct. 8.
- Hanson, Thorvald, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Electrically welding thin metal articles. 2,025,741; Dec. 31.
- Hanson-Van Winkle-Munning Company. (See Berger, Clarence E., assignor.)
- Hanson-Van Winkle-Munning Company. (See Hogaboom, George B., assignor.)
- Hanson, Walter C., Hillsboro, N. Mex., assignor, by mesne assignments, to Natural Resource Development Company, Dallas, Tex. Apparatus for recovering placer gold. 1,987,475; Jan. 8.
- Hanson, Walter M., Grand Rapids, Mich., assignor to American Seating Company, Grand Rapids, Mich. Hinge. 2,000,172; May 7.
- Hanson, William C., Pittsburgh, Pa. Section honey box and method for securing foundation therein. 1,992,664; Feb. 26.
- Hansoom, Clinton F., East Walpole, Mass. Direction indicating hand for barometers. 2,007,680; July 9.
- Hansson, Bror, Stockholm, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Electrical condenser. 2,001,873; May 21.
- Hantla, Albert, Meade, Kans., assignor to The Mid-Co Products Company, Kansas City, Mo. Drier. 2,020,504; Nov. 12.
- Hantschel, Arthur J. and J. E. Appleton, Wis. Automatic gear shifting mechanism. 1,990,690; Feb. 12.
- Hantschel, John E. (See Hantschel, Arthur J. and J. E.)
- Hansch, Hugo, Berlin, Germany, assignor to E. F. Houghton & Company, Philadelphia, Pa. Cementing agent for steel and iron. 2,025,050; Dec. 24.
- Hanzlik, Henry J., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Valve operating mechanism. 1,986,416; Jan. 1.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Cow milking apparatus. 1,987,955; Jan. 15.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Milk pump. 1,995,611; Mar. 26.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Wash water heater. 1,997,904; Apr. 16.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Milking machine check valve chamber. 2,003,590; June 4.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Apparatus for delivering milk to cans. 2,006,393; July 2.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Milking machine teat cup. 2,007,162; July 9.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Electro-pneumatic milking machine pulsation mechanism. 2,007,163; July 9.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Milking machine. 2,009,399; July 30.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Continuous milk delivery system. 2,009,400; July 30.
- Happel, Albert, assignor to Kent-Owens Machine Company, Toledo, Ohio. Variable speed transmission. 2,000,593; May 7.
- Harase, Hanzaburo, Los Angeles, Calif. Electric illuminating device. 1,988,555; Jan. 22.
- Harber, Laurence S. (See Pointon, J. E., and Harber.)
- Harbert, Victor H., assignor to Illinois Railway Equipment Company, Chicago, Ill. Shaft and ratchet locking means. 2,017,123; Oct. 15.
- Harbich, Hans, Berlin-Steglitz, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Equal wave length broadcasting. 1,988,275; Jan. 15.
- Harblson, Clarence B., assignor to The Ohio Steel Foundry Company, Lima, Ohio. Refinery fitting. 2,006,084; June 25.
- Harblson, Joseph C., Eldorado, Ill. Choke valve operating attachment for carburetors. 1,995,452; Mar. 26.
- Harblson, Lynn, and S. C. Wilson, assignors to Econo Products, Incorporated, Rochester, N. Y. Printing plate. 2,014,043; Sept. 10.
- Harblson-Walker Refractories Company. (See Harvey, F. A., and Birch, assignors.)
- Harbordt, Carl G., Kansas City, Mo. Freezing tray. 2,023,923; Dec. 10.
- Harbridge, Chester C., Detroit, Mich. Nut. 1,994,132; Mar. 12.
- Harbstreit, Charles B. (See Tolen, E. V., and Harbstreit.)
- Harcourt, Guy N., Kansas City, Mo., assignor, by mesne assignments, to Cross Development Corporation. Process and apparatus for producing light hydrocarbons. 2,017,860; Oct. 22.
- Hard, Malcolm, Hammond, Ind., assignor to The Superheater Company, New York, N. Y. Superheater. 1,986,336; Jan. 1.
- Hardage, Clarence A., assignor to Crouse-Hinds Company, Syracuse, N. Y. Switch housing and operating mechanism. 1,987,571; Jan. 8.
- Hardaker, John T., Bradford, England. Jacquard machine. 2,026,277; Dec. 31.
- Hardcastle, Jasper A. (See Beal, A. H., and Hardcastle.)
- Hardcastle, Jasper A., Angleton, Tex. Cementing plug. 1,194,072; Mar. 12.
- Hardcastle, Jess, et al. (See King, Walter E., assignor.)
- Hardenbrook, Charles E., Jr., East Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cut-out die. 2,006,353; July 2.
- Harder, Max. (See Dietrich, W., and Harder.)
- Harders, Hans, Richmond Hill, N. Y. Clothesline attachment. 2,021,779; Nov. 19.

- Hardesty, Francis D., Ferndale, Mich. Fountain pen. 2,010,950; Aug. 13.
- Hardgrove, Ralph M. (See Bailey, E. G., Cassidy, and Hardgrove.)
- Hardgrove, Ralph M. (See Bailey, E. G., Cassidy, Hardgrove, Jacobus.)
- Hardgrove, Ralph M. (See Bailey, E. G., and Hardgrove.)
- Hardgrove, Ralph M. (See Bailey, E. G., Kerr, and Hardgrove.)
- Hardgrove, Ralph M., Bethlehem, assignor to Fuller Lehigh Company, Fullerton, Pa. Furnace. 1,986,664; Jan. 1.
- Hardgrove, Ralph M., Bethlehem, assignor to Fuller Lehigh Company, Fullerton, Pa. Furnace. 1,986,665; Jan. 1.
- Hardgrove, Ralph M., Bethlehem, assignor to Fuller Lehigh Company, Fullerton, Pa. Fuel burner. 1,994,445; Mar. 12.
- Hardgrove, Ralph M., Westfield, N. J., assignor to Fuller Lehigh Company, Fullerton, Pa. Slag-tapping furnace having a floor with inclined edges. 1,986,666; Jan. 1.
- Hardgrove, Ralph M., Westfield, N. J., assignor to Fuller Lehigh Company, Fullerton, Pa. Fuel burner. 1,994,446; Mar. 12.
- Hardgrove, Ralph M., Westfield, N. J., assignor, by mesne assignments, to The Babcock & Wilcox Company, New York, N. Y. Control system. 2,012,934; Aug. 27.
- Hardgrove, Ralph M., Westfield, N. J., dedicated to The Government and the People of The United States. Process of and apparatus for measuring reduction in size of solids. 2,016,779; Oct. 8.
- Hardie, J. M., et al. (See Pumphrey, Joseph B., assignor.)
- Hardies, Charles H., Southgate, Calif. Valve. 2,015,849; Oct. 1.
- Harding, Charles K., deceased, late of Los Angeles, by M. T. Harding, San Diego, administratrix; said C. K. Harding assignor, by mesne assignments, of one-half to W. F. MacGlashan, Pasadena, Calif. Producing light weight aggregate and the product thereof. 2,015,381; Sept. 24.
- Harding Company, Incorporated. (See Hardinge, Harlowe, assignor.)
- Harding, David J. (See Richardson, K. M., and Harding.)
- Harding, Earle A., Niagara Falls, and W. Ross, Lewiston, N. Y., assignors to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Container closure. 1,996,292; Apr. 2.
- Harding, Edward, trustee. (See Runyan, Arthur L., assignor.)
- Harding, John, Jr., assignor to Boeing Airplane Company, Seattle, Wash. Fuel handling unit. 2,024,133; Dec. 10.
- Harding, Mabel T., administratrix. (See Harding, Charles K.)
- Harding, Robert, Jr., Elmsford, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Uniform discharge lamp. 2,007,928; July 9.
- Harding, Robert, Jr., Elmsford, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Electric impulse relay and circuit. 2,007,940; July 9.
- Harding, Robert, Jr., Elmsford, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Electric lamp with concentrated light source. 2,007,945; July 9.
- Harding, William R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic alternating current arc welding apparatus. 1,991,091; Feb. 12.
- Harding, William R., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Arc welding generator. 2,000,699; May 7.
- Harding, William R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic alternating-current welder. 2,023,365; Dec. 3.
- Harding, William R., Wilkinsburg, Pa., and E. M. Bouton, Chicago, assignors to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator control system. 2,024,731; Dec. 17.
- Harding, William R., Wilkinsburg, and J. L. Brown, Verona, Pa., assignors to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator system. 2,024,732; Dec. 17.
- Hardinge Company. (See Hardinge, Harlowe, assignor.)
- Hardinge, Harlowe, assignor to Hardinge Company, Incorporated, York, Pa. Liquid clarifier and thickener. 1,986,573; Jan. 1.
- Hardinge, Harlowe, assignor to Hardinge Company, Incorporated, York, Pa. Sedimentation apparatus. 2,021,304; Nov. 19.
- Hardison, Betty, Administratrix. (See Hardison, C. J., and Betty.)
- Hardison, Charles J., deceased, St. Petersburg, by Betty Hardison, administratrix; said Charles J. Hardison assignor of fifty per cent to M. D. Moody, Jacksonville, Fla. Fluid pressure switch. 2,017,966; Oct. 22.
- Hardman, Frederick J., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Connector. 2,009,885; July 30.
- Hardt, Adam. (See Fritz, Henry, Sr., assignor.)
- Hardt, Casper, Detroit, Mich. Individual sail device. 2,018,062; Oct. 22.
- Hardwick, Christopher L., Cleveland, Tenn. Machine for making burners. 2,022,857; Dec. 3.
- Hardwick, Hindle, Inc. (See Hastings, Donald F., assignor.)
- Hardwick, Hindle, Inc. (See McDonell, Frank W., assignor.)
- Hardwick, Hindle, Inc. (See McDonell, F. W., and Osgood, assignors.)
- Hardwicke-Etter Company. (See Streun, John A., assignor.)
- Hardy, Arthur C., Wellesley, Mass., assignor to General Electric Company. Photometric apparatus. 1,987,441; Jan. 8.
- Hardy, Arthur C., Wellesley, Mass., assignor to General Electric Company. Apparatus for recording and reproducing sound. 2,010,951; Aug. 13.
- Hardy, Benjamin G., Merchantville, N. J., assignor to Albert P. De Sanno, Jr., Philadelphia, Pa. Automatic work clamp and length gage. 1,996,373; Apr. 2.
- Hardy, Charles, Pelham Manor, N. Y., assignor to Hardy Metallurgical Company. Metal powder. 2,001,134; May 14.
- Hardy, Charles J. (See Sampson, Robert W., assignor.)
- Hardy, Charles R., Mount Vernon, assignor to The Superheater Company, New York, N. Y. Piping arrangement. 1,990,073; Feb. 5.
- Hardy, Clara B., Los Angeles, Calif. Massage apparatus. 1,999,412; Apr. 30.
- Hardy, Gilbert et al. (See Hornback, Arch E., assignor.)
- Hardy, James Harris, Columbus, Miss. Gauge. 2,003,439; June 4.
- Hardy, John I., Washington, D. C. Device for use in making cross sections of fibers. 2,011,444; Aug. 13.
- Hardy Metallurgical Company. (See Hardy, Charles, assignor.)
- Hardy, René J., Paris, France. System of stroboscopic radiogoniometry. 1,997,111; Apr. 9.
- Hardy, Spicer & Company Limited. (See Sparrow, William B., assignor.)
- Hardy, William A., & Sons Co. (See Dustan, Frank, assignor.)
- Hardy, Woodrow, Long Valley, N. J. Brake. 1,986,728; Jan. 1.
- Haren, Urban C. (See Heldenbrand, C. H., Haren and Slusher.)
- Haren, Urban C., Akron, and J. P. Sapp, Kent, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Feeding device. 2,001,572; May 14.
- Hargens, Julius, Gonzales, Calif. Beet harvesting implement. 1,994,818; Mar. 19.
- Hargrave, Fred M., Cedar Rapids, Iowa. Grader-planer. 1,996,676; Apr. 2.
- Hargrave, Fred M., Cedar Rapids, Iowa. Disk grinding machine. 2,014,327; Sept. 10.
- Hargrave, John M., Cincinnati, Ohio. Screw. 2,016,088; Oct. 1.
- Hargraves, Albert, Silver Lake, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire construction. 1,996,418; Apr. 2.
- Hargreaves, Frederick M., St. Louis, Mo. Tool for removing jar caps. 2,013,209; Sept. 3.
- Hargreaves, Henry, assignor to Hargreaves and Marshall, Providence, R. I. Citrous fruit server. 2,015,142; Sept. 24.
- Hargreaves and Marshall. (See Hargreaves, Henry, assignor.)
- Hargrove, E. T. (See Dewald, Edward A., assignor.)
- Hargrove, George C., Westfield, and W. B. Montgomery, Elizabeth, N. J., assignors, by mesne assignments, to Gasoline Products Company, Inc., Wilmington, Del. Process and apparatus for cracking hydrocarbons. 2,006,571; July 2.
- Harg, John E. (See Buch, H., and Harg.)
- Haring, Berthold G., Valparaiso, Chile, assignor to H. W. Haring, Gerbstedt, Germany. Material for repelling insects. 1,995,247; Mar. 19.
- Haring, Hermann W. (See Haring, Berthold G., assignor.)
- Harkin, Harry B., Ridgefield Park, N. J. Chopping block scraper. 2,015,220; Sept. 24.
- Harkness, Louis T. (See Whalan, J. P., and Harkness.)
- Harkness, William F., London, England. Suction nozzle. 2,022,239; Nov. 26.
- Harlan, Edwin H. W., et al. (See Taylor, Raymond R., assignor.)
- Harle, James A. (See Leeson, B. H., Harle, and Lambert.)
- Harless, Charles A. (See Crafts, C. S., and Harless.)
- Harless, Charles A., and F. G. Tuttle, Oak Park, assignors to The Goss Printing Press Company, Chicago, Ill. Folding machine. 2,014,933; Sept. 17.
- Harless, William H., Patchogue, N. Y. Parking device for automobiles. 2,003,361; June 4.
- Harley, Stanley J., Stivichall, Coventry, England. Form grinding. 2,007,717; July 9.
- Harlitz, Stig J. A. I. (See Haglund, T. R., and Harlitz.)
- Harlow, Earl V., East Orange, N. J., assignor to The Koppers Company of Delaware. Extruded bituminous product. 1,993,343; Mar. 5.
- Harlow, Frederick J. (See Thomas, R. W., and Harlow.)
- Harlow, Ivan F., and C. E. Short, assignors to The Dow Chemical Company, Midland, Mich. Making bromides. 2,007,758; July 9.
- Harlow, James H., Lansdowne, Pa. Tuyère block. 1,989,514; Jan. 29.
- Harlow, Jesse H., Chicago, Ill. Stereoscope. 2,014,527; Sept. 17.
- Harm, George O., Warren, assignor to The Stevens Metal Products Company, Niles, Ohio. Dumping receptacle. 2,019,450; Oct. 29.

- Harm, George O., Warren, assignor to The Stevens Metal Products Company, Niles, Ohio. Automatic loading and unloading truck. 2,019,451; Oct. 29.
- Harman, Hal W., El Paso, Tex. Repairing castings. 2,011,484; Aug. 13.
- Harman, Harold L. (See Jones, P., Jr., and Harmon.)
- Harman, John J., Newton, assignor to Walworth Patents Inc., Boston, Mass. Oil burner. 2,023,072; Dec. 3.
- Harman, John J., Newton, assignor to Walworth Patents Inc., Boston, Mass. Water feeder. 2,023,073; Dec. 3.
- Harman, John J., Flushing, N. Y., assignor to Walworth Patents Inc., Boston, Mass. Burning oil. 2,023,074; Dec. 3.
- Harman, Marion W., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Reacting a mercapto-benzo-thiazole with a carboxylic acid halide. 2,010,000; Aug. 6.
- Harman, Marion W., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Vulcanization of rubber. 2,011,219; Aug. 13.
- Harmon, Dewey E., Dallas Center, Iowa. Combination hair curling instrument. 2,001,904; May 21.
- Harmon, Luther R., Milwaukee, Wis. Headlight proving appliance. 2,001,135; May 14.
- Harmon, Orlin B., Lakewood, assignor to The Midland Steel Products Company, Cleveland, Ohio. Load bearing bracket and securing same. 2,021,780; Nov. 19.
- Harmon, Robert R., Charlottesville, Va., assignor to Peabody Engineering Corporation, New York, N. Y. Apparatus for cleaning gases. 2,007,759; July 9.
- Harms, Fred C., New Rochelle, N. Y. Reflector. 1,989,515; Jan. 29.
- Harms, William A., Davenport, Nebr. Signaling apparatus. 1,997,518; Apr. 9.
- Harnack, Vernon L. (See Bowman, J., and Harnack.)
- Harnden, Emery D., et al. (See Smith, Frank L., assignor.)
- Harnist, Charles, Paris, France. Producing sulphates and sulphur. 1,992,572; Feb. 26.
- Harnsberger, Audley E., assignor to The Pure Oil Company, Chicago, Ill. Composite tube. 2,014,564; Sept. 17.
- Haro, Angel C. (See Chávez, D. L. y. G., González, and Haro.)
- Harold, John J., assignor to R. Hoe & Co. Inc., Irving Trust Company, Receiver, New York, N. Y. Web printing machine. 1,989,689; Feb. 5.
- Haroldson, Arthur, Valparaiso, Ind., assignor to Continental Diamond Fibre Company, Newark, Del. Heat convertible resin and process. 1,999,096; Apr. 23.
- Haroldson, Arthur, Valparaiso, Ind., assignor to Continental Diamond Fibre Company, Newark, Del. Resin. 1,999,097; Apr. 23.
- Harp, Charles B., Los Angeles, Calif. Slit removing head. 1,986,148; Jan. 1.
- Harpen & Vorkauf. (See Vorkauf, Heinrich, assignor.)
- Harper, Augustus E. (See Bailey, A., Harper, and Willis.)
- Harper, Charles C., Havre, Mont. Sharpener device. 2,025,237; Dec. 24.
- Harper, Earle R., Los Angeles, Calif. Optical system. 1,989,317; Jan. 29.
- Harper, Edward A., Atlanta, Ga., assignor to The Texas Company, New York, N. Y. Lubricating mechanism. 2,022,620; Nov. 26.
- Harper Electric Furnace Corporation. (See Harper, R. L., and Macdonald, assignors.)
- Harper, Elmer E., Kansas City, Mo. Dry material agitating and measuring apparatus. 1,996,419; Apr. 2.
- Harper, George W., assignor to The Columbia Axle Company, Cleveland, Ohio. Axle drive lubricating means. 2,015,108; Sept. 24.
- Harper, George W., and A. R. Catto, assignor to The Columbia Axle Company, Cleveland, Ohio. Brake for automotive vehicles. 2,002,813; May 28.
- Harper, Harry, and C. R. Carpenter, Minneapolis, Minn. Coffee making machine. 2,016,281; Oct. 8.
- Harper, Percy S., Croydon, England. Coin-freed machine. 2,025,447; Dec. 24.
- Harper, Ralph A., Harrisburg, Pa. Indicating device. 1,992,028; Feb. 19.
- Harper, Robert O., Manchester, England. Lift for raising motor vehicles and such like for inspection or other purposes. 2,020,357; Nov. 12.
- Harper, Roderick L., and R. Macdonald, Jr., Lewiston, assignors to Harper Electric Furnace Corporation, Buffalo, N. Y. Electric resistor. 2,009,732; July 30.
- Harper, Stirling H. (See Emerson, R. W., and Harper.)
- Harper, William A. (See Frank, H. J. L., and Harper.)
- Harper, William, Jr., Port Washington, N. Y., assignor to H. B. Motor Corporation. Combustion engine. 2,025,202; Dec. 24.
- Harper, William, Jr., Port Washington, N. Y., assignor to H. B. Motor Corporation. Combustion engine. 2,025,203; Dec. 24.
- Harpster, Walter C., Elizabeth, N. J., assignor to Standard Oil Development Company. Apparatus for heat exchange. 2,006,200; June 25.
- Harr, Herman H., Newark, N. J. Method of and apparatus for dispensing beverages. 2,021,305; Nov. 19.
- Harr, Robert R., Takoma Park, Md. Tandem seat. 2,008,448; July 16.
- Harrah, Chester P. (See Harrah, Philip J., assignor.)
- Harrah, Philip J., assignor of one-half to C. P. Harrah, Bloomfield, Ind. Display bler. 1,999,235; Apr. 30.
- Harrap, Eric R., Chorlton-Cum-Hardy, Manchester, assignor to Turner & Newall Limited, Spotland, England. Production of asbestos cement sheets, tiles, and the like. 2,019,852; Nov. 5.
- Harrer, Herbert W., New Washington, Ohio. Wrench. 2,006,073; June 25.
- Harries, Arthur W., Twickenham, assignor to Lynton-Brooke Company Limited, London, England. Paper feed tension mechanism. 1,996,333; Apr. 2.
- Harries, Arthur W., Twickenham, assignor to Lynton-Brooke Company Limited, London, England. Printing machine. 2,007,857; July 9.
- Harrigan, Herman R., Chevy Chase, Md., and J. M. Krauss, assignors to District of Columbia Paper Manufacturing Company, Washington, D. C. Paper manufacture. 1,997,487; Apr. 9.
- Harrington, Alfred L., Rosslyn Farms, Pa., assignor to Pittsburgh Plate Glass Company. Glass rolling apparatus. 2,025,102; Dec. 24.
- Harrington, E. A., trustee. (See Thomas, Victor W., assignor.)
- Harrington, Edward L., assignor to Blaw-Knox Company, Pittsburgh, Pa. Dumping bucket. 1,989,858; Feb. 5.
- Harrington, Edward LeR., assignor to Blaw-Knox Company, Pittsburgh, Pa. Gate. 2,013,306; Sept. 3.
- Harrington, Elliott D. (See Lum, W. O., and Harrington.)
- Harrington, Elliott D., Schenectady, N. Y., assignor to General Electric Company. Protective system for oil burners. 1,985,901; Jan. 1.
- Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Core drill. 1,989,982; Feb. 5.
- Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Roller bit. 2,000,076; May 7.
- Harrington, Leonard E., Long Beach, assignor to Perkins Cementing, Inc., Los Angeles, Calif. Dumping apparatus for oil wells. 2,002,112; May 21.
- Harrington, Lou, San Antonio, Tex. Tile clip. 2,025,983; Dec. 31.
- Harrington, William A., Leichhardt, near Sydney, New South Wales, Australia. Determining wearing qualities of materials. 2,005,521; June 18.
- Harrington, William E., Beaumont, Tex. Well screen. 1,994,344; Mar. 12.
- Harris, A. T., Holding Corporation. (See Harris, Albert T., assignor.)
- Harris, Adelaide B., executrix. (See Harris, Arthur J.)
- Harris, Albert T., New York, N. Y., assignor, by mesne assignments, to A. T. Harris Holding Corporation. Power transmission device. 2,005,740; June 25.
- Harris, Alexander, assignor to Art Metal Works, Inc., Newark, N. J. Cigar lighter. 1,998,838; Apr. 23.
- Harris, Alfred J., Halton County, Ontario, Canada. Latch. 2,021,549; Nov. 19.
- Harris, Arch W., Parma, Ohio. Utilization of waste pickling acids. 1,994,702; Mar. 19.
- Harris, Arthur J., deceased, Paterson, N. J.; A. B. Harris, executrix. Warp sizing. 2,011,632; Aug. 20.
- Harris, Arthur L. and C. L., assignors to L. M. Harris, New Albany, Ind. Rotary display apparatus. 2,005,293; June 18.
- Harris Auto-Car Air Conditioner Corporation. (See Harris, Gordon D., assignor.)
- Harris, Benjamin R. (See Epstein, A. K., and Harris.)
- Harris, Benjamin R. (See Epstein, A. K., Harris, Reynolds, and Sternberg.)
- Harris, Benjamin R. (See Epstein, A. K., Reynolds, and Harris.)
- Harris, Benjamin R., Chicago, Ill. Chemical composition and making the same. 2,009,796; July 30.
- Harris, Benjamin R., Chicago, Ill. Chemical composition. 2,022,766; Dec. 3.
- Harris, Benjamin R., Chicago, Ill. Nitrogen containing esters. 2,023,075; Dec. 3.
- Harris, Benjamin R., Chicago, Ill. Wetting agent. 2,023,387; Dec. 3.
- Harris, Benjamin R., Chicago, Ill. Ester of polyglycerols and producing the same. 2,023,388; Dec. 3.
- Harris, Benjamin R., Chicago, Ill. Margarine and making same. 2,024,355; Dec. 17.
- Harris, Benjamin R., Chicago, Ill. Confection and producing same. 2,024,356; Dec. 17.
- Harris, Benjamin R., Chicago, Ill. Making cake. 2,024,357; Dec. 17.
- Harris, Benjamin R., Chicago, Ill. Ester of hydroxy carboxylic acids. 2,025,984; Dec. 31.
- Harris, Benjamin R., Chicago, Ill. Confection. 2,025,985; Dec. 31.
- Harris, Benjamin R., Chicago, Ill. Improved confection. 2,025,986; Dec. 31.
- Harris, Carl C., Orange, Mass. Eraser. 2,016,715; Oct. 8.
- Harris, Charles L. (See Harris, Arthur L. and C. L.)
- Harris, Charles M. (See Ketel, H., Harris, and Van Der Heuvel.)
- Harris, Charles R. (See Carlisle, P. J., and Harris.)
- Harris, Charles R., Niagara Falls, N. Y., assignor to The E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del. Manufacture of hydrocyanic acid. 2,000,134; May 7.
- Harris, Charles E., and J. L. Fabs, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Stabilization of hydrogen peroxide solutions. 1,995,063; Mar. 19.

- Harris, Clarence D., and T. R. David, Nampa, Idaho. Can closure. 2,021,123; Nov. 12.
- Harris, Cleo, assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Grease discharge device. 2,024,097; Dec. 10.
- Harris, Cleo, Cincinnati, and O. B. Clark, Norwood, assignors to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Can opening device. 1,986,337; Jan. 1.
- Harris, Cyrus W., assignor to A. J. Morrison, an individual, doing business as Morrison Trailer Manufacturing Co., Sacramento, Calif. Flexible coupling. 1,986,149; Jan. 1.
- Harris, D. P. Manufacturing Co. (See Carlson, Oscar A., assignor.)
- Harris, Dale M., assignor of one-half to J. J. Haube, Toledo, Ohio. Skate. 2,025,858; Dec. 31.
- Harris, Edwin. (See Stevenson, Robert, assignor.)
- Harris, Floyd E., Flint, Mich. Heat treating furnace. 2,007,604; July 9.
- Harris, Ford W., assignor to Big Rock Ranch Company, Los Angeles, Calif. Hearse with floor extension. 2,007,425; July 9.
- Harris, Ford W., assignor to Patco Inc., Los Angeles, Calif. Automatic storage type water heater with concentric shells. 2,007,426; July 9.
- Harris, Frank W. (See Tainton, U. C., and Harris.)
- Harris, George N., Pala, Calif. Nut cracker. 1,987,399; Jan. 8.
- Harris, George S., Jr., Boston, assignor to B. H. Benson, Brookline, Mass. Apparatus for blood transfusion. 2,002,008; May 21.
- Harris, Gordon D., Sound Beach, assignor to The Industrial Dryer Corporation, Stamford, Conn. Treatment of tobacco and similar materials. 2,002,060; May 21.
- Harris, Gordon D., Freeport, assignor to Harris Auto-Car Air Conditioner Corporation, New York, N. Y. Air conditioner for automobiles. 2,009,550; July 30.
- Harris, Grove W., et al. (See Beckler, Oakley K., assignor.)
- Harris, Harold F., Durhamville, assignor to Maxwell Steel Vault Company, Oneida, N. Y. Portable burial vault. 2,007,119; July 2.
- Harris, Harold R., Philadelphia, Pa., assignor to Permaflex, Incorporated. Belt for garments and the like articles. 2,013,347; Sept. 3.
- Harris, Harvey L., Chicago, and B. D. Willis, Oak Park, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Signaling system. 2,023,225; Dec. 3.
- Harris, Henry H., Boston, Mass. Heat treating furnace tray. 2,022,283; Nov. 26.
- Harris, Henry H., Boston, Mass. Carburizing box. 2,026,311; Dec. 31.
- Harris, Henry H., Champaign, Ill. Ornamental panel and the like of rustless steel and vitreous enamel. 2,001,725; May 21.
- Harris, Henry J., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling cable. 1,987,442; Jan. 8.
- Harris, Herbert, assignor to A. O. Smith Corporation, Milwaukee, Wis. Copper-containing steel. 1,990,647; Feb. 12.
- Harris, Hyman H., Philadelphia, Pa. Surgical instrument. 2,025,345; Dec. 24.
- Harris, Irving C., Los Angeles, Calif. Tool joint. 1,993,740; Mar. 12.
- Harris, Irving C., Los Angeles, and H. W. Doubrava, Beverly Hills, Calif. Apparatus for transmitting energy. 2,000,173; May 7.
- Harris, James E., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Continuously loaded conductor. 2,017,657; Oct. 15.
- Harris, John McA., Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Treating lubricating oils. 2,025,387; Dec. 24.
- Harris-Jones, Winifred E., San Francisco, Calif. Book-rest for bathtubs and the like. 2,006,169; June 25.
- Harris, Leonard B., Bayside, Long Island, assignor to International Oil Gas Corporation, New York, N. Y. Timed sequence distributing and regulating apparatus. 2,024,690; Dec. 17.
- Harris, Louis H. (See Tower, E. V. J., and Harris.)
- Harris, Louise M. (See Harris, Arthur L. and C. L., assignors.)
- Harris, Mark, New Rochelle, assignor to The Lionel Corporation, New York, N. Y. Toy railroad. 2,008,390; July 16.
- Harris, Mark B., assignor to General Motors Corporation, Detroit, Mich. Vehicle-protecting lock. 2,020,606; Nov. 12.
- Harris, Melvin N., Oakland, Calif. Finger ring. 2,000,228; May 7.
- Harris, Norman L. (See Randall, J. T., Harris, and Ryde.)
- Harris, Oran P., and P. E. Tegarden, Richmond, Ind. Railway spike lock. 1,996,201; Apr. 2.
- Harris, Richard H., Jr., Brooklyn, assignor of one-fourth to A. J. Dunne, Bellerose, N. Y. Device for drawing objects in perspective. 1,986,506; Jan. 1.
- Harris, Romaine R., Alameda, Calif. Steering apparatus for multiwheel vehicles. 1,990,484; Feb. 12.
- Harris, Samuel C. (See Jewett, M. G., and Harris.)
- Harris, Samuel R., U. S. Army, and H. N. Lumm, Dayton, Ohio. Liquid compass. 1,987,621; Jan. 15.
- Harris-Seybold-Potter Company. (See Harrold, Charles W., assignor.)
- Harris-Seybold-Potter Company. (See Harrold, C. W., and Horton, assignors.)
- Harris Seybold Potter Company. (See Lewis, H. I., and Seybold, assignors.)
- Harris Seybold Potter Company. (See Seybold, Frederick W., assignor.)
- Harris Seybold Potter Company. (See Sims, William O., assignor.)
- Harris, Sidney E. (See Christiansen, W. G., and Harris.)
- Harris, Sidney E. (See Christiansen, W. G., Moness, and Harris.)
- Harris, William, Newark, N. J. Match. 2,000,328; May 7.
- Harris, William A., Audubon, N. J., assignor to Radio Corporation of America. Detector. 1,986,812; Jan. 8.
- Harris, William A., Verona, N. J., assignor to Radio Corporation of America. Selective automatic volume control receiver. 2,013,307; Sept. 3.
- Harris, William P., Romford, England. Ticket printing or marking and issuing machine. 2,009,260; July 23.
- Harris, William W., assignor to Continental Motors Corporation, Detroit, Mich. Internal combustion engine. 1,996,919; Apr. 9.
- Harrisburg Steel Corporation. (See Bowers, John F., assignor.)
- Harrisburg Steel Corporation. (See Clausen, Jens, assignor.)
- Harrison, Albina J., et al. (See Plochman, Carl M., assignor.)
- Harrison, Arthur H., Gold Pines, Ontario, Canada. Aeration of slurries. 1,992,208; Feb. 26.
- Harrison, Arthur H., Gold Pines, Ontario, Canada, assignor to Carbonated Lime Processes Limited. Aerating slurries. 1,995,540; Mar. 26.
- Harrison, Charles, et al. (See Snarck, Jack, assignor.)
- Harrison, Charles, Vancouver, British Columbia, Canada. Hose coupling. 2,000,481; May 7.
- Harrison, Charles A., Lockport, N. Y. Manufacture of cellular cores. 1,986,338; Jan. 1.
- Harrison, Charles A., Lockport, N. Y. Heat exchanger. 2,024,521; Dec. 17.
- Harrison, Charles A., and G. W. Gerstung, Lockport, N. Y. Automobile heater. 2,011,856; Aug. 20.
- Harrison, Clare B., et al. (See Camerson, Harvey D., assignor.)
- Harrison, Ellen E. (See Carroll, John D., assignor.)
- Harrison, Frederick A., London, assignor to The United Glass Bottle Manufacturers Limited, London, England. Mold for use on glass-forming machines. 2,018,785; Oct. 29.
- Harrison, Geoffrey B., Ilford, assignor to Dufaycolor Limited, London, England. Color photography. 2,024,522; Dec. 17.
- Harrison, Henry, Conshohocken, Pa. Easel. 1,986,432; Jan. 1.
- Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for making acoustic resistances. 1,991,206; Feb. 12.
- Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phonograph reproducing system. 1,996,511; Apr. 2.
- Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibration absorbing worm. 2,003,440; June 4.
- Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,006,453; July 2.
- Harrison, Isaac, Crosswicks, N. J. Sanding cranberry bogs. 2,015,012; Sept. 17.
- Harrison, James W., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Control of heat exchange. 1,987,933; Jan. 15.
- Harrison, James W., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Reaction chambers for contact masses. 1,992,946; Mar. 5.
- Harrison, James W., Woodbury, N. J., and R. C. Lassiat, Paris, France, assignors to Houdry Process Corporation, Dover, Del. Heat exchange apparatus. 1,987,934; Jan. 15.
- Harrison, Laurence E. (See van Rossem, W. J., and Harrison.)
- Harrison, Laurence E., Long Beach, assignor to Oramold Products Corporation, West Hollywood, Calif. Thermoplastic composition and making the same. 2,020,311; Nov. 12.
- Harrison, Laurence E., Long Beach, assignor to Oramold Products Corporation, West Hollywood, Calif. Plastic impression material. 2,021,058; Nov. 12.
- Harrison, Laurence E., Long Beach, assignor to Oramold Products Corporation, West Hollywood, Calif. Impression material. 2,021,059; Nov. 12.
- Harrison, Leander H., New York, N. Y. Production of printing rolls. 2,014,107; Sept. 10.
- Harrison, Lee S., New Orleans, La. Container closure. 2,015,625; Sept. 24.
- Harrod, Lewis C., Valley Stream, N. Y. Bilge water ejector. 2,023,586; Dec. 10.
- Harrison, Norman, Low Fell, England. Machine for mixing concrete and other granular materials. 1,996,543; Apr. 2.
- Harrison, Norman, Low Fell, England. Machine for mixing concrete and other granular materials. 1,997,519; Apr. 9.

- Harrison, Norman A., Port Chester, N. Y. Fowl-plucking machine. 2,010,988; Aug. 13.
- Harrison, Oscar H., C. E. Swenson, and O. J. Larson, assignors to Mechanics Universal Joint Company, Rockford, Ill. Universal joint. 1,996,996; Apr. 9.
- Harrison, Paul E., Donelson, Tenn., assignor to Du Pont Rayon Company, New York, N. Y. Cover. 1,986,433; Jan. 1.
- Harrison, Paul E., Donelson, Tenn., assignor to Du Pont Rayon Company, New York, N. Y. Process of and apparatus for spinning. 1,986,813; Jan. 8.
- Harrison, Paul E., Donelson, Tenn., assignor to Du Pont Rayon Company, New York, N. Y. Mechanical motion and its use. 1,994,472; Mar. 19.
- Harrison, Paul E., Donelson, Tenn., assignor to Du Pont Rayon Company, New York, N. Y. Manufacture of thread. 1,999,048; Apr. 23.
- Harrison, Paul E., Dover, N. H., assignor to Du Pont Rayon Company, New York, N. Y. Bucket motor. 1,988,490; Jan. 22.
- Harrison, Paul E., Donelson, and I. V. Hitt, Old Hickory, Tenn., assignors to Du Pont Rayon Company, New York, N. Y. Wringing machine. 1,986,434; Jan. 1.
- Harrison, Raymond L., Albuquerque, N. Mex. Scraper. 2,008,178; July 16.
- Harrison, Robert E. W. (See Bergstrum, S. E., Binns, Harrison, and Haas.)
- Harrison, Robert E. W., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,010,361; Aug. 6.
- Harrison, Robert E. W., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Testing apparatus for surface finish. 2,020,548; Nov. 12.
- Harrison, Thomas L., Philadelphia, and F. R. Flounders, Elkins Park, Pa. Automobile automatic backstop brake. 2,021,508; Nov. 19.
- Harrison, Thomas R. (See Brown, R. P., and Harrison.)
- Harrod, Lewis C., Valley Stream, N. Y. Bilge water ejector. 2,015,850; Oct. 1.
- Harrold, Charles W., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Sheet-register. 1,988,791; Jan. 22.
- Harrold, Charles W., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Printing press. 2,002,814; May 28.
- Harrold, Charles W., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Dampening mechanism for printing-presses. 2,002,815; May 28.
- Harrold, Charles W., and C. G. Horton, assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Inking mechanism. 2,022,717; Dec. 3.
- Harrow, Cecil E., Kansas City, Mo. Purifying cream. 1,998,622; Apr. 23.
- Harry, Earl L., Detroit, Mich. Dual purpose wheel construction. 1,988,792; Jan. 22.
- Harry, Gordon W. (See Babitch, A. M., and Harry.)
- Harry, Gordon W., and A. M. Babitch, Flint Mich. Fuel pump. 1,995,507; Mar. 26.
- Harryman, Helma J., Glendale, Calif. Head and back support for a legless seat. 2,005,463; June 18.
- Harsanyi, Eugene. (See Wittenberg, O., and Harsanyi.)
- Harsch, John, Bronze Foundry Co. (See Esser, Martin, assignor.)
- Harsch, John W., Ambler, assignor to Leeds & Northrup Company, Philadelphia, Pa. Producing diffusion alloy cases. 1,999,757; Apr. 30.
- Harshaw Chemical Company, The. (See Harshaw, William J., assignor.)
- Harshaw Chemical Company, The. (See Pine, Paul R., assignor.)
- Harshaw, William J., Shaker Heights, assignor to The Harshaw Chemical Company, Cleveland, Ohio. Metallic composition. 1,986,197; Jan. 1.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Shingle. 1,993,163; Mar. 5.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Building element. 1,993,164; Mar. 5.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Composition shingle. 1,993,165; Mar. 5.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Producing building elements. 1,993,166; Mar. 5.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Art of building material. 1,994,644; Mar. 19.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Apparatus for and method of applying coloring to building material. 1,999,903; Apr. 30.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Apparatus for and method of applying surfacing material to a fabric web. 2,000,077; May 7.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Roofing and siding element. 2,006,270; June 25.
- Harshberger, Norman P., Scarsdale, N. Y., assignor to Bakelite Building Products Co. Inc., New York, N. Y. Building material. 2,009,617; July 30.
- Harshberger, Norman P., Pasadena, Calif., assignor to Bakelite Building Products Co. Inc., New York, N. Y. Roof covering and forming same. 1,994,643; Mar. 19.
- Harshberger, Russell P., Pasadena, Calif. Sharpening device for razor blades. 2,011,279; Aug. 13.
- Harshberger, Norman P., Pasadena, Calif., assignor to Bakelite Building Co., Inc., New York, N. Y. Shingle element. 2,018,718; Oct. 29.
- Hart, Austin H., Long Branch, N. J., assignor, by mesne assignments, to Heating Appliances and Equipment Company, Incorporated. Fin radiator. 1,997,058; Apr. 9.
- Hart-Carter Company. (See Ingraham, Charles C., assignor.)
- Hart, Charles. (See Conway, Martin J., assignor.)
- Hart, Cooley, Highton, Co. (See Bailey, James H., assignor.)
- Hart & Cooley Manufacturing Company. (See Covell, Harold S., assignor.)
- Hart & Cooley Manufacturing Company. (See Covell, H. S., and Lohman, assignors.)
- Hart, George H. (See Cole, H. H., and Hart.)
- Hart, George T., Jr. (See Winkley, E. E., and Hart.)
- Hart, George T., Falls City, Nebr., and J. Severus, Downers Grove, assignors to Western Instrument & Manufacturing Co., Chicago, Ill. Cord severing instrument. 1,993,546; Mar. 5.
- Hart, George T., Jr., and E. E. Winkley, Lynn, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Area measuring machine. 2,002,574; May 28.
- Hart, Harold L. (See Hume, J. T., and Hart.)
- Hart, Harry S. (See Hindahl, David, assignor.)
- Hart, Henry J., West Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,990,784; Feb. 12.
- Hart, Howard P., assignor to The Platt Bros. & Co., Waterbury, Conn. Constant tension winder. 2,018,852; Oct. 29.
- Hart, John C., Houston, Tex. Plant protector. 2,014,175; Sept. 10.
- Hart, John M., West Gouldsboro, Maine. Molded pulp article. 2,023,470; Dec. 10.
- Hart, Lester C., Cleveland, Ohio, assignor to Hi-Voltage Equipment Company. Tilting switch. 2,020,887; Nov. 12.
- Hart, Louis J., New York, N. Y. Captive typewriter eraser. 1,987,476; Jan. 8.
- Hart Manufacturing Company, The. (See Landin, Carl A., assignor.)
- Hart, Raymond S., Fanwood, N. J. Detachable bit for rock drills. 2,005,498; June 18.
- Hart, Robert W., Lynn, assignor to Submarine Signal Company, Boston, Mass. Measuring distance. 1,993,326; Mar. 5.
- Hart, Robert W., Lynn, assignor to Submarine Signal Company, Boston, Mass. Producing an automatic warning signal. 2,009,447; July 30.
- Hart, Robert W., Lynn, assignor to Submarine Signal Company, Boston, Mass. Signaling apparatus. 2,024,219; Dec. 17.
- Hart, Simeon T., and W. A. Marcy, assignors to The Lamson Company, Syracuse, N. Y. Conveyor system. 2,002,009; May 21.
- Hart, Stanley, New Britain, and J. Carlson, Hartford, Conn., assignors to Tuttle & Bailey, Inc., New Britain, Conn. Regulating device for forced air registers. 2,017,407; Oct. 15.
- Hart, William A. (See Halborg, C. J., Hart, and Seibold.)
- Hart, William A., Detroit, Mich., assignor to Colonia Broach Company. Broaching machine for shift rods. 2,008,208; July 16.
- Hartburg, Herman L. (See McDowell, J. T., Hartburg, Rlenks, and Maudru.)
- Hartdorn, Louis G., Forest Hills, N. Y. Temperature controlling apparatus for internal combustion engines. 2,017,967; Oct. 22.
- Hartel, Herman, Milwaukee, Wis., assignor, by mesne assignments, to Lyon Incorporated, Detroit, Mich. Tire cover. 1,991,207; Feb. 12.
- Harter, Charles B. (See Mathey, C. A., and Harter.)
- Harter, Charles J., Dallas, Tex. Strainer. 1,995,850; Mar. 26.
- Harter, Noah S., assignor to Cyclone Fence Company, Waukegan, Ill. Wire mesh fabric. 2,024,796; Dec. 17.
- Harter, Noah S., assignor to Cyclone Fence Company, Waukegan, Ill. Gate closer. 2,025,238; Dec. 24.
- Hartford, Acheson V., San Francisco, Calif. Folding bed davenport. 2,014,893; Sept. 17.
- Hartford, Charles E., Dubuque, Iowa, assignor to National Cornstalk Processes, Inc., Chicago, Ill. Making synthetic lumber. 2,019,452; Oct. 29.
- Hartford-Empire Company. (See Bates, Lloyd G., assignor.)
- Hartford-Empire Company. (See Canfield, Robert W., assignor.)
- Hartford-Empire Company. (See Curtis, Edma H., Jr., assignor.)
- Hartford-Empire Company. (See Eastwood, Harold B., assignor.)
- Hartford-Empire Company. (See Eckert, Fritz, assignor.)
- Hartford-Empire Company. (See Grotta, Sidney S., assignor.)
- Hartford-Empire Company. (See Headley, B. T., and DuBols, assignors.)
- Hartford-Empire Company. (See Hiller, Everett O., assignor.)
- Hartford-Empire Company. (See Honiss, William T., assignor.)

- Hartford-Empire Company. (See Howard, George E., assignor.)
- Hartford-Empire Company. (See Ingle, Henry W., assignor.)
- Hartford Empire Company. (See Kucera, Peter, assignor.)
- Hartford-Empire Company. (See Merrill, Donald G., assignor.)
- Hartford-Empire Company. (See Peiler, Karl E., assignor.)
- Hartford-Empire Company. (See Rowe, George E., assignor.)
- Hartford-Empire Company. (See Smith, Algy J., assignor.)
- Hartford-Empire Company. (See Wadman, Harold A., assignor.)
- Hartford-Empire Company. (See Vaughn, Thomas, Jr., assignor.)
- Hartford-Empire Company. (See Willetts, Paul G., assignor.)
- Hartford, Frank M., Columbus, Ohio. Muffle kiln. 2,010,261; Aug. 6.
- Hartford National Bank and Trust Company, executor. (See Chapman, J. C., and Müller.)
- Hartford Products Corporation. (See Wolcott, Frank E., assignor.)
- Harth, Phillip E., assignor to National Pigments & Chemical Company, St. Louis, Mo. Application of mud-laden fluids to oil or gas wells. 1,991,637; Feb. 19.
- Hartig, Henry E., Robbinsdale, assignor of one-half to H. B. Wilcox, Minneapolis, Minn. Fluid meter. 2,015,933; Oct. 1.
- Hartigan, Richard M., Fort Wayne, Ind., assignor to General Electric Company. Furnace control apparatus. 1,991,248; Feb. 12.
- Harting, Walter, New York, N. Y. Universal folding ladder. 2,024,039; Dec. 10.
- Hartinger, Hans, assignor to firm: Carl Zeiss, Jena, Germany. Instrument for examining convexly curved surfaces. 2,016,750; Oct. 8.
- Hartke, Fritz, assignor to Saureschutz-Gesellschaft m. b. H., Berlin-Altiglienieke, Germany. Draining cock. 2,016,997 Oct. 8.
- Hartke, Fritz, assignor to Saureschutz-Gesellschaft m. b. H., Berlin-Altiglienieke, Germany. Straight way cock. 2,016,998; Oct. 8.
- Hartl, Hans, Milwaukee, Wis. Tool. 1,988,840; Jan. 22.
- Hartley, Alfred J., assignor to Continental Motors Corporation, Detroit, Mich. Clutch. 2,002,943; May 28.
- Hartley, Andrew J., Janesville, Wis. Mat drier. 1,994,100; Mar. 12.
- Hartley, Emmett C., Cleveland, Ohio, assignor to Addressograph Company, Wilmington, Del. Printing machine. 1,992,613; Feb. 26.
- Hartley, Emmett C., Oak Park, Ill., assignor to Addressograph Company, Wilmington, Del. Printing machine. 2,002,737; May 28.
- Hartley, Emmett C., Cleveland, Ohio, assignor to Addressograph Company, Wilmington, Del. Printing machine. 2,022,198; Nov. 26.
- Hartley, George C. (See Wright, E. P. G., Hartley, and Reynolds.)
- Hartley, George D., Worcester, Mass., assignor to W. W. McMinn, Orange, N. J. Golf club and shaft therefor. 2,007,970; July 16.
- Hartley, Henry J., Hastings-Upson-Hudson, N. Y., assignor to Nichols Engineering and Research Corporation, New York, N. Y. Treating sewage or similar material. 2,015,052; Sept. 17.
- Hartley, Howard J. (See Place, J. W., Aschenbach, and Hartley.)
- Hartley, Howard J., Lansdale, and E. Aschenbach, Sellersville, Pa., assignors to United States Gauge Company, New York, N. Y. Indicating instrument. 2,015,474; Sept. 24.
- Hartley, John G., Wayne, Pa. Building up battered rail ends. 2,018,258; Oct. 22.
- Hartley, John G., Wayne, Pa. Apparatus for heating rails. 2,018,259; Oct. 22.
- Hartley, Joseph A., assignor to Braun Corporation, Los Angeles, Calif. Hydrometer. 2,006,549; July 2.
- Hartley, Lowell J., Schenectady, N. Y., assignor to General Electric Company. Transmission of sound and pictures. 2,022,505; Nov. 26.
- Hartley, Ralph V. L., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency changing device. 2,010,665; Aug. 6.
- Hartley, Thomas W., Seisdon, near Wolverhampton, England. Machine for straightening rods or pipes. 2,016,038; Oct. 1.
- Hartman, Ernest F., Kenilworth, and W. F. Whitmore, Amityville, N. Y., assignors to Protexol Corporation, Kenilworth, N. J. Composition for impregnating wood and other cellulosic materials. 1,994,073; Mar. 12.
- Hartman, Frank E., assignor of one-third to F. H. Montgomery, and one-third to W. R. Montgomery, Chicago, Ill. Drying of printing inks. 1,993,404; Mar. 5.
- Hartman, Frank E., assignor of one-third to F. H. Montgomery and one-third to W. R. Montgomery, Chicago, Ill. Ozone generator. 2,010,081; Aug. 6.
- Hartman, Frank O., Mansfield, Ohio, assignor, by mesne assignments, to Universal Neon Equipment Company. Oscillating motor circuit controller. 2,025,859; Dec. 31.
- Hartman, Harry B., Buffalo, N. Y. Air dehydrating apparatus. 1,986,814; Jan. 8.
- Hartman, Harry B., Buffalo, N. Y. Ozone generator. 1,991,668; Feb. 19.
- Hartman, Harry B., Buffalo, N. Y. Method of and apparatus for purifying water. 2,009,230; July 23.
- Hartman, Harry B., Buffalo, N. Y. Fluid mixing apparatus. 2,009,231; July 23.
- Hartman, Howard W., South Williamsport, and J. F. Brown, Williamsport, Pa.; said Brown assignor to said Hartman. Electrical conduit system. 2,017,861; Oct. 22.
- Hartman, Howard W., South Williamsport, and J. F. Brown, Williamsport, Pa.; said Brown assignor to said Hartman. Electrical conduit system. 2,018,303; Oct. 22.
- Hartman, Noble W., assignor, by mesne assignments, of one-half to D. E. W. Bay, Toledo, Ohio. Mill hopper. 1,989,415; Jan. 29.
- Hartman, Noble W., assignor, by mesne assignments, of one-half to D. E. W. Bay, Toledo, Ohio. Power tool. 1,989,416; Jan. 29.
- Hartman Trunk Company. (See Ritter, Julius, Jr., assignor.)
- Hartman, William W., Los Angeles, Calif. Synchronous slicer and wrapper feed. 2,006,550; July 2.
- Hartman, William W., Los Angeles, Calif. Feed conveyer. 2,006,551; July 2.
- Hartmann, August. (See Hoefinghoff, W., and Hartmann, assignors.)
- Hartmann, August, Berlin-Lichterfelde, W. Hoefinghoff, Hohenlimburg Obernahrner, and G. Bauriedel and W. Ostermann, Wuppertal-Barmen, Germany, assignors to American Bemberg Corporation, New York, N. Y. Continue process and apparatus. 2,002,994; May 28.
- Hartmann, August, Berlin-Lichterfelde, W. Hoefinghoff, Hohenlimburg Obernahrner, and A. Luchtenberg and H. Kempf, Wuppertal-Barmen, Germany, assignors to American Bemberg Corporation, New York, N. Y. Continue process apparatus. 2,002,995; May 28.
- Hartmann, August, Berlin-Lichterfelde, W. Hoefinghoff, Hohenlimburg Obernahrner, and K. Meyer-Gaus, Wuppertal-Elberfeld-Ronsdorf, Germany, assignors to American Bemberg Corporation, New York, N. Y. Process and apparatus for the treatment of artificial silk. 2,020,057; Nov. 5.
- Hartmann, Fridolin. (See Winter, E., and Hartmann.)
- Hartmann, Karl F., assignor of one-half to M. J. Doyle, San Francisco, Calif. Electric water heater. 2,013,914; Sept. 10.
- Hartmann, Max, Riehen near Basel and A. Wettstein, Basel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Purifying the hormone of the corpus luteum. 2,011,337; Aug. 13.
- Hartmann Trunk Company. (See Ritter, Julius, Jr., assignor.)
- Hartmann Trunk Company. (See Thiss, Hoyt, assignor.)
- Hartridge, Harry J. (See Shepherd, W., Saunders, and Hartridge.)
- Harts, Charles E., Wichita, Kans. Valve control. 1,993,167; Mar. 5.
- Hartshorne, William P., Darlington Township, Deaver County, Pa. Chock block apparatus. 2,014,565; Sept. 17.
- Hartsock, Guy M., assignor by mesne assignments to The Studebaker Corporation, South Bend, Ind. Freewheeling transmission. 2,010,718; Aug. 6.
- Hartson, Earl S., Los Angeles, Calif. Friction ring and clamping means therefor. 1,994,819; Mar. 19.
- Hartson, Rowe L., Galveston, Tex. Telephone enclosure and support. 2,007,858; July 9.
- Hartt, Robert A., Lynn, Mass., assignor, by mesne assignments, to Griess, Pfleger & Company, Inc., Cincinnati, Ohio. Method of and machine for applying reinforcing strip material. 2,002,452; May 21.
- Hartung, Corda, Lansdowne, Pa. Stirrer device. 1,999,564; Apr. 30.
- Hartung, Walter H., Baltimore, Md., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Amino alcohols and the production thereof. 1,989,093; Jan. 29.
- Hartung, Walter H., Baltimore, Md., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Hydroxyphenylpropanolamine hydrochloride. 1,995,709; Mar. 26.
- Hartung, Walter H., Baltimore, Md., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Hydroxyphenylaliphaoximinolalkyl ketone and preparing same. 1,995,710; Mar. 26.
- Hartung, William R., Des Moines, Iowa. Tank heater. 1,995,508; Mar. 26.
- Hartwell, George F., Corvallis, Oreg. Cow tail holder. 1,995,453; Mar. 26.
- Hartwell, Ralf L. (See Kingman, R. B., and Hartwell.)
- Hartwell, Sidney J., West Allis, Wis. Bottle cap remover. 1,993,141; Mar. 5.
- Hartwig, Carl E., Bayonne, N. J., assignor to The Barrett Company, New York, N. Y. Purification of tar acids. 1,991,979; Feb. 19.
- Hartwig, Carl E., Bayonne, N. J., assignor to The Barrett Company, New York, N. Y. Improving the odor and color of tar acids. 2,011,633; Aug. 20.
- Harty, Edgar A., Marblehead, Mass., assignor to General Electric Company. Rectifier unit for electrolysis control. 2,023,226; Dec. 3.
- Hartzell, Forest H., Dayton, Ohio. Container for cards. 2,007,859; July 9.

- Hartzell, Herman L., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Electrical condenser. 1,986,339; Jan. 1.
- Hartzell, Herman L., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Electrical condenser. 1,999,874; Apr. 30.
- Hartzell Industries, Inc. (See Ovenhausen, Franz, assignor.)
- Hartzell, Samuel A., assignor of one-half to W. C. Duncan, Chicago, Ill. Retard switch. 1,995,541; Mar. 26.
- Hartzell, Samuel I., and L. Franke, St. Louis, Mo. Cutter head guard for shaping machines. 2,008,391; July 16.
- Harvel Corporation, The. (See Damitz, Frederick M., assignor.)
- Harvel Corporation, The. (See Harvey, Mortimer T., assignor.)
- Harvell, Robert, Tallahassee, Fla. Automobile headlight. 2,023,471; Dec. 10.
- Harvey, Albert, Santa Barbara, Calif. Optical device. 1,990,867; Feb. 12.
- Harvey, Arthur R., assignor to The Gardner-Richardson Company, Middletown, Ohio. Paper manufacture. 2,007,470; July 9.
- Harvey, Carl L., and L. A. Frayer, assignors to R. H. Smith, Kent, Ohio. Making nut blanks. 2,015,596; Sept. 24.
- Harvey, Douglas J., Nutley, N. J. Buckle. 2,004,406; June 11.
- Harvey, Edward W., Highland Park, N. J., assignor to The Barrett Company, New York, N. Y. Treatment of liquids with ammonia. 2,023,199; Dec. 3.
- Harvey, Ellery H., Highland Park, Ill., assignor to Perkins Glue Company. Vegetable glue and making the same. 2,006,164; June 25.
- Harvey, Frank, Covington, Ky., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electrical conducting system. 2,004,527; June 11.
- Harvey, Frederic A., and R. E. Birch, assignors to Harbison-Walker Refractories Company, Pittsburgh, Pa. Magnesia refractory. 2,026,088; Dec. 31.
- Harvey, George L., assignor to Sutherland Paper Company, Kalamazoo, Mich. Partition or separator unit. 2,013,240; Sept. 3.
- Harvey, Harold C., Trenton, N. J. Composite flooring material. 2,004,723; June 11.
- Harvey, Harold C., assignor to Harvey Paper Products Co., Sturgis, Mich. Liner for sink strainers. 2,025,281; Dec. 24.
- Harvey, Leo M., Los Angeles, Calif. Strap tying machine. 1,988,730; Jan. 22.
- Harvey, Leo M., Los Angeles, Calif. Band tying machine. 1,989,669; Feb. 5.
- Harvey, Leo M., Los Angeles, Calif. Tying machine. 1,995,347; Mar. 26.
- Harvey, Leo M., Los Angeles, Calif. Tying machine. 1,996,202; Apr. 2.
- Harvey, Leo M., Los Angeles, Calif. Auxiliary windshield for motor cars. 2,001,420; May 14.
- Harvey, Leo M., Los Angeles, Calif. Mounting for wind deflectors or the like. 2,005,783; June 25.
- Harvey, Leo M., Los Angeles, Calif. Bottle cap remover. 2,005,784; June 25.
- Harvey, Leo M., Los Angeles, Calif. Paper toweling. 2,023,357; Dec. 3.
- Harvey, Louis B., Buffalo, assignor to W. S. MacCumber, Buffalo, N. Y. Tendering meat. 2,008,326; July 16.
- Harvey, Maxwell B. (See Kerns, A. U., and Harvey.)
- Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Adhesive. 2,004,370; June 11.
- Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Distillation of marking nut shell liquid and products therefrom. 2,016,282; Oct. 8.
- Harvey, Nathan R., Woodside, New York, assignor to Laval A. Cowen, New York, N. Y. Vending machine. 2,023,955; Dec. 10.
- Harvey Paper Products Co. (See Harvey, Harold C., assignor.)
- Harvey, Paul D., Chicago, Ill. Marine reduction and reverse gear unit. 2,023,584; Dec. 10.
- Harvey, Paul D., Chicago, Ill. Reverse gear unit. 2,023,585; Dec. 10.
- Harvey, Peter H., assignor of one-half to J. Cullen, Yonkers, N. Y. Ornamental screen. 2,019,347; Oct. 29.
- Harvey, Theodore C., Philadelphia, Pa. Dump wagon. 1,998,317; Apr. 16.
- Harvey, Theodore C., Philadelphia, Pa. Dump wagon. 1,999,837; Apr. 30.
- Harvey, Theodore C., Philadelphia, Pa. Dump wagon. 2,004,754; June 11.
- Harvey, Theodore C., Philadelphia, Pa. Dump wagon. 2,004,755; June 11.
- Harvey, Theodore C., Philadelphia, Pa. Dump wagon. 2,016,143; Oct. 1.
- Harvey, Theodore R. (See Gilpin, Clinton D., assignor.)
- Harvey, Thomas, Toronto, Ontario, Canada. Electric water heater. 1,994,765; Mar. 19.
- Harvey, William A., et al. (See Williams, Robert O., assignor.)
- Harwood, Asa J., Richmond, Ind., assignor to The Atlas Underwear Company, Piqua, Ohio. Underwear. 2,018,668; Oct. 29.
- Harwood, H., & Sons, Inc. (See Hawes, Edward H., assignor.)
- Harwood, John, Harrow, England. Timepiece. 2,023,322; Dec. 3.
- Hasbrook, John V. A., Hinsdale, assignor to Chicago Carton Company, Chicago, Ill. Display box. 1,992,069; Feb. 19.
- Hasbrouck, Harold S., Boonton, N. J., and E. H. Hubert, New York, N. Y. Steam heater for motor vehicles. 1,986,893; Jan. 8.
- Hasbrouck, Stephen A. (See Willgoos, A. V. D., and Hasbrouck.)
- Hasche, Rudolph L., Red Bank, N. J., assignor to Carbonic Development Corporations. Manufacture of solid carbon dioxide. 2,011,550; Aug. 13.
- Hasche, Rudolph L., Milwaukee, Wis., assignor to Carbonic Development Corporation. Manufacture of solid carbon dioxide. 2,011,551; Aug. 13.
- Hasche, Rudolph L., Whitefish Bay, assignor to A. O. Smith Corporation, Milwaukee, Wis. Concentration of formaldehyde. 2,015,180; Sept. 24.
- Hasche, Rudolph L., Whitefish Bay, assignor to A. O. Smith Corporation, Milwaukee, Wis. Apparatus for plastic molding. 2,016,860; Oct. 8.
- Hasche, Rudolph L., Red Bank, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Compression of corrosive gases. 2,017,408; Oct. 15.
- Hasche, Rudolph L., Milwaukee, and A. Gudmundsen, Wauwatosa, Wis. Unit air cooler. 2,016,428; Oct. 8.
- Hase, August, and M. Hase, Sheboygan, Wis. Game. 2,017,536; Oct. 15.
- Hase, Marie. (See Hase, August and M.)
- Haselau, Otto K., New York, N. Y. Shaft connecting mechanism. 2,011,147; Aug. 13.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 2,000,078; May 7.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Draft and buffer gear. 2,017,206; Oct. 15.
- Haselton, Merton L., assignor to The Teleregister Corporation, New York, N. Y. Electrical signaling. 1,997,774; Apr. 16.
- Haselton, Merton L., Rye, N. Y., and R. M. Hicks, Plainfield, N. J., assignors to The Teleregister Corporation, New York, N. Y. Limit order device. 1,992,945; Mar. 5.
- Haselwood, Willis E., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Volume control circuit. 2,024,446; Dec. 17.
- Hashimoto, Kisuake, Tanaka, Shitaya Ku, Tokyo, Japan. Vehicle stabilizing device. 1,990,941; Feb. 12.
- Haskell, Harold M., Nashua, N. H., and S. M. Paterson, Brookline, assignor of one-half to J. F. McElwain Co., Boston, Mass., and one-half to Melville Shoe Corporation, New York, N. Y. Foot and last measuring machine. 1,986,758; Jan. 1.
- Haskell, Howze, assignor to James River Paper Products, Inc., Richmond, Va. Machine for making paper bags. 2,014,497; Sept. 17.
- Haskell, Robert K., U. S. Army, and Harold C. Mann, Watertown, Mass. Variable speed tension impact machine. 2,022,666; Dec. 3.
- Haskell, Roy A., Waukegan, assignor to Fansteel Products Company, Inc., North Chicago, Ill. Bimetallic articles of manufacture. 2,014,566; Sept. 17.
- Haskin, Joseph J., Oakland, Calif. Fish pole holder. 2,003,535; June 4.
- Haskins, Butler J., assignor to Joseph Weidenhoff, Inc., Chicago, Ill. Work-centering clamp. 1,987,294; Jan. 8.
- Haskins, Butler J., assignor to Joseph Weidenhoff, Inc., Chicago, Ill. Compensated coil testing apparatus. 1,990,485; Feb. 12.
- Haskins, Butler J., assignor to Joseph Weidenhoff, Inc., Chicago, Ill. Condenser resistance tester. 1,990,486; Feb. 12.
- Haskins, Butler J., assignor to Joseph Weidenhoff, Inc., Chicago, Ill. Coil-testing apparatus. 1,990,487; Feb. 12.
- Haskins, Butler J., assignor to Joseph Weidenhoff, Inc., Chicago, Ill. Starting motor and battery circuit analyzer. 1,993,444; Mar. 5.
- Haskins, Clifford B. (See Brenden, C. E., and Haskins.)
- Haskins, Clifford B. (See Gilbert, W. N., and Haskins.)
- Haskins, Clifford B., Dayton, Ohio, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Scale. 1,997,176; Apr. 9.
- Haskins, Clifford B., Dayton, Ohio, assignor by mesne assignments to International Business Machines Corporation, New York, N. Y. Scale. 2,010,666; Aug. 6.
- Haskins, Gerald, Wabroonga, near Sydney, New South Wales, and S. T. Farnsworth, Vaucluse, near Sydney, New South Wales, assignor to Haskins Patent Pipe Linings Limited, Sydney, Australia. Apparatus for lining pipes in situ with cement mortar. 2,026,470; Dec. 31.
- Haskins Patent Pipe Linings Limited. (See Haskins, G., and Farnsworth, assignors.)
- Haskins, Rupert L. (See Fleming, W. K., and Haskins.)
- Haslam, Robert T., Westfield, N. J., assignor to Standard I. G. Company. Treating hydrocarbon oils. 1,988,731; Jan. 22.
- Haslauer, Adolf, East Orange, N. J. Vacuum tube electrode. 1,995,178; Mar. 19.
- Hasler A.-G. vormals Telegraphenwerkstatt von Hasler. (See Kohler, Ulrich, assignor.)
- Hasler, Armin, R. Meyer, and J. Schäfer, assignors to the Swiss firm J. R. Geigy S. A., Basel, Switzerland. Manufacture of alkali metal salts of naphthalene-1-sulphonic acid. 1,992,481; Feb. 26.
- Haslett Warehouse Co. (See Lake, Albert, assignor.)

- Hass, Henry B., assignor to Purdue Research Foundation, West Lafayette, Ind. Deinking paper. 1,990,376; Feb. 5.
- Hass, Henry B., and E. T. McBee, assignor to Purdue Research Foundation, West Lafayette, Ind. Chlorination process and product thereof. 2,004,072; June 4.
- Hass, Henry B., and E. T. McBee, assignors to Purdue Research Foundation, West Lafayette, Ind. Chlorinating propane and its partially chlorinated derivatives. 2,004,073; June 4.
- Hass, Paul O., Beloit, Wis. Thickener for pulp stock or the like. 1,993,214; Mar. 5.
- Hassel, Justus L., Stockholm, Sweden. Liquid compass. 2,019,411; Oct. 29.
- Hassel, Karl E., Chicago, Ill., assignor, by mesne assignments, to Zenith Radio Corporation. High frequency communicating system. 2,021,060; Nov. 12.
- Hasselbach, Alexander, Dessau, Germany. Heat exchange apparatus. 2,003,649; June 4.
- Hasselbaum, Oscar, Dorchester, assignor to R. S. Robie, Melrose, Mass. Ignition system. 1,998,990; Apr. 23.
- Hasselmann, Otto, Weisbaden, Germany. Auxiliary device for pistols. 1,989,448; Jan. 29.
- Hasselstrom, Torsten, New York, N. Y. Refined "sulphate black liquor" tallol and making the same. 1,986,815; Jan. 8.
- Hasselstrom, Torsten, New York, N. Y. Flotation process. 1,986,816; Jan. 8.
- Hasselstrom, Torsten, New York, N. Y. Flotation reagent. 1,986,817; Jan. 8.
- Hassenfeld, Jack, Providence, R. I. Two compartment display box and blank for use in the manufacture thereof. 2,010,149; Aug. 6.
- Hassler, Franz, Hamburg-Volksdorf, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Synthetic tans. 2,012,928; Aug. 27.
- Hassler, Robert H., Old Westbury, N. Y., assignor to Gro-Flex Corporation, Indianapolis, Ind. Massage machine. 1,997,059; Apr. 9.
- Hassman, Fred A. (See Nenninger, L. F., and Hassman.)
- Hasson, Horace J., Cleveland, Ohio. Method of making plowshares. 2,016,089; Oct. 1.
- Hastings, Benjamin, Brentwood, Md. Pencil. 1,997,363; Apr. 9.
- Hastings, Donald F., Fairlawn, assignor to Hardwick, Hindle, Inc., Newark, N. J. Resistance device and unit therefor. 2,021,509; Nov. 19.
- Hastings, Harold P., assignor to Crouse-Hinds Company, Syracuse, N. Y. Electric plug and socket. 2,002,177; May 21.
- Hastings, Herbert, Brighton, N. Y. Thermometer. 1,991,553; Feb. 19.
- Hastings, Herbert, Brighton, N. Y. Thermometer. 2,019,221; Oct. 29.
- Hastings, Herbert, Brighton, N. Y. Hygrometer. 2,019,222; Oct. 29.
- Hastings, Roger W., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for air conditioning apparatus. 1,995,805; Mar. 26.
- Hasty, William R., assignor of one-half to H. E. and H. F. Fields, Atlanta, Ga. Device for removing concrete molds. 1,990,905; Feb. 12.
- Haswell, Arthur B., Birmingham, Ala. Guiding and cooling rolled metal. 1,998,192; Apr. 16.
- Haswell, Arthur B., Birmingham, Ala. Cleaning gas. 2,014,044; Sept. 10.
- Hatala, John. (See Sera, S., and Hatala.)
- Hatch, Charles T., assignor to Union Steel Products Company, Albion, Mich. Shelving for ovens, refrigerators, and like compartments. 1,989,275; Jan. 29.
- Hatch, Hugh B., Dunedin, Fla., assignor to Food Machinery Corporation, San Jose, Calif. Fruit coloring room. 2,000,637; May 7.
- Hatch, Meredith R. (See Rode, F. J., and Hatch.)
- Hatch, Meredith R. (See Seidel, A., and Hatch.)
- Hatch, Meredith R., Toledo, assignor of one-half to G. R. Corrigan, Sylvania, Ohio. Food cutter. 2,013,801; Sept. 10.
- Hatch, Meredith R., and A. H. Schloz, assignors to The Toledo Machine & Tool Company, Toledo, Ohio. Toggle press. 1,993,839; Mar. 12.
- Hatch, Merwyn R., Baltimore, Ohio. Handle carton. 2,006,454; July 2.
- Hatch, Orval C., assignor of one-half to Standard Chair Company, Union City, Pa., and one-half to American Chair Company, Sheboygan, Wis. High chair. 1,990,027; Feb. 5.
- Hatch, Ross A., Chelmsford, Mass. Package. 1,986,263; Jan. 1.
- Hatch, William A., Ashtabula, assignor to Gross Photo Supply Company, Toledo, Ohio. Insert holding device. 1,987,061; Jan. 8.
- Hatchel, Byrd, Oklahoma City, Okla. Gauge glass. 1,992,425; Feb. 26.
- Hatcher, Charles M. (See Hatcher, C. E., Christensen, and Hatcher.)
- Hatcher, Craig E., M. Christensen, and C. M. Hatcher, Victoria, Tex.; said Christensen and said C. E. Hatcher assignors to said C. M. Hatcher. Valve mechanism. 2,011,812; Aug. 20.
- Hatchman, Milton E., Chicago, Ill. Vaporizing, mixing, and feeding means. 1,993,168; Mar. 5.
- Hatfield, Arthur E., Toronto, Ontario, Canada. Dry cleaning. 1,990,691; Feb. 12.
- Hatfield, Joe. (See Weiland, Frank E., assignor.)
- Hatfield Wire & Cable Co. (See Yanchenko, Basil J., assignor.)
- Hathaway, Chester W. (See Condé, L., and Hathaway.)
- Hathaway, Clarence B., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Laminated pole piece. 1,991,092; Feb. 12.
- Hathaway, Clarence B., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Power supply system for electric shovels and the like. 2,003,688; June 4.
- Hathaway, Edgar F., Wellesley, assignor to Shawmut Engineering Company, Dorchester, Mass. Yarn spool. 2,020,243; Nov. 5.
- Hathaway, Edgar F., Wellesley, and W. Bixby, Dorchester, Mass. Rug display mechanism. 2,009,797; July 30.
- Hathaway, Edgar F., Wellesley, and W. Bixby, Dorchester, Mass. Rug display apparatus. 2,009,798; July 30.
- Hathaway, Edgar F., Wellesley, and W. Bixby, Dorchester, Mass. Apparatus for displaying rugs and the like. 2,009,799; July 30.
- Hathaway, Edgar F., Wellesley, and W. Dixby, Dorchester, Mass. Machine for placing tuft yarns. 2,022,858; Dec. 3.
- Hathaway, Edgar F., Wellesley, and W. Bixby, Dorchester, Mass. Yarn spooling mechanism. 2,026,170; Dec. 31.
- Hathorn, Charles E., Hempstead, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Control lever and shafting. 1,990,990; Feb. 12.
- Hathorn, Charles E., Hempstead, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Muffler. 1,997,298; Apr. 9.
- Hathorn, Charles E., Hempstead, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Access opening for use in aircraft construction. 2,002,944; May 28.
- Hathorn, Charles E., Hempstead, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Strut fairing bracket. 2,017,207; Oct. 15.
- Hathorn, Charles E., Hempstead, N. Y., assignor to Curtiss Aeroplane & Motor Company. Tail wheel. 2,021,306; Nov. 19.
- Hathorn, Charles E., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Retractable landing gear operating means. 2,021,307; Nov. 19.
- Hathorn, Charles E., Hempstead, N. Y., assignor to Curtiss Aeroplane & Motor Company. Retractable landing gear. 2,025,743; Dec. 31.
- Hathorn, Charles E., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Method of and apparatus for electric spot welding. 2,025,744; Dec. 31.
- Hatot, Léon, Paris, France. Self winding watch. 2,021,777; Nov. 19.
- Hatten, Harry W., Chicago, Ill. Collapsible container. 2,020,834; Nov. 12.
- Hatton, John A., Bellingham, Wash. Precious metal amalgamator. 2,010,989; Aug. 13.
- Hatton, William, L. B. Haigh, and J. R. A. F. Escande, Paris, France, assignors to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 2,020,466; Nov. 12.
- Haub, George R., Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Apparatus for forming plates. 2,001,460; May 14.
- Haub, George R., Crafton, Pa. Glass feeder. 2,020,143; Nov. 5.
- Haube, Jesse J. (See Harris, Dale M., assignor.)
- Haubold, C. G., A.-G. (See Tandel, Karl F., assignor.)
- Hauck, Alois, Vienna, Austria. Window and the like. 2,026,384; Dec. 31.
- Hauck, Cornelius J. (See Williamson, Larkin R., assignor.)
- Hauck, Richard J., Milwaukee, Wis. Protector cap. 2,011,897; Aug. 20.
- Haucke, Oswin, Brooklyn, N. Y. Alignment indicator. 2,025,051; Dec. 24.
- Haudenschild, Harry, Maumee, Ohio. Can opener. 2,025,103; Dec. 24.
- Hauer, Arthur W., Cicero, Ill. Toe protector. 2,002,662; May 28.
- Hauerken, George H., trustee. (See McMillan, Wesley K., assignor.)
- Hauf, Julius H., Chicago, Ill. Duplicator. 1,987,622; Jan. 15.
- Haug, Friedrich, Stuttgart-Munster, Germany, assignor to Beker Perkins Company, Inc., Saginaw, Mich. Apparatus for cooling hot biscuits. 2,006,919; July 2.
- Haug, Friedrich, Stuttgart-Munster, Germany, assignor to Beker Perkins Company, Inc., Saginaw, Mich. Device for cleaning and greasing conveyer bands. 2,018,719; Oct. 29.
- Haug, John S., assignor to United Engineers and Constructors, Inc., Philadelphia, Pa. Jointed ash pan for combustible gas generators. 2,001,274; May 14.
- Haug, Louis A., Dubuque, Iowa. Rocker. 2,008,611; July 16.
- Haug, Richard J., Nashua, N. H. Storm window and screen hanger. 2,002,738; May 28.
- Hauge, Andrew, Claremont, N. H., assignor to Sullivan Machinery Company. Loading machine. 2,007,109; July 2.
- Haugh, Raymond R., assignor, by mesne assignments, to Kraft Egg Machine Company, Chicago, Ill. Testing color of egg yolks. 2,004,943; June 18.

- Haugh, Raymond R., assignor, by mesne assignments, to Kraft Egg Machine Company, Chicago, Ill. Method and apparatus for testing egg quality. 2,007,195; July 9.
- Haugh, Raymond R., assignor, by mesne assignments, to Kraft Egg Machine Company, Chicago, Ill. Egg grading. 2,007,196; July 9.
- Haughey, Frank E., assignor to said F. E. Haughey and M. A. Haughey, his wife, as tenants by the entireties, Philadelphia, Pa. Inspection tag for fire extinguishers. 2,001,679; May 14.
- Haughey, Martha A. (See Haughey, Frank E., assignor.)
- Haughey, Theodore P., Accomac, Va., assignor to H. H. Brown, New York, N. Y. Treating vegetable fibers and product resulting therefrom. 1,986,970; Jan. 8.
- Haugland, Erling, assignor of two-thirds to Asbjörn E. Ulfeng, Brooklyn, N. Y. Vehicle squeak locator. 2,018,649; Oct. 22.
- Hauk, Joseph, Muskego, Wis., assignor to The American Steel and Wire Company of New Jersey. Fastener for bale ties and the like. 1,994,704; Mar. 19.
- Hauk, Joseph, Muskego, assignor to P. C. Read, Milwaukee, Wis. Bottle conveyer drive mechanism. 1,998,757; Apr. 23.
- Haulton, Thomas, Johnstown, Pa. Razor. 2,019,077; Oct. 29.
- Haumann, George. (See Tallquist, A. A., and Haumann.)
- Haumann, George, assignor to The Coe Manufacturing Company, Painesville, Ohio. Clipper. 2,005,824; June 25.
- Haun, Joye C., Manhattan Beach, Calif. Plug installation for lubricated valves. 2,012,427; Aug. 27.
- Hauzn, Charles F., Buffalo, N. Y. Battery separator. 2,001,421; May 14.
- Hauzn, Charles F., Buffalo, N. Y. Manufacture of metal oxides. 2,017,150; Oct. 15.
- Hauzn, Charles F., Buffalo, assignor of one-third to A. McGary, and one-third to G. R. Berger, New York, N. Y. Storage battery plate. 2,023,170; Dec. 3.
- Haupt, Hans, Berlin-Steglitz, Germany. Telescopic umbrella. 1,996,960; Apr. 9.
- Haupt, Wallace H. (See Robinson, J. F., Chicote, and Haupt.)
- Haury, George W., Chicago, Ill. Valve washer. 2,008,101; July 16.
- Hause, Daniel M. (See Imler, G. C., and Hause.)
- Hausen, Helmuth, Solin by Munich, and L. Meyer, Pullach by Munich, Germany, assignors to The Linde Air Products Company. Air conditioning system. 1,994,515; Mar. 19.
- Hauser, Adalbert, New York, N. Y. Thrust screw connector. 2,000,947; May 14.
- Hauser & Co., G. m. b. H. (See Albeck, Albert, assignor.)
- Hauser, Fred, White Plains, N. Y. Hair waving pad. 2,018,127; Oct. 22.
- Hauser, Fred, Pasadena, Calif. Valve timing device. 2,019,008; Oct. 29.
- Hauser, Friedrich, assignor to Carl Zeiss, Jena, Germany. Microscope having a deviated path of imaging rays. 1,987,776; Jan. 15.
- Hauser, Friedrich, assignor to firm Carl Zeiss, Jena, Germany. Revolving nose-piece for microscopes. 1,996,920; Apr. 9.
- Hauser, Friedrich, and G. Réinert, assignors to the firm of Carl Zeiss, Jena, Germany. Diaphragm system for microscope condensers. 1,988,946; Jan. 22.
- Hauser, Hermann, Basel, and M. Bommer, Riehen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Anthraquinone derivative and process of making same. 1,995,806; Mar. 26.
- Hauser, Hermann, Basel, and M. Bommer, Riehen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Anthraquinone derivative and making same. 2,002,264; May 21.
- Hauser, Michael, Augsburg, Germany. Electrical overload circuit breaker. 1,990,122; Feb. 5.
- Hauserman, E. F., Company, The. (See Balch, Thomas V., assignor.)
- Hauserman, E. F., Company, The. (See Bohnsack, John A., assignor.)
- Hauserman, E. F., Company, The. (See Bohnsack, J. A., and Balch, assignors.)
- Hauserman, E. F., Company, The. (See Goddard, Alvin C., assignor.)
- Hauserman, E. F., Company, The. (See Hansen, Conrad T., assignor.)
- Hauserman, E. F., Company, The. (See Hauserman, E. F. and Bohnsack, assignors.)
- Hauserman, Earl F., and J. A. Bohnsack, Cleveland Heights, assignors to The E. F. Hauserman Company, Cleveland, Ohio. Wiring system for metal walls. 2,012,852; Aug. 27.
- Haushalter, Fred L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Fluid sealing expansion joint. 2,001,573; May 14.
- Hausman, Abraham, Brooklyn, assignor to Hillcrest Mills, Inc., New York, N. Y. Forming a knit fabric. 2,011,538; Aug. 13.
- Hausman, George J., Cincinnati, Ohio. Connector. 1,991,669; Feb. 19.
- Hausse, Richard H. (See Marty, M. J., and Hausse.)
- Hausser, Anthony A. (See Hausser, Carl A. and A. A.)
- Hausser, Carl A. and A. A., Philadelphia, Pa. Cover plate for hemacytometers. 1,986,058; Jan. 1.
- Hausser, Eugène, Lyon, France. Knitting machine. 1,989,318; Jan. 29.
- Hauton, Paul S., Atlanta, Ga. Mechanical pencil. 2,008,789; July 23.
- Hauton, Paul S., Atlanta, Ga. Mechanical pencil. 2,015,673; Oct. 1.
- Hautz, Edward H., Lakewood, Ohio. Sewage aerating apparatus. 2,023,924; Dec. 10.
- Havas, Emeric, South Milwaukee, Wis., assignor to E. I. duPont de Nemours & Company, Wilmington, Del. Preparation of phenyl mercaptans and intermediates therefor. 1,993,663; Mar. 5.
- Havas, Emeric, South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitrite compound of 2-chloro-6-nitrobenzaldimercurioide. 1,996,005; Mar. 26.
- Havas, Emeric, South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. 2-chloro-6-nitrobenzaldimercurioide. 1,996,006; Mar. 26.
- Havas, Emeric, South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of 2-chloro-6-nitrobenzaldoxime. 1,996,007; Mar. 26.
- Havelas, Evangel A., Los Angeles, Calif. Restaurant check holder. 2,020,355; Nov. 12.
- Havener, Arthur R., Wayland, assignor to Judson L. Thomson Manufacturing Co., Waltham, Mass. Tool handle. 1,993,170; Mar. 5.
- Havens, Charles M., Los Angeles, assignor of one-eighth to D. I. Kirkman, Bakersfield, one-eighth to F. C. Havens, Los Angeles, and one-eighth to C. E. Ruggles, and one-fourth to I. Ruggles, San Francisco, Calif. Self-adjustable clipper. 2,024,220; Dec. 17.
- Havens, Franklin C., et al. (See Havens, Charles M., assignor.)
- Haverkamp, Arthur W. (See White, H. E., and Haverkamp.)
- Haverstick, Earl J., Oakmont, Pa., assignor to Westinghouse Electric & Manufacturing Company. Measuring moisture content of fibrous materials. 1,991,093; Feb. 12.
- Haviland, Arnold, Defiance, Ohio. Universal muffler coupling. 1,995,542; Mar. 26.
- Haviland, Harold K., East Orange, N. J., assignor to Celluloid Corporation. Decorative foil. 2,020,684; Nov. 12.
- Havill, Clinton H., South Orange, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism. 2,005,655; June 18.
- Havill, Clinton H., South Orange, assignor to Eclipse Aviation Corporation, East Orange, N. J. Fluid pump. 2,016,831; Oct. 8.
- Havill, Clinton H., assignor to Eclipse Aviation Corporation, East Orange, N. J. Propeller. 2,019,965; Nov. 5.
- Havill, Clinton H., assignor to Eclipse Aviation Corporation, East Orange, N. J. Propeller. 2,019,966; Nov. 5.
- Havill, Clinton H., South Orange, assignor to Bendix Research Corporation, East Orange, N. J. Supercharger. 2,020,180; Nov. 5.
- Havill, Clinton H., South Orange, and M. Mansson, assignors to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 1,990,283; Feb. 5.
- Havill, Clinton H., and A. S. Walton, assignors to Eclipse Aviation Corporation, East Orange, N. J. Propeller. 2,008,865; July 23.
- Havins, John L. (See Fleming, C. F., and Havins.)
- Hawaiian Canneries Company. (See Horner, Albert, assignor.)
- Hawaiian Canneries Company. (See Taylor, Robert B., assignor.)
- Hawes, Edward H., assignor to H. Harwood & Sons, Inc., Natick, Mass. Baseball. 1,994,703; Mar. 19.
- Hawgood, Harvey R. (See Gnotwald, C., and Hawgood.)
- Hawie, Michael, Greens Farms, Conn. Hose supporter. 2,005,622; June 18.
- Hawke, Allen E., Detroit, Mich. Jar holder. 2,014,108; Sept. 10.
- Hawke, Clarence E. (See Benner, R. C., Easter, and Hawke.)
- Hawker, Landis W., Dayton, Ohio, assignor, by mesne assignments, to Dictaphone Corporation, New York, N. Y. Dictating machine. 1,996,374; Apr. 2.
- Hawker, Roland G., Troy, N. Y. Valve sealing apparatus. 1,993,479; Mar. 5.
- Hawker, Roland G., Troy, N. Y. Bibb seating tool. 2,018,554; Oct. 22.
- Hawkes, Thomas B., Champlain, N. Y., assignor of one-half to The Sheridan Iron Works, and one-half to T. W. & C. B. Sheridan Company. Cutting machine. 2,017,622; Oct. 15.
- Hawkins, Charles A., San Francisco, Calif. Vehicle suspension. 2,023,135; Dec. 3.
- Hawkins, Griffin T., et al. (See Broussard, Charles J., assignor.)
- Hawkins, Henry H., Onondaga, Mich. Air friction type governor. 2,021,006; Nov. 12.
- Hawkins, Orle A., Lamar, Colo. Yucca blade splitting machine. 1,989,983; Feb. 5.
- Hawkins, Paul, Company. (See Hahn, Harry W., assignor.)
- Hawkins, Paul E. (See Larsen, N. P., Holan, and Hawkins.)
- Hawkins, Percival W. (See Snow, F. S., and Hawkins.)

- Hawkins, Russell S. (See Abraham, L. G., Mitchell, and Hawkins.)
- Hawkins, Walter L., St. Louis, Mo., assignor, by mesne assignments, to Oakes Products Corporation, Detroit, Mich. Spare wheel or tire lock. 1,991,208; Feb. 12.
- Hawkins, Walter L., St. Louis, Mo., assignor, by mesne assignments, to Oakes Products Corporation, Detroit, Mich. Spare wheel or tire lock. 1,991,209; Feb. 12.
- Hawkins, Wilford J., Claiborne, Md., and W. B. Bronander Montclair, N. J., assignors to The Lakewest Corporation Milk bottle capping. 2,007,369; July 9.
- Hawkins, William F. (See Quinn, F. P., Horrobin, and Hawkins.)
- Hawkins, William M., Tacoma, Wash. Protecting trees from insect pests. 1,994,101; Mar. 12.
- Hawkinson, Alfred T., Niagara Falls, N. Y., assignor to The E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del. Purification of hydrogen peroxide. 2,017,440; Oct. 15.
- Hawkinson, Charles H., Chicago, Ill. Fishing apparatus. 1,996,704; Apr. 2.
- Hawkinson, Howard W., Rochester, N. Y. Hairpin. 2,014,328; Sept. 10.
- Hawley, Charles G., Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio. Scrubber. 2,004,467; June 11.
- Hawley, Charles G., Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio. Centrifugal separator. 2,004,468; June 11.
- Hawley, Charles G., Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio. Internal ejector. 2,013,607; Sept. 3.
- Hawley, Charles W., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of dicarboxylic acid esters. 2,020,356; Nov. 12.
- Hawley, Jesse B. (See Sloan, Edward C., assignor.)
- Hawley, Jesse B., Geneva, Ill. Sound reproducing diaphragm. 2,006,830; July 2.
- Hawley, Jesse B., Geneva, Ill. Globe and making the same. 2,006,831; July 2.
- Hawley, Jesse B., Geneva, Ill. Sound reproducing diaphragm and making the same. 2,013,955; Sept. 10.
- Hawley, Jesse B., Geneva, Ill. Making sound reproducing diaphragms. 2,017,496; Oct. 15.
- Hawley, Kent A., assignor to Locke Insulator Corporation, Baltimore, Md. Conductor clamp. 1,997,143; Apr. 9.
- Hawley, Kent A., assignor to Locke Insulator Corporation, Baltimore, Md. Grading ring. 2,007,141; July 2.
- Hawley, Kent A., assignor to Locke Insulator Corporation, Baltimore, Md. Shielded cemented type insulator. 2,023,808; Dec. 10.
- Hawley, Kent A., assignor to Locke Insulator Corporation, Baltimore, Md. Releasing clamp. 2,025,346; Dec. 25.
- Hawley, Robert C., assignor to Lavine Gear Company, Milwaukee, Wis. Steering gear brake. 2,012,006; Aug. 20.
- Hawley, Roy D., Oakland, Calif. Towel dispenser. 1,988,732; Jan. 22.
- Hawn, Ralph A., Birmingham, Mich., assignor to The Ceramic Drill Company. Drilling tool. 1,994,516; Mar. 19.
- Haworth Securities Corporation. (See Laise, Clemens A., assignor.)
- Hawthorne, Roy R. (See Kilmer, F. B., and Hawthorne.)
- Hawhurst, John J., assignor to Hayward Manufacturing Company, Inc., Brooklyn, N. Y. Oil burner. 2,022,284; Nov. 26.
- Hay, Walter, Sandusky, Ohio. Universal joint chain. 2,004,321; June 11.
- Hay, William B., Portland, Maine. Rack. 1,994,195; Mar. 12.
- Hayakawa, Yaichi, Chicago, Ill. Air cooling and washing device. 2,009,921; July 30.
- Hayashida, Ichi, Ishihara-machi, Honjo-ku, Tokyo, Japan. Combined double-color mechanical pencil and fountain pen. 2,025,661; Dec. 24.
- Hay City Shovels, Inc. (See Kerr, John M., assignor.)
- Haycock, George W., Bankhead, Rutherglen, and D. Campbell, Glasgow, Scotland. Automatic control mechanism for variable speed gear boxes. 2,021,550; Nov. 19.
- Hayden, Albert P. (See Gleason, G. A., and Hayden.)
- Hayden, Arthur C., Nantucket, assignor of one-half to A. Hemenway, Canton, Mass. Auxiliary window closure. 2,026,128; Dec. 31.
- Hayden, David H., Brooklyn, N. Y. Grapple or grab hook. 1,995,509; Mar. 26.
- Hayden, David H., Brooklyn, N. Y. Tie for concrete forms. 1,997,638; Apr. 16.
- Hayden, Fred, Nutley, N. J. Amphibious vehicle. 1,992,913; Feb. 26.
- Hayden, Harold P., Woodbridge, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Roofing and producing. 2,016,429; Oct. 8.
- Hayden, Howard A., Detroit, Mich. Self locking nut. 2,003,591; June 4.
- Hayden, Lester N., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Chute structure. 2,010,515; Aug. 6.
- Hayden, Lester N., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Attaching machine. 2,015,033; Sept. 17.
- Hayden, Oliver M. (See Bolton, E. K., and Hayden.)
- Hayden, Sydney, Hampstead, London, England. Embossed picture and producing it. 2,005,719; June 25.
- Haydon, Arthur W., Waterbury, Conn. Electric motor. 1,996,375; Apr. 2.
- Haydon, Arthur W., Hinsdale, Ill. Electric motor and clock mechanism. 2,000,516; May 7.
- Haydon, Arthur W., and A. Reichenbach, Waterbury, Conn., said Reichenbach, assignor to said Haydon. Electric clock. 1,999,692; Apr. 30.
- Haydon, Osborne. (See Scholz, H. A., and Haydon.)
- Hayes, Benjamin. (See Lawrence, B. E., and Hayes.)
- Hayes, Carl I., Cranston, assignor to Harold C. Field, Providence, R. I. Multiple furnace. 2,000,664; May 7.
- Hayes-Donahue Company. (See Kiessling, Max, assignor.)
- Hayes, F. D., Electric Company. (See Green, Mason V.)
- Hayes, Frank A., Middletown, N. J. Variable speed transmission mechanism. 1,986,264; Jan. 1.
- Hayes, Frank D., trustee. (See Green, Mason V., assignor.)
- Hayes, Harvey C., Washington, D. C. Method and apparatus for determining the force of gravity. 1,995,305; Mar. 26.
- Hayes, Harvey C., Washington, D. C. Apparatus for determining the force of gravity. 2,000,948; May 14.
- Hayes, Harvey C., Washington, D. C. Magneto-strictive sound generator. 2,005,741; June 25.
- Hayes, Harvey C., Washington, D. C. Sound detecting apparatus. 2,008,713; July 23.
- Hayes, Harvey C., Washington, D. C. Sound receiver. 2,015,674; Oct. 1.
- Hayes Industries, Inc. (See Hamilton, Alexander C., assignor.)
- Hayes, James H. (See Ranney, Leo, assignor.)
- Hayes, Michael J., et al. (See Juergens, John, assignor.)
- Hayes, Murray O. (See Wilson, Leroy A., assignor.)
- Hayes, Stanley W., assignor to Hayes Track Appliance Company, Richmond, Ind. Bumper post. 2,022,767; Dec. 3.
- Hayes, Timothy A. J., Boston, Mass. Ignition circuit. 2,016,494; Oct. 8.
- Hayes Track Appliance Company. (See Hayes, Stanley W., assignor.)
- Hayes, William F., assignor to The Ganier Fibre Products Company, Detroit, Mich. Automobile roof construction. 2,018,444; Oct. 22.
- Hayhurst, Colbert G., Sioux Falls, S. Dak. Safety razor. 2,018,304; Oct. 22.
- Hayler, Arthur F. (See De Wind, N., and Hayler.)
- Haylett, Robert E., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Production of lubricating oil. 1,988,793; Jan. 22.
- Hayman, Milton E., West Hartford, Conn. Building blocks. 1,985,992; Jan. 1.
- Haymond, Earl, Waldron, Ind. Clothes hanger support. 1,995,980; Mar. 26.
- Hayn, Fritz, Erfenschlag, near Chemnitz, Germany. Advertising apparatus. 2,009,772; July 30.
- Hayner, Burdette L., Troy, N. Y. Hydrant. 2,020,181; Nov. 5.
- Haynes, Charles F., Weatherford, Tex., assignor of one-half to E. M. Schenecker, Fort Worth, Tex. Electric fan. 2,000,386; May 7.
- Haynes, George, Cisco, Tex. Potato cutter. 1,991,554; Feb. 19.
- Haynes, George P., assignor to Robins Dry Dock and Repair Co., Brooklyn, N. Y. Air register. 1,998,235; Apr. 16.
- Haynes, Harold L., deceased, by P. C. Haynes, administratrix, West Chicago, Ill., assignor to P. C. Haynes, Control mechanism. 2,024,162; Dec. 17.
- Haynes, Oscar C., et al. (See Frazier, Orville Z., assignor.)
- Haynes, Phyllis C., administratrix. (See Haynes, Harold L., assignor.)
- Haynes, Robert B., F. Keener, and A. L. Hill, assignors to Fabrics, Incorporated, Burlington, N. C. Circlet looping machine. 2,010,591; Aug. 6.
- Haynes Stellite Company. (See Wissler, William A., assignor.)
- Haynes Stellite Company. (See Wissler, W. A., and Miller, assignors.)
- Haynes Stellite Company. (See Woods, Gorham W., assignor.)
- Hays, Albert B. (See Thomas, H. T., and Hays.)
- Hays, Clifton E., Pawtucket, R. I. Textile machinery. 2,009,317; July 23.
- Hays, Clifton E., assignor of one-third to W. W. Orswell, one-sixth to M. A. Sutcliffe, Pawtucket, and one-sixth to A. A. Sutcliffe, Lincoln, R. I. Color and shade comparator. 2,015,675; Oct. 1.
- Hays, Clyde C., Waco, Tex. Sewage treating process. 1,991,896; Feb. 19.
- Hays, Robert J., Kingsland, Ark. Fruit jar lifter. 2,001,346; May 14.
- Hays, Roy W., South Bend, Ind. Tool. 2,015,109; Sept. 24.
- Hayssen, William A., Sheboygan, Wis. Conveyor mechanism for machines for handling bread. 2,022,911; Dec. 3.
- Hayward, Arnold P., Bellevue, and T. E. Purcell, Pittsburgh, Pa. Signal system. 1,988,841; Jan. 22.
- Hayward, Clarence B., Nutley, N. J., assignor to Mayhew Steel Products, Inc., Shelburne Falls, Mass. Tape coiling. 1,992,947; Mar. 5.
- Hayward, Edmund P., Mount Gilead, N. C., and W. Lehman, assignors to Bucyrus-Erie Company, South Milwaukee, Wis. Earth moving car. 2,009,448; July 30.

- Hayward, Irving M., Brooklyn, N. Y. Oil burner. 2,022,285; Nov. 26.
- Hayward Manufacturing Company. (See Hawxhurst, John J., assignor.)
- Hayward, Ralph A., assignor to Kalamazoo Vegetable Parchment Co., Parchment, Mich. Paper and method of making. 1,987,901; Jan. 15.
- Hayward, Ralph B., LaGrange, Ill. Reel. 2,023,171; Dec. 3.
- Hayward, Ralph B., LaGrange, Ill. Reed. 2,023,172; Dec. 3.
- Hayward, Sterling P., Montclair, assignor to H-B Wrist Snapper, Inc. Device for use in playing athletic games, sports or in fly-casting, etc. 2,011,362; Aug. 13.
- Haywood, Ella R. (See Eppens, Herman F., assignor.)
- Hazard Advertising Corporation. (See Leglang, Mack, assignor.)
- Hazard, Charles S., Flushing, N. Y., assignor to Neptune Meter Company. Fluid meter. 2,008,500; July 16.
- Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Cut-off for meters. 2,012,563; Aug. 27.
- Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Rotor mounting for meters. 2,023,587; Dec. 10.
- Hazard, Charles S., Flushing, N. Y., and W. H. McGarry, Medford, Mass., assignors to Neptune Meter Company. Water heating system. 2,006,948; July 2.
- Hazard, George E., et al. (See Worth, L. M., and King, assignors.)
- Hazard, James O., Franklin, Tenn. Seed planter. 1,993,169; Mar. 5.
- Hazel-Atlas Glass Company. (See Algeo, Albert M., assignor.)
- Hazel-Atlas Glass Company. (See Algeo, John S., assignor.)
- Hazel-Atlas Glass Co. (See Algeo, J. S., and Williams, assignors.)
- Hazel-Atlas Glass Co. (See Beeson, Arthur W., assignor.)
- Hazel-Atlas Glass Co. (See Brady, Hugh S., assignor.)
- Hazel-Atlas Glass Company. (See Brickell, Harry S., Jr., assignor.)
- Hazel-Atlas Glass Company. (See Fithian, Lon, assignor.)
- Hazel-Atlas Glass Company. (See Flint, Francis C., assignor.)
- Hazel-Atlas Glass Co. (See Greene, Michael A., assignor.)
- Hazel-Atlas Glass Company. (See Haub, George R., assignor.)
- Hazel-Atlas Glass Company. (See Meharg, Laurence, assignor.)
- Hazel-Atlas Glass Company. (See Noll, John J., assignor.)
- Hazel-Atlas Glass Company. (See Roberts, J. H., and Achauer, assignors.)
- Hazel-Atlas Glass Company. (See Ross, James W., assignor.)
- Hazel-Atlas Glass Company. (See Schaffer, G., and Jardine, assignors.)
- Hazel-Atlas Glass Company. (See Schwab, John C. E., assignor.)
- Hazel-Atlas Glass Company. (See Spence, James E., assignor.)
- Hazel-Atlas Glass Co. (See Stenhouse, Thomas, assignor.)
- Hazel-Atlas Glass Co. (See Stenhouse, Thomas and D., assignors.)
- Hazel-Atlas Glass Company. (See Wiesner, Henry, assignor.)
- Hazel-Atlas Glass Co. (See Williams, John J., assignor.)
- Hazel-Atlas Glass Company. (See Williams, J. J., and Bauman, assignors.)
- Hazeley, Edward. (See Topham, C. F., Hazeley and Morton.)
- Hazell, Eardley. (See Peaker, C. R., and Hazell.)
- Hazell, Eardley, New York, N. Y., assignor to Revere Rubber Company, Providence, R. I. Rubber covering for spinning rolls. 1,988,491; Jan. 22.
- Hazell, Eardley, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Rubber-fabric material. 1,992,665; Feb. 26.
- Hazeltine Corporation. (See Case, Nelson P., assignor.)
- Hazeltine Corporation. (See Lewis, Harold M., assignor.)
- Hazeltine Corporation. (See Huxtable, Clyde K., assignor.)
- Hazeltine Corporation. (See Johnson, John K., assignor.)
- Hazeltine Corporation. (See MacDonald, William A., assignor.)
- Hazeltine Corporation. (See Senauke, Alexander, assignor.)
- Hazeltine Corporation. (See Swinyard, William O., assignor.)
- Hazeltine Corporation. (See Wheeler, Harold A., assignor.)
- Hazeltine Corporation. (See Wheeler, H. A., and Case, assignors.)
- Hazelton, Arthur L., Fort Lyon, Colo. Lamp shade. 1,986,059; Jan. 1.
- Hazelton Corporation. (See Johnson, John K., assignor.)
- Hazelton-DeBevoise, Inc. (See Perillat, Charles D., assignor.)
- Hazelton, George, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon shoe parts. 2,021,958; Nov. 26.
- Hazelton, George, C. H. James, and W. I. Bacon, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 2,017,151; Oct. 15.
- Hazelton, Robert T., assignor to The Cincinnati Shaper Company, Cincinnati, Ohio. Shearing machine. 2,024,287; Dec. 17.
- Hazle, Albert J., Jr., assignor to B. F. Gump Co., Chicago, Ill. Vibrating screen. 2,010,858; Aug. 13.
- Hazlett, Raymond R., Linden, and W. J. Alexander, Nutley, N. J. Removable cartridge for electric soldering irons. 2,014,567; Sept. 17.
- Hazlinger, John, Middlesex Boro., N. J. Rotary pump. 2,010,761; Aug. 6.
- Hazzard, Richard G., Grand Rapids, Minn. Automatic weather strip. 1,994,645; Mar. 19.
- H'Doubler, Charles W., and G. I. Mills, Springfield, Mo. Typewriting machine or the like. 1,987,230; Jan. 8.
- Head, George B., Freer, Tex. Oil saver and sucker rod stripper. 2,026,036; Dec. 31.
- Head, Percy H., Attenborough, assignor to Xetal Products Limited, Long Eaton, near Nottingham, England. Porous rubberized fabric and producing same. 2,004,110; June 11.
- Head, Robert, Yonkers, N. Y. Transmission for automobiles and the like. 1,986,265; Jan. 1.
- Headen, Lucean A., Cleveland, Ohio, assignor to National Oil Manifolds, Inc., Wilmington, Del. Vaporizer. 2,017,497; Oct. 15.
- Headington, Florence E., Iowa City, Iowa. Book, chart, and reference holder. 2,003,746; June 4.
- Headley, Benjamin T., and D. I. Du Bois, Millville, N. J., assignors, by mesne assignments, to Hartford-Empire Company, Hartford, Conn. Glass working machine. 2,013,463; Sept. 3.
- Headley, Wayne N. (See Allen, E. R., Headley, and Slegel.)
- Headley, Wayne N., Livingston, and A. Siegel, Hillside, assignors to Krebs Pigment & Color Corporation, Newark, N. J. Organic coloring material comprising an azo compound and natural gums and balsams as a substratum. 2,013,099; Sept. 3.
- Headley, Wayne N., Livingston, and A. Siegel, Hillside, assignors to Krebs Pigment & Color Corporation, Newark, N. J. Azo lake and pigment. 2,013,100; Sept. 3.
- Heald Machine Company, The. (See Archea, Walter D., assignor.)
- Heald Machine Company, The. (See Blood, Harold L., assignor.)
- Heald Machine Company, The. (See Blood, H. L., and Burns, assignors.)
- Heald Machine Company, The. (See Booth, C., and Einstein, assignors.)
- Heald Machine Company, The. (See Guild, W. J., and Ostlund, assignors.)
- Heald Machine Company, The. (See Highberg, Carle J., assignor.)
- Heald Machine Company, The. (See Schmidt, William D., assignor.)
- Healey, Cecil J., et al. (See Walters, Ben O., assignor.)
- Healey, Florence E., et al. (See Walters, Ben O., assignor.)
- Healey, James E., Oakland, Calif. Spark plug. 1,992,071; Feb. 19.
- Healis, George A., assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Electric circuit interrupter. 2,000,442; May 7.
- Healis, George A., Philadelphia, and H. C. Graves, Jr., East Bradford Township, Chester County, assignors to I-T-E Circuit Breaker Company, Philadelphia, Pa. Electric circuit controller. 1,999,565; Apr. 30.
- Healy, Eugene H., Vineland, N. J. Ticket punching and stamping machine. 1,999,928; Apr. 30.
- Healy, Frank, Sandwich, Ontario, Canada. Faucet. 1,995,098; Mar. 19.
- Healy, Raymond, Cold Springs, N. Y. Spraying apparatus. 1,991,388; Feb. 19.
- Heaney, Mark F., Laurelton, assignor of one-half to G. A. Sables, Mount Kisco, N. Y. Toy and like device with rocking and rolling movement. 1,992,070; Feb. 19.
- Heaney, William A., assignor to Locke Regulator Company, Salem, Mass. Regulator. 2,018,555; Oct. 22.
- Heany, John A., and H. St. Laurent, New Haven, Conn., assignor, by direct and mesne assignments, to Radio Research Laboratories Inc. Regenerative system and operating the same. 2,002,201; May 21.
- Hearn, August C., assignor to Gleason Works, Rochester, N. Y. Method of and machine for relieving gear cutters. 2,001,021; May 14.
- Hearn, Joseph H., assignor of one-half to T. W. Shearer, Montrose, Colo. Battery tool. 2,009,048; July 23.
- Hearing, Elmer E., assignor to Kennedy-Hearing Company, Philadelphia, Pa. Single staying machine cutter. 1,986,633; Jan. 1.
- Hearn, Guy. (See Lambert, Dudley J., assignor.)
- Hearn, Mary F., Raleigh, N. C. Hosiery. 1,999,929; Apr. 30.
- Hearn, Richard B., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control circuit. 2,018,494; Oct. 22.
- Hearson, Charles, & Company, Limited. (See Brain, A. H., and Timmins, assignors.)
- Heath, Albert R. N., Chiswick, London, assignor of one-half to Benton & Stone Limited, Birmingham, England. Lid for bottles and other receptacles. 1,997,520; Apr. 9.

- Heath, Albert, assignor to R. F. Weisbrenner, Chicago, Ill. Table construction. 2,004,696; June 11.
- Heath, Albert R. N., assignor of one-half to M. Hicks, London, England. Hydraulic transmission apparatus. 2,015,626; Sept. 24.
- Heath, Almon A., Hawthorne, Calif. Stencil cutting sheet. 1,989,922; Feb. 5.
- Heath, Amos E., Washington, D. C. Winding and reeling device. 2,008,612; July 16.
- Heath, Delos P., Detroit, Mich. Refrigerant evaporator device. 2,012,666; Aug. 27.
- Heath, Delos P., Detroit, Mich. Heat exchanger. 2,021,995; Nov. 26.
- Heath, Frank M., Silver Spring, Md. Valve or bulb for flush tanks. 1,997,728; Apr. 16.
- Heath, Herbert E., and G. W. Moore, Butte, Mont. Combined tool box and foot rest. 2,019,853; Nov. 5.
- Heath, John, Forest Gate, London, England. Adjustable sliding seat. 2,010,633; Aug. 6.
- Heath, Laurence R., Sterling, Ill. Muffler. 2,013,956; Sept. 10.
- Heath, Sheldon B. (See Barstow, E. O., Heath, and Minger.)
- Heath, Sheldon B., assignor to The Dow Chemical Company, Midland, Mich. Making ammonium chloride. 1,987,572; Jan. 8.
- Heath, Sheldon B., assignor to The Dow Chemical Company, Midland, Mich. Calcium chlorate-calcium chloride mixed product. 1,991,325; Feb. 12.
- Heath, Sheldon B., and M. F. Ohman, assignors to The Dow Chemical Company, Midland, Mich. Preparation of iodine from impure silver iodide. 1,998,014; Apr. 16.
- Heath, Sheldon B., and W. Fry, assignors to The Dow Chemical Company, Midland, Mich. Intensified hydrochloric acid. 2,011,579; Aug. 20.
- Heath, Spencer, Elkridge, assignor to The American Propeller Company, Baltimore, Md. Making propellers. 2,012,389; Aug. 27.
- Heath, Webster L., Webster Groves, Mo. Antisnoring device. 2,010,485; Aug. 6.
- Heath, William C., Milwaukee, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Conveyor system. 1,994,646; Mar. 19.
- Heath, William C., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Conveyor for production lines. 1,999,657; Apr. 30.
- Heating Appliances and Equipment Company. (See Hart, Austin H., assignor.)
- Heating Unit Corporation. (See Boyles, Carroll H., assignor.)
- Heating Ventilating & Air Conditioning Co. (See Smith, Leonard C., assignor.)
- Heaton, Herman C., Kenilworth, Ill. Hydraulic brake. 1,998,811; Apr. 23.
- Heaton, Herman C., Kenilworth, Ill. Ignition system. 2,005,992; June 25.
- Heaton, Herman C., Kenilworth, Ill. Transmission system. 2,023,524; Dec. 10.
- Heaton, Wallace. (See Foulis, W. V., and Heaton.)
- Heaton, Wilma O., Oakland, Calif. Applicator. 2,002,144; May 21.
- Heaulme, Henri, Paris, France. Apparatus for presenting advertisement-pictures and others. 2,004,111; June 11.
- Heavens, Fred J. (See Roe, W. C., and Heavens.)
- Heavey, Thomas J., U. S. Army, Fort Riley, Kans. Gun mount. 1,986,818; Jan. 8.
- Hebbel, Konrad. (See Schneider, W., and Hebbel.)
- Hebbinghaus, Helmut, Tente, Germany. Furniture caster with footplate. 2,025,448; Dec. 24.
- Hebebrand, George H., St. Louis, Mo. Driving mechanism for producing gyratory movement. 2,003,441; June 4.
- Hebeler, Ludwig. (See Specketer, H., and Hebeler.)
- Heberlein & Co., A. G. (See Bornhauser, Oskar, assignor.)
- Heberlein, George, Jr., Wattwil, Switzerland, assignor to Heberlein Patent Corporation, New York, N. Y. Improved transparent fabric and producing same. 2,026,129; Dec. 31.
- Heberlein, Georges, Wattwil, Switzerland, assignor to Heberlein Patent Corporation, New York, N. Y. Novel artificial silk effects and producing same. 1,998,576; Apr. 23.
- Heberlein, Georges, Wattwil, Switzerland, assignor to Heberlein Patent Corporation, New York, N. Y. Novel artificial silk effects and producing the same. 1,998,577; Apr. 23.
- Heberlein, Georges, Wattwil, Switzerland, assignor to Heberlein Patent Corporation, New York, N. Y. Novel artificial silk effects and producing the same. 1,998,578; Apr. 23.
- Heberlein, Georges, Wattwil, Switzerland, assignor to Heberlein Patent Corporation, New York, N. Y. Novel artificial silk effects and producing same. 1,998,579; Apr. 23.
- Heberlein, Georges, Wattwil, Switzerland, assignor to Heberlein Patent Corporation, New York, N. Y. Making durable wool like artificial silk. 2,019,183; Oct. 29.
- Heberlein Patent Corporation. (See Bodmer, A., and Weiss, assignors.)
- Heberlein Patent Corporation. (See Heberlein, George, Jr., assignor.)
- Heberlein Patent Corporation. (See Heberlein, Georges, assignor.)
- Heberlein Patent Corporation. (See Kagi, Rudolph H., assignor.)
- Hebl, William O., Chatham Borough, assignor to Charles Engelhard, Inc., Newark, N. J. Gas analysis apparatus. 2,012,231; Aug. 20.
- Hechenbleikner, Ingenium, assignor to Chemical Construction Corporation, Charlotte, N. C. Manufacture of phosphoric acid. 1,990,233; Feb. 5.
- Hechenbleikner, Ingenium, assignor to Chemical Construction Corporation, Charlotte, N. C. Apparatus for the treatment of a gas by a liquid. 2,000,443; May 7.
- Hechenbleikner, Ingenium, assignor to Chemical Construction Corporation, Charlotte, N. C. Method of and apparatus for bringing a liquid and a gas into intimate contact or mixture. 2,000,444; May 7.
- Hechenbleikner, Ingenium, assignor to Chemical Construction Corporation, Charlotte, N. C. Making concentrated sulphuric acid or oleum. 2,001,359; May 14.
- Hechenbleikner, Ingenium, Charlotte, N. C., assignor, by mesne assignments, to Chemical Construction Corporation. Process and apparatus for manufacture of nitric acid. 2,004,000; June 4.
- Hechenbleikner, Ingenium, assignor to Chemical Construction Corporation, Charlotte, N. C. Reclaiming pickling solution. 2,006,693; July 2.
- Hechenbleikner, Ingenium, assignor to Chemical Construction Corporation, Charlotte, N. C. Treatment of sulphur bearing ores. 2,009,733; July 30.
- Hechenbleikner, Ingenium, assignor to Chemical Construction Corporation, Charlotte, N. C. Manufacture of SO₂ gas. 2,021,725; Nov. 19.
- Hechenbleikner, Ingenium, Charlotte, N. C., assignor, by mesne assignments, to Chemical Construction Corporation. Converter. 2,024,733; Dec. 17.
- Hechenbleikner, Ingenium, Charlotte, N. C., and T. C. Oliver, Great Neck, and S. F. Spangler, Flushing, N. Y., assignors to Chemical Construction Corporation, Charlotte, N. C. Manufacture of sulphuric acid from hydrogen sulphide gas. 2,003,442; June 4.
- Hecht, Heinrich, Kiel, assignor to Electroacoustic Gesellschaft mit beschränkter Haftung, Kiel, Germany. Stream-lined sword carrier for subaqueous sound apparatus. 2,022,038; Nov. 26.
- Hechtenberg, Wilhelm. (See Herz, R., Zerweck, and Hechtenberg.)
- Heck, Bernard F., St. Paul, Minn. Device for forming plate gangs for multicolor printing. 2,000,755; May 7.
- Heck, Bernard F., St. Paul, Minn. Forming plate gangs for multicolor printing. 2,000,756; May 7.
- Heck, Harry J., and J. M. Simpson, Muncie, assignors, by mesne assignments, to Free Wheeling Patents Corporation, South Bend, Ind. Free wheeling transmission and control therefor. 2,001,783; May 21.
- Heck, John T., assignor to DaLite Screen Company, Inc., Chicago, Ill. Camera support. 2,016,744; Oct. 8.
- Heckel, Hermann. (See Kratz, E. M., and Heckel.)
- Heckel, Hermann, assignor, by mesne assignments, to Emery Industries, Inc., Cincinnati, Ohio. Liquid coating composition. 2,001,422; May 14.
- Heckenbleikner, Ingenium, Charlotte, N. C., assignor, by mesne assignments, to Chemical Construction Corporation. Concentrating sulphuric acid and sludge acid. 1,991,745; Feb. 19.
- Heckendorn, Alphonse. (See Haller, R., and Heckendorn.)
- Heckert, Ernest L. (See Thomas, William S., assignor.)
- Heckert, E. W. (See Thomas, William S., assignor.)
- Heckert, Frederick W., Oakwood, Ohio. Fuel system unit. 1,986,971; Jan. 8.
- Heckert, Fritz, assignor to Kienzle Uhrenfabriken A. G., Schwenningen-on-the-Neckar, Germany. Synchronous motor driven chime movement for clocks. 2,014,934; Sept. 17.
- Heckert, Leon C., Bristol, assignor to Röhm & Haas Company, Philadelphia, Pa. Insecticide. 2,024,098; Dec. 10.
- Heckert, Winfield W., Ardentown, and G. D. Patterson, Wilmington, Del., assignors to Krebs Pigment Color Corporation, Newark, N. J. Making calcium sulphate. 2,018,955; Oct. 29.
- Heckroth, Ernest R., Wilmington, Del. Polishing machine. 2,023,588; Dec. 10.
- Hedberg, Oonah M., assignor to Oonah Limited, Christchurch, New Zealand. Depilatory agent. 2,018,359; Oct. 22.
- Hedberg, Oscar R. (See Forbes, T. C., and Hedberg.)
- Hedblom, Lars O., assignor of one-half to G. A. Carlson, Detroit, Mich. Fuel injection device. 2,007,197; July 9.
- Heddon, John, assignor to James Heddon's Sons, Dowagiac, Mich. Drawing tubes. 1,993,883; Mar. 12.
- Heddon's, James, Sons. (See Bear, Paul S., assignor.)
- Heddon's, James, Sons. (See Heddon, John, assignor.)
- Hede, Arvid, assignor to Cinder Chrome Company, Detroit, Mich. Cinder chrome building unit. 2,004,323; June 11.
- Hedeman, Alexander. (See Schechter, A. P., and Hedeman.)
- Hedenskoog, Ernest, Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Automatic pin-setter. 2,015,428; Sept. 24.
- Hedenskoog, Ernest, Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Automatic ball return for bowling alleys. 2,019,607; Nov. 5.
- Hedgcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,987,477; Jan. 8.

- Hedcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Wheel and axle assembly. 2,001,193; May 14.
- Hedcock, William C., and E. G. Busse, assignors to American Steel Foundries, Chicago, Ill. Railway car track. 2,008,501; July 16.
- Hedcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 2,019,078; Oct. 29.
- Hedcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Journal box. 2,020,358; Nov. 12.
- Hedcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,021,916; Nov. 26.
- Hedcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 2,023,956; Dec. 10.
- Hedcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,025,204; Dec. 24.
- Hediger, Ernst, assignor to Globar Corporation, Niagara Falls, N. Y. Glaze for non-metallic resistors. 2,003,592; June 4.
- Hediger, Ernst, assignor to The Globar Corporation, Niagara Falls, N. Y. Electric furnace. 2,013,755; Sept. 10.
- Hedley, Elias, Whitechapel, London, England, assignor to Submarine Signal Company, Boston, Mass. Indicating instrument. 2,009,449; July 30.
- Hedley, Frank, Yonkers, and J. S. Doyle, deceased, Mount Vernon, The Chase National Bank of the City of New York, executor. Transportation vehicle. 1,998,718; Apr. 23.
- Hedlund, Axel E., Everett, Wash. Hydraulic clutch and power transmission. 2,021,182; Nov. 19.
- Hedlund, John E., St. Paul, assignor of one-half to E. S. Leighton, Minneapolis, Minn. Safety razor. 2,004,322; June 11.
- Hedlund, Oscar, Battle Creek, assignor to Wilcox-Rich Corporation, Detroit, Mich. Making valves. 2,004,528; June 11.
- Hedly, Arthur H., assignor to Ludlow Typograph Company, Chicago, Ill. Machine for surfacing printing-face-equipped bodies. 1,998,193; Apr. 16.
- Hedman, Erik G., Buffalo, N. Y. Weighing scale. 2,004,096; June 11.
- Hedman, Erik G., Buffalo, N. Y. Bearing for weighing scales and the like. 2,021,061; Nov. 12.
- Hedman Manufacturing Company. (See Carlson, John W., assignor.)
- Hedman Manufacturing Company, The. (See Slettevold, Ole, assignor.)
- Hedolin, Erasmus P., assignor to The Elm City Rubber Co., New Haven, Conn. Making rubber shoes. 2,020,182; Nov. 5.
- Hedquist, Carl S., Minneapolis, Minn. Trap nest. 1,987,106; Jan. 8.
- Hedrick, Clarence E., Newton, Kans. Feeder. 2,005,188; June 18.
- Hedrick, Gale H., assignor to Gem Manufacturing Company, Pittsburgh, Pa. Muffler for automobiles. 1,989,595; Jan. 29.
- Hedström, Erik H. L. (See Sundberg, K., and Hedström.)
- Hedstrom, Olof H., Jr., Hartford City, Ind. Apparatus for making mottled paper. 1,999,049; Apr. 23.
- Heegner, Kurt, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillation generator. 1,993,783; Mar. 12.
- Heekin Can Company, The. (See Heekin, Walter V., assignor.)
- Heekin, Walter V., assignor to The Heekin Can Company, Cincinnati, Ohio. Exhibition device. 2,011,813; Aug. 20.
- Heer, Fritz, Jr., Pforzheim, Germany. Bracelet fastener. 2,015,308; Sept. 24.
- Heeren, Arthur A., and O. E. Gibson, assignors to United States Gypsum Company, Chicago, Ill. Acoustical ceiling construction. 1,997,581; Apr. 16.
- Heeren, Arthur A., and O. E. Gibson, assignors to United States Gypsum Company, Chicago, Ill. Acoustical building structure. 1,997,582; Apr. 16.
- Heeren, Arthur A., Chicago, and E. B. Johnson, Hinsdale, assignors to United States Gypsum Company, Chicago, Ill. Floor and roof construction. 2,014,841; Sept. 17.
- Heeren, Reinhard L., Brooklyn, N. Y. Automatic tuning device. 2,004,324; June 11.
- Heeter, Allen F. (See Buhrke, A. E., and Heeter.)
- Heeter, Colonel C., Butler, Pa. Stuffing box casing head. 2,017,717; Oct. 15.
- Heffelfinger, Paul E. (See Jung, O. H., and Heffelfinger.)
- Heflin, James T., Lafayette, Ala. Applicator. 2,009,773; July 30.
- Hefner, Charles B., Dallas, Tex. Over-current signal device. 2,013,241; Sept. 3.
- Hefner, George M., assignor of one-half to P. Potvin, Providence, R. I. Spectacle temple. 2,012,759; Aug. 27.
- Heft, William F., assignor to McAdoo & Allen Welting Company, Quakertown, Pa. Goodyear welt. 2,023,380; Dec. 3.
- Heftli, Wilhelm, assignor to the firm: Sulzer, Frères Société Anonyme, Winterthur, Switzerland. Crank shaft bearing for vertical reciprocating engines. 2,014,935; Sept. 17.
- Heftler, Victor R., assignor, by mesne assignments, to Zenith Carburetor Company, Detroit, Mich. Intake manifold structure. 1,995,922; Mar. 26.
- Hegdahl, Theodore. (See Carlson, Oscar J., assignor.)
- Hegewaldt, Emma C., Cleveland, Ohio. Buoyant bathing implement. 1,996,576; Apr. 2.
- Heggem, Alfred G., Tulsa, Okla. Valve. 1,989,009; Jan. 22.
- Heggie, James. (See Corral, H., and Heggie.)
- Heghinian, Garabed G., Baltimore, Md. Preparing paving materials. 2,009,886; July 30.
- Heglar, George L., Almira, Wash. Air cleaner and washer. 1,994,766; Mar. 19.
- Hegmann, William, Centalla, Ill. Apparatus and producing metallic dust. 2,006,891; July 2.
- Hegwein, Georg, F. W. Stockmeyer, C. Steinhardt, W. Römmelt, and A. Schmid, Stuttgart, and O. Würst, Ludwigsburg, assignors to Junkers & Co., G. m. b. H., Dessau, Germany. Gas switch. 2,009,193; July 23.
- Hegwein, Georg, C. Steinhardt, and F. W. Stockmeyer, Stuttgart, assignors to Junkers & Co., G. m. b. H., Dessau, Germany. Gas heated appliance. 2,010,762; Aug. 6.
- Hegwein, Georg, F. W. Stockmeyer and C. Steinhardt, Stuttgart, assignors to Junkers & Co., G. m. b. H., Dessau, Germany. Gas heating appliance. 2,010,763; Aug. 6.
- Hegwein, Georg, W. Römmelt, and F. W. Stockmeyer, Stuttgart, assignors to Junkers & Co., G. m. b. H., Dessau, Germany. Controlling device for gas burners. 2,025,413; Dec. 24.
- Hehligans, Friedrich W., Berlin-Helmsdorf, Germany, assignor to General Electric Company. Electron discharge device. 2,004,790; June 11.
- Hehre, Frederick W., Arlington, N. J., assignor to L. W. Rosenthal, New York, N. Y. Train control system for toy electric railways. 1,986,634; Jan. 1.
- Hehre, Frederick W., Arlington, N. J., assignor to L. W. Rosenthal, New York, N. Y. Toy electric railway apparatus. 1,986,635; Jan. 1.
- Heiberg, Oernulf E. (See Berg, O., Imhoff, and Heiberg.)
- Heichemer, Anthony E., et al. (See Orr, Francis L., assignor.)
- Heichert, Herman S. (See Fox, J. H., and Heichert.)
- Heichert, Herman S., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for removing plaster from plate glass tables. 2,015,797; Oct. 1.
- Heichert, Herman S., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Glass handling apparatus. 2,021,183; Nov. 19.
- Held, Frank P., Erie, Pa. Gauge. 2,003,188; May 28.
- Held, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of carbon black. 1,986,198; Jan. 1.
- Held, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oil. 1,988,842; Jan. 22.
- Held, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 1,990,868; Feb. 12.
- Held, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 1,996,243; Apr. 2.
- Held, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Cracking hydrocarbon oils. 2,003,536; June 4.
- Held, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Cracking hydrocarbon oil. 2,003,537; June 4.
- Held, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,006,552; July 2.
- Held, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Cracking hydrocarbon oils. 2,008,502; July 16.
- Held, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,016,781; Oct. 8.
- Heldecke, Reinhold et al. (See Müller, Rudolf, assignor.)
- Heideman, Frederick J., Rochester, N. Y. Compressor unit. 2,002,575; May 28.
- Heideman, Frederick J., Detroit, Mich. Air cooling and conditioning unit. 2,013,848; Sept. 10.
- Heiden, George L. (See Ferris, Walter and John P., and Heiden.)
- Heidenfelder, Fred A., Chicago, Ill., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Work holder for pressing machines. 2,013,210; Sept. 3.
- Heidenreich, Rudolf M. (See Mieg, W., Heidenreich, and Neresheimer.)
- Heider, John F., Glendale, N. Y. Clear vision apparatus. 1,993,274; Mar. 5.
- Heidrich, Stephen L., Brooklyn, N. Y. Acoustic diaphragm. 1,997,790; Apr. 16.
- Heigis, Henry E., West Orange, assignor to Walter Kilde & Company, Inc., Bloomfield, N. J. Actuator for fire protection systems. 2,001,680; May 14.
- Heijenskjöld, Gustaf O. W., Stockholm, Sweden. Producing albuminoid material. 1,999,455; Apr. 30.
- Heiken, Carl G., Anamosa, Iowa. Electrified stock hurdle. 2,023,835; Dec. 10.
- Heil Co., The. (See French, H. C., and Thwaites, assignors.)
- Hell Co., The. (See Gruber, Earl B., assignor.)
- Hell Co., The. (See Thwaites, Frederick G., assignor.)

- Heilbron, Isidor M., and F. Irving, Liverpool, England, assignors to Imperial Chemical Industries Ltd. Manufacture of sensitized photographic emulsions. 2,008,450; July 16.
- Heilmann, Roman A. (See Bourret, Clyde E., assignor.)
- Heim, Charles R., Mount Dora, Fla. Apparatus for grinding and lapping cylindrical members. 1,987,850; Jan. 15.
- Heim, Homer B., Shamokin, Pa. Wooden box. 2,006,892; July 2.
- Heimann, Bernard, Datteln, Germany. Composition for waterproofing mortar and the like. 2,007,427; July 9.
- Heimers, Rudolf, Churubusco, D. F., Mexico. Apparatus for play and sport. 1,991,459; Feb. 19.
- Heimers, Rudolf, Mexico, D. F., Mexico. Shaving and hair-cutting apparatus. 2,014,067; Sept. 10.
- Hein, George N., San Francisco, Calif. Syringe equipment. 1,987,146; Jan. 8.
- Hein, John, Ridgewood, N. Y. Brush holder. 2,002,202; May 21.
- Hein, Paul, Berlin-Johannisthal, Germany. Shoemaker's last. 2,022,597; Nov. 26.
- Heinel, Amy B. (See Heinel, Howard C., assignor.)
- Heinel, Howard C., assignor to Amy B. Heinel, Philadelphia, Pa. Revolvable valve for internal combustion engines. 2,004,912; June 11.
- Heineman, Warren F., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Method and apparatus for electric flash welding. 2,010,952; Aug. 13.
- Heineman, Warren F., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Welding apparatus. 2,010,953; Aug. 13.
- Heineman, Warren F., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Welding machine. 2,010,954; Aug. 13.
- Heineman, Warren F., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Machine for forming automobile frames and the like. 2,022,912; Dec. 3.
- Heinemann, Auguste E., executrix. (See Heinemann, Karl.)
- Heinemann Electric Company. (See Owens, Carl P., assignor.)
- Heinemann, Karl, deceased, Dresden, Germany, by A. E. Heinemann, executrix, Duesseldorf, Germany, assignor to American Lurgi Corporation, New York, N. Y. Apparatus for separating sulphurous acid from sulphite waste liquor. 2,006,138; June 25.
- Heinemann, Paul G. (See Huxford, G. T., Stratton, and Heinemann.)
- Heinemann, Rudolf, Berlin-Wilmersdorf, Germany. Vehicle direction indicator. 2,012,667; Aug. 27.
- Heinen, Frederick C. (See Tobin, K. J., and Heinen.)
- Heinen, Frederick C., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,009,178; July 23.
- Heinicke, Herbert M. E., Elgin, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus provided with a protective coating for handling molten metal. 1,995,349; Mar. 26.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Stocking and knitting same. 1,988,899; Jan. 22.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik, Aktiengesellschaft, Chemnitz, Germany. Method of and apparatus for casting on loops on flat knitting machines. 1,998,368; Apr. 16.
- Heinitz, Woldemar, Chemnitz, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Stocking. 1,998,369; Apr. 16.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Stocking made in a single operation and making same. 2,003,189; May 28.
- Heinitz, Woldemar, Chemnitz, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Thread-guide control for bobbin-winding machines. 2,009,922; July 30.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Reinforced stocking and knitting same. 2,009,923; July 30.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Blind point. 2,009,924; July 30.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Lace attachment. 2,009,925; July 30.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Making beginning courses for knitted webs. 2,022,418; Nov. 26.
- Heinl, Franz, Vienna, Austria. Hot water accumulator plant for locomotives. 2,019,567; Nov. 5.
- Heinly, Ethan, Virginville, Pa. Portable seesaw. 1,992,825; Feb. 26.
- Heinrich, Albert S., East Orange, N. J. Radiator. 1,993,095; Mar. 5.
- Heinrich, Albert S., West Orange, N. J. Heating system and element thereof. 2,020,183; Nov. 5.
- Heinrich, Ernst. (See Muziczka, Georg.)
- Heinrich, Hans, Stuttgart, and W. Voit, Stuttgart-Bed. Cannstatt, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Injection nozzle for self-igniting internal combustion engines. 2,017,028; Oct. 8.
- Heinrich Kamper Motorenfabrik Aktiengesellschaft. (See Lehmann, Willy, assignor.)
- Heinrich Lanz Aktiengesellschaft. (See Kuballe, Arthur, assignor.)
- Heinrich, Ludwig K., Chicago, Ill., assignor of one-half to E. R. Aller, Gary, Ind. Abrasive product. 2,022,199; Nov. 26.
- Heinrich, Richard, Berlin-Sudende, Germany, assignor to Siemens Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Separation of emulsions by electrical action. 2,000,018; May 7.
- Heinrich, Richard, Berlin-Sudende, Germany, assignor to International Precipitation Company, Los Angeles, Calif. Electrical precipitation of suspended particles from gases. 2,000,020; May 7.
- Heinrich, Richard, Berlin-Sudende, and W. Feldmann, Berlin-Spandau, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electrical cleaning of fluids. 2,000,017; May 7.
- Heinrich, Richard, Berlin-Sudende, and W. Feldmann, Berlin-Spandau, Germany, assignors to International Precipitation Company, Los Angeles, Calif. Electrical precipitation. 2,000,019; May 7.
- Heinrich, Stephen J., Newton Highlands, Mass. Surface ornamentation. 1,990,732; Feb. 12.
- Heins, Harry J., Jersey City, N. J. Apparatus for handling and dispensing loose milk. 2,023,836; Dec. 10.
- Heins, Harry J., Jersey City, N. J. Milk dispensing device. 2,023,837; Dec. 10.
- Heins, William, Maspeth, N. Y. Latching means for quickly detachable roof closures. 2,022,718; Dec. 3.
- Heinsen, Heine C., Clinton, Iowa. Collapsible automobile bed. 2,012,193; Aug. 20.
- Heintges, Ernst W., Hennigsdorf, near Berlin, Germany. Conveyor apparatus. 2,018,360; Oct. 22.
- Heintz, George W., Menlo Park, Calif. Starting box for use in dog races and the like. 1,997,929; Apr. 16.
- Heintz, Joseph S., and S. Naikels, Chicago, Ill. Cervical applicator. 1,991,278; Feb. 12.
- Heintz & Kaufman, Ltd. (See Eitel, William W., assignor.)
- Heintz & Kaufman, Ltd. (See Eitel, W. W., and McCullough, assignors.)
- Heintz & Kaufman, Ltd. (See Eitel, W. W., and Shack, assignors.)
- Heintz & Kaufman, Ltd. (See Heintz, Ralph M., assignor.)
- Heintz & Kaufman Ltd. (See Lippincott, D. K., and Meacalf, assignors.)
- Heintz & Kaufman, Ltd. (See McCullough, Jack, assignor.)
- Heintz & Kaufman, Ltd. (See Scofield, Philip F., assignor.)
- Heintz Manufacturing Company. (See Lambert, Albert L., assignor.)
- Heintz Manufacturing Company. (See Lambert, A. L., and Meinel, assignors.)
- Heintz Manufacturing Company. (See Lambert, Francis M., assignor.)
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Mercury vapor rectifier. 1,987,338; Jan. 8.
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Frequency multiplying system. 1,990,733; Feb. 12.
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Making inductances. 1,994,767; Mar. 19.
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Radio tube socket. 2,000,563; May 7.
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Inductor. 2,014,650; Sept. 17.
- Heinz, David E., Chicago, Ill., assignor to H. Kohnstamm & Co., Inc., New York, N. Y. Belt apron fastener. 1,998,135; Apr. 16.
- Heinz, Erich, Hamburg, Germany. Production of glass. 2,020,467; Nov. 12.
- Heinz, Paul P. (See Peccerillo, D., and Heinz.)
- Heinz, Robert, St. Paul, Minn. Tie pressing machine. 2,008,956; July 23.
- Heinze Development Company. (See Heinze, John O., assignor.)
- Heinze, John O., Detroit, Mich., assignor to Heinze Development Company. Turbine engine. 1,986,435; Jan. 1.
- Heinze, John O., Detroit, Mich., assignor to Heinze Development Company. Transmission mechanism. 1,986,436; Jan. 1.
- Heinze, John O., Detroit, Mich., assignor to Heinze Development Company. Wheel brake construction. 1,988,594; Jan. 22.
- Heinze, John O., Detroit, Mich., assignor to Heinze Development Company. Supercharger. 1,993,963; Mar. 12.
- Heinze, William A. (See Victor, J. H., and Heinze.)
- Heinze, William A. (See Victor, J. H., Heinze, and Victor.)
- Heinzmann, Max J., Koetzschenbroda, Germany. Variable speed control device for centrifugal governors. 2,025,347; Dec. 24.
- Heise, Arthur C., and M. W. Jacobi, Baltimore, Md. Teething and feeding nipple. 2,001,842; May 21.
- Heise, Frederick A., Luling, Tex. Grave filler. 2,023,730; Dec. 10.
- Heise, George W. (See Schumacher, E. A., Hamister and Heise.)

- Heise, George W., North Olmsted, and E. A. Schumacher, Lakewood, Ohio, assignors to National Carbon Company, Inc. Gas electrode for primary batteries. 2,017,280; Oct. 15.
- Heise, William H., assignor to Big Rock Ranch Company, Los Angeles, Calif. Device to level body of a tilted chassis. 2,000,229; May 7.
- Heise, William H., assignor to Big Rock Ranch Company, Los Angeles, Calif. Lever means for leveling hearse bodies. 2,000,230; May 7.
- Heisel, Paul, and E. Berghelmer, Gersthofen, near Augsburg, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing alkali metal alcoholates. 2,000,329; May 7.
- Heiser, Harold W., East St. Louis, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Cement. 2,015,676; Oct. 1.
- Heisey, A. H., & Company. (See Townsend, John B., assignor.)
- Heisig, Theodore C. (See Detwiler, J. G., Heisig, Rosnell, and Hall.)
- Heising, Raymond A., Millburn, assignor of one-half to J. P. Kendall, Cranford, N. J. Distance controlled indicator system. 2,009,693; July 30.
- Heising, Raymond A., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Wave transmission and modulation. 2,018,401; Oct. 22.
- Heisler, Stuart R., assignor to F. Hotchner, Los Angeles, Calif. Apparatus for developing sound track motion picture film. 1,986,107; Jan. 1.
- Heisser, Otto E., Minocqua, Wis. Machine for cleaning golf balls or the like. 2,016,110; Oct. 1.
- Heist, Charles H., Youngstown, Ohio. Cleaner for gaseous fluids. 2,010,231; Aug. 6.
- Heltger, Frank H., deceased; M. G. Heltger, Flint, Mich., administratrix. Carburetor. 1,986,574; Jan. 1.
- Heltger, Frank H., deceased, Flint, Mich., M. G. Heltger, administratrix, assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,004,242; June 11.
- Heltger, Frank H., deceased, M. G. Heltger, administratrix Flint, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,025,860; Dec. 31.
- Heltger, Mattie G., administratrix. (See Heltger, Frank H.)
- Heltger, Mattie G., administratrix. (See Heltger, Frank H., assignor.)
- Heitlage, Henry, St. Bernard, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Method of and apparatus for handling and stamping plastic material. 2,015,798; Oct. 1.
- Heitman, Charles H. (See Kuhn, A., and Heitman.)
- Heitman, Edward, assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 1,996,808; Apr. 9.
- Heitman, Edward, assignor to Kelvinator Corporation, Detroit, Mich. Compressing unit. 2,001,874; May 21.
- Heitman, Edward, assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,012,308; Aug. 27.
- Heitman, Edward, assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,013,515; Sept. 3.
- Heitman, Edward, assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,013,516; Sept. 3.
- Heitman, Edward, assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,018,521; Oct. 22.
- Heitmann, Rudolf, Mannheim, Germany. Manufacture of crinkled paper and the like. 2,019,903; Nov. 5.
- Heitshu, Daniel C., assignor to J. I. Case Company, Racine, Wis. Tractor. 1,993,405; Mar. 5.
- Heitshu, Daniel C., assignor to J. I. Case Company, Racine, Wis. Tractor. 2,009,261; July 23.
- Heitshu, Daniel C., assignor to J. I. Case Company, Racine, Wis. Tractor-cultivator. 2,012,853; Aug. 27.
- Heitzman, Richard J., assignor of one-fourth to W. E. Ressler, Shamokin, Pa. Blasting plug. 2,007,568; July 9.
- Hejdjuk, Frank J., Philadelphia, Pa. Thread moistening apparatus. 2,022,506; Nov. 26.
- Hektner, Joel, assignor to The Timken Roller Bearing Company, Canton, Ohio. Locomotive running gear. 1,995,851; Mar. 26.
- Helbig, Paul, Berlin, Germany. Door securing device. 2,013,779; Sept. 10.
- Held, Robert. (See Blenert, B., and Held.)
- Heidenbrand, Carl H., Akron, Ohio, assignor to B. F. Goodrich Company, New York, N. Y. Cushioning body and producing the same. 1,988,843; Jan. 22.
- Heidenbrand, Carl H., U. C. Haren, and F. Slusher, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Apparatus for looping sheet material. 1,989,690; Feb. 5.
- Helen, Jacob L., Klofta, Norway. Radiator. 2,016,007; Oct. 1.
- Helenbolt, George S. (See Vosler, A. E., Helenbolt, and Wright.)
- Helf, George M. (See Burns, F. S., and Helf.)
- Helfenstein, Harry G., Jersey City, N. J. Burial vault. 2,017,623; Oct. 15.
- Helfenstein, Max, assignor to Schweizerische Unfallversicherungsanstalt, Lucerne, Switzerland. Spectacle goggles. 2,015,475; Sept. 24.
- Helfer, Daniel, assignor to firm Carl Zeiss, Jena, Germany. Device for examining the diameter of bores. 2,010,301; Aug. 6.
- Helff, Eugen. (See Eggert, F., and Helff.)
- Helfrich, George J., Cincinnati, Ohio. Duplicating stamp. 1,996,645; Apr. 2.
- Helfrich, Michael D., Evansville, Ind. Ball cock. 1,999,904; Apr. 30.
- Helfrich, Michael D., Evansville, Ind. Water closet bowl with integral seat posts. 1,999,905; Apr. 30.
- Helfrich, Michael D., Evansville, Ind. Ball cock. 2,012,760; Aug. 27.
- Helfrich, Michael D., Evansville, Ind. Ball cock. 2,017,799; Oct. 15.
- Helgason, Arni, Wilmette, assignor to Chicago Transformer Corporation, Chicago, Ill. Transformer. 1,988,733; Jan. 22.
- Helgason, Arni, Wilmette, assignor to Chicago Transformer Corporation, Chicago, Ill. Transformer. 1,988,734; Jan. 22.
- Helgason, Arni, Wilmette, assignor to Chicago Transformer Corporation, Chicago, Ill. Transformer casing. 2,007,681; July 9.
- Helin, Alfred. (See Valentine, C. W., and Helin.)
- Hella, Roy P. (See Hoffman, W. F., and Hella.)
- Heller, Frank P., Reading, Pa. Drain pipe for flush tanks. 1,989,859; Feb. 5.
- Heller, Harold S., assignor to The J. C. Ulmer Company, Cleveland, Ohio. Making sheet metal staples. 1,998,991; Apr. 23.
- Heller, John K., assignor to Utility Development Company, San Francisco, Calif. Gas mixing apparatus. 2,023,809; Dec. 10.
- Heller, Julius, Neunkirchen, assignor to firm Schrauben- und Schmiede-Waarenfabriks-Aktiengesellschaft Brevillier & Co. and A. Urban & Soehne, Vienna, Austria. Foot arch support. 2,000,949; May 14.
- Heller, Maximilian, Vienna, Austria. Easy chair and the like. 1,986,060; Jan. 1.
- Heller, Maximilian, Vienna, Austria. Cushioning device for seats and the like. 2,008,392; July 16.
- Heller, Michael J., Los Angeles, Calif. Locking device for hinged apparatus. 1,994,021; Mar. 12.
- Heller, Samuel. (See Tchebonin, Serge, assignor.)
- Heller, Walter E., assignor to D. C. Shepard, St. Paul, Minn. Fastener for container covers. 2,013,049; Sept. 3.
- Hellgren, Gustaf H., Vallentuna, assignor of one-half to E. V. Gustafsson, Stockholm, Sweden. Tens-carrying mechanism for calculating machines and the like apparatus. 2,008,355; July 16.
- Hellman, Henry, Syracuse, N. Y. Paper fastener. 1,991,318; Feb. 12.
- Hellman, Lage R. H., Vasteras, Sweden. Packing box for goods, and more particularly for delicate goods. 1,997,905; Apr. 16.
- Hellmann, Heinrich W., Marienfelde-Berlin, Germany, assignor of one-fourth to A. Gusmer, Woodbridge, N. J. Apparatus for listening in on telephone calls. 2,005,973; June 25.
- Hellmann, Jay T., Cincinnati, Ohio. Bottle. 2,007,049; July 2.
- Hellmann, Jay T., Boston, Mass. Telephone cord take-up. 2,014,329; Sept. 10.
- Hellmers, Henry T., and R. H. Donald, Clarksburg, W. Va., assignors to The Akro Agate Company, Akron, Ohio. Manufacture of variegated glass articles. 2,019,043; Oct. 29.
- Hellmund, Rudolph E., Swissvale, and A. D. Forbes, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ship propulsion automatic stability control. 2,005,894; June 25.
- Hellner, Karl G., and A. G. Johansson, Nalden, Sweden. Roll mill. 2,025,348; Dec. 24.
- Helmbright, Henry H., Cleveland Heights, Ohio, assignor to General Electric Company. Indicator for incandescent lamps. 2,021,062; Nov. 12.
- Helmer, Daniel. (See Pachinger, F., Ottersen, and Helmer.)
- Helmick, Frederic, Fairmont, W. Va. Bin or hopper. 1,992,072; Feb. 19.
- Helmold, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,994,647; Mar. 19.
- Helmore, William. (See Swan, A., and Helmore.)
- Helmstadter, Philip J., assignor to Firth-Stirling Steel Company, McKeesport, Pa. Die lapping machine. 1,990,074; Feb. 5.
- Heltzel, John N., Warren, Ohio. Removable expansion joint form. 1,988,900; Jan. 22.
- Heltzel, John N., Warren, Ohio. Road building apparatus. 1,996,153; Apr. 2.
- Heltzel, John N., Warren, Ohio. Producing concrete surfacing joints. 1,997,216; Apr. 9.
- Heltzel, John N., Warren, Ohio. Road joint and producing the same. 1,998,015; Apr. 16.
- Heltzel, John N., Warren, Ohio. Installing road joints. 2,014,894; Sept. 17.
- Heltzel, John N., Warren, Ohio. Road making machine. 2,023,472; Dec. 10.
- Heltzel, John N., Warren, Ohio. Road joint machine. 2,025,449; Dec. 24.
- Heltzel, Joseph W., Warren, Ohio. Lute. 2,018,890; Oct. 29.
- Helwert, Fritz. (See Rösch, G., Haller, and Helwert.)

- Helwert, Fritz and A. Palm, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Product of 2-acetyl amino-3-chloranthraquinone. 2,005,317; June 18.
- Helwig, Arthur C., Chicago, Ill. Shoe ventilating device. 2,010,151; Aug. 6.
- Hem, Halvor O., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,001,905; May 21.
- Hem, Halvor O., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,013,957; Sept. 10.
- Hemb, Harold B., Wilmette, Ill. Container closure. 2,004,407; June 11.
- Henderson, Charles, Lansdowne, Pa., assignor to The S. S. White Dental Manufacturing Company. Highway traffic directing device. 2,018,260; Oct. 22.
- Henderson, John C., New York, N. Y. Laminated glass. 2,016,245; Oct. 1.
- Hendrix, Joel H., New Castle, Pa. Combination utility utensil. 2,019,009; Oct. 29.
- Hemenway, Augustus. (See Hayden, Arthur C., assignor.)
- Hemingway, Wilson, Jr., Philadelphia, Pa., assignor to The Electrolock Manufacturing Company, Vicksburg, Miss. Gear shift lock. 2,024,641; Dec. 17.
- Hemmerich, Clayton C., Kitchener, Ontario, Canada, assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Cuff. 1,993,717; Mar. 5.
- Hemmerich, Hugo, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Method and apparatus for inserting liner in hosiery. 1,992,666; Feb. 26.
- Hemmerly, Joseph H. (See Scheu, W. C., and Hemmerly.)
- Hemming, Charles B., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Grain-in ink. 2,008,018; July 16.
- Hemming, Charles B., Parlin, and E. C. Pitman, Princeton, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Decorating surfaces. 1,999,413; Apr. 30.
- Hempel, Alfred, Bad Blankenburg, Germany. Isolating plug for fixing electric wiring on walls. 1,992,073; Feb. 19.
- Hemphill Company. (See Lawson, R. H., and Cloutier, assignors.)
- Hemphill Company. (See Lawson, R. H., and Gagné, assignors.)
- Hemphill Company. (See Lawson, R. H., and Lovell, assignors.)
- Hemphill, Fred R., Chicago, Ill. Hose supporter. 2,021,600; Nov. 19.
- Hemphill, James W., Yonkers, assignor to Johns-Manville Corporation, New York, N. Y. Paper machine. 2,010,150; Aug. 6.
- Hempstead, Joseph A., Pittsburgh, Pa. Air mixing device for gaseous fuels. 2,000,464; May 7.
- Henrich, Rudolf, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Adjustable brush for vacuum cleaner nozzles. 2,024,360; Dec. 17.
- Hemstreet, Charles, Walton, N. Y., assignor to E. C. Rice, Melrose, Mass. Pigeon feeder. 1,993,445; Mar. 5.
- Hendel, Julius, New London, Conn. Garment. 2,024,922; Dec. 17.
- Henderson, Albert, assignor of one-fourth to E. H. Wicks, Pittsburgh, Pa. Building construction. 1,988,492; Jan. 22.
- Henderson, Albert J., Hempfield Township, Westmoreland County, Pa., assignor to Walworth Patents Inc., Boston, Mass. Locking device. 1,993,784; Mar. 12.
- Henderson, B. Harris. (See Vinton, Frank A., assignor.)
- Henderson, Clark T., Burlingame, Calif. Bleaching pulp. 1,990,942; Feb. 12.
- Henderson, Clark T., Burlingame, Calif. Antisepticizing water. 1,995,639; Mar. 26.
- Henderson, David, Mt. Lebanon, assignor to Cochrane Corporation, Philadelphia, Pa. Vacuum producing and degassing apparatus. 1,988,656; Jan. 22.
- Henderson, David R. (See Gould, F. N., and Henderson.)
- Henderson, Fred E., Riverside, L. O. Larsen, Downers Grove, and G. Schmitz, Elmhurst, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Electromagnetic device. 1,991,210; Feb. 12.
- Henderson, James B., Blackheath, England. Apparatus for measuring, indicating, and comparing azimuths on board ships. 1,987,680; Jan. 15.
- Henderson, James B., Blackheath, England. Gimbal system for gyroscopes. 2,009,263; July 23.
- Henderson, James B., and A. L. Perham, London, England. Predictor mechanism. 2,009,264; July 23.
- Henderson, James R., Hayti, Mo. Automatic doorlatch. 1,992,866; Feb. 26.
- Henderson, James R., Detroit, Mich. Cigarette dispenser. 2,012,533; Aug. 27.
- Henderson, Joseph E., and B. C. Beck, assignors to Luminous Tube Lighting Corporation, Seattle, Wash. Ionic discharge tube. 1,998,457; Apr. 23.
- Henderson, Kenneth L. (See Curtis, L. F., and Henderson.)
- Henderson, Lawrence M., Narberth, S. W. Ferris, Lansdowne, H. C. Cowles, Jr., Philadelphia, assignors to The Atlantic Refining Company, Philadelphia, Pa. Separation of wax. 1,991,389; Feb. 19.
- Henderson, Lawrence M., Narberth, assignor to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil treatment. 2,024,221; Dec. 17.
- Henderson, Olive G., Cassopolis, Mich. Adjustable support. 2,014,176; Sept. 10.
- Henderson, Ralph I., Charleston, W. Va. Well tool. 1,986,340; Jan. 1.
- Henderson, Robert W., Houston, Tex. Fiber gathering machine. 1,995,510; Mar. 26.
- Henderson, Rose B. (See Schlemmer, Phil G., assignor.)
- Henderson, Willis, Los Angeles, Calif. Knitting device. 2,012,099; Aug. 20.
- Hendey Machine Company, The. (See Bouillon, Constant, assignor.)
- Hendley, Fred, assignor to The Okonite Company, Passaic, N. J. Process of and apparatus for marking. 2,001,491; May 14.
- Hendren, Frank L. (See Burgdorfer, R. H., Hendren, and Leyendecker.)
- Hendrey, Waldersee B., Port Arthur, Tex., and I. A. Ebaugh, assignors to The Texas Company, New York, N. Y. Dehydrating oil. 2,014,936; Sept. 17.
- Hendrich, Max W., assignor of one-fourth to R. W. Semerad, Millington, N. J., and three-fourths to H. Radzinsky, New York, N. Y. Sizing material. 2,008,304; July 16.
- Hendrick Manufacturing Company. (See Blackburn, Daniel M., assignor.)
- Hendricks, Allan B., Jr., Pittsfield, Mass., assignor to General Electric Company. Adjustable reactance transformer. 2,009,800; July 30.
- Hendricks, Allan B., Jr., Pittsfield, Mass., assignor to General Electric Company. Dynamo electric machine and making the same. 2,020,058; Nov. 5.
- Hendricks, Maurice E. (See Johnson, W. G., and Hendricks.)
- Hendricks, Simeon B., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Draft equalizer. 2,026,130; Dec. 31.
- Hendricks, William E., Coaldale, Colo. Power converting mechanism. 2,012,534; Aug. 27.
- Hendrickson, Emil J., Philadelphia, and A. C. Winters, Lansdowne, Pa., assignors to Radio Corporation of America. Advertising device. 1,987,478; Jan. 8.
- Hendrickson, Fred K. (See Aldrich, W. O., and Hendrickson.)
- Hendrickson, Fred K., Worcester, assignor to Whitin Machine Works, Whitinsville, Mass. Roving frame builder motion. 2,003,362; June 4.
- Hendrickson, Fred K., Worcester, assignor to Whitin Machine Works, Whitinsville, Mass. Traverse motion for spinning or twisting frames. 2,024,447; Dec. 17.
- Hendrickson, Fred K., Worcester, assignor to Whitin Machine Works, Whitinsville, Mass. Cap for spinning or twisting machines. 2,024,448; Dec. 17.
- Hendrickson, Magnus, assignor to Hendrickson Motor Truck Co., Chicago, Ill. Motor vehicle. 1,994,133; Mar. 12.
- Hendrickson Motor Truck Co. (See Hendrickson, Magnus, assignor.)
- Hene, Emil, Berlin, assignor to Rudolph Koepp & Co., Chem. Fabrik A. G., Oestrich, Germany. Making potassium oxalate. 2,004,867; June 11.
- Henglein, Friedrich A., Cologne-Deutz, and O. Nitzschke, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. 2,000,135; May 7.
- Henglein, Friedrich A., Cologne-Deutz, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preservation of green-fodder. 2,021,996; Nov. 26.
- Hengstenberg, Paul M., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fastening device. 2,005,895; June 25.
- Henharen, John P., Durban, Union of South Africa. Manufacture of resin-rubber compositions. 2,021,063; Nov. 12.
- Henion, Walter R., Minneapolis, Minn. Anesthetizing apparatus. 2,020,643; Nov. 12.
- Henke, Clyde O., Wilmington, Del., and M. A. Prah, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ether of hydroabietyl alcohol. 2,001,275; May 14.
- Henke, Clyde O., South Milwaukee, and M. A. Prah, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of hydroabietyl alcohols. 2,021,100; Nov. 12.
- Henke, Clyde O., South Milwaukee, and M. A. Prah, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydroabietyl chloride and preparing the same. 2,023,473; Dec. 10.
- Henkel & Cie, G. m. b. H. (See Elbel, E., and Kirstahler, assignors.)
- Henkel & Cie, G. m. b. H. (See Hintermaier, Anton, assignor.)
- Henkel & Cie, G. m. b. H. (See Kirstahler, Alfred, assignor.)
- Henkel & Cie, G. m. b. H. (See Lübbert, W., and Rosenhauer, assignors.)
- Henkel & Cie, Gesellschaft mit beschränkter Haftung. (See Albertshausen, Franz, assignor.)
- Henkel & Cie Gesellschaft mit beschränkter Haftung. (See Hintermaier, Anton, assignor.)
- Henkel & Cie, Gesellschaft mit beschränkter Haftung. (See Kirstahler, A. and Kaiser, assignors.)
- Henkel & Cie, Gesellschaft mit beschränkter Haftung. (See Lübbert, Wolfgang, assignor.)
- Henkel & Cie, Gesellschaft mit beschränkter Haftung. (See Pape, Louis F. W., assignor.)

- Henkel & Cie. Gesellschaft mit beschränkter Haftung. (See Schulz, Rudolf G., assignor.)
- Henkel, Erich, Calumet City, Ill., A. Williams, Hammond, Ind., and R. M. Ostermann, Kenilworth, Ill., assignors to The Superheater Company, New York, N. Y. In-jector. 2,004,281; June 11.
- Henkel, Erich and H. G. Nehrbas, Calumet City, Ill., as-signors to The Superheater Company, New York, N. Y. Method of and apparatus for deconcentrating steam. 2,023,227; Dec. 3.
- Henkels, Hugo, Wuppertal-Elberfeld, Germany. Device for the manufacture of sliding clasp fastenings. 2,017,814; Oct. 15.
- Henkes, Peter M. (See Gorton, G., Henkes, and Horner.)
- Henkle, Louis R., Lawrenceburg, Ind., assignor to Pneu-matic Process Corporation, St. Louis, Mo. Apparatus for conditioning grain. 2,004,001; June 4.
- Henkle, Thomas H., Detroit, Mich. Resilient wheel. 2,008,981; July 23.
- Henley's, W. T. Telegraph Works Company. (See Fry, Francis H., assignor.)
- Henn, Florence M. (See Cobb, George L., assignor.)
- Henn, William A., Evansville, Ind. Flush tank. 2,016,635; Oct. 8.
- Henn, William A., Evansville, Ind. Toilet bowl. 2,016,636; Oct. 8.
- Henne, Albert L. (See Midgley, T. Jr., and Henne.)
- Henne, Albert L. (See Midgley, T. Jr., Henne, and Mc-Nary.)
- Henne, Albert L., Columbus, Ohio, assignor, by mesne assignments, to General Motors Corporation. Fluora-tion in the presence of chlorine as a catalyst. 1,990,692; Feb. 12.
- Henne, Albert L., Columbus, Ohio, assignor, by mesne as-signments, to General Motors Corporation. Manufacture of fluorated aliphatic compounds. 2,007,198; July 9.
- Henne, Albert L., Columbus, Ohio, assignor, by mesne as-signments, to General Motors Corporation. Fluora-tion of aliphatic halides. 2,013,050; Sept. 3.
- Henneberger, Otto, Nuremberg, Germany, assignor to Harold A. Moore, New York, N. Y. Camera. 1,989,449; Jan. 29.
- Henneberger, Thomas C. (See Rea, W. T., and Henne-berger.)
- Henneberger, Thomas C., Caldwell, N. J., assignor to American Telephone and Telegraph Company. Con-tactor indicator. 2,003,443; June 4.
- Hennegan, Paul M., Cincinnati, Ohio. Electroplated ar-ticles and making same. 2,006,553; July 2.
- Hennessy, Daniel E., assignor to Lewis-Shepherd Company, Watertown, Mass. Variable fluid-operated elevating truck. 2,009,970; July 30.
- Hennessy, James L., Montclair, N. J. Lubricated journal box. 1,988,735; Jan. 22.
- Hennessy, James J., New York, N. Y. Railway journal lubricator. 1,989,417; Jan. 29.
- Hennessy, Mary C., Manhasset, assignor to Franklin Simon & Co., Inc., New York, N. Y. Slip. 2,009,926; July 30.
- Henneuse, Clarence A., Bucyrus, Ohio. Crawler tractor. 1,991,502; Feb. 19.
- Henneuse, Clarence A., Bucyrus, Ohio. Scoop. 1,996,723; Apr. 2.
- Henney, Charles F., Dayton, Ohio, assignor, by mesne as-signments, to General Motors Corporation. Refrigerat-ing apparatus. 1,997,789; Apr. 16.
- Henney Motor Company. (See Van Deest, Henry, as-signor.)
- Hennig, Fritz, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Signaling. 1,994,517; Mar. 19.
- Hennig, Fritz, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Antiparasitic system for telegraph signals with electrostatic storing of signals. 1,997,683; Apr. 16.
- Hennig, Theodor. (See Jochem, O., and Hennig.)
- Henning, Francis L., Boston, assignor of one-half to J. A. Stryker, Arlington, Mass. Thermostatic valve. 2,014,526; Sept. 17.
- Henning, George E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Ten-sion brake for braiders. 2,006,394; July 2.
- Henning, Harley A., Greenwich, Conn., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound reproducing system. 2,025,388; Dec. 24.
- Henning, Henry X., Kenmore, N. Y. Remote control ap-paratus for radio receiving sets. 1,999,609; Apr. 30.
- Henning, Henry Y., Kenmore, assignor to Martin & Schwartz, Inc., Buffalo, N. Y. Hand setting device. 2,025,239; Dec. 24.
- Henning, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Control switch. 1,997,190; Apr. 9.
- Henning, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Regulator valve. 2,011,220; Aug. 13.
- Henning, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Defroster switch. 2,020,835; Nov. 12.
- Henning, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Switch actuating mechanism. 2,020,836; Nov. 12.
- Henninger, Andrew F., Jr., Chicago, Ill. Cathode glow-lamp. 2,002,775; May 28.
- Henninger, Andrew F., Jr., Chicago, Ill. Obtaining flame effects in negative glow devices. 2,020,413; Nov. 12.
- Henninger, Henry C., Ridgewood, N. J. Floor waxing device. 1,986,199; Jan. 1.
- Henninger, James W., El Paso, Tex. Tire changing tool. 2,020,781; Nov. 12.
- Hennings, Raymond A., New Orleans, La. Game of skill. 1,986,929; Jan. 8.
- Hennings, Raymond A., New Orleans, La. Angle indi-cator. 1,992,029; Feb. 19.
- Henrichsen, Knut, Hartford, Conn., assignor to Curtiss-Wright Airplane Company. Airplane wing. 1,988,079; Jan. 15.
- Henrickson, William O. (See Malm, K. P., Black, and Henrickson.)
- Henriksen, Carl A., Ridgefield Park, N. J. Method and ap-paratus for applying locking devices to threaded mem-bers. 2,011,280; Aug. 13.
- Henrikson, Peter H., Los Angeles, Calif. Time controlled annunciator. 2,024,857; Dec. 17.
- Henrite Products Corporation. (See Henry, Albert C., as-signor.)
- Henrite Products Corporation. (See Henry, Ralph L., as-signor.)
- Henrite Products Corporation. (See Loftis, Homer J., assignor.)
- Henry, Albert C., assignor to Henrite Products Corporation, Ironton, Ohio. Variable resistor. 1,992,529; Feb. 26.
- Henry, Albert R. (See Morgan, Porter S., assignor.)
- Henry, Augustus M., Brooklyn, N. Y. Ferrous metal cast-ing. 1,997,405; Apr. 9.
- Henry, Augustus M., Brooklyn, N. Y. Airplane. 2,010,817; Aug. 13.
- Henry, Beulah L., New York, N. Y. Movable eye struc-ture for figure toys. 2,022,286; Nov. 26.
- Henry, Charles L., assignor to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Ball and socket bearing. 2,016,716; Oct. 8.
- Henry, Donald E. (See Rentschler, H. C., and Henry.)
- Henry, Edmund, et al. (See Friis, Björn S. T., assignor.)
- Henry, George W., Jr. (See Thackeray, S. J., and Henry.)
- Henry, Georges L., Geneva, assignor to the firm Meyer & Studell, S. A., Soleure, Switzerland. Self-winding watch. 2,013,386; Sept. 3.
- Henry, Harold T., assignor to The Q & C Company, New York, N. Y. Grate. 2,007,531; July 9.
- Henry, Henry L., assignor of one-half to F. S. Warring, Piru, Calif. Sprinkler. 2,002,178; May 21.
- Henry, Nelson B., Columbus, Ga. Bale breaker. 2,009,658; July 30.
- Henry, Nelson B., Columbus, Ga. Cotton distributor and the like. 2,009,927; July 30.
- Henry, Nelson B., Columbus, Ga. Air draft cotton cleaner. 2,009,928; July 30.
- Henry, Nelson B., Columbus, Ga. Handling, conveying, and treating bulk fibrous and other materials. 2,016,008; Oct. 1.
- Henry, Nelson B., Columbus, Ga. Apparatus for remov-ing fiber from seed cotton. 2,022,564; Nov. 26.
- Henry, Ralph L., Detroit, Mich., assignor to Henrite Pro-ducts Corporation, Ironton, Ohio. Elevator door guide. 2,015,269; Sept. 24.
- Henry, Ralph L., Detroit, Mich., assignor to Henrite Pro-ducts Corporation, Ironton, Ohio. Elevator door guide. 2,015,270; Sept. 24.
- Henry, Raymond, Rock Island, Ill. Driving connection. 1,997,488; Apr. 9.
- Henry, René A., Brussels, Belgium. Filtration of slimes. 2,024,358; Dec. 17.
- Henry, Roy E., Elba, N. Y. Bagging machine. 2,009,049; July 23.
- Henry, Samuel L. (See Lowry, George G.)
- Henry, William A., Littleton, Colo. Pressure controlled throttle valve. 2,000,387; May 7.
- Henry, William M. (See Hill, C. C., and Henry.)
- Henry, William M., Greensburg, Pa. Sign. 2,011,762; Aug. 20.
- Henry, William M., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Metallurgical furnace. 2,025,165; Dec. 24.
- Hensel, Franz R., Indianapolis, Ind., and E. I. Larsen, Newark, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper alloy. 2,025,662; Dec. 24.
- Hensley, Samuel L., assignor of fifty-one per cent to F. E. Gallup and A. N. Brunson, Kansas City, Mo. Curvilinear lead. 1,987,010; Jan. 8.
- Henson, Claude A., and S. C. Gillum, Curtis, Nebr. Tree transplanter and conveyance therefor. 1,993,327; Mar. 5.
- Henson, George C. (See Painter, A. M., Cady and Hen-son.)
- Henson, Lawrence M. (See Riebel, F. Jr., Dow and Hen-son.)
- Henson, Neal. (See Downey, J. J., Bledsoe, and Henson.)
- Henst, Abraham V., Grand Rapids, Mich., assignor to W. B. Jarvis Company. Doorlatch. 1,994,134; Mar. 12.
- Henst, Abraham V., Grand Rapids, Mich., assignor to W. B. Jarvis Company. Doorlatch. 2,019,534; Nov. 5.
- Henszey, Roy O., Oconomowoc, Wis. Fluid meter. 2,018,361; Oct. 22.
- Henton, Stuart C., Akron, and M. B. Rankin, Cuyahoga Falls, Ohio. Control system. 2,003,047; May 28.

- Hentschel, Ernest R., deceased, Washington, D. C., John Olsen, administrator, assignor to Wired Radio, Inc., New York, N. Y. Sound reproducing system. 2,000,840; May 7.
- Hentschel, Paul A., Baltimore, assignor to The Ventiflector Company, Inc., Baltimore, Md. Deflector for gas stoves and the like. 2,024,359; Dec. 17.
- Henwood, Abraham, Cynwyd, and R. M. Garey, Willow Grove, Pa. Apparatus for use in chemical digestions. 2,004,868; June 11.
- Henwood, Lloyd S., Merchantville, assignor to C. Howard Hunt Pen Company, Camden, N. J. Writing pen. 2,001,726; May 21.
- Henze, Joseph J., Detroit, Mich. Packing crate. 2,013,150; Sept. 3.
- Henze, Joseph J., Detroit, Mich. Shipping crate. 2,013,151; Sept. 3.
- Hepburn, William M., assignor to Surface Combustion Corporation, Toledo, Ohio. Gas burner. 2,015,934; Oct. 1.
- Hepburn, William M., and E. G. de Coriolls, assignors to Surface Combustion Corporation, Toledo, Ohio. Apparatus for firing furnaces with heavy fuel oil. 2,018,956; Oct. 29.
- Heppburnite Corporation. (See Sadtler, Samuel S., assignor.)
- Hepler, Carroll D., assignor to Trumbull Electric Manufacturing Company, Pacific Division, Seattle, Wash. Electric safety switch. 2,000,231; May 7.
- Hepp, Clarence M., assignor to The Rotary Printing Company, Norwalk, Ohio. Transfer pack. 1,987,507; Jan. 8.
- Heppenstall Company. (See Heppenstall, Samuel B., Jr., assignor.)
- Heppenstall, Samuel B., Jr., assignor to Heppenstall Company, Pittsburgh, Pa. Package for safety razor blades. 1,989,516; Jan. 29.
- Heppenstall, Thomas E., Longview, Wash., assignor of one-half to The Long-Bell Lumber Company, Kansas City, Mo. Material testing apparatus. 2,003,077; May 28.
- Heppes, George P., Chicago Heights, assignor to The Tile-Tex Company, Chicago Heights, Ill. Cooling composition tile. 2,010,017; Aug. 6.
- Heppes, George P., Chicago, Ill., assignor, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Apparatus for saturating sheet material. 2,023,019; Dec. 3.
- Heppes, Otto A. (See Kirschbraun L., and Heppes.)
- Heppner, John W. K., assignor to Louis Marx & Company, New York, N. Y. Vehicle toy. 2,016,782; Oct. 8.
- Heraeus Vacuumschmelze A. G. (See Rohn, Wilhelm, assignor.)
- Hérault, Albert H. (See Rodde, A., Hérault, Hudeley, and Lagrave.)
- Herber, Pierre, Middlesex Borough, N. J., assignor to Research Corporation, New York, N. Y. Electrical precipitator. 1,997,729; Apr. 16.
- Herbers, Joseph G. (See Freeman, B. W., and Herbers.)
- Herbers, Joseph G., and B. W. Freeman, Cincinnati, Ohio. Machine for attaching soles to shoes. 2,020,549; Nov. 12.
- Herbert, Clarence G. (See McColloch, J. M., Daniels, and Herbert.)
- Herbert, Edward G., West Didsbury, Manchester, England. Treatment of metals. 1,988,040; Jan. 15.
- Herbert, Jacob, Newton, Mass. Photographic plate element and preparing same. 1,985,925; Jan. 1.
- Herbert Specialty Manufacturing Co. (See Barrett, Arthur M., assignor.)
- Herbert, Willy, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Recovery of hydrocarbons from gases containing constituents, such as diolefines and the like. 1,997,145; Apr. 9.
- Herberts Machinery Company. (See Merrigan, William J., assignor.)
- Herberts Machinery Co., Ltd. (See Merrigan, William J., assignor.)
- Herbst, Thomas R., Jr., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Burial vault. 2,010,232; Aug. 6.
- Herbsleb, August F. (See Hubbell, Harvey C., assignor.)
- Herbsman, Abraham M. (See Currier, Neil B., assignor.)
- Herbsman, Abraham M., Huntington Park, and R. B. Campbell, Walnut Park, Calif.; said Campbell assignor to said Herbsman. Spray gun. 1,992,426; Feb. 26.
- Herbsman, Abraham M., and N. B. Currier, Huntington Park, and R. B. Campbell, Walnut Park, Calif.; said Currier and said Campbell assignors to said Herbsman. Deep well pumping apparatus. 2,022,859; Dec. 3.
- Herbst, Clarence A., assignor to Economy Fuse and Manufacturing Company, Chicago, Ill. Filling or packing material. 1,986,819; Jan. 8.
- Herbster, George, Cleveland, Ohio. Gas cock. 2,020,414; Nov. 12.
- Herbster, George, assignor to The Cleveland Cooperative Stove Company, Cleveland, Ohio. Oven light. 1,992,209; Feb. 29.
- Herbster, George, assignor to The Cleveland Cooperative Stove Company, Cleveland, Ohio. Air heating and conditioning device. 2,023,136; Dec. 3.
- Herby, Frederick C. (See Ostrander, P. H., and Herby.)
- Hercules Glue Company. (See Lindstaedt, Frank F., assignor.)
- Hercules Glue Company. (See Littooy, J. F., and Lindstaedt, assignors.)
- Hercules Motors Corporation. (See Engel, W. F., La Salle and Treiber, assignors.)
- Hercules Motors Corporation. (See Treiber, Otis D., assignor.)
- Hercules Powder Company. (See Alexander, Harvey B., assignor.)
- Hercules Powder Company. (See Bennett, James L., assignor.)
- Hercules Powder Company. (See Borglin, Joseph N., assignor.)
- Hercules Powder Company. (See Borglin, J. N., and Bent, assignors.)
- Hercules Powder Company. (See Champney, Hubert H., assignor.)
- Hercules Powder Company. (See Crater, Willard de C., assignor.)
- Hercules Powder Company. (See Dörr, Eduard, assignor.)
- Hercules Powder Company. (See Gilbert, Carl B., assignor.)
- Hercules Powder Company. (See Greider, Clarence E., assignor.)
- Hercules Powder Company. (See Humphrey, Irvin W., assignor.)
- Hercules Powder Company. (See Littmann, Edwin R., assignor.)
- Hercules Powder Company. (See Lorand, Eugene J., assignor.)
- Hercules Powder Company. (See Nash, Henry E., assignor.)
- Hercules Powder Company. (See Nordenswan, C. J., and Schlaanstone, assignors.)
- Hercules Powder Company. (See North, Don F., assignor.)
- Hercules Powder Company. (See Norton, Sereno G., assignor.)
- Hercules Powder Company. (See Peterson, Ernest G., assignor.)
- Hercules Powder Company. (See Peterson, E. G., and Littmann, assignors.)
- Hercules Powder Company. (See Pickett, Oscar A., assignor.)
- Hercules Powder Company. (See Rankin, Lanning P., assignor.)
- Hercules Powder Company. (See Rummelsburg, Alfred L., assignor.)
- Hercules Powder Company. (See Rummelsburg, A. L., and Little, assignors.)
- Hercules Powder Company. (See Shankweiler, Fred K., assignor.)
- Hercules Powder Company. (See Shankweiler, F. K., and Gloor, assignors.)
- Hercules Powder Company. (See Speicher, John K., assignor.)
- Hercules Powder Company. (See Wiggam, David R., assignor.)
- Hercules Powder Company. (See Wiggam, D. R., and Tinsley, assignors.)
- Herder, Max, Hamburg, assignor to Sachtleben Aktien-gesellschaft für Bergbau und Chemische Industrie, Cologne-on-the-Rhine, Germany. Preparation of pure barium zincates and pure barium compounds from the latter. 2,011,281; Aug. 13.
- Herdieckerhoff, Ernst. (See Schubert, M., and Herdieckerhoff.)
- Herdlein, Wallace H., St. Louis, Mo., assignor to American Car & Foundry Company, New York, N. Y. Air conditioning system. 1,990,324; Feb. 5.
- Herdlein, Wallace H., St. Louis, Mo., assignor to American Car & Foundry Company, New York, N. Y. Apparatus for conditioning air. 2,000,841; May 7.
- Herfurth, Charles, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,993,840; Mar. 12.
- Herfurth, Charles, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,006,554; July 2.
- Hering, Henry R. (See Hamilton, Charles E., Sr., assignor.)
- Herion, Heinrich G., New York, N. Y. Fan. 2,004,984; June 18.
- Heritage, Clark C., Rumford, Maine, and V. P. Edwardes, New York, N. Y. Method of and apparatus for circulating liquors and vapors in digesters. 1,991,211; Feb. 12.
- Herkenberg, Karl, Oberbarmen-Heckinghausen, Germany. Extensible electric conductor. 2,002,739; May 28.
- Herkenberg, Karl, Oberbarmen-Heckinghausen, Germany. Production of extensible electric conductors. 2,013,211; Sept. 3.
- Herlach, Fritz. (See Herlach, Heinrich and F.)
- Herlach, Fritz. (See Rakula, T., and Herlach.)
- Herlach, Fritz, and T. Rakula, assignors to Waffenfabrik Solothurn A.-G., Solothurn, Switzerland. Box magazine for automatic loading weapons. 1,994,392; Mar. 12.
- Herlach, Fritz, and T. Rakula, assignors to Waffenfabrik Solothurn A.-G., Solothurn, Switzerland. Box magazine for automatic loading firearms. 2,014,177; Sept. 10.
- Herlach, Fritz and H., assignors to Waffenfabrik Solothurn A.-G., Solothurn, Switzerland. Dismountable gun mounting. 2,021,551; Nov. 19.
- Herlach, Heinrich. (See Herlach, Fritz and H.)
- Herlach, Heinrich, assignor to Waffenfabrik Solothurn A.-G., Solothurn, Switzerland. Gun mounting adapted to be divided into separate loads. 1,995,982; Mar. 26.

- Herlach, Heinrich, Berlin-Frohnau, Germany, assignor to Waffenfabrik Solothurn A.-G., Solothurn, Switzerland. Wheeled gun carriage. 2,016,717; Oct. 8.
- Herlach, Heinrich and F., assignors to Waffenfabrik Solothurn A.-G., Solothurn, Switzerland. Detachably connecting braced supporting legs to gun mountings. 1,995,981; Mar. 26.
- Herlihy, John J., and J. P. Dorsey, Weston, W. Va. Cap turning implement. 2,009,774; July 30.
- Herling, David, New York, N. Y. Light modifying method and apparatus. 2,025,861; Dec. 31.
- Herly, Jack, Milwaukee, Wis. Vegetable peeler. 2,007,647; July 9.
- Herman, Alexander, Berlin, Germany. Carrier consisting of a braced metal frame. 1,995,248; Mar. 19.
- Herman, Alexander, Berlin, Germany. Fastening and connection for glass plates. 2,010,394; Aug. 6.
- Herman, Bennett M., assignor to N. J. Herman, Newark, N. J. Photographic camera. 2,018,670; Oct. 29.
- Herman, Fred W. (See Laddon, I. M., Ring, and Herman.)
- Herman, Isidor. (See Berlin, B., and Herman.)
- Herman, James H., assignor of one-tenth to J. J. Allman, Austin, Tex. Sandwich making apparatus. 2,016,233; Oct. 1.
- Herman, Natalie J. (See Herman, Bennett M., assignor.)
- Herman, Norman B. (See Wilson, William B., assignor.)
- Herman, Samuel M., Brooklyn, N. Y. Oil composition and making the same. 2,008,419; July 16.
- Hermani, Henry, assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Closure for receptacles. 1,988,383; Jan. 15.
- Hermani, Henry, assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Round cornered box with tray insert. 2,013,051; Sept. 3.
- Hermani, Henry, assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Method and apparatus for assembling receptacle parts. 2,019,223; Oct. 29.
- Hermann, Benjamin R., Pittsfield, Mass., assignor to General Electric Company. Expulsion fuse. 1,992,030; Feb. 19.
- Hermann, Charles E., St. Louis, Mo. Air separator. 2,018,669; Oct. 29.
- Hermann, John F., Havana, Ill. High pressure journal lubricator. 2,005,464; June 18.
- Hermann, Peter C., Berlin-Zehlendorf, Germany, assignor to General Electric Company. Magnetic flux generation and magnetic testing. 2,023,228; Dec. 3.
- Hermann, Siegwart, Prague, Czechoslovakia. Salts of bromine-substituted unsaturated fatty acids, and preparing same. 2,014,045; Sept. 10.
- Hermann, Walter H., Lancaster, Ohio, assignor to M. L. Burnett, Glendale, Calif. Vending machine. 1,996,472; Apr. 2.
- Hermanns, Fred, New York, N. Y. Filling apparatus for storage batteries. 1,993,006; Mar. 5.
- Hermanspahn, Paul, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio course indicator. 2,025,104; Dec. 24.
- Hermanson, William A. (See Bangs, R. L., and Hermanson.)
- Hermisdorf, Walter H., assignor, by mesne assignments, to S. H. G. Incorporated, Chicago, Ill. Carbureting process. 1,994,247; Mar. 12.
- Hermisdorf, Walter H., assignor to Chain Store Products Corporation, Chicago, Ill. Hair gripping fastener. 1,994,248; Mar. 12.
- Herndon, Francis E. (See Laudenbach W., and Herndon.)
- Herndon, Lee R., Kenmore, assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Machine. 2,000,079; May 7.
- Hernes, Frank, Chicago, Ill. Table. 2,008,613; July 16.
- Hernlund, John W. (See Jagger, H., and Hernlund.)
- Hernlund, John W. (See Marchev, A., and Hernlund.)
- Hernlund, John W. (See McCain, C. C., and Hernlund.)
- Hernlund, John W., La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Bed plate for duplicating machines. 2,026,037; Dec. 31.
- Hernlund, John W., La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Attachments for applying master sheets to duplicating machines. 2,026,038; Dec. 31.
- Hernlund, John W., La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating apparatus. 2,026,089; Dec. 31.
- Hernlund, John W., La Grange, and M. G. Stewart, Chicago, assignors to Ditto, Incorporated, Chicago, Ill. Master sheet laying device for duplicating machines. 2,007,247; July 9.
- Hernlund, John W., La Grange, and H. Jagger, Chicago, assignors to Ditto Incorporated, Chicago, Ill. Duplicating machine. 2,019,702; Nov. 5.
- Hernlund, John W., La Grange, and H. Jagger, Chicago, Ill., assignors to Ditto Incorporated, Chicago, Ill. Duplicating machine. 2,019,703; Nov. 5.
- Herold, Edward W., Bloomfield, N. J., assignor to Radio Corporation of America. Electron discharge tube. 2,018,362; Oct. 22.
- Herold, James L., and J. W. Dawson, assignors to Barry-Wehmiller Machinery Company, St. Louis, Mo. Signal device. 1,993,406; Mar. 5.
- Herold, James L., and J. W. Dawson, assignors to Barry-Wehmiller Machinery Company, St. Louis, Mo. Apparatus for pasteurizing liquids in containers. 2,010,667; Aug. 6.
- Herold, James L., and J. W. Dawson, assignors to Barry-Wehmiller Machinery Company, St. Louis, Mo. Bottle brushing device. 2,022,200; Nov. 26.
- Herold, James L., and J. W. Dawson, assignors to Barry-Wehmiller Machinery Company, St. Louis, Mo. Apparatus for cleaning bottles. 2,022,201; Nov. 26.
- Herold, Paul, and H. Kaufmann, Leuna, Germany, assignors to Standard-I. G. Company, Linden, N. J. Destructive hydrogenation of carbonaceous material. 2,002,997; May 28.
- Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Brake for casters. 1,998,236; Apr. 16.
- Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Chair iron. 2,008,209; July 16.
- Heron, Donald D., and R. S., Pittsburgh, Pa. Holder for dental X-ray films. 2,005,993; June 25.
- Heron, Robert S. (See Heron, Donald D., and R. S.)
- Herpen, August T., Berlin, Germany, assignor to La Mont Corporation, New York, N. Y. Heat exchanger, boiler, and the like. 2,012,007; Aug. 20.
- Herr, Albert H., Port Huron, Mich. Solder coupling. 2,005,189; June 18.
- Herr, Frank E., Lancaster, Pa. Burner. 1,995,099; Mar. 19.
- Herr, Harvey C. (See Herr, Henry C. and H. E.)
- Herr, Henry C., assignor to Herr Manufacturing Company, Inc., Buffalo, N. Y. Flyer for spinning machines. 2,015,558; Sept. 24.
- Herr, Henry C., Buffalo, N. Y., assignor to Herr Manufacturing Company, Inc. Flyer for spinning machines. 2,017,498; Oct. 15.
- Herr, Henry C., and H. E. Herr, assignors to Herr Manufacturing Company, Inc., Buffalo, N. Y. Flyer for spinning machines. 2,015,557; Sept. 24.
- Herr, Herbert T., Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transportation apparatus. 1,997,299; Apr. 9.
- Herr, John Z., New York, N. Y. Combination juice-extractor and beverage shaker. 2,019,535; Nov. 5.
- Herr, Julius, New York, N. Y. Rolling window screen. 1,996,108; Apr. 2.
- Herr Manufacturing Company. (See Herr, Henry C., assignor.)
- Herr-Manufacturing Company. (See Herr, Henry C. and H. E., assignors.)
- Herre, Gerda, et al. (See Herre, Peter.)
- Herre, Gerda, et al., heirs. (See Herre, P., and Hix.)
- Herre, Margarete, et al. (See Herre, Peter.)
- Herre, Margarete, nee Erpel. (See Herre, Peter, and Hix.)
- Herre, Peter, deceased, Berlin-Fichtenau, Kreis Niederbarnim, by M. Herre, nee Erpel, G. Herre, and U. Herre, heirs, Berlin-Fichtenau, Kreis Niederbarnim, Germany, assignors to General Electric Company. Gaseous electric discharge device. 1,994,312; Mar. 12.
- Herre, Peter, deceased, Berlin-Fichtenau, Kreis Niederbarnim, by M. Herre, nee Erpel, G. Herre, and U. Herre, Berlin-Fichtenau, K. Niederbarnim, Germany, heirs, and A. Hix, Berlin-Karlshorst, Germany, assignors to General Electric Company. Method of and apparatus for uniting bases to the glass bulbs of electric incandescent lamps and similar articles. 2,008,503; July 16.
- Herre, Ursula, et al. (See Herre, Peter.)
- Herre, Ursula, et al., heirs. (See Herre, P., and Hix.)
- Herrenbruck, Herman, assignor to Orbon Stove Co., Belleville, Ill. Stove. 1,986,820; Jan. 8.
- Herrick, Charles B., Stanley, N. Dak. Potato cutter and planter. 2,023,323; Dec. 3.
- Herrick, Charles H., Boston, Mass. Scissors and the like. 1,987,935; Jan. 15.
- Herrick, Henry N. (See McLaughlin, W. I., Herrick, and Wedemeyer.)
- Herrick, Henry N., Berkeley, and W. G. Miller, Albany, assignors to Standard Oil Company of California, San Francisco, Calif. Pressure and temperature recorder. 2,015,851; Oct. 1.
- Herrick, Henry N., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Well pumping apparatus. 2,020,550; Nov. 12.
- Herrick, Horace T. (See May, O. E., Herrick, Moyer, and Wells.)
- Herrick, Lee E. (See Page, Reford L., assignor.)
- Herriger, Felix. (See Kühle, W. E., Prinz, and Herriger.)
- Herring, Clyde S., Robstown, Tex. Cotton humidifier. 2,019,079; Oct. 29.
- Herring, James R., Chicago, Ill. Belt clamp device. 1,995,425; Mar. 26.
- Herring, Jesse B., assignor of forty-nine per cent to R. D. Smith and J. B. Christian, Dallas, Tex. Head lamp for vehicles. 2,015,935; Oct. 1.
- Herring, Percy H., assignor to G. N. Haden & Sons Limited, London, England. Control apparatus for liquid fuel burners. 1,989,860; Feb. 5.
- Herrington, George S., et al, Trustees. (See Pratt, Harry P., assignor.)
- Herrlinger, Albert P., assignor to The Herrlinger Paper Co., Cincinnati, Ohio. Collar support. 2,006,201; June 25.
- Herrlinger, Fritz, Berlin, Germany, assignor to General Electric Company. Assembling packing rings in turbine rotors. 2,001,492; May 14.
- Herrlinger Paper Co., The. (See Herrlinger, Albert P., assignor.)

- Herrmann, Conrad, Wuppertal-Elberfeld, Germany, assignor to North American Rayon Corporation, New York, N. Y. Apparatus used in drawing yarn vertically from bobbins. 2,015,221; Sept. 24.
- Herrmann, Ernst. (See Herrmann, Richard, and Ernst.)
- Herrmann, Hans, Kiel, Germany. Braking device for aircraft catapults. 1,991,212; Feb. 12.
- Herrmann, Johannes, Dresden, assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Delivery device for cigarette rod machines. 2,010,486; Aug. 6.
- Herrmann, Karl L., South Bend, Ind. Feeding device for centerless grinders. 1,989,923; Feb. 5.
- Herrmann, Karl L., South Bend, Ind. Roller bearing. 2,007,194; July 9.
- Herrmann, Karl L., South Bend, Ind. Machine for forming roller blanks. 2,014,203; Sept. 10.
- Herrmann, Karl L., South Bend, Ind. Lubricating means for antifriction bearings. 2,014,204; Sept. 10.
- Herrmann, Karl L. and H. Frauenthal, South Bend, Ind. Antifriction bearing. 2,010,362; Aug. 6.
- Herrmann, Karl L., South Bend, Ind. Antifriction bearing and making same. 2,016,923; Oct. 8.
- Herrmann, Karl L., South Bend, Ind. Antifriction bearing. 2,016,924; Oct. 8.
- Herrmann, Karl L., assignor to The Bantam Ball Bearing Company, South Bend, Ind. Machine for cutting roller blanks. 2,020,837; Nov. 12.
- Herrmann, Richard, and E. Stuttgart, Germany. Electrically controlled screw-cutting machine. 1,991,927; Feb. 19.
- Herrmann, Walter. (See Streitwolf, K., Fehrlé, Herrmann, Fritzsche, and Schnitzer.)
- Herrmann, Walter, Dresden, Germany. Injection device. 2,006,572; July 2.
- Herrmann, Werner, Finkenkrug, near Berlin, and E. Evers, Berlin-Wilmersdorf, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrolytic condenser. 2,018,522; Oct. 22.
- Herrmann, Willy O., H. Deutsch, and W. Haehnel, assignors, by mesne assignments, to Chemische Forschungsgesellschaft, m. b. H., Munich, Germany. Synthetic resin composition and making same. 1,985,993; Jan. 1.
- Herrmann, Willy O. and W. Haehnel, assignors, by mesne assignments, to Chemische Forschungsgesellschaft, m. b. H., Munich, Germany. Plastic masses containing alcohol soluble polymerized vinyl compounds and preparing same. 1,997,489; Apr. 9.
- Herrold, Herschel M., Kansas City, Mo. Suppository mold and container. 2,012,535; Aug. 27.
- Herron, Ollie L., et al. (See Hall, William J., assignor.)
- Hersch, Bert C., San Jose, Calif. Pupillometer. 2,022,202; Nov. 26.
- Hersey, Arthur J. (See Madden, C. L., and Hersey.)
- Hersey Manufacturing Company. (See Farrow, William H., assignor.)
- Hersey, Ralph E., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing system. 2,004,607; June 11.
- Hersey, Ralph E., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,023,589; Dec. 10.
- Hershey, Harry E., Oak Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Selecting system. 1,986,972; Jan. 8.
- Hershey, Harry E., Oak Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Signaling system. 2,008,909; July 23.
- Hershey, Harry E., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Indicating system. 1,999,810; Apr. 35.
- Hershey, Harry E., Oak Park, and A. H. Belliveau, Chicago, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Dispatching system. 2,008,910; July 23.
- Hersot, Lucien, Paris, France, assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind. Brake. 1,989,194; Jan. 29.
- Hersot, Lucien, Paris, France, assignor to Bendix Brake Company, Chicago, Ill. Brake. 2,009,179; July 23.
- Herstein, Abe, assignor to W. Füsse and himself, Chicago, Ill., joint trustees. Baby bottle. 2,025,508; Dec. 24.
- Herthel, Eugene C. and T. D. Tiff, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbons. 1,992,614; Feb. 26.
- Herting, Otto, Philadelphia, Pa., assignor, by mesne assignments, to Edward O. Bogert, New York, N. Y. Cooking utensil. 2,007,682; July 9.
- Hertz, Hjalmar, New York, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Dust-bag support fastening for portable suction cleaners. 2,005,690; June 18.
- Hertz, Hjalmar, New York, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Dust-bag support for portable suction cleaners. 2,005,691; June 18.
- Hertz, Israel M. (See Lifszitz, Sol, assignor.)
- Hertzberg, Harry, New York, N. Y. Yacht mop. 1,997,684; Apr. 16.
- Hertzberg, Harry, New York, N. Y. Mop connector. 1,997,685; Apr. 16.
- Hertzberg, Harry, Brooklyn, N. Y. Talking picture screen. 2,000,174; May 7.
- Hertzberg, Harry, New York, N. Y. Can holder for oil mops. 2,017,245; Oct. 15.
- Hertzberg, Harry, New York, N. Y. Holder for polishing swabs. 2,017,246; Oct. 15.
- Hertzberg, Harry, Brooklyn, N. Y. Sound picture screen. 2,019,675; Nov. 5.
- Hertaberg, Jacob, Philadelphia, Pa. Spat. 1,989,418; Jan. 29.
- Hervé, Alexandre, Clichy, France, assignor to Bendix Brake Company, Chicago, Ill. Brake. 1,994,820; Mar. 19.
- Herz, Alexander, New Rochelle, N. Y. Visible date scheduling appliance. 2,025,745; Dec. 31.
- Herz, Alexander. (See Conti, Eugene, assignor.)
- Herz Cup Company. (See Conti, Eugene, assignor.)
- Herz, Edmund, Berlin-Charlottenburg, Germany, assignor to Remington Arms Company, Inc. Manufacture of lead stypnate. 1,999,728; Apr. 30.
- Herz, Richard, Frankfurt-on-the-Main, and W. Zerweck and W. Hechtenberg, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the thiazine series. 1,996,867; Apr. 9.
- Herz, Richard, Frankfurt-on-the-Main, and M. Schubert, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Producing amino-aryl-thiazole compounds. 2,003,444; June 4.
- Herzberg, Gustav, Newark, and W. Ambrunn, Harrison, assignors to General Importing Company, East Newark, N. J. Electric lamp bulb. 2,025,588; Dec. 24.
- Herzbrun, Isadore and C. F. Schultis, Cleveland, Ohio. Safety shower bath spray head. 2,010,455; Aug. 6.
- Herzmark, Nicolas, Paris, France. Fluid compressor. 1,991,460; Feb. 19.
- Herzog, Edward, Brooklyn, N. Y. Cushion mangle drum. 1,990,648; Feb. 12.
- Herzog, Erwin P., St. Louis, Mo. Measuring instrument. 2,004,724; June 11.
- Herzog, Herman A., Newton, assignor to A. C. Lawrence Leather Company, Boston, Mass. Tanning. 2,019,568; Nov. 5.
- Herzog, John H., Laurelton, N. Y. Wiper for transparent bodies. 2,012,814; Aug. 27.
- Herzog, Robert. (See Fischer, H. R., and Herzog.)
- Hescher, Lotte, maiden name Baumann, Frankfurt-on-the-Main-Wiesbaden, Germany, assignor, by mesne assignments, to H. L. Worthington, San Francisco, Calif., doing business as Worthington Laboratories. Closure. 2,012,275; Aug. 27.
- Hess, Charles E., Chicago, Ill., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for use in the cutting of laminated glass. 2,022,466; Nov. 26.
- Hess, Dr., and Clark, Inc. (See Clark, J. L., and Mansfield, assignors.)
- Hess, Edward B., Orlando, Fla., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,002,395; May 21.
- Hess, Edward C., assignor of one-third to E. Hess, and one-third to M. J. Paul, Berlin, Wis. Automatic control for fluid brakes. 2,008,393; July 16.
- Hess, Emil, et al. (See Hess, Edward C., assignor.)
- Hess, Emil E., and E. R. Smits, assignors to The Sayers & Scovill Company, Cincinnati, Ohio. Hearse. 1,995,640; Mar. 26.
- Hess, Erhard, Dorchester, Mass. Swimming practice apparatus. 2,019,224; Oct. 29.
- Hess, Eugene E., Las Cruces, Calif. Attachment for re-loading tools. 2,016,676; Oct. 8.
- Hess, Freas L., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Article of manufacture and making the same. 2,025,052; Dec. 24.
- Hess, Fred, assignor to The Sels Company, Philadelphia, Pa. Fuel burner. 1,995,122; Mar. 19.
- Hess, Gustav, assignor to Carl Zeiss, Firm, Jena, Germany. Instrument for plotting maps from photographs. 1,999,236; Apr. 30.
- Hess, Margaret, Morocco, Ind. Spoon. 2,004,756; June 11.
- Hess, Raymond W., Buffalo, assignor to National Aniline & Chemical Co. Inc., New York, N. Y. Aralkyl trithiocarbonates. 2,021,726; Nov. 19.
- Hesse, Charles J., Footscray, Victoria, Australia. Supporting bracket for blinds and the like. 1,995,983; Mar. 26.
- Hesse, Walther, Aachen, Germany. Stylus for making sound records. 2,017,696; Oct. 15.
- Hesselman, Knut J. E., Saltsjö Störängen, Sweden. Device for injecting fuel into internal combustion engines. 2,012,128; Aug. 20.
- Hesselman Motor Corporation, Ltd. (See Dillström, Torbjörn V., assignor.)
- Hesser, Fr., Maschinenfabrik-Aktiengesellschaft. (See Fillmann, Karl, assignor.)
- Hessle, Eric T., Lockport, assignor to Thiophene Products Company, Chicago, Ill. Sulphonated and neutralized hydrocarbon sulphur compounds. 1,996,334; Apr. 2.
- Hessler, Charles H., Dayton, Ohio. Nonskid device for motor vehicles. 1,995,249; Mar. 19.
- Hesson, Charles M., Hanover, Pa., assignor to The New-Way Canning Machine Company, Westminster, Md. Boxing machine. 1,990,603; Feb. 12.
- Hesson, Charles M., assignor to Hanover Machine Corporation, Hanover, Pa. Labeling machine. 1,995,306; Mar. 26.
- Hester, Levi C., Jacksonville, Fla. Cultivator attachment for tractors. 2,019,854; Nov. 5.

- Hester, Loring B., assignor of one-third to W. T. Dowden, Tallahassee, Fla. Chock. 2,003,747; June 4.
- Hester, William F. (See Robinson, J. D., and Hester.)
- Hester, William F., Drexel Hill, assignor to Röhm & Haas Company, Philadelphia, Pa. Condensation products of diisobutylene and phenols. 2,008,017; July 16.
- Hester, William F., Drexel Hill, H. R. Raterink, Philadelphia, and Ian C. Somerville, Fox Chase, assignors to Röhm & Haas Company, Philadelphia, Pa. Synthetic tanning material. 1,989,802; Feb. 5.
- Hetenyi, Paul, New York, N. Y., assignor to Solar Manufacturing Corporation. Electrolytic condenser. 2,009,494; July 30.
- Hetherington, Harry C. (See de Ropp, H. W., and Hetherington.)
- Hetherington, Harry C., and H. W. De Ropp, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Prevention of corrosion in urea synthesis. 1,986,973; Jan. 8.
- Hetherington, Herbert W., Cranston, assignor to The J. C. Hall Co., Providence, R. I. Apparatus for making master printing plates. 2,009,262; July 23.
- Hetherington, Sidney W., Piqua, assignor to Delco-Light Company, Dayton, Ohio. Electrically operated system. 2,017,968; Oct. 22.
- Hetherington, William G., and G. W. Ufford, Philadelphia, Pa.; said Ufford assignor to said Hetherington. Universal brake and drum gauge. 1,997,639; Apr. 16.
- Hetrick, Homer J., Akron, Ohio. Attention attracting device. 2,012,390; Aug. 27.
- Hetrick Manufacturing Company, The. (See Friesner, Charles E., assignor.)
- Hetrick Manufacturing Company, The. (See Rideout, John G., assignor.)
- Hetrick Manufacturing Company, The. (See Smith, Milton B., assignor.)
- Hetzl, Charles E., South Hadley Falls, assignor to Zeloid Products Corporation, Holyoke, Mass. Film forming machine. 2,017,094; Oct. 15.
- Hetzer, Albert G., Rush, N. Y. Ice cream freezer. 1,998,871; Apr. 23.
- Hetzer, Russell A., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Heat reclaimer. 1,991,980; Feb. 19.
- Hetzer, Russell A., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Dry cleaning apparatus. 1,993,407; Mar. 5.
- Hetzer, Russell A., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Vent for garment cleaning systems. 1,995,064; Mar. 19.
- Hetzer, Russell A., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Vent for garment cleaning systems. 1,995,065; Mar. 19.
- Heubach, Ernest, New York, N. Y. Electric cutter for ceilings, walls, and the like. 1,990,991; Feb. 12.
- Heuberger, Josef F., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. System for eliminating radio interference. 1,998,580; Apr. 23.
- Heuck, Claus. (See Luther, M., Fungs, Griessbach, and Heuck.)
- Heuer, Russell P., Bryn Mawr, Pa., assignor to General Refractories Company. High-pressure brick containing magnesite and making the same. 1,992,482; Feb. 26.
- Heuer, Russell P., Bryn Mawr, Pa., assignor to General Refractories Company. High pressure chrome refractory. 1,992,483; Feb. 26.
- Heumann, Gustav, Cologne, Germany. Showcase clamp. 1,987,826; Jan. 15.
- Heuser, Herman, Evanston, Ill. Clear liquid egg. 1,989,359; Jan. 29.
- Heuser, Herman, Evanston, assignor to United States Process Corporation, Chicago, Ill. Manufacture of chill-proofed full-bodied albuminoid-containing fermented beverages. 1,995,275; Mar. 19.
- Heuser, Ralph C., Cranford, N. J., assignor to American Cranamid Company, New York, N. Y. Making thiourea. 1,991,852; Feb. 19.
- Houston, Howard H., Boulder, Colo. Trash burner. 2,001,360; May 14.
- Heveatex Corporation. (See Crockett, James B., assignor.)
- Heveatex Corporation. (See Edwards, John, assignor.)
- Heveatex Corporation. (See Noble, Royce J., assignor.)
- Heveatex Corporation. (See Winchester, George W., assignor.)
- Hevi Duty Electric Company. (See Hansen, F. A., and Koch, assignors.)
- Hewgill, Russell, Sudbury, Ontario, Canada, assignor to The American Metal Company, Limited, New York, N. Y. Casting phosphorized copper. 2,023,957; Dec. 10.
- Hewzley, James M., Oklahoma City, Okla. Fluid operated lift for oil wells. 2,021,997; Nov. 26.
- Hewitt, Alfred G., assignor to The Visking Corporation, Chicago, Ill. Method and apparatus for shirring sausage casings or the like. 1,993,480; Mar. 5.
- Hewitt, Alfred G., assignor to The Visking Corporation, Chicago, Ill. Shirred tubing and preparing the same. 2,001,461; May 14.
- Hewitt, Edgar G., et al. (See Gidney, Claud W., assignor.)
- Hewitt, Ellis E. (See Down, S. G., and Hewitt.)
- Hewitt, Ellis E. (See Farmer, C. C., and Hewitt.)
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Valve device. 1,986,475; Jan. 1.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,995,807; Mar. 26.
- Hewitt, Ellis E., Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electro-pneumatic brake. 2,002,892; May 28.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,009,841; July 30.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Reservoir release valve. 2,012,717; Aug. 27.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Reservoir release valve. 2,012,718; Aug. 27.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Air strainer. 2,014,895 Sept. 17.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,024,643; Dec. 17.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Piston seal gasket. 2,024,989; Dec. 17.
- Hewitt, Ellis E., Edgewood, and C. C. Farmer, Pittsburgh, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,024,642; Dec. 17.
- Hewitt, Ernest W., Stamford, Conn., and G. I. Roberts, New York, assignors to The Western Union Telegraph Company, New York, N. Y. Tape puller for projectors. 2,019,855; Nov. 5.
- Hewlett, Samuel D. (See Birch, Charles, assignor.)
- Hewton, William R. (See Bird, W. F., and Hewton.)
- Hexcel Radiator Company. (See Opitz, Fred M., assignor.)
- Heyde, Henry F., assignor to City of Milwaukee, Milwaukee, Wis. Municipal service post. 2,026,385; Dec. 31.
- Heyden Chemical Corporation, et al. (See Canon, Frank A., assignor.)
- Heyl, Frederick W., Portchester, assignor to Kemp Lock, Inc., New York, N. Y. Lock. 1,996,376; Apr. 2.
- Heyer, Benjamin F. W., Bloomfield, assignor to Atlas Supply Company, Newark, N. J. Storage battery charging rack and display stand. 2,005,623; June 18.
- Heyer, Don, assignor to United States Electrical Manufacturing Company, Los Angeles, Calif. Variable speed transmission device. 1,993,547; Mar. 5.
- Heyer, Don, assignor to United States Electrical Manufacturing Company, Los Angeles, Calif. Flexible power transmission device. 2,023,421; Dec. 10.
- Heyer, Eric H. (See Bornmann, Lessler, and Heyer.)
- Heyerdahl, Frederick C., Latrobe, Pa. Protractor. 2,009,887; July 30.
- Heygel, Paul R., Ridgefield, N. J., assignor to H. H. Straus, New York, N. Y. Making booklets of cigarette paper. 2,021,064; Nov. 12.
- Heyl, Albert D. (See Wentz, W. W., and Heyl.)
- Heyler, Charles J. (See Zieglar, George J., assignor.)
- Heyman, Ernest J. (See Parsons, R. J., and Heyman.)
- Heyman, Nathan, assignor to Oscar Heyman & Brothers, Inc., New York, N. Y. Wedding ring. 1,999,974; Apr. 30.
- Heyman, Oscar, & Brothers, Inc. (See Heyman, Nathan, assignor.)
- Heyman, Wilbert A., New York, N. Y. Making soluble coffee and product. 2,022,467; Nov. 26.
- Heymann, Roy D., Gardiner, Maine, and F. C. Clark, Newton, Mass., assignors to Moulded Pulp Corporation, New York, N. Y. Method of and apparatus for molding pulp articles. 2,025,053; Dec. 24.
- Heymann, Roy D., Woodbridge, Conn., assignor, by mesne assignments, to Moulded Pulp Corporation, Dover, Del. Fiber bottle. 2,026,171; Dec. 31.
- Heymer, Gerd. (See Eggert, J., and Heymer.)
- Heymer, Gerd, Dessau-Anhalt, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Apparatus for projecting lenticular films in natural colors. 1,991,670; Feb. 19.
- Heymer, Gerd, Dessau-Ziebigk, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Manufacture of lenticular films. 1,996,868; Apr. 9.
- Heymer, Gerd, Dessau-Ziebigk, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Producing cinematographic three- and multi-color pictures. 2,001,250; May 14.
- Heymer, Gerd, Dessau-Ziebigk/Anhalt, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Photographic material. 2,020,607; Nov. 12.
- Heymer, Gerd, Dessau-Ziebigk, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Printing copies from a lenticular film. 2,022,768; Dec. 3.
- Heymer, Gerd, Dessau-Ziebigk, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Illuminating device. 2,025,862; Dec. 31.
- Heyna, Hans, and H. Huber, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo-dyestuffs. 2,016,495; Oct. 8.
- Heyndrickx, Pierre, Roubaix, France. Manufacture of cartons, pots and like receptacles of thin metal and paper, cardboard, and the like. 2,019,412; Oct. 29.
- Heyroth, Albert H., assignor to Global Corporation, Niagara Falls, N. Y. Temperature controlling device. 2,005,584; June 18.

- Heyroth, Albert H., and J. I. Miller, assignors to The Globar Corporation, Niagara Falls, N. Y. Electric furnace. 2,007,605; July 9.
- Heyroth, Albert H., and W. E. Schildhauer, assignors to Globar Corporation, Niagara Falls, N. Y. Electrical resistor and its manufacture. 2,022,314; Nov. 26.
- Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Manufacture of envelopes. 2,012,391; Aug. 27.
- Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Machine for applying fasteners to envelopes. 2,024,763; Dec. 17.
- Heywood, Vincent E., and G. A. Anderson, Worcester, assignors to United States Envelope Company, Springfield, Mass. Machine for applying metallic fasteners to envelopes. 1,993,059; Mar. 5.
- Heywood-Wakefield Company. (See Bell, Alfred B., assignor.)
- Heywood-Wakefield Company. (See Chandler, George E., assignor.)
- Heywood-Wakefield Company. (See Larsen, Lewis, assignor.)
- Heywood-Wakefield Company. (See Owler, T. D., and Conway, assignors.)
- Heywood-Wakefield Company. (See Steele, C. W., and Levine, assignors.)
- Heywood-Wakefield Company. (See Stinson, G., and Magee, assignors.)
- Hiatt, Enos B., assignor to Carpenter-Hiatt Sales Company, Denver, Colo. Basket liner. 1,991,746; Feb. 19.
- Hibbard, Charles L., Jr., Brookline, assignor to Old Colony Distributing Company, Inc., Boston, Mass. Refrigerator rack. 2,005,939; June 25.
- Hibbert, Harold M., and R. P. Roberts, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of filaments, threads, yarns, and the like. 2,005,785; June 25.
- Hibbs, Clyde. (See Adams, R. U., and Hibbs.)
- Hibbs, William M., Wilmington, N. C. Production and purification of sulphur dioxide. 1,996,764; Apr. 9.
- Hibner, DeLos E., Jr. (See Arey, F. C., and Hibner.)
- Hice, James S., assignor to Industrial Wheel Block Company, Highland Park, Mich. Chock block. 1,996,961; Apr. 9.
- Hice, John W., Detroit, Mich., assignor, by mesne assignments, to The Worth Company. Car loading device. 2,016,430; Oct. 8.
- Hickey, Daniel W., St. Paul, Minn. Pipe elbow. 2,003,538; June 4.
- Hickey, George M., Paoli, Pa., assignor to J. Bishop & Co. Platinum Works, Malvern, Pa. Catalyst for ammonia oxidation and the like. 2,018,760; Oct. 29.
- Hickey, Henri J., Los Angeles, Calif. Internal combustion engine. 1,995,307; Mar. 26.
- Hickey, Henri J., Los Angeles, Calif. Internal combustion engine. 2,002,663; May 28.
- Hickey, Thomas F. (See Anthony, G. R., and Hickey.)
- Hickler, Walter R. (See Ferguson, G., and Hickler.)
- Hickman, Albert F., Eden, assignor to Hickman Pneumatic Seat Company, Inc., Eden, N. Y. Resiliently mounted wheel. 2,012,008; Aug. 20.
- Hickman, Clarence N., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone message recording system. 2,006,455; July 2.
- Hickman, Clarence N., Jackson Heights, and E. C. Wente, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic telegraphophone system. 2,003,968; June 4.
- Hickman, Harold L., Hawthorne, Calif. Vacuum regulating valve. 1,999,456; Apr. 30.
- Hickman, John G. (See Bowls, B. H., and Hickman.)
- Hickman, John G., B. H. Bowls, and J. W. Jackson, Detroit, Mich., and H. C. Field, Windsor, Ontario, Canada, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Window guide device. 1,991,017; Feb. 12.
- Hickman, Kenneth C. D., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for tinting photographic film. 1,987,062; Jan. 8.
- Hickman, Kenneth C. D., assignor to Eastman Kodak Company, Rochester, N. Y. Mechanical bolometer. 1,991,152; Feb. 12.
- Hickman, Kenneth C. D., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic reversal process. 2,005,368; June 18.
- Hickman, Kenneth C. D., and W. J. Weyerts, Rochester, assignors to Eastman Kodak Company, Rochester, N. Y. Process and solution for treating photographic images. 2,024,644; Dec. 17.
- Hickman Pneumatic Seat Company. (See Hickman, Albert F., assignor.)
- Hickok Manufacturing Company. (See Dittman, Fred W., assignor.)
- Hickok Manufacturing Company. (See Hickok, Stephen R., assignor.)
- Hickok Manufacturing Company. (See Mix, Edwin S., assignor.)
- Hickok Manufacturing Company. (See Sachs, Morris, assignor.)
- Hickok Manufacturing Company. (See Shields, Lowell W., assignor.)
- Hickok, Stephen R., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Combined collar bar and necktie ornament. 2,022,346; Nov. 26.
- Hickok, W. O., Manufacturing Company. (See Broadmeyer, Albert, assignor.)
- Hickox, Jay R. (See True, C. H., and Hickox.)
- Hickox, Sherman G., assignor to Scoville Manufacturing Company, Waterbury, Conn. Lip stick holder. 2,013,308; Sept. 3.
- Hicks, Harlie H. (See Crawford, J. M., and Hicks.)
- Hicks, James H., Winnipeg, Manitoba, Canada. Self-administering carbon dioxide apparatus. 2,007,330; July 9.
- Hicks, Maxwell. (See Heath, Albert R. N., assignor.)
- Hicks, Raymond M. (See Haselton, M. L., and Hicks.)
- Hicks, Thomas E., Princeton, N. J., assignor to The Modess Corporation, New York, N. Y. Clasp for sanitary napkins. 2,014,330; Sept. 10.
- Hicks, William P. (See Ellstrom, E. G., and Hicks.)
- Hieber, George E. (See Hoelscher, W. G., Hieber, and Robinson.)
- Hieber, George E., Cincinnati, and W. G. Hoelscher, Norwood, assignors, by mesne assignments, to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Hydraulic gear shifting system. 2,012,082; Aug. 20.
- Hieber, Karl, Philadelphia, Pa. Electric soldering iron. 2,025,509; Dec. 24.
- Hiener, Paul A., Chattanooga, Tenn. Receptacle for beverage bottles and refreshment containers. 2,023,173; Dec. 3.
- Hiergesell, Fred V., Rochelle Park, N. J. Hydrometer. 2,017,095; Oct. 15.
- Hiergesell, Valentine, assignor to H-B Instrument Company, Philadelphia, Pa. Thermometer. 1,995,250; Mar. 19.
- Hiering, William C., assignor to J. E. Mergott Company, Newark, N. J. Cigarette package holder. 1,994,218; Mar. 12.
- Hiering, William C., Millburn Township, Essex County, assignor to The J. E. Mergott Company, Newark, N. J. Bag frame member and securing elements thereto. 1,996,109; Apr. 2.
- Hiering, William C., Millburn, assignor to J. E. Mergott Company, Newark, N. J. Bag frame. 1,997,775; Apr. 16.
- Hiering, William C., Millburn township, Essex County, assignor to J. E. Mergott Company, Newark, N. J. Hand bag. 2,001,307; May 14.
- Hiering, William C., Millburn Township, Essex County, assignor to J. E. Mergott Company, Newark, N. J. Bag frame. 2,017,409; Oct. 15.
- Hiering, William C., assignor to The J. E. Mergott Company, Newark, N. J. Bag frame. 2,017,410; Oct. 15.
- Hiering, William C., assignor to J. E. Mergott Company, Newark, N. J. Bag frame. 2,024,163; Dec. 17.
- Hiers, Herbert A. (See Hiers, Ralph H., and H. A.)
- Hiers, Ralph H., Granville, Mass. Drum-head tightener device. 1,995,066; Mar. 19.
- Hiers, Ralph H., assignor to Noble and Cooley Company, Granville, Mass. Drum head tightener device. 2,009,061; July 23.
- Hiers, Ralph H., and H. A., assignors to Noble and Cooley Company, Granville, Mass. Sound propagating diaphragm and hoop. 2,009,060; July 23.
- Hiestand, Jacob R. (See McWhorter, M. T., and Hiestand.)
- Higbee, Don C., Cantil, Calif. Can perforator and holder. 2,025,450; Dec. 24.
- Higbee, Earl V., assignor to The Stanley Works, New Britain, Conn. Collable measuring rule. 2,005,677; June 18.
- Higbee, James F., assignor of one-half to S. A. Griggs, Detroit, Mich. Brake. 2,001,875; May 21.
- Higby, Ralph H., Ontario, Canada, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Stabilized citrus beverage and sirup. 2,005,786; June 25.
- Higin Manufacturing Company, The. (See Traut, Clifford, assignor.)
- Higinbotham, Robert J., Salisbury, and C. M. Martin, Winston-Salem, assignors to C. M. Martin and L. E. Martin, Winston-Salem, N. C. Calendar rack. 2,018,063; Oct. 22.
- Higinbottom, William E., Haverford Township, Montgomery County, assignor to Benjamin C. Betner Company, Devon, Pa. Closing bags. 2,023,682; Dec. 10.
- Higgins, Darragh L., Dedham, assignor to B. F. Sturtevant Company, Boston, Mass. Heating and cooling apparatus. 1,991,897; Feb. 19.
- Higgins, Fred P. (See Parker, John R., assignor.)
- Higgins, Jesse E., Merkel, Tex. Cultivator attachment. 2,023,050; Dec. 3.
- Higgins, Ralph, Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Phase angle correction network. 1,994,279; Mar. 12.
- High, Carl F., Flint, Mich. Honing tool. 2,000,330; May 7.
- High, George F., and C. H. Webb, Middlesex, England. Vending machine. 2,006,100; June 25.
- High, John M., New York, N. Y. Light display apparatus. 2,005,421; June 18.
- Higham, William W., assignor to Universal Cooler Corporation, Detroit, Mich. Refrigerant gas compressor. 2,025,240; Dec. 24.
- Higberg, Carle J., assignor to The Heald Machine Company, Worcester, Mass. Grinding machine. 2,003,713; June 4.
- Highfield, John S., London, England. Joining together or anchoring wire cables and apparatus therefor. 2,009,318; July 23.
- Highfill, Ernest E., deceased, by J. E. Highfill, administratrix, Los Angeles, Calif. Warning light. 2,024,858; Dec. 17.

- Highfill, Jennie E., administratrix. (See Highfill, Ernest E.)
- High Point Overall Company. (See Garrett, C. C., and Lockwood, assignors.)
- High Production Machine Company. (See Armbruster, Henry A., assignor.)
- Hight, Everett T., Oklahoma City, Okla. Hoisting apparatus. 2,020,888; Nov. 12.
- Highway Form Company. (See Tranchell, Jacob J., assignor.)
- Highway Trailer Company. (See Allen, Edwin H., assignor.)
- Highway Trailer Company. (See Burton, Robert N., assignor.)
- Highway Trailer Company. (See Connors, George H., assignor.)
- Highway Trailer Company. (See Davis, Durrel H., assignor.)
- Highway Trailer Company. (See Erdahl, Nicholas M., assignor.)
- Highway Trailer Company. (See Molinare, Anthony W., assignor.)
- Highway Trailer Company, The. (See Robb, John F., assignor.)
- Highway Trailer Company, The. (See Wagner, Charles H., assignor.)
- Highway Trailer Company. (See Williams, Leroy E., assignor.)
- Higley, Frank R. (See Doland, D. J., and Higley.)
- Higley, Frank R., Cleveland Heights, Ohio. Vehicle drive. 1,991,094; Feb. 12.
- Higley, Frank R., Cleveland Heights, Ohio. Electromechanical drive. 1,992,210; Feb. 26.
- Higley, Frank R., Cleveland Heights, Ohio. Vehicle drive. 2,000,465; May 7.
- Higley, Frank R., Cleveland Heights, assignor, by mesne assignments, to Insulated Steel Construction Company, Cleveland, Ohio. Metal building panel. 1,988,314; Jan. 15.
- Higley, Frank R., Cleveland Heights, Ohio. Paving means. 2,015,897; Oct. 1.
- Higley, Frank R., Cleveland Heights, assignor to Insulated Steel Construction Company, Cleveland, Ohio. Sheet metal floor. 2,026,278; Dec. 31.
- Higson, James F., et al. (See Waltman, Burton B., assignor.)
- Higson, Percy R. (See Larsson, C. A., and Higson.)
- Hilblom, Samuel E. (See Crumb, C. F., and Hilblom.)
- Hild, Frederic W., Los Angeles, Calif. Drilling machine. 2,003,078; May 28.
- Hild, Frederic W., Los Angeles, Calif. Automatic casing-head equipment. 2,009,888; July 30.
- Hild, Frederic W., Los Angeles, Calif. Two-hoist control. 2,009,889; July 30.
- Hild, Frederic W., Los Angeles, Calif. Motor control system. 2,020,945; Nov. 12.
- Hild, Frederic W., Denver, Colo. Drilling machine. 2,003,079; May 28.
- Hildebrand, Friedrich. (See Moller, E., and Hildebrand.)
- Hildebrand, Friedrich, Lankwitz, Berlin, and E. Möller, Karlsborst, Berlin, Germany, assignors to Knorr-Bremse Aktiengesellschaft, Lichtenberg, Berlin, Germany. Driver's brake valve for compressed air brakes. 2,015,181; Sept. 24.
- Hildebrand, James L., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Abrading tool. 2,018,671; Oct. 29.
- Hildebrand, William R., Chicago, Ill. Heating device. 1,987,936; Jan. 15.
- Hildebrandt, Hiram H., Logansport, Ind. Fish lure. 1,990,693; Feb. 12.
- Hildebrecht, Charles V., Chicago, Ill., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermostatically controlled regulator. 2,008,755; July 23.
- Hildenbrand, Glenn. (See Parks, R. D., and Hildenbrand.)
- Hildenbrand, Glenn W. (See Parks, R. D., and Hildenbrand.)
- Hildenbrand, John J., New York, N. Y. Gas tank. 2,001,610; May 14.
- Hildisch, Dietrich, Oslo, Norway. Improving the taste of hydrogenated oils. 2,021,552; Nov. 19.
- Hildorf, Walter G., Canton, Ohio, A. E. White, and C. L. Clark, Ann Arbor, Mich., assignors to The Timken Roller Bearing Company, Canton, Ohio. Alloy steel and articles made therefrom. 2,021,781; Nov. 19.
- Hildorf, Walter G., Canton, Ohio, A. E. White, and C. L. Clark, Ann Arbor, Mich., assignors to The Timken Roller Bearing Company, Canton, Ohio. Alloy steel and articles made therefrom. 2,021,782; Nov. 19.
- Hildorf, Walter G., Canton, Ohio, A. E. White, and C. L. Clark, Ann Arbor, Mich., assignors to The Timken Roller Bearing Company, Canton, Ohio. Alloy steel and articles made therefrom. 2,021,783; Nov. 19.
- Hildreth, Louis R. (See Fortier, B. F., and Miller, assignors.)
- Hileman, Ernest J., and M. J. Schuster, Cleveland, Ohio. Can opener. 2,024,449; Dec. 17.
- Hiler, Edward E., Bloomfield, N. J. Electric wave amplifying system. 2,002,855; May 28.
- Hiler Engineering & Construction Company, Inc. (See Tynan, Desmond P., assignor.)
- Hiles, John E., Hereford, England. Heating the interior of motor vehicles. 1,989,195; Jan. 29.
- Hilgenberg, Carl G., assignor to Carr-Lowrey Glass Co.; Baltimore, Md. Pharmaceutical package. 2,017,800; Oct. 15.
- Hilgenberg, Carl G., and C. B. Garwood, assignors to Carr-Lowrey Glass Company, Baltimore, Md. Making partitioned glass containers. 2,023,474; Dec. 10.
- Hilger, Josef, Cologne-Mulheim, and C. Taube, Leverkusen-Wiesdorf, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Asymmetrical ureas and their production. 2,022,935; Dec. 3.
- Hill, Abel L. (See Haynes, R. E., Keener and Hill.)
- Hill, Alfred E., Detroit, Mich. Electrical circuit. 2,016,144; Oct. 1.
- Hill, Arthur, New York, N. Y. Portable combined automatic photograph and radio. 2,022,543; Nov. 26.
- Hill, Benjamin, Wilkesburg, Pa. Poulitice. 2,022,507; Nov. 26.
- Hill, Charles A. (See Mueller, O. B., Hill, Tielking, and Jones.)
- Hill, Charles C., Shaker Heights, and W. M. Henry, Garfield Heights, Ohio, assignors to The American Steel and Wire Company of New Jersey. Apparatus for casting metals. 1,994,705; Mar. 19.
- Hill, Charles W. (See Painter, R. K., Moreton, and Hill.)
- Hill, Curtiss L., Tacoma, Wash. Electrical measuring system. 1,991,898; Feb. 19.
- Hill-Diesel Engine Company. (See Hill, Harry D., assignor.)
- Hill, Dewey H. (See Chester, A. P., and Hill.)
- Hill, Dewey H., assignor to Globe American Corporation, Kokomo, Ind. Poultry feeder. 2,020,551; Nov. 12.
- Hill, Edward G., Richmond, assignor to Hill Engineering Corporation, Richmond, Va. Motor vehicle clutch control mechanism. 2,000,331; May 7.
- Hill, Edward G., Chicago, Ill., assignor to Hill Engineering Corporation, Richmond, Va. Automatic clutch control apparatus. 2,016,999; Oct. 8.
- Hill Engineering Corporation. (See Hill, Edward G., assignor.)
- Hill, F. H. Company. (See Scholl, H. S., and Donnelly, assignors.)
- Hill, Frank E., Elyria, Ohio. Road surfacing machine. 2,024,764; Dec. 17.
- Hill, Frank F., Los Angeles, Calif. Hydraulic weight indicator. 1,997,864; Apr. 16.
- Hill, Frank F., assignor to Union Oil Company of California, Los Angeles, Calif. Drilling structure and bit. 2,021,184; Nov. 19.
- Hill, Gerrit D., assignor to Sargent & Greenleaf, Inc., Rochester, N. Y. Lock mechanism. 1,989,419; Jan. 29.
- Hill, Gerrit D., assignor to Sargent & Greenleaf, Inc., Rochester, N. Y. Locking mechanism. 2,023,137; Dec. 3.
- Hill, Harold A., McKees Rocks, and L. E. Endsley, Pittsburgh, assignors to Fort Pitt Iron Company, McKees Rocks, Pa. Car doorlatch. 2,024,523; Dec. 17.
- Hill, Harry D., assignor to Hill-Diesel Engine Company, Lansing, Mich. Fuel pump valve for Diesel engines. 1,999,693; Apr. 30.
- Hill, Henry C., Paterson, N. J., assignor to Wright Aeronautical Corporation. Internal combustion engine. 1,988,119; Jan. 15.
- Hill, Herman, assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Indexing device. 2,010,784; Aug. 6.
- Hill, Irving and J. D., assignors to The Lawrence Paper Company, Lawrence, Kans. Container having a handhold. 2,019,307; Oct. 29.
- Hill, James, Mitchell, Ontario, Canada. Device for testing, adjusting and focusing headlights. 1,991,928; Feb. 19.
- Hill, James B., Detroit, Mich. Forming valves. 1,987,234; Jan. 8.
- Hill, John, et al. (See Hall, Frederick H., assignor.)
- Hill, Joseph B., Wynnewood, assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of oil wax mixtures. 2,010,819; Aug. 13.
- Hill, Julian W. (See Carothers, W. H., and Hill.)
- Hill, Justin D. (See Hill, Irving and J. D.)
- Hill, Lea R., Wood River, H. E. Raymond, Alton, and R. H. Sanders, Wood River, Ill., assignors to Shell Development Company, San Francisco, Calif. Control apparatus. 2,009,659; July 30.
- Hill, Leland H., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Surge diverter. 2,018,672; Oct. 29.
- Hill, Maxwell H. (See Lloyd, W. P., and Hill.)
- Hill, Maxwell H., assignor to Gleason Works, Rochester, N. Y. Cutter sharpener. 2,005,142; June 18.
- Hill, Myron F., New York, N. Y. Air compressor. 2,011,338; Aug. 13.
- Hill, Norman C., Saltville, Va., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of caustic liquor. 2,012,854; Aug. 27.
- Hill, Ralph B., assignor to Clark Metal Products, Inc., Bridgeport, Conn. Lock thread for screw caps and the like. 1,986,061; Jan. 1.
- Hill, Ralph B., assignor to Clark Metal Products, Inc., Bridgeport, Conn. Feeding hopper for metal forming machines and the like. 1,989,924; Feb. 5.
- Hill, Robert L. (See White, L. J., and Hill.)
- Hill, Robert W. (See Blake, K. R., and Hill.)
- Hill, Roger B., Peabody, Mass., assignor to Brown Company, Berlin, N. H. Composition of matter and preparing same. 1,986,341; Jan. 1.

- Hill, Roland C., Leominster, assignor to Simonds Saw and Steel Company, Fitchburg, Mass. Saw package. 2,010,082; Aug. 6.
- Hill, Rowland, Cheadle Hulme, England, assignor to Imperial Chemical Industries Limited. Resinous composition. 2,003,291; June 4.
- Hill, Rowland, Cheadle Hulme, assignor to Imperial Chemical Industries Limited, Westminister, England. Resinous compounds. 2,005,499; June 18.
- Hill, Roy L., assignor to Atlas Powder Company, Wilmington, Del. Commercial blasting explosive. 1,987,295; Jan. 8.
- Hill, Samuel G. (See Griffith, R. H., Bruce, and Hill.)
- Hill, Warren C., Grand Island, Nebr. Radio transmitting-receiving circuit. 2,017,458; Oct. 15.
- Hill, William, San Francisco, Calif. Ore separator. 1,988,794; Jan. 22.
- Hill, William W., Duquesne, Pa., assignor to Carnegie Steel Company. Coiling rods or bars. 2,005,369; June 18.
- Hillabold, Herbert C. (See Beatty, Herbert O., assignor.)
- Hillberg, Bror, assignor to Universal Farm Clamp Co., Chicago, Ill. Reinforcing bar support and spacer. 2,021,361; Nov. 19.
- Hillberg, Bror, assignor to Universal Form Clamp Company, Chicago, Ill. Rod cutting tool. 2,025,105; Dec. 24.
- Hillcrest Mills, Inc. (See Hausman, Abraham, assignor.)
- Hillebrand, Hubert, Aachen, Germany. Surgical instrument. 2,008,251; July 16.
- Hillebrand, William A., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Disconnecting switch. 1,988,120; Jan. 15.
- Hillebrand, William A., Berkeley, Calif., assignor to The Ohio Brass Company, Mansfield, Ohio. Protective means for delta connected transmission lines. 1,988,121; Jan. 15.
- Hillen, William G., Shiba-Ku, Tokyo, Japan, and F. W. Bailey, East Orange, assignors, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J. Differential control device. 2,021,727; Nov. 19.
- Hiller, Charles, Jr. (See Knox, H. A., and Hiller.)
- Hiller, Charles, Jr. (See Knox, H. A., and Hiller, Jr.)
- Hiller, Everett O., Windsor, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for forming glassware. 1,992,948; Mar. 5.
- Hiller, Friedrich, Cologne-on-the-Rhine, Germany. Index card. 2,001,462; May 14.
- Hiller, Joseph J., Oshkosh, Wis. Milk conditioning device. 2,026,090; Dec. 31.
- Hiller, Nicolai H., and E. B. McCabe, Carbondale, Pa., assignors, by mesne assignments, to Worthington Pump and Machinery Corporation, Harrison, N. J. Chilling apparatus. 2,009,734; July 30.
- Hiller, Stanley, Berkeley, assignor to Stanley Hiller, Incorporated, San Francisco, Calif. Apparatus for expressing liquids. 2,004,408; June 11.
- Hiller, Stanley, Incorporated. (See Hiller, Stanley, assignor.)
- Hillierich, John A., Louisville, Ky. Laminated strip for sporting goods and making the same. 2,017,060; Oct. 15.
- Hillers, Carl E., assignor to Blue Ridge Slate Corporation, Charlottesville, Va. Colored silicate granule for roofing and mode of preparing same. 1,991,981; Feb. 19.
- Hillery-Collings, Charles E., assignor to Camera-Projectors Limited, London, England. Photographic camera convertible to projector. 1,993,884; Mar. 12.
- Hillhouse, Charles B., New York, N. Y. Burning oil as city gas. 1,987,400; Jan. 8.
- Hillhouse, Charles B., New York, N. Y. Burning oil as gas. 1,987,401; Jan. 8.
- Hillhouse, Charles B., Newport, R. I., assignor to S. R. Hillhouse, New York, N. Y. Continuous gas making process. 2,007,860; July 9.
- Hillhouse, Charles B., assignor to S. R. Hillhouse, New York, N. Y. Making water gas. 2,010,634; Aug. 6.
- Hillhouse, Charles B., assignor to S. R. Hillhouse, New York, N. Y. Screening combustion from materials heated thereby. 2,011,339; Aug. 13.
- Hillhouse, Sylvia R. (See Hillhouse, Charles B., assignor.)
- Hilliard, Glenn E., Brackenridge, Pa. Method of and apparatus for treating metals. 2,002,010; May 21.
- Hillier, Harold, assignor to G. & J. Weir, Limited, Cathcart, Glasgow, Scotland. Feed system for steam power plants. 1,991,929; Feb. 19.
- Hillier, Harold, Cathcart, Glasgow, assignor to G. & J. Weir, Limited, Glasgow, Scotland. Liquid level regulator. 2,004,529; June 11.
- Hilliker, William P., Hammond, Ind., assignor to Standard Oil Company (Indiana), Chicago, Ill. Journal grease. 1,989,196; Jan. 29.
- Hilliker, William P., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Cup grease. 1,989,197; Jan. 29.
- Hillis, David R., assignor to Lubricating Equipment Co., Detroit, Mich. Feeder for progressive lubricating systems. 1,997,406; Apr. 9.
- Hillix, Foster F. (See Knebusch, W. F., and Hillix.)
- Hillix, Foster F., Lakewood, assignor to The United States Platers Supply Company, Cleveland, Ohio. Polishing wheel. 2,015,646; Sept. 24.
- Hillix, Foster F., Lakewood, Ohio, assignor to The American Steel and Wire Company of New Jersey. Lapping block. 2,024,999; Dec. 17.
- Hillman, Charles A., East Orange, N. J., assignor to Standard Oil Development Company. Cracking oil with accumulation under pressure. 2,015,110; Sept. 24.
- Hillmer, Max L., Saginaw, assignor to General Motors Corporation, Detroit, Mich. Horn button. 1,998,719; Apr. 23.
- Hills Bros. (See Hills, Leslie W., assignor.)
- Hills Brothers Company, The. (See Browne, Harold H., assignor.)
- Hills Bros. (See Hills, L. W., and Clark.)
- Hills Brothers Company, The. (See Schell, Arthur B., assignor.)
- Hills, Leslie W., assignor to Hills Bros., San Francisco, Calif. Can handling machine. 2,020,552; Nov. 12.
- Hills, Leslie W., San Francisco, and H. W. Clark, Berkeley, Calif., assignors to Hills Bros. Can casing machine. 2,013,408; Sept. 3.
- Hills, Max E. (See Smith, E. H., and Hills.)
- Hills, Philip N., Norwood, and H. N. Mann, Walpole, assignors to Bird & Son, Inc., East Walpole, Mass. Packaged material and device. 1,989,053; Jan. 22.
- Hillsdale Manufacturing Company. (See Gold, Isaac, assignor.)
- Hillseth, Robert C., San Francisco, Calif. Coffee maker. 2,024,859; Dec. 17.
- Hillside Cable Co. (See Wertzheiser, J., and Charmoy, assignors.)
- Hillstrom, Harry E., et al. (See Brewer, Clarence T., assignor.)
- Hillyer, Edgar E., and L. E. Septer, Uhrichsville, Ohio. Pole protector. 1,990,098; Apr. 23.
- Hilmer, Hans. (See Streitwolf, K., Fehrl, and Hilmer.)
- Hilpman, John H., Hollis, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,019,856; Nov. 5.
- Hilscher, Friedrich W., Wimpfen-on-the-Neckar, and V. Schwemmer, Ottensoos, near Nuremberg, assignors to the firm of Saline Ludwigschale, Wimpfen-on-the-Neckar, Germany. Obtaining pure aluminium-alkali double fluorides. 2,021,601; Nov. 19.
- Hilsenrath, Harry, Kew Gardens, N. Y. Combination receptacle and cutting guide. 2,014,252; Sept. 10.
- Hilsinger, Charles L., et al. (See Worth, L. M., and King, assignors.)
- Hiltner, James R., Nahant, Mass., assignor to General Electric Company. Centrifuge bucket. 1,992,914; Feb. 26.
- Hiltner, James R., Nahant and F. S. Godfrey, Lynn, Mass., assignors to General Electric Company. Rayon spinning bucket compartment. 2,011,406; Aug. 13.
- Hilton, Charles M. (See Stein, Louis, assignor.)
- Hilton, Lewis D., Oklahoma City, Okla. Oil cooling device. 2,019,813; Nov. 5.
- Hilvitz, Joseph. (See Luxenberg, Aaron, assignor.)
- Himes, Addison N., Piedmont, Calif. Folding box. 2,018,171; Oct. 22.
- Himes, Raymond H., Ypsilanti, Mich. Method of and apparatus for controlling the charging of storage batteries. 1,993,785; Mar. 12.
- Himmell, Samuel S., New York, N. Y. Safety paper. 1,998,237; Apr. 16.
- Hinchen, Donald T., Sydney, New South Wales, Australia. Elastic article applying device. 1,996,377; Apr. 2.
- Hinchman, Harvey S., Merchantville, N. J. Toggle release hook. 2,024,222; Dec. 17.
- Hincke, Henry J., Los Angeles, Calif. Reinforced brick building construction. 2,019,133; Oct. 29.
- Hinckley, Edward B., Philadelphia, Pa. Game club. 2,025,885; Dec. 10.
- Hincks, Drennan, Cadboro Bay, near Victoria, British Columbia, Canada. Golf ball speed registering device. 1,994,706; Mar. 19.
- Hindahl, David, assignor to H. S. Hart, Chicago, Ill. Car construction. 2,007,272; July 9.
- Hindahl, David, assignor to H. S. Hart, Chicago, Ill. Car construction. 2,007,273; July 9.
- Hinde & Dauch Paper Company. (See Drewsen, Pierre, assignor.)
- Hinde and Dauch Paper Company, The. (See Ellsworth, Charles K., assignor.)
- Hinde and Dauch Paper Company, The. (See Gagen, Thomas H., assignor.)
- Hinde and Dauch Paper Company, The. (See Loth, Gaylord, assignor.)
- Hinde & Dauch Paper Co., The. (See Morton, Lawrence D., assignor.)
- Hinder, Ronald B., et al. (See Grayson, George W., assignor.)
- Hinderliter, Frank J. (See Johnson, Edwin A., assignor.)
- Hinderliter, Frank J., Tulsa, Okla. Hollow trip casing spear. 1,996,068; Apr. 2.
- Hinderliter, Frank J., Tulsa, Okla. Fishing tool. 2,014,804; Sept. 17.
- Hinderliter, Frank J., Tulsa, Okla. Apparatus for cutting through the side wall of a pipe. 2,014,805; Sept. 17.
- Hindle, Thomas, Blackburn, England. Drier felt for use on paper making machines. 1,994,280; Mar. 12.
- Hindle, Thomas, and S. Lord, Blackburn, England. Seam for papermaker's drier felt. 2,010,302; Aug. 6.
- Hindman, Earl E., Washington, D. C. Condenser structure. 2,018,210; Oct. 22.
- Hinds, Charles B., Scranton, Pa. Sewing machine hemmer. 1,990,284; Feb. 5.

- Hine, Alfred E., Sedalia, assignor to Eric W. Bacharach, Kansas City, Mo. Dry material feeding apparatus. 1,991,213; Feb. 12.
- Hine, Alfred E., Sedalia, assignor to E. W. Bacharach, Kansas City, Mo. Liquid feeding apparatus. 2,010,363; Aug. 6.
- Hinegardner, Wilbie S., Prince Bay, Staten Island, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Formaldehyde solution. 2,002,243; May 21.
- Hineline, Edson S., assignor to Folmer Graflex Corporation, Rochester, N. Y. Apparatus for making contact prints or enlargements from developed negatives. 2,003,190; May 28.
- Hiner, Ora W., Butler, Ind. Speculum. 2,011,445; Aug. 13.
- Hines, Garde J. (See Withee, Joseph A., assignor.)
- Hines, James F., assignor to R. J. Hines, Lakewood, Ohio. Making hinges. 2,004,810; June 11.
- Hines, James F., Lakewood, Ohio. Mold jacket. 2,006,240; June 25.
- Hines, John. (See Telford, J. C., and Hines.)
- Hines, Pierre R., Portland, Oregon. Deinking imprinted paper. 2,005,742; June 25.
- Hines, Russell J. (See Hines, James F., assignor.)
- Hinkle, Albert H., and A. C. Rasmussen, assignors to Inley Manufacturing Company, Indianapolis, Ind. Pavement finishing machine. 1,987,681; Jan. 15.
- Hinkle, James M., Barboursville, Ky., assignor to E. C. Kirby, Indianapolis, Ind. Die roller. 2,000,482; May 7.
- Hinkley, Carl C., Chicago, assignor to The Buda Company, Harvey, Ill. Compression control apparatus. 2,005,858; June 25.
- Hinkley, Paul, Los Angeles, Calif. Ore separator. 1,986,778; Jan. 1.
- Hinman, George L. (See Greist, H. M., and Hinman.)
- Hinman Milking Machine Co. (See Hinman, Ralph L., assignor.)
- Hinman, Ralph L., assignor to Hinman Milking Machine Co., Inc., Oneida, N. Y. Milking machine. 2,014,842; Sept. 17.
- Hinrichs, Wilhelm J. H., Hamburg, and H. Wittkowski, Lockstedt-Niendorf, near Hamburg, Germany. Preserving fruit. 2,003,191; May 28.
- Hinrichs, Wilhelm J. H., Hamburg, and H. Wittkowski, Lockstedt-Niendorf, near Hamburg, Germany. Producing moistureproof and air tight coatings. 2,003,192; May 28.
- Hinsch, Walter H., assignor to Locomotive Firebox Company, Chicago, Ill. Track sander. 2,024,361; Dec. 17.
- Hinschaw, Everett B., Marysville, Kans. Device for holding X-ray film in patient's mouth. 1,992,306; Feb. 26.
- Hinschaw, Joseph H., trustee. (See Barnes, Allen L., assignor.)
- Hinsky, Anthony P., assignor, by mesne assignments, to Pyro Products Corporation, Brooklyn, N. Y. Insulated conductor and coating the same. 2,010,152; Aug. 6.
- Hinson, Jay B., Hartsdale, assignor to Leo H. Fuller, Inc., Long Island City, N. Y. Lamp display container. 2,015,222; Sept. 24.
- Hintermaier, Anton, assignor to the firm Henkel & Cie. Gesellschaft mit beschränkter Haftung, Dusseldorf, Germany. Producing alcohols. 1,987,558; Jan. 8.
- Hintermaier, Anton, assignor to the firm Henkel & Cie. Gesellschaft mit beschränkter Haftung, Dusseldorf, Germany. Producing boron tricarboxylates. 1,987,559; Jan. 8.
- Hintermaier, Anton, assignor to Henkel & Cie., G. m. b. H., Dusseldorf, Germany. Silicon carboxylate and making the same. 2,017,000; Oct. 8.
- Hinton, George W., assignor to Menasha Wooden Ware Corporation, Menasha, Wis. Container. 1,987,063; Jan. 8.
- Hintze, Helmut, Kopenick-Wendenschloss, Germany, assignor to General Electric Company. Electric valve-converting apparatus. 1,988,947; Jan. 22.
- Hintze, Helmut, Kopenick-Wendenschloss, Germany, assignor to General Electric Company. System of electrical distribution. 2,001,532; May 14.
- Hinz, Joseph J., Detroit, Mich. Paste tube clamp. 2,023,763; Dec. 10.
- Hinz, Leo, Newark, N. J. Bowling alley. 2,011,580; Aug. 20.
- Hjorth, Jens B., Hovik, near Oslo, Norway. Rudder mechanism. 2,011,175; Aug. 13.
- Hinkins, Otho F., Port Deposit, Md. Traction device. 2,008,210; July 16.
- Hipple, George L., Chicago, Ill. Shaft coupling. 1,986,437; Jan. 1.
- Hipple, John S., Temple, Pa. Expansion joint filling material. 1,987,530; Jan. 8.
- Hirche, Willy, Leopoldshain, near Gorlitz, assignor, by mesne assignments, to E. Rothenberg, Berlin, Germany. Refrigerator. 2,016,637; Oct. 8.
- Hird, John D., Washington, D. C. Testing apparatus. 2,007,087; July 2.
- Hirmann, Julius, Hillside, N. J., assignor to Radio Corporation of America. High frequency induction heating coil. 1,988,384; Jan. 15.
- Hirmann, Julius, Hillside, N. J., assignor to Radio Corporation of America. Tube base and socket. 2,014,843; Sept. 17.
- Hirose, Yuzaburo, Los Angeles, Calif. Toy. 2,003,193; May 28.
- Hirsch, Charles J., New York, N. Y. Hum elimination. 1,996,378; Apr. 2.
- Hirsch, Jack. (See Koffler, M., and Hirsch.)
- Hirsch, Jacob, et al. (See Dreyfus, Alfred, assignor.)
- Hirsch, Joseph E., Cleveland, Ohio. Pneumatic bag or envelope opening device. 2,020,415; Nov. 12.
- Hirsch, Louis, Textile Machines, Inc. (See Beuter, R., and Ruckel, assignors.)
- Hirsch, Louis, Textile Machines, Inc. (See Friedmann, Albert, assignor.)
- Hirsch, Ludwig, Berlin, Germany. Packaging device. 2,011,407; Aug. 13.
- Hirsch, Sidney, Cedarhurst, N. Y. Bivalve adapter. 1,993,664; Mar. 5.
- Hirsch, Walter F. (See Kormann, F. A., and Hirsch.)
- Hirsch, William, trustee. (See Alterman, Israel assignor.)
- Hirschberg, Charles A., Mountain Lakes, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Hole spotter for collaring drill holes. 1,986,266; Jan. 1.
- Hirschfeld, Alexander, London, England. Production of tennis and like racket frames. 2,009,265; July 23.
- Hirschfeld, Alexander, London, England. Apparatus for manufacturing laminated tennis and like racket frames. 2,025,451; Dec. 24.
- Hirschfeld, David. (See Werltz, J., and Hirschfeld.)
- Hirschhorn, Louis, and H. Irmischer, assignors to Millie Patent Holding Co. Inc., New York, N. Y. Combination bag transfer and filling mechanism. 2,008,826; July 23.
- Hirschhorn, Louis, and H. Irmischer, assignors to Millie Patent Holding Co. Inc., New York, N. Y. Cloth feeding mechanism for combination tea bag machines. 2,015,852; Oct. 1.
- Hirschkind, Wilhelm, Berkeley, assignor to Great Western Electro-Chemical Company, San Francisco, Calif. Making xanthates. 2,024,923; Dec. 17.
- Hirschkind, Wilhelm, Berkeley, W. D. Ramage, Pittsburgh, and H. Bender, Concord, assignors to Great Western Electro-Chemical Company, San Francisco, Calif. Making xanthates. 2,024,924; Dec. 17.
- Hirschkind, Wilhelm, Berkeley, Calif., assignor to Great Western Electro-Chemical Company. Preparing xanthates. 2,024,925; Dec. 17.
- Hirschl, Marcus A., Chicago, Ill. Defrosting. 1,999,191; Apr. 30.
- Hirschl, Marcus A., Chicago, Ill. Defrosting. 1,999,930; Apr. 30.
- Hirschmann, Frederick J., San Leandro, Calif. Line drier. 2,007,050; July 2.
- Hirsh, Fred, assignor to Adjusta Company, New York, N. Y. Adjustable strap fastening. 2,011,634; Aug. 20.
- Hirshfeld, Clarence F., Detroit, Mich., assignor to T. Conway, Jr., and C. Gordon, co-trustees for Electric Railway Presidents' Conference Committee. Spring device. 1,996,512; Apr. 2.
- Hirshfeld, Clarence F., Detroit, Mich., assignor to T. Conway, Jr., and C. Gordon, co-trustees for Electric Railway Presidents' Conference Committee. Tire for rail vehicles. 2,010,668; Aug. 6.
- Hirshfeld, Jerome, assignor to Televator Corporation, New York, N. Y. Conveyor. 1,997,060; Apr. 9.
- Hirshfeld, Jerome, assignor to Televator Corporation, New York, N. Y. Conveyor and conveyor enclosure unit. 2,009,846; July 30.
- Hirshfeld, Jerome, New York, N. Y. Warning signal and control for road vehicles. 2,025,106; Dec. 24.
- Hirshon, William B., Chelsea, Mass. Receptacle. 2,024,821; Dec. 17.
- Hirt, Paul, Wetzlar, Germany, assignor to Clay-Adams Company, Inc., New York, N. Y. Projecting microscope. 1,989,691; Feb. 5.
- Hirth, Christoph, Butler, N. J. Hold-down device for vises and the like. 2,014,967; Sept. 17.
- Hirvonen, Eric J. (See Bishop, B. S. T., and Hirvonen.)
- Hirvonen, Eric, Auburn, assignor to Worcester Taper Pin Company, Worcester, Mass. Valve for range oil burners. 2,007,051; July 2.
- Hisey-Wold Machine Company, The. (See Ritz, Emil, Jr., assignor.)
- Hiss, Fielder I., Warren, Ohio. Converter. 2,010,364; Aug. 6.
- Hiss, James L., Orange, assignor to The National Lock Washer Company, Newark, N. J. Grip ring. 1,988,595; Jan. 22.
- Histed, Clifford, receiver, et al. (See Millsom, James A., assignor.)
- Hitch, Emmet F. (See Carr, J. I., Dahlen and Hitch.)
- Hitch, Emmet F. (See Lubs, H. A., Hitch, and Dahlen.)
- Hitch, Emmet F., and M. A. Dahlen, Wilmington, Del., and M. A. Friedrich, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes and methods for their preparation. 2,023,591; Dec. 10.
- Hitch, Emmet F., M. A. Dahlen, Wilmington, Del., and M. E. Friedrich, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dye and its preparation. 2,023,590; Dec. 10.
- Hitchcock, C. W., et al., executors. (See Hitchcock, Reuben.)
- Hitchcock, Charles A., Pana, Ill. Tractor attachment for broadcast seeders. 2,002,179; May 21.

- Hitchcock, Forest B., Greece, assignor to General Railway Signal Company, Rochester, N. Y. Railway track circuit. 2,026,497; Dec. 31.
- Hitchcock, Frederick J., Danvers, Mass. Oil burner apparatus and the like. 2,018,853; Oct. 29.
- Hitchcock, H. Morley, et al., executors. (See Hitchcock, Reuben.)
- Hitchcock, Lawrence, et al., executors. (See Hitchcock, Reuben.)
- Hitchcock, Reuben, deceased. Cleveland; L. Hitchcock, H. M. Hitchcock, D. B. Meacham, and C. W. Hitchcock, executors, assignors to The Cleveland Folding Machine Company, Mentor Township, Ohio. Paper feeding mechanism. 1,987,339; Jan. 8.
- Hitchcock, William J., Scotia, N. Y. Gas discharge lamp, especially mercury lamp. 2,016,111; Oct. 1.
- Hitchens, George E. (See Davis, W. F., and Hitchens.)
- Hitchings & Company. (See King, Thomas E., assignor.)
- Hitchins, Charles F., and C. W. G. Gerrard, Westminister, London, assignors of one-tenth to Sky Publicity Limited, and nine-tenths to W. F. E. Briggs, London, England. Optical projection apparatus. 1,989,360; Jan. 29.
- Hitchins, Harry M., Minneapolis, Minn. Egg package. 2,000,284; May 7.
- Hite, Herbert L., Yuba City, Calif. Combination hoist and aerial tram. 1,997,217; Apr. 9.
- Hite, James E., Lilly, Pa. Dental implement. 1,997,730; Apr. 16.
- Hite, Rollie B., Nevada, Ohio. Grass trimmer. 2,002,396; May 21.
- Hitt, Henry C., Bremerton, Wash. Self-filling fountain pen filling device. 2,000,950; May 14.
- Hitt, Ira V. (See Harrison, P. E., and Hitt.)
- Hitt, Maurice V. (See Cochran, P. B., Hitt, and Taylor.)
- Hitt, Maurice, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition of matter and material made therefrom. 1,997,583; Apr. 16.
- Hitt, Ray C., Seattle, Wash. Pyrotechnic display. 2,006,271; June 25.
- Hi-Voltage Equipment Company. (See Hart, Lester C., assignor.)
- Hi-Way Service Corporation. (See Kerber, Joseph H., assignor.)
- Hix, Arthur. (See Herre, P., and Hix.)
- Hixon, Alfred J., Braintree, Mass. Connector for cables and conductors. 1,989,861; Feb. 5.
- Hixon Electric Co. (See MacNaught, Malcolm S., assignor.)
- Hixon, Harold G. (See Glinder, P. M., and Hixon.)
- Hixon-Kelser Patents Corporation. (See Kelser, Morris, assignor.)
- Hixon, Ralph M. (See Werkman, C. H., Rayburn, and Hixon.)
- Hixson, Arthur W., Leonia, N. J., and J. M. Fain, Brooklyn, N. Y. Preparation of emulsions of thermoplastic materials. 2,002,505; May 28.
- Hjelm, Oskar A., Stockholm, Sweden. Gearing device for bicycles and the like. 2,006,165; June 25.
- Hjelmblad, Karl W. J., Alsten, assignor to Accumulator Aktieföretaget Leif Nobel, Stockholm, Sweden. Electric accumulator. 2,025,452; Dec. 24.
- Hladik, Ladislav, Pilsen, assignor to Limited Company formerly the Skoda Works, Pilsen, Prague, Czechoslovakia. Device for draining water from auxiliary engines of locomotives. 2,008,449; July 16.
- Hladik, Ladislav, Pilsen, Czechoslovakia, assignor to Limited Company formerly Skoda Works, Pilsen, Prague, Czechoslovakia. Controlling device for the drainage of the steam cylinder in an auxiliary plant of a locomotive. 2,015,182; Sept. 24.
- Hladky, Donald F. and J. F., Jr., Cedar Rapids, Iowa. Vending machine. 1,998,194; Apr. 16.
- Hladky, Joseph F., Jr. (See Hladky, Donald F., and J. F., Jr.)
- Hlavaty, Rudolf F., Cicero, Ill. Quilted pad and the like. 2,016,601; Oct. 8.
- Hleb, Peter, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser-foot lifting mechanism for sewing machines. 2,009,194; July 23.
- Hloch, Albert, Lichterfelde, near Berlin, assignor, by mesne assignments to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Operating breathing apparatus. 2,004,243; June 11.
- Hoadley, Addie M. (See Sears, William H., assignor.)
- Hoag, Martin, assignor to Pines Winterfront Company, Chicago, Ill. Printing device. 1,997,191; Apr. 9.
- Hoag, Philip O., assignor to The Whitehead & Hoag Company, Newark, N. J. Closure. 1,995,350; Mar. 26.
- Hoage, Clyde C., Tower, Minn. Bait holder or harness. 2,012,786; Aug. 27.
- Hoague-Sprague Corporation. (See Knowlton, Cutler D., assignor.)
- Hoar, Arthur W., Liverpool, N. Y. Garment holder. 1,997,490; Apr. 9.
- Hoar, Stedman B. (See Stephens, H. C., and Hoar.)
- Hobart Bros. Company, The. (See Hobart, Edward A., assignor.)
- Hobart, Edward A., assignor to The Hobart Bros. Company, Troy, Ohio. Electric welding apparatus. 1,994,609; Mar. 19.
- Hobart, Floyd B. (See Perkins, I. M., and Hobart.)
- Hobart, Franklin G., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Engine crank case construction. 2,012,009; Aug. 20.
- Hobart, Louis C., Southington, Conn., and K. F. Lees, assignors to The Olympic Industrial Corporation, New York, N. Y. Self contained electric knife sharpener. 2,024,860; Dec. 17.
- Hobart Manufacturing Company, The. (See Bryce, James W., assignor.)
- Hobart Manufacturing Company, The. (See Carroll, Fred M., assignor.)
- Hobart Manufacturing Co., The. (See Engel, Paul H., assignor.)
- Hobart Manufacturing Company, The. (See Fort, Eugene A., assignor.)
- Hobart Manufacturing Company, The. (See Fryer, William H., assignor.)
- Hobart Manufacturing Company, The. (See Johnston, Herbert L., assignor.)
- Hobart Manufacturing Company, The. (See Johnston, H. L., and Slager, assignors.)
- Hobart Manufacturing Company, The. (See Jones, W. E., and Reussenzehn, assignors.)
- Hobart Manufacturing Company, The. (See Klosterman, Joseph J., assignor.)
- Hobart Manufacturing Company, The. (See Lape, Edward W., Jr., assignor.)
- Hobart Manufacturing Company, The. (See Rauch, Konrad, assignor.)
- Hobart Manufacturing Company, The. (See Reussenzehn, Ernest A., assignor.)
- Hobart Manufacturing Company, The. (See Schumacker, L. J., and Reussenzehn, assignors.)
- Hobart Manufacturing Company, The. (See Strachan, T. H., and Gumpfrich, assignors.)
- Hobart Manufacturing Company, The. (See Von Pein, Edward J., assignor.)
- Hobart Manufacturing Company, The. (See Von Pein, E. J., and Reussenzehn, assignors.)
- Hobart Manufacturing Company, The. (See Wood, George R., assignor.)
- Hobbs, Chester H., Cochrane, assignor to E. Van Noorden Company, Boston, Mass. Flashing. 1,992,123; Feb. 19.
- Hobbs, James C., Painesville, Ohio. Boiler. 1,986,821; Jan. 8.
- Hobbs, Leonard S., West Hartford, assignor to The Pratt & Whitney Aircraft Company, East Hartford, Conn. Lubricant cooling means for internal combustion engines. 1,999,237; Apr. 30.
- Hoben, Francis M., Jackson Heights, N. Y., assignor to Westinghouse X-Ray Company, Inc. Radiographic illuminator. 1,989,803; Feb. 5.
- Hoberg, Arthur S., Horicon, J. Schabel, Mayville, and E. C. Schwantes, Horicon, Wis. Hopper discharge mechanism. 1,997,791; Apr. 16.
- Hoberg, William, Green Bay, Wis. Anchoring means for decoys. 2,023,526; Dec. 10.
- Hoblitzell, Henry D. (See Brady, Cleo D., assignor.)
- Hoblitzelle, Harrison. (See Shallenberger, C. S., Frede, and Hoblitzelle.)
- Hobrock, Raymond H., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Dielectric material and method of making. 2,020,468; Nov. 12.
- Hobson, Leland S., Yeadon, Pa., assignor to General Electric Company. Electric circuit interrupter. 2,019,348; Oct. 29.
- Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Gas fired hot air furnace. 1,986,675; Jan. 1.
- Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Closed top stove. 1,991,503; Feb. 19.
- Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Combination lighter and burner support for gas stoves. 2,009,582; July 30.
- Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Concealed manifold gas range. 2,013,802; Sept. 10.
- Hoch, August G., Pacific Palisades, Calif. Block forming mechanism. 2,006,594; July 2.
- Hoch, Fred W. (See Dausmann, Charles F., assignor.)
- Hochdruck-Apparate-Bau G. m. b. H. (See Pittlick, Herman, assignor.)
- Hochman, Julius C., assignor to Eagle Pencil Company, New York, N. Y. Protractor. 2,011,282; Aug. 13.
- Hochmayer, Franz, et al. (See Doux, Alfredo W., assignor.)
- Hochrien, Gustav F., Chicago, Ill. Game apparatus. 2,010,487; Aug. 6.
- Hochstadt, Jack, San Francisco, Calif. Vehicular propulsion means. 2,021,784; Nov. 19.
- Hochstadter, Martin, Brussels, Belgium, assignor, by mesne assignments, to Protona A. G., Basel, Switzerland. Electric cable installation. 2,021,998; Nov. 26.
- Hochstetter, Frederick W., Pittsburgh, Pa., assignor to Treedale Laboratories, Inc. Compounding flame and waterproofing compositions for aqueous cellulosic media. 2,003,148; May 28.
- Hochstetter, Paul E. (See Jordan, R. H., and Hochstetter.)
- Hochstetter, Paul E., East Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Silent pressure fan. 1,991,095; Feb. 12.
- Hochstetter, Paul E., East Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor driven humidifier. 1,994,912; Mar. 19.

- Hochwalt, Carroll A. (See Abrams, V. R., and Hochwalt.)
Hochwalt, Carroll A. (See Thomas, C. A., and Hochwalt.)
Hochwalt, Carroll A., assignor to The Mead Research Engineering Company, Dayton, Ohio. Pigment. 2,000,842; May 7.
Hockensmith, George I., assignor to Booth & Flinn Company, Pittsburgh, Pa. Device for pulling sheet steel piling. 2,006,949; July 2.
Hocking, Edward P., assignor of one-half to B. Grant, Toronto, Ontario, Canada. Milk cooler. 2,005,033; June 18.
Hocking, Ernest L. R., Wellington, New Zealand. Flexible coupling for vehicle bogies. 2,017,001; Oct. 8.
Hockley, Chester F., receiver. (See Bulkeley, Claude A., assignor.)
Hockley, Chester F., receiver. (See Connolly, G. C., and Pierce, assignors.)
Hockley, Chester F., receiver. (See Miller, E. B., and Connolly, assignors.)
Hockner, Curt H., Dayton, assignor of one-sixth to C. P. Newberg, Miamisburg, Ohio, and five-sixths to The Dayton Acme Mfg. Co., Inc. Testing apparatus. 2,014,379; Sept. 17.
Hoddersen, Edward, Brooklyn, N. Y. Shaving outfit. 2,022,508; Nov. 26.
Hoddy, Joseph S., assignor to Robbins & Myers Inc., Springfield, Ohio. Clutch for electric motors. 2,012,509; Aug. 27.
Hodge, Hugh M., assignor of one-half to G. A. Vis, Detroit, Mich. Tool attachment. 2,017,247; Oct. 15.
Hodge, William B., Charlotte, and C. L. Lytton, Gastonia, N. C., assignors to Parks-Cramer Company, Fitchburg, Mass. Apparatus for cleaning machines. 2,011,763; Aug. 20.
Hodges, Betty M., Chicago, Ill. Hair band. 1,991,982; Feb. 19.
Hodges Carpet Company. (See Ryan, Ambrose T., assignor.)
Hodges, George F., and F. B. Cota, San Diego, Calif. Carburetor. 2,003,363; June 4.
Hodges, George H., Scottsdale, Pa. Coupling pin retaining device. 1,994,707; Mar. 19.
Hodges, Karl R., Indian Orchard, Mass. Bun and apparatus for making same. 2,012,815; Aug. 27.
Hodges, Lee W., Defiance, assignor to Saturn Heater Corporation, Bryan, Ohio. Tempering valve. 2,020,644; Nov. 12.
Hodges, Lester E., Houston, Tex. Brake mechanism. 1,992,484; Feb. 26.
Hodges, Paul, Tuscaloosa, Ala., assignor to Gulf States Paper Corporation. Utilizing floating soap and derivatives thereof. 1,992,949; Mar. 5.
Hodges, Paul, Tuscaloosa, Ala., assigned to Gulf States Paper Corporation. Paint, varnish, and lacquer remover. 1,993,096; Mar. 5.
Hodges, Paul, Tuscaloosa, Ala., assignor to Gulf States Paper Corporation. Metal cleaning composition. 1,993,097; Mar. 5.
Hodges, Paul, Tuscaloosa, Ala., assignor to Gulf States Paper Corporation. Degreasing agent. 1,993,098; Mar. 5.
Hodges, Paul, Tuscaloosa, Ala., assignor to Gulf States Paper Corporation. Rust inhibitor. 1,993,099; Mar. 5.
Hodges, Vera C., Los Angeles, Calif., assignor to Eclipse Aviation Corporation, East Orange, N. J. Starter for an engine. 2,025,166; Dec. 24.
Hodgkin, Durbin C., Detroit, Mich., assignor of one-fourth to T. B. Owens, Fort Worth, Tex. Advertising display. 1,990,825; Feb. 12.
Hodgkin, Durbin C., Detroit, Mich., assignor of one-fourth to T. B. Owens, Fort Worth, Tex. Illuminated display case. 1,990,826; Feb. 12.
Hodgkin, Edward E., W. W. Wodell, and H. Lange, assignors to Quincy Stove Manufacturing Co., Quincy, Ill. Valve organization for gas ranges. 2,002,089; May 21.
Hodgkin, Edward E., W. W. Wodell, and H. Lange, assignors to Quincy Stove Manufacturing Co., Quincy, Ill. Dial control for multiple gas cocks. 2,008,911; July 23.
Hodgkins, Albert A., Leonia, N. J., assignor to Universal Gear Shift Corporation, New Haven, Conn. Controls for reverse gearing. 2,023,229; Dec. 3.
Hodgkinson, Francis P. (See Walter, H., and Hodgkinson.)
Hodgkinson, Thomas E. (See Hurd, R. O., and Hodgkinson.)
Hodgkinson, Thomas E., assignor to N. J. Hale, San Francisco, Calif. Testing device. 2,000,594; May 7.
Hodgman, Frederick S., Glen Rock, N. J., assignor to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Self-synchronous automatic pilot. 2,015,183; Sept. 24.
Hodgman, Frederick S., Glen Rock, N. J., assignor to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Hand electric steering device. 2,018,761; Oct. 29.
Hodgman, Frederick S., Glen Rock, N. J., assignor to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Course changing means for automatically steered ships. 2,025,054; Dec. 24.
Hodgman, Willis K., Jr., Taunton, Mass. Dry pipe valve. 2,016,547; Oct. 8.
Hodgman, Willis K., Jr., Taunton, Mass. Automatic dry pipe sprinkler system. 2,021,148; Nov. 19.
Hodgson, Herbert H., Bradford, England, assignor to Imperial Chemical Industries Limited. Production of nitro-naphthalenes. 1,988,493; Jan. 22.
Hodgson, Howard E., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electromagnetic controller for power driven machines. 2,018,720; Oct. 29.
Hodgson, Millard B., Chicago, Ill., assignor to Eastman Kodak Company, Rochester, N. Y. X-ray dental film package. 1,994,579; Mar. 19.
Hodgson, William W., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,017,002; Oct. 8.
Hodnfield, Olaus T., Glendale, Calif. Treating brake-lining and impregnating compound for same. 2,001,194; May 14.
Hodnette, John K., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Excess-voltage protective device. 2,010,018; Aug. 6.
Hodsdon, Floyd G., Milwaukee, Wis., assignor to International Harvester Company. Pulsator for milking machines. 2,017,754; Oct. 15.
Hodson, Frances C. (See Hodson, Leo C., assignor.)
Hodson, Leo C., Tacoma, Wash., assignor to F. C. Hodson, Youngstown, Ohio. Game apparatus. 1,991,671; Feb. 19.
Hodson, Walter D., Chicago, Ill. Lubricated cordage. 2,000,951; May 14.
Hodson, Walter D., Chicago, Ill. Wire rope. 2,000,952; May 14.
Hodson, Walter D., Beverly Hills, Ill., and I. J. Simmons, Clairton, Pa. Portable hood. 2,020,184; Nov. 5.
Hoe, Alfred G., New Rochelle, N. Y. Copygraph. 2,020,185; Nov. 5.
Hoe, R., & Co. (See DeManna, Nicholas, assignor.)
Hoe, R., & Co. (See Eckhard, William K., assignor.)
Hoe, R., & Co. (See Edwards, Robert T., assignor.)
Hoe, R., & Co. (See Horton, Albert J., assignor.)
Hoe, R., & Co. (See Huck, William F., assignor.)
Hoe, R., & Co. (See Lamatsch, Frederick.)
Hoe R. & Co. (See Lengel, A. L., and Beveridge, assignors.)
Hoe, R., & Co. (See Lougee, Frederick G., assignor.)
Hoe, R., & Co. (See Lougee, F. G., and Pattinson, assignors.)
Hoe, R., & Co. (See Mahon, Michael.)
Hoe, R., & Co. (See Meyer, Joseph E.)
Hoe, R., & Co. (See Quick, C. G., and Bennett.)
Hoe, R., & Co. (See Quick, C. G., Ball, and Bennett, assignors.)
Hoe, R., & Co. (See Quick, C. G., and Whitehead, assignors.)
Hoe, R., & Co. (See Smythman, Harold, assignor.)
Hoe, R., & Co. (See Spillane, James D., assignor.)
Hoe, R., & Co., et al. (See Strain, William J., assignor.)
Hoe, R., & Co. (See Tomlin, John R., assignor.)
Hoe, R., & Co. (See Tomlin, J. R., and Ball.)
Hoe, R., & Co. (See Tomlin, J. R., and Horton, assignors.)
Hoe, R., & Co. (See Zuckerman, Adolph M.)
Hoe, R., & Co., Inc. (See Harold, John J., assignor.)
Hoe, R., & Co. Inc. (See Lougee, F. G., and Pattinson, assignors.)
Hoe, R., & Co., Inc. (See Lundquist, A., and Andersen, assignors.)
Hoe, R., & Co., Inc. (See Morris, Edward T., assignor.)
Hoe, R., & Co., Inc. (See Quick, C. G., Ball and Whitehead.)
Hoe, R., & Co., Inc. (See Tomlin, J. R., and Lundquist, assignors.)
Hoe, R., & Co., Inc. (See White, Bruce C., assignor.)
Hoe, R., & Co. Inc., debtor. (See Boaz, Arthur R.)
Hoe, Robert, Hyde Park, N. Y. Splash guard. 2,014,734; Sept. 17.
Hoefert, Reinhold, and E. Wochinger, Berlin, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt near Berlin, Germany. Telephone system. 2,010,365; Aug. 6.
Hoefinghoff, Walter. (See Hartmann, A., Hoefinghoff, Bauriedel, and Ostermann.)
Hoefinghoff, Walter. (See Hartmann, A., Hoefinghoff, Luchtenberg, and Kempf.)
Hoefinghoff, Walter. (See Hartmann, A., Hoefinghoff, and Meyer-Gaus.)
Hoefinghoff, Walter, Hohenlimburg, Oberrahmer, and A. Hartmann, Berlin-Lichterfelde, Germany, assignors to American Bemberg Corporation, New York, N. Y. Continuum process and apparatus. 2,002,996; May 28.
Hoeflich, Julius G., assignor to The Chaney Manufacturing Company, Springfield, Ohio. Self-supporting thermometer. 2,004,627; June 11.
Hoefling, John W., Chico, Calif. Slicing or splitting machine. 1,988,901; Jan. 22.
Hoegger, Joseph A., North Bergen, N. J. Fixture support. 1,997,686; Apr. 16.
Hoegger, Joseph A., North Bergen, N. J. Tubular lighting fixture. 1,997,687; Apr. 16.
Hoehn, John J. (See Larson, I. J., and Hoehn.)
Hoehn, John J., Camden, N. J., assignor to Radio Corporation of America. Winding key. 1,999,457; Apr. 30.
Hoehn, William, River Forest, Ill. Bath tub. 2,011,148; Aug. 13.
Hoekstra, Harold D., Kenmore, N. Y. Retractable landing gear. 2,003,885; June 4.
Hoelkeskamp, Franz, Wuppertal-Barmen, Germany, assignor to American Bemberg Corporation, New York, N. Y. Manufacture of artificial silk. 2,022,961; Dec. 3.
Hoelsche, Louis W., Wheeling, W. Va. Radiator shield. 2,025,107; Dec. 24.

- Hoelscher, William G. (See Hieber, G. E., and Hoelscher.)
 Hoelscher, William G., Norwood, assignor to The American Tool Works Company, Cincinnati, Ohio. Relieving attachment. 2,011,318; Aug. 13.
 Hoelscher, William G., Norwood, G. E. Hieber, and A. E. Robinson, Cincinnati, assignors, by mesne assignments, to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Hydraulic gear shifting mechanism. 2,012,084; Aug. 20.
 Hoelscher, William G., Norwood, and A. E. Robinson, assignors to The American Tool Works Company, Cincinnati, Ohio. Attachment for machine tools. 2,018,363; Oct. 22.
 Hoelzel, Otto, New Haven, assignor to The Eastern Machine Screw Corporation, New Haven, Conn. Die head. 2,026,471; Dec. 31.
 Hoerer, Martin. (See Bley, Fred, assignor.)
 Hoerle, Newton S. (See Shaw, H. I., and Hoerle.)
 Hoerle, William F., assignor to Union Hardware Company, Torrington, Conn. Ball bearing skate wheel. 2,022,347; Nov. 26.
 Hoerle, William F., assignor to Union Hardware Company, Torrington, Conn. Ball bearing skate wheel. 2,022,348; Nov. 26.
 Hoernle, William L., Trenton, N. J. Making briquettes. 1,990,405; Feb. 5.
 Hoesel, Anthony F., assignor to C. C. Kritzer, Chicago, Ill. Heat exchanger. 1,988,494; Jan. 22.
 Hoesel, Anthony F., Chicago, Ill. Heat exchanger. 2,019,967; Nov. 5.
 Hoeter, Frederick W., New York, N. Y. Nonrefillable bottle closure. 1,999,358; Apr. 30.
 Hoey, Leo M., San Antonio, Tex. Rest-promoting appliance. 1,997,931; Apr. 16.
 Hofacker, Anton, Henderson, Md. Folding running board for road vehicles. 2,018,064; Oct. 22.
 Hofe, George D., South Orange, N. J. Label carrying container. 1,987,902; Jan. 15.
 Hofer, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplifier. 1,997,407; Apr. 9.
 Hofer, William H., assignor to The American Rolling Mill Company, Middletown, Ohio. Apparatus for uncoiling coiled sheet metal. 2,020,889; Nov. 12.
 Hoff, Joseph B., Philadelphia, and W. C. Davidson, Kirklyn, Pa. Automatic safety shut-off valve. 1,991,214; Feb. 12.
 Hoffa, Erwin, and F. Müller, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo-dyestuffs and fiber dyed therewith. 1,999,610; Apr. 30.
 Hoffard, Harold O., Tacoma, assignor of one-fourth to M. M. Williams, and one-fourth to A. Cavanaugh, Snohomish County, near Arlington, Wash. Revetment. 2,008,866; July 23.
 Hoffecker, John W., assignor, by mesne assignments, to Bond Manufacturing Corporation, Inc., Wilmington, Del. Feeding mechanism for extrusion machines. 1,989,616; Jan. 29.
 Hoffeld, Louis, New York, N. Y. Combined sweat-band and removable lining. 2,003,886; June 4.
 Hoffer, Frederick J. (See Black, I. E., Hoffer, and Silver.)
 Hoffer, Le Roy H., Brooklyn, and H. S. Holmes, Rockville Centre, N. Y. Toy car coupler. 1,989,804; Feb. 5.
 Hoffer, Le Roy H., assignor to Metropolitan Engineering Company, Brooklyn, N. Y. Brake. 1,996,724; Apr. 2.
 Hofferberth, George F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 1,999,293; Apr. 30.
 Hoffman, Alfred O., Oakland, Calif. Rifle trough. 2,015,522; Sept. 24.
 Hoffman, Andrew. (See Bock, Charles L., assignor.)
 Hoffman Beverage Company. (See D'Addario, Thomas, assignor.)
 Hoffman Beverage Company. (See Rue, H. E. and Nordstrom, assignors.)
 Hoffman Beverage Company. (See Schmutzer, Charles, assignor.)
 Hoffman, Charles T., Washington, D. C., assignor to E. L. Groff, trustee. Ice cream freezer. 2,000,022; May 7.
 Hoffman, Charles T., Washington, D. C., assignor to E. L. Groff, trustee. Ice cream freezer for refrigerators. 2,000,023; May 7.
 Hoffman, Charles T., and E. L. Groff, Washington, D. C., assignors to E. L. Groff, trustee. Ice cream freezer. 2,000,021; May 7.
 Hoffman Combustion Engineering Company. (See Hoffman, Jerome A., assignor.)
 Hoffman, Edmund, Brooklyn, assignor to American Can Company, New York, N. Y. Spool and protector therefor. 2,024,223; Dec. 17.
 Hoffman, Edward F., assignor to M. A. Hoffman, Shaker Heights, Ohio. Meat-tendering machine. 1,995,123; Mar. 19.
 Hoffman, Edward J., Bremerton, Wash. Shoulder shaping pad. 2,010,153; Aug. 6.
 Hoffman, Edward L., Dayton, Ohio. Parachute pack. 2,005,743; June 25.
 Hoffman, Edwin C., Rochester, N. Y. Solitaire card game. 2,010,516; Aug. 6.
 Hoffman, Frank A., Mansfield, assignor of fifty-one one hundredths to O. J. Kuhlke, Akron, Ohio. Flexible vehicle. 2,017,596; Oct. 15.
 Hoffman, Fred D., Cleveland, assignor to Scientific Combustion Laboratories, Inc., Painesville, Ohio. Aerator for furnaces. 2,022,913; Dec. 3.
 Hoffman, Henry, Baltimore, Md. Ventilator. 2,019,904; Nov. 5.
 Hoffman, Jerome A., assignor to Hoffman Combustion Engineering Company, Detroit, Mich. Heat absorbing device for the protection of stokers. 2,003,194; May 28.
 Hoffman, Laurence N., Shelby, assignor to The Shelby Metal Products Company, Shelby, Ohio. Toilet paper roll holder. 2,021,417; Nov. 19.
 Hoffman, Mary A. (See Hoffman, Edward F., assignor.)
 Hoffman, Maryrose, administratrix. (See Deiller, Eugene M., assignor.)
 Hoffman, Otto, et al. (See Seese, William, assignor.)
 Hoffman, Paul. (See Church, W. H., Kidney, Hoffman, and Trumpler.)
 Hoffman, Samuel, South Orange, assignor to J. Chein & Co., Harrison, N. J. Die and making the same. 2,009,959; July 30.
 Hoffman, Samuel, South Orange, N. J. Collapsible box. 2,023,886; Dec. 10.
 Hoffman Specialty Company. (See Simpson, William K., assignor.)
 Hoffman, Walter F., and R. P. Hella, Cloquet, Minn., assignors to Cellovis, Inc., Chicago, Ill. Centrifuge. 2,025,282; Dec. 24.
 Hoffman, Walter F., Cloquet, Minn., assignor to Cellovis, Inc., Chicago, Ill. Fibrous cellulose mass and chemical reaction therewith. 2,025,283; Dec. 24.
 Hoffmann, Daniel C. (See Bedford, A. V., and Hoffmann.)
 Hoffmann, Daniel C., Philadelphia, Pa., assignor to General Electric Company. Automatic switching system. 2,018,495; Oct. 22.
 Hoffmann, Ernest V., St. Albans, and J. E. Soons, Yonkers, assignors to Hoffmann-Soons Electrical & Engineering Corporation, New York, N. Y. Electrical connector. 1,993,100; Mar. 5.
 Hoffmann, Fred P., Evanston, assignor, by mesne assignments, to American Porcelain Company, Chicago, Ill. Making dental porcelain. 2,000,285; May 7.
 Hoffmann, Gerhardt. (See Zorn, H., Hoffmann, and Rosinsky.)
 Hoffmann, Karl. (See Miescher, K., Meisel and Hoffmann.)
 Hoffmann-LaRoche Inc. (See Blankart, André, assignor.)
 Hoffmann-LaRoche Inc. (See Klingenfuss, Max, assignor.)
 Hoffmann-La Roche Inc. (See Schneider, Otto, assignor.)
 Hoffmann, Ludwig. (See Sukohl, H., and Hoffmann.)
 Hoffmann, Ludwig, and M. Grabarse, Berlin-Hermesdorf, assignors to Gustav Schwarz G. m. b. H., Berlin-Waldmannslust, Germany. Air propeller. 2,021,999; Nov. 26.
 Hoffmann, Otto, Zurich, Switzerland. Type binding means. 2,016,432; Oct. 8.
 Hoffmann-Soons Electrical & Engineering Corporation. (See Hoffmann, E. V., and Soons, assignors.)
 Hoffmann-Soons Electrical and Engineering Corporation. (See Soons, James E., assignor.)
 Hoffmann, Theodor, Berlin-Reinickendorf, Germany. Press button control for elevators and the like. 2,015,799; Oct. 1.
 Hoffmann, Ulrich. (See Mueller, J., and Hoffmann.)
 Hoffmann, Ulrich. (See Reppe, W., and Hoffmann.)
 Hoffmann, Ulrich, and B. Jacobi, Ludwigshafen-on-the-Rhine, Germany. Amino nitriles and producing same. 1,992,615; Feb. 26.
 Hoffmann, Ulrich, and B. Jacobi, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of hydroxy-alkylamino carboxylic acid compounds. 2,017,537; Oct. 15.
 Hoffritz, Charles W., Los Angeles, assignor of one-half to I. M. Johnson, Beverly Hills, Calif. Illuminated dial. 1,994,950; Mar. 19.
 Hofgaard, Rolf, Bridgeport, Conn., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Electrical calculating machine. 2,019,704; Nov. 5.
 Hofmann, Alfred, Palisade, and V. Anderson, North Bergen, assignors to Alfred Hofmann & Company, West New York, N. J. Incandescent lamp stem. 2,017,862; Oct. 22.
 Hofmann, Alfred & Company. (See Hofmann, A., and Anderson, assignors.)
 Hofmann, Alfred & Company. (See Palucki, Charles B., assignor.)
 Hofmann, Alfred, & Company. (See Trutner, Donald G., assignor.)
 Hofmann, Alfred, Inc., et al. (See Adler, Philip, assignor.)
 Hofmann, Alfred, Inc. (See Feustel, Ernest A., assignor.)
 Hofmann, Alfred, Inc. (See Knox, Horace B., assignor.)
 Hofmann, Carl F., Schonau, near Chemnitz, Germany. Traveler for ring spinning and ring doubling frames. 1,997,521; Apr. 9.
 Hofmann, Clemens. (See Socher, F., and Hofmann.)
 Hofmann, Edmund, assignor to H. H. Krueger, Chicago, Ill. Cover for heating radiators. 2,016,431; Oct. 8.
 Hofmann, Harry E., New Providence Township, Union County, N. J., and J. G. Park, Brooklyn, assignors, by mesne assignments, to Stanco, Inc., New York, N. Y. Lacquer solvent. 2,006,166; June 25.
 Hofmann, Hugo, Elizabethtown, Tenn., assignor to American Benberg Corporation, New York, N. Y. Reel. 1,992,915; Feb. 26.
 Hofmann, Hugo, Johnson City, Tenn., assignor to American Benberg Corporation, New York, N. Y. Process of and apparatus for the spinning of cuprammonium filaments. 1,997,930; Apr. 16.

- Hofmann, Konrad, Chicago, Ill. Furnace construction. 2,023,174; Dec. 3.
- Hofmann, Max. (See Fisher, J. B., and Hofmann.)
- Hofmann, Otto, Karlsbad, Czechoslovakia. Producing containers. 2,004,164; June 11.
- Hofmann, Rudolf. (See Walter, W., and Hofmann.)
- Hofmann, Rudolf. (See Walter, W., Hofmann, and Oschatz.)
- Hofmann, Victor E., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Machine for molding glass articles. 2,018,021; Oct. 22.
- Hofmann, Wilhelm, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Apparatus for utilizing heat of condensates. 2,001,784; May 21.
- Hofmeister, Cyril T., Oakland, assignor, by mesne assignments, to Standard Oil Company of California, San Francisco, Calif. Tool container and cutting block. 1,998,720; Apr. 23.
- Hofsäsz, Max, Amsterdam, Netherlands, assignor, by mesne assignments, to Shell Development Company, San Francisco, Calif. Manufacture of valuable products from ethylene and/or its homologues. 1,997,144; Apr. 9.
- Hofstadt, Richard, Wolfen, near Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of ribbons. 2,000,388; May 7.
- Hofweber, August J. (See Hofweber, Joseph E., and A. J.)
- Hofweber, Joseph E., and A. J., Detroit, Mich. Driving mechanism for motor vehicles. 2,024,099; Dec. 10.
- Hogaboom, George B., New Britain, Conn., assignor to Hanson-Van Winkle-Munnings Company, Matawan, N. J. Electroplating sequence. 1,991,747; Feb. 19.
- Hogan, Celia M., Chicago, Ill. Beach garment. 2,004,985; June 18.
- Hogan, Clark H., Oklahoma City, Okla. Manufacturing glass containers for liquid. 2,016,439; Oct. 8.
- Hogan, Edward L. (See Morse, C. T., and Hogan.)
- Hogan, George. (See Hano, E., Lacroix, and Hogan.)
- Hogan, John H., New York, N. Y. Apparatus for holding and feeding photographic film-sheets in cameras. 2,017,096; Oct. 15.
- Hogan, John V. L., Forest Hills, assignor to Radio Inventions, Inc., New York, N. Y. Television scanning system. 1,994,708; Mar. 19.
- Hogan, John V. L., Forest Hills, assignor to Radio Inventions, Inc., New York, N. Y. Television synchronization. 1,998,812; Apr. 23.
- Hogan, John V. L., Forest Hills, assignor to Radio Inventions, Inc., New York, N. Y. Scanning system. 2,010,764; Aug. 6.
- Hogan, Walter E. (See Toomey, J. F., and Hogan.)
- Hogarth, William J. (See Gedney, Walter, assignor.)
- Hoge, Daniel W., Wilmington, assignor to C. P. Ritter, Long Beach, Calif. Apparatus for reforming hydrocarbon compounds. 2,007,532; July 9.
- Hoge, Daniel W., Wilmington, assignor to C. P. Ritter, Long Beach, California. Preventing gum formation in cracked gasoline. 2,011,556; Aug. 13.
- Högel, Lennart, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Arrangement for heating gases flowing through shafts. 1,997,776; Apr. 16.
- Hogelin, Isaac E., Guthrie Center, Iowa. Ladder bracket. 2,000,483; May 7.
- Hogeman, Hans. (See Wild, J. E., Hogeman, and Schwarzmann.)
- Hogenson, Arthur L. (See Oswood, Elmer S., assignor.)
- Hogenson, William, Hinsdale, assignor to Chicago Vitreous Enamel Products Co., Chicago, Ill. Apparatus for and method of preparing fused materials. 1,993,964; Mar. 12.
- Hogg, Emerson E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Coupling or clutch mechanism. 2,025,108; Dec. 24.
- Hogg, Francis, Wesleyville, Pa., assignor to The Standard Stoker Company, Incorporated. Locomotive tender. 1,999,975; Apr. 30.
- Hogg, James A., Lowell, assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass. Endless screen conveyor. 1,988,041; Jan. 15.
- Hogg, John W., Lanerch, Pa. Charge forming device. 2,004,869; June 11.
- Hogg, William C., Pittsburgh, Pa. Tapping furnace. 2,005,143; June 18.
- Hogg, William J. (See Drissner, A. E., and Hogg.)
- Hoge, William J., assignor to The National Acme Company, Cleveland, Ohio. Forming and milling tool for dies. 2,018,523; Oct. 22.
- Hoggatt, Gilbert A., Buffalo, N. Y., assignor to Certain-Teed Products Corporation, New York, N. Y. Producing cementitious material. 2,002,945; May 28.
- Hogin, James L., et al. (See Smith, Robert N., assignor.)
- Hogue, Henry J., assignor of one-third to C. L. Wasmer, and one-third to J. C. Wasmer, Lakewood, Ohio. Wire drawing machine. 2,018,211; Oct. 22.
- Hohl, George I. (See Evans, H. L., and Hohl.)
- Hohl, Russell L., Shaker Heights, Ohio. Building construction. 2,005,994; June 25.
- Hohl, Russell L., Shaker Heights, Ohio. Building construction. 2,012,070; Aug. 20.
- Hohlfelder, F., Company, The. (See Brunst, Rudolph O., assignor.)
- Hohmann, Frederick R., Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass forming apparatus. 2,006,167; June 25.
- Hohmann, Richard K., Brooklyn, N. Y., assignor, by mesne assignments, to The Singer Manufacturing Company, Elizabethport, N. J. Sewing machine feed mechanism. 2,012,606; Aug. 27.
- Hohner, M., Inc. (See Schmidt, Otto, assignor.)
- Hohorst, William F., United States Army. Drainage system. 2,026,498; Dec. 31.
- Holle, Harold H., East Orange, N. J. Glare shield for rear vision mirrors. 1,994,648; Mar. 19.
- Hojnowski, Jakob, Nekoosa, Wis. Aeroplane. 2,002,740; May 28.
- Hoke, Harry A., Altoona, Pa. Valve operating rod for locomotives. 2,007,569; July 9.
- Hoke, Harry H., Jr., Washington, D. C. Amusement machine. 2,017,048; Oct. 15.
- Hoke, Henry E. and R. H., Hanover, Pa. Cigar. 1,996,962; Apr. 9.
- Hoke, Ralph H. (See Hoke, Henry E. and R. H.)
- Hoke, Walter W., assignor to R. Stuart, Forest Hills, N. Y. Mail advertising device. 2,005,859; June 25.
- Hoke, Walter W., Forest Hills, assignor to Westcott Electric Casting Corporation, New York, N. Y. Treatment of metals by electromagnetic forces. 2,013,653; Sept. 10.
- Hoke, William E., Baltimore, Md. Taper roller lapping device and method. 2,002,317; May 21.
- Hoke, William E., Baltimore, Md., assignor to Dardet Threadlock Corporation, New York, N. Y. Fastening means. 2,019,049; Oct. 29.
- Hokerk, Lynde De F., Utica, N. Y. Making waste and desk baskets. 2,015,382; Sept. 24.
- Hokanson, Albert, Coghlan, British Columbia, Canada. Log barker. 2,015,936; Oct. 1.
- Holan, James. (See Larsen, N. P., Holan, and Hawkins.)
- Holbeck, Austin A., Bexley, Ohio. Apparatus for breaking material. 2,022,000; Nov. 26.
- Holbeck, Austin A., Lakewood, and H. F. Holbeck, Cleveland, Ohio. Pulverizing machine. 2,016,496; Oct. 8.
- Holbeck, Austin A., Long Lake, Mich., and H. F. Holbeck, Lakewood, Ohio. Pulverizing machine. 2,016,497; Oct. 8.
- Holbeck, Halvor F. (See Holbeck, Austin A., and H. F.)
- Holbeck, Halvor F., Columbus, Ohio. Grinding apparatus. 1,991,899; Feb. 19.
- Holbrook, Harry R., Attleboro, assignor to The Mason Box Company, Attleboro Falls, Mass. Fastener and making the same. 1,996,513; Apr. 2.
- Holbrook, William C., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,008,325; July 16.
- Holcomb, Earl. (See Skner, M. S., and Holcomb.)
- Holcomb, Harry E., Stratford, Conn., assignor to Johns-Manville Corporation, New York, N. Y. Porous material and making the same. 1,985,994; Jan. 1.
- Holczer, Michael, Cleveland, Ohio. Detachable connector. 2,000,757; May 7.
- Holden, Albert D., R. H. McCracken, and T. A. Peirce, Fort Worth, Tex. Grip finder for golf clubs. 1,997,364; Apr. 9.
- Holden, Artemas F., New Haven, Conn. Case hardening composition. 2,002,180; May 21.
- Holden, Harold C. (See May, R. P., and Holden.)
- Holden, William H. T., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Amplifying system. 1,999,327; Apr. 30.
- Holden, William H. T., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Selective signaling system. 2,004,244; June 11.
- Holder, Grover C. (See Dean, Dion K., and Holder.)
- Holderbach, George, assignor to Evr-Klean Seat Pad Company, St. Louis, Mo. Removable wall-lining. 2,001,136; May 14.
- Holdsword, Clifford. (See Nutter, W. S., and Holdsword.)
- Holdsword, Clifford, Springvale, assignor to Goodall Worsted Company, Sanford, Maine. Silver coiler and can therefor. 2,018,261; Oct. 22.
- Hole, Dean. (See Eckhart, Charles D., assignor.)
- Hole, Ernest R., assignor to The Trussed Concrete Steel Company Limited, London, England. Mold for building construction elements of concrete. 1,993,930; Mar. 12.
- Holed-Tite Packing Corporation. (See Koppelman, Morris, assignor.)
- Holed-Tite Packing Corporation. (See Koppelman, M., and Gilbert, assignors.)
- Holesworth, William S., Reno, Nev. Measuring dispenser. 2,006,019; June 25.
- Holladay, William C., Alturas, Fla. Apparatus for teaching arithmetic objectively. 1,997,177; Apr. 9.
- Holinger, Emil F., assignor to Hudson Electrical Heating Corporation, New York, N. Y. Electrical heater for tubular boilers and like apparatus. 1,986,636; Jan. 1.
- Holkesvig, Orlando A. (See Bauer, J. L. F., Kiel and Holkesvig.)
- Holland, Alfred H. (See Holland, Robert A., and A. H.)
- Holland, Charles E., Fairforest, S. C. Dry bowl pipe. 2,008,614; July 16.
- Holland Company. (See Holland, Cyrus J., assignor.)
- Holland, Cyrus J., assignor to Holland Company, Chicago, Ill. Combination truck spring. 1,990,377; Feb. 5.
- Holland, Cyrus J., assignor to Holland Company, Chicago, Ill. Combination truck spring. 1,990,378; Feb. 5.

- Holland, Cyrus J., assignor to Holland Company, Chicago, Ill. Spring suspension for railway cars. 1,990,379; Feb. 5.
- Holland, Dorothea, New York, N. Y. Lingerie strap holder. 2,014,845; Sept. 17.
- Holland Furnace Company. (See Fitzgerald, Alvah E., assignor.)
- Holland Furnace Company. (See Jones, David J., assignor.)
- Holland Furnace Company. (See Nystrom, Oscar P., assignor.)
- Holland, Herbert S., Orange, Conn. Tack remover. 2,021,007; Nov. 12.
- Holland Hitch Company. (See Ketel, Henry, assignor.)
- Holland, Horace B., Woodside, N. Y. Visible multiple signal index card and system. 1,996,110; Apr. 2.
- Holland, John P., San Francisco, Calif. Garbage fill. 2,015,361; Sept. 24.
- Holland, Robert A., and A. H. Winstom-Salem, N. C. Extension table. 2,002,576; May 28.
- Holland, William K., Chicago, Ill. Registering device. 1,991,612; Feb. 19.
- Hollander, Aladar, Berkeley, Calif. Rotary hydraulic machine. 1,997,061; Apr. 9.
- Hollander, Aladar, assignor to Byron Jackson Co., Berkeley, Calif. Fluid pump. 1,997,824; Apr. 16.
- Hollander, Aladar, Berkeley, and H. E. Grau, and C. A. Lundeen, assignors to Byron Jackson Co., Los Angeles, Calif. Orifice fitting. 2,013,212; Sept. 3.
- Hollander, Charles A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Shelf clamp. 2,020,890; Nov. 12.
- Hollander, Katherine H., Evansville, Ind. Christmas tree and staff holder. 2,014,896; Sept. 17.
- Holland-Letz, Friedrich W., Steinbach-Hallenberg, Germany. Multiple pocket tool. 2,022,775; Dec. 3.
- Holland-Letz, John, Crown Point, Ind., assignor to The Letz Manufacturing Company. Roughage mill. 2,005,940; June 25.
- Hollar, John V., East Orange, N. J., assignor to Vogue Mfg. Co., Newark, N. J. Composite garment. 2,010,592; Aug. 6.
- Holland, Auguste, Paris, France. Treating bronze wastes for recovering copper, tin, lead, and precious metals therefrom. 2,016,718; Oct. 8.
- Hollender, Jean, Bogota, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Fire door. 1,993,786; Mar. 12.
- Holley Carburetor Company. (See Meinzinger, Jacob, assignor.)
- Holley, Earl, et al. (See Meinzinger, Jacob, assignor.)
- Holley, George M., et al. (See Meinzinger, Jacob, assignor.)
- Holley, George M., Detroit, Mich. Thermostatically controlled primer. 1,998,581; Apr. 23.
- Holley, William G., assignor to The Cleveland Chain & Mfg. Company, Cleveland, Ohio. Tire chain. 1,998,623; Apr. 23.
- Hollingshead, Arthur G., and C. W. Ploen, assignors to The Okadee Company, Inc., Chicago, Ill. Automatic cylinder cock with relief valve. 2,004,097; June 11.
- Hollingshead, Everett H., Dayton, Tex. Attachment for road marking machines. 1,990,545; Feb. 12.
- Hollingsworth, Frank, Altrincham, England. Pneumatic tire as used for road vehicles, aeroplanes, and the like. 2,024,040; Dec. 10.
- Hollingsworth, Lemuel, Oakland, Ark. Bookstand. 2,016,197; Oct. 1.
- Hollingsworth, Maurice H., Miami Beach, Fla. Drinking straw. 1,996,203; Apr. 2.
- Hollingsworth, Maurice H., Miami Beach, Fla. Coupling for connecting a hose to a faucet. 2,007,331; July 9.
- Hollingsworth, Raymond A., and B. H. Moe, Seattle, Wash. Cabin construction. 2,000,638; May 7.
- Hollingsworth & Vose Company. (See McClellan, James L., assignor.)
- Hollingsworth & Vose Company. (See Nichols, Lorrel B., assignor.)
- Hollins, William and Company Limited. (See Martin, George F. N., assignor.)
- Hollinshead, William H., St. Paul, Minn. Circuit controlling device. 2,012,428; Aug. 27.
- Hollister, Willoughby F., Cowen, W. Va. Treating method, means and composition for trees and the like. 1,999,458; Apr. 30.
- Hollman, Peter I., assignor to Geo. D. Roper Corporation, Rockford, Ill. Oven burner support. 1,995,351; Mar. 26.
- Hollman, Peter I., assignor to Geo. D. Roper Corporation, Rockford, Ill. Closed top stove. 2,007,446; July 9.
- Hollmann, Hans E., Berlin, Germany, assignor, by mesne assignments, to American Telephone and Telegraph Company. Operating electric discharge device. 1,994,219; Mar. 12.
- Holloway, Halbert H., Los Angeles, Calif. Airplane construction. 1,989,450; Jan. 29.
- Holloway, Herman H., Amite, La. Dredging apparatus. 2,019,988; Nov. 5.
- Holloway, Isaiah S. (See Moore, L., and Holloway.)
- Holloway, William M., Oak Park, Ill., assignor to American Can Company, New York, N. Y. Ball inserting machine. 1,999,192; Apr. 30.
- Holloway, William M., Oak Park, Ill., assignor to American Can Company, New York, N. Y. Flange lining machine. 2,004,944; June 18.
- Hollywood Brassiere Company. (See Bowen, Joseph R., assignor.)
- Holm, Benjamin, Clifton, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Artificial leather. 1,995,179; Mar. 19.
- Holm, Carl, assignor to Economic Machinery Company, Worcester, Mass. Bottle conveying mechanism. 2,005,522; June 18.
- Holm, Carl, assignor to Economic Machinery Company, Worcester, Mass. Label wiping device. 2,015,597; Sept. 24.
- Holm, Carl, assignor to Economic Machinery Company, Worcester, Mass. Label wiping device. 2,015,800; Oct. 1.
- Holm, Carl, assignor to Economic Machinery Company, Worcester, Mass. Conveyor for labeling machines and the like. 2,026,172; Dec. 31.
- Holm-Hansen, Osmund, Stratford, Conn., assignor to General Electric Company. Electric vacuum cleaner. 2,003,147; May 28.
- Holm, Ludwig. (See Dobler, E., Schulz, and Holm.)
- Holm, Ludwig. (See Zeininger, G., and Holm.)
- Holm, Melvin M. (See Davis, W. N., and Holm.)
- Holm, Melvin M. (See Shiffer, W. H., Holm, and Anderson.)
- Holm, Waldemar, Furstenwalde/Spree, Germany, assignor to N. V. Machinerleer-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Reversing mechanism for dry gas meters. 2,006,101; June 25.
- Holm, Waldemar, Furstenwalde Spree, Germany, assignor to N. V. Machinerleer-en Apparaten Fabrieken, "Meaf", Utrecht, Netherlands. Gas meter casing. 2,006,677; July 2.
- Holm, William W., Fort Scott, Kans. Separable button. 2,015,559; Sept. 24.
- Holman, Arthur J., Brookline, Mass. Motion picture projecting machine for exhibiting improved sound-on-film positive prints. 1,987,623; Jan. 15.
- Holman, Arthur J., Brookline, Mass. Optical economizer. 1,989,094; Jan. 29.
- Holman, Arthur J., Brookline, Mass. Edge grinder. 1,990,488; Feb. 12.
- Holman, Arthur J., Brookline, Mass. Automatic razor edging machine. 2,001,727; May 21.
- Holman, Arthur J., Brookline, Mass. Apparatus for grinding and polishing cylindrical lenses. 2,020,312; Nov. 12.
- Holman, Arthur J., East Orange, N. J. Gear train for moving picture projectors. 2,008,714; July 23.
- Holman, Benjamin T., Monaca Borough, assignor to Holman Safety Manufacturing Company, Pittsburgh, Pa. Oil pressure switch. 2,024,926; Dec. 17.
- Holman, Herbert E. (See Blumein, A. D., and Holman.)
- Holman, John O., assignor of one-half to H. T. Dillon, Coeur d'Alene, Idaho. Chair. 1,987,851; Jan. 15.
- Holman, Lewis E., Oakland, Calif. Spring suspension and torque apparatus for motor vehicles. 2,019,308; Oct. 29.
- Holman Safety Manufacturing Company. (See Holman, Benjamin T., assignor.)
- Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Double receiver tube for ultra short waves. 2,021,891; Nov. 26.
- Hollmann, Hubert Q., assignor to Cleveland Engineering Corporation, Euclid, Ohio. Door operating mechanism. 2,022,914; Dec. 3.
- Holmberg, Albert W., Naugatuck, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Carpet material. 2,018,524; Oct. 22.
- Holmes, Bradford B., assignor to Ruth V. Holmes, Stonington, Conn. Method of and apparatus for controlling by sensitive indicators. 1,993,548; Mar. 5.
- Holmes, Bradford B., assignor to R. V. Holmes, Stonington, Conn. Automatic steering system for dirigible craft. 1,993,549; Mar. 5.
- Holmes, Bradford B., assignor to R. V. Holmes, Stonington, Conn. Automatic steering system for dirigible craft. 1,993,550; Mar. 5.
- Holmes, Bradford B., assignor to R. V. Holmes, Stonington, Conn. Automatic steering system for dirigible craft. 1,993,551; Mar. 5.
- Holmes, Charles L., assignor of one-half to E. Soper, Chino, Calif. Pipe coupling. 1,992,485; Feb. 26.
- Holmes, Christopher C., Los Angeles, Calif. Message carrying signal apparatus for airplanes. 2,013,729; Sept. 10.
- Holmes, Edgar R., assignor to American Gyro Company, Denver, Colo. Transmission gear. 2,014,331; Sept. 10.
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Reed motion for looms. 2,007,120; July 2.
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electric weft detector. 2,025,863; Dec. 31.
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle motion for narrow ware looms. 2,025,864; Dec. 31.
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Warp beam. 2,025,865; Dec. 31.
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom to weave Venetian blind tape. 2,025,866; Dec. 31.
- Holmes, Foster. (See Fox, A. P., and Holmes.)

- Holmes, Frank, Chicago, Ill., and A. Balkema, Laurium, Mich.; said Balkema assignor to said Holmes. Sausage stuffing and linking machine. 1,994,951; Mar. 19.
- Holmes, Franklin L. (See Metzgar, Harry H., assignor.)
- Holmes, Frederick J., Detroit, Mich., assignor, by mesne assignments, to Nuway Engineering Corporation, Toledo, Ohio. Fuel system for internal combustion engines. 2,012,276; Aug. 27.
- Holmes, Frederick J., Detroit, Mich., assignor, by mesne assignments, to Nuway Engineering Corporation, Toledo, Ohio. Carburetor. 2,012,564; Aug. 27.
- Holmes, George S., Co., Inc., The. (See Barge, William D., assignor.)
- Holmes, Henry H. (See Wildt, E., and Holmes.)
- Holmes, Henry H., assignor to Wildt and Company Limited, Leicester, England. Knitting machine. 2,014,132; Sept. 10.
- Holmes, Henry H., assignor to Wildt and Company Limited, Leicester, England. Knitting machine. 2,023,261; Dec. 3.
- Holmes, Henry H., and R. H. Robinson, assignors to Wildt and Company Limited, Leicester, England. Knitting machine. 2,014,131; Sept. 10.
- Holmes, Henry H., and R. H. Robinson, assignors to Wildt and Company Limited, Leicester, England. Knitting machine. 2,017,718; Oct. 15.
- Holmes, Henry Harold. (See Wildt, E., and Holmes.)
- Holmes, Henry Harold, and R. H. Robinson, Leicester, England, assignors to Wildt and Company, Limited, Leicester, England. Knitting machine. 2,017,969; Oct. 22.
- Holmes, Henry S. (See Hoffer, L. H., and Holmes.)
- Holmes, John J., Buffalo, N. Y. Clothes wringer. 1,999,008; Apr. 23.
- Holmes, John P., Hewlett, N. Y., assignor to Celanese Corporation of America. Textile fabric. Des. 94,309; Jan. 8.
- Holmes, John P., Hewlett, N. Y., assignor to Celanese Corporation of America. Warp knit fabric. 2,019,258; Oct. 29.
- Holmes, John Q. (See Shippy, L. C., and Holmes.)
- Holmes, John Q., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Armature winding machine. 1,987,190; Jan. 8.
- Holmes, John Q., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Flash removing apparatus. 1,989,517; Jan. 29.
- Holmes, John Q., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Clutch testing apparatus. 1,991,672; Feb. 19.
- Holmes, John Q., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Indexing device. 1,994,995; Mar. 19.
- Holmes, John Q., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Condenser winding machine. 2,001,347; May 14.
- Holmes, John Q., Anderson, Ind., and L. C. Shippy, Lockport, N. Y., assignors to General Motors Corporation, Detroit, Mich. Fluid operated chuck. 2,019,814; Nov. 5.
- Holmes, John R., Lockport, N. Y., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Oil temperature regulator. 1,991,555; Feb. 19.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,996,765; Apr. 9.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,996,766; Apr. 9.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 1,999,193; Apr. 30.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Hydraulic transmission for mining machines. 2,015,143; Sept. 24.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling apparatus. 2,015,677; Oct. 1.
- Holmes, Ray H., Oaklyn, N. J., assignor to Radio Corporation of America. Audio reproducer. 1,997,408; Apr. 9.
- Holmes, Raymond J., assignor to Boston Machine Works Company, Lynn, Mass. Fabric seam rubber. 1,988,172; Jan. 15.
- Holmes, Raymond J., assignor to Boston Machine Works Company, Lynn, Mass. Combined seam-pressing and tape-applying machine. 2,015,932; Oct. 1.
- Holmes, Robert E. L., Clarksville, Mo. Pump. 2,019,969; Nov. 5.
- Holmes, Robert G., Lake Delton, Wis. Golf practice device. 2,011,857; Aug. 20.
- Holmes, Robert L., Dallas, Tex. Corrosion preventing system and process. 2,020,359; Nov. 12.
- Holmes, Ruth V. (See Holmes, Bradford B., assignor.)
- Holmes, T. J., Co. (See Lohse, Frederick W. H., assignor.)
- Holmes, Will K., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 1,985,926; Jan. 1.
- Holmgren, Eric A., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping shoe uppers. 2,008,072; July 16.
- Holmquest, Harold J. (See Kimble, H. E., and Holmquest.)
- Holmquist, August, Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Container washing machine. 1,997,792; Apr. 16.
- Holms, Walter. (See Olson, A. and Holms.)
- Holmstrom, August, Secaucus, N. J. Shock absorber. 1,996,154; Apr. 2.
- Holmstrom, John G., assignor to Kenworth Motor Truck Corporation, Seattle, Wash. Motor vehicle frame. 2,012,010; Aug. 20.
- Hollopeter, Orville C., Engelwood, N. J. Breaker arm. 2,026,344; Dec. 31.
- Holophane Company. (See Dorey, William A., assignor.)
- Holophane Company, Inc. (See Logan, Henry L., assignor.)
- Holophane Company. (See Rolph, Thomas W., assignor.)
- Holophane Company. (See Rolph, T. W., and Logan, assignors.)
- Holophane Company. (See Rosenbraugh, W. F., Tait and Wince, assignors.)
- Holophane Company. (See Williams, Stuart R., assignor.)
- Holslag, Claude J., South Orange, assignor to Electric Arc Cutting & Welding Co., Newark, N. J. Arc welding system. 2,025,205; Dec. 24.
- Holslag, Claude J., South Orange, assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Welding electrode. 2,025,206; Dec. 24.
- Holslag, Claude J., South Orange, assignor to Electric Arc Cutting & Welding Co., Newark, N. J. Welding system. 2,025,207; Dec. 24.
- Holsman, Isidore, Portland, Oreg. Illuminated motor driven endless band sign. 2,015,937; Oct. 1.
- Holsman, Isidore, Chicago, Ill. Advertising sign. 2,021,362; Nov. 11.
- Holst, Gilles, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Gas filled discharge tube. 1,991,279; Feb. 12.
- Holst, Gilles, Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge lamp device. 1,994,310; Mar. 12.
- Holst, Gilles, and A. E. van Arkel, assignors, to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrolytic cell. 2,011,519; Aug. 13.
- Holstein, Leon S., Great Neck, N. Y., and P. M. Ginder, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Purifying zinc vapor. 1,994,345; Mar. 12.
- Holstein, Leon S., Great Neck, N. Y., and P. M. Ginder, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Apparatus for purifying zinc. 1,994,346; Mar. 12.
- Holstein, Leon S., Great Neck, N. Y., and P. M. Ginder, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Purification or separation of metals. 1,994,358; Mar. 12.
- Holstein, Leon S., Great Neck, N. Y., and G. F. A. Stutz, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Zinc sulphide. 2,020,313; Nov. 12.
- Holt, Annon W., Long Beach, Calif. Roof demonstrator. 2,005,034; June 18.
- Holt, Charles K., Santa Barbara, I. B. Marsh, Ventura, and J. B. Merritt, Santa Barbara, Calif. Drill pipe protector. 2,002,983; May 28.
- Holt, Einar H., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Time delay circuit. 1,999,811; Apr. 30.
- Holt, Elmer A. (See Gearhart, Roy E., assignor.)
- Holt, Francis A., assignor, by mesne assignments, to Moto-Vita Corporation, New York, N. Y. Means for detecting and controlling gases. 1,993,665; Mar. 5.
- Holt, Harold S. (See Coolidge, C. and Holt.)
- Holt, Harold S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanized asphalt oil and product containing it. 2,002,634; May 28.
- Holt, Harold S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Moldable composition. 2,022,001; Nov. 26.
- Holt, Harold S., and G. L. Schwartz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of paper pulp. 1,995,758; Apr. 23.
- Holt, James B., Dunham Town, near Altrincham, England. Adjusting the length coaxial and overlapping tubes, or tubes and rods. 2,019,259; Oct. 29.
- Holt, Lee C. (See Calcott, W. S. and Holt.)
- Holt, Lee C., Edgemoor, and E. L. Mattison, Richardson Park, assignors to Kinetic Chemicals Inc., Wilmington, Del. Organic fluorine compounds and production thereof. 2,005,712; June 18.
- Holt, Lee C., Edgemoor, Del., and E. L. Mattison, Penns-grove, N. J., assignors to Kinetic Chemicals Inc., Wilmington, Del. Production of fluorinated acyclic hydrocarbons. 2,005,713; June 18.
- Holt, Lee C., Edgemoor, and H. W. Raudt, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Aniline hydrohalide preparation. 2,007,199; July 9.
- Holt, Maynard F., Rye, and S. N. Lipowski, New York, N. Y.; said Lipowski assignor to said Holt. Coating means and mechanism. 2,012,816; Aug. 27.
- Holt, Noah, Pueblo, Colo. Hemoglobinometer. 1,994,102; Mar. 12.
- Holt, Robert H., executor, et al. (See Badger, Arthur C.)
- Holt, Seymour S., Graham, N. C. Handling textile fibers. 2,014,844; Sept. 17.

- Holt, Thomas W., and J. F. Levan, assignors to Excel Curtain Company, Elkhart, Ind. Automobile door or body and window construction. 1,997,865; Apr. 16.
- Holt, Thomas W., and J. F. Levan, Elkhart, Ind., assignors by mesne assignments, to The Syracuse Trust Company, trustee, Syracuse, N. Y. Window construction. 2,011,052; Aug. 13.
- Holt, Thomas W., and J. F. Levan, assignors to Excel Curtain Company, Elkhart, Ind. Curtain operating mechanism. 2,014,178; Sept. 10.
- Holt, Thomas W., and J. F. Levan, assignors to Excel Curtain Company, Elkhart, Ind. Automobile door or body and window construction. 2,024,765; Dec. 17.
- Holt, William, Bury, England. Terry towel. 2,012,719; Aug. 27.
- Holt, William E., Newark, N. J. Floor surfacing machine. 2,001,098; May 14.
- Holt, William E., Newark, N. J. Floor surfacing machine. 2,001,099; May 14.
- Holtham, Gerald J., Pensacola, Fla. Oil burner tip. 2,019,815; Nov. 5.
- Holton, Arthur B. (See Gans, H. B., Jr., and Holton.)
- Holton, Charles R. (See Carstens, Albert N., assignor.)
- Holtzer-Cabot Electric Company, The. (See Baker, Randall B., assignor.)
- Holtzer-Cabot Electric Company, The. (See Durbin, Vernon, assignor.)
- Holtzman, Abraham M., Brooklyn, N. Y. Chair having a flexibly supported seat. 2,018,721; Oct. 29.
- Holtzman, John, New York, N. Y. Razor blade and holder. 1,987,191; Jan. 8.
- Holtzman, John, New York, N. Y. Razor blade sharpener. 2,008,211; July 16.
- Holtzman, John, assignor to American Safety Razor Corporation, New York, N. Y. Safety razor. 1,988,844; Jan. 22.
- Holub, John J., Chicago, Ill. Stove-pipe seam lock. 1,991,802; Feb. 19.
- Holub, John J., Chicago, Ill. Seam lock for stove pipes. 2,006,863; July 2.
- Holven, Alfred L., and T. R. Gillett, Crockett, Calif. Turbidity control apparatus and system. 1,994,768; Mar. 19.
- Holy, Mitchell E. (See Snodgrass, E. N., and Holy.)
- Holyoke Heater Company. (See Conant, John H., assignor.)
- Holz, Andrew F., Bristol, Conn. Burial vault seal. 2,019,412; Oct. 29.
- Holzach, Karl. (See Krzikalla, H., and Holzach.)
- Holzach, Karl, and F. Lange, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuff salt containing heavy metals in complex combination in the acid component. 1,994,709; Mar. 19.
- Holzberger, Julius, Dachau, near Munich, Germany, assignor, by mesne assignments, to Gebr. Bohler & Co., Aktiengesellschaft, Berlin, Germany. Hard metal alloy. 1,992,372; Feb. 26.
- Holzer, Hiram A., assignor to United Iron Works Company, Pittsburg, Kans. Dump trailer. 2,017,970; Oct. 22.
- Holzheimer, William, assignor of one-half to Kraut and Dohnal, Chicago, Ill. Carving device. 2,013,780; Sept. 10.
- Holzhydrolyse, Aktiengesellschaft. (See Faerber, E., Koch, and Urban, assignors.)
- Holzwarth Gas Turbine Company. (See Holzwarth, Hans, assignor.)
- Holzwarth Gas Turbine Company, The. (See Meininghaus, Ulrich, assignor.)
- Holzwarth Gas Turbine Company, The. (See Noack, Walter G., assignor.)
- Holzwarth-Gasturbinen G. m. b. H. (See Noack, Walter G., assignor.)
- Holzwarth, Hans, Dusseldorf, Germany, assignor to The Holzwarth Gas Turbine Company, San Francisco, Calif. Explosion chamber and method of charging same. 1,991,390; Feb. 19.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Method of and apparatus for regulating constant volume explosion chambers. 2,003,292; June 4.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Explosion chamber. 2,003,293; June 4.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Method and apparatus for igniting explosive charges. 2,004,945; June 18.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Operating explosion chambers. 2,010,019; Aug. 6.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Explosion turbine. 2,010,020; Aug. 6.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Explosion turbine plant for vehicles. 2,010,021; Aug. 6.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Cooling of gas turbine blades. 2,010,022; Aug. 6.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Power plant and operating same. 2,012,963; Sept. 3.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to The Holzwarth Gas Turbine Co., San Francisco, Calif. Regulation of explosion turbine plants. 2,015,072; Sept. 24.
- Homan, John G., Steubenville, Ohio. Cleaning or moistening device. 2,011,635; Aug. 20.
- Höme, Hugo, Essen, Germany. Hydraulic shock absorber for automobiles. 2,002,397; May 21.
- Höme, Hugo, Essen, Germany. Stabilizer for vehicles. 2,002,398; May 21.
- Homeier, Otto F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tool for preparing laminated fabrics for splicing. 2,004,517; June 11.
- Homer, William J., Hinsdale, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Making insulated wire. 2,013,686; Sept. 10.
- Homeyer, August H. (See Whitmore, F. C., Homeyer, and Trent.)
- Hommel, Ernest M., Pittsburg, Pa., assignor to The O. Hommel Company. Stenciling apparatus. 2,011,363; Aug. 13.
- Hommel, O., Company, The. (See Hommel, Ernest M., assignor.)
- Hommel, O., Company, The. (See Rosenberg, Jacob B., assignor.)
- Hommel, Oscar, Pittsburgh, Pa., assignor to Enamelers Guild, Inc. Enamel ware. 2,019,676; Nov. 5.
- Homon, Albert, Chicopee, assignor to Springfield Wire & Tinsel Co., West Springfield, Mass. Making scouring utensils. 1,995,808; Mar. 26.
- Homon, Albert, Chicopee, assignor to Springfield Wire & Tinsel Co., West Springfield, Mass. Scouring utensil. 1,995,809; Mar. 26.
- Hompe, Robert W., Cleveland, Ohio. Display carton. 2,022,721; Dec. 3.
- Honaman, Richard K., Bloomfield, N. J., assignor to American Telephone and Telegraph Company. Electrical discharge registering system. 2,014,179; Sept. 10.
- Hondeville, August I., Merced, assignor to Serv-A-Towel Manufacturing Company, San Francisco, Calif. Towel cabinet. 2,005,744; June 25.
- Hondeville, August I., Merced, assignor to Serv-A-Towel Manufacturing Company, San Francisco, Calif. Towel book support. 2,017,248; Oct. 15.
- Honegger, Corinne, Forest Hills, N. Y. Producing decorative surfaces on metal. 2,009,804; July 30.
- Hönel, Herbert, Klosterneuburg-Weidling, near Vienna, Austria, assignor to Beck, Koller & Company, Inc., Detroit, Mich. Artificial mass and making same. 1,988,353; Jan. 15.
- Hönel, Herbert, Klosterneuburg-Weidling, near Vienna, Austria, assignor to Beck, Koller & Company, Inc., Detroit, Mich. Artificial mass and making same. 1,988,354; Jan. 15.
- Hönel, Herbert, Klosterneuburg-Weidling, near Vienna, Austria, assignor to Beck, Koller & Company, Inc., Detroit, Mich. Artificial mass and making same. 1,988,355; Jan. 15.
- Hönel, Herbert, Klosterneuburg-Weidling, near Vienna, Austria, assignor to Beck, Koller & Company, Inc., Detroit, Mich. Artificial mass and making same. 1,988,356; Jan. 15.
- Hönel, Herbert, Klosterneuburg-Weidling, near Vienna, Austria, assignor to Beck, Koller & Company, Inc., Detroit, Mich. Artificial mass and making the same. 2,012,277; Aug. 27.
- Hönel, Herbert, Vienna, Austria, assignor to Beck, Koller & Company, Detroit, Mich. Production of condensation products. 1,996,069; Apr. 2.
- Hönel, Herbert, Vienna, Austria, assignor to Beck, Koller & Company, Inc., Detroit, Mich. Condensation product and preparing the same. 1,996,070; Apr. 2.
- Hönel, Herbert, Vienna, Austria, assignor to Beck, Koller & Company, Inc., Detroit, Mich. Condensation product and for preparing the same. 2,012,278; Aug. 27.
- Honeycutt, William C., et al. (See Brown, William Y., assignor.)
- Honeywell, George B. (See Rood, B. S., and Honeywell.)
- Honig, Herbert G., Los Angeles, Calif. Cable bond. 2,012,536; Aug. 27.
- Honigbaum, Harry H., Forest Hills, N. Y. Shingle. 2,024,861; Dec. 17.
- Honigman, Hans, East Cleveland, assignor to The Chandler & Price Company, Cleveland, Ohio. Platen printing press. 2,004,149; June 11.
- Honigmann, Hans, assignor to The Chandler & Price Company, Cleveland, Ohio. Slur eliminator for printing presses. 1,995,426; Mar. 26.
- Honing, Wilhelm, Eindhoven, Netherlands, assignor to General Electric Company. Illumination. 2,006,140; June 25.
- Honiss, William T., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for and delivering molten glass. 1,986,575; Jan. 1.
- Honold, Ernst, Frankfurt-on-the-Main, and H. Wolff, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone-acridine series and their production. 2,014,568; Sept. 17.
- Honold, Ernst, and R. Müller, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Halogenated vat dyestuff of the benzanthranylaminonanthraquinone series and making same. 2,022,240; Nov. 26.

- Hood, Charles E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and apparatus for preparing soles for boots and shoes. 1,987,827; Jan. 15.
- Hood, Charles E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole fitting machine. 2,020,416; Nov. 12.
- Hood, Charles E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole and method of sole fitting. 2,020,417; Nov. 12.
- Hood, Herman A., Houston, Tex. Flow controller. 2,017,500; Oct. 15.
- Hood, John M., Pawtucket, R. I. Apparatus for applying waxes, rosins, oils, etc., to textile fibers, yarns, or fabrics. 2,009,232; July 23.
- Hood, Orla E., Indianapolis, Ind. Treating fresh concrete. 2,023,887; Dec. 10.
- Hood, Roy E. (See Bradbury, A. W., and Hood.)
- Hood Rubber Company. (See Ashton, William S., assignor.)
- Hood Rubber Company. (See Bodle, Virgil H., assignor.)
- Hood Rubber Company. (See Cate, Malcolm S., assignor.)
- Hood Rubber Company. (See Diller, A. L., and L'Hollier, assignors.)
- Hood Rubber Company. (See Fowler, Fred D., assignor.)
- Hood Rubber Company. (See L'Hollier, Leslie H., assignor.)
- Hood Rubber Company. (See Lussier, Joseph A., assignor.)
- Hood Rubber Company. (See MacDonald, Frank J., assignor.)
- Hood Rubber Company. (See Tousley, Nelson E., assignor.)
- Hood Rubber Company. (See Wentworth, R. A., and McCurdy, assignors.)
- Hood Rubber Company, Inc. (See L'Hollier, Leslie H., assignor.)
- Hood, Samuel C., Gulfport, Miss. Safety razor. 2,022,598; Nov. 26.
- Hoof, Addison C., Hinsdale, Ill. Governor. 1,999,758; Apr. 30.
- Hoof, Addison C., Hinsdale, Ill. Carburetor. 2,014,021; Sept. 10.
- Hoogendam, Adriaan M. I. (See van Dijk, W. J. D., and Hoogendam.)
- Hoogs, William H., assignor of two-fifths to W. A. Ramsey, Honolulu, Territory of Hawaii. Razor blade package. 2,007,915; July 9.
- Hook, Benton A., Oakland, Calif. Preparing greens for canning. 2,020,645; Nov. 12.
- Hook, Ira T., New Haven, assignor to The American Brass Company, Waterbury, Conn. Threadless pipe connection and making same. 2,003,488; June 4.
- Hook, Ira T., New Haven, assignor to The American Brass Company, Waterbury, Conn. Welding rod alloy. 2,012,450; Aug. 27.
- Hooker, Albert H., Lewiston, assignor to Hooker Electrochemical Company, New York, N. Y. Reduction of contamination in solutions. 2,023,271; Dec. 3.
- Hooker Electrochemical Company. (See Hooker, Albert H., assignor.)
- Hooker Electrochemical Company. (See Osborne, Sidney G., assignor.)
- Hooker Electrochemical Company. (See Osborne, S. G., and Rowland, assignors.)
- Hooker Electrochemical Company. (See Rue, John D., assignor.)
- Hooker Electrochemical Company. (See Sconce, James S., assignor.)
- Hooker Electrochemical Company. (See Scott, W. B., Bovier, and Matthews, assignors.)
- Hooker Electrochemical Company. (See Stuart, Kenneth E., assignor.)
- Hooker, Paul, T. L. B. Lyster, and J. D. Rue, Niagara Falls, assignors to Hooker Electrochemical Company, New York, N. Y. Reacting semifluid materials. 2,000,953; May 14.
- Hookless Fastener Company. (See Binns, E. H., and De Hart, assignors.)
- Hookless Fastener Company. (See Corner, George H. C., assignor.)
- Hookless Fastener Company. (See Craig, William D., assignor.)
- Hookless Fastener Company. (See Gilmore, William L., assignor.)
- Hookless Fastener Company. (See McCoy, William C., assignor.)
- Hookless Fastener Company. (See Norton, Samuel H., assignor.)
- Hookless Fastener Company. (See Quisling, Sverre, assignor.)
- Hookless Fastener Company. (See Sipe, Harry E., assignor.)
- Hookless Fastener Company. (See Sundback, Glendon, assignor.)
- Hooks, Robert P., assignor of forty per cent to T. Catero, Lowell, Ariz. Safety appliance for elevators. 2,025,241; Dec. 24.
- Hooley, Frank M., Yuba City, Calif. Sheet metal and pipe cutter. 1,992,211; Feb. 26.
- Hooley, John W., Larchmont, N. Y. Expansion coupling for cable conduits. 2,024,862; Dec. 17.
- Hooper, Fred E., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe support. 2,005,720; June 25.
- Hooper, Fred E. (See Doulette, H. T., and Hooper.)
- Hoopes, Ernest A., Des Moines, Iowa, assignor to G. H. Hall, Milwaukee, Wis. Spring switch. 2,024,362; Dec. 17.
- Hoopes, Penrose R., Hartford, Conn., assignor to The Ajax Manufacturing Company, Euclid, Ohio. Machine for electrically heating metal articles. 2,016,369; Oct. 8.
- Hoos, Benjamin G. (See Schur, M. O., and Hoos.)
- Hoosier Lamp & Stamping Corporation. (See Bugg, Kenly C., assignor.)
- Hoosier Manufacturing Company, The. (See McQuinn, Emmett G., assignor.)
- Hoovenaire Corporation. (See Eaves, W. C., and Dilks, assignors.)
- Hoover, Charles E., Lancaster, Pa. Battery terminal connector. 1,998,016; Apr. 16.
- Hoover, Charles E., Lancaster, Pa. Connecting cables to batteries. 2,004,049; June 4.
- Hoover, Charles E., Lancaster, Pa. (Solderless battery cable grip. 2,015,144; Sept. 24.)
- Hoover, Charles E., Lancaster, Pa. Storage battery terminal post. 2,024,288; Dec. 17.
- Hoover, Clair G., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Pneumatic tire. 2,011,552; Aug. 13.
- Hoover Company, The. (See Altenkirch, Edmund, assignor.)
- Hoover Company, The. (See Becker, Bernard C., assignor.)
- Hoover Company, The. (See Boettler, Christian G., assignor.)
- Hoover Company, The. (See Carlson, Vernon E., assignor.)
- Hoover Company, The. (See Grothe, Frank A., assignor.)
- Hoover Company, The. (See Hoover, Howard E., assignor.)
- Hoover Company, The. (See Hudson, Willis F., assignor.)
- Hoover Company, The. (See Kitto, William H., assignor.)
- Hoover Company, The. (See Nelson, Rudolph S., assignor.)
- Hoover Company, The. (See Nelson, R. S., and Babcock, assignors.)
- Hoover Company, The. (See Nelson, R. S., and Davidson, assignors.)
- Hoover Company, The. (See Nesselmann, Kurt V., assignor.)
- Hoover Company, The. (See Siedle, Arnold D., assignor.)
- Hoover Company, The. (See Smellie, Donald G., assignor.)
- Hoover Company, The. (See Taylor, Charles H., assignor.)
- Hoover Company, The. (See Whitaker, Uncas A., assignor.)
- Hoover Company, The. (See White, Harry B., assignor.)
- Hoover, George R., assignor to The American Rolling Mill Company, Middletown, Ohio. Treatment of asphalt to remove unsaturated compounds therefrom. 2,026,039; Dec. 31.
- Hoover, George R., and W. E. Marshall, assignors to The American Rolling Mill Company, Middletown, Ohio. Treating galvanized sheets. 1,989,925; Feb. 5.
- Hoover, George R., and A. H. Thomas, assignors to The American Rolling Mill Company, Middletown, Ohio. Paved corrugated culvert and producing it. 1,989,926; Feb. 5.
- Hoover, George R., and G. E. Shafer, Middletown, assignors to The American Rolling Mill Company, Middletown, Ohio. Method and apparatus for testing organic coatings. 2,020,891; Nov. 12.
- Hoover, Howard E., Glencoe, Ill. Suction cleaner. 1,987,296; Jan. 8.
- Hoover, Howard E., Glencoe, Ill., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,996,921; Apr. 9.
- Hoover, Isaac W., Avery, Ohio. Sorting apparatus. 1,999,875; Apr. 30.
- Hoover, Israel D., Monterey Park, Calif. Shelf. 2,010,990; Aug. 13.
- Hoover, Melvin P. (See Berning, T. J., and Hoover.)
- Hoover, Paul L., Middlebush, and E. D. Kennedy, assignors to Endowment Foundation, New Brunswick, N. J. Timing axis for cathode ray oscillographs. 2,025,208; Dec. 24.
- Hoover, Ray, Plainfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Tape winding reel. 2,019,857; Nov. 5.
- Hoover, Smith, et al. (See Bachmeyer, George J., assignor.)
- Hoover, Walter S., Girard, assignor of one-half to P. H. Crow, Meadville, Pa. Hollow propeller. 1,988,202; Jan. 15.
- Hoover, Walter S., Meadville, Pa. Hydraulic unit for variable pitch propellers. 2,023,785; Dec. 10.
- Hope, Edward, Island Bay, Wellington, New Zealand. Apparatus for spraying noxious weed killing solutions and the like. 1,991,930; Feb. 19.
- Hope, Ernest. (See Ricks, F., and Hope.)
- Hope, James L., assignor to Dings Magnetic Separator Co., Milwaukee, Wis. Magnetic coupling. 1,989,984; Feb. 5.
- Hope, John W., New York, N. Y. Automatic rheostat control. 2,025,987; Dec. 31.
- Hope, Samuel N., Wauwatosa, assignor to Griffith-Hope Company, West Allis, Wis. Delivery roll fixture. 1,999,759; Apr. 30.
- Hope, Samuel N., Wauwatosa, Wis., assignor to Dudley Lock Corporation, Chicago, Ill. Latching means for lockers and the like. 2,001,493; May 14.

- Hope, Samuel N., Wauwatosa, assignor to Griffith-Hope Company, West Allis, Wis. Seal. 2,002,856; May 28.
- Hope, Samuel N., Wauwatosa, and P. Drath, assignors to Griffith-Hope Company, West Allis, Wis. Vending machine. 1,999,238; Apr. 30.
- Hope, Vernon, Upton Hall, Macclesfield, England. Electric fuse. 2,018,556; Oct. 22.
- Hoper Electrochemical Company. (See Hooker, P., Lyster, and Rue, assignors.)
- Hopes, Charles W., Miami, Fla. Automatic choking device. 2,025,867; Dec. 31.
- Hopes Windows, Inc. (See Ellison, Edward H., assignor.)
- Hopewell, Annie F., Ottawa, Ontario, Canada. Drain cleaning device. 2,016,498; Oct. 8.
- Hopewell, Frank B., Newton, Mass., deceased; H. C. Hopewell, executrix, assignor to F. B. Hopewell, Newton, Mass., trustee. Shuttle rebound preventer for looms. 1,991,018; Feb. 12.
- Hopewell, Helen C., executrix. (See Hopewell, Frank B.)
- Hopfensberger, Georg. (See Seibold, E., and Hopfensberger.)
- Hopff, Heinrich. (See Kraenzlein, G., and Hopff.)
- Hopff, Heinrich. (See Keller, K., Hopff, Gofferje, and Nuesslein.)
- Hopff, Heinrich, F. Ebel, and E. Valkó, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktien-gesellschaft, Frankfurt-on-the-Main, Germany. Production of conversion products of rubber. 1,988,448; Jan. 22.
- Hopfner, Ferdinand L., St. Paul, assignor of one-third to A. E. Lux, White Bear Lake, and one-third to W. J. Lux, St. Paul, Minn. Water softener. 1,986,774; Jan. 1.
- Hopkes, Henry, Scharfenstein, Germany. Dispensing device. 1,990,325; Feb. 5.
- Hopkin, Walter S., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Molding articles. 2,010,669; Aug. 6.
- Hopkins, Alfred J., River Forest, assignor to Gaw-O'Hara Envelope Company, Chicago, Ill. Envelope packet. 1,994,393; Mar. 12.
- Hopkins, Alva E., Tacoma, Wash. Bait clip. 2,000,954; May 14.
- Hopkins, Alva R., Merchantville, N. J., assignor to Radio Corporation of America. Remote control system. 1,999,359; Apr. 30.
- Hopkins, Alva R., Merchantville, N. J., assignor to Radio Corporation of America. Radio frequency distribution system. 2,006,994; July 2.
- Hopkins, Alva R., Merchantville, N. J., assignor to Radio Corporation of America. Program distribution for trains. 2,008,279; July 16.
- Hopkins, Alva R., Merchantville, N. J., assignor to Radio Corporation of America. Radio frequency distribution system for trains. 2,008,280; July 16.
- Hopkins, Arthur G., Maspeth, assignor to Metal Package Corporation, New York, N. Y. Seaming machine. 1,989,518; Jan. 29.
- Hopkins, Arthur G., Maspeth, N. Y., assignor to National Can Company. Sheet metal can and rip strip therefor. 2,006,045; June 25.
- Hopkins, Blake F. (See Crowley, Millard E., assignor.)
- Hopkins, Carl P. (See Horne, J. W., and Hopkins.)
- Hopkins, Durward K., Peoria, Ill. Apparatus and method for forming screen from wire. 2,004,409; June 11.
- Hopkins, Durward K., assignor to Micro Products Company, Peoria, Ill. Welding machine. 2,015,184; Sept. 24.
- Hopkins, Edwin, New York, N. Y. Teleticket system. 2,004,112; June 11.
- Hopkins, Edwin, New York, N. Y. Phonodynes, including mechanisms, processes, and manufactures. 2,007,370; July 9.
- Hopkins, Edwin S., New York, N. Y. Automatic synchronizing means for cinematographs and phonographs. 2,012,044; Aug. 20.
- Hopkins, Edwin, New York, N. Y. Automatic continuator. 2,015,718; Oct. 1.
- Hopkins, George W., Jr., and E. E. Wickersham, assignors to Caterpillar Tractor Co., San Leandro, Calif. Tractor. 2,012,510; Aug. 27.
- Hopkins, Harris H. (See Bennett, H. T., Hopkins, and Marshall.)
- Hopkins, Homer S. (See Conklin, W. F., Hopkins, and Hover.)
- Hopkins, Horace H., Ridley Park, Pa., assignor to E. I. duPont de Nemours & Company, Wilmington, Del. Resinous coating composition. 2,018,557; Oct. 22.
- Hopkins, Howard L., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloy. 1,986,826; Jan. 8.
- Hopkins, Howard L., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloy. 1,986,827; Jan. 8.
- Hopkins, Luther H., Oak Park, Ill. Lead pot. 2,022,372; Nov. 26.
- Hopkins, Nevil M., New York, N. Y. Apparatus and method of radio voting. 1,990,489; Feb. 12.
- Hopkins, Ralph Z., Detroit, Mich. Fire extinguisher. 1,998,721; Apr. 23.
- Hopkins, Raymond E., Rockland, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 2,010,719; Aug. 6.
- Hopkins, Richard M., Rutherford, N. J., assignor to American District Telegraph Company, New York, N. Y. Key-trapping valve lock for transmitter-supervised sprinkler systems. 1,991,504; Feb. 19.
- Hopkins, Richard M., Rutherford, N. J., assignor to American District Telegraph Company, New York, N. Y. Alarm or signal sending system. 2,011,636; Aug. 20.
- Hopkins, Richard M., Rutherford, N. J., assignor to American District Telegraph Company, New York, N. Y. Floor trap signaling device. 2,014,474; Sept. 17.
- Hopkins, Richard M., Rutherford, N. J.; W. J. Kleinknecht, Stratford, Conn.; and C. E. Whiteman, Richmond Hill, assignors to American District Telegraph Company, New York, N. Y. Apparatus and system for registering watchmen's tours. 1,990,380; Feb. 5.
- Hopkins, Richard M., Rutherford, N. J., and N. V. Fedotoff, Lynbrook, assignors to American District Telegraph Company, New York, N. Y. Intermittent current constant tape feed recorder. 1,995,030; Mar. 19.
- Hopkins, Richard M., Rutherford, N. J., and W. J. Kleinknecht, Stratford, Conn., assignors to American District Telegraph Company, New York, N. Y. Nonaccumulative bandit alarm retard device. 2,007,371; July 9.
- Hopkins, Richard M., assignor to American District Telegraph Company, New York, N. Y. Alarm switch. 2,001,137; May 14.
- Hopkins, Richard M., and P. M. Farmer, assignors to American District Telegraph Company, New York, N. Y. Electric call and alarm system. 2,010,233; Aug. 6.
- Hopkins, Robert K., assignor to M. W. Kellogg Co., New York, N. Y. Manufacture of pressure vessels. 1,991,556; Feb. 19.
- Hopkins, Robert K., assignor to M. W. Kellogg Co., New York, N. Y. Broaching apparatus. 1,991,937; Feb. 19.
- Hopkins, Robert K., assignor to M. W. Kellogg Co., New York, N. Y. Pipe coil. 1,994,649; Mar. 19.
- Hopkins, Robert K., assignor to The M. W. Kellogg Co., New York, N. Y. Electric arc welding electrode. 1,994,650; Mar. 19.
- Hopkins, Robert K., assignor to M. W. Kellogg Co., New York, N. Y. Electric arc welding method. 1,997,969; Apr. 16.
- Hopkins, Robert K., assignor to M. W. Kellogg Company, New York, N. Y. Manufacture of headers or return bends. 2,007,649; July 9.
- Hopkins, Robert K., West Brighton, assignor to The M. W. Kellogg Co., New York, N. Y. Forming return bends. 2,007,648; July 9.
- Hopkins, Robert K., assignor to The M. W. Kellogg Co., New York, N. Y. Arc-welding machine. 2,019,970; Nov. 5.
- Hopkins, Robert K., assignor to The M. W. Kellogg Co., New York, N. Y. Arc welding machine. 2,019,971; Nov. 5.
- Hopkins, Robert K., assignor to M. W. Kellogg Co., New York, N. Y. Arc striking control. 2,022,084; Nov. 26.
- Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Edge printer. 1,987,064; Jan. 8.
- Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Device for producing enlarged images. 2,008,982; July 23.
- Hopkins, William E., Pittsburgh, Pa. Toy. 2,003,748; June 4.
- Hopkinson, Ernst, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Automobile tire. 2,006,315; June 25.
- Hopkinson, Lawrence T., Washington, D. C. Production of fertilizer. 2,003,887; June 4.
- Hopley, Charles, Worsley, England. Garden hoe. 2,010,303; Aug. 6.
- Hopp, Max, New York, N. Y. Carbon copying unit. 2,023,958; Dec. 10.
- Hoppe, Andrew C. (See Gerlat, A. E., Hoppe, and Pieper.)
- Hoppe, Otto F., Frankfurt-on-the-Main, Germany, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 2,001,308; May 14.
- Hoppe, Otto F., Frankfurt-on-the-Main, Germany, assignor to United Shoe Machinery Corporation, Paterson, N. J. Needle lubricating mechanism. 2,007,570; July 9.
- Hoppe, William, assignor to National Bread Wrapping Machine Co., Springfield, Mass. Cutting mechanism for wrapping machine. 2,014,765; Sept. 17.
- Hopper, Basil. (See Aldridge, B. G., and Hopper.)
- Hoppert, Filser D., Springfield, Mass. Valved steam tube for machine guns. 1,988,449; Jan. 22.
- Hopping, Alvin S., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America. Audion tube construction. 2,006,807; July 2.
- Hopping, John E. (See Abrell, R. T., and Hopping.)
- Hopson, Charles D. (See Montgomery, W. J., Austin, and Hopson.)
- Hopson, W. C., Co. (See Behler, Earl E., assignor.)
- Hopson, W. C., Company. (See Hopson, William C., assignor.)
- Hopson, William C., assignor to W. C. Hopson Company, Grand Rapids, Mich. Poultry fountain. 1,985,995; Jan. 1.
- Hopwood, John A., Great Neck, N. Y. Box for transporting bottles. 1,994,710; Mar. 19.
- Hopwood, John A., Great Neck, N. Y. Bottle transporting box. 1,999,539; Apr. 30.
- Hopwood, John A., Great Neck, N. Y. Milk crate. 1,999,540; Apr. 30.
- Hopwood, John A., Great Neck, N. Y. Delivery box. 2,008,827; July 23.

- Hopwood, John M. (See Smith, George W., assignor.)
Hopwood, John M. (See Specht, James E., assignor.)
Hora, Josef, Wuppertal-Oberbarmen, Germany. Sliding clasp fastener with fastener elements of nonmetallic materials. 2,025,453; Dec. 24.
Horak, Julius J. (See Quandt, H. L., and Horak.)
Horak, Julius J., assignor to Quandt Chemical Co., San Francisco, Calif. Core and mold wash. 1,990,075; Feb. 5.
Horkavi, Michael J., assignor of one-fourth to W. L. Evans, one-fourth to L. C. Christopher, and one-fourth to M. S. Czolgosz, Gary, Ind. Dispensing apparatus. 1,988,122; Jan. 15.
Horlick, William, Jr., Racine, Wis. Paper fastener. 2,008,019; July 16.
Hormel, August, Hoboken, N. J. Metal sheet drying oven. 1,994,220; Mar. 12.
Hormel, August, Hoboken, N. J. Drier for metal plates. 2,019,972; Nov. 5.
Hormel, August, Hoboken, N. J. Apparatus for feeding metal plates. 2,019,973; Nov. 5.
Horn, Emil, Long Island City, N. Y. Pinking attachment. 1,989,596; Jan. 29.
Horn, Erwin A., Seattle, Wash. Interlocking wall unit. 1,987,828; Jan. 15.
Horn, Guido, Berlin-Weissensee, Germany. Braiding machine. 1,990,028; Feb. 5.
Horn & Hardart Baking Company. (See Cramer, Albert M., assignor.)
Horn, Harry J. (See Hunt, J. H., and Horn.)
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Shield or cover plate for vehicle wheels. 2,006,639; July 2.
Horn, Marjorie. (See Horn, Theodore A., and M.)
Horn, Theodore A., and M., Los Angeles, Calif. Forehead shield. 2,023,683; Dec. 10.
Horn, Thomas W., University Heights, Ohio. Offset printer. 2,007,571; July 9.
Horn, William H., & Bro., Incorporated. (See Southwick, Charles E., Jr., assignor.)
Hornback, Arch E., assignor of one-eighth to C. S. Deneen, three-sixteenths to W. G. Davis, one-eighth to G. Hardy, one-sixteenth to E. Schumacher, and one-fourth to A. Wilkinson, Chicago, Ill. Spark plug. 2,010,991; Aug. 13.
Hornberger, Carl S., Glen Ellyn, Ill., assignor to Central Scientific Company. Laboratory burner. 2,017,097; Oct. 15.
Hornbuckle, William P., and R. F. Craig, Stanley, N. C. Combined extractor and drier for yarns. 1,997,380; Apr. 9.
Horne, Aline C., Holtville, Calif. Identification band. 1,991,673; Feb. 19.
Horne, Burchard E., Andover, Mass. Steam boiler regulator. 1,992,212; Feb. 26.
Horne, George H., Glendale, and M. A. Lissman, assignors to International Precipitation Company, Los Angeles, Calif. Treating gases. 1,990,943; Feb. 12.
Horne, John P., Beckley, W. Va. Agglomerated fuel package. 2,011,245; Aug. 13.
Horne, Joseph W., and C. P. Hopkins, Boulder, Colo. Producing insecticide and the like. 1,990,490; Feb. 12.
Hörnell, Per G., Lidings, Sweden. Control and automatic cut-off valve. 1,993,666; Mar. 5.
Hörnell, Per G., Lidings, Sweden. Flushing apparatus. 2,017,801; Oct. 15.
Horneman, Herman C. (See Hammer, B. W., Horneman and Parker.)
Horneman, Herman C., Danville, Ill., assignor to Research Laboratories of National Dairy Products Corporation, Inc., Baltimore, Md. Pasteurizing and deodorizing liquids. 2,022,419; Nov. 26.
Horner, Albert, Kapaa, Kauai, Territory of Hawaii. Sink and drainboard construction. 2,001,423; May 14.
Horner, Albert, assignor to Hawaiian Canneries Company, Ltd., Kapaa, Kauai, Territory of Hawaii. Cutting pineapple in preparation for canning. 2,023,810; Dec. 10.
Horner Brothers Woolen Mills. (See Horner, Edward E., assignor.)
Horner, Charles, Detroit, Mich. Advertising device. 1,990,785; Feb. 12.
Horner, Edward E., assignor to Horner Brothers Woolen Mills, Eaton Rapids, Mich. Tennis ball. 2,018,559; Oct. 22.
Horner, Francis H. (See Paulin, G. H., and Horner.)
Horner, George. (See Gorton, G., Henkes, and Horner.)
Horner, Robert A., and A. B. Brand, assignors to Barber-Colman Company, Rockford, Ill. Packing of rotary cutters. 1,992,950; Mar. 5.
Horn, Paul P., Newark, N. J. Door for fire alarm boxes and the like. 2,000,517; May 7.
Horniz, Arno, Pawtucket, R. I. Loom reed and method and apparatus for its manufacture. 2,008,504; July 16.
Horniz, August W., Chicago, Ill. Laminating glass. 2,013,213; Sept. 3.
Horning, Chas. E., et al. (See Edwards, Harry, assignor.)
Hornschurch, Hanns, and A. L. McHugh, Easton, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J. Pumping mechanism. 1,997,418; Apr. 9.
Hornstein, Philip, Lawton, Okla. Wrapper paper for cigars, cigarettes, and the like. 2,020,646; Nov. 12.
Hornung, Elias J., Rochester, N. Y. Clamp. 2,008,669; July 23.
Horowitz, Albert, Pittsburgh, Pa. Shingle. 1,997,381; Apr. 9.
Horowitz, Alexandre, Eindhoven, Netherlands, assignor to Radio Corporation of America. Drum switch. 1,996,244; Apr. 2.
Horowitz, Henry, et al. (See Horowitz, Nathan, assignor.)
Horowitz, Louis, Brooklyn, and J. Beolchi, New York, N. Y. Automatic transmission mechanism. 1,990,786; Feb. 12.
Horowitz, Nathan, Brooklyn, assignor of twenty per cent to J. Schrott, and twenty per cent to H. Horowitz, New York, N. Y. Diaper. 1,994,135; Mar. 12.
Horowitz, Robert. (See Danuff, I. R., Horowitz, and Sapperstein.)
Horrell, Martin, New York, N. Y., and W. S. Elliott, assignors to Pro-Phy-Lac-Tic Brush Company, Northampton, Mass. Carton. 1,998,542; Apr. 23.
Horridge, Walter, Bury, England. Construction of roadways. 2,025,815; Dec. 31.
Horrobin, William. (See Quinn, F. P., Horrobin, and Hawkins.)
Horrocks, Harry S., assignor to H. Brinton Company, Philadelphia, Pa. Knitting machine. 1,989,617; Jan. 29.
Horrocks, Walter E., Lakewood, Ohio. Thrust bearing. 1,994,996; Mar. 19.
Horsley, Caperton B., East Cleveland, assignor of one-half to E. R. Goldfield, Cleveland Heights, Ohio. Circuit control means. 1,988,008; Jan. 15.
Horsley, George F., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Production of aromatic amines. 2,013,052; Sept. 3.
Horsley, George F., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Hydrating olefines. 2,015,073; Sept. 24.
Horsley, George F., Norton Hall, The Green, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Recovery of ethylene. 2,015,223; Sept. 24.
Horsley, John, Glasgow, Scotland. Envelope, box, container, and such like. 2,015,013; Sept. 17.
Horsting, Bernard F., assignor to Simplex Shoe Tree Co., Chicago, Ill. Shoe tree. 2,015,224; Sept. 24.
Horstmann, Sidney A., Bath, England. Heat reflecting device. 1,989,862; Feb. 5.
Hort, Hermann, Berlin-Charlottenburg, assignor to Siemens Apparate und Maschinen G. m. b. H., Berlin, Germany. Stabilization of ships by means of liquid filled tanks. 2,024,822; Dec. 17.
Horton, Albert F., Cranston, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Tag printing and stapling machine. 2,004,202; June 11.
Horton, Albert J. (See Tomlin, J. R., and Horton.)
Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Irving Trust Company, permanent trustee. Lithographic printing machine. 2,000,518; May 7.
Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Irving Trust Company, permanent trustee. Web roll controlling mechanism. 2,002,011; May 21.
Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Irving Trust Company, permanent trustee. Printing machine roller and cylinder. 2,025,746; Dec. 31.
Horton, Albert J., White Plains, assignor to Irving Trust Company, permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Web roll support for printing machines. 2,026,173; Dec. 31.
Horton, Allen A., Plymouth, Mich., assignor to Burroughs Adding Machine Company, Detroit, Mich. Driving mechanism for calculating machines. 2,004,282; June 11.
Horton, Clyde G. (See Harrold, C. W., and Horton.)
Horton, Erwin C. (See Hueber, H., and Horton.)
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner blade. 2,006,322; June 25.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,006,323; June 25.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Horn. 2,011,364; Aug. 13.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield wiper arm mounting. 2,020,244; Nov. 5.
Horton, Erwin C., Hamburg, and H. Hueber, assignors to Trico Products Corporation, Buffalo, N. Y. Blade and arm for windshield cleaners. 1,998,759; Apr. 23.
Horton, Erwin C., Hamburg, and A. Rapp, assignors to Trico Products Corporation, Buffalo, N. Y. Piston packing. 2,012,817; Aug. 27.
Horton, George T., Chicago, Ill. Tank. 2,004,113; June 11.
Horton, George T., Chicago, Ill. Tank. 2,012,964; Sept. 3.
Horton, Joseph W., Cambridge, Mass., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Television system. 2,003,294; June 4.
Horton, Lyman, Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Oscillating flaker knife. 1,987,852; Jan. 15.
Horton Manufacturing Company. (See Peters, Arthur H., assignor.)
Horton, William J., and T. J. Francis, East Kildonan, Manitoba, Canada. Window screen. 1,986,200; Jan. 1.
Horton, William M. (See Costin, W. G., and Horton.)

- Horvath, Lad. G., assignor to Acme Steel Company, Chicago, Ill. Strap seal. 1,991,215; Feb. 12.
- Horwitt, Nathan G., New York, N. Y. Piano light. 2,007,164; July 9.
- Horwitt, Nathan G., and M. Katcher, assignors to Design Engineers, Incorporated, New York, N. Y. Clock. 2,001,195; May 14.
- Horwitt, Nathan G., assignor, by mesne assignments to Nathan G. Horwitt, New York, N. Y. Picture frame. 2,016,941; Oct. 8.
- Horwitt, Nathan G., and M. Katcher, assignors to Design Engineers, Incorporated, New York, N. Y. Picture frame. 2,016,942; Oct. 8.
- Horwitt, Paul H., Hartsdale, N. Y. Combination receptacle and dispensing cabinet. 1,994,394; Mar. 12.
- Horwitt, Paul H., Hartsdale, N. Y., assignor to Marathon Paper Mills Company, Rothschild, Wis. Dispensing apparatus. 1,993,685; Mar. 12.
- Horwitz, Harry, Springfield, Mass. Hanger. 1,988,276; Jan. 15.
- Hosbein, Louis H., Glencoe, assignor to M. H. Detrick Company, Chicago, Ill. Furnace construction. 1,990,185; Feb. 5.
- Hosbein, Louis H., Glencoe, assignor to M. H. Detrick Company, Chicago, Ill. Furnace construction. 2,012,429; Aug. 27.
- Hoschke, Frederick A., Hagerstown, Md. Musical instrument. 2,015,014; Sept. 17.
- Hosegood, Philip E., Schenectady, N. Y., assignor to General Electric Company, Timer. 2,000,758; May 7.
- Hoshino, Yukitsune, Nishikikoji-agaru, Yanaginobadori, Nakakyo-Ku, Kyoto, and Iwao Ogushi, Meguro-Ku, Tokyo, Japan. Audiphone for deaf mutes. 2,018,262; Oct. 22.
- Hosiery Developments Limited. (See Mills, Robert K., assignor.)
- Hosking, George T., assignor of one-fourth to T. G. Phillips, Somerville, Mass., and one-fourth to G. R. Lewis, Waterbury, Conn. Combination lock with electrical switch control. 2,003,650; June 4.
- Hoskins, Raymond H., Long Beach, Calif. Trimming device. 1,995,251; Mar. 19.
- Hoskins, Raymond H., Long Beach, Calif. Electric plug and connection holder. 2,024,734; Dec. 17.
- Hosmer, F. H. (See Nyborg, Marinus, J. C., assignor.)
- Hosmer, Frank F., Glendale, Calif. Can puncturing device. 2,015,271; Sept. 24.
- Hossom, Lynn O., et al. (See Vogel, Bruce D., assignor.)
- Hostetter, John C., and R. D. Smith, Corning, assignors to Corning Glass Works, Corning, N. Y. Inside frosting of neon signs. 2,018,786; Oct. 29.
- Hostetter, Oscar L., Adams County, Pa. Potato digging and sorting machine. 2,013,409; Sept. 3.
- Hot Stream Heater Company, The. (See Morrow, Clarence H., assignor.)
- Hotchkiss, Clifford, Elkhart, Ind., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Sign flasher. 2,000,700; May 7.
- Hotchkiss, E. H., Company, The. (See Polzer, Fridolin, assignor.)
- Hotchkiss, E. H., Company, The. (See Vogel, Max, assignor.)
- Hotchkiss, William R., St. Paul, Minn. Lithographing press. 1,988,970; Jan. 22.
- Hotchkiss, William R., St. Paul, Minn. Sheet folder and binder. 2,018,558; Oct. 22.
- Hotchner, Fred. (See Heisler, Stuart R., assignor.)
- Hothersall, John M. (See Sampson, D. F., and Hothersall.)
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,004,946; June 18.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Sheet metal container. 2,010,023; Aug. 6.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Apparatus for necking-in and flanging tubular bodies. 2,013,654; Sept. 10.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container pouring spout. 2,013,655; Sept. 10.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,014,380; Sept. 17.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,015,015; Sept. 17.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container opening key. 2,017,061; Oct. 15.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container opening key. 2,017,062; Oct. 15.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,017,063; Oct. 15.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container and method of manufacture. 2,017,460; Oct. 15.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Machine for threading can covers. 2,019,493; Nov. 5.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,025,747; Dec. 31.
- Hotstream Heater Company, The. (See Morrow, Clarence H., assignor.)
- Hott, Ion Von K., assignor to The Joyce-Cridland Company, Dayton, Ohio. Lifting apparatus. 1,993,060; Mar. 5.
- Hott, Ion von K., assignor to The Joyce-Cridland Company, Dayton, Ohio. Lifting mechanism. 1,993,447; Mar. 5.
- Hott, Ion Von K., assignor to The Joyce-Cridland Company, Dayton, Ohio. Automobile lift. 1,999,760; Apr. 30.
- Hotze, Charles, St. Louis, Mo. Golf bag. 1,988,870; Jan. 22.
- Hotze, John K., St. Louis, Mo. Golf bag. 2,006,920; July 2.
- Hotze, John K., St. Louis, Mo. Golf bag. 2,006,921; July 2.
- Houch, John W., and G. M. Dye, assignors to Pako Corporation, Minneapolis, Minn. Apparatus for handling articles through treating liquids. 2,004,410; June 11.
- Houchin, Lowell L., assignor to The Robinson Houchin Optical Company, Columbus, Ohio. Method and apparatus for producing lens grinding laps. 1,998,395; Apr. 16.
- Houchin, Lowell L., Columbus, Ohio. Lens grinding machine. 2,023,525; Dec. 10.
- Houchin, Lowell L., Columbus, Ohio. Lens polishing machine. 2,023,811; Dec. 10.
- Houchin, Robinson, Optical Company, The. (See Houchin, Lowell L., assignor.)
- Houchin, William M., and C. R. Hughes, Atlanta, Ga.; said Hughes assignor to said Houchin. Apparatus for drying and shaping hosiery. 1,998,872; Apr. 23.
- Houchins, Henry R. (See Benner, R. C., Ball, and Houchins.)
- Houdaille, Maurice. (See Lecler, Charles, assignor.)
- Houdaille, Maurice, Paris, France, assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,019,974; Nov. 5.
- Houde Engineering Corporation. (See Fieldman, Michael, assignor.)
- Houde Engineering Corporation. (See Fox, Merritt L., assignor.)
- Houde Engineering Corporation. (See Fox, M. L., assignor, and Ulkery.)
- Houde Engineering Corporation. (See Houdaille, Maurice, assignor.)
- Houde Engineering Corporation. (See Lautz, Carl F., assignor.)
- Houde Engineering Corporation. (See Mitchell, Courtney N., assignor.)
- Houde Engineering Corporation. (See Peo, Ralph F., assignor.)
- Houde Engineering Corporation. (See Peo, R. F., and Lautz, assignors.)
- Houde Engineering Corporation. (See Peo, R. F., and Sullivan, assignors.)
- Houde Engineering Corporation. (See Smith, Frederick A., assignor.)
- Houde Engineering Corporation. (See Whitted John B., assignor.)
- Houdry, Eugene, Paris, France, assignor to Houdry Process Corporation, Dover, Del. Temperature exchange between a catalytic mass in the course of regeneration and a cooling liquid. 1,992,307; Feb. 26.
- Houdry, Eugene J. (See Prickett, T. B., and Houdry.)
- Houdry, Eugene J., Paris, France, assignor to Houdry Process Corporation, New York, N. Y. Aerating means for contact masses. 1,987,903; Jan. 15.
- Houdry, Eugene J., Paris, France, assignor to Houdry Process Corporation, Dover, Del. Temperature control of contact masses. 1,987,904; Jan. 15.
- Houdry, Eugene J., Paris, France, assignor to Houdry Process Corporation, New York, N. Y. Apparatus for effecting chemical reactions by the use of contact masses. 1,989,692; Feb. 5.
- Houdry, Eugene J., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Control of temperature and fluid distribution in contact masses. 1,987,905; Jan. 15.
- Houdry, Eugene J., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Use of contact masses. 1,989,927; Feb. 5.
- Houdry Process Corporation. (See Harrison, James W., assignor.)
- Houdry Process Corporation. (See Harrison, J. W., and Lassiat, assignors.)
- Houdry Process Corporation. (See Houdry, Eugene, assignor.)
- Houdry Process Corporation. (See Houdry, Eugene J., assignor.)
- Houdry Process Corporation. (See Joseph, Alfred, assignor.)
- Houdry Process Corporation. (See Lassiat, Raymond C., assignor.)
- Houdry Process Corporation. (See Prickett, Thomas B., assignor.)
- Houdry Process Corporation. (See Prickett, T. B., and Houdry, assignors.)
- Hough, Clinton W., Boonville, assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Picture transmission and reception system. 1,996,963; Apr. 9.

- Hough, William R., Cleveland Heights, assignor to The Reliance Electric & Engineering Company, Cleveland, Ohio. Pump unit. 2,023,017; Dec. 3.
- Houghton, E. F., & Company. (See Bohne, William A., assignor.)
- Houghton, E. F., & Company. (See Hanusch, Hugo, assignor.)
- Houghton, Harry W., Glen Echo, Md., assignor to Safety Fumigant Company. Volatile fumigant package. 1,991,938; Feb. 19.
- Houghton, Michael. (See McDonald, Charles E., assignor.)
- Hougland, Albert C., assignor to Crane Company of Minnesota, St. Paul, Minn. Driving mechanism for churns. 2,016,499; Oct. 8.
- Houlder, Clive B. (See Cone, F. H., and Houlder.)
- Houlette, Henry I., assignor to The Pharis Tire and Rubber Company, Newark, Ohio. Apparatus for vulcanizing rubber. 2,014,332; Sept. 10.
- Houllis, Louis D., Seattle, Wash. Tray type baker's oven. 1,991,613; Feb. 19.
- Houllis, Louis D., Dallas, Tex. Baking articles of food. 1,999,503; Apr. 30.
- Hounsfield, Leslie H., London, England. Testing instrument for measuring the mechanical properties of steel and other materials. 1,988,009; Jan. 15.
- Hounsfield, Leslie H., Wimbledon, London, England. Planimeter. 1,988,357; Jan. 15.
- Hounsfield, Leslie H., Wimbledon, London, England. Instrument or gauge for measuring relative lengths or variations in lengths. 1,992,573; Feb. 26.
- Hounsfield, Leslie H., London, England. Material strength testing machine. 2,004,660; June 11.
- Houplain, Georges, Paris, France. Check valve for air brakes. 2,025,454; Dec. 24.
- House, Bryan E. (See Parker, H. F., and House.)
- House, Bryn E., assignor to Bendix Products Corporation, South Bend, Ind. Brake operating mechanism. 2,018,915; Oct. 29.
- House, Charles H., Arkansas City, Kans. Connection for handles and implements. 2,022,039; Nov. 26.
- House, Eli M., assignor to House Ladder Co., Inc., Tampa, Fla. Hinge. 2,011,221; Aug. 13.
- House, Frank R. (See Bassett, P. R., and House.)
- House, Frank R., Baldwin Harbor, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Noise reducing means for sound locator-searchlight systems. 1,996,514; Apr. 2.
- House, Frank R., Baldwin Harbor, N. Y., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic feed for high intensity arc lamps. 2,023,475; Dec. 10.
- House, Horace, Oroville, Calif. Insect catching lamp. 1,996,293; Apr. 2.
- House, Horace, Nubleber, Calif. Chart holder. 2,011,858; Aug. 20.
- House, Howard D. (See Walters, Herbert, assignor.)
- House Ladder Co. (See House, Eli M., assignor.)
- House, Lloyd A., assignor to Victor Adding Machine Company, Chicago, Ill. Holder for pens and pencils. 2,010,262; Aug. 6.
- House, Samuel G., assignor to National Display Fountain Company, Miami, Fla. Advertising display fountain. 1,993,841; Mar. 12.
- House, Samuel G., and A. B. Small, Miami, Fla. Combined refrigerating and advertising display device. 2,002,061; May 21.
- Housselman, Harold E., Edge Moor, assignor to Standard-Trump Bros. Machine Company, Wilmington, Del. Knitting machines. 2,009,694; July 30.
- Housselman, Harold E., Edge Moor, assignor to Standard-Trump Bros. Machine Company, Wilmington, Del. Knitting machine. 2,012,309; Aug. 27.
- Housselman, Harold E., assignor to Standard-Trump Bros. Machine Company, Laconia, N. H. Knitting machine. 2,012,310; Aug. 27.
- Housselman, Wilbur L., South Orange, N. J., assignor to Standard-Trump Bros. Machine Co., Laconia, N. H. Knitting machine. 2,006,893; July 2.
- Housselman, Wilbur L., Somerton, Pa., assignor to Standard-Trump Bros. Machine Company, Wilmington, Del. Knitting machine. 2,012,607; Aug. 27.
- Houston, George D., Rushville, Ill. Corn planter. 1,992,427; Feb. 26.
- Houston, George D., Rushville, Ill. Cultivator. 1,992,428; Feb. 26.
- Houston, Herbert W., North Hollywood, Calif. Internal combustion engine. 2,001,533; May 14.
- Houtman, Jacobus M., assignor, by mesne assignments, to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray apparatus. 2,005,035; June 18.
- Houts, Guy J., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Supporting device. 2,026,312; Dec. 31.
- Heuts, John R., McLean, Va. Animal trap. 1,997,932; Apr. 16.
- Hover, John M. (See Conklin, W. F., Hopkins, and Hover.)
- Hovey, Otis W., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Flooring structure. 2,017,832; Oct. 15.
- Hovey, Otis W., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Flooring structure. 2,017,833; Oct. 15.
- Hovland, Henry, Williston Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,006,354; July 2.
- Hovland, Henry, Williston Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,008,281; July 16.
- Hovland, Henry, Williston Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,014,232; Sept. 10.
- Hovland, Henry, Williston Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin detection system. 2,021,308; Nov. 19.
- Hovland, Henry, Williston Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,025,389; Dec. 24.
- How, Harlan W., Aspinwall, Pa. Indirect heating and circulating system for sulphite digesters. 2,001,022; May 14.
- Howald, Arthur M., Pittsburgh, Pa., assignor to Toledo Synthetic Products, Inc., Toledo, Ohio. Resin and making it. 2,016,198; Oct. 1.
- Howald, Arthur M., Pittsburgh, Pa., assignor to Toledo Synthetic Products, Inc., Toledo, Ohio. Drying reaction product of ureas and aldehydes. 2,016,199; Oct. 1.
- Howald, Arthur M., Pittsburgh, Pa., assignor to Toledo Synthetic Products, Inc., Toledo, Ohio. Resinous materials and producing them. 2,019,453; Oct. 29.
- Howard, Albert L., assignor to Hamilton-Wade Company, Brockton, Mass. Upholstery molding. 1,989,276; Jan. 29.
- Howard, Albert L., assignor to Hamilton-Wade Company, Brockton, Mass. Upholstery finishing strip. 2,000,466; May 7.
- Howard, Alfred C., East Moline, Ill., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Mercury tube scale indicator control. 2,014,282; Sept. 10.
- Howard & Bullough Limited, et al. (See Neilson, Alexander, assignor.)
- Howard, Cecil D. (See Gehres, H. A., and Howard.)
- Howard, Clifton P., Worcester, Mass., assignor to Rockwood Sprinkler Company of Massachusetts. Valve device for bleed opening. 1,997,365; Apr. 9.
- Howard, Clifton P., assignor to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass. Sprinkler alarm mechanism. 2,019,134; Oct. 29.
- Howard, Dudley E., Washington, D. C. Wind direction indicating airways beacon. 1,989,095; Jan. 29.
- Howard, Edward T., Cleveland, Ohio. Game. 2,017,501; Oct. 15.
- Howard, Eugene H., Washington, D. C. Dispensing device. 2,016,200; Oct. 1.
- Howard, Forrest K., East Falls Church, Va. Rear sight for guns. 1,997,584; Apr. 16.
- Howard, Frank A., D. A. Shepard, and H. W. Fisher, Elizabeth, N. J., assignors to Standard Oil Development Company. Oil filter. 2,010,430; Aug. 6.
- Howard, Frank C., assignor to American Automatic Devices Co., Chicago, Ill. Bumper guard. 2,022,349; Nov. 26.
- Howard, Frederic E., Brooklyn, assignor to A. G. Spalding & Bros., New York, N. Y. Caddy bag. 2,008,759; July 23.
- Howard, George E., Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Supporting means for furnace structures. 1,989,985; Feb. 5.
- Howard, George E., Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for forming hollow glassware. 1,992,951; Mar. 5.
- Howard, George E., Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Glass working apparatus and method. 1,995,276; Mar. 19.
- Howard, George E., Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for making glass. 1,999,761; Apr. 30.
- Howard, George E., Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Making glass. 1,999,762; Apr. 30.
- Howard, George O., San Antonio, Tex. Cutting tool. 2,007,395; July 9.
- Howard, George O., San Antonio, Tex. Edging tool. 2,007,396; July 9.
- Howard, Giles P. E., Luton, assignor to Messrs. George Kent Limited, London, England. Automatic control mechanism. 2,001,348; May 14.
- Howard, Harold F. (See Lewis, B., and Howard.)
- Howard, James H., assignor to J. H. McEvoy & Company, Houston, Tex. Bottom well choke. 1,996,922; Apr. 9.
- Howard, James H., Houston, Tex., assignor to J. H. McEvoy & Company. Studing box for polish rods. 2,002,012; May 21.
- Howard, James H., assignor to J. H. McEvoy & Company, Houston, Tex. Well production apparatus. 2,002,062; May 21.
- Howard, James H., assignor to J. H. McEvoy & Company, Houston, Texas. Valve protecting device. 2,010,992; Aug. 13.
- Howard, James R., Tulsa, Okla. Ventilator operator. 1,989,010; Jan. 22.
- Howard, Jesse R., Lima Center, assignor to Howard Safety Window, Incorporated, Milwaukee, Wis. Swinging window. 2,011,319; Aug. 13.
- Howard, John H., Huntington Park, assignor to Globe Oil Tools Company, Los Nietos, Calif. Well tool. 1,995,388; Mar. 26.

- Howard, John H., Huntington Park, assignor to Globe Oil Tools Company, Los Nietos, Calif. Core catcher. 2,000,389; May 7.
- Howard, John H., Huntington Park, and J. C. Wright, Los Angeles, assignors to Globe Oil Tools Company, Los Nietos, Calif. Core catching means. 1,987,853; Jan. 15.
- Howard, John H., Huntington Park, and A. C. Catland, Alhambra, assignors to Globe Oil Tools Company, Los Nietos, Calif. Disk bit. 1,995,389; Mar. 26.
- Howard, John H., Huntington Park, and A. C. Catland, Alhambra, assignors to Globe Oil Tools Co., Los Nietos, Calif. Bit head. 2,013,348; Sept. 3.
- Howard, John H., Huntington Park, and A. C. Catland, Alhambra, assignors to Globe Oil Tools Company, Los Nietos, Calif. Core catcher. 2,014,806; Sept. 17.
- Howard, Joseph A., Streatham Hill, London, England. Manufacture of upholstery padding. 2,003,935; June 4.
- Howard, Kirk, G., River Rouge, Mich. Bag feeding machine. 2,012,681; Aug. 27.
- Howard, Lionel H. (See Robertson, John H. and John, Gutteridge, and Howard.)
- Howard, Merton W., assignor to Pope Machinery Corporation, Haverhill, Mass. Skin trimming machine. 2,016,330; Oct. 8.
- Howard, Merton W., assignor to Pope Machinery Corporation, Haverhill, Mass. Wool heel turning machine. 2,023,020; Dec. 3.
- Howard, Norman W., Bath, Maine. Range blanket. 2,014,333; Sept. 10.
- Howard, Paul N., Seattle, Wash. Stepladder. 2,018,787; Oct. 29.
- Howard Radio Company. (See Riley, Joseph F., assignor.)
- Howard Safety Window, Incorporated. (See Howard, Jesse R., assignor.)
- Howard, Stanley R., East Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Package. 2,008,420; July 16.
- Howard, William. (See Trey, S., Howard, and Chessin.)
- Howard, William S., assignor to B. Nicoll & Co., Inc., New York, N. Y. Apparatus for handling material. 2,020,245; Nov. 5.
- Howard, William S., Detroit, Mich., assignor to B. Nicoll & Company, Inc., New York, N. Y. Apparatus for handling material. 2,020,246; Nov. 5.
- Howard, Willis G., assignor to The Sterolene Company, Indianapolis, Ind. Egg treating machine. 1,988,795; Jan. 22.
- Howard, Willis V., Leavenworth, Kans. Hay press feeder. 2,017,971; Oct. 22.
- Howarth, Ashton, assignors of one-half to E. P. Weber, Philadelphia, and one-half to H. S. Boyce, Wayne, Pa. Liquid fuel burner. 2,012,100; Aug. 20.
- Howarth, Harry A. S., Frankfort, Pa., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Bearing. 1,987,937; Jan. 15.
- Howarth, Harry A. S., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Bearing. 1,991,461; Feb. 19.
- Howarth, Harry A. S., Philadelphia, assignor to Kingsbury Machine Works, Inc., Frankfort, Philadelphia, Pa. Bearing. 2,023,764; Dec. 10.
- Howarth, William. (See Hale, F. C., and Howarth.)
- Howarth, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Shedding-mechanism of circular looms. 2,016,370; Oct. 8.
- Howarth, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Textile machinery. 2,022,373; Nov. 26.
- Howden, Thomas G., Hampton, Victoria, Australia. Apparatus for use in teaching physical geography and the like. 1,986,576; Jan. 1.
- Howe, Alonzo H. Don, Chicago, Ill. Method and apparatus for gas analyses. 2,005,036; June 18.
- Howe, Andrew F., University City, Mo. Centrifugal drying machine. 2,022,114; Nov. 26.
- Howe, Andrew F., University City, Mo. Variable speed pulley. 2,022,115; Nov. 26.
- Howe, Andrew F., University City, assignor to United Wood Heel Company, St. Louis, Mo. Machine for manufacturing wood heels for shoes. 2,026,040; Dec. 31.
- Howe, Andrew F., University City, assignor to United Wood Heel Company, St. Louis, Mo. Machine for operating on heel blanks. 2,026,041; Dec. 31.
- Howe, Andrew F., University City, assignor to United Wood Heel Company, St. Louis, Mo. Machine for manufacturing wood heels for shoes. 2,026,042; Dec. 31.
- Howe, Charles W., Milwaukee, Wis., and J. A. Nevin, Wichita, Kans., said Howe assignor to said Nevin. Apparatus and method for forming edible receptacles. 2,004,530; June 11.
- Howe, Edward T., et al. (See Juergens, John, assignor.)
- Howe Folding Furniture Inc. (See Howe, Harold, assignor.)
- Howe Folding Furniture, Inc. (See Wilkinson, John J., assignor.)
- Howe, Hallett D., North Adams, and S. T. Lyon, West Roxbury, Mass. Stencil printing and flocking machine. 2,017,459; Oct. 15.
- Howe, Harold, assignor to Howe Folding Furniture Inc., New York, N. Y. Automatic drop leaf table. 1,993,787; Mar. 12.
- Howe Manufacturing Company. (See Turner, Charles A., assignor.)
- Howe, Raymond F. (See Adams, M., Howe, and Nutting.)
- Howe, Raymond F., New York, N. Y. Illuminating device. 2,010,083; Aug. 6.
- Howe, Raymond F., New York, assignor of one-half to M. Adams, New York, N. Y. Lamp base. 2,010,084; Aug. 6.
- Howe, Wallace L., West Boylston, assignor to Norton Company, Worcester, Mass. Porous article of ceramic bonded granular material. 2,007,052; July 2.
- Howe, Wallace L., West Boylston, assignor to Norton Company, Worcester, Mass. Making porous articles of ceramic bonded granular material. 2,007,053; July 2.
- Howe, Wilfred H., Winchester, assignor to Atlantic Precision Instrument Company, Malden, Mass. Measuring mechanism. 2,018,673; Oct. 29.
- Howe, Wilfred H., Winchester, assignor to Atlantic Precision Instrument Company, Malden, Mass. Controlling rectifiers and circuits therefor. 2,020,314; Nov. 12.
- Howe, Wilfred H., Winchester, assignor to Atlantic Precision Instrument Company, Malden, Mass. Pattern controlled mechanism and tracer therefor. 2,025,748; Dec. 31.
- Howe, William H. (See Shuttleworth, H. L., Underwood, and Howe.)
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Reel and spindle mount therefor. 1,991,853; Feb. 19.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Film measuring and splicing machine. 1,994,913; Mar. 19.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Motion picture machine. 2,000,286; May 7.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Reel. 2,004,608; June 11.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Camera support. 2,012,628; Aug. 27.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Photographic camera. 2,017,249; Oct. 15.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Photographic printing machine. 2,019,260; Oct. 29.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Intermittent feed mechanism. 2,019,261; Oct. 29.
- Howell, Charles, assignor of one-tenth to M. E. Davis, Bedford, Ind. Water clarifier. 1,995,852; Mar. 26.
- Howell, Charles M., Springfield, and J. d'A. Clark, Swarthmore, assignors to Scott Paper Company, Chester, Pa. Creped paper. 2,001,023; May 14.
- Howell, Edward T., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of dibenzanthrone compounds. 1,993,667; Mar. 5.
- Howell, Edward T., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of dibenzanthrone compounds. 1,993,668; Mar. 5.
- Howell, Edward T., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of Bz1, Bz1'-dibenzanthronyl. 2,001,063; May 14.
- Howell, Edward T., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of vat dyestuffs of the dibenzanthrone series. 2,022,884; Dec. 3.
- Howell Electric Motors Company. (See McDermott, Leon A., assignors.)
- Howell Electric Motors Company. (See Yost, Norman S., assignor.)
- Howell, Harry H., Kansas City, Mo. Spray nozzle. 2,020,144; Nov. 5.
- Howell, James K., Los Angeles, Calif. Method and apparatus for forming wire loops. 2,006,355; July 2.
- Howell, James W., Chickasha, Okla. Spout for hose nozzles. 2,004,203; June 11.
- Howell, Joseph C., Fort Lee, N. J. Arch support. 2,012,311; Aug. 27.
- Howell, Reginald E., Colonia, N. J., assignor to Landon Brothers, New York, N. Y. Shelf supporting means. 1,996,515; Apr. 2.
- Howell & Shernburne. (See Alder, William F., assignor.)
- Howell, Walter S., Summit, N. J. Golf club. 1,997,382; Apr. 9.
- Howenstein, George H., Detroit, Mich. Window construction. 2,000,564; May 7.
- Howenstine, James A., assignor to Neon Products, Inc., Lima, Ohio. Electric sign. 2,017,597; Oct. 15.
- Hower, Irma M., St. Louis, Mo. Sanitary belt. 2,017,499; Oct. 15.
- Howeth, Harry H., Hurlock, Md. Controlling growth of vegetation and the like. 1,998,238; Apr. 16.
- Howie, Kenneth, assignor to Wildman Mfg. Co., Norristown, Pa. Full fashioned knitting machine with picot mechanism. 1,986,577; Jan. 1.
- Howie, Kenneth, assignor to Wildman Mfg. Co., Norristown, Pa. Stripe attachment for knitting machines. 1,986,578; Jan. 1.
- Howie, Kenneth, assignor to Wildman Mfg. Co., Norristown, Pa. Full fashioned knitting machine. 1,989,232; Jan. 29.
- Howie, Kenneth, and C. C. Kriebel, assignors to Wildman Mfg. Co., Norristown, Pa. Straight knitting machine. 2,006,694; July 2.

- Howie, Walter. (See MacLachlan, D., and Howie.)
- Howland, Harry E., and N. F. Smith, assignors to Ithaca Gun Company, Ithaca, N. Y. Single trigger mechanism for double barrelled firearms. 1,987,402; Jan. 8.
- Howland, Louis H., Nutley, N. J., assignor to United States Rubber Company, New York, N. Y. Treatment of rubber. 2,026,386; Dec. 31.
- Howland, Owen L., Maywood, Ill., assignor, by mesne assignments, to Una Welding, Inc., Cleveland, Ohio. Manufacture of welding rod or wire. 2,015,074; Sept. 24.
- Howland, Thomas J., Long Branch, N. J. Water animal. 2,013,410; Sept. 3.
- Howroyd, McArthur and Company Limited. (See Croad, Robin B., assignor.)
- Howsam, Hilyard C., assignor to Hubbard Spool Company, Chicago, Ill. Starter control. 1,991,939; Feb. 19.
- Howse, Curtis L. (See Snow, N. L., Bowers, and Howse.)
- Howson, Charles E. (See Johnson, A., and Howson.)
- Hoy, John E., assignor to The Dow Chemical Company, Midland, Mich. Rolling extruded magnesium alloy. 2,023,366; Dec. 3.
- Hoye, Peder B., Maywood, assignor to Electrical Engineers Equipment Co., Melrose Park, Ill. Switch. 2,000,080; May 7.
- Hoye, Peder B., Maywood, assignor to Electrical Engineers Equipment Co., Melrose Park, Ill. Connector. 2,010,544; Aug. 6.
- Höyer, Frederick L. M., Oslo, Norway. Spreading or removing materials. 2,019,975; Nov. 5.
- Hoyer, Hans. (See Stout, O. M., and Hoyer.)
- Höyer, Sigurd, Oslo, Norway. Massaging apparatus. 2,017,400; Oct. 15.
- Hoysradt, Louis, Kingston, N. Y. Pedal lock for pressing machines. 2,018,305; Oct. 22.
- Hoyt, Archer. (See Du Mond, J. W. M., and Hoyt.)
- Hoyt, Clara E., Wauwatosa, and O. R. Erwin, Milwaukee, Wis. Making a dusting and polishing mop. 1,993,215; Mar. 5.
- Hoyt, Cornelius F., Rochester, N. Y. Combination intake and heating manifold and regulating valve therefor. 2,019,050; Oct. 29.
- Hoyt, Cornelius F., Rochester, N. Y. Carburetor. 2,024,645; Dec. 17.
- Hoyt, Ernest W., Kallispell, Mont. Micrometer string tension device for violins and the like. 2,007,861; July 9.
- Hoyt, Frederick A., East Orange, N. J., assignor to Bell Telephone Laboratories, New York, N. Y. Coin chute. 2,023,592; Dec. 10.
- Hoyt, Frederick A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone pay station equipment. 2,025,390; Dec. 24.
- Hoyt, Leroy W., Stamford, Conn. Humidifier. 1,986,267; Jan. 1.
- Hoyt, Samuel L., Shorewood, and R. S. Archer, Whitefish Bay, assignors to A. O. Smith Corporation, Milwaukee, Wis. Heat-resistant alloy. 1,995,923; Mar. 26.
- Hoyt, William D., Lexington, Va. Motor fuel. 2,013,152; Sept. 3.
- Hoyt, Worthington. (See Stowell, Edward R., assignor.)
- Ihren, Barbara, executrix. (See Eisenlohr, C., and Ihren.)
- Ihren, Joseph. (See Eisenlohr, C., and Ihren.)
- Hromek, John, Milwaukee, Wis. Clamp and spreader for concrete forms. 2,026,472; Dec. 31.
- Bruza, Frank J., Cicero, Ill. Spring structure. 2,004,697; June 11.
- Hubacher, Max H., Nitro, W. Va., assignor, by mesne assignments to H. S. Kreighbaum, Akron, Ohio. Ether acid ester of polyhydric alcohols. 2,010,154; Aug. 6.
- Hubbard and Company. (See Peirce, Charles L., Jr., assignor.)
- Hubbard, Dean O. (See Claffin, H. C., and Hubbard.)
- Hubbard, Edward L., Piedmont, assignor to Water Works Supply Company, San Francisco, Calif. Liquid gauge and system. 2,012,511; Aug. 27.
- Hubbard, Francis A., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Telephone repeater. 1,997,218; Apr. 9.
- Hubbard, Henry E., La Grange, Ill., assignor to Addressograph Company, Wilmington, Del. Printing machine. 2,009,618; July 30.
- Hubbard, Karl H., assignor to Taylor Instrument Companies, Rochester, N. Y. Self-acting regulator. 1,995,390; Mar. 26.
- Hubbard, Karl H., assignor to Taylor Instrument Companies, Rochester, N. Y. Motor control system. 2,025,749; Dec. 31.
- Hubbard, Karl H., and J. A. Wildmer, assignors to Taylor Instrument Companies, Rochester, N. Y. Control mechanism. 1,995,427; Mar. 26.
- Hubbard, Moses G., Utica, N. Y. Electric percolator. 1,990,546; Feb. 12.
- Hubbard Spool Company. (See Howsam, Hilyard C., assignor.)
- Hubbell, Daniel D., Columbus, Ohio. Multifocal ophthalmic lens. 2,006,640; July 2.
- Hubbell, Harvey, Incorporated. (See Von Holtz, Charles T., assignor.)
- Hubbell, Harvey, Jr., Bridgeport, Conn. Self-sealing receptacle. 1,989,693; Feb. 5.
- Hubbell, Harvey, Jr., Bridgeport, Conn. Screwless switch and receptacle in outlet boxes. 1,999,194; Apr. 30.
- Hubbell, Harvey, Jr., Bridgeport, Conn. Magnet controlled switch. 2,004,114; June 11.
- Hubbell, Harvey, Jr., Bridgeport, Conn. Flexible support for canopy switches. 2,025,055; Dec. 24.
- Hubbell, Harvey C., assignor to A. F. Hersleb, Cincinnati, Ohio. Laundry machinery. 1,991,803; Feb. 19.
- Hubbell, Henry S., Dedham, Mass. Variable pitch propeller for aircraft. 2,023,684; Dec. 10.
- Hubbell, Jesse P., Fanwood, N. J. Liquid dispensing apparatus. 2,013,464; Sept. 3.
- Hubbs, Fred E., Philadelphia, Pa. Condenser for refrigerating systems. 2,012,910; Aug. 27.
- Hubbuch, Leo P., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ester derived from hydrogenated castor oil. 2,015,145; Sept. 24.
- Huber, Albert F. (See Strong, J. B., and Huber.)
- Huber, Hans. (See Heyna, H., and Huber.)
- Huber, Herman J. H., Brookline, Pa., assignor to General Electric Company. Insulating liquid seal. 1,992,031; Feb. 19.
- Huber, Herman J. H., Brookline, Pa., assignor to General Electric Company. Elevating and transfer truck unit. 1,996,618; Apr. 2.
- Huber, J. M., Corporation. (See Eagles, Reginald H., assignor.)
- Huber, Joseph E. (See Green, J. B., and Huber.)
- Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Braid elastic fabric and making the same. 2,022,350; Nov. 26.
- Huber, Ralph L., Seattle, Wash. System in stereoscopic photography. 1,993,448; Mar. 5.
- Huber, William E., Lakewood, assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Rail bond. 2,022,544; Nov. 26.
- Hubert, Clark W., Childress, Tex. Cathode control mechanism. 2,014,683; Sept. 17.
- Hubert, Edward H. (See Hasbrouck, H. S., and Hubert.)
- Hubert, Emil, Dessau in Anhalt, W. Irion, Bobingen, and H. Mahn, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of fibroin solutions. 2,019,225; Oct. 29.
- Hubert, Theodore P., Elizabeth, assignor to Gyro Brush Co., Bloomfield, N. J. Household appliance. 2,019,705; Nov. 5.
- Hubley Manufacturing Company, The. (See Brubaker, Jacob E., assignor.)
- Hübschmann, Max. (See Bauersfeld, W., and Hübschmann.)
- Hucal, Wasyli, Chicago, Ill. Milling machine. 2,003,936; June 4.
- Huck, Wallace M., and E. J. Lindberg, assignors to Chicago Tubing and Braiding Company, Chicago, Ill. Tubing. 1,993,965; Mar. 12.
- Huck, William F., Richmond Hill, assignor to Irving Trust Company, permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Stereotype matrix molding and drying press. 1,999,154; Apr. 23.
- Huck, William F., Richmond Hill, assignor to Irving Trust Company, permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Mold for casting stereotype printing plates. 2,016,283; Oct. 8.
- Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, Permanent trustee. Stereotype metal pump. 2,019,905; Nov. 5.
- Huckestein, Norman C., Pittsburgh, Pa. Shutter type partition for refrigerators. 2,006,046; June 25.
- Huckins, Frank P., Jacksonville, Fla., assignor to Huckins Yacht Corporation. Making keels for boats and ships. 1,992,700; Feb. 26.
- Huckins Yacht Corporation. (See Huckins, Frank P., assignor.)
- Hudd, Alfred E., London, England. Automatic train control system. 2,010,720; Aug. 6.
- Hudd, Alfred E., Evanston, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Driving mechanism. 2,008,912; July 23.
- Huddle, Edwin F., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Mower. 2,014,569; Sept. 17.
- Huddle, Edwin F., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Binder driving mechanism. 2,025,816; Dec. 31.
- Huddleston, Donald D., San Antonio, Tex. Automobile signal. 2,010,488; Aug. 6.
- Hudeley, Victor. (See Grosset, G., Hudeley and Lagrave.)
- Hudeley, Victor. (See Rodde, A., Hérault, Hudeley and Lagrave.)
- Hudelson, Arthur M., Hickman, Calif. Control valve for fuel feeding devices. 1,989,986; Feb. 5.
- Hudnut, Richard. (See Kallenbach, Edward E., assignor.)
- Hudson, Edwin B., Middletown, Ohio. Self-adjusting valve-operating transmission device. 2,002,982; May 28.
- Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Device for the automatic feeding of tandem mills. 2,006,764; July 2.
- Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Automatic screw down for sheet and tin mills. 2,006,765; July 2.
- Hudson Electrical Heating Corporation. (See Colbie, Gus L., assignor.)
- Hudson Electrical Heating Corporation. (See Holinger, Emil F., assignor.)
- Hudson, Emma E., et al. (See Franklin, Oliver H., assignor.)

- Hudson, H. D., Manufacturing Company. (See Altenberger, Ira O., assignor.)
- Hudson, H. D., Manufacturing Company. (See DeFrees, Nicholas W., assignor.)
- Hudson, H. D., Manufacturing Company. (See Klein, Benno L., assignor.)
- Hudson, James H. (See Sheppard, S. E., and Hudson.)
- Hudson Motor Car Company. (See Oberem, William C., assignor.)
- Hudson, Patrick, New York, N. Y. Self-holding auto license frame. 1,995,984; Mar. 26.
- Hudson, Samuel M., Baltimore, Md. Pipe coating machine. 2,016,201; Oct. 1.
- Hudson, T. A., et al. (See Franklin, Oliver H., assignor.)
- Hudson, Willis F., Riverside, Ill., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,000,955; May 14.
- Huebener, Mary A., J. U. Lehn, H. R. Graybill and J. D. Zahm, Lititz, and M. B. Koch, Brunnerville, assignors to Animal Trap Company of America, Lititz, Pa. Animal trap. 2,007,650; July 9.
- Hueber, Henry. (See Horton, E. C., and Hueber.)
- Hueber, Henry. (See Oishei, J. R., and Hueber.)
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 1,996,018; Mar. 26.
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield heater. 1,996,019; Mar. 26.
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Combined windshield and cleaner therefor. 1,998,760; Apr. 23.
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield wiper carrying arm. 1,998,762; Apr. 23.
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle cooling system. 2,002,319; May 21.
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Diaphragm valve for tank assemblies. 2,006,319; June 25.
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle construction. 2,006,320; June 25.
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Auxiliary power supply for windshield cleaners. 2,021,857; Nov. 19.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Horn system. 1,988,796; Jan. 22.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Fuel feeding system. 1,988,797; Jan. 22.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Accessory system for motor vehicles. 1,998,761; Apr. 23.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Motor. 2,000,890; May 7.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Vacuum stabilizer. 2,002,318; May 21.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner mounting. 2,010,693; Aug. 6.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Remote control for air horns. 2,012,818; Aug. 27.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Suction pump. 2,012,819; Aug. 27.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, N. Y., assignors to Trico Products Corporation, Buffalo, N. Y. Suction generating system. 2,022,642; Nov. 26.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Booster pump for windshield cleaner systems. 2,022,643; Nov. 26.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,022,885; Dec. 3.
- Huebner, Ernest H., and S. M. Barr, assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph transmitting apparatus. 1,994,949; Mar. 19.
- Huebner, Richard, Brooklyn, N. Y. Swimming apparatus. 2,009,551; July 30.
- Huebner, William C., New York, N. Y. Photographic vacuum squeegee and negative holder. 2,000,390; May 7.
- Huebner, William C., New York, N. Y. Apparatus for and process of coating plates. 2,021,485; Nov. 19.
- Huebner, William C., New York, N. Y. Composer printing machine. 2,021,959; Nov. 26.
- Huebscher, John J., Minneapolis, Minn. Traffic control system. 2,019,976; Nov. 5.
- Huefner, Philip J., Belleville, Ill. Collapsible boat. 1,987,107; Jan. 8.
- Hueglin, Herman C., assignor to Federal Merchandise Company, Chicago, Ill. Ventilating fan. 2,008,957; July 23.
- Huelsdonk, William A., Oakland, assignor to C. F. Dickenson, Fresno, Calif. Disintegrator. 1,987,192; Jan. 8.
- Huenergardt, William H., assignor to Rock-Ola-Manufacturing Co., Chicago, Ill. Game apparatus. 2,024,863; Dec. 17.
- Huenlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 1,989,198; Jan. 29.
- Hueseman, William M., Dillsboro, Ind. Button loop. 2,026,174; Dec. 31.
- Huet, André, Paris, France, assignor to Superheater Company, New York, N. Y. Water tube boiler. 2,010,859; Aug. 13.
- Hueter, Richard. (See Schrauth, W., and Hueter.)
- Hueter, Richard, V. Waldfrieden, Rossau-Anhalt, Germany, assignor, by mesne assignments, to Unichem Chemikalien Handels A.-G., Zurich, Switzerland. Manufacturing hydrophilous fatty substances. 2,006,766; July 2.
- Huetner, Alfred F., New York, N. Y. Safety microtome knife holder. 1,998,428; Apr. 16.
- Huey, Harold L., Saylesville, and W. W. Russell, East Providence, assignors to Sayles Finishing Plants, Inc., Saylesville, R. I. Viscose coating and filling. 2,016,719; Oct. 8.
- Huey, James G., Fairfield, Ala. Face protector. 1,994,103; Mar. 12.
- Huff, Elbridge G., Malden, assignor to Cutter Manufacturing Company, Everett, Mass. Screen frame. 1,994,022; Mar. 12.
- Huff, Elbridge G., Malden, assignor to Cutter Manufacturing Company, Cambridge, Mass. Screen corner construction. 2,001,681; May 14.
- Huff, Ernest, Milwaukee, and A. Keiding, Whitefish Bay, assignors to American Lace Paper Company, Milwaukee, Wis. Molding pulp containers. 2,023,200; Dec. 3.
- Huff, James F., New York, N. Y. Rifleman's seat and instrument box. 1,997,640; Apr. 16.
- Huff, Lyman C., Winnetka, Ill. Effecting combustion of fluid fuel. 1,986,201; Jan. 1.
- Huff, Lyman C., Winnetka, Ill. Apparatus for efficiently burning fluid fuels. 2,011,283; Aug. 13.
- Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon distillates. 1,993,446; Mar. 5.
- Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,016,371; Oct. 8.
- Huffaker, Neal M. (See Pitzer, M. B., and Huffaker.)
- Hufferd, George H., assignor to Thompson Products, Incorporated, Detroit, Mich. Universal joint. 2,003,539; June 4.
- Hufferd, George H., and M. P. Graham, Detroit, Mich., assignors to Thompson Products, Incorporated, Cleveland, Ohio. Joint. 2,009,401; July 30.
- Huffine, Kenneth W., Alexandria, Ind., assignor to Johnsmville Corporation, New York, N. Y. Thermal insulating material and making the same. 2,009,619; July 30.
- Huffman, Charles E., Montclair, N. J. Electrooptical system. 2,017,901; Oct. 22.
- Huffman, Conrad W., Lynwood, Calif. Compound gear connecting rod. 2,008,958; July 23.
- Huffman, Edward E. (See Barthélemy, H. L., Huffman, and Sellars.)
- Huffman, Edwin E., St. Louis, Mo. Braking apparatus. 1,997,062; Apr. 9.
- Huffman, John R., Elizabeth, and J. M. Whiteley, Jr., Roselle, N. J., assignors to Standard Oil Development Company. Mercaptan purification. 1,995,612; Mar. 26.
- Huffman Manufacturing Company, The. (See Vahle, Edgar W., assignor.)
- Huffman Manufacturing Company, The. (See Weltner, Corliss L., assignor.)
- Huffman Manufacturing Company, The. (See Winger, J. A., and Vahle, assignors.)
- Huffman, Mervin C., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drilling motor. 2,001,728; May 21.
- Huffman, Mervin C., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling apparatus. 2,001,729; May 21.
- Huffman, Mervin C., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,015,678; Oct. 1.
- Huffman, Mervin C., Claremont, N. H., assignor to Sullivan Machinery Company. Drill steel guide. 2,026,313; Dec. 31.
- Huffman, Oscar C., assignor to Continental Can Company, Inc., New York, N. Y. Preparing a dispensing container. 2,016,964; Oct. 8.
- Huffstickler, William A. (See Lytton, C. L., Huffstickler and Adams.)
- Hug Brothers, Firm of. (See Hug, Fritz A., assignor.)
- Hug, Ernst, Neu-Allschwil, near Basel, and M. Müller, Basel, Switzerland, assignors to firm of "Durand & Huguenin S. A.", Basel, Switzerland. Mordant trisazo-dyestuffs and their production. 2,024,797; Dec. 17.
- Hug, Fritz A., Berkeley, Calif., assignor to the Firm of Hug Brothers, St. Gallen, Switzerland. Aircraft and artillery observation instrument. 2,015,627; Sept. 24.
- Hug, William, Clifton, N. J. Flat knitting machine. 2,022,468; Nov. 26.
- Hugetz, Edward, New York, N. Y. Fountain pen. 1,988,623; Jan. 22.
- Huggett, Leonard J., London, England. Display sign. 2,001,424; May 14.
- Huggett, Martin C., Chicago, Ill., assignor, by mesne assignments, to Research Inc. Thermal insulation. 2,001,912; May 21.

- Huggett, Martin C., Evanston, assignor to Research, Inc., Chicago, Ill. Making thermal insulation. 2,023,422; Dec. 10.
- Huggins, Bon, Greenville, S. C. Shuttle check for looms. 2,016,965; Oct. 8.
- Huggins, John R. (See Kysor, Walter A., assignor.)
- Huggins, Owen R., and F. D. Snell, assignors to Decorative Development, Inc., Brooklyn, N. Y. Printing and decorating by transfer on colored base materials. 2,021,418; Nov. 19.
- Huggins, Samuel O. (See Lappas, George, assignor.)
- Hugh, Percy G. (See North, O. D., and Hugh.)
- Hughen, Joseph M., assignor to The Petroleum Iron Works Company of Texas, Beaumont, Tex. Securing removable barrel heads. 2,012,242; Aug. 20.
- Hughes, Albert T., Brussels, Belgium. Static pressure indicating device. 2,022,203; Nov. 26.
- Hughes, Albertine M. (See Hughes, Charles R., assignor.)
- Hughes, Archibald. (See Toohy, E. A., and Hughes.)
- Hughes, Ausker E., Orlando, Fla., dedicated to the free use of the public. Fruit testing device. 2,003,749; June 4.
- Hughes, Charles H., Glen Ridge, N. J., assignor to Somet-Solvay Engineering Corporation, New York, N. Y. Water gas carburetor. 2,007,200; July 9.
- Hughes, Charles R., assignor to Albertine M. Hughes, Altoona, Pa. Coextensive room system with mechanical conveyors. 1,999,931; Apr. 30.
- Hughes, Charles R., assignor to Albertine M. Hughes, Altoona, Pa. Conveyor system. 1,999,932; Apr. 30.
- Hughes, Chester R. (See Touchin, W. M., and Hughes.)
- Hughes, Everett C. (See Burk, R. E., and Hughes.)
- Hughes, Forest F., assignor of one-half to J. F. Rosgen, Waterloo, Iowa. Game apparatus. 2,013,958; Sept. 10.
- Hughes, Francis P., Philadelphia, Pa. Bill fold. 2,024,363; Dec. 17.
- Hughes, Frederick G., Bristol, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Separator for antifriction bearings. 1,996,809; Apr. 9.
- Hughes, George E., Edgewater, Colo. Motor vehicle jack. 1,999,099; Apr. 23.
- Hughes, Grace A., San Francisco, Calif. Hair shield. 1,997,063; Apr. 9.
- Hughes, Grover A., assignor to Truscon Steel Company, Youngstown, Ohio. Structural beam. 2,004,894; June 11.
- Hughes, Guy N. (See Delany, A. G., and Hughes.)
- Hughes, Guy N., Gadsden, Ala., assignor, by mesne assignments, to The American Rolling Mill Company, Middletown, Ohio. Automatic screw-down control for rolling mills. 2,014,475; Sept. 17.
- Hughes, Henry, Toronto, assignor to The James Morrison Brass Manufacturing Company Limited, Toronto, Ontario, Canada. Faucet. 2,008,642; July 16.
- Hughes, Hugh T., assignor of fifty-one per cent to H. G. Goulder, Cleveland, Ohio. Rubber heel. 1,998,624; Apr. 23.
- Hughes Industries Co. (See Burns, Bruce, assignor.)
- Hughes Industries Co. (See Burns, B., and Lewis, assignors.)
- Hughes Industries Co. Ltd. (See Burns, Bruce, assignor.)
- Hughes Industries Co. Ltd. (See Crespinel, William T., assignor.)
- Hughes Industries Co. Ltd. (See Fishback, R. W., and Burns, assignors.)
- Hughes, James R., South Bend, Ind., assignor to The Studebaker Corporation, Detroit, Mich. Vehicle body. 1,987,297; Jan. 8.
- Hughes, James R., South Bend, Ind., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Combined bumper and weather strip for automobile doors. 1,991,674; Feb. 19.
- Hughes, James R., South Bend, Ind., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Hinge. 2,013,915; Sept. 10.
- Hughes, James R., assignor to The Studebaker Corporation, South Bend, Ind. Vehicle construction. 2,024,289; Dec. 17.
- Hughes, James R., and C. H. Wondries, assignors to The Studebaker Corporation, South Bend, Ind. Funeral coach. 1,996,420; Apr. 2.
- Hughes, John, Liverpool, and T. O. Ward, Roby, England. Apparatus for automatically delivering and weighing predetermined quantities of material. 1,986,268; Jan. 1.
- Hughes, John R., Lynchburg, Va. Interlocking sheet piling. 2,020,315; Nov. 12.
- Hughes, John G., Columbia, Pa. Hinge construction. 2,020,553; Nov. 12.
- Hughes-Mitchell Processes, Incorporated. (See Mitchell, Thomas A., assignor.)
- Hughes-Mitchell Processes Incorporated. (See Mitchell, T. A., and Sessions, assignors.)
- Hughes, Ralph C., assignor to Reynolds Gas Regulator Co., Anderson, Ind. Fluid pressure regulator. 2,001,534; May 14.
- Hughes, Ralph C., assignor to Reynolds Gas Regulator Co., Anderson, Ind. Noiseless fluid pressure regulator. 2,011,764; Aug. 20.
- Hughes, Ralph C., assignor to Reynolds Gas Regulator Co., Anderson, Ind. Pressure regulator control device. 2,014,968; Sept. 17.
- Hughes, Ralph C., assignor to Reynolds Gas Regulator Co., Anderson, Ind. Pilot regulator attachment. 2,016,234; Oct. 1.
- Hughes, Samuel, North Charleston, S. C., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Wick for oil burners. 2,013,442; Sept. 3.
- Hughes Tool Company. (See Baggett, H. T., and Bolton, assignors.)
- Hughes Tool Company. (See Bettis, Irvin H., assignor.)
- Hughes Tool Company. (See Brogniez, F., and Fletcher, assignors.)
- Hughes Tool Company. (See Burns, Bruce, assignor.)
- Hughes Tool Company. (See Evans, Seth, assignor.)
- Hughes Tool Company. (See Evans, S., and Woods, assignors.)
- Hughes Tool Company. (See Fletcher, Harold W., assignor.)
- Hughes Tool Company. (See Neuhaus, Ralph, assignor.)
- Hughes Tool Company. (See Ricker, Norman H., assignor.)
- Hughes Tool Company. (See Scott, Floyd L., assignor.)
- Hughes Tool Company. (See Sherman, Ralph F., assignor.)
- Hughes Tool Company. (See Smith, Frederick C., Jr., assignor.)
- Hughes Tool Company. (See Woods, Gorham W., assignor.)
- Hughes Tool Company. (See Woods, Henry B., assignor.)
- Hughes, Walter J., Chicago, Ill., assignor, by mesne assignments, to The Permutit Company, Wilmington, Del. Water softening apparatus. 2,012,194; Aug. 20.
- Hughes, Walter J., assignor to General Zeolite Co., Chicago, Ill. Method and apparatus for blowing down boilers. 2,023,593; Dec. 10.
- Hughes, William L., and W. E. Kaiser, Little Rock, Ark. Foot operated train brake. 2,020,059; Nov. 5.
- Hughey, Carter J., assignor to Eastman Kodak Company, Rochester, N. Y. Document receptacle for a photographic reproducing machine. 2,005,370; June 18.
- Huguenin, Albert, Zurich, Switzerland. Lubricator. 2,019,226; Oct. 29.
- Huguley, William C., Oak Tree, N. J. Match making machine. 1,994,997; Mar. 19.
- Hukari, Ormand, Hood River, Oreg. Spray nozzle. 2,013,959; Sept. 10.
- Hulbert, Edwin F., Glenview, assignor to Anacirn Company, Chicago, Ill. Automatic container filling device. 2,005,545; June 18.
- Hulbert, Roy C., Irvington, N. J. Rumble seat enclosure. 1,999,459; Apr. 30.
- Hulbert, William G., and J. A. Thierry, Easton, Pa., assignors to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Producing seamless spherical pressure vessels. 2,006,894; July 2.
- Hulett, Schuyler C., Spokane, Wash. Boiler feed automatic control. 2,011,637; Aug. 20.
- Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Nonresonant supporting device. 2,012,129; Aug. 20.
- Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Vapor electric discharge device. 2,022,509; Nov. 26.
- Hull, Arthur F., and W. P. Johnson, assignors to The Boyle Manufacturing Company, Inc., Los Angeles, Calif. Apparatus for welding drums. 2,010,155; Aug. 6.
- Hull, David C., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of tripropionin. 2,005,371; June 18.
- Hull, Foster J., Hagerstown, Md., assignor to Henry H. Snelling, Washington, D. C. Lubricating device. 1,989,451; Jan. 29.
- Hull, George K., Fredonia, N. Y. Apparatus for cutting or beveling edges of metal plates. 2,003,049; May 28.
- Hull, Harry B., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,008,715; July 23.
- Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,017,152; Oct. 15.
- Hull, Harry B., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,024,290; Dec. 17.
- Hull, Harry B., and C. E. Kampman, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 1,997,793; Apr. 16.
- Hull, Harry E., Washington, D. C. Automobile control device. 2,005,745; June 25.
- Hull, Maurice B., West Allis, Wis. Vehicle jack appliance. 2,008,394; July 16.
- Hull, Walter E., Warren, Ohio. Compensating device for compasses. 1,991,998; Mar. 19.
- Hull, Warren, Hougham, Wash. Domestic central power plant. 1,999,876; Apr. 30.
- Hull, William, Blackburn, England. Binding or cover for periodicals and the like. 2,017,461; Oct. 15.
- Hulse, George E., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Control apparatus for refrigeration machines. 2,004,503; June 11.
- Hulse, George E., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Electric regulation. 2,007,760; July 9.
- Hulse, George E., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Refrigeration. 2,010,431; Aug. 6.

- Hulse, George E., and J. D. Strobell, New Haven, Conn., assignors to The Safety Car Heating & Lighting Company. Temperature control. 1,988,495; Jan. 22.
- Hulse, George E., and J. D. Strobell, New Haven, Conn., assignors to The Safety Car Heating & Lighting Company. Temperature control. 1,988,496; Jan. 22.
- Hulse, Herbert H., Chicago, J. I. Bellamy, Brookfield, R. G. Richardson and L. J. Lesh, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Radio apparatus. 2,007,165; July 9.
- Hulsebos, Wichert, Laren, Netherlands. Wabblers engine. 2,009,495; July 30.
- Hulslander, Ray D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tube splicing machine. 2,012,565; Aug. 27.
- Hulson, John W., Keokuk, Ia. Grate structure. 2,009,450; July 30.
- Hülster, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,023,272; Dec. 3.
- Hult, Carl A., Stockholm, Sweden. Velocipede. 1,985,895; Jan. 1.
- Hult, Warner G. (See Koenig, W. E., Mills, and Hult.)
- Hult, Warner G., Cleveland, and E. N. Winslow, Shaker Heights, assignors to The Mills Company, Cleveland, Ohio. Partition construction. 2,019,977; Nov. 5.
- Hultman, Edgar W., Los Angeles, Calif., assignor to Hultman and Powell Corporation, Dover, Del. Chemical treatment of hydrocarbon oils. 1,992,308; Feb. 26.
- Hultman, Edgar W., Los Angeles, Calif., assignor to Hultman and Powell Corporation, Dover, Del. Oxidation of hydrocarbons. 1,992,309; Feb. 26.
- Hultman, Edgar W., Los Angeles, Calif., assignor to Hultman & Powell Corporation, Dover, Del. Treating hydrocarbons. 1,992,310; Feb. 26.
- Hultman and Powell Corporation. (See Hultman, Edgar W., assignor.)
- Hultquist, Bernard A., and E. R. Bradford, assignors to Eastman Kodak Company, Rochester, N. Y. Roll film camera. 1,997,333; Apr. 9.
- Hultquist, Charles A., Los Angeles, Calif., assignor to Independent Pneumatic Tool Company, Chicago, Ill. Rock drill chuck. 2,002,203; May 21.
- Humason, Granville A., Houston, Tex. Tubing head and blow-out preventer. 1,997,731; Apr. 16.
- Humason, Granville A., Houston, Tex. Air lift apparatus. 2,015,938; Oct. 1.
- Humason, Granville A., Houston, Tex. Fluid lift pump. 2,016,433; Oct. 8.
- Humberstone, Joseph H., Schenectady, N. Y., assignor to General Electric Company. Welding electrode. 2,010,721; Aug. 6.
- Humberstone, Joseph H., Schenectady, N. Y., assignor to General Electric Company. Welding electrode. 2,010,722; Aug. 6.
- Humberstone, Joseph H., Schenectady, N. Y., assignor to General Electric Company. Welding electrode. 2,016,899; Oct. 8.
- Humberstone, Joseph H., Schenectady, N. Y., assignor to General Electric Company. Wire coating machine. 2,016,900; Oct. 8.
- Humberstone, Joseph H., Schenectady, assignor to General Electric Company. Arc welding electrode. 2,024,164; Dec. 17.
- Humboldt-Deutzmotoren, A. G. (See Kremser, Hans, assignor.)
- Humboldt-Deutzmotoren A. G. (See Lepek, Rudolf, assignor.)
- Humboldt-Deutzmotoren, A. G. (See Triebnigg, Heinrich, assignor.)
- Hume, Edward S., Perth, Western Australia, assignor to Hume Pipe Company (Australia) Limited, Melbourne, Victoria, Australia. Centrifugal molding of concrete bodies. 2,023,381; Dec. 3.
- Hume, Horace D., and J. E. Love, Garfield, Wash. Harvester. 1,996,294; Apr. 2.
- Hume, Horace D., and J. E. Love, assignors to Hume-Love Company, Garfield, Wash. Harvester reel. 2,024,735; Dec. 17.
- Hume, James W., Jackson, Mich. Wheel balancer. 1,997,825; Apr. 16.
- Hume, John T., assignor to Electric Household Utilities Corporation, Chicago, Ill. Clothes drying apparatus. 2,017,802; Oct. 15.
- Hume, John T., Chicago, assignor to Electric Household Utilities Corporation, Cicero, Ill. Washing machine. 2,021,785; Nov. 19.
- Hume, John T., Chicago, and H. L. Hart, River Forest, assignors to Electric Household Utilities Corporation, Cicero, Ill. Ironing machine. 2,004,165; Jan. 11.
- Hume-Love Company. (See Hume, H. D., and Love, assignors.)
- Hume Pipe Company (Australia) Limited. (See Hume, Edward S., assignor.)
- Hume Steel Limited. (See Hume, Walter R., assignor.)
- Hume, Walter R., assignor to Hume Steel Limited, Mel-Hume, William F. J. (See Penn, Ronald, assignor.)
- Humeston, Frederick L., assignor to Winchester Repeating Arms Company, New Haven, Conn. Front sight for firearms. 1,989,863; Feb. 5.
- Humeston, Frederick L., assignor to Winchester Repeating Arms Company, New Haven, Conn. Combination headlight and hand lamp. 1,996,577; Apr. 2.
- Humeston, Frederick L., assignor to Winchester Repeating Arms Company, New Haven, Conn. Sight for firearms. 2,014,735; Sept. 17.
- Humidity Control Company. (See Goss, Worth C., assignor.)
- Hummel, Arthur P., Bakersfield, Calif. Drill bit. 2,017,834; Oct. 15.
- Hummel, August C., Cincinnati, Ohio. Portable device for dispensing gummed tape. 2,000,287; May 7.
- Hummel & Downing Co. (See Ethridge, Albert S., assignor.)
- Hummel & Downing Co. (See Plautz, Harry, assignor.)
- Hummel & Downing Co. (See Ratcliff, Arthur, assignor.)
- Hummel, Frederick E. (See Jerling Gottfried, assignor.)
- Hummel, Robert T., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Pluro-metallic rod. 2,013,411; Sept. 3.
- Hummel-Ross Fibre Corporation. (See Sale, John W., assignor.)
- Hummel, William E., Santa Barbara, Calif. Target pasting device. 2,016,090; Oct. 1.
- bourne, Victoria, Australia. Electric arc welding. 2,017,003; Oct. 8.
- Hummert, Robert H., assignor to The S. H. Thomson Manufacturing Company, Dayton, Ohio. Check valve. 1,989,199; Jan. 29.
- Humphner, Ferdinand W., Oak Park, assignor to Mid-States Gummed Paper Co., Chicago, Ill. Pressure sensitive adhesive tape. 2,019,010; Oct. 29.
- Humphner, Ferdinand W., Oak Park, assignor to Mid-States Gummed Paper Co., Chicago, Ill. Reinforced gummed tape. 2,024,224; Dec. 17.
- Humphrey, Don B., assignor, by mesne assignments, to United States Gypsum Company, Chicago, Ill. Shingle. 2,018,722; Oct. 29.
- Humphrey, Ervin, assignor to Hercules Powder Company, Wilmington, Del. Synthetic resin and method of producing. 1,993,034; Mar. 5.
- Humphrey, Herbert S., assignor to H. L. G. Co., Kalamazoo, Mich. Valve assembly. 1,987,854; Jan. 15.
- Humphrey, Howard C. (See Carr, R. H., and Humphrey.)
- Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Synthetic resin and producing. 1,993,036; Mar. 5.
- Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Coating composition. 1,999,812; Apr. 30.
- Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Composition of matter and method of producing. 2,025,947; Dec. 31.
- Humphrey, James W., Claymont, Del., assignor to The Viscose Company, Marcus Hook, Pa. Increasing tensile properties of viscose rayon. 2,025,868; Dec. 31.
- Humphrey, James W., Claymont, Del., and J. W. Pedlow, Chester, assignors to The Viscose Company, Marcus Hook, Pa. Increasing tensile properties of viscose rayon. 2,024,041; Dec. 10.
- Humphrey, Leo H., Medford, assignor of one-third to A. Ciamei and one-third to A. Loschi, East Boston, Mass. Egg preserving. 1,998,543; Apr. 23.
- Humphrey, Walter E., Jeannette, Pa., assignor to Pennsylvania Rubber Company. Ball stencil. 2,005,787; June 25.
- Humphreys, Edwin W. A., Westminster, London, England. Purification of liquid. 2,012,166; Aug. 20.
- Humphreys, Oliver W., Kenton, and C. W. Stopford, Wembley, assignors to The General Electric Company Limited, London, England. Electric storage cooker. 2,008,551; July 16.
- Humphreys, Robert L. (See Farrington, B. B., and Humphreys.)
- Humphreys, William, Fullerton, Pa. Scoring apparatus and the like. 1,997,933; Apr. 16.
- Humphries, Albert G., San Anselmo, and A. F. Bonnalie, San Francisco, Calif., assignors to Maintenance Equipment Company, Chicago, Ill. Track lubricator. 2,018,402; Oct. 22.
- Hund, August, West Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Space discharge tube having a negative resistance characteristic. 1,986,397; Jan. 1.
- Hund, August, West Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Rectifier supply system. 2,017,658; Oct. 15.
- Hund, Walter J. (See Rosenstein, L., and Hund.)
- Hund, Walter J., and L. Rosenstein, assignors to Shell Development Company, San Francisco, Calif. Process and products relating to imidols. 1,990,453; Feb. 5.
- Hund, Walter J., and L. Rosenstein, San Francisco, Calif. Treatment of alkylolamine soaps and related products. 2,007,166; July 9.
- Hundertmark, Heinrich. (See Quaschnig, C. G., and Hundertmark.)
- Hungarian Rubber Goods Factory Limited. (See Dorogi, István, assignor.)
- Hungerbühler, Paul, Zug, Switzerland, assignor to Landis & Gyr, A. G. Time controlled switch. 2,005,085; June 18.
- Hungerford and Terry, Inc. (See Hungerford, Churchill, assignor.)
- Hungerford, Churchill, assignor to Hungerford and Terry, Inc., Clayton, N. J. Filter. 1,998,279; Apr. 16.
- Hungerford, Daniel C., Fairlawn, N. J., assignor to Ralph E. Ogden, Mountainville, N. Y. Door closure. 2,019,706; Nov. 5.

- Hunicke, Clarence C., Palsade, and Charles L. Wagner, Bonton, N. J. Concentrating waste liquors. 2,005,422; June 18.
- Hunkeler, Jacob A., Pittsburgh, Pa. Towel dispensing apparatus. 1,990,326; Feb. 5.
- Hunley, Ora L., Los Angeles, Calif. Maternity gown. 2,014,619; Sept. 17.
- Hunley, Ora L., Los Angeles, Calif. Slip or petticoat. 2,014,620; Sept. 17.
- Hunsaker, Claude H., University City, assignor to Photofrost, Inc., St. Louis, Mo. Plant protective process and material. 1,995,853; Mar. 26.
- Hunt, Albert P. (See MacLachlan, John C., assignor.)
- Hunt, Albert P. (See MacLachlan, John C. and J. M., assignors.)
- Hunt, Allan F., Burlingame, assignor to Associated Patents Corporation, San Francisco, Calif. Card index. 2,019,816; Nov. 5.
- Hunt, Andrew M., Berkeley, Calif., deceased, Crocker First Federal Trust Company, executor, assignor to The Standard Stoker Company, Incorporated. Distributor head for stokers. 1,999,993; Apr. 30.
- Hunt, Andrew M., San Francisco, Calif., assignor to The Standard Stoker Company, Incorporated. Mechanical stoker. 2,011,284; Aug. 13.
- Hunt, C. Howard, Pen Company. (See Henwood, Lloyd S., assignor.)
- Hunt, Daniel F., Buffalo, N. Y. Internal combustion engine. 2,018,306; Oct. 22.
- Hunt, Emma F., Brooklyn, N. Y. Screw fastening means. 2,002,741; May 28.
- Hunt, Franklin B., assignor to The Liquid Carbonic Corporation, Chicago, Ill. Method of and apparatus for obtaining carbon dioxide. 1,992,486; Feb. 26.
- Hunt, Franklin B., assignor to The Liquid Carbonic Corporation, Chicago, Ill. Process of and apparatus for manufacturing liquid and solid carbon dioxide. 2,012,587; Aug. 27.
- Hunt, Franklin L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound picture set. 2,003,937; June 4.
- Hunt, George. (See Stribling, John W., assignor.)
- Hunt, Geo. L., Automotive Equipment Co. (See Seger, D., Smith, and Fransen, assignors.)
- Hunt, Horace S. (See Langenberg, F. C., and Hunt.)
- Hunt, Horace S. (See Stuart, H. W., Hunt, and Arnold.)
- Hunt, J. Harold, and H. J. Horn, assignors to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 1,993,061; Mar. 5.
- Hunt, James K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition retaining flexibility and antioxidant therefor. 1,985,896; Jan. 1.
- Hunt, John H., assignor to General Motors Corporation, Detroit, Mich. Synchronizing clutch mechanism for vehicle change speed transmission. 1,987,682; Jan. 15.
- Hunt, Marsden H., Parkersburg, W. Va., and G. M. Barrow, Derry, Pa., assignors to Westinghouse Electric and Manufacturing Company. Insulator. 1,987,683; Jan. 15.
- Hunt, Marsden H., Parkersburg, W. Va., and G. M. Barrow, Derry, Pa., assignors to Westinghouse Electric and Manufacturing Company. Insulator. 1,997,688; Apr. 16.
- Hunt, Ray R. (See Blair, G. W., and Hunt.)
- Hunt, Roland E., Cincinnati, Ohio. Garbage disposal receptacle. 2,002,113; May 21.
- Hunt, Scott F., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 1,996,245; Apr. 2.
- Hunt, Scott F., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,009,109; July 23.
- Hunt, Scott F., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,015,752; Oct. 1.
- Hunt, Scott F., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,015,753; Oct. 1.
- Hunt, Susan. (See Bobo, Edward H., assignor.)
- Hunt, Sylvester H., assignor to Farmers Manufacturing Company, Norfolk, Va. Shipping basket. 2,020,186; Nov. 5.
- Hunt, Thomas N., Houston, Tex. Retractable core barrel. 2,019,978; Nov. 5.
- Hunt, Thomas N., Houston, Tex. Core bit and retrieving core barrel. 2,024,450; Dec. 17.
- Hunt & Turner, Messrs., Limited. (See Pritchard, Frederick, assignor.)
- Hunt, William W., St. Louis, Mo. Trap for insects and rodents. 2,009,583; July 30.
- Huntar, Felix, Hillside, N. J., assignor to American Can Company, New York, N. Y. Can feeding mechanism. 1,985,897; Jan. 1.
- Hunter, Anna. (See Steinhart, R., and Hunter.)
- Hunter, David E. (See Walker, L. H., and Hunter.)
- Hunter, David E., assignor to The Shaw-Walker Company, Muskegon, Mich. Card filing device. 2,013,153; Sept. 3.
- Hunter, Delbert N., Dallas, and M. J. Butts, Albany, Ore. Scraper. 2,025,285; Dec. 24.
- Hunter, Eugene M., Scotia, N. Y., assignor to General Electric Company. Electrical protective system. 1,998,318; Apr. 16.
- Hunter Fan & Motor Company, The. (See Buttner, Carl, assignor.)
- Hunter, Frank A. (See Wunderle, Carl, assignor.)
- Hunter, Frank B., Indianapolis, Ind. Maintaining sand beaches smooth and sterile. 1,990,186; Feb. 5.
- Hunter, Frank B., Indianapolis, Ind. Method of and apparatus for cleaning, sterilizing, and smoothing beaches. 2,000,956; May 14.
- Hunter, Garniss W., Columbus, Ohio. Secretary. 1,997,585; Apr. 16.
- Hunter, Herbert T., Baltimore, Md., assignor to Doughnut Machine Corporation, New York, N. Y. Cooking apparatus. 2,006,832; July 2.
- Hunter, Herbert T., Baltimore, Md., assignor to Doughnut Machine Corporation, New York, N. Y. Cooking machine. 2,025,685; Dec. 24.
- Hunter, Irvin E., East Braintree, and C. W. Johnson, Weymouth, Mass. Fire prevention system. 1,993,788; Mar. 12.
- Hunter, James Machine Company, The. (See Rundlett, William D., assignor.)
- Hunter, John A., Springfield, Ohio. Pressing pad. 2,020,060; Nov. 5.
- Hunter, John G., Columbus, Ohio. Telephone directory unit and secretary. 1,996,767; Apr. 9.
- Hunter, John G., Columbus, Ohio. Combination telephone stand and telephone directory secretary. 2,000,957; May 14.
- Hunter, John G., Columbus, Ohio. Combination telephone stand and telephone directory secretary. 2,015,679; Oct. 1.
- Hunter, John W. (See Freeman, H., and Hunter.)
- Hunter, Louis N. (See Novotney, T. A., and Hunter.)
- Hunter, Mary P., et al. (See Fairley, Taliaferro J., assignor.)
- Hunter, Matthew A., Troy, N. Y., assignor to Driver-Harris Company, Harrison, N. J. Alloy. 2,005,423; June 18.
- Hunter, Philip V., assignor to Callender's Cable and Construction Company Limited, London, England. Electric cable. 2,015,476; Sept. 24.
- Hunter, Richard B., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric motor control apparatus. 1,994,821; Mar. 19.
- Hunter, Richard S., Franklin Park, Va., assignor to Henry A. Gardner, Washington, D. C. Gloss measuring device. 1,988,556; Jan. 22.
- Hunter, Russell N., Westfield, N. J., assignor to American Telephone and Telegraph Company. Apparatus and method for remedying cross-talk. 1,995,454; Mar. 26.
- Hunter, Thomas M., East Orange, N. J. Voltage regulating means. 1,993,007; Mar. 5.
- Hunter, Thomas M., East Orange, N. J. Voltage regulator. 2,014,570; Sept. 17.
- Hunter, Thomas W., Pasadena, Calif. Retort burner. 2,008,179; July 16.
- Hunter, W. J., et al. (See Fairley, Taliaferro J., assignor.)
- Huntington, Earl D. (See Chapler, L. L., and Huntington.)
- Huntington, Kellogg. (See Gage, Benjamin E., assignor.)
- Huntington, Levin B., Jr., Baltimore, Md. Leader. 1,987,531; Jan. 8.
- Huntington, Victor C., Wepco Steel Products Co., Blue Island, Ill. Cooling system. 2,005,860; June 25.
- Huntley, Ernest R., assignor to Crystal Paper Service Corporation, Los Angeles, Calif. Paper cup. 2,016,434; Oct. 8.
- Huntley, Fred G., Marlow, N. H. Rake. 2,008,073; July 16.
- Huntley, George J. (See Bagley, R. M. and Huntley, assignors.)
- Huntley, George J. (See Darling, F. L., and Huntley.)
- Hunwicke, Roderick F., Barnet, England. Manufacturing bacterial solutions. 2,020,647; Nov. 12.
- Hut, Leo E., Newport, Wash. Hoisting crane. 2,025,284; Dec. 24.
- Hüper, Arnold. (See Reiner, E., and Hüper.)
- Hupp Motor Car Corporation. (See Johnson, Hugh A., assignor.)
- Hupp Motor Car Corporation. (See Punke, John J., assignor.)
- Hupp Motor Car Corporation. (See Smith, Hadley, assignor.)
- Huppert, William, assignor to Ampex, Inc., New York, N. Y. Electric flasher. 2,006,395; July 2.
- Huppert, William, assignor to Ampex, Inc., New York, N. Y. Flasher. 2,019,309; Oct. 29.
- Huppmann, Karl K., Cicero, Ill. Internal reversible multi-speed driving mechanism. 2,012,629; Aug. 27.
- Huppmann, Karl K., Chicago, Ill., assignor to Walker Dishwasher Corporation. Washing apparatus. 2,022,637; Nov. 26.
- Hurd, Edwin P., Detroit, Mich. Lock. 2,021,185; Nov. 19.
- Hurd, Lyman E., assignor to National Development Co., Lynn, Mass. Mechanical movement. 1,994,999; Mar. 19.
- Hurd, Norman B., Newington, assignor to The American Hardware Corporation, New Britain, Conn. Lock. 1,986,676; Jan. 1.
- Hurd, Norman B., Newington, assignor to The American Hardware Corporation, New Britain, Conn. Panic bolt. 2,004,811; June 11.
- Hurd, Norman B., Newington, assignor to The American Hardware Corporation, New Britain, Conn. Lock. 2,012,911; Aug. 27.
- Hurd, Norman B., assignor to The American Hardware Corporation, New Britain, Conn. Lock. 1,992,124; Feb. 19.

- Hurd, Norman B., assignor to The American Hardware Corporation, New Britain, Conn. Lock. 1,992,125; Feb. 19.
- Hurd, Norman B., assignor to The American Hardware Corporation, New Britain, Conn. Lock. 1,992,126; Feb. 19.
- Hurd, Norman B., assignor to The American Hardware Corporation, New Britain, Conn. Lock. 2,012,912; Aug. 27.
- Hurd, Roy O., and T. E. Hodgkinson, assignors to N. J. Hale, San Francisco, Calif. Apparatus for electrical testing. 2,000,595; May 7.
- Hurden, Evelyn. (See Basten, F., and Hurden.)
- Hurlbrink, Ernst, Berlin-Westend, assignor to firm Martini-Hübke and Salzkotten Maschinen-und Apparatebau-Aktien-Gesellschaft, Berlin, Germany. Liquid measuring and tapping device. 1,991,153; Feb. 12.
- Hurlburt, Philip S., assignor to W. H. Hurlburt, River Forest, Ill. Refrigeration drawer. 2,021,065; Nov. 12.
- Hurlburt, Ralph W., Sheffield, Mass. Milking-machine attachment. 2,006,272; June 25.
- Hurlburt, Watson, River Forest, Ill. Attachment for gas burners. 1,987,340; Jan. 8.
- Hurlburt, Watson H. (See Hurlburt, Philip S., assignor.)
- Hurlbut-Bell Company. (See Bell, Harvey W., assignor.)
- Hurlbut, Douglas H., Adrian, Mich. Typesetting bar. 1,989,054; Jan. 22.
- Hurlbut, Newell G., Joplin, Mo. Floral spray display cross. 2,007,496; July 9.
- Hurley, Edward N., Jr., Wheaton, assignor to Electric Household Utilities Corporation, Cicero, Ill. Cabinet for ironing machines. 2,014,133; Sept. 10.
- Hurley, Roy T., Dobbs Ferry, assignor to Hurley-Townsend Corporation, New York, N. Y. Spark plug. 1,996,421; Apr. 2.
- Hurley, Roy T., Dobbs Ferry, assignor to Hurley-Townsend Corporation, New York, N. Y. Cooled and shielded spark plug. 1,996,422; Apr. 2.
- Hurley, Roy T., Dobbs Ferry, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Spark plug shield. 2,015,477; Sept. 24.
- Hurley-Townsend Corporation. (See Hurley, Roy T., assignor.)
- Hurrell, Elmer S., Redwood City, Calif., assignor to Johns-Manville Corporation, New York, N. Y. Thermal insulation and making the same. 2,016,039; Oct. 1.
- Hurst, Dee A. (See Billins, H. P., and Hurst.)
- Hurst Incorporated. (See Callowhill, Percy J., assignor.)
- Hurst, Wilbur M., and F. D. Fulton, Washington, D. C., dedicated to the free use of the public. Seed dusting machine. 2,026,499; Dec. 31.
- Hurt, Arthur J., Denver, Colo. Fixture for turning or grinding ovals. 2,004,283; June 11.
- Hurt, Floyd E. (See Burton, Oscar D., assignor.)
- Hurt, Frank B., La Grande, Oreg. Aggregate spreader. 2,005,896; June 25.
- Hurt, Robert H., Charlottesville, Va. Insecticides and fungicides and making the same. 2,006,895; July 2.
- Hurt, Samuel N. (See Markham, B. W., and Hurt.)
- Hurt, Samuel N., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Coin controlled indicating device. 2,002,373; May 21.
- Hurt, Samuel N., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Coin controlled weighing scale. 2,013,960; Sept. 10.
- Hurt, Samuel N., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,013,961; Sept. 10.
- Hurt, Victor H., Naugatuck, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Making inflatable articles. 2,001,785; May 21.
- Hurtig, Carl A., St. Paul, assignor of twenty one-hundredths to G. R. Taylor, and forty one-hundredths to H. L. Brady, Minneapolis, Minn. Internal combustion engine with rotary valve. 2,019,310; Oct. 29.
- Hurty-Peck & Co. (See Stewart, F. R., and Spencer, assignors.)
- Hurxthal, Alpheus O., assignor to Procter & Schwartz, Incorporated, Philadelphia, Pa. Soap chilling roll. 1,994,360; Mar. 12.
- Hurxthal, Alpheus O., assignor to Procter & Schwartz, Incorporated, Philadelphia, Pa. Apparatus for handling, drying and processing materials. 1,996,020; Mar. 26.
- Hurxthal, Alpheus O., assignor to Procter & Schwartz, Incorporated, Philadelphia, Pa. Screen conveyer. 2,007,862; July 9.
- Hurxthal, Alpheus O., assignor to Procter & Schwartz, Incorporated, Philadelphia, Pa. Insulating panel. 2,021,786; Nov. 19.
- Hurxthal, Alpheus O., assignor to Procter & Schwartz, Incorporated, Philadelphia, Pa. Turning girts in loop driers. 2,024,927; Dec. 17.
- Hurxthal, Alpheus O., and E. B. Kerst, assignors to Procter & Schwartz, Incorporated, Philadelphia, Pa. Festooning mechanism for loop driers. 1,990,406; Feb. 5.
- Husarik, Yustina, Russeton, assignor of one-half to C. A. Filkorn, Springdale, Pa. Padlock. 2,000,445; May 7.
- Husch, Theodore M. (See McGirr, T. G., and Husch.)
- Huscher, Myron E. (See Britton, E. C., Nutting, and Huscher.)
- Huscher, Myron E. (See Nutting, H. S., Britton, Huscher, and Petrie.)
- Huscher, Myron E. (See Nutting, H. S., Petrie, and Huscher.)
- Husketh, Alvis C., Kittrell, N. C. Buckle for reversible belts. 2,018,128; Oct. 22.
- Huss, Joseph F., assignor of one-half to B. K. Bialock, Charlotte, N. C. Automobile theft preventing device. 2,000,136; May 7.
- Hussar, Julius A., Cleveland, Ohio. Machine for testing automobile radiators. 2,018,403; Oct. 22.
- Hussey, Frank L., assignor to Blue Ribbon Products Company, Inc., San Francisco, Calif. Steam pop-off valve. 2,006,141; June 25.
- Hussman, Carl, assignor to United States Gypsum Company, Chicago, Ill. Insulated boat construction. 1,991,675; Feb. 19.
- Hussman, Carl, assignor to United States Gypsum Company, Chicago, Ill. Vibration isolating pipe connection. 2,014,355; Sept. 10.
- Hussmann-Ligonier Company. (See McMillan, William B., assignor.)
- Hussmann-Ligonier Company. (See Reed, C. S., and Rubin, assignors.)
- Hussmann-Ligonier Company. (See Rutishauser, Donald E., assignor.)
- Hussmann-Ligonier Company. (See Strait, Ralph H., assignor.)
- Husson, Camille, et al. (See Reitlinger, Henri B., assignor.)
- Husson, Harry L., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Humidifying apparatus. 2,003,938; June 4.
- Husted, H. F. Company. (See Risser, Roy H., assignor.)
- Husted, Harry A., Lakewood, Ohio. Steering wheel and identification means. 2,001,349; May 14.
- Husted, Harry F., assignor of one-half to H. H. Newton, Galeton, Pa. Slide. 2,012,195; Aug. 20.
- Husted, Raymond E., Tuxedo Park, N. Y. Plant protector. 1,987,255; Jan. 8.
- Hustler Corporation. (See Ferris, William D., assignor.)
- Huston, Charles A. (See Wiley, R. H., Huston, and Keller.)
- Huston, Robert E. (See Huston, Stinson, and R. E.)
- Huston, Sanford K., Jr., Chicago, Ill. Glazing construction. 2,002,536; May 28.
- Huston, Stinson and R. E., Trinty, Tex. Lid for baskets. 2,000,639; May 7.
- Hutch-Gard Corporation, Ltd. (See Hutchinson, Fenton F., assignor.)
- Hutchens, Ralph O., Long Beach, Calif. Coupling for sucker rods. 2,013,962; Sept. 10.
- Hutchings, Edward W., Perry, Fla. Manufacture of barrel staves. 2,000,391; May 7.
- Hutchings, Le Roi E., Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Filing device and making the same. 2,026,500; Dec. 31.
- Hutchins Car Roofing Company. (See Franck, E. G., and Stone, assignors.)
- Hutchins Car Roofing Company. (See Thompson, William D., assignor.)
- Hutchins Car Roofing Company. (See Wilson, Alfred R., assignor.)
- Hutchins, William H., and T. L. Lee, assignors to North East Appliance Corporation, Rochester, N. Y. Cigar lighter. 1,987,193; Jan. 8.
- Hutchinson, Aubrey F., Lamesa, Tex. Hanger for screw conveyers. 2,021,363; Nov. 19.
- Hutchinson, Fenton F., assignor to Hutch-Gard Corporation, Ltd., San Francisco, Calif. Current converting system and apparatus. 1,989,233; Jan. 29.
- Hutchinson, Francis A., assignor to Tudhope Metal Specialties Limited, Orilla, Ontario, Canada. Temperature indicating and control mechanism. 2,006,767; July 2.
- Hutchinson, George, Manitowoc, Wis. Pole and post. 2,023,476; Dec. 10.
- Hutchinson, Job, Great Neck, N. Y. Motor operated train indicator. 2,010,263; Aug. 6.
- Hutchinson, Job, Great Neck, N. Y. Train indicator. 2,025,242; Dec. 24.
- Hutchinson, John H., Portslade-by-Sea, assignor to Pipes, Limited, London, England. Roofing and like tiles. 2,000,392; May 7.
- Hutchinson, Philip H., Montclair, N. J., assignor to General Motors Corporation, Detroit, Mich. Bore cutting machine. 2,000,288; May 7.
- Hutchinson, Thomas, Newport, Oreg. Felling and cutting felled trees. 2,006,241; June 25.
- Hutchinson, William M., Buffalo, assignor to National Aniline & Chemical Company, Inc. Proportionate feeder. 1,997,970; Apr. 16.
- Hutchison, John F., et al. (See Hutchison, William, assignor.)
- Hutchison, Miller R., Jr., Madison, N. J., assignor to Multicycol Pump & Engine Corporation, New York, N. Y. Rotary pump, compressor, and the like. 1,986,202; Jan. 1.
- Hutchison, Miller R., Jr., Madison, N. J., assignor to Multicycol Pump & Engine Corporation, New York, N. Y. Rotary pump, compressor, engine, and the like. 2,006,298; June 25.
- Hutchison, Miller R., Jr., New York, N. Y., assignor to Packard Motor Car Company, Detroit, Mich. Power transmission system. 2,005,974; June 25.
- Hutchison, Robert R. (See Blackmore, L., and Hutchison.)

- Hutchison, Tom A., and J. A. Masbach, New York, N. Y. Bottle closure with brush. 2,025,286; Dec. 24.
- Hutchison, William, assignor of one-fifth to A. Cunningham, one-fifth to J. F. Hutchison, and one-fifth to C. Blunt, Evanston, Ill. Golf club. 2,018,723; Oct. 29.
- Hutchison, William E., Cardiff, Wales. Gas mixer and vaporizer. 2,022,510; Nov. 26.
- Hutchman, James E., Newburgh, N. Y. Fabrics for aeroplane construction and process and composition for making same. 2,014,068; Sept. 10.
- Hutchman, James E., Indianapolis, Ind., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Annealing metal articles. 2,006,168; June 25.
- Huth, Walter H., et al. (See Keogh, Raymond J., assignor.)
- Huthsing, Leo B., Los Angeles, Calif. Timing gear silencer. 2,016,745; Oct. 8.
- Hutt, Albert E., Pelham, N. Y. Passenger carrying vehicle. 1,986,342; Jan. 1.
- Hutt, Albert E., Pelham, N. Y. Automatic shut off valve. 2,013,999; Sept. 10.
- Hutt, Albert E., Pelham, N. Y., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Meter mechanism. 2,016,502; Oct. 8.
- Hutt, George A. (See Hutt, Robert J. and G. A.)
- Hutt, James W., Toronto, Ontario, Canada. Price ticket. 2,025,167; Dec. 24.
- Hutt, Robert J. and G. A., Brooklyn, N. Y. Coating machine. 1,986,062; Jan. 1.
- Huttinger, Charles A., Lakewood, assignor to Acme Rayon Corporation, Cleveland, Ohio. Apparatus for treating fine filamentous thread in package form. 2,011,485; Aug. 13.
- Huttner, Karl. (See Schmidt, O., and Huttner.)
- Huttner, Karl. (See Schmidt, O., Huttner, and Kaeb.)
- Hutto Engineering Company. (See Hutto, Marsden C., assignor.)
- Hutto Engineering Company. (See Isom, Benjamin O., assignor.)
- Hutto Engineering Company Inc. (See Kline, John B. G., assignor.)
- Hutto, Marsden C., assignor to Hutto Engineering Company, Inc., Detroit, Mich. Metal cutting or reaming device. 2,018,674; Oct. 29.
- Hutton, Donald. (See Cook, J. B., Jr., and Cook.)
- Hutton, Horatio W., Croydon, assignor of one-half to J. C. Vredenburg, London, England. Collapsible tube and valve for dispensing fluids. 2,023,230; Dec. 3.
- Hutton, John, Winnipeg, Manitoba, Canada. Tension indicator for sewing machine. 1,996,964; Apr. 9.
- Huwether, Herbert W. (See Maynz, T., and Huwether.)
- Hwyler, Oswald, Vienna, Austria. Oil-catacract-control gear. 1,991,676; Feb. 19.
- Huxford, George T., assignor to Builders Iron Foundry, Providence, R. I. Surface grinder. 2,019,677; Nov. 5.
- Huxford, George T., Providence, and F. E. Stratton, Cranston, and P. G. Heinemann, assignors to Diamond Machine Co., Providence, R. I. Machine tool. 2,021,066; Nov. 12.
- Huxham, Trevor S. (See Werring, W. W., and Huxham.)
- Huxtable, Clyde K., Flushing, N. Y., assignor to Hazeltine Corporation. Radio tuning and selectivity control. 2,024,062; Dec. 10.
- Huyck, F. C., & Sons. (See Ashby, Holdon M., assignor.)
- Huyck, F. C., & Sons. (See Wilson, Ezekiel J., assignor.)
- Huye, Joseph G., New Orleans, La. Box. 2,025,589; Dec. 24.
- Huyett, Daniel D., assignor to Atlas Powder Company, Wilmington, Del. Press mechanism. 2,005,260; June 18.
- Huyett, Robert B., assignor to Pangborn Corporation, Hagerstown, Md. Abrasive separating and cleaning apparatus. 1,994,610; Mar. 19.
- Huyser, Hendrik W., Hilversum, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Heat transmission. 2,006,202; June 25.
- Huyser, Hendrik W., and J. A. Van Melsen, Amsterdam, Netherlands, assignors, by mesne assignments, to Shell Development Company, San Francisco, Calif. Absorbing isobutylene. 2,012,787; Aug. 27.
- Hyeem, Francis N., Sacramento, Calif. Stabilometer. 1,998,722; Apr. 23.
- Hvoslef, Fredrik W., Kohler, Wis. Sheath for radiators and the like. 2,001,876; May 21.
- Hyams, Herbert B., St. Paul, Minn. Display device. 1,991,216; Feb. 12.
- Hyams, Herbert B., St. Paul, Minn. Goods-display device. 1,991,217; Feb. 12.
- Hyatt, Elmer, Kansas City, Mo. Razor construction. 2,010,304; Aug. 6.
- Hyatt, Leonard and G. D. Robbins, San Antonio, Tex. Visible oil comparer. 2,016,832; Oct. 8.
- Hyatt, Louis C., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Bus heater. 1,989,519; Jan. 29.
- Hyatt, Louis C., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Inclosed electric heater. 1,995,000; Mar. 19.
- Hyatt, Louis C., assignor to Consolidated Car Heating Company, Inc., Albany, N. Y. Train-line relief valve. 2,022,722; Dec. 3.
- Hyatt, Louis C., Albany, assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Automobile heater. 2,024,864; Dec. 17.
- Hyde, Frank P., Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Casting hollow objects. 2,018,675; Oct. 29.
- Hyde, Loring H., assignor to Consolidated Advertising Corp., Ltd., Los Angeles, Calif. Screen advertising apparatus. 2,011,581; Aug. 20.
- Hyde Manufacturing Company. (See Edgren, F. E., and La Croix, assignors.)
- Hyde Manufacturing Company. (See La Croix, Arthur J., assignor.)
- Hyde, Merritt A. (See Kahn, A. M., and Hyde.)
- Hyde Park Foundry and Machine Company. (See Aupperl, George H., assignor.)
- Hyde, R. Harold, et al. (See Urquhart, Norman J., assignor.)
- Hyde, Ralph C., Los Angeles, Calif., assignor to Claude Neon Electrical Products Corporation, Ltd., Wilmington, Del. Electrode for gaseous discharge lamps. 2,018,957; Oct. 29.
- Hyde, Ralph C., Los Angeles, and E. O. Erickson, Pasadena, Calif., assignors to Claude Neon Electrical Products Corporation, Ltd., Wilmington, Del. Safety system for therapeutic lamps. 2,002,776; May 28.
- Hyde, Rollin M., assignor to McCord Radiator and Manufacturing Company, Detroit, Mich. Cooling unit for refrigerators. 1,993,171; Mar. 5.
- Hyde, Walter L., Maplewood, Mo. Fence post. 2,000,232; May 7.
- Hyden, William L., Kenmore, assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Wrapping material. 2,011,246; Aug. 13.
- Hyden, William L., J. C. Siemann, and J. E. Snyder, Kenmore, assignors to Du Pont Cellophane Company, Inc., New York, N. Y. Affixing stamps. 1,985,898; Jan. 1.
- Hyden, William L., Kenmore, and J. S. Fonda, Buffalo, assignors to du Pont Rayon Company, New York, N. Y. Artificial silk and producing same. 2,009,110; July 23.
- Hydrauger Corporation. (See Englebright, Alfred E., assignor.)
- Hydrauger Corporation. (See Englebright, A. E., Foret, and Currens, assignors.)
- Hydraulic Brake Company. (See Bowen, Herbert C., assignor.)
- Hydraulic Brake Company. (See Bowen, Myron W., assignor.)
- Hydraulic Brake Company. (See Floraday, Burton S., assignor.)
- Hydraulic Brake Company. (See Loughhead, M., and Oliver, assignors.)
- Hydraulic Brake Company. (See Loweke, Erwin F., assignor.)
- Hydraulic Brake Company. (See McCollum, Andrew O., assignor.)
- Hydraulic Brake Company. (See McDougall, George F., assignor.)
- Hydraulic Brake Company. (See Oliver, Wallace F., assignor.)
- Hydraulic Brake Company. (See Rouch, Everett W., assignor.)
- Hydraulic Brake Company. (See Tseng, Andrew T. K., assignor.)
- Hydraulic Elevator & Machine Company. (See Rogers, John A., assignor.)
- Hydraulic Press Manufacturing Company, The. (See Benedek, Elek, assignor.)
- Hydraulic Press Manufacturing Company, The. (See Benedek, Elek K., assignor.)
- Hydraulic Press Manufacturing Company, The. (See Benedek, E., and MacMillin, assignors.)
- Hydraulic Press Mfg. Company. (See Ernst, Walter, assignor.)
- Hydraulic Press Manufacturing Company, The. (See Ernst, W., and Thoreson, assignors.)
- Hydril Company. (See Stone, Frederick, and A. L., assignors.)
- Hydro-Heater Corporation, The. (See White, J. C., and Miller, assignors.)
- Hydromatic Corporation. (See Pardee, Harvey S., assignor.)
- Hydronapthene Corporation, The. (See Schrauth, Walther, assignor.)
- Hydrox Corporation. (See Thoke, Rudolph G., assignor.)
- Hydzone Corporation. (See Bueno, Humbert L., assignor.)
- Hygrade Sylvania Corporation. (See Biggs, O. H., and Cobb, assignors.)
- Hygrade Sylvania Corporation. (See Carter, Emmett F., assignor.)
- Hygrade Sylvania Corporation. (See LeBel, Clarence J., assignor.)
- Hyland, Lawrence A., and M. P. Hanson, Washington, D. C. Signaling apparatus and method of using the same. 1,996,869; Apr. 9.
- Hylander, John C., Springfield, Mass. Traffic position indicating model. 2,020,608; Nov. 12.
- Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Wagon hitch for implements. 1,992,429; Feb. 26.
- Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Tractor harvester thresher. 2,017,755; Oct. 15.
- Hyman, Henry. (See Britsch, Otto C., assignor.)
- Hyman, Henry. (See Muldoon, Bernard F., assignor.)
- Hyman, Henry, Brooklyn, N. Y. Flash light hanger. 2,005,339; June 18.

- Hyman, Julius, assignor to Velsicol Corporation, Chicago, Ill. Rubber plasticizer. 2,008,102; July 16.
- Hyman, Julius, assignor to Velsicol Corporation, Chicago, Ill. Manufacture of a shellac substitute. 2,008,103; July 16.
- Hyman, Julius, assignor to Velsicol Corporation, Chicago, Ill. Producing oxidized hydrocarbons and product thereof. 2,011,053; Aug. 13.
- Hyman, Julius, assignor to Velsicol Corporation, Chicago, Ill. Gasproof varnish and making same. 2,012,279; Aug. 27.
- Hyman, Julius, assignor to Velsicol Corporation, Chicago, Ill. Product for use as germicide, fungicide, or insecticide. 2,020,648; Nov. 12.
- Hyman, S. E., Company, The. (See Kaemmer, Harry E., assignor.)
- Hyman, S. J., et al. (See Modlin, Lowell G., assignor.)
- Hyman, Walter J., Westmount, Quebec, Canada. Railway car truck. 2,018,854; Oct. 29.
- Hymans, Frederick, Larchmont, assignor to Otis Elevator Company, New York, N. Y. Elevator safety apparatus. 2,001,361; May 14.
- Hyneman, John R., Chatham, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Carrier current telegraph system. 1,987,938; Jan. 15.
- Hynes, Lee P., Philadelphia, Pa. Electric heater. 1,991,280; Feb. 12.
- Hynes, Lee P., Philadelphia, Pa. Electric heater. 1,997,146; Apr. 9.
- Hynes, Lee P., Albany, N. Y. Liquid heating system. 2,012,101; Aug. 20.
- Hynes, Lee P., assignor, by mesne assignments, to Consolidated Car-Heating Company, Inc., Albany, N. Y. Bus heating and ventilating system. 2,026,425; Dec. 31.
- Hynson, Westcott & Dunning, Incorporated. (See Dunning, Fitzgerald, assignor.)
- Hynson, Westcott & Dunning, Incorporated. (See Shepherd, Laurence C., assignor.)
- Hysmith, Herbert, Chicago, Ill. Device for turning sheet music. 2,025,510; Dec. 24.
- Hyve, Louis, Marseille, France. Purifying sugar. 2,014,897; Sept. 17.
- I. G. Farbenindustrie Aktiengesellschaft. (See Andrusow, Leonid, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Andrusow, L., and Germann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Baehr, H., and Mendehl, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Balle, G., and Grom, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Balle, G., Grom, and Wolf, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Baumann, P., Schilling, and Stadler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Baumann, P., and Stadler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Baumann, P., Stadler, and Willig, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Beck, Adolf, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Beck, Ernst, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Beck, A., and Mueller-Cunradi, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Becker, W., and Blömer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Beller, H., and Schuette, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Binapfl, Josef, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Breuers, Wilhelm, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Daimler, Karl, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Dannenberg, Hans, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Dehnert, H., and Krey, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Dietrich, W., and Harder, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Dietrich, W., and Luther, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Drossbach, O., and Roell, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Duftschmid, Frans., assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ebert, G., Fries, and Garbsch, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Heymer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ehrhardt, Udo, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Eisenhut, Otto, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Eisenhut, O., Schilling, and Baumann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Engelhardt, Rudolf, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Feiler, Paul, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Feiler, P., and Haeuber, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Fikentscher, Hans, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Fink, H., and Rossner, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Fink, H., Weber, and von Wistinghusen, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Finkelstein, H., and Krey, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Flemming, W., and Speer.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Fridolsheim, A. V., and Luther, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Giller, F., and Friederici, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Goldhammer, Leo, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Goost, T., and Lommel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Gross, Walter, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Guenther, Fritz, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Haberland, Ulrich, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hagedorn, Max, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hagedorn, M., and Möller, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hagedorn, M., Reichert, and Gubring, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hagedorn, M., and Reyle, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hahn, Carl, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hassler, Franz, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Heisel, P., and Berghemer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Henglein, Friedrich A., assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Henglein, F. A., and Nitzschke, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hloch, Albert, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hoffman, U., and Jacobi, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hofmann, Wilhelm, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hofstadt, Richard, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hopff, H., Ebel, and Valkó, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hubert, E., Irion, and Mahan, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Irion, W., and Mahn, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Jacobi, C., and Wolf, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Jochum, K., Voss, Geier, and Dickhäuser, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Keller, K., Hopff, Goffert, and Nusslein, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Klein, H., and Pfandler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Koenig, Josef, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kollek, Leo, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Konrad, B., and Schwerdtel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kraenzlein, G., and Hopff, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kränzlein, G., and Müller, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Krauch, C., Eyer, Baetz, and Korn, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Krey, Willi, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kunz, M. A., Kochendoerfer, and Koeberle, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kuss, E., and Germann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Linckh, E., and Haeuber, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Lommel, W., and Schrötter, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Luther, Martin, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Luther, M., and V. Friedolsheim, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Luther, M., Goetze, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mahn, Herbert, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mahn, H., and Irion, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mahn, H., Meyer, and Pfannenstiel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Marx, K., Brodersen, and Quaedvlieg, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Meder, G., and Eggert, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Meder, G., Eggert, and Grimm, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Meder, G., Geissler, and Eggert, assignors.)

- I. G. Farbenindustrie Aktiengesellschaft. (See Meis, Helmut, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Meisenburg, Kurt, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mueller, Conradi, M., and Ober, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mueller, J., and Hoffmann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Müller, C., Schlecht, and Keunecke, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Neukirch, Eberhard, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Nicodemus, O., and Weibezahn, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Nicodemus, O., and Wulff, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Opfermann, E., and Feldtmann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Orthner, L., Becker, and Rosenthal, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ott, K., Gensel, and Schüssler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Otto, M., and Bub, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Paquin, Max, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Peukert, Ernst, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Dinkler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Eisenhut, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Simon, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pungs, W., and Jahrstorfer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Riess, K., and Lieben, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Riess, K., Liebschen, and Schultze, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, W., and Baur, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, W., and Hoffmann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, W., and Keyssner, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, W., and Wolff, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Rockstroh, J., Rappe, and Kircher, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Rodrian, H., Bauer, and Doser, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Scharff, M., Brode, Johansson, and Reichart, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schlecht, L., Hamprecht, and Spoun, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schlecht, L., and Keunecke, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schlecht, L., and Roetger, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schumann, C., Muench, and Ufer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schmidt, O., and Huttner, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schmidt, O., Huttner, and Kaeb, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schoenemann, Karl, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schulze, Rudolf, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schweitzer, Eugen, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Specketer, H., and Hebel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Speer, W., and Flemming, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Stock, Alfred, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Strathmeyer, Walter, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Suchy, R., and Reubke, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Thoraus, E., and Schlecht, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., Dehnert, and Fries, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., Koeding, and Wahl, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., and Nuesslein, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Vierling, K., Schmining, and Klingenberg, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Voss, A., and Dickhauser, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wallis, T., and Falek, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Walter, W., and Hofmann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Walter, W., Hofmann, and Oschatz, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Walz, Erwin, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Weiss, Hans, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wenzel, Wilhelm, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wietzel, R., and Engel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, Fritz, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, F., and Feiler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, F., Feiler, and Weigmann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, F., and Haeuber, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, F., Haeuber, and Feiler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, K., and Kroenig, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wolf, H., and Leuchs, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wolf, H., Leuchs, and Saenger, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wulff, C., and Roell, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wulff, C., Moll, and Breuers, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wulff, C., Nicodemus, and Treppenhauer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wulff, C., and Roell, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Zorn, H., Hofmann, and Rosinsky, assignors.)
- I. M. K. Syndicate Limited. (See von Mihály, Dénes, assignor.)
- I. R. C. Corporation. (See Sommer, Albert, assignor.)
- I-T-E Circuit Breaker Company. (See Graves, Herbert C., Jr., assignor.)
- I-T-E Circuit Breaker Company. (See Graves, H. B., Jr., and Jensen, assignors.)
- I-T-E Circuit Breaker Company. (See Healis, George A., assignor.)
- I-T-E Circuit Breaker Company. (See Healis, G. A., and Graves, assignors.)
- I-T-E Circuit Breaker Company. (See Jensen, O., and Falek, assignors.)
- I-T-E Circuit Breaker Company. (See Reed, Lyman C., assignor.)
- I-T-E Circuit Breaker Company. (See Scott, William M., assignor.)
- I-T-E Circuit Breaker Company. (See Scott, William M., Jr., assignor.)
- I. T. S. Company, The. (See Ingwer, Carl H., assignor.)
- Ifrate, Carlo, Detroit, Mich. Folding stool. 2,015,560; Sept. 24.
- Ibáñez, Francisco R., Mexico City, Mexico. Elastic coupling to substitute an internal gear. 2,004,325; June 11.
- Ibáñez, Isauro, Mazatlan, Mexico. Preparation for treating the bottoms of ships and the like for destroying animal and vegetable matter. 1,997,794; Apr. 16.
- Ice, Herbert H., Muskogee, Okla. Uni-plural plugging in and switch device. 1,989,752; Feb. 5.
- Ice, Herbert H., Muskogee, Okla. Hydraulic safety pipe line repair device. 2,002,577; May 28.
- Ice, James N., Wheeling, assignor to S. O. Paull, Wellsburg, W. Va. Torque shock absorber. 2,010,489; Aug. 6.
- Ichter, John H., Ashley, Pa., assignor to The Standard Stoker Company, Incorporated. Fuel distributor. 2,003,445; June 4.
- Idell, Ambrose, Toronto, Ohio. Indicator. 2,020,061; Nov. 5.
- Iddings, Carl, Staten Island, N. Y., assignor to The Murale Company, Inc. Casein solution. 2,023,389; Dec. 3.
- Ide, John M., Cambridge, Mass. Vibrator. 2,000,024; May 7.
- Ide, John M., Cambridge, Mass. Vibrator. 2,000,025; May 7.
- Ide, John M., Cambridge, Mass. Vibrator. 2,000,026; May 7.
- Ide, Walter D., assignor to The Piqua Hosiery Company, Inc., Piqua, Ohio. Bathing suit. 1,989,753; Feb. 5.
- Ide, Walter D., assignor to The Piqua Hosiery Company, Inc., Piqua, Ohio. Bathing suit. 2,022,621; Nov. 26.
- Ideal Aeroplane & Supply Co. (See Kramer, William, assignor.)
- Ideal Can Company. (See Gorman, M. J., and Blanchard, assignors.)
- Ideal Hose Coupling Company. (See Williams, Phillip H., assignor.)
- Ideal Lubricator Company. (See Culp, John F., assignor.)
- Ideal Novelty & Toy Co. (See Dunner, Julius, assignor.)
- Ideal Novelty & Toy Co. (See Katz, Abraham M., assignor.)
- Ideal Roller & Manufacturing Company. (See Lippincott, Wells A., assignor.)
- Idzal, Milton M., Des Moines, Iowa. Stereoscopic picture. 2,001,024; May 14.
- Ielfield, August, Silver Creek, N. Y. Manifolding device for typewriters. 2,022,374; Nov. 26.
- Igarashi, Tomohiko, Osaka, Japan. Automatic starting and stopping apparatus for a Diesel engine. 2,015,309; Sept. 24.
- Igari, Mituyosi, Magome Machi, Omori Ku, Tokyo, Japan. Flash light lamp. 2,024,225; Dec. 17.

- Igleheart, George P. (See Rosenmund, A. L., and Igleheart.)
- Igleheart, George P., Boonton, N. J., assignor to Stapling Machines Co. Wirebound box blank machine. 2,008,828; July 23.
- Ihagee Kamerawerk Steenberger & Company. (See Nüchterlein, Karl, assignor.)
- Ihde, August F., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Radiator core and shell assembly. 2,021,101; Nov. 12.
- Ihde, Hugo A., Örebro, Sweden. Apparatus for measuring periods of time, particularly psycho-physical reaction periods. 1,993,669; Mar. 5.
- Ilberg, Waldemar. (See Karolus, A., Schröter, and Ilberg.)
- Ilberg, Waldemar. (See Runge, W., Ilberg, and Lux.)
- Ilberg, Waldemar, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmitting or receiving arrangement for concentrated electric waves. 1,990,649; Feb. 12.
- Ilberg, Waldemar, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmitter. 2,002,181; May 21.
- Ilberg, Waldemar, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Generating ultraradio frequency sound-modulated oscillations. 2,015,523; Sept. 24.
- Iler, Franklin M., Cleveland, Ohio. Furnace. 1,990,827; Feb. 12.
- Iler, Harry B., Greenville, S. C. Sizing apparatus. 1,996,810; Apr. 9.
- Ilford Limited. (See Berry, William A., assignor.)
- Ilford Limited. (See Berry, W. A., and Storr, assignors.)
- Ilford Limited. (See Bloch, Olaf, assignor.)
- Ilford Limited. (See Gana, Bartholomew J. D., assignor.)
- Iliff, John W., Ridley Park, and P. Robinson, Lanerch, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Enamel-like coating composition. 1,986,930; Jan. 8.
- Iliff, John W., Ridley Park, P. Robinson, Lanerch, and W. Whitescarver, Rutledge, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stencil paste. 2,011,898; Aug. 20.
- Ilch, Herbert H., New York, N. Y. Shade stop. 1,988,948; Jan. 22.
- Illingworth, George. (See Donovan, J. F., and Illingworth.)
- Illingworth, George, East Cleveland, Ohio, assignor to General Electric Company. Precision electric lamp and manufacturing thereof. 1,995,148; Mar. 19.
- Illinois Clay Products Company, The. (See Jones, Otis L., assignor.)
- Illinois Clay Products Company, The. (See Nichols, Arthur S., assignor.)
- Illinois Elevator Company. (See Nielsen, Christian, assignor.)
- Illinois Railway Equipment Company. (See Harbert, Victor H., assignor.)
- Illinois Tool Works. (See England, Frank W., assignor.)
- Illinois Tool Works. (See Trotter, George C., assignor.)
- Illinois Watch Case Company. (See Irelan, Ellison S., assignor.)
- Illinois Watch Case Company. (See Irelan, E. S., and Krabbe, assignors.)
- Illinois Watch Case Company. (See Ridges, Robert P., assignor.)
- Illsley, Frank P., Norton Township, Muskegon County, Mich. Shutter operating means. 2,018,724; Oct. 29.
- Illuminating Engineering Co. (See Fitz Gerald, Harold G. F., assignor.)
- Imai, Tomoso, Honolulu, Hawaii. Automobile lifting device. 2,006,242; June 25.
- Imber, Oscar, New York, and W. H. Altschuler, Brooklyn, N. Y. Bank balancing and check writing device. 1,989,805; Feb. 5.
- Imhofe, Robert H., assignor to Rex-Watson Corporation, Canastota, N. Y. Window construction. 2,026,175; Dec. 31.
- Imhoff, William C. (See Reed, C. F., and Imhoff.)
- Imler, Grover C., and D. M. Hause, Seminole, assignors of one-third to R. L. Imler, Tulsa, Okla. Well tubing hanger. 2,003,446; June 4.
- Imler, Robert L. (See Imler, G. C., and Hause, assignors.)
- Imperial Brass Manufacturing Company, The. (See Dobrick, August C., assignor.)
- Imperial Brass Manufacturing Company. (See Matson, Charles L., assignor.)
- Imperial Brass Manufacturing Company, The. (See McIntosh, Robert D., assignor.)
- Imperial Chemical Industries Limited. (See Baird, William, assignor.)
- Imperial Chemical Industries Limited. (See Baldwin, A. W., and Davidson, assignors.)
- Imperial Chemical Industries Limited. (See Baxter, J. P., Edwards, and Winter, assignors.)
- Imperial Chemical Industries Limited. (See Binnie, David, assignor.)
- Imperial Chemical Industries Limited. (See Birchall, T., and Coffey, assignors.)
- Imperial Chemical Industries Limited. (See Brownsdon, H. W., and Chadwick, assignors.)
- Imperial Chemical Industries Limited. (See Brownsdon, H. W., Cook, and Miller, assignors.)
- Imperial Chemical Industries Ltd. (See Bunbury, H. M., and Sexton, assignors.)
- Imperial Chemical Industries Limited. (See Chapman, E., and Waddington, assignors.)
- Imperial Chemical Industries Limited. (See Coffey, S., and Palmer, assignors.)
- Imperial Chemical Industries Limited. (See Coffey, S., and Sexton, assignors.)
- Imperial Chemical Industries Limited. (See Cousins, Wilfred R., assignor.)
- Imperial Chemical Industries Limited. (See Crawford, John W. C., assignor.)
- Imperial Chemical Industries Limited. (See Dunbar, Charles, assignor.)
- Imperial Chemical Industries Limited. (See Dunbar, C., and Todd, assignors.)
- Imperial Chemical Industries Limited. (See Evans, J. G., and Lawrie, assignors.)
- Imperial Chemical Industries Limited. (See Ewan T., and Lemmon, assignors.)
- Imperial Chemical Industries Limited. (See Goldstein, Richard F., assignor.)
- Imperial Chemical Industries Limited. (See Goldstein, R. F., and Milsom, assignors.)
- Imperial Chemical Industries Limited. (See Greenhalgh, Richard, assignor.)
- Imperial Chemical Industries Limited. (See Haddock, N. H., and Lodge, assignors.)
- Imperial Chemical Industries Ltd. (See Hall, Cecil S., assignor.)
- Imperial Chemical Industries Ltd. (See Heilbron, I. M., and Irving, assignors.)
- Imperial Chemical Industries Limited. (See Hill, Rowland, assignor.)
- Imperial Chemical Industries Limited. (See Hodgson, Herbert H., assignor.)
- Imperial Chemical Industries Limited. (See Horsley, George F., assignor.)
- Imperial Chemical Industries Limited. (See Jones, M., and Naunton, assignors.)
- Imperial Chemical Industries Limited. (See Knight, Arthur H., assignor.)
- Imperial Chemical Industries Limited. (See Lefebure, Victor, assignor.)
- Imperial Chemical Industries Limited. (See Levesley, A. S., and Randall, assignors.)
- Imperial Chemical Industries Limited. (See Lilly, Cecil H., assignor.)
- Imperial Chemical Industries Limited. (See Lodge, F., and Lumsden, assignors.)
- Imperial Chemical Industries Limited. (See Macarthur, A., and Hallwood, assignors.)
- Imperial Chemical Industries Limited. (See McGrath, James, assignor.)
- Imperial Chemical Industries Limited. (See Mendoza, M., and Sexton, assignors.)
- Imperial Chemical Industries Limited. (See Mendoza, Mordecai, assignor.)
- Imperial Chemical Industries Limited. (See Paine, Clifford, assignor.)
- Imperial Chemical Industries Limited. (See Palmer, Keith W., assignor.)
- Imperial Chemical Industries Limited. (See Paterson, Thomas R., assignor.)
- Imperial Chemical Industries Limited. (See Piggott, Henry A., assignor.)
- Imperial Chemical Industries Limited. (See Piggott, H. A., and Rodd, assignors.)
- Imperial Chemical Industries Limited. (See Prince, Alfred J., assignor.)
- Imperial Chemical Industries Limited. (See Reid, William G., assignor.)
- Imperial Chemical Industries Limited. (See Renfrew, Archibald, assignor.)
- Imperial Chemical Industries Limited. (See Riley, Harry L., assignor.)
- Imperial Chemical Industries Limited. (See Salisbury, Eric H., assignor.)
- Imperial Chemical Industries Limited. (See Savage, Joseph, assignor.)
- Imperial Chemical Industries Limited. (See Sexton, W. A., and Ward, assignors.)
- Imperial Chemical Industries Limited. (See Smith, W., Primrose, and Thomas, assignors.)
- Imperial Chemical Industries Limited. (See Spencer, Wilfrid D., assignor.)
- Imperial Chemical Industries Limited. (See Strouts, Charles R. N., assignor.)
- Imperial Chemical Industries Limited. (See Thomson, R. F., Smith, and Primrose, assignors.)
- Imperial Chemical Industries Limited. (See Thorpe, J. F., and Linstead, assignors.)
- Imperial Chemical Industries Ltd. (See Thorpe, J. F., Linstead, and Thomas, assignors.)
- Imperial Chemical Industries Limited. (See Tidd, John J., assignor.)
- Imperial Chemical Industries Limited. (See Todd, William, assignor.)
- Imperial Chemical Industries Limited. (See Tonkin, R., and Wilson, assignors.)
- Imperial Chemical Industries Limited. (See Traill, David, assignor.)
- Imperial Chemical Industries Limited. (See Weale, Alfred, assignor.)
- Imperial Chemical Industries Limited. (See Whitworth, Edward, assignor.)

- Imperial Chemical Industries Limited. (See Williams, Vernon H., assignor.)
- Imperial Chemical Industries Limited. (See Woolcock, James W., assignor.)
- Imperial Chemical Industries Limited. (See Wyler, Max, assignor.)
- Imperial Chemical Industries Limited. (See Young, Kenneth W., assignor.)
- Imperial Machine Company. (See Pepper, Alrid B., assignor.)
- Imperial Manufacturing Co. (See Kretchmer, Otto, assignor.)
- Imperial Steel Products Corporation. (See Kessler, Ward P., assignor.)
- Imperial Tobacco Company (of Great Britain and Ireland) Limited. (See Downes-Shaw, A. H., Russell, and Stuchbery, assignors.)
- Improved Devices, Inc. (See Sage, Edwin R., assignor.)
- Improved Equipment-Russell Engineering Corporation. (See Niles, Glenn H., assignor.)
- Improved Products Manufacturing Co. (See Sokolof, William, assignor.)
- Improved Seamless Wire Company, The. (See Gibbs, Ralph F., assignor.)
- Imshaug, Arnold, assignor to The Goss Printing Press Company, Chicago, Ill. Folding. 2,018,855; Oct. 29.
- Incorporated Industries Limited. (See Dale, Albert A., assignor.)
- Indahl, Mauritz C., Rydal, Pa. Awning. 2,015,342; Sept. 24.
- Independent Air Filter Company. (See Dahlman, Verner, assignor.)
- Independent Grinding Wheel Company. (See Wilson, Cecil E., assignor.)
- Independent Lock Company. (See Falk, Morris, assignor.)
- Independent Pneumatic Tool Company. (See Hamerly, Frank B., assignor.)
- Independent Pneumatic Tool Company. (See Hultquist, Charles A., assignor.)
- Independent Pneumatic Tool Co. (See Norling, Reinhold A., assignor.)
- Indergand, Joseph, Baar, Switzerland, assignor to Landis & Gyr, A-G. Electricity meter. 2,003,939; June 4.
- India Rubber, Gutta Percha and Telegraph Works Company Limited, The. (See Tarris, Frederick J., assignor.)
- Indian Refining Company. (See Govers, Francis X., assignor.)
- Indian Refining Company. (See Kiser, Merrill, assignor.)
- Indiana Steel & Wire Company. (See Crapo, Frederick M., assignor.)
- Indiana Steel & Wire Company. (See Fowle, F. F., and Crapo, assignors.)
- Individual Drinking Cup Company. (See Seastrom, Erik G., assignor.)
- Indurated Concrete, Incorporated. (See Billner, Karl P., assignor.)
- Industrial Brownhoist Corporation. (See Cullen, John P., assignor.)
- Industrial Brownhoist Corporation. (See Larkworthy, Fred W., assignor.)
- Industrial Brownhoist Corporation. (See Taylor, Ernest W., assignor.)
- Industrial Chemical Sales Company. (See Lacy, P. B., Libby, and Metz, assignors.)
- Industrial Development Corporation. (See Wilkins, Richard A., assignor.)
- Industrial Dryer Corporation, The. (See Harris, Gordon D., assignor.)
- Industrial Dyestuff Company. (See Whitaker, Charles H. W., assignor.)
- Industrial Furnace Corporation. (See Gray, Martin P., assignor.)
- Industrial Furnace Corporation. (See Raven, F. A., and Foulke, assignors.)
- Industrial Patents Corporation. (See Bech, Joseph, assignor.)
- Industrial Patents Corporation. (See Bloom, O. T., and Paddock, assignors.)
- Industrial Patents Corporation. (See Hall, L. H., and Linton, assignors.)
- Industrial Patents Corporation. (See Ingram, R. L., and Adler, assignors.)
- Industrial Patents Corporation. (See Jensen, Lloyd B., assignor.)
- Industrial Patents Corporation. (See Lohner, Carl L., assignor.)
- Industrial Patents Corporation. (See McKee, Harry H., assignor.)
- Industrial Patents Corporation. (See McKee, H. H., and Lohner, assignors.)
- Industrial Patents Corporation. (See McKee, H. H., and Paddock, assignors.)
- Industrial Patents Corporation. (See Newton, R. C., and De Beukelaer, assignors.)
- Industrial Patents Corporation. (See Paddock, L. S., and Regensburger, assignors.)
- Industrial Patents Corporation. (See Phelps, G. W., and Bradley, assignors.)
- Industrial Patents Corporation. (See Regensburger, Richard W., assignor.)
- Industrial Patents Corporation. (See Richardson, K. M., and Harding, assignors.)
- Industrial Patents Corporation. (See Walter, Charles T., assignor.)
- Industrial Process Corporation. (See Minor, Henry R., assignor.)
- Industrial Rayon Corporation. (See Knebusch, W. F., and Hillix, assignors.)
- Industrial Rayon Corporation. (See terHorst, William P., assignor.)
- Industrial Research Laboratories, Ltd. (See Kormann, Frederick A., assignor.)
- Industrial Research Laboratories, Ltd. (See Kormann, F. A., and Hirsch, assignors.)
- Industrial Research, Limited. (See Snyder, F. H., and Maclaren, assignors.)
- Industrial Wheel Block Company. (See Hice, James S., assignor.)
- Industrie A.-G., Allegro. (See Barsch, Guillaume, assignor.)
- Industriemiska Aktiebolaget. (See Göth, Hans E. A., assignor.)
- Industriemiska Aktiebolaget. (See Öman, Erik, assignor.)
- Industry Issue and Finance Company Limited. (See Degemeyer, Franz, assignor.)
- Inertia Devices, Inc. (See Meginnis, Francis R., assignor.)
- Ingalls, Henry A., Bakersfield, Calif. Road construction. 2,012,566; Aug. 27.
- Ingalls, Henry A., Bakersfield, Calif. Road treating and surfacing apparatus. 2,022,287; Nov. 26.
- Ingalls Iron Works Company, The. (See Leigh, Alfred C., assignor.)
- Ingels, James J., Chicago, Ill. Method of and apparatus for making seamed pipe. 2,025,750; Dec. 31.
- Ingemanson, Franc, Kansas City, Mo. Freewheeling and positive gear control mechanism. 1,989,361; Jan. 29.
- Ingersoll, Ella I. (See Tatter, John W., assignor.)
- Ingersoll, Howard L. (See Davis, Harvey N., assignor.)
- Ingersoll Milling Machine Company, The. (See Caldwell, Harry J., assignor.)
- Ingersoll Milling Machine Company. (See Johnson, John R., assignor.)
- Ingersoll Milling Machine Company. (See Johnson, J. R., and Oberkoffen, assignors.)
- Ingersoll Milling Machine Co., The. (See Morgan, Everette K., assignor.)
- Ingersoll Milling Machine Company, The. (See Wiley, Robert E., assignor.)
- Ingersoll-Rand Company. (See Baker, Charles S., assignor.)
- Ingersoll-Rand Company. (See Church, William H., assignor.)
- Ingersoll-Rand Company. (See Church, W. H., Kidney, Hoff, and Trumpler, assignors.)
- Ingersoll-Rand Company. (See Fuehrer, George H., assignor.)
- Ingersoll-Rand Company. (See Haight, Harry V., assignor.)
- Ingersoll-Rand Company. (See Hansen, Charles C., assignor.)
- Ingersoll-Rand Company. (See Hornschuch, H., and McHugh, assignors.)
- Ingersoll-Rand Company. (See Jimerson, Francis A., assignor.)
- Ingersoll-Rand Company. (See Jones, J. W., and Cowles, assignors.)
- Ingersoll-Rand Company. (See Kirgan, John, assignor.)
- Ingersoll-Rand Company. (See Le Valley, John, assignor.)
- Ingersoll-Rand Company. (See McAllister, Raymond C., assignor.)
- Ingersoll-Rand Company. (See McClay, Gordon F., assignor.)
- Ingersoll-Rand Company. (See McHugh, Anthony L., assignor.)
- Ingersoll-Rand Company. (See Miller, R., and Newcomb, assignors.)
- Ingersoll-Rand Company. (See Nickel, William F., assignor.)
- Ingersoll-Rand Company. (See Parkhill, M. S., and Taylor, assignors.)
- Ingersoll-Rand Company. (See Peck, Caid H., assignor.)
- Ingersoll-Rand Company. (See Peters, A. E., and Slater, assignors.)
- Ingersoll-Rand Company. (See Slater, Fred M., assignor.)
- Ingersoll-Rand Company. (See Smith, William A., assignor.)
- Ingersoll-Rand Company. (See Smith, William A., Sr., assignor.)
- Ingersoll-Rand Company. (See Trumpler, William E., assignor.)
- Ingersoll, Roy C., and S. S. Battles, assignors to Ingersoll Steel & Disc Co., Chicago, Ill. Apparatus for rolling tapered metal articles. 1,995,149; Mar. 19.
- Ingersoll Steel and Disc Co. (See Battles, Stewart S., assignor.)
- Ingersoll Steel & Disc Co. (See Ingersoll, R. C., and Battles, assignors.)
- Ingersoll, Stephen L., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Evaporator for refrigerators. 2,023,201; Dec. 3.
- Ingle, Henry W., Windsor, assignor to Hartford-Empire Company, Hartford, Conn. High speed bottle making process. 2,003,940; June 4.
- Inglee, Lewis, Amityville, N. Y. Furring clip. 2,013,101; Sept. 3.

- Ingling, Frank L., Livingston, N. J. Handle connection for implements. 2,013,963; Sept. 10.
- Inman Manufacturing Company. (See Joslin, Frank M., assignor.)
- Ingman, Thomas M., Los Angeles, Calif. Apparatus for and process of developing film. 1,991,251; Feb. 12.
- Ingman, Thomas M., Los Angeles, Calif. Antidrag developing machine and method of developing film. 1,996,768; Apr. 9.
- Ingman, Thomas M., F. E. Garbutt, and L. M. Griffith, Los Angeles, Calif. Process of and apparatus for developing film. 1,991,249; Feb. 12.
- Ingmanson, John H., Rahway, N. J., and G. S. Mueller, Richmond Hill, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Treating gutta percha. 2,002,204; May 21.
- Ingraham, Charles C., Minneapolis, Minn., assignor to Hart-Carter Company, Peoria, Ill. Grain separating machine. 2,015,400; Sept. 24.
- Ingraham, Dudley S., assignor to The E. Ingraham Company, Bristol, Conn. Regulator for time-instruments. 1,995,511; Mar. 26.
- Ingraham, Dudley S., assignor to The E. Ingraham Company, Bristol, Conn. Modulated alarm clock. 2,003,785; June 4.
- Ingraham, E., Company, The. (See Burghoff, Louis L., assignor.)
- Ingraham, E., Company, The. (See Carlson, E. L., assignor.)
- Ingraham, E., Company, The. (See Carlson, E. L., and Poole, assignors.)
- Ingraham, E., The, Company. (See Carson, E. L., assignor.)
- Ingraham, E., Company, The. (See Hansen, Julius W., assignor.)
- Ingraham, E., Company, The. (See Ingraham, Dudley S., assignor.)
- Ingraham, E., Company, The. (See Poole, Arthur B., assignor.)
- Ingraham, Elmer C., Hampstead, N. H. Apparatus for conditioning material. 1,992,007; Feb. 19.
- Ingram, Harold P., Pittsburgh, Pa. Shape rolling. 1,994,711; Mar. 19.
- Ingram, Harry, Brooklyn, N. Y. Closure cap for tumblers, bottles, jars, and other receptacles. 2,005,318; June 18.
- Ingram, John, Clarkelen, assignor of one-third to C. M. Reuyolds, Savageton, Wyo. Valve stem assembly. 1,995,100; Mar. 19.
- Ingram, Robert L., and H. P. Adler, assignors to Industrial Patents Corporation, Chicago, Ill. Meat holder. 2,004,757; June 11.
- Ingram, Walter M., assignor to Millie Patent Holding Co., Inc., New York, N. Y. Cloth feeding mechanism for bag forming device. 1,996,204; Apr. 2.
- Ingram, Walter M., assignor to Millie Patent Holding Co., Inc., New York, N. Y. Nontangling tea bag and the like. 2,010,993; Aug. 13.
- Ingram, Walter M., assignor to Millie Patent Holding Co., Inc., New York, N. Y. Continuous motion receptacle forming and filling machine. 2,015,075; Sept. 24.
- Ingram, Walter M., assignor to Millie Patent Holding Co., Inc., New York, N. Y. Bag filling mechanism. 2,015,853; Oct. 1.
- Ingram, Walter M., assignor to Millie Patent Holding Co., Inc., New York, N. Y. Nontangling tea bag. 2,015,854; Oct. 1.
- Ingvaldsen, Johan F. I., and E. A. D. Levring, Copenhagen, Denmark, assignors to J. R. Carp, Amsterdam, Netherlands, and A. A. Ruben, Berlin-Charlottenburg, Germany. Refrigerating apparatus for the storage and preservation of food, delicacies, and the like. 1,993,328; Mar. 5.
- Ingwer, Carl H., Elyria, Ohio. Overshoe. 2,024,766; Dec. 17.
- Ingwer, Carl H., assignor to The I. T. S. Company, Elyria, Ohio. Composite rubber article. 1,987,573; Jan. 8.
- Initiator Corporation. (See Wolff, H. S., and Cave, assignors.)
- Inkset Products Inc. (See Wood, Harold P., assignor.)
- Inland Manufacturing Company. (See Sampson, Frederick W., assignor.)
- Inland Steel Company. (See Smith, Wallace W., assignor.)
- Inland Steel Company. (See Sykes, Wilfred, assignor.)
- Inman, Clark H., and C. R. Le Compte, Lakewood; said Inman assignor of his right to E. Inman, Lakewood Township, Ocean County, N. J. Dropping board cleaner or scraper. 1,987,298; Jan. 8.
- Inman, Ethel. (See Inman, C. H., and Le Compte, assignors.)
- Inman, Frank, Rockford, Ill. Meat-tendering device. 1,997,795; Apr. 16.
- Inman, George E., East Cleveland, Ohio, assignor to General Electric Company. Electric lamp. 2,017,719; Oct. 15.
- Inman, Harry A., Newark, N. J. Container construction. 1,987,108; Jan. 8.
- Inman Manufacturing Company. (See Joslin, Frank M., assignor.)
- Inman, Marcus T., West Nyack, N. Y., assignor to Clarence P. Byrnes, Sewickley, Pa. Insecticide and fungicide and making the same. 2,011,765; Aug. 20.
- Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Container. 1,996,997; Apr. 9.
- Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Article holder. 2,004,326; June 11.
- Inman, William H., and G. E. Weinman, assignors to Bloomer Bros. Company, Newark, N. Y. Carton embossing apparatus. 2,024,365; Dec. 17.
- Innes, Robert, Coldbrook, Nova Scotia, Canada. Blotting attachment for pens. 2,004,870; June 11.
- Innis, Robert I., Winthrop, Mass. Sanitary attachment lining for containers. 1,992,008; Feb. 19.
- Innovation Brakes, Inc. (See Shelor, Frederick L., assignor.)
- Inside Tray Company. (See Mitchell, Orville, assignor.)
- Insinger Company, The. (See Kelly, Matthew L., assignor.)
- Insley Manufacturing Company. (See Hinkle, A. H., and Rasmussen, assignors.)
- Insley Manufacturing Company. (See Rasmussen, A. C., Dorward, and Ray, assignors.)
- Institute of American Meat Packers. (See Regensburger, Richard W., assignor.)
- Insulated Steel Construction Company. (See Higley, Frank R., assignor.)
- Insulte Company, The. (See Brill, P. B., and Ellis, assignors.)
- Insulte Company, The. (See Ellis, George H., assignor.)
- Interchangeable Knives (Wright) Limited. (See Wright, Walter H., and W. M., assignors.)
- Interchangeable Signs, Inc. (See Sorensen, M. A., and Berglund, assignors.)
- Interlake Tissue Mills, Co., Limited. (See Carruthers, George, assignor.)
- Interlake Tissue Mills Co., Limited. (See Carruthers, G., and Rudell, assignors.)
- International Banding Machine Company. (See Maxwell, Charles G., assignor.)
- International Bitumenoil Corporation. (See Vandegrift, James N., assignor.)
- International Bitumenoil Corporation. (See Vandegrift, J. N., and Postel, assignors.)
- International Business Machines Corporation. (See Armbruster, John W., assignor.)
- International Business Machines Corporation. (See Ayres, Waldemar, assignor.)
- International Business Machines Corporation. (See Breden, C. E., and Haskins, assignors.)
- International Business Machines Corporation. (See Bryce, James W., assignor.)
- International Business Machines Corporation. (See Buhler, Eugene, assignor.)
- International Business Machines Corporation. (See Campbell, Charles, assignor.)
- International Business Machines Corporation. (See Carroll, Fred M., assignor.)
- International Business Machines Corporation. (See Cunningham, James M., assignor.)
- International Business Machines Corporation. (See Daly, George F., assignor.)
- International Business Machines Corporation. (See Daly, G. F., and Lowkrantz, assignors.)
- International Business Machines Corporation. (See Diesenberg, W. G., and Johnston, assignors.)
- International Business Machines Corporation. (See Eichenaue, Conrad, assignor.)
- International Business Machines Corporation. (See Fiehl, Michael, assignor.)
- International Business Machines Corporation. (See Ford, Eugene A., assignor.)
- International Business Machines Corporation. (See Friden, Carl M. F., assignor.)
- International Business Machines Corporation. (See Fuller, Frederick L., assignor.)
- International Business Machines Corporation. (See Furman, Frank J., assignor.)
- International Business Machines Corporation. (See Gilbert, William N., assignor.)
- International Business Machines Corporation. (See Gilbert, W. N., and Gumpich, assignors.)
- International Business Machines Corporation. (See Gilbert, W. N., and Haskins, assignors.)
- International Business Machines Corporation. (See Gumpich, William, assignor.)
- International Business Machines Corporation. (See Haskins, Clifford B., assignor.)
- International Business Machines Corporation. (See Haskins, Clifford D., assignor.)
- International Business Machines Corporation. (See Johnson, Reynold B., assignor.)
- International Business Machines Corporation. (See Keen, Harold H., assignor.)
- International Business Machines Corporation. (See Kirkegaard, Einar L., assignor.)
- International Business Machines Corporation. (See Knutson, Irving B., assignor.)
- International Business Machines Corporation. (See Kölm, Ulrich, assignor.)
- International Business Machines Corporation. (See Kolm, U., and Kothner, assignors.)
- International Business Machines Corporation. (See Lake, Clair D., assignor.)
- International Business Machines Corporation. (See Lake, C. D., and Daly, assignors.)
- International Business Machines Corporation. (See Lake, C. D., and Lowkrantz, assignors.)
- International Business Machines Corporation. (See Lemon, Walter S., assignor.)

- International Business Machines Corp. (See Lemmon, W. S., and Fitch, assignors.)
 International Business Machines Corporation. (See Maul, Michael, assignor.)
 International Business Machines Corporation. (See Mills, Albert W., assignor.)
 International Business Machines Corporation. (See Ogsbury, James S., assignor.)
 International Business Machines Corporation. (See Page, Ralph E., assignor.)
 International Business Machines Corporation. (See Peirce, John R., assignor.)
 International Business Machines Corporation. (See Rabenda, Edward J., assignor.)
 International Business Machines Corporation. (See Reusenzehn, Ernest A., assignor.)
 International Business Machines Corporation. (See Rieger, Paul, assignor.)
 International Business Machines Corporation. (See Schaaß, John T., assignor.)
 International Business Machines Corporation. (See Schaper, Harry C., assignor.)
 International Business Machines Corporation. (See Sprecker, Alfred L., assignor.)
 International Business Machines Corporation. (See Tauschek, Gustav, assignor.)
 International Business Machines Corporation. (See Von Lein, Edward J., assignor.)
 International Business Machines Corporation. (See Warren, Richard, assignor.)
 International Business Machines Corporation. (See Watson, Thomas J., assignor.)
 International Business Machines Corporation. (See Weinlich, H. A., and Kölm, assignors.)
 International Business Machines Corporation. (See Wellman, Charles O., assignor.)
 International Business Machines Corporation. (See Wells, Gordon S., assignor.)
 International Business Machines Corporation. (See Wood, George R., assignor.)
 International Carbonic Engineering Company. (See Cole, H. W., and McLaren, assignors.)
 International Carbonic Engineering Company. (See Du Bois, Ernest, assignor.)
 International Carbonic Engineering Company. (See Rufener, H., and Eichmann, assignors.)
 International Cellucotton Products Company. (See Fourness, Charles A., assignor.)
 International Cement Corporation. (See Avnsoe, Thor-kild, assignor.)
 International Cement Corporation. (See Durbin, H. R., and Posselt, assignors.)
 International Check Endorser Co., The. (See Lyman, W. H., and Fischel, assignors.)
 International Check Endorser Co., The. (See Rix, Edward G., assignor.)
 International Check Endorser Co., The. (See Rix, E. G., and Lyman, assignors.)
 International Cigar Machinery Company. (See Beutel, Robert J., assignor.)
 International Cigar Machinery Company. (See Carlson, Ujalmar E., assignor.)
 International Cigar Machinery Company. (See Halstead, John F., assignor.)
 International Cigar Machinery Company. (See Nejedly, Peter M., assignor.)
 International Cigar Machinery Company. (See Neumair, Joseph A., assignor.)
 International Cigar Machinery Company. (See Pedersen, Mathias, assignor.)
 International Cigar Machinery Company. (See Wheeler, Henry H., assignor.)
 International Combustion Engineering Corporation. (See De Baufre, William L., assignor.)
 International Combustion Engineering Corporation. (See Krause, Fred J., assignor.)
 International Combustion Engineering Corporation. (See Toensfeldt, Kurt, assignor.)
 International Combustion Engineering Corporation. (See Vogel, William J., assignor.)
 International Combustion Engineering Corporation. (See Wood, Wilfred R., assignor.)
 International Communications Laboratories, Inc. (See Cassidy, William F., Jr., assignor.)
 International Communications Laboratories, Inc. (See Macalpine, William W., assignor.)
 International Communications Laboratories, Inc. (See Nickl, Edwin F., assignor.)
 International Communications Laboratories, Inc. (See O'Neill, Henry W., assignor.)
 International Communications Laboratories, Inc. (See Parts, Earl G., assignor.)
 International Communications Laboratories, Inc. (See Reppert, Hugh E., assignor.)
 International Communications Laboratories, Inc. (See Smith, Clyde, assignor.)
 International Communication Laboratories, Inc. (See Suydam, Clinton H., assignor.)
 International Corset Company. (See Schopbach, C. H., and Weber, assignors.)
 International Cosmetic Company. (See Duell, Charles H., assignor.)
 International Engineering Corporation. (See Broege, Robert J., assignor.)
 International Engineering, Inc. (See Johnston, William W., assignor.)
 International Exterminator Company. (See Thorne, C. L., and Tenney, assignors.)
 International Harvester Company. (See Allan, J. R., and Amos, assignors.)
 International Harvester Company. (See Allan, J. R., and Zimmerman, assignors.)
 International Harvester Company. (See Baker, D. B., Panzegrau, and Rogers, assignors.)
 International Harvester Company. (See Bechman, William O., assignor.)
 International Harvester Company. (See Benjamin, Bert R., assignor.)
 International Harvester Company. (See Benjamin, B. R., and Zimmerman, assignors.)
 International Harvester Company. (See Borgerd, William F., assignor.)
 International Harvester Company. (See Borgerd, W. F., and Uherek, assignors.)
 International Harvester Company. (See Crumb, C. F., and Hilblom, assignors.)
 International Harvester Company. (See Dwyer, William C., assignor.)
 International Harvester Company. (See Graham, William S., assignor.)
 International Harvester Company. (See Hodsdon, Floyd G., assignor.)
 International Harvester Company. (See Hyman, Benjamin M., assignor.)
 International Harvester Company. (See Jahnke, Charles B., assignor.)
 International Harvester Company. (See Johnson, Arnold E. W., assignor.)
 International Harvester Company. (See Johnston, Edward A., assignor.)
 International Harvester Company. (See Johnston, E. A., and Baker, assignors.)
 International Harvester Company. (See Johnston, E. A., Raney and Johnson, assignors.)
 International Harvester Company. (See Johnston, E. A., Raney, and Millard, assignors.)
 International Harvester Company. (See Kane, Paul, assignor.)
 International Harvester Company. (See Kowalsky, Andrew, assignor.)
 International Harvester Company. (See Krieg, A., and Bundy, assignors.)
 International Harvester Company. (See Kriegbaum, G. M., and Haas, assignors.)
 International Harvester Company. (See Kriegbaum, G. M., and Morris, assignors.)
 International Harvester Company. (See Lindgren, Alexis C., assignor.)
 International Harvester Company. (See MacDonald, Raymore, D., assignor.)
 International Harvester Company. (See McNamara, Gordon G., assignor.)
 International Harvester Company. (See Merwin, George M., assignor.)
 International Harvester Company. (See Millard, Lee P., assignor.)
 International Harvester Company. (See Morkovski, James, assignor.)
 International Harvester Company. (See Mowry, Edward, assignor.)
 International Harvester Company. (See Panzegrau, Norman O., assignor.)
 International Harvester Company. (See Panzegrau, N. O., and Rosenthal, assignors.)
 International Harvester Company. (See Parsons, Harry N., assignor.)
 International Harvester Company. (See Pearson, Charles, assignor.)
 International Harvester Company. (See Roscoe, M. W., and Crumb, assignors.)
 International Harvester Company. (See Sandstrom, Felix C., assignor.)
 International Harvester Company. (See Scarlett, Arthur A., assignor.)
 International Harvester Company. (See Smith, Hiram P., assignor.)
 International Harvester Company. (See Smith, Lewis E., assignor.)
 International Harvester Company. (See Statz, Frank A., assignor.)
 International Harvester Company. (See Stewart, J. M., Hamm, and Cooney, assignors.)
 International Harvester Company. (See Thompson, Frank, assignor.)
 International Harvester Company. (See Turner, Harold H., assignor.)
 International Harvester Company. (See Welty, Albert B., assignor.)
 International Latex Corporation. (See Gammeter, John R., assignor.)
 International Mailing Tube and Wrapper Company. (See Greve, Herman L., assignor.)
 International Milling Company. (See Bean, Francis A., assignor.)
 International Motor Company. (See Bernard, Harry, assignor.)
 International Motor Company. (See Duesler, George O., assignor.)

- International Motor Company. (See Loeffler, Bruno, assignor.)
- International Motor Company. (See Manville, Keith R., assignor.)
- International Motor Company. (See Masury, Alfred F., assignor.)
- International Motor Company. (See Matthews, J. L., and Hansen, assignors.)
- International Motor Company. (See Matthews, Philip E., assignor.)
- International Motor Company. (See Post, Edwin M., assignor.)
- International Motor Company. (See Post, E. M. Jr., and Hanshow, assignors.)
- International Motor Company. (See Robbins, Azor D., assignor.)
- International Motor Company. (See Sargent, Richard B., assignor.)
- International Motor Company. (See Ucko, Bernard, assignor.)
- International Motor Company. (See Walker, John, assignor.)
- International Motor Company. (See Whittemore, F. B., and Perkins, assignors.)
- International Motor Company. (See Wirrer Gottfried, assignor.)
- International Motor Company. (See Yeager, Thomas M. E., assignor.)
- International Nickel Company, The. (See Fraser, H. J., Owens, Jenckes, and Lenhart, assignors.)
- International Nickel Company, The. (See Merica, P. D., Vanick and Wickenden, assignors.)
- International Nickel Company, The. (See Raper, Alan R., assignor.)
- International Nickel Company, Inc. (See Wise, Edmund, M., assignor.)
- International Oil Gas Corporation. (See Harris, Leonard B., assignor.)
- International Oil Lamp and Stove, Limited. (See Scott-Snell, E., and Gibson, assignors.)
- International Paper Company. (See Campbell, J., and Rolleston, assignors.)
- International Paper Company. (See Cline, Max, assignor.)
- International Paper Co. (See Mahannah, Everett A., assignor.)
- International Paper Company. (See Masten, Ralph A., assignor.)
- International Paper Company. (See Sanborn, Joseph R., assignor.)
- International Patents Development Company. (See Chalmers, George W., assignor.)
- International Patents Development Company. (See Dival, Edgar F., assignor.)
- International Patents Development Company. (See Kelling, Alfred H., assignor.)
- International Patents Development Company. (See Linn, David E., assignor.)
- International Precipitation Company. (See Anderson, Evald, assignor.)
- International Precipitation Company. (See Deutsch, Walther, assignor.)
- International Precipitation Company. (See Heinrich, Richard, assignor.)
- International Precipitation Company. (See Heinrich R., and Feldmann, assignors.)
- International Precipitation Company. (See Horne, G. H., and Lissman, assignors.)
- International Precipitation Company. (See Lissman, Marcel A., assignor.)
- International Precipitation Company. (See Weiskopf, Charles H., assignor.)
- International Printing Ink Corporation, The. (See McLeod, Earl H., assignor.)
- International Projector Corporation. (See Boecking, Ewald, assignor.)
- International Projector Corporation. (See Kindlemann, A., and Boecking, assignors.)
- International Projector Corporation. (See Kindlemann, A., and Pearlman, assignors.)
- International Projector Corporation. (See Kindlemann, A., and Ragot, assignors.)
- International Projector Corporation. (See Pondelicek, Jerry, assignor.)
- International Projector Corporation. (See Trout, George H., assignor.)
- International Proprietaries, Incorporated, et al. (See Welch, William E., assignor.)
- International Radiophone Corporation. (See Polin, Herbert S., assignor.)
- International Register Company. (See Thompson, A. B., and Graves, assignors.)
- International Research Corporation. (See Wuerfel, Robert P., assignor.)
- International Resistance Company. (See Weiskopf, Marcus W., assignor.)
- International Seal and Knot Protector Co., The. (See Keidel, Frank, assignor.)
- International Shoe Company. (See Britton, Glenn B., assignor.)
- International Shoe Company. (See Worthington, Edgar G., assignor.)
- International Silver Company. (See Conroy, Edward J., assignor.)
- International Silver Company. (See Helander, Lillian V. M., assignor.)
- International Silver Company. (See Kintz, Alfred G., assignor.)
- International Silver Company. (See Kintz, A. G., and Stark, assignors.)
- International Silver Company. (See Theobald, Jean G., assignor.)
- International-Stacey Corporation. (See Bloss, R. R., and Pfeil, assignors.)
- International-Stacey Corporation. (See Schuler, Charles E., assignor.)
- International Standard Electric Corporation. (See Elsome-Jones, Ronald J., assignor.)
- International Standard Electric Corporation. (See Reeves, Alec H., assignor.)
- International Steel Wool Corp. (See Galvin, Charles E., assignor.)
- International Tobis Maatschappij, N. V. (See Freund, Berthold, assignor.)
- Internationale Galalith-Gesellschaft Hoff & Co. (See Dumont, Henri, assignor.)
- Internationale Patentverwertungs-Gesellschaft m. b. H., et al. (See Lellep, Otto, assignor.)
- Intertype Corporation. (See Freund, Herman R., assignor.)
- Intertype Corporation. (See Freund, H. R., and Sperry, assignors.)
- Intertype Corporation. (See Klingberg, Einar G., assignor.)
- Intertype Corporation. (See Smyle, Bernhard, assignor.)
- Intertype Corporation. (See Sperry, Samuel E., assignor.)
- Intertype Corporation. (See Turner, R. H., and Willis, assignors.)
- Intertype Corporation. (See Williams, William, assignor.)
- Intertype Corporation. (See Willis, Le Roy W., assignor.)
- Introvigne, Domenic J. (See Bean, C. E., and Introvigne.)
- Inventia Patent-Verwertungs-Gesellschaft. (See Edström, Eric, assignor.)
- Inventions Exploitation Corporation, The, et al. (See Speakman, William G., assignor.)
- Inventions Holding Corporation. (See Fox, Ansley H., assignor.)
- Investors Industries, Inc. (See Brown, Fenby T., assignor.)
- Invex Corporation. (See Craig, Palmer H., assignor.)
- Io-Dow Chemical Company. (See Girvin, Charles W., assignor.)
- Iowa Fiber Box Company, et al. (See Goetz, William F., assignor.)
- Iowa Fiber Box Company, et al. (See Petersen, Karl W., assignor.)
- Iowa Manufacturing Co. (See Pollitz, Harold C., assignor.)
- Iowa State College of Agricultural and Mechanical Arts. (See Werkman, C. H., Rayburn, and Hixon, assignors.)
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 1,993,512; Mar. 5.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 1,993,513; Mar. 5.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,001,906; May 21.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 2,001,907; May 21.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,001,908; May 21.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,001,909; May 21.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,001,910; May 21.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of hydrocarbons. 2,005,861; June 25.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oil. 2,006,695; July 2.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Catalysts. 2,018,065; Oct. 22.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,018,066; Oct. 22.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,020,649; Nov. 12.
- Ipatieff, Vladimir, and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Synthesis of hydrocarbons. 1,994,249; Mar. 12.
- Ipsold, Victor, Vienna, Austria, assignor to Technik & Investment A.-G., Vaduz, Liechtenstein. Burner for liquid fuel. 2,001,611; May 14.
- Ipsen, Charles M. (See Strandberg, A. K., Weber, and Ipsen.)
- Irany, Ernest P., Shawinigan Falls, Quebec, assignor to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Polyvinyl resinous composition and making same. 2,016,202; Oct. 1.
- Irean, Ellison S., assignor to Illinois Watch Case Company, Elgin, Ill. Container lid. 2,003,540; June 4.

- Ireland, Ellison S., assignor to Illinois Watch Case Company, Elgin, Ill. Combination cigarette-lighter case. 2,019,678; Nov. 5.
- Ireland, Ellison S. and R. J. Krabbe, assignors to Illinois Watch Case Company, Elgin, Ill. Display case. 2,001,820; May 21.
- Ireland, Joseph C., Stillwater, Okla. Camera control. 1,986,398; Jan. 1.
- Ireland, Murray, assignor to Waters-Genter Company, Minneapolis, Minn. Toaster. 2,001,362; May 14.
- Ireland, Murray, Minneapolis, Minn., assignor, by mesne assignments, to McGraw Electric Company, Chicago, Ill. Heating element. 2,012,788; Aug. 27.
- Ireland, Thomas H., Rockville Center, N. Y. Fluid heater. 2,016,746; Oct. 8.
- Ireland, Thomas H., Rockville Centre, N. Y. Heat exchanger. 2,021,009; Nov. 12.
- Irey, Kenneth M. (See Swallen, L. C., and Irey.)
- Irey, Kenneth M., New Brunswick, N. J., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Cellulose acetate composition and plasticizer therefor. 2,020,247; Nov. 5.
- Irgens, Finn T., Wauwatosa, assignor to Outboard Motors Corporation, Milwaukee, Wis. Bearing. 1,986,150; Jan. 1.
- Irgens, Finn T., Wauwatosa, assignor to Outboard Motors Corporation, Milwaukee, Wis. Lower unit for outboard motors. 1,987,906; Jan. 15.
- Irgens, Finn T., Wauwatosa, assignor to Outboard Motors Corporation, Milwaukee, Wis. Engine lubrication. 1,998,723; Apr. 23.
- Irgens, Finn T., Wauwatosa, assignor to Outboard Motors Corporation, Milwaukee, Wis. Vibration absorbing means for outboard motor tillers. 1,999,694; Apr. 30.
- Irgens, Finn T., Wauwatosa, assignor to Outboard Motors Corporation, Milwaukee, Wis. Lower unit for outboard motors. 2,021,309; Nov. 19.
- Irion, Wilhelm. (See Hubert, E., Irion, and Mahn.)
- Irion, Wilhelm. (See Mahn, H., and Irion.)
- Irion, Wilhelm, and H. Mahn, Dessau-in-Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of fibroin solutions. 2,002,063; May 21.
- Iris Knitting Corporation. (See Gingrich, Harry C., assignor.)
- Iris-Licht G. m. b. H. (See Lebedenko, N., Levy, and Zeitlin, assignors.)
- Irish, Frank L. (See Taylor, W. J., Boudreau, and Irish.)
- Irish, Russell E., Pittsburgh, Pa. Blowpipe. 1,988,123; Jan. 15.
- Irmis, Benjamin E., Chicago, Ill. Securing dies, tools, etc., to mounting plates. 1,995,711; Mar. 26.
- Irmis, Benjamin E., Chicago, Ill. Mounting plate for tools, dies, etc., for presses. 2,009,660; July 30.
- Irmischer, Hans. (See Hirschhorn, L., and Irmischer.)
- Irmischer, Hans, assignor to Millie Patent Holding Co. Inc., New York, N. Y. Feeding mechanism for printing presses. 2,003,364; June 4.
- Irmischer, Hans, assignor to Millie Patent Holding Co. Inc., New York, N. Y. Nontangling tea bag machine. 2,006,356; July 2.
- Irmischer, Hans, assignor to Millie Patent Holding Co. Inc., New York, N. Y. Bag forming, handling, and filling mechanism. 2,010,994; Aug. 13.
- Ironsides, Frederick N., Oakland, Calif., assignor of one-half to T. M. Towne, Cleveland, Ohio. Liquid handling device. 1,986,476; Jan. 1.
- Irsch, George J., Harvey, and W. B. Stephenson, Chicago, Ill. Automatic draft controller. 2,004,947; June 18.
- Irsch, George J., Harvey, and W. B. Stephenson, Chicago, Ill. Automatic draft controller. 2,004,948; June 18.
- Irvin, Leslie L., Letchworth, Herts, England, assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute apparatus. 2,016,235; Oct. 1.
- Irvin, Leslie L., Letchworth, Herts, England, assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute apparatus. 2,016,236; Oct. 1.
- Irvin, Leslie L., Letchworth, Herts, England, assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute pack release mechanism. 2,026,314; Dec. 31.
- Irvin, Robert R., Milwaukee, Wis., assignor, by mesne assignments, to Davis Cheese Company. Preparing grated cheese products. 1,997,866; Apr. 16.
- Irvin, Theodore, and J. A. Pearce, Philadelphia, Pa. Spark plug. 1,998,158; Apr. 16.
- Irvine, Charles, Toronto, Ontario, Canada. Snuffer for oil lamps and lanterns. 2,022,719; Dec. 3.
- Irvine, William L., Brooklyn, assignor to The American Sugar Refining Company, New York, N. Y. Cutting mechanism. 1,995,712; Mar. 26.
- Irving Air Chute Company. (See Irvin, Leslie L., assignor.)
- Irving Air Chute Company Incorporated. (See Kulemann, Stig O. C., assignor.)
- Irving, Ellery, East Orange, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Carrier for pneumatic tube systems. 2,016,203; Oct. 1.
- Irving, Ellery, East Orange, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Removable closure assembly for pneumatic carriers. 2,019,858; Nov. 5.
- Irving, Francis. (See Hellbron, I. M., and Irving.)
- Irving, Philip L. (See Mueller, O. B., Rader, Proctor, and Irving.)
- Irving, Philip L., assignor to Mueller Brass Co., Port Huron, Mich. Valve. 2,001,251; May 14.
- Irving Trust Company, permanent trustee. (See De Manna, Nicholas, assignor.)
- Irving Trust Company, permanent trustees. (See Eckhard, William K., assignor.)
- Irving Trust Company, permanent trustee. (See Harold, John J.)
- Irving Trust Company, Permanent trustee. (See Horton, Albert J.)
- Irving Trust Company, Permanent trustee. (See Huck, William E., assignor.)
- Irving Trust Company, permanent trustee. (See Huck, William F., assignor.)
- Irving Trust Company, Permanent Trustee. (See Lamatsch, Frederick, assignor.)
- Irving Trust Company, permanent trustee. (See Lougee, Frederick G., assignor.)
- Irving Trust Company, permanent trustee. (See Lougee, F. G., and Pattinson, assignors.)
- Irving Trust Company, permanent trustee. (See Lundquist, A., and Andersen, assignors.)
- Irving Trust Company, permanent trustee. (See Meyer, Joseph E., assignor.)
- Irving Trust Company, permanent trustee. (See Quick, C. G., and Bennett, assignors.)
- Irving Trust Company, permanent trustee. (See Quick, C. G., Ball and Whitehead, assignors.)
- Irving Trust Company, Permanent Trustee. (See Smyth-erman, Harold, assignor.)
- Irving Trust Company, permanent trustee. (See Spillane, James D., assignor.)
- Irving Trust Company, Permanent Trustee. (See Tomlin, John R., assignor.)
- Irving Trust Company, permanent trustee. (See Tomlin, J. R., and Ball, assignors.)
- Irving Trust Company, Permanent Trustee. (See Tomlin, J. R., and Horton, assignors.)
- Irving Trust Company, permanent trustee. (See Tomlin, J. R., and Lundquist, assignors.)
- Irving Trust Company, permanent trustee. (See White, Bruce C., assignor.)
- Irving Trust Company, permanent trustee. (See Zuckerman, Adolph M., assignor.)
- Irving Trust Company, receiver. (See Horton, Albert J.)
- Irving Trust Company, receiver. (See Quick, C. G., Ball, and Bennett, assignors.)
- Irving Trust Company, receiver, et al. (See Strain, William J., assignor.)
- Irving Trust Company, temporary trustee. (See Mahon, Michael, assignor.)
- Irving Trust Company, trustee. (See Boaz, Arthur R., assignor.)
- Irving Trust Company, Trustee. (See Edwards, Robert T., assignor.)
- Irving Trust Company, Trustee. (See Lengel, A. L., and Beveridge, assignors.)
- Irving Trust Company, trustee. (See Meyer, Joseph E., assignor.)
- Irving Trust Company, trustee. (See Morris, Edward T., assignor.)
- Irving, Walter E., Glenbrook, Conn. Bridge. 1,991,154; Feb. 12.
- Irwin, John P., Rocky River, and G. B. Garrett, Lakewood, Ohio. Apparatus for treating gas. 2,024,226; Dec. 17.
- Irwin, Lawrence C., Garden City, assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Balanced valve. 1,998,239; Apr. 16.
- Isaac, Elias, et al. (See Broussard, Charles J., assignor.)
- Isaacs, Silas, Florence, assignor to Harold W. Bell, Camden, N. Y. Cigarette holder and igniter. 1,994,712; Mar. 19.
- Isaacs, Stanley M., et al. executor. (See Rise, Louis W.)
- Isaacson Iron Works. (See Sherman, Ray C., assignor.)
- Isaacson, Oscar G., St. Paul, Minn. Refrigerator. 1,988,042; Jan. 15.
- Isabella, Gioachino B., Turin, Italy. Device for the cleaning of grooved rails. 1,990,029; Feb. 5.
- Isacson, Oscar L., Gothenburg, Sweden. Box for packing eggs and similar fragile objects. 2,019,414; Oct. 29.
- Italy Dairy Company, The. (See Jennings, Samuel, Jr., assignor.)
- Isbell, John A., Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Bearing for printing press couples. 2,017,972; Oct. 22.
- Ischinger, Alfred E., Mount Penn, assignor to Narrow Fabric Company, West Reading, Pa. Packet dispensing device. 1,989,806; Feb. 5.
- Ischinger, Alfred E., Mount Penn, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Knitted fabric and article of wearing apparel made therefrom. 1,992,667; Feb. 26.
- Iscro Chemical Company. (See Ladd, Edward T., assignor.)
- Iselin, Harry, Racine, Wis. Beer container and cooler. 2,003,050; May 28.
- Isenberg, Hans D., Chicago, Ill. Spool and coil body. 1,997,641; Apr. 16.
- Isenberg, Stanley, Chicago, Ill., assignor to A. M. Andrews, New York, N. Y. Cigarette lighter. 2,016,901; Oct. 8.
- Isenberger, Herman R., et al. (See Crannell, Charles W., assignor.)
- Isenhour, Russell R., Geneva, N. Y. Changeable sign. 2,006,573; July 2.
- Isgur, Louis, assignor to E. Van Noorden Company, Boston, Mass. Flashing. 1,989,234; Jan. 29.

- Isham, Robert M., assignor of three-fourths to W. B. Pine, Okmulgee, Okla. Alkylation of aromatic bodies. 2,014,766; Sept. 17.
- Isham, Robert M., assignor of three-fourths to W. B. Pine, Okmulgee, Okla. Manufacture of alkylated sulponic acids and esters. 2,017,803; Oct. 15.
- Ishidate, Morizo. (See Tamura, K., Kihara, Asahina, and Ishidate.)
- Isidin, Benedict, Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Wheel. 2,016,435; Oct. 8.
- Iskyan, George S., Elmhurst, assignor to G. M. Manufacturing Co., Inc., Long Island City, N. Y. Oil-spray gun and the like. 1,986,343; Jan. 1.
- Isler, Herman R., Norwood, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Machine tool drive. 2,002,816; May 28.
- Isler, Theodor. (See Dossena, Gaetano E., assignor.)
- Isley, Gilbert W., Cleveland, Ohio. Receding door. 2,026,043; Dec. 31.
- Isman, Umberto, Trieste, Italy. The manufacture of tubes of cement material. 2,008,074; July 16.
- Isom, Benjamin O., assignor to Hutto Engineering Company, Inc., Detroit, Mich. Grinding apparatus. 2,004,949; June 18.
- Isom, Edward W., Scarsdale, assignor to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbons. 1,992,616; Feb. 26.
- Isom, Edward W., Scarsdale, assignor to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbon oils. 2,013,803; Sept. 10.
- Isom, Edward W., Scarsdale, assignor to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbon oils. 2,026,231; Dec. 31.
- Isom, Langley W. (See Tucker, G. R., and Isom.)
- Isothermos, Corporation of America. (See Grandjean, Georges, assignor.)
- Israel, Dorman D., Cincinnati, Ohio. Volume control method and apparatus. 2,012,392; Aug. 27.
- Israel, Elias, New York, N. Y. Protector for hat sweatbands. 2,024,366; Dec. 17.
- Israel, Henry M., Brooklyn, N. Y. Turntable tray for card games. 2,008,829; July 23.
- Israel, Jack, Inc. (See Banner, Abraham, assignor.)
- Ithaca Gun Company. (See Howland, H. E., and Smith, assignors.)
- Ito, Masaji, Sumaura-Dori, Suma-Ku, Kohe, assignor to Kabushiki Kaisha Kawasaki Zosensho (Kawasaki Dockyard Co. Ltd.), Higashi Kawasaki Machi, Minatohigashi-Ku, Kobe, Japan. Flash butt welding apparatus. 1,995,001; Mar. 19.
- Ito, Masaji, Sumaura-Dori, Suma-Ku, Kobe, assignor to Kabushiki Kaisha Kawasaki Zosensho (Kawasaki Dockyard Co. Ltd.), Kobe, Japan. Flash butt welding. 2,018,263; Oct. 22.
- Iuliano, Gaetano, Newark, N. J. Button fastener. 2,025,663; Dec. 24.
- Ivandick, Mathew G., Waukegan, Ill. Locking gas cap. 1,986,203; Jan. 1.
- Ivandick, Rosella B., Waukegan, Ill. Locking gas cap. 2,014,134; Sept. 10.
- Ivers-Lee Company. (See Salfisberg, Leroy L., assignor.)
- Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Apparatus for shearing. 1,999,838; Apr. 30.
- Iversen, Lorenz, Pittsburgh, assignor to Mesta Machine Company, Homestead, Pa. Feeding and shearing mechanism. 2,004,871; June 11.
- Iversen, Lorenz, Pittsburgh, assignor to Mesta Machine Company, Homestead, Pa. Method and apparatus for shearing. 2,007,533; July 9.
- Iversen, Lorenz, Pittsburgh, R. E. Noble, Crafton, and C. E. Bedell, Brentwood, Pa., assignors to Mesta Machine Company, Pittsburgh, Pa. Shearing apparatus. 2,009,695; July 30.
- Iverson, Cato, assignor to National Rubber Machinery Company, Akron, Ohio. Vulcanizer. 1,989,362; Jan. 29.
- Iverson, Cato, assignor to National Rubber Machinery Company, Akron, Ohio. Tire vulcanizing apparatus. 1,989,363; Jan. 29.
- Iverson, Cato, assignor to National Rubber Machinery Company, Akron, Ohio. Vulcanizer. 1,989,364; Jan. 29.
- Ives, Clifford E., Wilmette, Ill. Hydraulic transmission. 2,001,325; May 14.
- Ives, Clifford E., Wilmette, assignor to United States Gypsum Company, Chicago, Ill. Edge labeling mechanism. 1,999,360; Apr. 30.
- Ives, H. B., Co., The. (See Elwell, George H., assignor.)
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relief picture in natural colors. 1,987,443; Jan. 8.
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical transmission. 1,989,618; Jan. 29.
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 1,993,604; Mar. 5.
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 2,001,730; May 21.
- Ives, Herbert E., Montclair, N. J., assignor to The Perser Corporation, New York, N. Y. Making parallax panoramagrams. 2,002,090; May 21.
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 2,007,651; July 9.
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Projection of motion pictures. 2,011,932; Aug. 20.
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stereoscopic motion picture. 2,012,995; Sept. 3.
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 2,017,659; Oct. 15.
- Ivey, Armando. (See Estrada, S., Mauri, and Ivey.)
- Ivor Power Specialty Company. (See Moses, Richard I., assignor.)
- Ivory, Chester S., Bala-Cynwyd, assignor to the estate of J. W. Ivory, Philadelphia, Pa. Dental matrix retainer. 1,990,381; Feb. 5.
- Ivory, J. W., The estate of. (See Ivory, Chester S., assignor.)
- Ivy, James P. (See Allison, J. J., and Ivy.)
- Iwamizu, Sachuyo, Mrs. (See Cordray, James M., assignor.)
- Iwasa, Morizo, Nishiku, Osaka, Japan. Hearing appliance. 2,012,877; Aug. 27.
- Izard, Emmette F., Elsmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ester of polycarboxylic acids. 1,991,391; Feb. 19.
- Izard, Emmette F., Elsmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of esters of polybasic acids. 1,993,552; Mar. 5.
- Izard, Emmette F., Elsmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative composition. 2,003,295; June 4.
- Izard, Emmette F., Elsmere, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of polycarboxylic acids and their production. 2,006,555; July 2.
- Izard, Emmette F., Elsmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative compositions. 2,008,716; July 23.
- Izard, Emmette F., Elsmere, assignor to Dupont Viscoid Company, Wilmington, Del. Ester of isobutyric acid. 2,014,381; Sept. 17.
- Izard, Emmette F., Elsmere, and P. L. Salzberg, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Levulinic acid esters and their preparation. 2,004,115; June 11.
- Izard, Emmette F., Elsmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of the esters of unsaturated acids. 2,020,685; Nov. 12.
- Izsak, Alexander, Central Park, N. J., and F. J. Funk, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing butyl alcohol and acetone. 2,016,112; Oct. 1.
- Izsak, Ignacio, and V. Bukletish, Chicago, Ill. Folding wing. 2,015,893; Oct. 1.
- J. & L. Tool Company. (See Pearson, Carl, assignor.)
- J. P. Self Change Gear Company Limited. (See Paterson, James and J. H., assignors.)
- J. P. Tubular Heater Company, The. (See Jackson, R. A. F., and Wilson, assignors.)
- Jabine, William, et al. (See Estler, Harry S., assignor.)
- Jabouley, Joanny, London, England, assignor, by mesne assignments, to Celanese Corporation of America. Guiding or spacing of yarns in warp form. 2,002,091; May 21.
- Jabouley, Joanny, London, England, assignor, by mesne assignments, to Celanese Corporation of America. Textile apparatus. 2,007,397; July 9.
- Jabouley, Joanny, Spondon, near Derby, England, assignor to Celanese Corporation of America. Shedding mechanism for circular looms. 2,008,913; July 23.
- Jabouley, Joanny, and R. Yeardon, Spondon near Derby, England, assignors to Celanese Corporation of America. Textile machinery. 2,019,608; Nov. 5.
- Jabouley, Joanny, Spondon, near Derby, England, assignor to Celanese Corporation of America. Shedding mechanism for circular looms. 2,024,165; Dec. 17.
- Jabouley, Joanny, Spondon, near Derby, England, assignor to Celanese Corporation of America. Fabric-supporting means for circular looms. 2,024,166; Dec. 17.
- Jabusck, Alfred F., Hopkins, Minn., assignor to John R. Haines, Medford, N. J. Signal for left turn. 2,025,349; Dec. 24.
- Jack, George B., Jr., South Salem, N. Y., assignor to The Dorin Corporation, Union City, N. J. Packing composition. 1,987,109; Jan. 8.
- Jacka, Harold E., assignor to Good Seed Company, Inc., Fredonia, N. Y. Display apparatus. 2,020,609; Nov. 12.
- Jacker, Richard J., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Control mechanism. 2,021,553; Nov. 19.
- Jacks-Evans Manufacturing Company. (See Jackes, S. F., and Pavey, assignors.)
- Jackes, Stanley F., University City, and F. W. Pavey, Sunset Terrace, Mo., assignors to Jackes-Evans Manufacturing Company, St. Louis, Mo. Portable stove. 2,026,387; Dec. 31.
- Jackisch, Rudolph, Chicago, Ill. Internal combustion engine. 1,991,128; Feb. 12.
- Jackman, Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Submarine camera. 2,001,682; May 14.

- Jackman, Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Submarine camera. 2,001,683; May 14.
- Jackman, Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Composite motion pictures. 2,004,986; June 18.
- Jackman, Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Composite motion pictures. 2,004,987; June 18.
- Jackman, Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Focusing device for cinematographic apparatus. 2,008,020; July 16.
- Jackman, Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Color separation for composite motion pictures. 2,013,886; Sept. 10.
- Jackman, Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Composite picture. 2,014,435; Sept. 17.
- Jackman, Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Composite motion pictures. 2,015,272; Sept. 24.
- Jacks, Jacob A., assignor to Packard Motor Car Company, Detroit, Mich. Carburetor. 2,020,418; Nov. 12.
- Jacks, Joseph F., Gasconade, Mo. Dirigible headlight. 2,018,307; Oct. 22.
- Jacks, Louis M., London, England. Sling or harness arrangement for affording support for injured shoulders. 1,991,677; Feb. 19.
- Jacks, Louise M., London, England. Appliance for physical culture or exercise purposes. 2,022,002; Nov. 26.
- Jackson, Albert C., Dayton, Ohio. Fountain brush or mop. 1,994,085; Mar. 12.
- Jackson, Alexander McL., Chicago, Ill., assignor to Locke Insulator Corporation, Baltimore, Md. Arc extinguishing device. 2,022,962; Dec. 3.
- Jackson, Alfred F., Providence, R. I., assignor to L. R. Smith, receiver of Apco Mossberg Corporation. Distance indicating device. 2,022,315; Nov. 26.
- Jackson, Alfred L., New York, N. Y. Structural building device. 2,020,062; Nov. 5.
- Jackson, Anton, Brooklyn, N. Y. Hair curler. 2,014,283; Sept. 10.
- Jackson, Arthur V., and A. R. Jackson, Hercules, Calif. Sprinkler attachment for flatirons. 2,011,285; Aug. 13.
- Jackson, Augusta R. (See Jackson, Arthur V., and A. R.)
- Jackson Auto Radiator Co. (See Zinke, O. A., and Grade, assignors.)
- Jackson, Carey B., Chicago, Ill., assignor to Catalyst Research Corporation, Baltimore, Md. Hydrogenation catalyst. 1,991,096; Feb. 12.
- Jackson, Charles A., Ridgewood, N. J. Power control system. 1,995,613; Mar. 26.
- Jackson, Charles H., Keo, Ark. Combination hoisting and lifting jack. 1,999,174; Apr. 30.
- Jackson, Charles J. F., Winnipeg, Manitoba, Canada. Instrument for treating teeth. 1,996,205; Apr. 2.
- Jackson, Clarence S., Brooklyn, assignor to William R. Warner & Co. Inc., New York, N. Y. Stopper for dispensing spouts. 2,015,343; Sept. 24.
- Jackson, Clifford, R. L. Powell, and C. Buttler, Chicago, Ill. Pneumatic lifting jack. 2,024,291; Dec. 17.
- Jackson, Corwill, Chicago, Ill. Machine for working cement concrete. 1,988,315; Jan. 15.
- Jackson, Corwill, Chicago, Ill. Tamper and like impact tool. 2,004,988; June 18.
- Jackson, Corwill, Chicago, Ill. Tamping machine. 2,015,899; Oct. 1.
- Jackson, Corwill, Ludington, Mich. Apparatus for treating concrete and like plastic materials. 1,988,316; Jan. 15.
- Jackson, Corwill, Ludington, Mich. Spike driving machine. 2,018,129; Oct. 22.
- Jackson, Corwill, Ludington, Mich. Vibrating motor. 2,025,287; Dec. 24.
- Jackson, Edwin C., St. Louis, Mo., and E. G. Hallquist, Wallingford, Pa., assignors to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,026,044; Dec. 31.
- Jackson, Frank W., Revere, assignor to I. G. Sigilman, Dorchester, Mass. Insulation and making the same. 1,988,420; Jan. 15.
- Jackson, George H., Limited. (See Anderson, Anthony V., and J. E., and Lee, assignors.)
- Jackson, George P., Flushing, assignor to Combustion Engineering Company, Inc., New York, N. Y. Economizer. 2,013,309; Sept. 3.
- Jackson, Honel A., Detroit, Mich. Welding electrode holder. 2,003,196; May 28.
- Jackson, Isaac M. (See Goldberg, A., and Jackson.)
- Jackson, James G., Glendale, assignor of one-half to J. O'Connor, Los Angeles, Calif. Internal combustion rotary engine. 2,013,916; Sept. 10.
- Jackson, James J., Woodbury, assignor to Sandura Company, Inc., Paulsboro, N. J. Combined shipping and display package. 1,992,617; Feb. 26.
- Jackson, James O., Crafton, Pa. Storage tank. 2,026,279; Dec. 31.
- Jackson, James P., Chicago, Ill., assignor to Addressograph Company, Wilmington, Del. Printing device. 2,009,584; July 30.
- Jackson, John E., Swissvale, Pa., assignor to National Tube Company. Apparatus for manufacturing seamless pipes and tubes. 1,994,713; Mar. 19.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Switching fuse cabinet. 1,988,686; Jan. 22.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Electric switch. 1,988,687; Jan. 22.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Electric switch structure. 1,988,688; Jan. 22.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Latch mechanism for switch cabinet doors. 1,988,689; Jan. 22.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Electric switch. 1,999,695; Apr. 30.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,009,050; July 23.
- Jackson, John G., and C. W. Wolf, assignors to Square D Company, Detroit, Mich. Meter block connector. 2,006,768; July 2.
- Jackson, John K., Cranford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin receptacle cover. 2,009,085; July 23.
- Jackson, John W. (See Hickman, J. G., Bowlus, Jackson, and Field.)
- Jackson, Joseph G., Oak Park, assignor to Edward Katzinger Company, Chicago, Ill. Baking pan set. 2,023,812; Dec. 10.
- Jackson, Luther M., and C. A. Prescott, Middletown, Pa. Combined cigarette dispenser and igniter. 2,003,195; May 28.
- Jackson & Moreland, et al. (See Booth, Ralph D., assignor.)
- Jackson, Ollie C., Bryn Mawr, Pa. Butter-molding device. 2,003,197; May 28.
- Jackson, Oscar W., Rockville Centre, N. Y. Reinforcement for mats. 2,004,204; June 11.
- Jackson, Pansy H., Chicago, Ill. Garment construction. 2,009,620; July 30.
- Jackson, Patrick T., Cambridge, assignor to American Reinforced Paper Company, Attleboro, Mass. Machine for making bats of fibrous material. 1,999,169; Apr. 23.
- Jackson, Paul F., assignor to The Radio Products Company, Dayton, Ohio. Apparatus for testing audion tubes. 2,012,045; Aug. 20.
- Jackson, Paul S., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Grinding machine. 2,021,602; Nov. 19.
- Jackson, Percy A., assignor to American Writing Paper Company, Inc., Holyoke, Mass. Paper making apparatus. 1,995,101; Mar. 19.
- Jackson, Philip A., Dayton, Ohio. Typewriting machine. 2,020,145; Nov. 5.
- Jackson, Ralph G., Woodbury, N. J. Floor covering and preparing the same. 1,998,779; Apr. 23.
- Jackson, Ralph G., Woodbury, N. J. Decorative sheet material and preparing the same. 1,998,780; Apr. 23.
- Jackson, Ralph G., Woodbury, N. J. Decorative sheet. 1,998,781; Apr. 23.
- Jackson, Ralph G., Woodbury, N. J. Decorated and saturated sheet and preparing the same. 2,011,149; Aug. 13.
- Jackson, Ralph G., Woodbury, N. J., and J. T. Baldwin, West Chester, Pa. Decorated and saturated sheet and preparing the same. 2,011,150; Aug. 13.
- Jackson, Richard F., Chevy Chase, Md. Making sugar products. 2,007,971; July 16.
- Jackson, Robert A. F., Glasgow, and A. V. Wilson, Motherwell, assignors, to The J. P. Tubular Heater Company, Limited, Mossend, Lanarkshire, Scotland. Electric heater. 2,000,640; May 7.
- Jackson, Robert B., and J. M. Lieb, Columbus, Ohio. Method and apparatus for preventing accumulation of foreign matter in or on beer handling equipment and for treating beer. 2,025,243; Dec. 24.
- Jackson, Roland T., assignor to R. & W. H. Semington Company Limited, Market Harborough, England, a company of England. Lever buckle or slide. 2,016,783; Oct. 8.
- Jackson, Walter C., assignor to Tingley-Reliance Rubber Corporation, Rahway, N. J. Joint and jointed article. 2,021,115; Nov. 12.
- Jackson, William A., Montreal, Quebec, Canada, assignor to The Egly Register Company, Dayton, Ohio. Carbon supporting attachment for typewriters. 2,011,814; Aug. 20.
- Jackson, William S. (See Freehairn, James S., Jr., assignor.)
- Jackson, William S., Bala-Cynwyd, Pa. Rail joint and method. 2,021,728; Nov. 19.
- Jackson, William S., New Bedford, Mass., assignor to U. S. Robbin & Shuttle Company 1929, Providence, R. I. Upside down shuttle friction. 2,019,859; Nov. 5.
- Jacob, E. H., Manufacturing Company. (See Bullard, Washington I., assignor.)
- Jacob, Eugene, Trenton, N. J. Cigarette choking or snuffing device for ash trays. 1,999,933; Apr. 30.
- Jacobe, Joseph, Odell, Manitoba, Canada. Tie spacer. 1,990,285; Feb. 5.
- Jacobi, Bernhard. (See Hoffmann, U., and Jacobi.)
- Jacobi, Constantin, and B. Wolf, Frankfurt-on-the-Main, Griesheim, assignors to I. G. Farbenindustrie Aktien-gesellschaft, Frankfurt-on-the-Main, Germany. Preparing chlorocresols. 1,995,568; Mar. 26.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 1,989,928; Feb. 5.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Key for cylinder locks. 1,996,811; Apr. 9.

- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,004,435; June 11.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,006,922; July 2.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,012,996; Sept. 3.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,013,730; Sept. 10.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,016,602; Oct. 8.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Locking device for vehicle doors. 2,019,817; Nov. 5.
- Jacobi, Millard W. (See Heise, A. C. and Jacobi.)
- Jacobs, Albert M., Johannesburg, Union of South Africa. Ash receptacle. 1,988,736; Jan. 22.
- Jacobs, Arthur, Newark, N. J. Threadless fastener for valve washers. 2,026,074; Dec. 31.
- Jacobs Bros. Co. Inc., The. (See Walker, George, assignor.)
- Jacobs Bros. Co. Inc., The. (See Walker, Harold L., assignor.)
- Jacobs, E. H. Manufacturing Company. (See Bullard, Washington I., assignor.)
- Jacobs, F. L. Company. (See Jacobs, Rex C., assignor.)
- Jacobs, Frank C., New Kensington, Pa. Inspecting turbine blades. 2,011,408; Aug. 13.
- Jacobs, George W., New York, N. Y. Automatically operated water motor. 2,014,736; Sept. 17.
- Jacobs, Gustav, Rheidt, Germany. Spinning process. 1,994,313; Mar. 12.
- Jacobs, Harold F., Brooklyn, N. Y. Ball throwing device for miniature base ball games. 2,010,234; Aug. 6.
- Jacobs, Herman, Los Angeles, Calif. Producing surgical instruments and the like. 1,990,694; Feb. 12.
- Jacobs, Jacob, assignor to The Oak Rubber Company, Ravenna, Ohio. Attaching means for inflatable articles. 2,008,552; July 16.
- Jacobs, Joseph, Bridgeport, assignor to A. J. Donahue Corporation, Milford, Conn. Buckle and making same. 2,002,946; May 28.
- Jacobs, Joseph, Bridgeport, assignor to A. J. Donahue Corporation, Milford, Conn. Slide bar for men's garters. 2,002,947; May 28.
- Jacobs, Joseph, Bridgeport, assignor to A. J. Donahue Corporation, Milford, Conn. Flat garter grip. 2,018,445; Oct. 22.
- Jacobs Manufacturing Company, The. (See Stoner, Arthur M., assignor.)
- Jacobs, Oliver B. (See Buckley, O. E., and Jacobs.)
- Jacobs, Oliver B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone transmission system. 2,003,969; June 4.
- Jacobs, Oliver B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine cable system. 2,020,316; Nov. 12.
- Jacobs, Oliver B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission and repeater system. 2,020,317; Nov. 12.
- Jacobs, Oliver B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. System including repeater. 2,020,318; Nov. 12.
- Jacobs, Rex C., Detroit, Mich. Glare shield frame. 1,989,929; Feb. 5.
- Jacobs, Rex C., Detroit, Mich. Glare shield. 1,995,772; Mar. 26.
- Jacobs, Rex C., assignor to F. L. Jacobs Company, Detroit, Mich. Toggle device. 2,013,608; Sept. 3.
- Jacobs, Siegmund, Comstock, Mich. Paint. 2,007,802; July 9.
- Jacobs, Theodor. (See Lange, M., and Jacobs.)
- Jacobs, Walter T., Freeport, Ill., assignor, by mesne assignments, to Big Rock Ranch Company, Los Angeles, Calif. Turntable type side loading hearse. 2,010,860; Aug. 13.
- Jacobsen, Aage M. (See Touborg, J., and Jacobsen.)
- Jacobsen, Christoffer B., Froid, Mont. Plowshare. 2,015,016; Sept. 17.
- Jacobsen, Oystein, Dayton, Ohio, assignor to The Duriron Company, Inc. Heat exchanger. 2,003,593; June 4.
- Jacobsen, Oystein, Dayton, Ohio, assignor to The Duriron Company, Inc., Dayton, Ohio. Centrifugal pump. 2,008,308; July 16.
- Jacobsen, Oystein, Dayton, Ohio, assignor to The Duriron Company, Inc. Centrifugal pump. 2,019,679; Nov. 5.
- Jacobsen, Viggo W., Charlottenlund, Denmark. Merry-go-round. 1,996,923; Apr. 9.
- Jacobson, Charles D., et al. (See Juergens, Edwin C.)
- Jacobson, Conrad C., Glen Ridge, N. J., assignor to John Robertson Co., Inc., Brooklyn, N. Y. Apparatus for extruding metals. 2,015,111; Sept. 24.
- Jacobson, Conrad C., Glen Ridge, N. J., assignor to John Robertson Co., Inc., Brooklyn, N. Y. Cable sheath extrusion press. 2,025,056; Dec. 24.
- Jacobson, David L., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Light oil removal. 1,993,344; Mar. 5.
- Jacobson, Eugene, San Francisco, Calif. Flow-responsive device. 2,017,311; Oct. 15.
- Jacobson, J. H. (See Hall, Eric E., assignor.)
- Jacobson, James H. (See Peters, Edward H., assignor.)
- Jacobson, James H., Chicago, Ill. Expansion and contraction joint. 2,025,209; Dec. 24.
- Jacobson, James J., Great Neck, assignor to Edward T. Bedford, New York, N. Y. Display device. 2,014,436; Sept. 17.
- Jacobson, Ludwig G., Jamestown, assignor to Dahstrom Metallic Door Company, Jamestown, N. Y. Metal partition. 2,001,574; May 14.
- Jacobson, Max. (See Bullis, E., and Jacobson.)
- Jacobson, Moses G., Swissvale, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Gas testing. 2,010,995; Aug. 13.
- Jacobson, Ole A., Grand Rapids, Mich., assignor, by mesne assignments, to American District Telegraph Company, Jersey City, N. J. Contactor for alarm and signal circuits. 1,990,327; Feb. 5.
- Jacobson, Paul, South Norwalk, assignor to The American Hat Company, Norwalk, Conn. Hat. 2,020,259; Nov. 5.
- Jacobson, Ralph A. (See Carothers, W. H., Berchet, and Jacobson.)
- Jacobson, Ralph A. (See Carothers, W. H., and Jacobson.)
- Jacobson, William, Gig Harbor, Wash. Screw driver. 2,013,826; Sept. 10.
- Jacobus, David S. (See Bailey, E. G., Cassidy, Hardgrove, and Jacobus.)
- Jacobus, David S., Montclair, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Boiler. 1,989,694; Feb. 5.
- Jacobus, David S., Montclair, N. J., and R. K. Behr, Mount Vernon, N. Y., assignors to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 2,015,362; Sept. 24.
- Jacobus, Henry V. (See Buhl, O., and Jacobus.)
- Jacoby, Enos R., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,994,518; Mar. 19.
- Jacoby, Hans-Eberhard, Wetzikon and H. Nüssli, Hinwil, Switzerland. Carburetor. 2,021,554; Nov. 19.
- Jacquard Knitting Machine Company, Inc. (See Sirmay, Julius, assignor.)
- Jacquard Knitting Machine Company, Inc. (See Wildt, E., and Holmes, assignors.)
- Jacquemin, Marcel C. H., New Barking, England. Pipe for smoking. 2,001,612; May 14.
- Jacques, Nelson. (See Blocher, Samuel S., assignor.)
- Jacobson, Hirsch G., Berlin-Charlottenburg, Germany. Preparing a substance derived from an amino aliphatic acid and phenylquinoline orthocarboxylic acid which is capable of lowering the uric acid level. 2,006,020; June 25.
- Jäderblom, Erik T., Alnas, Bo, Sweden. Hydraulically operated piston pump. 2,008,760; July 23.
- Jäderlund, Johan, Stockholm, Sweden. Lubricating device for internal combustion motors. 1,999,100; Apr. 23.
- Jaekel, Wolfgang, Basel, assignor to the Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Dyeing nitrocellulose lacquers. 2,000,393; May 7.
- Jaekel, Georg, assignor to the firm Sendlinger Optische Glaswerke G. m. b. H., Berlin-Zehlendorf, Germany. Magnifying glass. 2,026,176; Dec. 31.
- Jaeger, Alphons O. (See Daniels, L. C., and Jaeger.)
- Jaeger, Alphons O., Crafton, Pa., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Catalytic oxidation of cyclic compounds containing oxygen in the ring. 1,995,614; Mar. 26.
- Jaeger, Alphons O., Crafton, Pa., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Catalytic apparatus. 2,004,758; June 11.
- Jaeger, Alphons O., Crafton, Pa., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Catalytic oxidation of ammonia. 2,010,235; Aug. 6.
- Jaeger, Alphons O., Mount Lebanon, Pa., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Motor fuel. 1,995,615; Mar. 26.
- Jaeger, Alphons O., Mount Lebanon, Pa., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Match. 2,004,436; June 11.
- Jaeger, Alphons O., Mount Lebanon, Pa., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Process and apparatus for producing sulphur trioxide. 2,008,761; July 23.
- Jaeger, Alphons O., Mount Lebanon, Pa., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Production of monocarboxylic acids and their derivatives. 2,020,505; Nov. 12.
- Jaeger, Alphons O., Greentree, Pa., assignor to American Cyanamid & Chemical Corp., New York, N. Y. Synthetic tanning material. 2,017,863; Oct. 22.
- Jaeger, Alphons O., Crafton, and K. F. Pletzsch, Pittsburgh, assignors, by mesne assignments, to American Cyanamid & Chemical Corporation. Carrying out of molecular associations and transformations. 1,993,886; Mar. 12.
- Jaeger, Edward T., Rockville Centre, assignor to Oneida Paper Products Incorporated, Brooklyn, N. Y. Continuous strip material process. 2,021,310; Nov. 19.
- Jaeger, Gebhard, Columbus, Ohio. Window covering device. 1,999,504; Apr. 30.
- Jaeger, Gebhard, Columbus, Ohio, assignor to The Jaeger Machine Company, Columbus, Ohio. Truck concrete mixer. 2,017,064; Oct. 15.
- Jaeger, Gebhard, and J. Eggert, deceased, by E. L. Keny, administratrix, assignors to The Jaeger Machine Company, Columbus, Ohio. Closure for concrete mixers. 1,987,560; Jan. 8.

- Jaeger, Hans, assignor to A. O. Smith Corporation, Milwaukee, Wis. Heat resistant alloy. 1,990,650; Feb. 12.
- Jaeger, Hans E., Milwaukee, Wis. Rule gauge. 1,991,219; Feb. 12.
- Jaeger, Karl, Brandenburg-on-the-Havel, Germany. Railway buffer stop. 2,019,135; Oct. 29.
- Jaeger Machine Company, The. (See Eggert, Joseph, assignor.)
- Jaeger Machine Company, The. (See Gardiner, Lion, assignor.)
- Jaeger Machine Company. (See Jaeger, Gebhard, assignor.)
- Jaeger Machine Company, The. (See Jaeger, G., and Eggert, assignors.)
- Jaeger Machine Company, The. (See Mandt, Obert G., assignor.)
- Jaekle, William M., Berkeley, Calif. Steel pile. 1,998,017; Apr. 16.
- Jaen, Elpidio A., Habana, Cuba. Self-sealing tooth paste tube. 2,009,552; July 30.
- Jaenichen, Louis, Springfield Township, Oakland County, and Leonard O. Kelley, Detroit, Mich., assignors to The Standard Computing Scale Company, Detroit, Mich. Scale. 1,998,136; Apr. 16.
- Jaenichen, Louis, Springfield Township, Oakland County, and M. D. Ribble, Ferndale, assignors to The Standard Computing Scale Company, Detroit, Mich. Weighing scale. 2,025,590; Dec. 24.
- Jaffe, Ned E. (See Coleman, J. H., and Jaffe.)
- Jaffe, Harry. (See Clark, Harry E., assignor.)
- Jaffe, Harry. (See Parker, W. H., and Jaffe.)
- Jaffe, Isadore, Cleveland, and L. G. Dingley, Euclid Village, Ohio; said Dingley assignor to said Jaffe. Shoe plate. 2,006,503; July 2.
- Jaffe, Joseph L., Cleveland, Ohio. Lighting fixture construction. 2,012,720; Aug. 27.
- Jaffe, Samuel S., New York, N. Y. Bath mitten. 1,990,030; Feb. 5.
- Jaffin, George M., and J. T. Basseches, New York, N. Y. Seal. 2,005,340; June 18.
- Jager, Martin, and J. Gombar, New York, N. Y. Convertible chair-bed. 1,988,317; Jan. 15.
- Jagersberger, Joseph W., assignor to Rajo Motor Company, Racine, Wis. Internal combustion engine. 2,012,512; Aug. 27.
- Jagger, Hubert. (See Hernlund, J. W., and Jagger.)
- Jagger, Hubert, Chicago, and J. W. Hernlund, La Grange, Ill., assignors to Ditto Incorporated. Duplicating mechanism. 1,996,578; Apr. 2.
- Jahn, Alfred R., London, England. Concentration of liquors in multiple effect and apparatus therefor. 2,012,668; Aug. 27.
- Jahn, Francis M., Philadelphia, Pa. Toothbrush. 2,017,660; Oct. 15.
- Jahn, John R., assignor to California Corrugated Culvert Co., Berkeley, Calif. Pipe slip joint. 1,985,899; Jan. 1.
- Jahn, Paul. (See Olson, Alfred G., assignor.)
- Jähne, Ernst H., assignor to "Universelle" Cigarettenmaschinenfabrik J. C. Muller & Co., Dresden, Germany. Apparatus by which folding cartons intended for the reception of cigarettes or the like are formed. 1,993,605; Mar. 5.
- Jähne, Ernst H., assignor to Universelle Cigarettenmaschinen-Fabrik J. C. Muller & Co., Dresden, Germany. Machine for the manufacture of paper containers. 1,995,455; Mar. 26.
- Jähne, Ernst H., assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co., Dresden, Germany. Device for wrapping cigarettes and similar articles. 1,996,206; Apr. 2.
- Jähne, Ernst H., assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Company, Dresden, Germany. Apparatus for separating waste goods, particularly incorrectly filled cigarette packets. 2,010,190; Aug. 6.
- Jähne, Ernst H., assignor to "Universelle" Cigarettenmaschinenfabrik, J. C. Muller & Co., Dresden, Germany. Apparatus for closing folded boxes or containers. 2,022,565; Nov. 26.
- Jahnke, Charles B., Oak Park, Ill., assignor to International Harvester Company. Oil filter base. 2,017,756; Oct. 15.
- Jahnke, Harry, Markesan, Wis. Lever catch. 2,016,436; Oct. 8.
- Jahrstorfer, Michael. (See Pungs, W., and Jahrstorfer.)
- Jaite-Grant Display Bag Company, The. (See Schlegel, Alfred A., assignor.)
- Jaite, Roy W., Lakewood, Ohio. Paper bag. 2,025,751; Dec. 31.
- Jakob, Gottfried, Perlach, near Munich, assignor to Chemische Werke Marienfelde Aktiengesellschaft, Berlin-Marienfelde, Germany. Clearing the contents of fermentation and storage containers. 2,002,145; May 21.
- Jakosky, John J., Los Angeles, Calif. Determining underground structure. 2,015,401; Sept. 24.
- Jaksha, Joseph, Council Bluffs, Iowa. Musical instrument. 1,997,522; Apr. 9.
- James, Allan W., Hillsdale, N. J. Carboy box. 2,019,860; Nov. 5.
- James, Arthur B., Auburn, R. I. Electric switch for bowling alleys. 2,009,266; July 23.
- James, Clarence B., Watsonville, Calif. Fan. 2,019,906; Nov. 5.
- James, Cyril H. (See Barclay, W. R., James, and Bacon.)
- James, Cyril H. (See Hazelton, G., James, and Bacon.)
- James, Edward M. (See Jones, L. D., and James.)
- James, Floyd D., San Antonio, Tex. Toy. 2,009,319; July 23.
- James, George S., assignor, by mesne assignments, to Albert F. Spitzglass, Chicago, Ill. Sign. 1,994,519; Mar. 19.
- James, Harold V., Kanarado, Kans. Vulcanizing device. 2,010,861; Aug. 13.
- James, Harry E., Atlantic City, N. J., and W. J. McClintock, Jr., Harrisburg, Pa., assignors to James, Inc., Atlantic City, N. J. Tray construction. 1,999,361; Apr. 30.
- James, Inc. (See James, H. E. and McClintock, assignors.)
- James, James V., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Coating cord material. 2,001,575; May 14.
- James, John R., Story City, Iowa. Self starting motor for alternating currents. 2,016,603; Oct. 8.
- James, Joseph H., Salt Lake City, Utah. Slag conveyer. 2,000,484; May 7.
- James, Joseph H., Pittsburgh, assignor to C. P. Byrnes, Sewickley, Pa., as trustee. Manufacture of insecticides and fungicides. 2,006,456; July 2.
- James, Joseph H., Pittsburgh, Pa., assignor to C. P. Byrnes, trustee. Denatured alcohol and denaturant for the same. 2,009,661; July 30.
- James, Joseph H., Pittsburgh, assignor to C. P. Byrnes, trustee, Sewickley, Pa. Partial oxidation of hydrocarbons. 2,009,662; July 30.
- James, Joseph H., Pittsburgh, assignor to C. P. Byrnes, as trustee, Sewickley, Pa. Manufacture of oxygen derivatives of hydrocarbons. 2,009,663; July 30.
- James, Joseph H., Pittsburgh, assignor to C. P. Byrnes, trustee, Sewickley, Pa. Two-step oxidation of hydrocarbons. 2,009,664; July 30.
- James, Joseph H., Pittsburgh, assignor to C. P. Byrnes, trustee, Sewickley, Pa. Treating mineral oil products and products thereof. 2,010,085; Aug. 6.
- James, Joseph H., Pittsburgh, assignor to C. P. Byrnes, trustee, as trustee, Sewickley, Pa. Making partial oxidation products. 2,010,086; Aug. 6.
- James Manufacturing Company. (See Kreutzer, Frederic J., assignor.)
- James Manufacturing Company. (See Shodron, John G., assignor.)
- James, Oliver Matthew, assignor to Dayton Veneer & Lumber Mills, Dayton, Tenn. Stave basket and machine and making same. 2,007,124; July 2.
- James, Robert F., and G. Coley, assignors to The Detroit Edison Company, Detroit, Mich. Electrical heating device. 1,998,084; Apr. 16.
- James River Paper Products, Inc. (See Haskell, Howze, assignor.)
- James, William L., Long Beach, Calif. Traffic regulating system and mechanism therefor. 2,007,248; July 9.
- James, William S., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Brake lining testing machine. 2,022,040; Nov. 26.
- Jameson, Charles M., Pasadena, Calif. Antitack roll mechanism for cars. 2,002,857; May 28.
- Jameson, Frederick L., Freehold, N. J. Recess bathtub anchor. 1,987,740; Jan. 15.
- Jameson, Reuben M. (See Fantone, C. B., and Jameson.)
- Jamestown Metal Equipment Company. (See Haag, Theodore T., assignor.)
- Jamieson, Aubrey C., Kew, Victoria, Australia. Measuring and delivering apparatus. 2,001,025; May 14.
- Jamieson, Charles C., Jacksonville, Fla. Constructing asphalt pavement with natural aggregates. 2,003,888; June 4.
- Jamison Cold Storage Door Company. (See Leonard, David C. E., assignor.)
- Jamison, Robert H., et al. (See Loeber, Edgar O., assignor.)
- Janca, Joseph J., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Oscillating fan. 2,010,545; Aug. 6.
- Jance, Joseph, Detroit, Mich. Safety device. 2,024,042; Dec. 10.
- Jancke, Benno F., Brooklyn, N. Y., assignor to Shelton-Jancke Corporation, East Orange, N. J. Hair-waving device. 1,990,547; Feb. 12.
- Jancsek, Wendelin, St. Paul, Minn. Combination lock. 2,024,043; Dec. 10.
- Janda, Anna J., assignor to J. J. Ryan, Chicago, Ill. Marcel waver. 2,005,465; June 18.
- Janda, Rudolph W., Berwyn, assignor to Conlon Corporation, Cicero, Ill. Ironing machine. 2,026,345; Dec. 31.
- Jandasek, Joseph, Cicero, Ill. Fluid torque converter. 1,993,741; Mar. 12.
- Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Self-centering end bolt for bumpers. 1,995,352; Mar. 26.
- Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Bumper construction. 2,022,667; Dec. 3.
- Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Bumper construction. 2,022,668; Dec. 3.
- Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Automobile bumper. 2,023,076; Dec. 3.

- Jandus, Herbert S., and B. M. Short, assignors to General Spring Bumper Corporation, Detroit, Mich. Automobile bumper. 2,023,077; Dec. 3.
- Jandus, Herbert S., and B. M. Short, assignors to General Spring Bumper Corporation, Detroit, Mich. Bumper. 2,023,078; Dec. 3.
- Jandus, Herbert S., and B. M. Short, assignors to General Spring Bumper Corporation, Detroit, Mich. Bumper construction. 2,023,079; Dec. 3.
- Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Bumper construction. 2,023,081; Dec. 3.
- Janer, Andre, Flushing, assignor to The A. J. & K. Company, Incorporated, New York, N. Y. Container for cosmetic sticks and the like. 1,990,031; Feb. 5.
- Janer, Andre, Flushing, assignor to The A. J. & K. Company, Incorporated, New York, N. Y. Container for lip sticks and the like. 2,000,701; May 7.
- Janesick, Albert, Detroit, Mich. Steam pressure atomizer. 2,004,371; June 11.
- Janesy, Henry G., Everett, Mass. Making ice cream and similar blocks having completely enclosed cores. 2,007,572; July 9.
- Janette, John T., Kenilworth, Ill. Rotor construction for fans or the like. 1,996,155; Apr. 2.
- Janeway, Price W., Jr., Media, assignor to The United Gas Improvement Company, Philadelphia, Pa. Bolted pipe joint. 1,987,235; Jan. 8.
- Janke, Paul, Ascona, assignor to Dehne & Co., Orbono-Gesellschaft, Brissago, Switzerland. Composition for killing insects and fungi. 2,000,843; May 7.
- Janney, John B., Philadelphia, Pa., assignor, by mesne assignments, to American Sales Book Company, Inc., Paper web support. 2,012,537; Aug. 27.
- Janowitz, Julius, New York, N. Y. Handle for carrying parcels. 2,021,787; Nov. 19.
- Janowitz, Julius, New York, N. Y. Package carrying tape. 2,021,788; Nov. 19.
- Jansen, Bernhard, Regensburg, Germany. Step-switch arrangement for tapping transformers. 1,985,927; Jan. 1.
- Jansen, Bernhard, Regensburg, Germany. Load-change-over switch for step transformers. 1,985,928; Jan. 1.
- Jansen, Edmund C. (See Schmidt, C. P., and Jansen.)
- Jansen, Henry, assignor of one-half to G. L. Ashline, Chicago, Ill. Tile. 2,000,565; May 7.
- Janson, Carl G., assignor to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 2,003,080; May 28.
- Janson, George W. (See Wood, W. S., Janson, and Demonet.)
- Janson, George W., Nutley, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Direct reading clock. 1,998,763; Apr. 23.
- Janssen, Hendrik J. J., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Production of metal from ores. 2,019,785; Nov. 5.
- Janssen, John H., Woonsocket, S. Dak. Enlarging tool for wells. 2,008,583; July 16.
- Janssen, Oscar, St. Louis, Mo. Dispensing apparatus. 1,996,156; Apr. 2.
- Janssen, Philip. (See Archibald, F. M., and Janssen.)
- Jansson, Gustav E., Atlantic, assignor to Condit Electrical Manufacturing Corporation, Hyde Park, Mass. Oil insulated electrical apparatus. 1,996,423; Apr. 2.
- Jantzen Knitting Mills. (See Monroe, Mayer G., assignor.)
- Janzen, Jetze W., The Hague, Netherlands. Cupboard with drawers. 1,995,569; Mar. 26.
- Janzen, Otto, Berlin, Germany. Synchronous motor. 2,017,624; Oct. 15.
- Japolsky, Nicholas, London, England. Dynamo-electric variable speed power transmitting mechanism. 1,987,479; Jan. 8.
- Japolsky, Nicholas, Highgate, London, England. Alternating-current commutator machine. 2,014,737; Sept. 17.
- Jappsson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric sadiron. 1,996,157; Apr. 2.
- Jagues, Cloyce A., Chicago, Ill. Terminating multiconductor high voltage cables. 1,989,930; Feb. 5.
- Jagues, Ernest G., San Francisco, Calif. Collapsible saw guide. 1,999,239; Apr. 30.
- Jagues, John M., London, England. Manufacture of celluloid and like balls. 2,025,455; Dec. 24.
- Jaquith, Willard E., and H. H. Walters, Syracuse, N. Y. Open hearth heater. 2,009,642; July 30.
- Jarboe, Fred, San Diego, Calif. Unit panel removable door form for joist construction. 1,993,008; Mar. 5.
- Jardim, Joaquim S., New York, N. Y. Jack. 2,011,933; Aug. 20.
- Jardine, Frank, Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Piston sand core. 2,004,661; June 11.
- Jardine, Frank, assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio. Piston. 2,012,467; Aug. 27.
- Jardine, Guy F. (See Schaffer, G., and Jardine.)
- Jarecki, Peter M., and F. J. Sobczak, Chicago, Ill. Can holder. 2,022,769; Dec. 3.
- Jarrett, Brooks L. (See Pogue, George D., assignor.)
- Jarrett, Claude, et al. (See Le Roy, J. B., assignor.)
- Jarrett, Richard S. (See Apfel, J., Ling, and Jarrett.)
- Jarrett, Robert W. (See Hansen, Austin B., assignor.)
- Jarrier, René, St. Quentin, France, assignor to Bartlett Arkell, New York, N. Y. Automatic sacking and weighing apparatus. 2,000,958; May 14.
- Jarrier, René, St. Quentin, France, assignor to Bartlett Arkell, New York, N. Y. Process and machine for the manufacture of paper tubes. 2,008,717; July 23.
- Jarry, Robert M., Paris, France. Extracting the phenols of tars and similar mixtures. 2,001,613; May 14.
- Jarvinen, Martin M. (See Nopola, H. K., and Jarvinen.)
- Jarvis, Adolphus, Jewett City, Conn, assignor to United Merchants & Manufacturers, Inc., Wilmington, Del. Weft replenishing mechanism for looms. 2,010,264; Aug. 6.
- Jarvis, Franklin W., Oakland, Calif. Control for motor vehicles. 1,990,828; Feb. 12.
- Jarvis, Franklin W., Oakland, Calif. Control for motor vehicles. 2,021,858; Nov. 19.
- Jarvis, Franklin W., Oakland, Calif. Driving control for motor vehicles. 2,021,859; Nov. 19.
- Jarvis, Hilda P., administratrix. (See Price, John R., assignor.)
- Jarvis, Lewis A., Grand Rapids, Mich., assignor to W. B. Jarvis Company. Door handle. 2,003,212; July 16.
- Jarvis, W. B., Company. (See Henst, Abraham V., assignor.)
- Jarvis, W. B., Company. (See Jarvis, Lewis A., assignor.)
- Jasper, Elmer P., Richmond, Mich. Ash tray. 2,019,227; Oct. 29.
- Jasper, T. M., assignor to A. O. Smith Corporation, Milwaukee, Wis. Oil well casing pipe and producing same. 1,993,842; Mar. 12.
- Jasper, Tobias G., Brooklyn, N. Y. Pressing machine. 1,998,280; Apr. 16.
- Jassoy, Bertrand, Decatur, assignor to Purity Bakeries Service Corporation, Chicago, Ill. Bakery machinery. 2,019,818; Nov. 5.
- Jauch, Christian, assignor to W. L. Gilbert Clock Company, Winsted, Conn. Alarm clock. 2,002,998; May 28.
- Jauch, Martin, Newark, N. J. Clock. 2,019,979; Nov. 5.
- Jauch, Robert J., Fort Wayne, Ind. Check valve. 2,018,130; Oct. 22.
- Jauch, Robert J., and R. H. Arnold, Fort Wayne, Ind., assignors to Wayne Company, Fort Wayne, Ind. Meter for liquid dispensing apparatus. 1,999,362; Apr. 30.
- Jaumann, Andreas. (See Babik, L., and Jaumann.)
- Jauregui, José A., Chicago, Ill. Liquid sprayer. 1,988,737; Jan. 22.
- Javery, Armon J. (See Javery, Frank B. and A. J.)
- Javery, Frank B., Worcester, and A. J. Javery, Oxford, Mass., assignors to Warp Compressing Machine Company, Worcester, Mass. Thread tensioning device. 2,005,975; June 25.
- Jaworowski, Joseph F., Cleveland, Ohio. Rotary pump. 1,989,864; Feb. 5.
- Jaworowski, Joseph F., assignor of twenty-five per cent to S. E. Dettelbach, and twenty five per cent to S. Emerson, Cleveland, Ohio. Rotary pump or compressor. 2,023,594; Dec. 10.
- Jawort, Frank A., assignor of one-half to J. A. Westland, Spokane, Wash. Baker's peel. 2,003,541; June 4.
- Jaxheimer, William H. (See Drum, G. E., and Jaxheimer.)
- Jay, Webb, Miami Beach, Fla. Cigarette lighter and dispenser. 1,997,796; Apr. 16.
- Jay, Webb, Miami Beach, Fla., and L. Pengilly, San Francisco, Calif., said Pengilly assignor to said Jay. Cigarette vending machine. 2,003,489; June 4.
- Jaycox, George B., et al. (See Enders, John C., assignor.)
- Jay-Dee Manufacturing Co. (See Campbell, John D., assignor.)
- Jaydel Novelty Manufacturers, Inc. (See Coughlin, Joseph D., assignor.)
- Jayne, George, assignor to Canadian International Paper Company, Hawkesbury, Ontario, Canada. Esterification of cellulose. 2,005,678; June 18.
- Jayne, David W., Jr. (See Christmann, L. J., and Jayne.)
- Jayne, Wade H., Bayside, N. Y. Mop. 2,020,187; Nov. 5.
- Jecker, Rudolf, Lausen, Switzerland. Combined toothbrush and paste container. 1,988,557; Jan. 22.
- Jecmenek, Frank H., Fayetteville, Tex. Drain attachment for pumps and the like. 2,016,638; Oct. 8.
- Jedele, Alfred. (See Feussner, O., and Jedele.)
- Jeffers, Howard W. (See Dahlberg, H., and Jeffers.)
- Jefferson Island Salt Company. (See Bayless, John L., assignor.)
- Jeffrey Dewitt Insulator Company. (See Stroup, Charles L., assignor.)
- Jeffrey, Douglas C., and H. J. Wolfe, Akron, N. Y., assignors to Universal Gypsum & Lime Co., Chicago, Ill. Weighing and mixing mechanism. 2,003,832; June 4.
- Jeffrey, M. L., Corporation, The. (See Jeffrey, Max L., assignor.)
- Jeffrey, M. L., Corporation, The. (See Jeffrey, M. L., Fickhoff, and Sanborn, assignors.)
- Jeffrey, M. L., Corporation, The. (See Sanborn, Frederick D., Jr., assignor.)
- Jeffrey Manufacturing Company, The. (See Bauroth, Walter J., assignor.)
- Jeffrey Manufacturing Company, The. (See Becker, Samuel T., assignor.)
- Jeffrey Manufacturing Company, The. (See Becker, S. T., and Beltz, assignors.)
- Jeffrey Manufacturing Company, The. (See Briggs, Robert E., assignor.)
- Jeffrey Manufacturing Company, The. (See Duff, Charles L., assignor.)
- Jeffrey Manufacturing Company, The. (See Fleming, William B., assignor.)

- Jeffrey Manufacturing Company, The. (See Francis, Earle V., assignor.)
- Jeffrey Manufacturing Company, The. (See Knies, Daniel, assignor.)
- Jeffrey Manufacturing Company, The. (See Levin, Nils D., assignor.)
- Jeffrey Manufacturing Company, The. (See Levin, N. D., and Lewis.)
- Jeffrey Manufacturing Company, The. (See Lewis, Edward G., assignor.)
- Jeffrey Manufacturing Company, The. (See Norris, George B., assignor.)
- Jeffrey Manufacturing Company, The. (See Ossing, Stanley F., assignor.)
- Jeffrey Manufacturing Company, The. (See Stevenson, Robert W., assignor.)
- Jeffrey, Max L., Shaker Heights, assignor, by mesne assignments, to The M. L. Jeffrey Corporation, Cleveland, Ohio. Switch construction. 1,989,277; Jan. 29.
- Jeffrey, Max L., Shaker Heights, T. H. Elckhoff, Cleveland Heights, and F. D. Sanborn, Jr., assignors, by mesne assignments, to The M. L. Jeffrey Corporation, Cleveland, Ohio. Contacting device. 2,019,051; Oct. 29.
- Jeffreys, Bryan, Toledo, Ohio. Book. 1,992,618; Feb. 26.
- Jeffries, Charles W. (See Allaire, R. L., and Jeffries.)
- Jeffries, Holly W., Chicago, Ill. Compact and the like. 2,022,963; Dec. 3.
- Jeffries, Zay, and L. W. Kempf, Cleveland, Ohio, assignors to Aluminium Company of America, Pittsburgh, Pa. Piston and making the same. 2,024,767; Dec. 17.
- Jekulatit, Adam, Brooklyn, N. Y. Piping attachment for sewing machines. 2,006,243; June 25.
- Jelalian, Martin, New York, N. Y. Vertically reciprocating winged aviating apparatus for human beings. 1,989,755; Feb. 5.
- Jelalian, Martin, New York, N. Y. Vertically reciprocating winged naval dirigible airship. 1,997,906; Apr. 16.
- Jelks, Howard C. (See Arpin, Leonard G., assignor.)
- Jelliff, Charles E., Seattle, Wash. Oscillation generator. 2,006,950; July 2.
- Jenal, Matthew, Brooklyn, N. Y. Device to raise and lower curtains and drapes. 2,026,388; Dec. 31.
- Jencick, Stephen, Chagrin Falls, Ohio. Propeller shaft. 2,003,508; June 4.
- Jencick, Stephen, Chagrin Falls, Ohio. Tappet. 2,003,509; June 4.
- Jencick, Stephen, Chagrin Falls, Ohio. Tree brace. 2,007,606; July 9.
- Jenckes, Edwin K. (See Fraser, H. J., Owens, Jenckes, and Lenhart.)
- Jeneson, George R., Cincinnati, Ohio, assignor to American Can Company, New York, N. Y. Blank shearing apparatus. 2,001,731; May 21.
- Jenkins, Bernard F., U. S. Navy. Torque-measuring device. 2,004,950; June 18.
- Jenkins Bros. (See Doherty, Harold F., assignor.)
- Jenkins Bros. (See Schultz, J., and Tickey, assignors.)
- Jenkins Bros. (See Yardley, Farnham, assignor.)
- Jenkins, Bryan, Flemington, W. Va. Clutch brake. 2,003,198; May 28.
- Jenkins, Charles F., Washington, D. C., assignor, by mesne assignments, to Radio Corporation of America. Relay for synchronizing systems. 2,002,664; May 28.
- Jenkins, Charles F., Wilksburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Armature coil. 2,008,451; July 16.
- Jenkins, Charles F., Washington, D. C., assignor, by mesne assignments, to Radio Corporation of America. Two-signal receiving device. 2,017,902; Oct. 22.
- Jenkins, Charles F., Washington, D. C., assignor, by mesne assignments, to E. T. Cunningham, Inc. Persisting luminescent screen. 2,021,010; Nov. 12.
- Jenkins, David, Seattle, Wash. Mop. 1,994,769; Mar. 19.
- Jenkins, David E., and F. J. Schaeffer, assignors to Republic Steel Corporation, Youngstown, Ohio. Mechanism for removing burrs from tubes, etc. 2,015,452; Sept. 24.
- Jenkins, Edward M., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Structural material and making the same. 2,008,718; July 23.
- Jenkins, George M. O., Neasden, London, England. Window curtain support. 2,005,546; June 18.
- Jenkins, Joseph B., Oklahoma City, Okla. Combination surgical air-blást and suction tip. 1,987,907; Jan. 15.
- Jenkins, Paul S. (See Frank, W. H., Messing and Jenkins.)
- Jenkins, Paul S., assignor to Square D Company, Detroit, Mich. Rigid suspension system and method for electric wiring. 1,992,574; Feb. 26.
- Jenkins Petroleum Process Company. (See Smith, Arthur D., assignor.)
- Jenkins, Russell L., Anniston, Ala., assignor to Swann Research, Incorporated. Coated transparent sheets of caseinates. 2,010,517; Aug. 6.
- Jenkins, Samuel A., Hibbing, Minn. Steel building unit. 2,017,973; Oct. 22.
- Jenkins, Samuel A., Hibbing, Minn. Building construction. 2,019,707; Nov. 5.
- Jenkins, Thomas A., Roselle, N. J. Indicating timer for automatic traffic signal lights. 1,996,111; Apr. 2.
- Jenkins, Thomas A., Roselle, N. J. Liquid chilling apparatus. 2,000,446; May 7.
- Jenkins, Thomas M., Lennox, Calif., assignor to Jerome H. Bishop. Self wringing mop. 2,023,021; Dec. 3.
- Jenks, Harold C. (See Dillon, H. G., Dreyer, and Jenks.)
- Jenner, Ralph L. (See Lapp, G. W., and Jenner.)
- Jenness, Leslie G., Brooklyn, assignor to Davis Emergency Equipment Company, Incorporated, New York, N. Y. Making catalysts. 1,995,353; Mar. 26.
- Jenni, Frédéric, Paris, France, assignor to The Merrow-Machine Company, Hartford, Conn. Sewing machine. 2,007,863; July 9.
- Jennings, Aaron J., Battle Creek, Mich., assignor, by mesne assignments, to The Farval Corporation, Cleveland, Ohio. Measuring valve. 2,016,372; Oct. 8.
- Jennings, Cena. (See Wright, Melton H., assignor.)
- Jennings, Chester S. (See Perry, H. R., and Jennings.)
- Jennings, Chester S., assignor to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch system. 2,014,571; Sept. 17.
- Jennings, Chester S., and F. W. MacMartin, Syracuse N. Y., assignors to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch system. 2,019,861; Nov. 5.
- Jennings, Frank B., Olympia, Wash. Fish lure. 1,995,985; Mar. 26.
- Jennings, Frank H., assignor to National Rubber Machinery Company, Akron, Ohio. Planing machine. 2,000,394; May 7.
- Jennings, George H., Elmwood, East Bridgewater, Mass. Weiting and producing it. 2,004,116; June 11.
- Jennings, George H., Elmwood, East Bridgewater, Mass. Weiting and producing weiting. 2,004,117; June 11.
- Jennings, John T., King's Norton, Birmingham, England. Spray carburetor for internal combustion engines. 2,009,233; July 23.
- Jennings, Nellie M. (See Dutro, C. O., and Jennings.)
- Jennings, Oliver S., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,013,827; Sept. 10.
- Jennings, Oliver S., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switch mechanism. 2,015,561; Sept. 24.
- Jennings, Rlford U., Buffalo, N. Y. Typewriter keyboard. 1,999,877; Apr. 30.
- Jennings, Samuel, Jr., Masury, assignor to The Isaly Dairy Company, Youngstown, Ohio. Spoon and making the same. 2,016,861; Oct. 8.
- Jennings, William A., Raytown, Mo. Connecting rod aligner. 2,014,969; Sept. 17.
- Jennison, Herbert C., Bridgeport, and W. S. Girvin, Watertown, assignors to The American Brass Company, Waterbury, Conn. Electrode for vacuum tubes. 1,995,180; Mar. 19.
- Jennison, Herbert C., Bridgeport, and R. B. Montgomery, Seymour, assignors to The American Brass Company, Waterbury, Conn. Making deoxidized copper. 2,003,296; June 4.
- Jennison, Herbert C., Bridgeport, and R. B. Montgomery, Seymour, assignors to The American Brass Company, Waterbury, Conn. Making deoxidized copper and copper alloys. 2,003,889; June 4.
- Jenny, Fred E., Dumont, N. J. Cultivator. 1,998,195; Apr. 16.
- Jensen, Alma C., Salt Lake City, Utah. Ice refrigerating display case. 2,019,907; Nov. 5.
- Jensen, Axel G., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Translating circuit. 2,013,154; Sept. 3.
- Jensen, Charles A., Los Angeles, Calif., assignor of one-half to G. E. Jensen. Repairing cracks in metal castings. 1,989,695; Feb. 5.
- Jensen, Grace E. (See Jensen, Charles A., assignor.)
- Jensen, Gustav S., Shanghai, China. Safety razor. 1,989,011; Jan. 22.
- Jensen, Henry M., U. S. Navy. Navigational instrument. 2,004,951; June 18.
- Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Rotary fluid conducting means. 1,992,750; Feb. 26.
- Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Hose coupling. 2,002,472; May 21.
- Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Hose nozzle. 2,006,833; July 2.
- Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Tank construction. 2,026,501; Dec. 31.
- Jensen, Johannes, Aagaard, Denmark. Sheet piling. 2,018,446; Oct. 22.
- Jensen, Karl E., Danville, Ill., assignor to E. F. Kemp, Washington, D. C. Hand protector. 2,001,961; May 21.
- Jensen, Karl J., Nydalen, V. Aker, near Oslo, assignor to Gunnar Larsen Whist, Oslo, Norway. Machine for twisting metal wires. 1,998,582; Apr. 23.
- Jensen, Lloyd E., assignor to Industrial Patents Corporation, Chicago, Ill. Meat treating method. 2,002,146; May 21.
- Jensen, Louis, Chicago, Ill., assignor to United Autographic Register Co. Autographic register. 1,988,033; Jan. 15.
- Jensen, Louis, assignor to United Autographic Register Co., Chicago, Ill. Autographic register. 1,990,286; Feb. 5.
- Jensen, Louis, Chicago, Ill., assignor to United Autographic Register Co. Typewriter attachment. 1,995,102; Mar. 19.
- Jensen, Louis, Chicago, Ill., assignor to United Autographic Register Co. Typewriter attachment. 1,998,196; Apr. 16.

- Jensen, Louis, assignor to United Autographic Register Co., Chicago, Ill. Typewriter attachment. 2,000,641; May 7.
- Jensen, Louis, assignor to United Autographic Register Co., Chicago, Ill. Duplicating machine and method. 2,025,414; Dec. 24.
- Jensen, Otto. (See Graves, H. C., Jr., and Jensen.)
- Jensen, Otto H., assignor to Tensstedt Manufacturing Company, Detroit, Mich. Metal bending machine. 2,022,915; Dec. 3.
- Jensen, Otto T., Fresno, Calif. Toy. 2,000,332; May 7.
- Jensen, Otto and K. Falck, assignors to I-T-E Circuit Breaker Company, Philadelphia, Pa. Detachable arc controlling structure. 1,996,112; Apr. 2.
- Jensen, Paul E. G., Brooklyn, N. Y., assignor to Radio Corporation of America. Remote control device. 2,018,364; Oct. 22.
- Jensen, Peter L., Alameda, Calif., assignor, by mesne assignments, to Jensen Radio Manufacturing Company, Chicago, Ill. Sound reproducer. 2,014,621; Sept. 17.
- Jensen Radio Manufacturing Company. (See Jensen, Peter L., assignor.)
- Jensen-Salsbery Laboratories, Inc. (See Austin, James A., assignor.)
- Jensen, Thermod, Laurelton, N. Y., assignor to American Machine & Foundry Company. Paper threader. 1,992,751; Feb. 26.
- Jensen, Walter E., and D. R. Vail, Chicago, Ill. Partition or cell case machine. 1,996,812; Apr. 9.
- Jensen, William B., assignor to American Box Board Company, Grand Rapids, Mich. Bulk loading box. 1,990,829; Feb. 12.
- Jenssen, Jacob D. (See de Jahn, F. W., and Jenssen.)
- Jeperfinger, Richard C. (See Erschen, C. F., and Jeperfinger.)
- Jephson, Allen C., Pittsburgh, Pa., assignor to National Radiator Corporation. Electrolytic deposit of iron. 1,991,678; Feb. 19.
- Jephson, Allen C., Johnstown, Pa., assignor to National Radiator Corporation. Electrolytic cell. 2,011,638; Aug. 20.
- Jeppesen, Kreston L. L. (See Chubbuck, L. B., Wishart, and Jeppesen.)
- Jeppsson, Ivar. (See McArdle, M. W., and Jeppsson.)
- Jeppsson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Clipper. 1,987,444; Jan. 8.
- Jeppsson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Can opener. 1,989,807; Feb. 5.
- Jeppsson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric scissors. 1,996,813; Apr. 9.
- Jeppsson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Freezer power attachment. 2,004,245; June 11.
- Jeppsson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Dispensing apparatus. 2,006,214; June 25.
- Jeppsson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Mixer. 2,013,887; Sept. 10.
- Jerguson, Philip A. (See Chalataw, Leon S., assignor.)
- Jerling, Gottfried, assignor of one-half to F. E. Hummel, Chicago, Ill. Doorlock. 2,006,457; July 2.
- Jermain, Herbert F., assignor to Movietone, Inc., New York, N. Y. Adapter. 1,986,269; Jan. 1.
- Jermář, František, Opava, Czechoslovakia. Hydrostatic weir. 1,994,314; Mar. 12.
- Jerome, Edwin R., Cranston, R. I., assignor to Victor Ring Traveler Company. Ring traveler. 2,016,925; Oct. 8.
- Jerome, Horace M., Ann Arbor, assignor to U. S. Pressed Steel Company, Ypsilanti, Mich. Oil-burning heater. 1,990,695; Feb. 12.
- Jerry, Carl R., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Metallic inlay decoration for spectacle cases. 2,022,316; Nov. 26.
- Jessen, Bern, Brooklyn, N. Y. Detachable heel lift. 2,006,995; July 2.
- Jessen, Jesse C., Los Angeles, Calif. Heater. 1,990,787; Feb. 12.
- Jessen, Theodor, Altona-Behrenfeld, Germany. Horn and howler for marine and naval use. 2,006,021; June 25.
- Jesser, Albert E., Vandergrift, assignor to Pittsburgh Steel Drum Company, Pittsburgh, Pa. Sealing ring. 2,005,341; June 18.
- Jessop Steel Company. (See Trembour, Max R., assignor.)
- Jessop Steel Company. (See Trembour, M. R. and Wilson, assignors.)
- Jester, Alfred T., Houston, Tex. Ringing repeater. 2,004,759; June 11.
- Jett, George C., Milwaukee, Wis. Draft mechanism for trailer wagons. 1,990,328; Feb. 5.
- Jett, George C., assignor of two-fifths to W. H. Stiemke, Milwaukee, Wis. Trailer. 1,995,854; Mar. 26.
- Jett, Hamer K., and H. L. Showalter, Brooksville, Ky. Seat back operating mechanism. 1,996,424; Apr. 2.
- Jett, Hamer K., and H. L. Showalter, Brooksville, Ky. Rumble seat lock. 2,022,886; Dec. 3.
- Jewell, Raymond L., Millcreek Township, Erie County, assignor to American Sterilizer Company, Erie, Pa. Electric controlling apparatus. 1,991,940; Feb. 19.
- Jewell, Raymond L., Millcreek Township, Erie County, assignor to American Sterilizer Company, Erie, Pa. Bedpan washer. 1,991,941; Feb. 19.
- Jewell, Raymond L., Millcreek Township, Erie County, assignor to American Sterilizer Company, Erie, Pa. Pressure gauge. 2,024,003; Dec. 10.
- Jewell, Raymond L., Millcreek Township, Erie County, and W. B. Underwood, Erie, assignors to American Sterilizer Company, Erie, Pa. Sterilizer. 2,024,004; Dec. 10.
- Jewett, John H., Jr., Lyons, N. Y. Thread manipulating device. 1,987,777; Jan. 15.
- Jewett, Joseph E., Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Electrical heating. 1,988,845; Jan. 22.
- Jewett, Joseph E., Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Electrolytic process and apparatus. 2,012,046; Aug. 20.
- Jewett, Joseph E., Mount Lebanon, Pa., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Production of monocarboxylic acids and their derivatives. 2,020,506; Nov. 12.
- Jewett, Maurice G., and S. C. Harris, assignors to Chain Belt Company, Milwaukee, Wis. Heat treated cast iron and producing the same. 2,008,452; July 16.
- Jezler, Hubert, Zurich, Switzerland. Valve mechanism. 2,003,081; May 28.
- Jiffy Duplicator Corporation. (See Newgard, Ingwald M., assignor.)
- Jimerson, Francis A., Athens, Pa., assignor to Ingersoll Rand Company, Jersey City, N. J. Braking mechanism. 2,000,959; May 14.
- Jimerson, Lynn, Cattaraugus Reservation, N. Y. Spinning top. 2,010,156; Aug. 6.
- Joachim, Hermann, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Sound-on film recording or reproducing apparatus. 2,026,232; Dec. 31.
- Joachimczyk, Martin, Berlin-Charlottenburg, Germany. Envelope machine. 1,990,944; Feb. 12.
- Joannides, John, Wilmington, Del. Wall structure. 2,012,630; Aug. 27.
- Joaquin, Nathan E. (See Praetorius, E., and Joaquin.)
- Jobski, Otto H. (See Born, W. F., and Jobski.)
- Jobst, Gunther, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device circuit. 1,987,684; Jan. 15.
- Jobst, Gunther, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Thermionic tube. 2,008,505; July 16.
- Jobst, Gunther, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron tube circuit scheme. 2,015,185; Sept. 24.
- Jobst, Gunther, and W. Wehnert, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radioreceiver. 1,987,956; Jan. 15.
- Jobst, Gunther, and W. Wehnert, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic volume control. 2,013,310; Sept. 3.
- Jochem, Oskar, Greiz-Dolau, and T. Hennig, Greiz, assignors to firm Zschimmer & Schwarz Chemische Fabrik Dölau, Greiz-Dolau, Germany. Aluminium formate and making the same. 2,019,415; Oct. 29.
- Jochimowicz, John. (See Walker, Fred, assignor.)
- Jochum, Kurt A., Voss, Frankfurt-on-the-Main, H. Geier, Mainz-Kastel, and E. Dickhäuser, Gersthofen, near Augsburg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Agent for sizing textile fibers. 1,998,544; Apr. 23.
- Jockers, Harry W., Philadelphia, Pa. Automatically controlled disinfectant heater. 1,995,886; Mar. 26.
- Joers, Carl F., Los Angeles, Calif. Flashlight. 2,001,363; May 14.
- Johansen, Thomas, deceased, Linthicum Heights, by the Fidelity Trust Company, and J. A. Jones, Baltimore, Md., administrator. Paper web connecting mechanism for printing presses. 2,005,037; June 18.
- Johaneč, George J., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system. 2,009,195; July 23.
- Johannes, Walter, Wolfen Kreis, Bitterfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of artificial sponges. 2,026,177; Dec. 31.
- Johannessohn, Fritz, Mannheim-Feudenheim, and E. Rabald, Mannheim, Germany, assignors to Rare Chemicals, Inc., Nepera Park, N. Y. Extracting sex hormones and a compound of a sex hormone with an alkaloid. 2,005,700; June 18.
- Johannesson, Karl Y., Berwick, Pa. Fountain pen desk set. 2,011,639; Aug. 20.
- Johannsen, Adolf. (See Drossbach, O., and Johannsen.)
- Johannsen, Adolf. (See Scharff, M., Brode, Johannsen, and Reichart.)
- Johannsen, Emil L., Dubuque, Iowa. Receptacle. 2,009,805; July 30.
- Johannsen, Friedrich, Magdeburg, Germany. Roasting furnace. 2,007,121; July 2.
- Johannsen, Friedrich, Magdeburg, assignor to Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Apparatus for the distillation of zinc and other volatile metals. 2,007,382; July 9.
- Johannsen, Friedrich, Magdeburg, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Distillation of readily volatilizable metals. 2,017,401; Oct. 15.
- Johansen, Hans, Cleveland, Ohio. Yieldable coupling member. 2,023,527; Dec. 10.
- Johansen, Harry C., Michigan City, Ind., assignor to Sullivan Machinery Company. Chuck mechanism. 2,012,280; Aug. 27.

- Johanson, Emil G., assignor of one-third to A. Turning, and one-third to M. Tallitsch, Chicago, Ill. Flying machine. 2,019,909; Nov. 5.
- Johanson, Eric W., St. Charles, Ill. Golf practicing device. 2,017,661; Oct. 15.
- Johanson, John E. (See Drake, F. H., and Johanson.)
- Johanson, Karl E., Bedford Park, Ill. Overhead door construction for garages and other buildings. 2,015,402; Sept. 24.
- Johanson, Karl G., Concord Junction, Mass. Folding chair. 1,989,865; Feb. 5.
- Johanson, Karl G., West Concord, Mass. Folding table. 1,990,032; Feb. 5.
- Johansson, Axel G. (See Hellner, K. G., and Johansson.)
- Johansson, Carl E., Detroit, Mich. Apparatus for demonstrating the adhesion of flat surfaces. 1,991,854; Feb. 19.
- Johansson, Ernest G., Watertown, assignor to The Palmer Electric & Manufacturing Co., Waltham, Mass. Switch and fuse mechanism. 2,004,327; June 11.
- Johansson, Ernest G., Watertown, assignor to The Palmer Electric & Manufacturing Co., Waltham, Mass. Fuse mechanism. 2,004,328; June 11.
- Johansson, Ernest G., Watertown, assignor to The Palmer Electric & Manufacturing Co., Waltham, Mass. Switch for electric meters. 2,004,329; June 11.
- Johansson, Ernest G., Watertown, assignor to The Palmer Electric & Manufacturing Co., Waltham, Mass. Apparatus for multiple meter installation. 2,015,112; Sept. 24.
- Johansson, Ernest G., Watertown, assignor to The Palmer Electric & Manufacturing Co., Waltham, Mass. Electric switch. 2,019,416; Oct. 29.
- Johansson, Ernest G., Watertown, assignor to The Palmer Electric & Manufacturing Co., Waltham, Mass. Switch box. 2,019,862; Nov. 5.
- John, Robert, New York, N. Y. Electric range. 2,001,326; May 14.
- John, Robert, New York, N. Y. Air purifier. 2,012,761; Aug. 27.
- John, Wesley E., Johannesburg, Transvaal, Union of South Africa. Modifying the transmitted light in moving lens cinematograph machines. 2,016,803; Oct. 8.
- Johnner, Gunnar R., Portland, Oreg. Holding and dispensing device. 2,008,213; July 16.
- Johns, Arthur D., Jr., Vancouver, British Columbia, Canada. Traffic signal. 2,020,610; Nov. 12.
- Johns, Arthur W., Los Angeles, C. O. Thrasher, S. R. Earl, Southgate, and J. Pechacek, Norwalk, Calif. Tool. 2,012,312; Aug. 27.
- Johns, Carl A., Chicago, Ill. Shelf. 2,005,372; June 18.
- Johns, George M., near Sappington, Mo. Coin selector. 2,000,519; May 7.
- Johns, George M., Sappington, E. K. Smith, and T. T. Richards, assignors to Smith Johns, Inc., St. Louis, Mo. Guy anchor. 1,994,520; Mar. 19.
- Johns, Hays, and V. F. Dobbins, Cleveland, Ohio, assignors, by mesne assignments, to Sterling Cable Corporation. Insulated cable. 1,987,508; Jan. 8.
- Johns, Henry S., North Grimsby Township, Lincoln County, Ontario, assignor to Bancraft Holdings Limited, Hamilton, Ontario, Canada. Conveying mechanism. 2,013,242; Sept. 3.
- Johns, Ilyland R. (See Wildrick, Meade, assignor.)
- Johns-Manville Corporation. (See Beckwith, C. J., and Parsons, assignors.)
- Johns-Manville Corporation. (See Cannon, Phillip D., assignor.)
- Johns-Manville Corporation. (See Cartmill, Loyd E., assignor.)
- Johns-Manville Corporation. (See Christenson, George, assignor.)
- Johns-Manville Corporation. (See Clarvoe, George W., assignor.)
- Johns-Manville Corporation. (See Collier, Simon, assignor.)
- Johns-Manville Corporation. (See Coss, Harold T., assignor.)
- Johns-Manville Corporation. (See Dillingham, C. K., and Cannon, assignors.)
- Johns-Manville Corporation. (See Hemphill, James W., assignor.)
- Johns-Manville Corporation. (See Hess, Freas L., assignor.)
- Johns-Manville Corporation. (See Holcomb, Harry E., assignor.)
- Johns-Manville Corporation. (See Hurrell, Elmer S., assignor.)
- Johns-Manville Corporation. (See Jenkins, Edward M., assignor.)
- Johns-Manville Corporation. (See Johnson, Hilding E., assignor.)
- Johns-Manville Corporation. (See Kellogg, George D., assignor.)
- Johns-Manville Corporation. (See Mallay, Paul D., assignor.)
- Johns-Manville Corporation. (See Mallay, P. D., and Poulson, assignors.)
- Johns-Manville Corporation. (See McQuade, Walter, assignor.)
- Johns-Manville Corporation. (See O'Brien, Howard J., assignor.)
- Johns-Manville Corporation. (See O'Neil, Carlton J., assignor.)
- Johns-Manville Corporation. (See O'Neil, Thomas J., assignor.)
- Johns-Manville Corporation. (See Parsons, Raymond V., assignor.)
- Johns-Manville Corporation. (See Powell, Edward R., assignor.)
- Johns-Manville Corporation. (See Rembert, Ernest W., assignor.)
- Johns-Manville Corporation. (See Rolfs, E. L., Fuller, assignors.)
- Johns-Manville Corporation. (See Rowe, William L., assignor.)
- Johns-Manville Corporation. (See Ruffine, Kenneth W., assignor.)
- Johns-Manville Corporation. (See Schuetz, Clyde C., assignor.)
- Johns-Manville Corporation. (See Seigle, William R., assignor.)
- Johns-Manville Corporation. (See Toohey, Edward A., assignor.)
- Johns-Manville Corporation. (See Toohey, E. A., and Hughes, assignors.)
- Johns-Manville Corporation. (See Toohey and Kershaw, assignors.)
- Johns-Manville Corporation. (See Townshend, Bailey, assignor.)
- Johns-Manville Corporation. (See Voigt, Paul A., assignor.)
- Johns-Manville Corporation. (See Voigt, P. A., and Shultis, assignors.)
- Johns-Manville Corporation. (See Wells, Edward H., Jr., assignor.)
- Johns-Manville Corporation. (See Williams, Earle R., assignor.)
- Johns-Manville Corporation. (See Ximenez, Manuel R., assignor.)
- Johns-Manville Products Corporation. (See Powell, Edward R., assignor.)
- Johnsen, Henrik S., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Upholstery installation. 2,018,640; Oct. 22.
- Johnsen, Richard C., Hillside, N. J. Hedge trimming device. 2,005,862; June 25.
- Johnson, Adolph N., Chicago, Ill. Fishing trolley sinker. 1,992,619; Feb. 26.
- Johnson, Albert, New York, N. Y. Lubricator. 2,011,717; Aug. 20.
- Johnson, Albert S., assignor to Johnson Connector Company, Ltd., Los Angeles, Calif. Drawbar guide for automatic train pipe connectors. 1,990,651; Feb. 12.
- Johnson, Albert S., assignor to Johnson Connector Company, Ltd., Los Angeles, Calif. Automatic train pipe connector. 1,990,652; Feb. 12.
- Johnson, Albin, Belding, Mich. Chair. 2,002,118; May 21.
- Johnson, Alexandra K., Plattsburg, N. Y. Headlight. 2,018,788; Oct. 29.
- Johnson, Alfred, West New Brighton, N. Y., and C. E. Howson, Elizabeth, N. J., assignors to Combustion Utilities Corporation, New York, N. Y. Production of synthetic resins. 1,994,714; Mar. 19.
- Johnson, Algot F., Minneapolis, Minn. Underwater drilling apparatus. 2,001,576; May 14.
- Johnson, Allen J., Lansdowne, Pa., assignor to Anthracite Equipment Corporation. Tuyere fire pot. 2,007,372; July 9.
- Johnson, Amandus, Philadelphia, Pa. Fence post. 2,011,716; Aug. 20.
- Johnson, Anton, West Hampton, N. Y. Interchangeable skate and shoe. 1,991,855; Feb. 19.
- Johnson, Arnold E. W. (See Johnston, E. A., Raney and Johnson.)
- Johnson, Arnold E. W., Chicago, Ill., assignor to International Harvester Company. Tillage disk bearing. 2,005,547; June 18.
- Johnson, Arthur A., Great Neck, N. Y. Curing concrete. 2,000,759; May 7.
- Johnson, Arthur A., assignor to Dictaphone Corporation, Bridgeport, Conn. Phonograph. 1,992,575; Feb. 26.
- Johnson, Arthur A., Bridgeport, Conn., assignor to Autographic Register Company, Hoboken, N. J. Manifold ing. 2,003,149; May 28.
- Johnson, Arthur A., Bridgeport, Conn., assignor to Autographic Register Company, Hoboken, N. J. Typewriting machine. 2,003,858; June 4.
- Johnson, Arthur A., assignor to Dictaphone Corporation, Bridgeport, Conn. Phonograph. 2,008,356; July 16.
- Johnson, Arthur A., assignor to Dictaphone Corporation, Bridgeport, Conn. Phonograph. 2,010,785; Aug. 6.
- Johnson, Arthur A., assignor to John I. Paulding, Inc., New Bedford, Mass. Electric switch. 2,000,447; May 7.
- Johnson, Arthur M., Lake Lillian, Minn. Closure fastener. 2,020,188; Nov. 5.
- Johnson, Arthur S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating machine. 1,986,822; Jan. 8.
- Johnson, Arthur S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating articles. 1,987,829; Jan. 15.
- Johnson, Arthur S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Preparing soles. 1,992,213; Feb. 26.
- Johnson, Arthur S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. French-binding straightening machine. 1,994,580; Mar. 19.

- Johnson, Arthur S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Book cover cementing machine. 1,999,294; Apr. 30.
- Johnson, Asa S., Paulsboro, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Drum cleaning machine. 1,986,204; Jan. 1.
- Johnson Automatic Sealer Co. (See Richard, Charles F., assignor.)
- Johnson Automatic Sealer Co., Ltd. (See Richard, Charles F., assignor.)
- Johnson & Bassett, Inc. (See Congdon, James W. H., assignor.)
- Johnson & Bassett, Inc. (See Williams, C. E., and Congdon, assignors.)
- Johnson, Ben P., assignor to E. E. Greiner, Springfield, Vt. Seeding machine. 2,014,334; Sept. 10.
- Johnson, Blythe. (See Lescher, John J., assignor.)
- Johnson, Boyd M., Metuchen, N. J., assignor to The Carborundum Company, Niagara Falls, N. Y. Furnace wall. 1,992,620; Feb. 26.
- Johnson, Bror A. E., Alsten, Sweden, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Apparatus for banding boxes. 1,991,281; Feb. 12.
- Johnson, Bror A. E., Alsten, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Apparatus for banding boxes. 2,008,867; July 23.
- Johnson, Bror A. E., and G. Orström, Alsten, assignors to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Apparatus for shaping and packaging cigars. 2,019,080; Oct. 29.
- Johnson Brothers Engineering Corporation. (See Johnson, H. L., and Karasinski, assignors.)
- Johnson Brothers Engineering Corporation. (See Linthwaite, Owen C., assignor.)
- Johnson, Carl A., Chicago, Ill. Artificial fishing bait. 2,017,903; Oct. 22.
- Johnson, Carl A., assignor to Art Metal Construction Company, Jamestown, N. Y. Paneled structure. 2,020,360; Nov. 12.
- Johnson, Carl E. (See McCann, J. F., and Johnson.)
- Johnson, Carl O., Indianapolis, Ind. Exuding metatarsal pad and heel cup. 2,021,729; Nov. 19.
- Johnson, Carl V., assignor to Bendix Research Corporation, South Bend, Ind. Oleo gear. 1,990,033; Feb. 5.
- Johnson, Charles, assignor to Mattison Machine Works, Rockford, Ill. Abrading machine. 2,002,665; May 28.
- Johnson, Charles, and C. L. Mattison, Rockford, Ill. Assignors to Mattison Machine Works, Rockford, Ill. Abrading or polishing machine. 2,002,666; May 28.
- Johnson, Charles E., Paterson, N. J. Warp sizing machine. 2,007,828; July 9.
- Johnson, Charles D., assignor to Johnson Steel & Wire Company, Inc., Worcester, Mass. Wire straightener. 1,987,741; Jan. 15.
- Johnson, Charles D., assignor to Johnson Steel & Wire Company, Inc., Worcester, Mass. Wire-drawing apparatus. 2,024,768; Dec. 17.
- Johnson, Charles D., assignor to Johnson Steel & Wire Company, Inc., Worcester, Mass. Wire-drawing apparatus. 2,024,769; Dec. 17.
- Johnson, Charles E., North Muskegon, Mich. Self-adjusting mechanical valve-tappet. 1,986,579; Jan. 1.
- Johnson, Charles E., North Muskegon, Mich. Making piston rings. 1,988,738; Jan. 22.
- Johnson, Charles E., North Muskegon, Mich. Piston ring expander. 1,989,987; Feb. 5.
- Johnson, Charles E., North Muskegon, Mich. Self locking valve tappet. 1,993,996; Mar. 12.
- Johnson, Charles E., North Muskegon, Mich. Piston spreader. 1,993,997; Mar. 12.
- Johnson, Charles E., North Muskegon, Mich. Hydraulic tappet. 2,006,641; July 2.
- Johnson, Charles E., North Muskegon, Mich. Piston spreader. 2,017,312; Oct. 15.
- Johnson, Charles E., North Muskegon, assignor to Sealed Power Corporation, Muskegon, Mich. Piston spreader. 2,015,273; Sept. 24.
- Johnson, Charles E., Muskegon, Mich. Repeating gun. 2,006,642; July 2.
- Johnson, Charles E., Muskegon, Mich., assignor, by mesne assignments, to The Perfect Circle Company, Hagerstown, Ind. Piston ring. 1,996,998; Apr. 9.
- Johnson, Charles E., Whitman, assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Machine for splitting soles. 1,992,952; Mar. 5.
- Johnson, Charles E., Chicago, Ill., assignor to The Vitro-life Company. Panel attaching means. 2,009,960; July 30.
- Johnson, Charles H., and O. Joslin, Nashville, Tenn. Anchor holding tie plate. 1,990,465; Feb. 5.
- Johnson, Charles I., assignor to Nestor Johnson Mfg. Co., Chicago, Ill. Hockey shoe. 1,986,580; Jan. 1.
- Johnson, Charles S., Champaign, Ill. Weighing batcher. 2,008,305; July 16.
- Johnson, Charlie C. (See Carmichael, H. McK., Johnson, and Hankins.)
- Johnson, Chester W. (See Hunter, I. E., and Johnson.)
- Johnson, Clarence E., Quincy, Ill. Foldable chair. 2,001,252; May 14.
- Johnson, Clarence G., Hartford City, Ind. Sliding door construction. 2,008,959; July 23.
- Johnson, Clarence G., and H. C. Blodgett, assignors to Overhead Door Corporation, Hartford City, Ind. Door construction. 1,995,773; Mar. 26.
- Johnson, Clarence G., and H. C. Blodgett, Hartford City, assignors to Overhead Door Corporation, Hartford City, Ind. Multiple door construction. 2,026,091; Dec. 31.
- Johnson, Clarence H., et al. (See Behm, Albert W., assignor.)
- Johnson, Clifford N. (See Duncan, J. K., and Johnson.)
- Johnson, Clifford N., Chicago, and K. W. Carr, Oak Park, assignors to Ditto, Incorporated, Chicago, Ill. Stencil type duplicating machine. 1,986,205; Jan. 1.
- Johnson, Clifford N., Chicago, and A. Marchev, LaGrange, assignors to Ditto, Incorporated, Chicago, Ill. Rotary duplicator. 1,993,556; Mar. 5.
- Johnson, Clyde R., Princeton, N. J. Smoker's novelty. 2,015,524; Sept. 24.
- Johnson Connector Company. (See Johnson, Albert S., assignor.)
- Johnson, Corydon M., Farmingdale, N. Y. Muffler. 1,991,748; Feb. 19.
- Johnson, David E., Rockford, Ill. Ornamental knob and the formation thereof. 2,002,817; May 28.
- Johnson, Edgar H., Putnam, Conn. Panning machine. 1,992,430; Feb. 26.
- Johnson, Edward E., assignor to Edward E. Johnson Incorporated, St. Paul, Minn. Water softener device. 1,993,142; Mar. 5.
- Johnson, Edward E. Incorporated. (See Johnson, Edward E., assignor.)
- Johnson, Edward H., Toledo, Ohio, assignor to The Closure Service Company. Making sheet metal caps. 2,018,022; Oct. 22.
- Johnson, Edward S., Seven Mile, Ohio. Gas tank alarm. 2,004,872; June 11.
- Johnson, Edwin A., Houston, Tex., assignor, by mesne assignments, to F. J. Hinderliter, Tulsa, Okla. Pressure head for oil wells. 2,001,684; May 14.
- Johnson, Edwin L., Brownsburg, Quebec, Canada, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Shot shell and making same. 2,023,888; Dec. 10.
- Johnson, Eldridge R. F., Moorestown, assignor to Mechanical Improvements Corporation, Camden, N. J. Key-holder. 1,996,705; Apr. 2.
- Johnson, Ellsworth T., assignor to Deere & Company, Moline, Ill. Agricultural implement. 2,003,365; June 4.
- Johnson, Elvin H., Winnetka, Ill. Builder's hardware. 1,986,677; Jan. 1.
- Johnson, Emil C., Falconer, N. Y. Plastic luting composition. 1,999,175; Apr. 30.
- Johnson, Ernest B. (See Heeren, A. A., and Johnson.)
- Johnson, Ernest C., Somerset, Pa. Leverage changing mechanism for motor vehicle brakes. 2,001,327; May 14.
- Johnson, Essie F. (See Johnson, Wiley B., assignor.)
- Johnson, Flora E. (See Johnson, Samuel C., assignor.)
- Johnson, Forrest A., assignor to Bell & Gossett Company, Chicago, Ill. Submerged water heating device. 1,987,855; Jan. 15.
- Johnson, Frank E. (See Conklin, R. D., and Johnson.)
- Johnson, Frank E., assignor to John I. Paulding, Inc., New Bedford, Mass. Pull chain socket. 2,001,425; May 14.
- Johnson, Frank J., and G. Johnson, Glenside, Pa. Automatic coal stoker. 2,003,199; May 28.
- Johnson, Frank L., Brattleboro, Vt. Rack for holding twist drills. 2,002,983; May 28.
- Johnson, Frank N., Cincinnati, Ohio. Arcograph. 2,006,769; July 2.
- Johnson, Frank W. (See Clarkson, R. G., and Johnson.)
- Johnson, Frank W., Pennsgrove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluoroaminoanthraquinone and its preparation. 2,013,657; Sept. 10.
- Johnson, Frank W., South Pasadena, and H. H. Patterson, Los Angeles, Calif. Case. 2,016,009; Oct. 1.
- Johnson, Frederick O., Beacon, N. Y. Combination roll making machine. 2,012,682; Aug. 27.
- Johnson, George H., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Hinge. 1,998,319; Apr. 16.
- Johnson, George T., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Draft gear mechanism. 1,992,701; Feb. 26.
- Johnson, George T., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Car construction. 2,004,330; June 11.
- Johnson, George T., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Freight car underframing or the like. 2,010,024; Aug. 6.
- Johnson, George T., Columbus, assignor to The Buckeye Steel Casting Company, Columbus, Ohio. Car end construction. 2,019,910; Nov. 5.
- Johnson, George T., and H. H. Wolfe, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Car coupler mechanism. 2,016,237; Oct. 1.
- Johnson, George W., Camden, N. J. Semiautomatic reserve container for liquid tanks. 2,007,428; July 9.
- Johnson, George W., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Pressing machine and control mechanism therefor. 2,007,607; July 9.

- Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Automatic tail clamp for presses. 2,015,900; Oct. 1.
- Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Tandem control for pressing machines. 2,018,172; Oct. 22.
- Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Dry cleaning apparatus. 2,019,011; Oct. 29.
- Johnson, George W., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Ironing machine attachment. 2,020,029; Nov. 5.
- Johnson, George W., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Pressing element for pressing machines. 2,020,030; Nov. 5.
- Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine. 2,025,057; Dec. 24.
- Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine. 2,025,058; Dec. 24.
- Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine control. 2,026,508; Dec. 31.
- Johnson, George W., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Pressing element. 2,026,346; Dec. 31.
- Johnson, Gerald. (See Johnson, Frank J., and G.)
- Johnson, Glen A., assignor to H. E. and I. H. Stant, Connersville, Ind. Reserve tank control. 1,990,604; Feb. 12.
- Johnson, Glen A., assignor to Stant Manufacturing Company, Connersville, Ind. Reserve tank control. 1,990,605; Feb. 12.
- Johnson, Glenn D., Compton, assignor to J. Warren MacClatchie, doing business as MacClatchie Manufacturing Company, Compton, Calif. Piston rod. 2,025,288; Dec. 24.
- Johnson, Gordon W., Kansas City, Mo. Collapsible tube. 2,021,653; Nov. 19.
- Johnson, Gunnar L., Jamestown, N. Y. Sash window. 2,018,308; Oct. 22.
- Johnson, Gunnar R., Milton, Mass. Bottle attachment. 2,003,594; June 4.
- Johnson, Gustaf O., Elkhart, Ind., assignor to Loshbough-Jordan Tool & Machine Co. Flywheel mounting. 2,005,941; June 25.
- Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Multiple operated fastening installation. 2,015,034; Sept. 17.
- Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Separable end fastener members for multiple operated fasteners. 2,015,035; Sept. 17.
- Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Turn operated fastener and installation. 2,025,686; Dec. 24.
- Johnson, Gustave A., Newark, N. J., assignor to Electrical Patent Holding Corporation, New York, N. Y. Portable electric heater. 2,003,714; June 4.
- Johnson, Gustave A., assignor to New England Bedding Company, Medford, Mass. Hammock. 2,014,651; Sept. 17.
- Johnson, Gustave T. (See White, C. L., and Johnson.)
- Johnson, Gustave T., assignor to Yates-American Machine Company, Beloit, Wis. Double tilting arbor saw. 1,988,243; Jan. 15.
- Johnson, Harold E., Evanston, assignor to Chicago Rawhide Manufacturing Company, Chicago, Ill. Sealing means. 2,001,138; May 14.
- Johnson, Harold E., Evanston, assignor to Chicago Rawhide Manufacturing Company, Chicago, Ill. Sealing means. 2,008,830; July 23.
- Johnson, Harold L., Chicago, Ill. Keeper. 2,010,395; Aug. 6.
- Johnson, Harry L. (See Gray, C. C., and Johnson.)
- Johnson, Harry L., and R. Karasinski, Waukegan, Ill., assignors to Johnson Brothers Engineering Corporation, South Bend, Ind. Outboard motor. 2,019,136; Oct. 29.
- Johnson, Harry R., Baltimore, Ohio. Reflector belt. 2,003,504; July 2.
- Johnson, Harvey S., and A. C. Schroeder, assignors to The Rossert Corporation, Utica, N. Y. Meat cooker. 1,990,734; Feb. 12.
- Johnson, Henry C., Colton, Calif. Service station. 2,002,777; May 28.
- Johnson, Henry D., Jr., and W. T. Sullivan, Norwich, assignors to J. B. Martin Company, Norwich, Conn. Automatic loom. 2,017,065; Oct. 15.
- Johnson, Henry G., assignor to Summit Thread Company, East Hampton, Conn. Cop winding machine. 1,990,696; Feb. 12.
- Johnson, Herbert W. (See Bitzer, E. W., and Johnson.)
- Johnson, Hilding E., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Permeable ceramic material and making the same. 1,992,916; Feb. 26.
- Johnson, Homer E., McPherson, Kans. Drill string section. 2,021,451; Nov. 19.
- Johnson, Howard F., assignor to The Champion Machine & Forging Company, Cleveland, Ohio. Gasket for pipe joints. 1,994,361; Mar. 12.
- Johnson, Howard F., assignor to The Champion Machine & Forging Company, Cleveland, Ohio. Pipe coupling. 2,020,554; Nov. 12.
- Johnson, Hugh A., assignor to Hupp Motor Car Corporation, Detroit, Mich. Vehicle body construction. 2,001,877; May 21.
- Johnson, Hugh A., assignor to Hupp Motor Car Company, Detroit, Mich. Motor vehicle. 2,001,878; May 21.
- Johnson, Hugo C., San Francisco, Calif. Clasp. 2,013,465; Sept. 3.
- Johnson, Ida M. (See Hoffritz, Charles W., assignor.)
- Johnson, Iver M., Attleboro, assignor to Evans Case Company, North Attleboro, Mass. Receptacle and making same. 2,009,180; July 23.
- Johnson, James H., Washington, D. C. Combination cape, mat, and bag. 2,024,044; Dec. 10.
- Johnson, James P., Shaker Heights, Ohio. Variable speed transmission. 2,005,227; June 18.
- Johnson, James P., Cleveland, Ohio. Internal combustion engine primer. 2,012,721; Aug. 27.
- Johnson, James R., San Francisco, Calif., assignor to Forderer Cornice Works. Apparatus for anchoring masonry to concrete structures. 1,988,124; Jan. 15.
- Johnson, James W., assignor of one-half to A. H. Massey, Los Angeles, Calif. Egg handling device. 2,011,972; Aug. 20.
- Johnson, Jesse C., Oakland, Calif. Vertical flue boiler. 2,013,828; Sept. 10.
- Johnson, Johan S., assignor to Container Patents, Inc., Chicago, Ill. Container. 2,008,762; July 23.
- Johnson, John, Cheam, England. Steam generator. 1,997,934; Apr. 16.
- Johnson, John, Manville, N. J. Alloy. 2,014,083; Sept. 10.
- Johnson, John A., North Mankato, Minn. Container. 1,993,329; Mar. 5.
- Johnson, John A., Everett, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cam-motion. 2,007,274; July 9.
- Johnson, John A., assignor to National Supply & Service Corporation, Crawfordsville, Ind. Spark arrester. 2,010,862; Aug. 13.
- Johnson, John A., Woodhaven, N. Y. Apparatus for assembling receptacle closure caps. 2,017,124; Oct. 15.
- Johnson, John A., Jamestown, assignor, by mesne assignments, to Art Metal Construction Company, Jamestown, N. Y. Paper file. 2,018,641; Oct. 22.
- Johnson, John A., and W. E. McVay, assignors to National Supply & Service Corporation, Crawfordsville, Ind. Dust applicator. 2,018,525; Oct. 22.
- Johnson, John E., Wakefield, Mass. Joint for standpipes and the like. 2,024,579; Dec. 17.
- Johnson, John H., Buffalo, Minn. Reciprocating engine. 2,001,577; May 14.
- Johnson, John K., Rye, N. Y., assignor to Hazeltine Corporation. Tone control. 2,018,526; Oct. 22.
- Johnson, John K., Rye, N. Y., assignor to Hazeltine Corporation. Radioreceiver. 2,022,085; Nov. 26.
- Johnson, John M., Kansas City, Mo. Thermostat. 2,002,031; May 21.
- Johnson, John P., and O. Christensen, Shelton, Conn. Safety lock for automobile inside door handles. 2,026,389; Dec. 31.
- Johnson, John R., assignor to Ingersoll Milling Machine Company, Rockford, Ill. Boring head. 2,012,047; Aug. 20.
- Johnson, John R., and A. Oberhoffen, assignors to Ingersoll Milling Machine Company, Rockford, Ill. Boring machine. 2,010,157; Aug. 6.
- Johnson & Johnson. (See Brodsky, Michael M., assignor.)
- Johnson & Johnson. (See Kilmer, F. B., and Hawthorne, assignors.)
- Johnson & Johnson. (See Manley, Frank N., assignor.)
- Johnson & Johnson. (See Mathey, G. S., and Schaeffer, assignors.)
- Johnson & Johnson. (See Rohlfing, Andrew A., assignor.)
- Johnson, Joseph B. (See Arms, M. H., and Johnson.)
- Johnson, Joseph E., Boston, Mass. Weather strip. 2,002,984; May 28.
- Johnson, Joseph E., West Roxbury, Mass. Window screen structure. 2,013,155; Sept. 3.
- Johnson, Joseph N., Ilkley, England. Portable internal-combustion actuated tamping machine or rammer. 2,009,929; July 30.
- Johnson, Joseph W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacturing shoes. 1,998,505; Apr. 23.
- Johnson, Joseph W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method and composition for use in the cement attaching of shoe parts. 1,999,295; Apr. 30.
- Johnson, Kathryn T., Berkeley Springs, W. Va. Cigarette package. 1,992,373; Feb. 26.
- Johnson, Kenneth S. (See Gooderham, J. W., Budenbom, and Johnson.)
- Johnson Laboratories, Inc. (See Crossley, Alfred, assignor.)
- Johnson Laboratories, Inc. (See Crossley, A., and Meinema, assignors.)
- Johnson Laboratories, Inc. (See Polydoroff, Wladimir J., assignor.)
- Johnson, Lambert D., N. F. True, and H. H. Engel, assignors to Mead Johnson & Company, Evansville, Ind. Food product and method. 1,990,329; Feb. 5.

- Johnson, Lawrence R., assignor to The Chandler & Price Company, Cleveland, Ohio. Platen printing press. 2,004,812; June 11.
- Johnson, Leonard W., Batavia, Ill. Expansible honing tool. 1,991,220; Feb. 12.
- Johnson, Leonard W., Batavia, Ill. Making a valve guide cleaner. 2,009,496; July 30.
- Johnson, Lillian R., Chicago, Ill. Curtain fixture. 2,011,815; Aug. 20.
- Johnson-Losee Corporation. (See Losee, Daniel W., assignor.)
- Johnson, Louis H., assignor to Southern Equipment Company, San Antonio, Tex. Steering device for trailers. 2,002,604; May 28.
- Johnson, Manfred J. (See Beard, T. H., Johnson, and Renholdt.)
- Johnson, Manfred J., Bridgeport, Conn. Magnetic control device. 2,014,194; Sept. 10.
- Johnson, Martin A., San Marino, Calif. Train reporting mechanism. 2,020,146; Nov. 5.
- Johnson, Matthey, & Company Limited. (See Powell, A. R., and Box, assignors.)
- Johnson Matthey & Company. (See Turner, Harold, assignor.)
- Johnson, Maxwell O., Wahiawa, Hawaii. Spray composition. 2,013,272; Sept. 3.
- Johnson, Melvin F., et al. (See Taylor, Raymond R., assignor.)
- Johnson Metal Products Company. (See Johnson, Theodore, assignor.)
- Johnson, Milton C., Company. (See Neff, John W., assignor.)
- Johnson, Minor W., and J. J. Lester, Nashville, Tenn., assignors of one-half to said Lester and one-half to A. L. Hanover. Holder for toothpaste tubes. 2,016,269; Oct. 1.
- Johnson Motor Company. (See Rayniak, Joseph G., assignor.)
- Johnson, Nelson V., Fullerton, and J. B. and P. H. Ordin, Los Angeles, and A. Sobinski, Fullerton, Calif. Hair drying apparatus. 1,998,159; Apr. 16.
- Johnson Oil Refining Company. (See Frey, Franklin P., assignor.)
- Johnson, Oliver W., and P. S. Williams, Palo Alto, Calif. Combustible gas analysis apparatus. 2,023,731; Dec. 10.
- Johnson, Oscar. (See Ellis, R. E., and Johnson.)
- Johnson, Oscar, Nahant, Mass. Water heater. 1,991,557; Feb. 19.
- Johnson, Oscar L., assignor, by mesne assignments, of one-half to Lug-Lox Flooring Company, and one-half to Leon F. Urban, Chicago, Ill. Attaching floor boards. 2,004,917; June 11.
- Johnson, Oscar W., Chicago, Ill. Shrinkage compensating device. 1,989,931; Feb. 5.
- Johnson, Oscar W., Rochester, N. Y., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Turret press. 1,997,219; Apr. 9.
- Johnson, Oscar W., Rochester, N. Y., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Fluid operated motor. 2,026,347; Dec. 31.
- Johnson, Otis, Tacoma, Wash. Glue and manufacturing the same. 1,992,867; Feb. 26.
- Johnson, Paul, Vancouver, British Columbia, Canada. Folding box with integral spout. 2,010,863; Aug. 13.
- Johnson, Paul H., Muskegon, Mich. Swinging and swiveling chair. 2,024,045; Dec. 10.
- Johnson, Percy G., Letchworth, assignor to Victaulic Company Limited, London, England. Packing for pipe joints. 2,001,614; May 14.
- Johnson, Philip T., Brooklyn, N. Y., assignor to Foot Form of Brooklyn Inc., New York, N. Y. Shoe. 2,021,067; Nov. 12.
- Johnson, Reginald H., Maplewood, N. J., assignor to American Hair & Felt Company, Chicago, Ill. Felt punching loom. 2,004,725; June 11.
- Johnson, Reynold B., Minneapolis, Minn., assignor to International Business Machines Corporation, New York, N. Y. Electrical examination paper scoring device. 1,997,178; Apr. 9.
- Johnson, Richard F., San Antonio, Tex. Well drill bit. 2,010,236; Aug. 6.
- Johnson, Roy L., Randolph, Vt., assignor to The Demeritt Company, Waterbury, Vt. Combination case and display. 2,020,782; Nov. 12.
- Johnson, Roy W., Milwaukee, Wis. Time controlled mechanism. 2,025,511; Dec. 24.
- Johnson, S. C., & Son, Inc. (See Beach, Chester H., assignor.)
- Johnson, S. C. & Son, Inc. (See Collier, James, assignor.)
- Johnson, Samuel C., assignor to F. E. Johnson, Wolf Summit, W. Va. Lingerie clasp. 2,015,113; Sept. 24.
- Johnson, Samuel J., assignor to Clopay Corporation, Cincinnati, Ohio. Window shade. 2,021,106; Nov. 12.
- Johnson Service Company. (See Otto, Arthur J., assignor.)
- Johnson Service Company. (See Otto, Carl A., assignor.)
- Johnson, Silvie L., Catonsville, Md. Method of and apparatus for aritating mixtures. 1,997,935; Apr. 16.
- Johnson, Stanley G., Grosse Pointe, Mich., assignor to The Burkhardt Company. Loose leaf binder. 2,000,081; May 7.
- Johnson, Stanley G., Grosse Pointe, Mich., assignor to The Burkhardt Company. Loose leaf binder. 2,000,844; May 7.
- Johnson Steel & Wire Company. (See Giffin, Otho L., assignor.)
- Johnson Steel & Wire Company. (See Johnson, Charles D., assignor.)
- Johnson, Stephen, Jr. (See Vorech, S., and Johnson.)
- Johnson, Stephen, Jr., assignor to Bendix Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Compressor unloading mechanism. 2,015,801; Oct. 1.
- Johnson, Stephen, Jr., assignor to Bendix Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,018,212; Oct. 22.
- Johnson, Stephen, Jr., and W. A. Eaton, assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Lubricating mechanism. 1,987,256; Jan. 8.
- Johnson-Stephens & Shinkle Shoe Company. (See Moraville, Herman J., assignor.)
- Johnson, Sylvester A., North Providence, assignor to A and Z Chain Company, Providence, R. I. Clasp or connector for watch bracelets and the like. 2,006,047; June 25.
- Johnson, Theodore, Erie, assignor to Johnson Metal Products Company, Erie, Pa. Screen stile. 2,024,928; Dec. 17.
- Johnson, Treat B., Bethany, Conn., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Paramethyl parahydroxy diphenyl sulphide and preparing the same. 2,011,582; Aug. 20.
- Johnson, Treat B., Bethany, Conn., assignor to Winthrop Chemical Company, Inc., New York, N. Y. Halogenated derivatives of thiazole and preparing the same. 2,014,498; Sept. 17.
- Johnson, Treat B., Bethany, Conn., assignor to Sharp & Dohme, Incorporated, Baltimore, Md. Iodated hydroxy diphenyl sulphide and preparing the same. 2,017,208; Oct. 15.
- Johnson, Treat B., Bethany, Conn., assignor to Winthrop Chemical Company, Inc., New York, N. Y. Thiazole substituted by a primary alkylamino group. 2,020,650; Nov. 12.
- Johnson, Ulysses S., Oakland, Calif. Gas separating apparatus. 1,999,460; Apr. 30.
- Johnson, Victor T., Los Angeles, Calif. Marking machine. 1,991,679; Feb. 19.
- Johnson, Virgie F., East Akron, Ohio. Hair waver. 1,994,611; Mar. 19.
- Johnson, Virgil R., assignor to Virgil R. Johnson Company, Detroit, Mich. Piston construction. 2,017,662; Oct. 15.
- Johnson, Virgil R., Company. (See Johnson, Virgil R., assignor.)
- Johnson, Wallace C., South Orange, and A. E. Maskrey, North Long Branch, N. J., assignors to The Plykrome Corporation, New York, N. Y. Making composite metal plates. 2,018,725; Oct. 29.
- Johnson, Walter P. (See Hull, A. F., and Johnson.)
- Johnson, Walter S., Providence, R. I., assignor, by mesne assignments, to G. F. Rooke, Detroit, Mich. Indicating fare register. 2,014,846; Sept. 17.
- Johnson, Wiley B., assignor of one-half to E. F. Johnson, Cismont, Va. Vending machine. 2,018,447; Oct. 22.
- Johnson, Wilfred F., Charlotte, N. C., assignor to Whitin Machine Works, Whitinsville, Mass. Grid bar for cotton openers. 2,024,451; Dec. 17.
- Johnson, Wilfred G., assignor to The Colson Company, Elyria, Ohio. Castering dolly. 2,007,447; July 9.
- Johnson, Wilfred G., assignor to The Colson Company, Elyria, Ohio. Velocipede. 2,012,683; Aug. 27.
- Johnson, Wilfred G., and M. E. Hendricks, assignors to H. Kirkham, receiver for The Colson Company, Elyria, Ohio. Velocipede fork. 1,998,992; Apr. 23.
- Johnson, Wilfred G., and H. Kirkham, assignors to Hall Kirkham, receiver of The Colson Company, Elyria, Ohio. Inhalator. 2,023,324; Dec. 3.
- Johnson, William, Charleville, assignor to Johnson's Burner Proprietary Limited, Brisbane, Queensland, Australia. Carburetor. 1,991,804; Feb. 19.
- Johnson, William H., Cranston, R. I., assignor to Wesken Corporation. Speed change device. 2,014,476; Sept. 17.
- Johnson, William S., Boise, Idaho. Floor cleaner. 2,011,973; Aug. 20.
- Johnson, William S., Boise, Idaho. Cleaning device. 2,011,974; Aug. 20.
- Johnson, William S., Boise, Idaho. Cleaner. 2,011,975; Aug. 20.
- Johnson, William V., Washington, D. C. Book holder. 2,001,139; May 14.
- Johnson's Burner Proprietary Limited. (See Johnson, William, assignor.)
- Johnson's, Iver, Arms & Cycle Works. (See Back, Leonard, assignor.)
- Johnson's, Iver, Arms & Cycle Works. (See Ringquist, Otto W., assignor.)
- Johnston, Albert E., East Orange, assignor, by mesne assignments, to Calibron Products, Inc., West Orange, N. J. Cutting, grinding, and burnishing tool, and the production thereof. 2,020,117; Nov. 5.
- Johnston, Andrew L., Jr. (See Northcutt, R. T., and Johnston.)
- Johnston, Archibald W. (See Waite, Charles F., assignor.)
- Johnston, Arthur J., Alden, Pa., assignor to General Electric Company. Automatic ticket stripper. 1,998,320; Apr. 16.

- Johnston, Charles F., Oakland, Calif. Piston expander. 2,010,518; Aug. 6.
- Johnston, Clarence S., Amarillo, Tex. Expansile piston. 2,005,373; June 18.
- Johnston, Clarence W. H., Dallas, Tex. Air compressor. 2,020,361; Nov. 12.
- Johnston, Edward A., Chicago, Ill. Record controlling means. 2,009,806; July 30.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Cotton picking spindle. 1,996,247; Apr. 2.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Combined grain and transport wheel for harvester threshers. 2,002,473; May 21.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Track frame stabilizer for track-laying tractors. 2,025,512; Dec. 24.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Self-propelled vehicle. 2,025,513; Dec. 24.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Boll deflector for cotton pickers. 2,025,514; Dec. 24.
- Johnston, Edward A., Chicago, C. R. Raney, Riverside, and L. P. Millard, Chicago, Ill., assignors to International Harvester Company. Harvester thresher. 1,996,246; Apr. 2.
- Johnston, Edward A., Chicago, C. R. Raney, Riverside, and A. E. W. Johnson, assignors to International Harvester Company, Chicago, Ill. Harvester thresher. 2,002,205; May 21.
- Johnston, Edward A., Chicago, and D. B. Baker, Riverside, Ill., assignors to International Harvester Company. Frame for track type tractors. 2,002,474; May 21.
- Johnston, Eugene E., Buffalo, N. Y. Gas price sign. 2,003,542; June 4.
- Johnston, Frank R., assignor to Globe Machinery & Supply Company, Des Moines, Iowa. Wheel freeing attachment for automobile lifts. 2,002,578; May 28.
- Johnston, Frank R., assignor to Globe Machinery & Supply Company, Des Moines, Iowa. Automobile lift. 2,011,766; Aug. 20.
- Johnston, Franklin, Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Preparation of 1-phenyl-3-methylpyrazolone-5 and related compounds. 2,017,815; Oct. 15.
- Johnston, George V. (See Theler, F. J., Johnston, and Peaslee.)
- Johnston, Greenbow, Glen Allen, assignor of one-half to Greenbow Maury, Jr., Richmond, Va. Instrument mount. 1,990,491; Feb. 12.
- Johnston, Harry, Detroit, Mich. Tennis racket. 2,004,609; June 11.
- Johnston, Harry M., McKeesport, Pa., assignor to National Tube Company. Gauge. 1,986,729; Jan. 1.
- Johnston, Harry M., McKeesport, Pa., assignor to National Tube Company. Opposed reciprocatory tool machine. 2,005,319; June 18.
- Johnston, Henry A., Winnipeg, Manitoba, Canada. Combination awning and shutter. 2,023,528; Dec. 10.
- Johnston, Herbert L., assignor to The KitchenAid Manufacturing Company, Troy, Ohio. Food handling apparatus. 1,988,244; Jan. 15.
- Johnston, Herbert L., assignor to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 1,989,138; Jan. 29.
- Johnston, Herbert L., Troy, assignor to The Hobart Manufacturing Company, Troy, Ohio. Meat chopper. 2,012,167; Aug. 20.
- Johnston, Herbert L., assignor to The Hobart Manufacturing Company, Troy, Ohio. Washing machine. 2,013,387; Sept. 3.
- Johnston, Herbert L., assignor to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 2,024,292; Dec. 17.
- Johnston, Herbert L., Troy, and J. C. Slager, Dayton, assignors to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 2,005,374; June 18.
- Johnston, Herbert L., and D. A. Mecker, assignors to The Kitchen Aid Manufacturing Company, Troy, Ohio. Food handling apparatus. 2,019,911; Nov. 5.
- Johnston, Howard A., Toronto, Ontario, Canada. Apparatus for and method of stretching garments. 1,990,454; Feb. 5.
- Johnston, Howard A., Toronto, Ontario, Canada. Safety razor. 1,991,097; Feb. 12.
- Johnston, Howard A., Toronto, Ontario, Canada. Safety razor. 2,009,402; July 30.
- Johnston, Howard A., Toronto, Ontario, Canada. Trouser stretcher. 2,021,688; Nov. 19.
- Johnston, Howard M., assignor to Massey-Harris Company, Limited, Toronto, Ontario, Canada. Screen device for power sprays and the like. 2,015,274; Sept. 24.
- Johnston, John D. (See Diesenberg, W. G., and Johnston.)
- Johnston, John K., Newark, assignor to National Vulcanized Fibre Co., Wilmington, Del. Boot tree. 1,989,597; Jan. 29.
- Johnston, John M., Elkins Park, assignor to John Blood & Co., Incorporated, Philadelphia, Pa. Stocking. 2,014,356; Sept. 10.
- Johnston, Leith. (See Robinson, H. C., and Johnston.)
- Johnston, Marriott T., assignor to Walgreen Co., Chicago, Ill. Knockdown wall fixture. 2,003,633; June 4.
- Johnston, Marriott T., assignor to Walgreen Co., Chicago, Ill. Knockdown cabinet fixture. 2,019,137; Oct. 29.
- Johnston, Robert J., assignor to The Waterbury Clock Company, Waterbury, Conn. Watch and other time instruments. 2,023,022; Dec. 3.
- Johnston, Robert S., Yardley, Pa., assignor to John A. Roebling's Sons Company, Trenton, N. J. Ferrous welding electrode. 1,993,789; Mar. 12.
- Johnston, Robert S., Yardley, Pa., assignor to John A. Roebling's Sons Company, Trenton, N. J. Ferrous welding electrode. 1,993,931; Mar. 12.
- Johnston, W. E., administrator. (See Stokes, Fremont, assignor.)
- Johnstone, William H., Proctor, Minn. Adjustable hub liner for locomotives. 2,013,493; Sept. 3.
- Johnstone, William W., assignor of one-half to International Engineering, Inc., Dayton, Ohio. Fan. 1,986,151; Jan. 1.
- Johnstone, Harold G., Chicago, Ill., and V. D. Barker, Westfield, N. J. Power transmission device. 1,996,579; Apr. 2.
- Johnstone, Harold G., Chicago, and J. C. Gates, Downers Grove, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Recording apparatus. 2,021,311; Nov. 19.
- Johnstone, Henry F., assignor to Board of Trustees of The University of Illinois, Urbana, Ill. Removal of SO₂ from flue gases. 2,021,936; Nov. 26.
- Johnstone, Henry F., assignor to Board of Trustees of The University of Illinois, Urbana, Ill. Apparatus for removing SO₂ from flue gases. 2,021,937; Nov. 26.
- Johnstone, Robert M., Short Hills, N. J., assignor to Cameron Machine Company, Brooklyn, N. Y. Slitting means. 1,998,929; Apr. 23.
- Johnstone, Robert McC. (See Cameron, J. A., and Johnstone.)
- Johnstone, Robert McC., Short Hills, N. J., assignor to Cameron Machine Company, Brooklyn, N. Y. Winding flexible material. 2,012,102; Aug. 20.
- Johnstone, Robert McC., Short Hills, and L. C. Borloz, West Englewood, N. J., assignors to Cameron Machine Company, Brooklyn, N. Y. Combined slitting and crushing device. 2,000,175; May 7.
- Joksch, Rudolf, Vienna, Austria. Line indicator or copyholder for typists. 2,005,721; June 25.
- Jolley, Ernest H., and J. A. S. Martin, Harrow, assignors to Automatic Electric Company Limited, Liverpool, England. Telegraph system. 1,989,200; Jan. 29.
- Jolly, Charles L., Wilmar, assignor of one-third to M. C. Olin, Los Angeles, Calif. Beach shelter. 2,023,813; Dec. 10.
- Jomek, Paul. (See Deutsch, H., and Jomek.)
- Jonas, Gottfried B., and A. T. Esseling, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Window of metal or similar material in metal wall. 2,000,845; May 7.
- Jonas, Hans, Berlin-Lichtenberg, Germany. Embroidering or like machine. 2,018,456; Oct. 22.
- Jonas, James A., New York, N. Y. Safety device. 2,021,655; Nov. 19.
- Jonas, Julius. (See Gaudenzi, A., Widmer, and Jonas.)
- Jones, Abner C., assignor to Lebanon Steel Foundry, Lebanon, Pa. High silicon and high manganese steel. 2,013,443; Sept. 3.
- Jones, Adrian H., Plymouth, assignor of one-half to E. B. Jones, Middleboro, Mass. Transmission. 1,990,735; Feb. 12.
- Jones, Albert L., New York, N. Y. Coring device for fruit and the like. 1,994,473; Mar. 19.
- Jones, Andrew V., Birmingham, assignor to Roxon Limited, London, England. Ash and like receptacle for smokers' use. 1,988,657; Jan. 22.
- Jones, Arthur E., assignor to Henry Weis Manufacturing Company, Inc., Elkhart, Ind. Shower bath cabinet. 2,010,864; Aug. 13.
- Jones, Benjamin W., Schenectady, assignor to General Electric Company, New York, N. Y. Time delay under-voltage protective system. 2,001,494; May 14.
- Jones, Bert R., West Haven, Conn. Door securing means. 1,989,808; Feb. 5.
- Jones, Bevan, Briarcliff Manor, N. Y. Waterproof wall construction. 2,024,524; Dec. 17.
- Jones, Bradley, Cincinnati, Ohio. Compass deviation corrector. 1,987,624; Jan. 15.
- Jones, Bradley, Cincinnati, Ohio. Course calculating instrument. 2,019,708; Nov. 5.
- Jones, Carl G., assignor to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Inductor for induction welding machine. 2,007,167; July 9.
- Jones, Charles L., Pelham, N. Y., assignor, by mesne assignments, to Adico Development Corporation. Reinvigorating adsorbents. 1,993,345; Mar. 5.
- Jones, Charles L., Pelham, assignor, by mesne assignments, to Adico Development Corporation, New York, N. Y. Producing solid bodies of carbon dioxide and the product. 2,020,189; Nov. 5.
- Jones, Charles M., Yakima, Wash. Exercising the ocular muscles. 2,012,169; Aug. 20.
- Jones, Charles T. (See Ricks, F., and Jones.)
- Jones, Charles T., Kingston, N. C. Window screen. 2,013,494; Sept. 3.
- Jones, Charlotte M., Philadelphia, Pa. Combined book-end and picture frame. 1,992,487; Feb. 26.
- Jones, Clarence A., South Gate, Calif. Tire. 2,020,190; Nov. 5.

- Jones, Clarence L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for protecting articles during a tumbling operation. 2,008,306; July 16.
- Jones, Clarence M., Tulsa, assignor to F. V. Maddin, Muskogee, Okla. Tank theft prevention device. 2,002,818; May 28.
- Jones, Clifford C., Washington, D. C. Airfoil. 2,019,819; Nov. 5.
- Jones, Daniel T. (See Basore, C. A., and Jones.)
- Jones, David J., Elmhurst, Ill., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. System for air circulation control in hot air furnaces. 1,989,278; Jan. 29.
- Jones, David J., Elmhurst, Ill., assignor to Holland Furnace Company, Holland, Mich. Thermostatic control system. 1,991,680; Feb. 19.
- Jones, David W., Columbus, Ohio. Scroll saw. 1,989,365; Jan. 29.
- Jones, E. Fraser, and W. Mauss, London, England, assignors to Fraser-Jones Limited, Johannesburg, Transvaal Province, Union of South Africa. Apparatus for the production of hollow ingots. 1,996,335; Apr. 2.
- Jones, Edmund H., assignor to Milcor Steel Company, Milwaukee, Wis. Corner bead. 1,988,739; Jan. 22.
- Jones, Edward H., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mounting for electrical apparatus. 2,004,610; June 11.
- Jones, Edward H., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mounting for electrical devices. 2,022,964; Dec. 3.
- Jones, Edwin A., Milwaukee, and C. H. Wagner, Milwaukee County, assignor to L. J. Mueller Furnace Company, Milwaukee, Wis. Air duct register. 1,986,823; Jan. 8.
- Jones, Edwin P., Garden City, and J. M. Dempsey, New York, N. Y., assignors to Champagne Paper Corporation, New York, N. Y. Producing paper pulp from fibrous material. 2,018,490; Oct. 22.
- Jones, Ennis E., Indianapolis, Ind. Portable conduit-coil cleaner apparatus. 1,993,371; Mar. 5.
- Jones, Ernest B. (See Jones, Adrian H., assignor.)
- Jones, Ernest F., London, England, assignor to Fraser-Jones Limited, Johannesburg, Transvaal Province, Union of South Africa. Manufacture of hollow ingots and tubes. 2,019,820; Nov. 5.
- Jones, Everett B., assignor of one-half to A. D. MacDonell, Lima, Ohio. Air feed control means. 2,010,694; Aug. 6.
- Jones, Francis J. S., Porthcawl, South Wales. Electrically operated pump. 2,023,138; Dec. 3.
- Jones, Frank C., Toledo, Iowa. Refrigerator truck. 2,010,490; Aug. 6.
- Jones, Frank D., assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Hay press. 1,988,497; Jan. 22.
- Jones, Frank N., Chicago, Ill. Projection unit. 2,003,890; June 4.
- Jones, Fred, Portland, Oreg. Flow meter. 1,989,366; Jan. 29.
- Jones, Fred A., Los Angeles, Calif. Toothbrush. 2,002,320; May 21.
- Jones, Frederick A. (See Twiss, D. F., and Jones.)
- Jones, Frederick A. (See Twiss, D. F., Jones, and Allen.)
- Jones, Frederick C., Norfolk, Va. Wax pot for shoe sewing machines. 2,020,783; Nov. 12.
- Jones, Frederick G., Bristol, England. Screwed pipe joint and in-fittings relating thereto. 1,993,372; Mar. 5.
- Jones, Frederick W. (See Fuller, J. E., and Jones.)
- Jones, George L. (See Drake, H. C., and Jones.)
- Jones, George L., Garden City, assignor to Sperry Products, Inc., Brooklyn, N. Y. Water supply control means for detector cars. 1,996,924; Apr. 9.
- Jones, George L., Garden City, assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector car. 2,011,409; Aug. 13.
- Jones, George W., Winchester, Va. Fire alarm. 2,013,466; Sept. 3.
- Jones, Gordon R. (See Mueller, O. B., Hill, Tielking, and Jones.)
- Jones, H. Stewart. (See Cartledge, John J., assignor.)
- Jones, Harold L., et al. (See Daudt, H. W., Youker, and Jones.)
- Jones, Harold L. (See Douglass, W. A., and Jones.)
- Jones, Harry C., New York, N. Y. Photographic machine. 1,992,621; Feb. 26.
- Jones, Harry C., New York, N. Y. Apparatus for securing registration position of an article. 2,000,520; May 7.
- Jones, Harry C., Los Angeles, assignor to N. H. Mann, Hollywood, Calif. Glow lamp. 2,000,395; May 7.
- Jones, Harry S., London, Ontario, Canada. Package. 2,007,088; July 2.
- Jones, Harry S., London, Ontario, Canada. Display carton. 2,007,089; July 2.
- Jones, Helen H., Cranston, R. I. Clasp. 2,002,999; May 28.
- Jones, Henry C., Springfield, assignor to Universal Wind-ing Company, Boston, Mass. Wooden cone and like yarn support. 1,993,143; Mar. 5.
- Jones, Henry T., East Setauket, N. Y. Water heating unit. 2,023,786; Dec. 10.
- Jones, Herbert W., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,024,227; Dec. 17.
- Jones, Hilton I., Wilmette, Ill., and R. L. St. Pierre, Indianapolis, Ind. Embalming dead bodies. 2,013,156; Sept. 3.
- Jones, Homer W., Williamsville, N. M., assignor to The Linde Air Products Company. Fluid cleaner. 2,010,456; Aug. 6.
- Jones, Horace R., Long Prairie, Minn. Doorlatch. 2,010,723; Aug. 6.
- Jones, Ira M., Thiensville, Wis. Leather stretching frame. 2,017,250; Oct. 15.
- Jones, James E., Richmond, Ind. Fuel stoker. 2,004,813; June 11.
- Jones, James L., Washington, D. C. Automatically controlled electric circuit. 2,023,051; Dec. 3.
- Jones, John A. (See Johansen, T., and Jones.)
- Jones, John E., Springfield, assignor to Chapman Valve Manufacturing Company, Indiana Orchard, Mass. Valve. 2,024,823; Dec. 17.
- Jones, John G., and H. G. Dewey, assignors to Eastman Kodak Company, Rochester, N. Y. Automatic all-metal spool making machine. 2,005,375; June 18.
- Jones, John G., and H. G. Dewey, assignors to Eastman Kodak Company, Rochester, N. Y. Welding spools. 2,006,458; July 2.
- Jones, John G., and H. G. Dewey, assignors to Eastman Kodak Company, Rochester, N. Y. Electric welding machine for all-metal spools. 2,006,459; July 2.
- Jones, John L., East Weymouth, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Buffing tool. 2,014,069; Sept. 10.
- Jones, John L., Weymouth, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon the soles of shoes. 2,015,146; Sept. 24.
- Jones, John W. (See Logan, Tom O., assignor.)
- Jones, John W., Greenville, S. C., assignor to Draper Corporation, Hopedale, Mass. Loom temple. 1,990,123; Feb. 5.
- Jones, Joseph. (See Jones, Lester L. and J., and Plazze.)
- Jones, Joseph H., assignor to The Studebaker Corporation, South Bend, Ind. Transmission. 2,002,778; May 28.
- Jones, Joseph W., and E. C. Cowles, Corning, N. Y., assignors to Ingersoll-Rand Company, Jersey City, N. J. Portable compressor. 2,015,525; Sept. 24.
- Jones, Junius H., Atlanta, Ga. Lubricating apparatus. 2,024,046; Dec. 10.
- Jones & Lamson Machine Company. (See Flanders, Ralph E., assignor.)
- Jones & Lamson Machine Company. (See Lovely, John E., assignor.)
- Jones & Lamson Machine Company. (See Perry, George A., assignor.)
- Jones & Lamson Machine Company. (See Twamley, William E., assignor.)
- Jones & Laughlin Steel Corporation. (See Campbell, R. W., and Wagner, assignors.)
- Jones & Laughlin Steel Corporation. (See Free, John W., assignor.)
- Jones & Laughlin Steel Corporation. (See Graham, H. W., and Case, assignors.)
- Jones & Laughlin Steel Corporation. (See Rendleman, Norman C., assignor.)
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Centrifugal treatment of substances and mechanism therefor. 2,000,521; May 7.
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Feeding system for fluids. 2,009,890; July 30.
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Distillation of mineral oil. 2,018,309; Oct. 22.
- Jones, Leo D., Philadelphia, and E. M. James, Moylan, assignors to The Sharples Specialty Company, Philadelphia, Pa. Refining of hydrocarbons. 2,005,342; June 18.
- Jones, Les, Peoria, assignor to Premier-Pabst Corporation, Chicago, Ill. Movable partition for vehicles. 2,005,086; June 18.
- Jones, Lester L., Oradell, N. J. Radioreceiver. 1,988,498; Jan. 22.
- Jones, Lester L., Oradell, N. J. Phonograph. 1,988,846; Jan. 22.
- Jones, Lester L., Oradell, N. J., and T. E. Piazze, Brooklyn, N. Y., assignors to Technidyne Corporation, New York, N. Y. Phonograph. 1,998,137; Apr. 16.
- Jones, Lester L., Oradell, N. J., and T. E. Piazze, Brooklyn, assignors to Technidyne Corporation, New York, N. Y. Phonograph. 2,006,048; June 25.
- Jones, Lester L., Oradell, N. J., J. Jones, Larchmont, and T. E. Piazze, Brooklyn, assignors to Technidyne Corporation, New York, N. Y. Phonograph. 2,007,054; July 2.
- Jones, Linton, Greenville, S. C. Traveler ring lubricator. 1,999,101; Apr. 23.
- Jones, Linus H. (See Bidwell, Howard, assignor.)
- Jones, Lloyd E., Santa Monica, assignor to Food Machinery Corporation, San Jose, Calif. Brush mounting. 1,989,988; Feb. 5.
- Jones, Lloyd T., Berkeley, Calif. Lamp slit and method of making same. 1,991,681; Feb. 19.
- Jones, Lloyd T., Berkeley, Calif. Luminescent tube. 2,016,437; Oct. 8.
- Jones, Louis A., Montclair, N. J. Furniture leg support. 2,018,264; Oct. 22.

- Jones, Louis F., and E. W. Radius, assignors to Goodman Manufacturing Company, Chicago, Ill. Device for controlling electric circuits. 2,018,958; Oct. 29.
- Jones, Lucian N. (See Smith, H. L., and Jones.)
- Jones, Maldwyn, Crumshall, and W. J. S. Naunton, Prestwich, England, assignors to Imperial Chemical Industries Limited. Vulcanization of rubber. 1,990,906; Feb. 12.
- Jones, Montgomery O., assignor to The Duplex Envelope Company, Inc., Richmond, Va. Box. 2,011,410; Aug. 13.
- Jones, Montgomery O., and W. P. Shomaker, Richmond, Va. Printing press. 1,988,596; Jan. 22.
- Jones, Montgomery O., and W. P. Shomaker, Richmond, Va. Printing press. 2,013,687; Sept. 10.
- Jones, Otis L., assignor to The Illinois Clay Products Company, Joliet, Ill. Ingot mold. 1,989,096; Jan. 29.
- Jones, Paul, Incorporated. (See Jones, P., Jr., and Harman, assignors.)
- Jones, Paul, Jr., and H. L. Harman, assignors to Paul Jones, Incorporated, Mishawaka, Ind. Toy boat. 1,993,670; Mar. 5.
- Jones, Paul A., San Francisco, Calif. Book holder and line finder. 2,000,485; May 7.
- Jones, Paul W., Baltimore, Md. Power augments. 1,990,187; Feb. 5.
- Jones, Paul W., assignor to Rostone, Incorporated, La Fayette Ind. Stone-like structural material. 1,992,448; Feb. 26.
- Jones, Ralph E., Fort Benjamin Harrison, Ind. Fire extinguishing device. 1,989,097; Jan. 29.
- Jones, Raymond E., and D. A. Elliott, Richmond, Ind. Color projecting attachment for electric lights. 1,990,287; Feb. 5.
- Jones, Raymond S., Wynnewood, Pa. Card or paper stock for use in duplicating processes. 2,021,938; Nov. 26.
- Jones, Richard O. (See Sagar, H., Van Weyenberg, and Jones.)
- Jones, Robert F. (See McKean, J. G., and Jones.)
- Jones, Rodney W., assignor to Augusta Knitting Corporation, Utica, N. Y. Child's garment. 1,998,085; Apr. 16.
- Jones, Roy L., Glendale, Calif. Propelling device. 2,021,510; Nov. 19.
- Jones, Russell C. (See Price, J., and Jones.)
- Jones, Russell C., Bronxville, assignor to The Griscom-Russell Company, New York, N. Y. Manufacture of finned tubing. 2,004,389; June 11.
- Jones, Sam P., assignor of forty per cent to E. W. Schadak, Dallas, Tex. Gas mixer. 2,000,901; May 14.
- Jones, Thomas J., Winnipeg, Manitoba, Canada. Envelope sealer. 1,994,395; Mar. 12.
- Jones, Tilman M., Huntington Park, Calif. Valve for soap dispensers. 2,014,652; Sept. 17.
- Jones, Victor G., assignor of one-half to J. H. Williams, Seattle, Wash. Safety pin and spring therefor. 2,006,923; July 2.
- Jones & Vining, Inc. (See Kennedy, Charles E., assignor.)
- Jones, W. Bartlett, assignor, by mesne assignments, to Cellovis, Inc., Chicago, Ill. Treating nitrated cellulose fibers. 2,017,049; Oct. 15.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening device for moldings. 1,999,994; Apr. 30.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Upholstery covering structure. 2,005,670; June 18.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Sheet metal nut structure. 2,010,519; Aug. 6.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Trimming installation. 2,012,243; Aug. 20.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Clip member. 2,021,730; Nov. 19.
- Jones, Wilbur L., Madison, assignor to Roddis Lumber and Veneer Company, Marshfield, Wis. Adhesively joining metal and wood. 2,006,770; July 2.
- Jones, William E., North Hollywood, Calif. Air heater. 2,024,452; Dec. 17.
- Jones, William E., and E. A. Reussenzehn, Dayton, assignors, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Scale attachment. 1,993,606; Mar. 5.
- Jones, William S., Windsor, Conn. Mounting for leaf and powdered metals. 1,998,506; Apr. 23.
- Jones, William S., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Devitalization of bacteria. 2,009,086; July 23.
- Jones, Willis H., Kenmore, N. Y. Water filtering apparatus. 2,024,646; Dec. 17.
- Jonitz, Georgina F., Washington, D. C. Receptacle closure. 2,004,698; June 11.
- Jonker, Johan L. H., Eindhoven, Netherlands, assignor to Radio Corporation of America. Indirectly heated cathode. 2,014,847; Sept. 17.
- Jonkhoff, Henri W., Dusseldorf, Germany. Vehicle bogie construction. 2,015,310; Sept. 24.
- Jonkhoff, Henri W., Dusseldorf, Germany. Vehicle bogie construction. 2,015,311; Sept. 24.
- Jonn, Tage G., and A. A. Breuer, Chicago, Ill. Oil check for bearings. 1,991,614; Feb. 19.
- Jonsson, Anders J., Linköping, Sweden. Machine for the introduction of insertions into bottle caps. 1,994,856; Mar. 19.
- Jonsson, Augustinus E., Stockholm, Sweden. Straining device for vacuum drying apparatus. 1,986,108; Jan. 1.
- Jonsson, Johan E., Stockholm, R. W. Larsson, Appelvikén, and A. J. E. Rylander, Stockholm, Sweden. Valve for obtaining compressed air from the compression chamber of a motor. 2,007,718; July 9.
- Jönsson, Oscar V., Helsingborg, Sweden. Machine for producing a twisted edge along the one side of a length of crepe paper. 1,995,677; Mar. 26.
- Jonsson, Sven M., Stockholm, Sweden, assignor, by mesne assignments, to The Lubrication Corporation, South Bend, Ind. Grease gun. 2,013,273; Sept. 3.
- Joos, Bernard. (See Tisza, E. T., and Joos.)
- Joos, Martin, Alma Center, Wis., and B. J. Babbitt, Riverside, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Electromagnetic device. 1,996,113; Apr. 2.
- Jordan, Claude W. (See Fulweiler, W. H., and Jordan.)
- Jordan, Daniel L., assignor to Clark Metal Products, Inc., Bridgeport, Conn. Apparatus for arranging and feeding irregular shaped articles. 2,002,147; May 21.
- Jordan, Friedrich, and P. Schneider, assignors to Voigt & Haefner Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Electric hot plate. 1,998,764; Apr. 23.
- Jordan, Hans. (See Schwenk, E., and Jordan.)
- Jordan, Henry, Jr., Muskegon, Mich. Foot rest. 1,997,147; Apr. 9.
- Jordan, Henry, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Disazo dye and its preparation. 1,991,505; Feb. 19.
- Jordan, Henry, and C. K. Black, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dye and for its preparation. 1,998,507; Apr. 23.
- Jordan, Henry, and M. A. Dahlen, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Monoazo dyes and their production. 2,024,368; Dec. 17.
- Jordan, Isaac N., assignor to Armour and Company, Chicago, Ill. Container. 2,001,140; May 14.
- Jordan, James D. (See Kenney, M. W., and Jordan.)
- Jordan, James D. (See Kenney, M. W., Jordan and Threlkeld.)
- Jordan, James D., Elmhurst, assignor, by mesne assignments, to General Household Utilities Company, Chicago, Ill. Separating solution components and effecting separation thereof. 2,003,543; June 4.
- Jordan, James D., Elmhurst, assignor, by mesne assignments, to General Household Utilities Company, Chicago, Ill. Check valve for refrigerating systems. 2,021,689; Nov. 19.
- Jordan, O. F., Company. (See Forbes, J. C., and Krusch, assignors.)
- Jordan, Richard H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fan motor. 1,994,914; Mar. 19.
- Jordan, Richard H., and P. E. Hochstetter, Springfield, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Clothes spinner. 2,004,064; June 4.
- Jordan, Richard H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating device. 2,020,946; Nov. 12.
- Jordan, Stroud, Brooklyn, N. Y., assignor, by mesne assignments, to American Lecithin Company, Cleveland, Ohio. Flavoring material and using same. 2,019,494; Nov. 5.
- Jordan, William M., Birmingham, Ala. Fish stringer. 2,007,090; July 2.
- Jordan, William M., Birmingham, Ala., assignor to South Bend Bait Company, South Bend, Ind. Fishing lure. 2,003,366; June 4.
- Jordhoy, Hans C., North Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Ink fountain regulator. 2,003,544; June 4.
- Jordhoy, Hans C., North Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Constant level ink fountain. 2,018,959; Oct. 29.
- Jorgensen, Bernhardt, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 1,990,492; Feb. 12.
- Jorgensen, Bernhardt, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Pulling-over machine. 2,007,973; July 16.
- Jorgensen, Bernhardt, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,011,682; Aug. 20.
- Jorgensen, Charley, Springfield, Mo. Device for applying neutralizers to sour cream. 2,018,173; Oct. 22.
- Jorgensen, Clarence H. (See Jorgensen, Peter J., and C. H.)
- Jorgensen, Clarence H., administrator. (See Jorgensen, Peter J. and C. H.)
- Jorgensen, Enoch B., Los Angeles, Calif., assignor to Viber Company Limited. Concrete vibrating machine. 2,018,789; Oct. 29.
- Jorgensen, Hans H. (See Braden, Allen L., assignor.)
- Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping shoe uppers. 2,001,732; May 21.
- Jorgensen, Julius J., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich. Thermostatic control for fuel burners. 2,011,899; Aug. 20.
- Jorgensen, Julius J., assignor to Kelvinator Corporation, Detroit, Mich. Oil burner. 2,017,697; Oct. 15.
- Jorgensen, Lars R., Berkeley, Calif. Grouting by chemical means. 2,025,948; Dec. 31.

- Jorgensen, Peter J., Chicago, and C. H. Jorgensen, Elmhurst, Ill., assignors to The Wilcolator Company, Newark, N. J. Thermostatically controlled fluid mixing device. 1,985,929; Jan. 1.
- Jorgensen, Peter J., deceased, and C. H., Oak Park, Ill., C. H. Jorgensen, administrator. Thermostatic valve. 1,991,392; Feb. 19.
- Jorgenson, Alfred R., Chicago, Ill. Ticket punch. 2,006,396; July 2.
- Joriot, Camille, Lac-ou-Villers, France. Device for placing protective coverings automatically on the seats of water closets. 2,002,948; May 28.
- Josef Knitted Fabrics Co. (See Markowitz, Jack, assignor.)
- Joseph, Alfred, Enghien, France, assignor, by mesne assignments, to Houdry Process Corporation, Dover, Del. Process and apparatus for the treatment of heavy oils. 2,000,960; May 14.
- Joseph, David J., et al. (See Juergens, Edwin C.)
- Joseph, Glenn H., Ontario, and R. D. Nedvidek, Pomona, assignors to California Fruit Growers Exchange, Los Angeles, Calif. Beverage and ingredients therefor. 1,993,932; Mar. 12.
- Joseph, Paul E., assignor to Ry-Lock Company, Ltd., San Leandro, Calif. Venetian window shade. 2,010,396; Aug. 6.
- Joseph, Theodore H., New York, N. Y. Lock. 2,010,237; Aug. 6.
- Josephson, Herman E., assignor, by mesne assignments, to Gloucester Products Company, Gloucester, Mass. Oil burner. 1,991,155; Feb. 12.
- Josepovitz, Adolph, assignor to Joss Equipment and Service Corporation, New York, N. Y. Apparatus for emptying and cleaning beer and other pipes. 2,016,926; Oct. 8.
- Joshua, Walter P., Ceham, and H. M. Stanley, Tadworth, England. Separation and recovery of olefines from gases containing the same. 2,005,500; June 18.
- Joshua, Walter P., Cheam, H. M. Stanley, Tadworth, and J. B. Dymock, Sutton, England. Hydration of olefines. 2,009,775; July 30.
- Joslin, Frank M., assignor to Inman Manufacturing Company, Inc., Amsterdam, N. Y. Box folding mechanism. 2,014,046; Sept. 10.
- Joslin, Frank M., assignor to Inman Manufacturing Company, Inc., Amsterdam, N. Y. Fruit basket. 2,022,566; Nov. 26.
- Joslin, Otto. (See Johnson, C. H., and Joslin.)
- Joslyn, Paul L., San Francisco, Calif. Carburetor for internal combustion engines. 2,024,929; Dec. 17.
- Joslyn Mig. & Supply Co. (See Smalley, Burton M., assignor.)
- Joslyn Manufacturing and Supply Company. (See Rick, Karl L., assignor.)
- Joss Equipment and Service Corporation. (See Josepovitz, Adolph, assignor.)
- Jost, Samuel E., Ogden, Utah. Tent. 2,001,196; May 14.
- Jostes, Fritz, Frankfurt-on-the-Main, and H. Jung, Wuppertal-Vohwinkel, and H. Andersag, Wuppertal-Elberfeld, Germany, assignors to Wintthrop Chemical Company, Inc., New York, N. Y. Metal complex compound solution. 2,008,252; July 16.
- Jourdan, William, Chicago, Ill. Cooking. 2,011,247; Aug. 13.
- Journal Box Servicing Corporation. (See Bissell, W. T., and Potter, assignors.)
- Journal Box Servicing Corporation. (See McNamara, L. C., Potter, and Conway, assignors.)
- Journeaux, Didier, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electron discharge device control system. 2,004,952; June 18.
- Jovick, Frank J. (See Korne, M. E., and Jovick.)
- Joy, Edward E., Wichita, Kans., assignor of one-third to P. Q. Nyce, Washington, D. C., and one-third to R. T. Smith, Caldwell, Kans. Mail bag lock. 1,988,358; Jan. 15.
- Joy, Henry B., Grosse Pointe Farms, Mich. Target trap pulling device. 1,989,452; Jan. 29.
- Joyce, Adrian D., Cleveland, Ohio, assignor to Durkee Famous Foods, Inc., Elmhurst, N. Y. Margarine and manufacturing same. 2,024,647; Dec. 17.
- Joyce, Bryan P., East Orange, N. J., assignor to American Armament Corporation, New York, N. Y. Adjusting means for ordnance sights and other instruments. 2,006,896; July 2.
- Joyce, Bryan P., East Orange, assignor to American Armament Corporation, Hoboken, N. J. Ordnance sight. 2,010,397; Aug. 6.
- Joyce-Cridland Company, The. (See Hott, Ion VonK., assignor.)
- Joyce, Lyndon W., assignor to Southern Webbing Mills, Inc., Greensboro, N. C. Cord elastic suspender end assemblage. 2,003,750; June 4.
- Joyce, M. L. (See Rush, Leo E., assignor.)
- Joyce, Maurice, Washington, D. C. Toilet seat cover. 1,990,869; Feb. 12.
- Joyce, Thomas F., Moorestown, N. J., assignor to Radio Corporation of America. Sealed carton for radiotubes. 1,997,777; Apr. 16.
- Joyce, William H., Jackson Heights, N. Y. Wrapper for use in hair waving processes. 1,988,277; Jan. 15.
- Joyce, William H., Jr., assignor to The Pasadena Slipper Co., Inc., Pasadena, Calif. Footwear. 1,998,813; Apr. 23.
- Joyce, William W., assignor to Al-Oys Incorporated, Chicago, Ill. Protective composition and making same. 1,991,393; Feb. 19.
- Joyner, William. (See Sutcliffe, Frank C., assignor.)
- Jowett, Edwin, Kansas City, Mo., assignor to Combustion Engineering Corporation, New York, N. Y. Apparatus for removing refuse from pits. 1,986,109; Jan. 1.
- Jowett, James R., Philadelphia, assignor to Moss Rose Manufacturing Company, Philadelphia, Pa. Card punching control. 2,021,511; Nov. 19.
- Jozsa, Stephen. (See Gore, H. C., Jozsa, and Frey.)
- Jubilee Manufacturing Co. (See Gillet, Alexis F., assignor.)
- Juchter, Pieter. (See Cockrell, W. D., and Juchter.)
- Jucker, John, assignor of one-half to N. C. Mather, Chicago, Ill. Poultry house. 2,011,539; Aug. 13.
- Judah, Noel F., Edmonton, Alberta, Canada. Protector for headlights. 2,013,053; Sept. 3.
- Judd, Desal P. (See Christman, L. B., Judd, and Stoner.)
- Judd, H. L., Company. (See Day, Courtenay P., assignor.)
- Judd, Irving H., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Truck trailer combination. 2,004,437; June 11.
- Judd, Irving H., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Transportation of automobiles. 2,004,438; June 11.
- Judd, Irving H., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Automobile loading and carrying means. 2,004,439; June 11.
- Judd, Irving H., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Transportation of automobiles. 2,022,375; Nov. 26.
- Judd, Irving H., Dearborn, assignor to Whitehead & Kales Company, River Rouge, Mich. Transporting vehicles and the like. 2,022,376; Nov. 26.
- Judell, H. L., & Company. (See Mullen, John E., assignor.)
- Judell, Julius S., assignor to Milwaukee Flush Valve Company, Milwaukee, Wis. Bathtub shower-spout fixture. 2,011,446; Aug. 13.
- Judell, Julius S., assignor to Milwaukee Flush Valve Company, Milwaukee, Wis. Plumbing fixture. 2,024,930; Dec. 17.
- Judge, Franklin, Greenfield, Mass., assignor to Greenfield Tap and Die Corporation. Diestock. 1,992,530; Feb. 26.
- Judge, Sidney G., Middleton, Mass., assignor to Nathan H. Poor Company, Peabody, Mass. Apparatus for cleaning sheet material. 2,013,714; Sept. 10.
- Judkins, Frank E., San Jose, Calif. Bag delivering case. 2,021,659; Nov. 19.
- Judson, Alfred O., assignor to The Pilliod Company, Swanton, Ohio. Valve gear. 2,013,609; Sept. 3.
- Judson, Russell V., Detroit, Mich. Apparatus for cleaning and polishing grain, seed, and the like. 2,014,382; Sept. 17.
- Juelson, Agnes, Chicago, Ill. Curtain protector. 2,000,846; May 7.
- Juenglin, Karl F., Lakewood, Ohio. Hot gas valve. 2,011,767; Aug. 20.
- Juengling, Karl F., Lakewood, Ohio. Blast furnace top. 2,021,555; Nov. 19.
- Juengst, Fred W. (See Anderson, O. M., and Juengst.)
- Juergens, Edwin C., Detroit, Mich., assignor of 366/1000 to W. Goldsmith, Canton, D. J. Joseph, Cincinnati, Ohio, and C. D. Jacobson, Detroit, Mich. Air propelled car. 1,999,296; Apr. 30.
- Juergens, John, assignor of eleven and one-quarter per cent to M. J. Hayes, eleven and one-quarter per cent to R. J. Thompson, eleven and one-quarter per cent to L. G. Bunker, eleven and one-quarter per cent to W. J. O'Brien, and five per cent to E. T. Howe, Chicago, Ill. Aircraft. 2,018,448; Oct. 22.
- Juhlin, Gustaf A., Timperley, England, assignor to General Electric Company. Winding for the stationary members of alternating current dynamo-electric machines. 2,006,170; June 25.
- Julian, Verne L. (See Gill, C. C., Julian, McIlwraith, and Rutledge.)
- Julich, Herman, New Rochelle, N. Y. Headgear. 2,003,367; June 4.
- Julin, Clarence E., Jamestown, N. Y. Window construction. 2,023,052; Dec. 3.
- Julius, Awdry F. (See Julius, George A., and A. F.)
- Julius, George A. and A. F., Sydney, New South Wales, Australia. Grand total transmission mechanism for totalizer. 2,008,790; July 23.
- Julius, George A. and A. F., Sydney, New South Wales, Australia. Integrating mechanism for totalizers. 2,014,572; Sept. 17.
- Julius, George A., Sydney, New South Wales, Australia. Totalizer ticket issuing machine. 2,023,839; Dec. 10.
- Jüllig, Werner M. J., assignor to S. M. Z. Tacklind, Stockholm, Sweden. Pressure lubricating apparatus. 1,996,158; Apr. 2.
- June, Ralph S., assignor of one-half to G. A. Anderson, Seattle, Wash. Ignition system. 2,002,114; May 21.
- Jung, Adolf. (See Hagedorn, M., and Jung.)
- Jung Arch Brace Company, The. (See Jung, George H., assignor.)
- Jung, George H., Jr., assignor to The Jung Arch Brace Company, Cincinnati, Ohio. Ankle. 2,013,757; Sept. 10.
- Jung, Heinrich. (See Jostes, F., Jung, and Andersag.)

- Jung, Oscar H., and P. E. Heffelfinger, assignors to Trico Fuse Manufacturing Co., Milwaukee, Wis. Liquid dispensing and level maintaining device. 2,006,142; June 25.
- Junge, Max, assignor to J. E. Reinecker, A. G. Chemnitz, Germany. Change gear mechanism. 2,009,371; July 23.
- Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Turbine bucket. 1,998,393; Apr. 16.
- Junghanns, Ernest L. (See French, S. F., and Junghanns.)
- Junghanns, Ernest L., Yonkers, assignor to Anaconda Wire & Cable Company, New York, N. Y. Tape guide means for planetary taping machines. 1,997,689; Apr. 16.
- Junghans, Helmut, Sulgen, near Schramberg, Germany. Mechanical time fuse. 1,990,034; Feb. 5.
- Junghans, Helmut, Sulgen, near Schramberg, Germany. Mechanical time fuse for artillery projectiles. 2,011,286; Aug. 13.
- Junkers & Co., G. m. b. H. (See Hegwein, G., Römmelt, and Stockmeyer, assignors.)
- Junkers & Co., G. m. b. H. (See Hegwein, G., Stockmeyer and Steinhardt, assignors.)
- Junkers & Co., G. m. b. H. (See Hegwein, G., Stockmeyer, Steinhardt, Römmelt, Schmid, and Würst, assignors.)
- Junkers & Co., G. m. b. H. (See Junkers, Hugo, assignor.)
- Junkers & Co., Gesellschaft mit beschränkter Haftung. (See Stockmeyer, F. W., and Römmelt, assignors.)
- Junkers-Flugzeugwerk A. G. (See Junkers, Hugo, assignor.)
- Junkers, Hugo. (See Becker, Emil, assignor.)
- Junkers, Hugo, Dessau, Germany. Calorimeter. 1,997,383; Apr. 9.
- Junkers, Hugo, Dessau, Germany. Booster brake for vehicles. 2,006,102; June 25.
- Junkers, Hugo, Dessau, Germany. Fuel feed for internal combustion engines. 2,012,998; Sept. 3.
- Junkers, Hugo, assignor to the firm Junkers-Motorenbau G. m. b. H., Dessau, Germany. Shafting for power transmission. 1,990,606; Feb. 12.
- Junkers, Hugo, assignor to the firm: Junkers-Motorenbau G. m. b. H., Dessau, Germany. Fuel injection device for internal combustion engines. 1,992,622; Feb. 26.
- Junkers, Hugo, assignor to firm: Junkers & Co., G. m. b. H., Dessau, Germany. Burner for liquid fuel. 1,996,336; Apr. 2.
- Junkers, Hugo, assignor to the firm Junkers-Flugzeugwerk A. G., Dessau, Germany. Tool for producing a change of form in sheet metal. 2,010,996; Aug. 13.
- Junkers, Hugo, assignor to the firm Junkers-Motorenbau G. m. b. H., Dessau, Germany. Supporting propeller shaft. 2,012,997; Sept. 3.
- Junkers, Hugo, assignor to the firm Junkers Motorenbau, G. m. b. H., Dessau, Germany. Apparatus for measuring the performance of engines. 2,014,684; Sept. 17.
- Junkers, Hugo, assignor to Junkers & Co., G. m. b. H., Dessau, Germany. Hot-water system. 2,016,331; Oct. 8.
- Junkers, Hugo, Dessau, and H. Wigge, Koethen, Germany. Measuring the distance of an aircraft from ground. 2,004,662; June 11.
- Junkers-Motorenbau G. m. b. H. (See Junkers, Hugo, assignor.)
- Junkin, Joy M., Perry, Iowa. Weed eradicating device. 1,989,932; Feb. 5.
- Jurgensen, August P., Atlantic City, N. J., assignor to The De Long Hook and Eye Company. Method and machine for making sanitary napkins. 2,010,997; Aug. 13.
- Jurling, Jan G., The Hague, assignor to Naamloze Venootschap Fabriek van Chemische Producten, Schiedam, Netherlands. Manufacture of highly esterified soluble mixed cellulose esters. 1,990,433; Feb. 5.
- Jurs, Albert E., Piedmont, assignor to Shand & Jurs Company, Berkeley, Calif. Hydraulically operated valve unit. 2,019,786; Nov. 5.
- Jussen, Herbert C., Cincinnati, Ohio, assignor to The Philip Carey Manufacturing Company. Expansion joint filler. 2,023,529; Dec. 10.
- Juster, Louis H., St. Lambert, Quebec, Canada, assignors to L. E. Waterman Company, New York, N. Y. Ink well. 2,002,092; May 21.
- Justesen, Edward, Beach, N. Dak. Bearing. 2,019,569; Nov. 5.
- Justhelm, Clarence L., Salt Lake City, Utah. Cooking utensil. 2,024,454; Dec. 17.
- Justice, David B., Charleston, S. C. Brush. 1,996,544; Apr. 2.
- Justus, Homer R., Kansas City, Mo. Pressure operated circuit controller. 2,015,939; Oct. 1.
- Juthe, Kristian A., Newton, and A. J. Hanson, Arlington, Mass., assignors to American Electric Furnace Company. Insulating packing for electric conductors. 1,996,646; Apr. 2.
- Juvinall, Orla E., assignor of one-half to G. R. Martin, Danville, Ill. Electric meter cover. 2,008,104; July 16.
- K-D Manufacturing Company. (See Clemens, Fred J., assignor.)
- K-D Manufacturing Company. (See Kulp, H. W., and Dellinger, assignors.)
- K. G. M. Radio Corporation. (See Moritz, Burt E., Jr., assignor.)
- K. L. G. Sparking Plugs Limited. (See Carington, Charles M., assignor.)
- Kaar, Ira J., Schenectady, N. Y., assignor to General Electric Company. Power supply system. 1,998,321; Apr. 16.
- Kaar, Ira J., Schenectady, N. Y., assignor to General Electric Company. High frequency circuit. 1,998,322; Apr. 16.
- Kaar, Ira J., Schenectady, N. Y., assignor to General Electric Company. High frequency transmission system. 1,998,960; Apr. 23.
- Kabakoff, Harry. (See Kiehlmann, John H., assignor.)
- Kábay, János, Budapest, Hungary. Obtaining opium alkaloids from dried poppy straw. 2,009,181; July 23.
- Kabbel, William, Milwaukee, Wis. Automatic tapping or drilling machine. 1,990,188; Feb. 5.
- Kabisius, Charles W., Santa Monica, Calif. Mechanical crawl stroke swimming instructor. 1,990,124; Feb. 5.
- Kabushiki-Kaisha Hitachi-Seisakusho. (See Obayashi, San-kiichi, assignor.)
- Kabushiki Kaisha Kawasaki Zosensho (Kawasaki Dockyard Co., Ltd.) (See Ito, Masaji, assignor.)
- Kabushiki Kaisha Asahi Koki Seisakusho. (See Teraoka, Toyoharu, assignor.)
- Kachel, Henry W., Youngstown, Ohio, assignor, by mesne assignments, to Direct Current Welding Company. Apparatus for welding. 2,013,517; Sept. 3.
- Kaczmarek, Eugen, Berlin-Hermsdorf, Germany. Dental plate. 2,003,891; June 4.
- Kadel, Byers W., Baltimore, Md., assignor to The Symington, Company, New York, N. Y. Draft rigging. 1,987,561; Jan. 8.
- Kadel, Byers W., Baltimore, Md., assignor to The Symington Company, New York, N. Y. Draft rigging. 2,015,017; Sept. 17.
- Kaden, Karl, Mühlbach Bez. Chemnitz, Germany. Flat spring and making the same. 2,002,399; May 21.
- Kadlec, Charles, assignor to Waite Carpet Company, Oshkosh, Wis. Sewing tufted rugs. 2,020,892; Nov. 12.
- Kadow, August, assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Cut-off burner for hollow glass articles. 1,996,814; Apr. 9.
- Kadow, August, assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Forming glass articles. 2,020,031; Nov. 5.
- Kadow, August, and W. L. Van Ness, Toledo, assignors to The Libbey Glass Manufacturing Company, Toledo, Ohio. Glass working apparatus. 2,020,032; Nov. 5.
- Kadu, John A., assignor to The Stanley Works, New Britain, Conn. Stop and friction spring for slides of measuring instruments. 1,998,018; Apr. 16.
- Kaeb, Georg. (See Schmidt, O., Huttner and Kaeb.)
- Kaefer, John, Jr., and E. Albrecht, Cincinnati, Ohio. Fruit juice extractor. 2,010,491; Aug. 6.
- Kaegi, Hans. (See Barz, F., Landolt, Gelgy, Kaegi, and Graenacher.)
- Kaehler, Hans, Oppau, and H. Klein, Mannheim, Germany, assignors to Standard-I. G. Company, Linden, N. J. Improving hydrocarbons. 1,996,008; Mar. 26.
- Kaelin, Charles G. (See Oberkircher, E. C., and Kaelin.)
- Kaelin, Frederick T., Montreal, Quebec, Canada. Electric steam generator. 1,993,843; Mar. 12.
- Kaemmer, Harry E., assignor to The S. E. Hyman Company, Fremont, Ohio. Radiator grille cover. 2,020,838; Nov. 12.
- Kaemmerling, Gustav H., assignor to Erie City Iron Works, Erie, Pa. Wall structure. 2,005,376; June 18.
- Kaeser, Frank J. (See Kassekert, H., and Kaeser.)
- Kaess, Louis L., Jamaica, N. Y. Radio direction finder. 2,023,891; Dec. 10.
- Kaestner, E. A., Company. (See Kaestner, Robert E., assignor.)
- Kaestner, Robert E., Baltimore, Md., assignor to E. A. Kaestner Company. Heat interchange apparatus. 2,006,299; June 25.
- Kagi, Albert. (See Davis, E., and Kagi.)
- Kägi, Emil, assignor to firm Sulzer Frères Société Anonyme, Winterthur, Switzerland. Compressor. 2,004,726; June 11.
- Kägi, Emil, assignor to the firm Sulzer Frères Société Anonyme, Winterthur, Switzerland. Refrigerating apparatus. 2,025,456; Dec. 24.
- Kagi, Rudolph H., Grantwood, N. J., assignor to Heberlein Patent Corporation, New York, N. Y. Artificial fiber and producing same. 2,019,185; Oct. 29.
- Kahl, Leopold, Charlottenburg-Berlin, assignor to Rütgerswerke-Aktiengesellschaft, Berlin, Germany. Production of phenol. 2,003,941; June 4.
- Kahle, Fred H., et al. (See Campbell, Jackson L., assignor.)
- Kahle, Max, Chicago, Ill. Curtain rod and supporting means therefor. 2,017,098; Oct. 15.
- Kahle Otto E., et al. (See Campbell, Jackson L., assignor.)
- Kahler, Edwin H., assignor to Glenwood Range Company, Taunton, Mass. Gas burner. 1,990,736; Feb. 12.
- Kahlisch, Gustav. (See Reiners, W., and Kahlisch.)
- Kahlisch, Gustav, assignor to W. Schlafhorst & Co., Munchen-Gladbach, Germany. Beaming machine for cross winding. 2,026,315; Dec. 31.
- Kahn, Adolph R. (See Amezcua, Heriberto, assignor.)
- Kahn, Alfred. (See Callahan, J. L., Mathes and Kahn.)
- Kahn, Alfred, New York, N. Y. Combined scoop, drain, and collector. 1,987,011; Jan. 8.
- Kahn, Alfred, Ozone Park, N. Y., assignor to Radio Corporation of America. Multiplex receiving apparatus. 1,995,181; Mar. 19.

- Kahn, Armand M., and M. A. Hyde, Wilksburg, Pa., as signors to Westinghouse Electric and Manufacturing Company. Simplex synchronous motor control system. 1,991,098; Feb. 12.
- Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 1,989,933; Feb. 5.
- Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 1,996,473; Apr. 2.
- Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 2,000,334; May 7.
- Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 2,000,335; May 7.
- Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 2,002,894; May 28.
- Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. 2,014,848; Sept. 17.
- Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 2,014,849; Sept. 17.
- Kahn, Bertrand B., Cincinnati, and W. T. Bradbury, assignors to The Estate Stove Company, Hamilton, Ohio. Stove. 2,000,333; May 7.
- Kahn, Charles, Brooklyn, N. Y. Miniature calendar. 1,993,514; Mar. 5.
- Kahn, David, Inc. (See Kahn, Julius, assignor.)
- Kahn, Frank, Philadelphia, Pa. Umbrella. 1,996,071; Apr. 2.
- Kahn, Harry H. (See Kahn, Mandel, assignor.)
- Kahn, Julius, assignor to Truscon Steel Company, Youngstown, Ohio. Floor truss construction. 1,995,924; Mar. 26.
- Kahn, Julius, assignor to Truscon Steel Company, Incorporated, Youngstown, Ohio. Floor and beam construction. 2,022,622; Nov. 26.
- Kahn, Julius, North Bergen, assignor to David Kahn, Inc., North Bergen Township, Hudson County, N. J. Mechanical pencil. 2,009,182; July 23.
- Kahn, Julius, and W. F. Schulz, assignors to Truscon Steel Company, Youngstown, Ohio. Building truss structure. 1,991,682; Feb. 19.
- Kahn, Laskar. (See Knight, R. B., and Kahn.)
- Kahn, Leo M., New York, N. Y. Safety control for presses. 2,020,839; Nov. 12.
- Kahn, Leo M., New York, N. Y. Laundry press. 2,021,312; Nov. 19.
- Kahn, Leo M., New York, N. Y., assignor, by mesne assignments, to American Laundry Machinery Company, Cincinnati, Ohio. Folding machine. 2,011,934; Aug. 20.
- Kahn, Leo M., New York, N. Y., assignor, by mesne assignments, to American Laundry Machinery Company, Cincinnati, Ohio. Folding machine. 2,022,351; Nov. 26.
- Kahn, Leo M., New York, N. Y., assignor, by mesne assignments, to American Laundry Machinery Company, Cincinnati, Ohio. Folding machine. 2,022,352; Nov. 26.
- Kahn, Leo M., New York, N. Y., assignor, by mesne assignments, to American Laundry Machinery Company, Cincinnati, Ohio. Inspection device for flat work ironers. 2,025,109; Dec. 24.
- Kahn, Lionel J., and R. W. Schwab, Atlanta, Ga. Display stand. 1,991,156; Feb. 12.
- Kahn, Mandel, Chicago, assignor to H. H. Kahn, Wilmette, Ill. Bumper, particularly for automobile doors. 2,024,100; Dec. 10.
- Kahn, Mandel, Chicago, assignor to H. H. Kahn, Chicago, Ill. Bumper. 2,024,101; Dec. 10.
- Kahn, Mandel, Chicago, assignor to H. H. Kahn, Wilmette, Ill. Bumper unit for doors and the like. 2,024,102; Dec. 10.
- Kahn, Max, Cedarhurst, N. Y. Foundation garment. 1,993,671; Mar. 5.
- Kahn, Myrtle. (See Clingstein, H., and Kahn.)
- Kahn, Robert L. (See Schagrin, Harry, assignor.)
- Kahre, George F., St. Louis County, Mo. Hand operated cigarette making machine. 2,006,595; July 2.
- Kaizer, Fred R., Bridgeport, Conn., assignor to General Electric Company. Electrical cable. 2,007,761; July 9.
- Kaizer, Fred R., York, Pa., assignor to General Electric Company. Electrical cable. 2,007,762; July 9.
- Kain, Clifford H., et al. (See Richard, Clement C., assignor.)
- Kaiser, Christian, Heilbronn-on-the-Neckar, Germany. Packing and making same. 2,024,369; Dec. 17.
- Kaiser, Frank F., Montrose, N. Y. Differential registering gear. 2,015,036; Sept. 17.
- Kaiser, H. S., Company. (See Kaiser, Harry S., assignor.)
- Kaiser, Harry S., assignor to H. S. Kaiser Company, Chicago, Ill. Air filter. 2,019,186; Oct. 29.
- Kaiser, Herman F. (See Canfield, R. H., and Kaiser.)
- Kaiser, Jacob, Vaibingen, and E. Sauer, Stuttgart, Germany. Artificial manure and producing same. 2,000,082; May 7.
- Kaiser, Karl. (See Lofman, C., and Kaiser.)
- Kaiser, Karl, Michigan City, Ind., assignor to S. Karpen & Bros., Chicago, Ill. Upholstery spring turning and positioning machine. 1,995,641; Mar. 26.
- Kaiser, Peter W., Milwaukee, Wis. Waste heat economizer. 2,020,686; Nov. 12.
- Kaiser, Walter E. (See Hughes, W. L., and Kaiser.)
- Kaiser, Wilhelm. (See Kirstahler, A. and Kaiser.)
- Kaiser, Wilhelm J. (See Kirstahler, A., and Kaiser.)
- Kaiser, Wilhelm, and H. Balke, Lichtenberg, Berlin, Germany, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Automatic coupling for pipe lines, electric lines on railway and other vehicles and the like. 2,003,082; May 28.
- Kaisser, Karl, Munich, Germany. Electrolytic treatment of liquids. 2,004,065; June 4.
- Kakoska, Christian, Saginaw, Mich. Brace for vehicle tail-gates. 2,009,621; July 30.
- Kalamazoo Vegetable Parchment Company. (See Clark, Ralph S., assignor.)
- Kalamazoo Vegetable Parchment Company. (See Hanson, Helen M., assignor.)
- Kalamazoo Vegetable Parchment Company. (See Hayward, Ralph A., assignor.)
- Kalb, Lewis P. (See Meyer, A. J., and Kalb.)
- Kalb, Lewis P., Grosse Pointe Village, assignor to Continental Motors Corporation, Detroit, Mich. Internal combustion engine. 1,985,996; Jan. 1.
- Kalb, Lewis P., Grosse Pointe Village, assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,004,002; June 4.
- Kalb, Lewis P., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,013,157; Sept. 3.
- Kalb, Ralph T., Maplewood, Mo. Electric circuit tester. 1,995,476; Mar. 26.
- Kalenborn, Arion S. (See Frickey, R. E., and Kalenborn.)
- Kalenborn, Arion S., Redwood City, assignor to Welding Service, Inc., San Francisco, Calif. Rail slotting machine. 1,993,933; Mar. 12.
- Kaler, Bertha M., et al. (See Rickerd, Hazel C., assignor.)
- Kalf, Jan, Ede, Netherlands, assignor, by mesne assignments, to American Enka Corporation, Wilmington, Del. Apparatus for guiding filaments onto bobbins. 2,025,988; Dec. 31.
- Kalfur, Margaret von F., Pinewald, N. J. Toy or the like. 2,008,453; July 16.
- Kalgren, John E., assignor of one-half to J. R. Clark, Minneapolis, Minn. Rotary grill. 1,993,607; Mar. 5.
- Kalhaus, Ernst, J. E. de Christmas Dirckinck de Holmfeld, and Valdemar de Christmas Dirckinck de Holmfeld, Paris, France. Lighting apparatus. 2,006,171; June 25.
- Kall-Chemie Aktiengesellschaft, The. (See Rüsberg, Friedrich, assignor.)
- Kalichevsky, Vladimir. (See Fulton, S. C., and Kalichevsky.)
- Kalin, Albert, assignor to Woodward Governor Company, Rockford, Ill. Speed governor drive. 2,011,859; Aug. 20.
- Kalin, Walter, Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrodynamic device. 1,987,445; Jan. 8.
- Kalina, Charles A., Exeter, Nebr. Hog oiler. 2,020,063; Nov. 5.
- Kalio, Inc. (See Lieberknecht, Karl R., assignor.)
- Kalischer, Georg, Cologne-on-the-Rhine-Marienburg, and W. Zerweck, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Condensation product of the oxazine series. 2,020,651; Nov. 12.
- Kalischer, Georg, Frankfurt-on-the-Main, and W. Zerweck, Frankfurt-on-the-Main, Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dioxazine compounds and making same. 2,024,525; Dec. 17.
- Kalischer, Milton, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,013,756; Sept. 10.
- Kalinsey, Paul W. (See Phillips, I. M., and Kalinsey.)
- Kalk, Albert C., assignor to The G. W. Dulaney Trust, Chicago, Ill. Burner. 1,991,942; Feb. 19.
- Kalko, Stephen, Piersonville Park, Bordentown Township, Burlington County, N. J. Cylinder rotary cut-off knife. 1,989,012; Jan. 22.
- Kalle & Co., Aktiengesellschaft. (See Kürten, Wilhelm, assignor.)
- Kalle & Co., Aktiengesellschaft. (See Schmidt, M. P., Süs., and Franke, assignors.)
- Kalle & Co., Aktiengesellschaft. (See Süs, Oskar, assignor.)
- Kalle & Co., Aktiengesellschaft. (See Voigt, Wilhelm, assignor.)
- Kalle & Co., Aktiengesellschaft. (See Voss, Julius, assignor.)
- Kallenbach, Edward E., assignor to R. Hudnut, New York, N. Y. Applicator. 1,994,890; Mar. 19.
- Kallmeyer, Friedrich W., Bremen, Germany, assignor to Submarine Signal Company, Boston, Mass. Sound receiving apparatus. 2,019,495; Nov. 5.
- Källner, Gerhard, Ida- und Marienhütte, assignors to Silesia Verein Chemischer Fabriken, Ida- und Marienhütte near Saarzan, Silesia, Germany. Preparation of dibenzothiazylsulphide from 2-mercaptobenzothiazole. 1,998,240; Apr. 16.
- Kallos, Johann, Budapest, Hungary. Automatic depositing device for meat and sausage slicing machines with rotary circular knives. 2,013,054; Sept. 3.
- Kálmán, Márton, Budapest, Hungary, assignor to Universal Postal Franks, Limited, London, England. Value stamping device. 2,005,038; June 18.
- Kalman Steel Company. (See Baum, Isaac A., assignor.)
- Kalman Steel Corporation. (See White, William E., assignor.)

- Kalner, Samuel, and D. Cohn, Brooklyn, N. Y., assignor to Eyedoll Corporation, Jersey City, N. J. Doll's head. 2,013,631; Sept. 3.
- Kaltenbach, Charles E., deceased, Cranford, N. J., H. Muhlenbrock, J. C. Kaltenbach, and R. W. Aldrich, executors. Soap manufacture. 2,007,974; July 16.
- Kaltenbach, Juana C., executors et al. (See Kaltenbach, Charles E.)
- Kaltenbach, Robert W., Cleveland Heights, Ohio. System and apparatus for reeving counterweight cables. 2,003,715; June 4.
- Kalunite Company. (See Fleischer, Arthur, assignor.)
- Kalvin, Louis, New York, N. Y. Dental impression reinforcement tray. 2,011,860; Aug. 20.
- Kalvin, Louis, New York, N. Y. Adjustable holder for dental impression trays. 2,024,526; Dec. 17.
- Kalske, Jalmar, and J. B. Byrnes, Butte, Mont. Windshield wiper. 2,020,784; Nov. 12.
- Kamak, Henry W., assignor to The American Brass Company, Waterbury, Conn. Connection for joining sections of range boilers and pressure vessels and method of making. 1,995,616; Mar. 26.
- Kamak, Henry W., assignor to The American Brass Company, Waterbury, Conn. Securing spuds and similar fittings in range boilers and other vessels, pipes, etc. 2,005,087; June 18.
- Kamborian, Jacob S., West Newton, assignor to Northern Machine Co., Inc., Boston, Mass. Shoe and making the same. 1,989,279; Jan. 29.
- Kamenetzky, Abraham, Brooklyn, N. Y. Water heater. 2,014,135; Sept. 10.
- Kaminky, Oscar H. (See Reinhardt, J. A., and Kaminky.)
- Kamm, Oliver, Grosse Pointe, and I. W. Grote, assignors to Parke, Davis & Company, Detroit, Mich. Composition of matter. 2,011,447; Aug. 13.
- Kammer, William F., Wenatchee, Wash. Household press for fruits and vegetables. 2,022,206; Nov. 26.
- Kammerdiner, James A. (See Beck, Julius S., assignor.)
- Kammerdiner, James A. (See Black, Millard S., assignor.)
- Kammerdiner, James A. (See McCullough, Ira J., assignor.)
- Kammerdiner, James A. (See McCullough, Otis J., assignor.)
- Kammerdiner, James A., Los Angeles, Calif. Fluid catch rotary jar. 1,989,280; Jan. 29.
- Kammerdiner, James A., Los Angeles, Calif. Torsion set rotary jar. 2,005,225; June 18.
- Kammerer, Harry A., Mount Vernon, N. Y. Window screen. 2,021,068; Nov. 12.
- Kammritz, Arthur E., East Hartford, Conn. Garment hanger. 2,009,497; July 30.
- Kamp, Julien. (See Botson, R., and Kamp.)
- Kamp, Roy E., Fort Worth, Tex. Gas and air control for gas burners. 1,991,019; Feb. 12.
- Kamper, Andrew M., Surbiton, assignor to No-Nail Cases Proprietary Limited, London, England. Apparatus for attaching metal strips to sheets of wood, composition boarding, or the like. 2,002,265; May 21.
- Kampman, Curtis E. (See Hull, H. B., and Kampman.)
- Kampnagel Aktiengesellschaft. (See Lange, Johann F. H., assignor.)
- Kamps, Leo E., Vermillion, Ohio. Brush and thistle cutter. 2,026,348; Dec. 31.
- Kamrass, Ellis, New York, N. Y. Metal stemming stick. 1,990,407; Feb. 5.
- Kamrath, Herbert G., Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Multistage type air cleaner. 2,018,131; Oct. 22.
- Kamura, Heibachi, Tobata-Shi, Japan. Manufacturing magnetic iron and steel. 2,026,390; Dec. 31.
- Kanabay, Edward J. (See Benolt, L., and Kanabay.)
- Kanal, Kunzo, Bosler, Wyo. Cigarette case. 2,015,628; Sept. 24.
- Kanamori, Shigeyuki, Araiuku, Omori-ku, Tokyo, Japan. Twiggid pile. 2,008,307; July 16.
- Kanard Company. (See Eberhard, Robert G., assignor.)
- Kanco, Inc. (See Collat, E., and Kant, assignors.)
- Kane, Henry F. (See Barnard, K. H., and Kane.)
- Kane, Jacob, Rochester, N. Y. Ophthalmic mounting. 2,009,012; July 23.
- Kane, Paul, Brussels, Belgium, assignor to International Harvester Company. Cutting apparatus for mowers and the like. 1,999,050; Apr. 23.
- Kane, Peter W., Rochester, N. Y. Golf practice device. 1,991,252; Feb. 12.
- Kane, Thomas, Holborn, assignor to Edward H. Strange, London, England. Manufacture of carboxylic acid esters from olefines. 2,014,850; Sept. 17.
- Kann, William L., Pittsburgh, Pa. Pyrotechnic device. 2,022,770; Dec. 3.
- Kannel, Charles, Luray, Va. Ventilator construction. 1,995,456; Mar. 26.
- Kanner, Harry M., Sacramento, Calif. Thermal douche. 2,010,457; Aug. 6.
- Kanner, Louis. (See Kahn, E. E., and Kanner.)
- Kanolt, Clarence W., New York, N. Y. Changeable colored picture. 1,989,553; Jan. 29.
- Kant, Edwin S., Brookline, Mass. Automatically operated heater. 1,989,169; Jan. 29.
- Kant, Walter A. (See Collat, E., and Kant.)
- Kanter, Sam, Chicago, Ill. Smoking pipe. 2,006,808; July 2.
- Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle crowning machine. 2,005,585; June 18.
- Kantor, J., assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle crowner. 2,017,411; Oct. 15.
- Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Crown throat. 2,019,825; Nov. 5.
- Kantorowicz, Julius, Breslau, Germany. Manufacturing wetproof cellulose products. 2,010,635; Aug. 6.
- Kantrow, Joseph W., Long Island City, N. Y. Ornamental material and making the same. 2,001,962; May 21.
- Kanz, Hans, Zurich, Switzerland. Nonrefillable bottle. 1,990,076; Feb. 5.
- Kanz, Hans, Zurich-Albisrieden, Switzerland. Material for hard-soldering and welding. 1,992,576; Feb. 26.
- Kaparin, Otto, Garfield, N. J., assignor to Northam Warren Corporation, New York, N. Y. Means pertaining to toilet articles. 2,017,538; Oct. 15.
- Kapella, John, Chicago, Ill. Bathtub attachment. 2,026,045; Dec. 31.
- Kapella Limited. (See Lee, Horace, W., assignor.)
- Kapella Limited. (See Taylor, William, assignor.)
- Kapital & Industrierwerte A. G. (See Dederer, Richard, assignor.)
- Kaplan, Albert A., and E. Porcelain, Bronx, N. Y. Tie clasp. 2,016,747; Oct. 8.
- Kaplan, Alexander, Cleveland, Ohio. Spool holder. 2,001,100; May 14.
- Kaplan, Benjamin. (See Schwartz, M. D., and Kaplan.)
- Kaplan, Elias, assignor to Elias Kaplan, Inc., Hoboken, N. J. Attachment for windows or the like. 2,017,539; Oct. 15.
- Kaplan, Elias, Inc. (See Kaplan, Elias, assignor.)
- Kaplan, F. (See Avery, John P., assignor.)
- Kaplen, Harry H. (See Snelson, Samuel L., assignor.)
- Kaplan, Harry K., London, England. Scaffold coupling and clamp. 2,007,497; July 9.
- Kaplan, Harry K., London, England. Scaffold coupling and clamps. 2,024,527; Dec. 17.
- Kaplan, Michael. (See Feuerstein, Harold, assignor.)
- Kaplan, Philip, Brooklyn, N. Y., assignor to Richards Chemical Works, Inc., Jersey City, N. J. Light colored gum for fabric printing. 1,990,330; Feb. 5.
- Kaplan, Philip, Brooklyn, N. Y. Soaking natural silk fibers. 2,025,989; Dec. 31.
- Kaplan, Samuel M., Philadelphia, Pa., assignor to Radio Corporation of America. Insulating body for radio apparatus. 1,995,150; Mar. 19.
- Kapnek, William S., Philadelphia, Pa., assignor to Modern Easel Company. Easel. 2,007,534; July 9.
- Kapnek, William S., Philadelphia, Pa., assignor to Modern Easel Company. Easel. 2,007,535; July 9.
- Kapner, Ben. (See Rich, Martin F., assignor.)
- Kappeler, John A., Dayton, Ohio. Cigarette roller. 2,015,312; Sept. 24.
- Kappenberg, August, Bayside, N. Y. Juvenile amusement device. 1,998,508; Apr. 23.
- Käppler, Felix, Freibergin, Saxony, Germany. Folding box. 2,006,678; July 2.
- Kaps, Frank J., New York, N. Y. Bottle closure. 2,001,426; May 14.
- Kaps, Richard A., et al, trustees. (See Ducker, Louis F., assignor.)
- Kapteyn, Paul, Berlin, Germany. Discharge tube. 2,021,102; Nov. 12.
- Kapteyn, Paul, Berlin, Germany. High frequency amplifier. 2,021,103; Nov. 12.
- Kapteyn, Paul, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Two anode tube and connection system for the same. 2,024,736; Dec. 17.
- Karagheusian, A. & M., Inc. (See Sturm, Linus, assignor.)
- Karasaawa, Shizuo, Tokyo, Japan, assignor to General Electric Company. Synchronous motor. 1,992,826; Feb. 26.
- Karasik, Reuben, Asbury Park, N. J. Plait for sport coats and the like. 1,986,110; Jan. 1.
- Karasik, Samuel, Oak Park, assignor to The Curtiss Candy Company, Chicago, Ill. Container. 2,002,742; May 28.
- Karasinski, Romuald. (See Johnson, H. L., and Karasinski.)
- Karcher, Otto, Canton, Ohio. Dispenser for catchup and the like. 2,024,005; Dec. 10.
- Karelitz, Max, Milford, Mass. Detachable fastening means for connecting collars to shirts. 2,006,103; June 25.
- Karg, Frank G. (See Ray, William F., assignor.)
- Karge, Maxwell R., Brockport, N. Y. Condenser for refrigerating units. 2,018,067; Oct. 22.
- Karius, William, Newark, N. J. Sausage apparatus. 1,996,474; Apr. 2.
- Karl, Heinrich, Jersey City, N. J. Utilizing the power of the currents in rivers. 1,987,065; Jan. 8.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Attachment for sewing machines. 1,997,419; Apr. 9.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Attachment for sewing machines. 2,003,200; May 28.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser-foot for sewing machines. 2,003,665; June 4.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Fabric-gripper. 2,003,942; June 4.

- Karlen, Willis W., Vilas, S. Dak. Sheet fastening device. 1,987,012; Jan. 8.
- Karlovszky, Geyza, Budapest, Hungary. Fastener for wrist watches. 1,992,623; Feb. 26.
- Karlson, Alfred F., Leominster, and T. Francis, North Leominster, assignors to Parks-Cramer Company, Boston, Mass. Method and apparatus for continuously conditioning a sheet of fibrous material. 1,992,753; Feb. 26.
- Karlson, Alfred F., North Leominster, assignor to Parks-Cramer Company, Boston, Mass. Method and apparatus for cooling and humidifying the air of an enclosure. 2,016,091; Oct. 1.
- Karlson, Gustav V., Elizabeth, N. J. Light signal apparatus. 2,016,145; Oct. 1.
- Karmac, Inc. (See Karnell, Robert D., assignor.)
- Karmazin Engineering Company. (See Karmazin, John, assignor.)
- Karmazin, John, assignor to Karmazin Engineering Company, Detroit, Mich. Making heat radiators. 1,997,563; Apr. 9.
- Karnaghan, Clyde H., Memphis, Tenn. Bottle dispensing apparatus. 2,001,786; May 21.
- Karnath, Kurt, Zweibrücken, Germany. Slide valve. 1,999,155; Apr. 23.
- Karnell, Robert D., assignor to Karmac, Inc., Cleveland, Ohio. Signal chime. 2,016,604; Oct. 8.
- Karnes, James C., Buffalo, N. Y. Optical system. 1,994,474; Mar. 19.
- Karnes, James C., Buffalo, N. Y. Sighting system for guns. 2,013,656; Sept. 10.
- Karnes, James C., Buffalo, N. Y. Telescopic sight for guns. 2,017,066; Oct. 15.
- Karnes, James C., Buffalo, N. Y. and G. J. Kessenich, Madison, Wis. Chamber for the projection of multiple image records. 1,987,625; Jan. 15.
- Karnes, Orin E., Caldwell, Tex. Display stand. 2,008,180; July 16.
- Karneth, Kurt, Zweibrücken, Germany. Device for resurfacing or grinding parallel surfaces. 1,993,944; Mar. 12.
- Karnopp, Karl W., Winnetka, Ill. Sterilizing apparatus. 2,003,651; June 4.
- Karns, Melvin E. (See Sinnett, C. M., and Karns.)
- Karolus, August, Leipzig, F. Schröter, and W. Ilberg, Berlin, Germany; said Karolus assignor to Radio Corporation of America; said Schröter and Ilberg assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. 1,987,110; Jan. 8.
- Karpen, S., & Bros. (See Caesar, O. S., and Van Derveer, assignors.)
- Karpen, S., & Bros. (See Dodge, Barnett F., assignor.)
- Karpen, S., & Bros. (See Kaiser, Karl, assignor.)
- Karpen, S., & Bros. (See Lofman, C., and Kaiser, assignors.)
- Karpen, S., & Bros. (See Van Derveer, Clarence A., assignor.)
- Karper, Abraham S., New York, N. Y. Closure. 1,987,299; Jan. 8.
- Karpiloff, Louis, Brooklyn, N. Y. Apparatus for making skinless sausages. 2,013,610; Sept. 3.
- Karplus, Eduard, and W. N. Tuttle, assignors to General Radio Company, Cambridge, Mass. Alternating-current apparatus. 2,009,013; July 23.
- Karr, Charles, Company. (See Erickson, Theodore, assignor.)
- Karr, Charles D., Holland, Mich. Sleeping pad. 2,013,562; Sept. 3.
- Karr, Charles D., Holland, Mich. Sleeping pad. 2,021,237; Nov. 19.
- Karr, Charles D., Holland, Mich. Mattress and handle therefor. 2,021,238; Nov. 19.
- Karre, Hugo, Eskilstuna, Sweden. Locking device for cupboards and the like. 2,010,492; Aug. 6.
- Karrer, Enoch, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for ascertaining the plasticity of materials. 1,988,597; Jan. 22.
- Karrer, Sebastian. (See Betz, P. L., and Karrer.)
- Karrick, Lewis C., New York, N. Y. Destructive distillation of carbonaceous material. 2,011,054; Aug. 13.
- Karron, David, Brooklyn, N. Y. Hand bag. 1,996,337; Apr. 2.
- Karsch, Walter. (See Scholler, H., and Karsch.)
- Karsel, William, Chicago, Ill. Automobile heater. 2,010,920; Aug. 13.
- Karsel, William, Chicago, Ill., and C. W. Taylor, St. Louis, Mo., said Taylor assignor to said Karsel. Automobile heater. 2,004,993; June 18.
- Karsikas, Arvid P., assignor to The Ashtabula Bow Socket Company, Ashtabula, Ohio. Foot rest. 1,986,399; Jan. 1.
- Kartaschoff, Valentin, assignor to the firm Chemical Works formerly Sandoz, Basel, Switzerland. Manufacture of new sulphurized derivatives of phenols. 1,989,989; Feb. 5.
- Karten, William T., Pittsburgh, Pa. Baking vessel. 2,001,615; May 14.
- Kartizky, John. (See Pleister, H. W., and Kartizky.)
- Kasamiz, Louis G., Elkhart, Ind. Grilling stove. 1,997,192; Apr. 9.
- Kasanof, David R., et al. executor. (See Kasanof, Maurice M.)
- Kasanof, Maurice M., Bronx, deceased, D. R. Kasanof and A. Kriegel, New York, N. Y., executors. Apparatus for winding sheet material. 2,007,150; July 2.
- Kasanof, Maurice M., New York, N. Y.; D. R. Kasanof, and A. Kriegel, executors of said Maurice M. Kasanof, deceased. Fabric treatment and apparatus therefor. 2,011,935; Aug. 20.
- Kasanof, Maurice M., deceased, Bronx, N. Y., D. R. Kasanof and A. Kriegel, New York, N. Y., executors. Fabric treating machine. 2,013,632; Sept. 3.
- Kasantzeff, Florentin, Berlin, Germany. Triple valve for direct acting automatic brakes. 1,989,453; Jan. 29.
- Kasdan, Alfred S., New York, N. Y. Fly box. 1,993,144; Mar. 5.
- Kasdan, Nathan, New York, and R. F. Landwehr, Woodside, assignors to Majestic Metal Specialties, Inc., New York, N. Y. Lip stick holder. 2,019,680; Nov. 5.
- Kasdan, Nathan, New York, and R. F. Landwehr, Laurelton, Long Island, assignors to Majestic Metal Specialties, Inc., New York, N. Y. Lip stick holder. 2,019,681; Nov. 5.
- Kase, Nathan. (See Wiesenfeld, L., and Kase.)
- Kaseberg, Theodore, Granite City, Ill., assignor to American Car and Foundry Company, New York, N. Y. Punching machine. 1,986,063; Jan. 1.
- Kaselitz, Oskar, Berlin, Germany. Utilizing the nitrogen in nitrosyl chloride. 2,004,663; June 11.
- Kaselitz, Oskar, Berlin, Germany. Production of potassium nitrate. 2,024,370; Dec. 17.
- Kaselitz, Oskar, Berlin, Germany. Production of nitric oxide and hydrogen chloride from nitrosyl chloride. 2,025,391; Dec. 24.
- Kaser, Everett D., assignor to Durabilt Steel Locker Company, Aurora, Ill. Tennis table. 1,995,543; Mar. 26.
- Kasik, Robert, Chicago, Ill. Safety lock for transom lifters. 2,010,593; Aug. 6.
- Kask, Alexander, San Mateo, Calif. Scaffold. 2,006,574; July 2.
- Kasley, Alexander T., Prospect Park, Pa., assignor to D. C. E. Development Company, Wilmington, Del. Fuel injection system for internal combustion engines. 2,001,843; May 21.
- Kasley, Alexander T., Prospect Park, Pa., assignor to Delaware Chemical Engineering Company, Wilmington, Del. Power plant. 2,005,377; June 18.
- Kaspar, Albert, Cicero, Ill. Window. 2,000,522; May 7.
- Kaspar, Otto. (See Trefz, Julius J., assignor.)
- Kasper, Walter F., assignor to Fairmont Railway Motors, Inc., Fairmont, Minn. Differential axle. 2,013,885; Sept. 10.
- Kassabian, Leon G., Los Angeles, Calif. Preserving dead bodies. 2,023,685; Dec. 10.
- Kassekert, Henry, Maple Shade, N. J., and F. J. Kaeser, assignors to E. J. Spangler Company, Philadelphia, Pa. Mechanism for making and applying transparent window patches to envelopes. 2,006,215; June 25.
- Kasson, Julius et al. (See Van Note, Eugene, assignor.)
- Kasson, Max et al. (See Van Note, Eugene, assignor.)
- Kast, Harry A. (See Lahey, R. W., and Kast.)
- Kast, Samuel H., assignor to Railway and Industrial Engineering Company, Greensburg, Pa. Protective system. 1,995,678; Mar. 26.
- Kastar Specialty Mfg. Co. (See Lampert, Herbert H., assignor.)
- Kastar Specialty Mfg. Co. (See Stark, Louis, assignor.)
- Kastien, Emil P. (See Spaninger, W. W., and Kastien.)
- Kastien, Emil P., assignor to Keystone Steel & Wire Company, Peoria, Ill. Fence post. 2,025,289; Dec. 24.
- Kastner, Edward C., Fairlawn, assignor to Wingfoot Corporation, Akron, Ohio. Retractable valve stem. 2,007,916; July 9.
- Kastner, Karl G., Louisville, Ohio. Stair tread cushion. 1,999,127; Apr. 23.
- Kästner, Otto M., Nordeney, Germany, assignor to Jacobus C. Kooyman, The Hague, Netherlands. Method of and apparatus for pumping concrete. 2,017,974; Oct. 22.
- Kastriner, Henry, Cleveland, Ohio. Duplicating apparatus. 1,993,611; Mar. 5.
- Katadyn, Inc. (See Krause, George A., assignor.)
- Katcher, Morris. (See Horwitt, N. G., and Katcher.)
- Katcher, Morris, Long Island City, assignor to Samuel and Harry Bonat, constituting the firm of Samuel Bonat & Bro., New York, N. Y. Device for winding hair. 1,997,690; Apr. 16.
- Kato, Yozoro, Ebara-Gun, Tokyo-Fu, Japan, assignor of fifty per cent to K. Oyama, the Representative Director of Yuasa Storage Battery Company, Ltd., Osaka-Fu, Japan. Manufacture of manganese dioxide. 1,988,799; Jan. 22.
- Kato, Yozoro, Ebara-Machi, Tokyo, and T. Takei, Shinagawa-Machi, Tokyo, Japan, assignors to The Mitsubishi Denki Kabushiki-Kaisha. Permanent magnet and manufacturing same. 1,997,193; Apr. 9.
- Katsaros, Michael et al. (See Stark, John F., assignor.)
- Katz, Abraham M., assignor to Ideal Novelty & Toy Co., Brooklyn, N. Y. Doll. 2,005,088; June 18.
- Katz, Alfred, assignor to Stylepark Hats, Inc., Philadelphia, Pa. Hat structure. 1,995,986; Mar. 26.
- Katz, David, Washington, D. C. Traffic detector. 1,992,214; Feb. 26.
- Katz, Harry. (See Lichtman, Louis, assignor.)
- Katz, Herman, Oakland, Calif. Lens lining for spectacle frames. 1,995,617; Mar. 26.
- Katz, Herman S., assignor to S. Levites and I. Nathan, Cincinnati, Ohio. Changeable neon sign. 1,991,099; Feb. 12.
- Katz, Morris, New York, N. Y. Shopping bag. 1,996,619; Apr. 2.

- Katz, Samuel J., assignor to Consolidated Mounting and Finishing Corp., New York, N. Y. Toy pistol. 2,016,548; Oct. 8.
- Katz, Samuel, New York, N. Y., assignor to Gibraltar Corrugated Paper Co. Inc., North Bergen, N. J. Paper box or carton. 1,997,523; Apr. 9.
- Katz, William, St. Louis, Mo. Hat. 2,020,191; Nov. 5.
- Katze-Miller, Carlton J., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Making conduits. 2,016,447; Oct. 8.
- Katzenmoyer, Harry E., Laureldale, assignor to Fisher Hosiery Co., Inc., Reading, Pa. Run resistant fabric. 2,000,176; May 7.
- Katzinger, Edward, Company. (See Jackson, Joseph G., assignor.)
- Katzinger, Edward, Company. (See Schauer, Walter E., assignor.)
- Katzinger, Edward, Company. (See Zimmer, Myron J., assignor.)
- Katzman, Max, Utica, N. Y. Vaporizer nozzle. 2,013,917; Sept. 10.
- Kaub, Ottmar L., St. Louis, Mo. Ice skate. 1,996,925; Apr. 9.
- Kaufman, Edmund J., Girard, assignor to Valley Mould & Iron Corporation, Hubbard, Ohio. Ingot mold. 2,001,879; May 21.
- Kaufman, Edmund J., Girard, assignor to Valley Mould and Iron Corporation, Hubbard, Ohio. Method and mold for eliminating ingot surface defects. 2,018,762; Oct. 29.
- Kaufman, George C., Philadelphia, Pa. Fastening device. 2,019,262; Oct. 29.
- Kaufman, Glen W. (See Parker, Loring S., assignor.)
- Kaufman, Jesse S., Detroit, Mich. Engine starting mechanism. 2,010,265; Aug. 6.
- Kaufman, Walter L., 2d, assignor to Lovell Manufacturing Company, Erie, Pa. Headed pin. 2,003,595; June 4.
- Kaufman, Walter L., 2d, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,007,448; July 9.
- Kaufner, Felix. (See Halbig, P., and Kaufner.)
- Kaufman, Edwin A. (See Laube, G., and Kaufman.)
- Kaufman, Frank M., Merion, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Double pile fabric loom. 1,993,373; Mar. 5.
- Kaufman, Gus, Beacon, assignor to The Texas Company, New York, N. Y. Grease and its manufacture. 2,002,819; May 28.
- Kaufman, Gus, Beacon, assignor to The Texas Company, New York, N. Y. Lubricant. 2,024,990; Dec. 17.
- Kaufman, Gus, and C. E. Lauer, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Treating hydrocarbon oil containing naphthenic acids. 1,986,775; Jan. 1.
- Kaufman, Hans, Munster, Westphalia, Germany. Difficultly dissociable acyl derivatives of salicylic acid and making same. 2,009,183; July 23.
- Kaufman, Harold J., Columbus, Ohio. Building block. 1,986,759; Jan. 1.
- Kaufman, Harold J., Columbus, Ohio. Building block. 2,023,023; Dec. 3.
- Kaufman, Herman, Laurelton, N. Y. Window sash lock. 1,992,531; Feb. 26.
- Kaufman, Joseph S., Newark, N. J. Method of and apparatus for treating exhaust gases. 2,021,690; Nov. 19.
- Kaufman, William, Mount Vernon, N. Y. Receptacle closure. 2,016,440; Oct. 8.
- Kaufmann, Ary. (See Lee, M. L., and Kaufmann.)
- Kaufmann, Hans, Frankfort-on-the-Main, Germany. Manufacture of facsimiles on wood. 2,013,611; Sept. 3.
- Kaufmann, Hermann. (See Herold, P., and Kaufmann.)
- Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Harness for cross weaving. 1,989,053; Jan. 22.
- Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Harness for cross weaving. 1,989,056; Jan. 22.
- Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom reed. 1,997,560; Apr. 9.
- Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom harness. 2,010,786; Aug. 6.
- Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Heddle frame. 2,017,412; Oct. 15.
- Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Heddle frame. 2,019,821; Nov. 5.
- Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom heddle and making the same. 2,019,822; Nov. 5.
- Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Jacquard loom harness. 2,022,623; Nov. 26.
- Kaufmann, K., & Co. Inc. (See Lee, M. L., and Kaufmann, assignors.)
- Kaufmann, Kurt, Tegel at Berlin, Germany, assignor to Automatische Aktiengesellschaft für automatische Druckmaschinen, Berlin, Germany. Folding machine. 2,009,665; July 30.
- Kaufmann, Richard H., Schenectady, N. Y., assignor to General Electric Company. Electrical load control system. 1,988,278; Jan. 15.
- Kaumagraph Company. (See Lawrence, W. S., and Miller, assignors.)
- Kaustine Company, The. (See Bennett, T., and Fortenbaugh, assignors.)
- Kautter, Carl T., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Process and product relating to halohydrins. 2,007,168; July 9.
- Kautter, Wolfgang, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Antidistortion device. 1,999,566; Apr. 30.
- Kautter, Wolfgang, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Generator. 2,014,136; Sept. 10.
- Kautz, Delton R., Norwood, assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Device for reproducing sound from film records. 2,014,767; Sept. 17.
- Kauzor, Anthony A., Pittsburgh, Pa. Finger safety guard and assistant. 2,015,186; Sept. 24.
- Kavanaugh, Charles H., Glassboro, N. J. Fruit picker's bag. 1,994,362; Mar. 12.
- Kavanaugh, James C., et al. (See Parks, R. D., and Hildenbrand, assignors.)
- Kavanaugh, John P., et al. (See Parks, R. D., and Hildenbrand, assignors.)
- Kavanaugh, Robert H., Bangor, Maine. Ornamenting surfaces by a sand blast. 2,016,092; Oct. 1.
- Kavanaugh, Robert H., Brewer, Maine. Stencil for sand blasting and making the same. 2,025,457; Dec. 24.
- Kawalle, William E., Manitowoc, Wis. Fluid heater. 1,998,673; Apr. 23.
- Kawneer, Company, The. (See Plym, Francis J., assignor.)
- Kay, Claude T., Goldville, S. C., assignor to Draper Corporation, Hopedale, Mass. Filling feeler. 1,990,332; Feb. 5.
- Kay, David, and J. W. Dyer, assignor to Kay Gyroplane Limited, Edinburgh, Scotland. Revolving wing or blade of aircraft. 2,023,840; Dec. 10.
- Kay & Ess Chemical Corporation, The. (See Kittredge, Harvey G., assignor.)
- Kay & Ess Chemical Corporation, The. (See Turner, A. J., and Kittredge, assignors.)
- Kay Foods, Incorporated. (See Brock, Cal O., assignor.)
- Kay, Frank W., assignor to American Engineering Company, Philadelphia, Pa. Domestic type stoker. 2,000,702; May 7.
- Kay Gyroplane Limited. (See Kay, D., and Dyer, assignors.)
- Kay, Herbert. (See Hall, J. H., Kay, and Myers.)
- Kay, Lou. (See Coons, Cecil F., assignor.)
- Kay, Murray, assignor to Steel Band Closure Co., Inc., New York, N. Y. Sealing closure for bottles. 1,998,408; Apr. 16.
- Kay, Walter, Bury, England. Manufacture of rubber articles. 1,998,896; Apr. 23.
- Kay, Walter, Bury, England. Manufacture of rubber articles and machine for use therein. 1,998,897; Apr. 23.
- Kay, Walter, Bury, England, assignor to Kaysam Corporation of America, Dover, Del. Manufacture of rubber articles. 2,014,253; Sept. 10.
- Kayatt, Philip J., New York, N. Y. Incandescent gas lighting device. 2,012,170; Aug. 20.
- Kayatt, Philip J., New York, N. Y., assignor of one-half to Murray E. Tucker, West Orange, N. J. Glow lamp. 1,989,041; Jan. 22.
- Kayatt, Philip J., assignor to Radio Inventions, Inc., New York, N. Y. Glowlamp. 1,991,749; Feb. 19.
- Kaye, James W., assignor to Kaye & MacDonald, Inc., West Orange, N. J. Steam trap. 2,004,953; June 18.
- Kaye, James W., assignor to Kaye & MacDonald, Inc., West Orange, N. J. Steam trap. 2,025,752; Dec. 31.
- Kaye & MacDonald, Inc. (See Kaye, James W., assignor.)
- Kayko, Charles J., assignor, by mesne assignments, to The Sparks-Withington Company, Jackson, Mich. Vacuum tube construction. 1,989,866; Feb. 5.
- Kayko, Charles J., and C. Gaylord Hall, assignors to The Sparks-Withington Company, Jackson, Mich. Electric tube evacuating apparatus. 2,006,771; July 2.
- Kayko, Charles J., assignor to The Sparks-Withington Company, Jackson, Mich. Electron discharge tube. 2,018,174; Oct. 22.
- Kayler, Frank H. (See Kinne, E. P., and Kayler.)
- Kayler, Frank H., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler. 1,986,400; Jan. 1.
- Kaylor, M. Jeannette. (See Nutting, Perley G., assignor.)
- Kayn, Stephen F., New York, N. Y., assignor to Delamere Company, Inc. Full fashioned hair net cap. 2,007,895; July 9.
- Kayne Company, The. (See Oathout, Charles E., assignor.)
- Kayner, Morris S., New York, N. Y. Cigar package. 2,005,039; June 18.
- Kaysam Corporation of America. (See Kay, Walter, assignor.)
- Kayser, Julius, & Co. (See Goas, Harry A., assignor.)
- Kayser, Otto, Berlin, Germany. Folding article of furniture. 1,994,952; Mar. 19.
- Kazanlian, John G., assignor to Peter Paul Incorporated, Naugatuck, Conn. Molding machine. 2,000,027; May 7.
- Kazenmaier, August, F. Allendorf, and A. Schmid, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Packing arrangement for electrical machines. 2,004,440; June 11.

- Keall, Frank B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Finishing machine. 2,000,961; May 14.
- Keall, Frank B., and L. Mawbey, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Driving and stopping mechanism. 2,024,293; Dec. 17.
- Keall, Oswald E., Chelmsford, England, assignor to Radio Corporation of America. Control system for use with electrical amplifiers. 2,010,998; Aug. 13.
- Kealoha, Ylan K., New York, N. Y. Finger pick. 2,016,438; Oct. 8.
- Kean, Otto V., Bronxville, N. Y., assignor to F. P. Warfield, New York, N. Y. Photographic device and method. 2,018,891; Oct. 29.
- Kearfott Engineering Company. (See Kraemer, Waldo L., assignor.)
- Kearney, Edward J., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission. 2,008,983; July 23.
- Kearney, Edward J., Wauwatosa, and J. B. Armitage, Milwaukee, assignors to Kearney-Trecker Corporation, West Allis, Wis. Machine tool and attachment. 1,994,221; Mar. 12.
- Kearney, Edward J., Wauwatosa, and F. A. Parsons and J. B. Armitage, Milwaukee, assignors to Kearney & Trecker Corporation, West Allis, Wis. Milling machine organization. 2,004,441; June 11.
- Kearney, James R., Corporation. (See Boothe, Eugene F., assignor.)
- Kearney, James R., Corporation. (See Halladay, Joseph R., assignor.)
- Kearney & Trecker Corporation. (See Andrew, W. K., and Armitage, assignors.)
- Kearney & Trecker Corporation. (See Kearney, Edward J., assignor.)
- Kearney & Trecker Corporation. (See Kearney, E. J., and Armitage, assignors.)
- Kearney & Trecker Corporation. (See Kearney, E. J., Parsons, and Armitage, assignors.)
- Kearney & Trecker Corporation. (See Parsons, Fred A., assignor.)
- Kearney & Trecker Corporation. (See Pohl, Walter M., assignor.)
- Kearns, Bernard A., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,010,366; Aug. 6.
- Kesbey & Mattison Company. (See Buczkowski, Edward J., assignor.)
- Kesbey & Mattison Company. (See Buczkowski, Edward J. A., assignor.)
- Keator, Edward O., Dayton, Ohio. Lifting device for use with hoisting jacks, and using it. 2,008,868; July 23.
- Keibort, George, Erie, Pa. Lock. 1,994,104; Mar. 12.
- Kechel, Henry W., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Making pipe joints. 1,987,341; Jan. 8.
- Keck, Paul H., Chicago, Ill., assignor to Richard Wassermann, and L. Monninger. Automatic racking machine. 2,025,516; Dec. 24.
- Keech, Dana E., Glendale, assignor to Paxton Credit Corporation, Santa Ana, Calif. Drier. 1,991,324; Feb. 12.
- Keefe, Edmund T., Newton, and H. E. McGregor, Fitchburg, assignors to Underground Steam Construction Company, Boston, Mass. Underground conduit. 2,013,888; Sept. 10.
- Keefe, Lincoln M., Springfield, Mass. Key punch. 1,994,315; Mar. 12.
- Keefe, Lincoln M., Springfield, Mass. Jack. 2,022,669; Dec. 3.
- Keefe, Robert B. (See Woodward, C. B., Keefe, and Colt.)
- Keeler Brass Company. (See Birdsall, Albert L., assignor.)
- Keeler Brass Company. (See Haan, Gilbert J., Jr., assignor.)
- Keeler Brass Company. (See Keeler, Isaac S., assignor.)
- Keeler, Burrell A. (See Benzee, Karl A., assignor.)
- Keeler, Isaac S., assignor to Keeler Brass Company, Grand Rapids, Mich. Handle. 1,989,420; Jan. 29.
- Keeley, Frederick J. (See Garrard, C. C., and Keeley.)
- Keeling, William O., Independence, Mo. Apparatus for the pyrolytic processing of hydrocarbons. 1,990,697; Feb. 12.
- Keeling, William O., Independence, Mo. Pyrolytic treatment of hydrocarbons and carboniferous material. 1,991,750; Feb. 19.
- Keely, Edwin E., Los Angeles, Calif. Locket. 1,995,428; Mar. 26.
- Keen, Alexis W., Passaic, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Liquid switch. 2,010,398; Aug. 6.
- Keen, Charles R., and C. E. Moore, San Diego, Calif. Carbon removing composition. 2,004,628; June 11.
- Keen, Harold H., Letchworth, England, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record card controlled machine. 1,989,867; Feb. 5.
- Keen, John S., Philadelphia, Pa., A. Wallace, Moorestown, N. J., and E. O. Elliott, Jenkintown, Pa. Drawbar. 1,989,639; Jan. 29.
- Keen, John S., Philadelphia, Pa. Reversing mechanism for poppet valve gear cam boxes. 2,018,790; Oct. 29.
- Keen, John S., and T. F. Sinnott, Philadelphia, Pa. Making valve mechanism. 1,998,241; Apr. 16.
- Keen, William H., Albany, N. Y. Chromium plated article and making the same. 2,008,282; July 16.
- Keenan, Edward T., assignor of one-half to Florida Fruit Canners Inc., Frostproof, Fla. Fertilizer. 2,002,400; May 21.
- Keenan, Joseph H. (See Backer, L. H., Keenan, and Kopf.)
- Keenan, Walter F., Jr., Pelham Manor, assignor to Foster Wheeler Corporation, New York, N. Y. Steam generator. 2,013,829; Sept. 10.
- Keene, Walter C., assignor to The Duplex Envelope Company, Inc., Richmond, Va. Offering envelope. 1,987,778; Jan. 15.
- Keener, Frank. (See Haynes, R. E., Keener and Hill.)
- Keeney, Bert L., Princeton, Ky. Denture articulator. 1,989,367; Jan. 29.
- Keeran, Charles R., Evanston, Ill., assignor to Dupont Viscoloid Company, Wilmington, Del. Celluloid article and making same. 1,985,997; Jan. 1.
- Keeran, Charles R., Evanston, assignor to The Wahl Company, Chicago, Ill. Fountain pen. 1,989,990; Feb. 5.
- Keese, Beverly W., Oshkosh, Wis., assignor to Timken-Detroit Axle Company, Detroit, Mich. Steering wheel drive for vehicles. 1,995,987; Mar. 26.
- Keet, G. C. E., Johannesburg, Transvaal Province, Union of South Africa. Reducing and grading ores. 2,017,598; Oct. 15.
- Keeter, William E. (See Blackwell, W. V., and Keeter.)
- Keeth, James, Spokane, Wash., assignor to Universal Insulation Company, Chicago, Ill. Manufacture of vermiculite bonded material. 2,017,904; Oct. 22.
- Kegel, Ludwig, Neustadt (Schwarzwald), Germany. Vending machine. 2,020,893; Nov. 12.
- Kegresse, Adolphe, Courbevois, France. Driving pulley having teeth of variable pitch. 1,986,270; Jan. 1.
- Kegresse, Adolphe, Courbevois, France. Endless track. 2,022,567; Nov. 26.
- Kehl, Robert J. (See Halbing, J. M., and Kehl.)
- Kehm, Arthur L., Harrisburg, S. Dak., assignor to Meinzer & Kehm Company, Building panel. 2,000,847; May 7.
- Kehm, Horace S., Chicago, Ill. Heating system. 2,020,064; Nov. 5.
- Kehoe, Michael J., Springfield, Ohio. Dishwashing machine. 2,001,328; May 14.
- Kehrie, Adam C., Buckfastleigh, England. Bee feeder. 2,001,463; May 14.
- Keidel, Frank, Elmhurst, assignor to The International Seal and Knot Protector Co., New York, N. Y. Seal. 2,006,051; June 25.
- Keidel, Marguerite. (See Landé, Lillie, assignor.)
- Keiding, Andrew. (See Huff, E., and Keiding.)
- Keiding, Andrew, Whitefish Bay, assignor to American Lace Paper Company, Milwaukee, Wis. Receptacle of molded pulp. 1,986,824; Jan. 8.
- Keighley, Lloyd M., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,022,469; Nov. 26.
- Keil, Francis, & Son, Inc. (See Brantingson, Sigurd, assignor.)
- Keil, Francis & Son, Inc. (See Hansen, Herman, assignor.)
- Keil, Francis, & Son, Inc. (See Keil, Henry F., assignor.)
- Keil, Gustav B., St. Joseph, Mich., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Timing device for washing machines. 2,000,448; May 7.
- Keil, Henry F., Scarsdale, N. Y., assignor to Francis Keil & Son, Inc. Window lock and making the same. 1,994,428; Mar. 12.
- Keil, Henry F., Scarsdale, N. Y., assignor to Francis Keil & Son, Inc. Escutcheon plate and handle assembly. 2,001,666; May 14.
- Keil, Henry F., Scarsdale, N. Y., assignor to Francis Keil & Son, Inc. Lock construction. 2,007,142; July 2.
- Keil, Henry F., Scarsdale, N. Y., assignor to Francis Keil & Son, Inc. Lock construction. 2,007,143; July 2.
- Keil, Henry F., Scarsdale, N. Y., assignor to Francis Keil & Son, Inc. Lock construction. 2,014,233; Sept. 10.
- Keilhamer, Mary E. (See Keilhamer, Michael H., and M. E.)
- Keilhamer, Michael H., and M. E. Keilhamer, Anacortes, Wash. Shoulder strap dress hook. 1,998,160; Apr. 16.
- Keim, William, assignor to Weaver Manufacturing Company, Springfield, Ill. Shlm. 1,997,384; Apr. 9.
- Keinath, Georg, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Device for determining the temperature of electrically conductive bodies. 2,020,067; Nov. 5.
- Keiner, Henry A., assignor to Keiner Williams Stamping Co., Richmond Hill, N. Y. Crate. 2,008,914; July 23.
- Keiner, Philip. (See Denner, A., and Keiner.)
- Keiner Williams Stamping Co. (See Keiner, Henry A., assignor.)
- Keinert, Elwyn E., J. W. Kopke, and S. E. Faucett, Brooklyn, N. Y. Title attachment for cameras. 1,995,252; Mar. 19.
- Keinzele Uhrenfabriken A. G. (See Heckert, Fritz, assignor.)
- Keiper, Phillip C., Chicago, Ill., assignor to Westinghouse Elevator Company. Elevator control system. 2,000,703; May 7.
- Keirle, Raymond A., et al. (See Nickel, Frederick E., assignor.)
- Keiser, Bernhard. (See De Groote, M., and Keiser.)
- Keiser, Bernhard. (See De Groote, M., Keiser, and Wirtel.)

- Keiser, David L. (See Nehls, H., and Keiser.)
- Keiser, Morris, assignor to Hixon-Keiser Patents Corporation, New York, N. Y. Automatic telephone message receiver and recorder. 2,005,788; June 25.
- Keith, David F., Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Refrigerating method and apparatus. 1,991,944; Feb. 19.
- Keith, Irving L. (See Sawyer, Albert F., assignor.)
- Keith, Irving L., Haverhill, Mass. Cementing machine. 2,022,670; Dec. 3.
- Keith, Martha P., Brookline, Mass. Closure. 1,986,271; Jan. 1.
- Keith, Nobe J., Brenham, Tex. Hand buckle machine. 2,025,168; Dec. 24.
- Keith, Percival C., Jr., Peapack, assignor to Gasoline Products Company, Inc., Newark, N. J. Protecting selected parts of heating units. 2,025,667; Dec. 24.
- Keith, Rafael W., Caroline, N. Y. Fuel calorimeter. process. 2,026,179; Dec. 31.
- Keith, Rafael W., Caroline, N. Y. Fuel calorimeter. 2,026,180; Dec. 31.
- Keith, William J., Brookline, assignor to Kep-Ark Inc., Boston, Mass. Closure. 2,009,666; July 30.
- Keith, William M., Youngstown, Ohio. Spoke tightening and upsetting device. 1,998,509; Apr. 23.
- Kekoa, Albert K., Honolulu, Hawaii. Statement lifter for ledger trays. 2,014,047; Sept. 10.
- Keico Company. (See Wig, Rudolph J., assignor.)
- Kell, Ray D., Scotia, N. Y., assignor to General Electric Company. Transmission and reception of pictures. 1,992,009; Feb. 19.
- Kellar, Peter H., San Francisco, Calif. Attachable heel. 2,009,585; July 30.
- Kellefer Manufacturing Corporation. (See Vaughn, J. A., Mitchell, and Sjogren, assignors.)
- Kelleher, Thomas J., Chicago, Ill. Lifting jack. 2,013,918; Sept. 10.
- Kellems, Edgar E., assignor to Kellems Products, Inc., New York, N. Y. Cable grip. 2,017,625; Oct. 15.
- Kellems Products, Inc. (See Kellems, Edgar E., assignor.)
- Keller, Albert T., Bethlehem, C. Schenck, Coopersburg, and L. Fine, Bethlehem, Pa., assignors to Bethlehem Steel Company. Expanded structural member. 2,010,670; Aug. 6.
- Keller, Algot B., Menomonee, Wis. Apparatus for rebor-ing engine bearings. 2,015,940; Oct. 1.
- Keller, Andreas R., Lombard, Ill. Elevating equipment for wort strainers. 1,999,009; Apr. 23.
- Keller, Andreas R., Lombard, Ill. Examination and control device for wort handling equipment. 2,003,892; June 4.
- Keller, Andrew, Jamaica South, N. Y., assignor to Cooper Tea Packet Company, Brooklyn, N. Y. Fastener and combination thereof with strings and tags of tea-bags or the like. 2,014,254; Sept. 10.
- Keller, Arthur C., Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound recording and reproducing system. 2,014,528; Sept. 17.
- Keller, Arthur C., Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Recorder stylus. 2,018,496; Oct. 22.
- Keller, Arthur C., Mount Vernon, and I. S. Rafuse, Hempstead, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound recorder and reproducer. 1,990,548; Feb. 12.
- Keller, Charles G., Hyde Park, N. Y. Vehicle wheel. 2,010,238; Aug. 6.
- Keller, Charles G., Hyde Park, N. Y. Brake adjusting mechanism. 2,012,011; Aug. 20.
- Keller, Clarence J. (See Wiley, R. H., Huston, and Keller.)
- Keller, Cornelius H., San Francisco, Calif., assignor to Minerals Separation North American Corporation, New York, N. Y. Concentration of ores by flotation. 2,006,049; June 25.
- Keller, Cornelius H., San Francisco, Calif., assignor to Minerals Separation North American Corporation, New York, N. Y. Ore concentration. 2,011,176; Aug. 13.
- Keller, Cornelius H., San Francisco, Calif., assignor to Minerals Separation North American Corporation, New York, N. Y. Ore concentration. 2,011,177; Aug. 13.
- Keller-Dorian Colorfilm Corporation. (See Colgate, Samuel B., assignor.)
- Keller-Dorian Colorfilm Corporation. (See Kitroser, Isaac, assignor.)
- Keller, Fred A. (See Rohmbach, Gordon F., assignor.)
- Keller, Fred, Jr., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Heat treatment of easily oxidizable metals. 1,996,379; Apr. 2.
- Keller, Fred, and R. S. Merritt, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 2,003,297; June 4.
- Keller, Fred, and G. F. Sager, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Duplex metal article. 2,017,757; Oct. 15.
- Keller, George J., Detroit, Mich. True bite attachment. 2,001,963; May 21.
- Keller, George J., Detroit, Mich. Articulator. 2,017,502; Oct. 15.
- Keller, George J., Detroit, Mich. True-bite attachment. 2,010,087; Aug. 6.
- Keller, George V., Jr., Lynn, Mass., assignor to General Electric Company. Vertical shaft bearing. 2,006,951; July 2.
- Keller, Henry V., Minneapolis, Minn. Ironing table. 2,005,976; June 25.
- Keller, John M., Cleveland, Ohio. Skate. 2,000,396; May 7.
- Keller, Karl, Frankfort-on-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Producing nitrogeous products of the aliphatic series. 1,992,489; Feb. 26.
- Keller, Karl, Frankfort-on-the-Main, Fechenheim, H. Hopff, Ludwigshafen-on-the-Rhine, E. Gofferjé, Frankfort-on-the-Main, and J. Nuesslein, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Inorganic acid esters of the condensation products of a glycol and chlorinated paraffin hydrocarbons. 1,998,583; Apr. 23.
- Keller, Ralph, and R. Carney, assignors to Henry Klein & Co. Inc., New York, N. Y. Office partition. 1,999,763; Apr. 30.
- Keller, Rex E., Beverly Hills, Calif. Automatic transmission. 2,003,634; June 4.
- Keller, Robert. (See Güttinger, H., Keller, and Martenet.)
- Keller, Theodore P., Elizabeth, N. J., assignor to Doherty Research Company, New York, N. Y. Carbon black production. 1,999,541; Apr. 30.
- Keller, Walter E., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Lock construction. 2,003,083; May 28.
- Keller, Walter E., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Sash construction. 2,004,727; June 11.
- Keller, William, New York, N. Y. Vehicle jack. 2,008,553; July 16.
- Keller, William H., Inc. (See Shaff, Ernest H., assignor.)
- Keller, William H., Inc. (See Watson, B. B., and Keller.)
- Kellerman, Marvin. (See Price, D. W., and Kellermann.)
- Kellermeyer, Fred J., assignor to Gross Photo Supply Company, Tedeo, Ohio. Photo mount. 1,987,111; Jan. 8.
- Kellerth, Carl W., Rockford, Ill. Garment banger. 2,004,284; June 11.
- Kellett, Autogiro Corporation. (See Satterlee, Henry Y., assignor.)
- Kellett, Benjamin W., New Orleans, La. Coal bagging machine. 2,000,848; May 7.
- Kellett, William P., New York, N. Y. Transport equipment. 1,993,481; Mar. 5.
- Kellett, William P., New York, N. Y. Brake mechanism for shock absorbing cars. 2,000,772; July 2.
- Kellett, William R., Menasha, assignor to Paper Patents Company, Neenah, Wis. Paper wadding. 1,992,215; Feb. 26.
- Kellett, William R., Menasha, and C. M. Pearson, Neenah, assignors to Paper Patents Company, Neenah, Wis. Paper reeling apparatus. 2,020,118; Nov. 5.
- Kelley, Albert, Miami Beach, Fla. Egg beater. 2,007,249; July 9.
- Kelley, Blaine, Charlotte, N. C. Pressure filter. 2,000,137; May 7.
- Kelley, Edward F., Jr., Bar Harbor, Maine. Liquid heating and vaporizing system. 2,007,864; July 9.
- Kelley, Edward M., et al. (See Walker, Henry, assignor.)
- Kelley, Edward M., assignor of one-third to S. C. Dillon and one-third to H. Walker, Wilmington, Del. Pin game. 1,987,480; Jan. 8.
- Kelley, Edward M., assignor of one-third to S. C. Dillon and one-third to H. Walker, Wilmington, Del. Audible signal producer. 2,011,287; Aug. 13.
- Kelley, Frank J. (See Greenbaum, A., and Kelley.)
- Kelley, Frederick H., assignor to G. W. Griffin Co., Franklin, N. H. Saw frame. 1,988,949; Jan. 22.
- Kelley, Frederick H., assignor to G. W. Griffin Co., Franklin, N. H. Coping saw. 1,993,608; Mar. 5.
- Kelley, Frederick H., assignor to G. W. Griffin Co., Franklin, N. H. Hack saw frame. 1,995,679; Mar. 26.
- Kelley, Frederick H., assignor to G. W. Griffin Co., Franklin, N. H. Portable table for jig saws. 2,015,275; Sept. 24.
- Kelley, Helene T. (See Kelley, Raymond E., assignor.)
- Kelley, Herbert W., Winchester, assignor to Union Paste Company, Medford, Mass. Glue and making the same. 2,017,029; Oct. 8.
- Kelley, Isaac D., Jr. (See Lambert, M. L. J., and Latham, assignors.)
- Kelley, Isaac D., Jr., and M. L. J. Lambert, St. Louis, and C. Latham, St. Louis County, Mo. Compressed air gun. 2,021,603; Nov. 19.
- Kelley, J. F. (See Falls, Robert L., assignor.)
- Kelley, James J., Medford, Mass. Apparatus for controlling oil burners. 1,997,797; Apr. 16.
- Kelley, John E., Larchmont, N. Y. Drier. 2,004,488; June 11.
- Kelley, Kirkland, Houston, Tex., and S. J. Perkins, Sulphur, La. Well apparatus. 1,993,515; Mar. 5.
- Kelley-Koett Manufacturing Company. (See Tietig, Chester, assignor.)
- Kelley, Leonard O. (See Jaenichen, L., and Kelley.)
- Kelley, Leonard O., assignor to The Standard Computing Scale Company, Detroit, Mich. Coin operated weighing scale. 2,001,388; May 14.
- Kelley, Philip H., Greenfield, Mass. Connecting or splicing device for wires. 2,016,441; Oct. 8.
- Kelley, Raymond E., assignor to H. T. Kelley, Snyder, N. Y. Finish surface and applying same. 1,988,450; Jan. 22.

- Kelley, Raymond E., assignor to H. T. Kelley, Snyder, N. Y. Pressure gun for the application of heavy asphalt fibered mastic. 1,989,696; Feb. 5.
- Kelley Reamer Company, The. (See Berg, Herman, assignor.)
- Kelley, William V. D., assignor to Color-Photo, Inc., Los Angeles, Calif. Intermittent mechanism. 2,009,847; July 30.
- Kelliher, Seyov F., New Canaan, Conn. Screen for projecting machines. 1,993,672; Mar. 5.
- Kelling, Alfred H., Chicago, Ill., assignor to International Patents Development Company, Wilmington, Del. Lubricant. 2,003,368; June 4.
- Kellner, Louis, Brooklyn, N. Y. Garbage pail. 2,007,250; July 9.
- Kellogg Company. (See Adams, R. T., Poole, and Raymer, assignors.)
- Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Recording and reproduction of impulses. 1,998,931; Apr. 23.
- Kellogg, Edward W., Moorestown, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Film guiding device. 2,012,130; Aug. 20.
- Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America, New York, N. Y. Sound reproducing system. 2,017,153; Oct. 15.
- Kellogg, George D., Pelham Manor, assignor to Johns-Manville Corporation, New York, N. Y. Sound deadening structure. 2,001,733; May 21.
- Kellogg, George D., Pelham Manor, assignor to Johns-Manville Corporation, New York, N. Y. Building structure. 2,015,114; Sept. 24.
- Kellogg, Helen L. (See Kellogg, John L., assignor.)
- Kellogg, Homer G., assignor to Motor Products Corporation, Detroit, Mich. Grille for radiators. 1,991,506; Feb. 19.
- Kellogg, John L., Chicago, Ill., assignor, by mesne assignments, to Associated Patents, Inc., Kalamazoo, Mich. Preparing cereal foods. 1,989,480; Jan. 29.
- Kellogg, John L., Chicago, Ill., assignor, by mesne assignments, to Associated Patents, Inc., Kalamazoo, Mich. Cereal food. 1,990,382; Feb. 5.
- Kellogg, John L., assignor to H. L. Kellogg, Chicago, Ill. Beverage vending device. 2,013,633; Sept. 3.
- Kellogg, M. W., Company. (See Blumberg, Harry S., assignor.)
- Kellogg, M. W., Co. (See Hopkins, Robert K., assignor.)
- Kellogg, M. W., Co. (See Kidd, Alexander, assignor.)
- Kellogg Switchboard and Supply Company. (See Armstrong, Herbert M., assignor.)
- Kellogg Switchboard and Supply Company. (See Eaton, George R., assignor.)
- Kellogg Switchboard and Supply Company. (See Hammer, Sigwald M., assignor.)
- Kellogg Switchboard and Supply Company. (See Koch, Earl L., assignor.)
- Kellogg Switchboard and Supply Company. (See Phillips, James H., assignor.)
- Kellogg Switchboard and Supply Company. (See Stanley, Harvey H., assignor.)
- Kellogg Switchboard and Supply Company. (See Yanochowski, George A., assignor.)
- Kellogg, William D., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Unting threads. 1,986,974; Jan. 8.
- Kellogg, William D., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Method and apparatus for producing pile fabrics. 1,990,907; Feb. 12.
- Kellogg, William D., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Loom and method of weaving. 1,998,932; Apr. 23.
- Kellogg, William V. D., assignor to Color-Photo, Inc., Los Angeles, Calif. Film pack construction. 1,998,584; Apr. 23.
- Kelloway, Charles J., Wilmington, N. C. Railway traffic controlling apparatus. 2,022,720; Dec. 3.
- Kells, Benjamin F., Cincinnati, Ohio, assignor to Container Corporation of America, Chicago, Ill. Reinforced container. 1,990,788; Feb. 12.
- Kells, Benjamin F., Cincinnati, Ohio, assignor to Container Corporation of America, Chicago, Ill. Container. 1,993,516; Mar. 5.
- Kells, Benjamin F., Cincinnati, Ohio, assignor to Container Corporation of America, Chicago, Ill. Basket. 1,999,461; Apr. 30.
- Kellum, Orlando E., Moreno, assignor, by mesne assignments, to Syncro Sound, Inc., Los Angeles, Calif. Synchronized talking picture system. 1,997,300; Apr. 9.
- Kelly, Charles L., Chicago, Ill. Package. 2,021,860; Nov. 19.
- Kelly, Charles L., Chicago, Ill. Carbon holder. 2,024,770; Dec. 17.
- Kelly, Charles P., Newark, N. J. Air conditioner. 2,001,309; May 14.
- Kelly, Clyde W. (See Rumney, M. P., and Kelly.)
- Kelly, Clyde W., assignor to Detroit Steel Products Company, Detroit, Mich. Window construction. 1,987,236; Jan. 8.
- Kelly, Edward A., Indianapolis, Ind. Multiple monthly payment coupon book. 2,013,612; Sept. 3.
- Kelly, Edward A., assignor to Allison Coupon Company, Indianapolis, Ind. Coupon book. 2,010,724; Aug. 6.
- Kelly, Edward J., Woodlyn, assignor to Textile Machinery Corporation, Chester, Pa. Cone adapter. 2,025,949; Dec. 31.
- Kelly, Eugene J., Kalamazoo, Mich. Printing ink. 2,002,537; May 28.
- Kelly, Frank H., et al. (See Whelan, Howard J., assignor.)
- Kelly, George A., Baltimore, Md. Meat Skinner. 2,023,530; Dec. 10.
- Kelly, Gooding N., Chicago, Ill., and L. Wuenn, Michigan City, Ind., assignors to The Dearborn Company, Chicago, Ill. Table. 1,990,698; Feb. 12.
- Kelly, Harry G., Omaha, Nebr. Rolling door mechanism. 1,990,870; Feb. 12.
- Kelly, Harry J., Nashville, Tenn. Aquarium. 1,991,683; Feb. 19.
- Kelly, James P., and A. Pike, assignors to Kelly Oil Sales Corporation, Arlington, Mass. Oil burner. 2,019,012; Oct. 29.
- Kelly, John D. (See Near, H. B., Pacini, Crosley, Gerth, Breidigam, and Kelly.)
- Kelly, John M., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Excess current indicator. 1,997,463; Apr. 9.
- Kelly, Matthew L., assignor to The Insinger Company, Philadelphia, Pa. Washing machine. 2,025,592; Dec. 24.
- Kelly, Mildred C., Minneapolis, Minn. Holder for dress-makers' chalk. 2,012,048; Aug. 20.
- Kelly Oil Sales Corporation. (See Kelly, J. P., and Pike, assignors.)
- Kelly, Orin, Columbus, Ohio. Furnace. 2,011,344; Aug. 13.
- Kelly, Patrick, New York, N. Y. Filling nipple and stopper therefor. 2,007,803; July 9.
- Kelly-Springfield Tire Company, The. (See Hajdu, Andrew, assignor.)
- Kelly-Springfield Tire Company. (See Smith, H. W., and McCarty, assignors.)
- Kelly, Vaughn. (See Bogin, C., and Kelly.)
- Kelly, William, Grand Island, Nebr. Well construction. 2,011,448; Aug. 13.
- Kelly, William J., Elkins, W. Va. Carbon structure control in iron. 1,986,401; Jan. 1.
- Kelly, William M., Westfield, assignor to American Type Founders Company, Elizabeth, N. J. Auxiliary rotary printing attachment for printing presses. 2,000,486; May 7.
- Kelly, William W., Cleveland, Ohio. Dispensing device. 2,005,501; June 18.
- Kelpe, Walter F., St. Louis County, assignor to Wagner Electric Corporation, St. Louis, Mo. Seal for dynamo electric machines. 2,003,000; May 28.
- Kelp-Ol Laboratories, Inc. (See Miller, Grover C., assignor.)
- Kelsall, Bernard. (See Kinsella, E., Pratt, and Kelsall.)
- Kelsall, George A., Belleville, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic material. 2,002,696; May 28.
- Kelsay, Le Roy W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable terminal. 2,003,447; June 4.
- Kelsey-Hayes Wheel Company. (See Ash, Charles S., assignor.)
- Kelsey-Hayes Wheel Company. (See Baisch, C. F., and White, assignors.)
- Kelsey-Hayes Wheel Company, The. (See Batie, Joseph E., assignor.)
- Kelsey-Hayes Wheel Company, The. (See Le Jeune, Frank H., assignor.)
- Kelsey-Hayes Wheel Company. (See MacLennan, John, assignor.)
- Kelsey-Hayes Wheel Company, The. (See Main, Frank L., assignor.)
- Kelsey-Hayes Wheel Company, The. (See Sinclair, Charles W., assignor.)
- Kelsey-Hayes Wheel Company, The. (See White, John W., assignor.)
- Kelsey-Hayes Wheel Corporation. (See Batie, Joseph E., assignor.)
- Kelsey-Hayes Wheel Corporation. (See Booth, William N., assignor.)
- Kelsey-Hayes Wheel Corporation. (See Dixon, Howard F., assignor.)
- Kelsey-Hayes Wheel Corporation. (See Rosa, L. J., and Ash, assignors.)
- Kelsey, William A., Minneapolis, Minn. Mandrel. 1,987,830; Jan. 15.
- Kelsey, William H. (See Urytzky, Seman, assignor.)
- Kelso, Charles M. (See Pearse, T. C., and Bonser, assignors.)
- Kelso, Clarence A., Los Angeles, Calif. Automatic grabbing and carrying device. 1,993,346; Mar. 5.
- Kelso, Howard F., Houston, Tex., assignor to The Beaton & Cadwell Manufacturing Company, New Britain, Conn. Flush valve. 1,991,100; Feb. 12.
- Kelso, William, assignor to McConway & Torley Corporation, Pittsburgh, Pa. Uncoupling mechanism. 2,009,930; July 30.
- Keltie, George R., assignor to American Wringer Company, Inc., Woonsocket, R. I. Manufacturing suction rolls and assembly for use therein. 2,009,848; July 30.
- Kelvinator Corporation. (See Doeg, Ralph W., assignor.)
- Kelvinator Corporation. (See Erbach, Frederick R., assignor.)

- Kelvinator Corporation. (See Evans, Gordon M., assignor.)
Kelvinator Corporation. (See Gouloze, Martin J., assignor.)
Kelvinator Corporation. (See Greenwald, Harold A., assignor.)
Kelvinator Corporation. (See Heitman, Edward, assignor.)
Kelvinator Corporation. (See Jorgensen, Julius J., assignor.)
Kelvinator Corporation. (See Latimer, William G., assignor.)
Kelvinator Corporation. (See Mason, George W., assignor.)
Kelvinator Corporation. (See McGehee, Herbert H., assignor.)
Kelvinator Corporation. (See Ohmart, Grayston R., assignor.)
Kelvinator Corporation. (See Philipp, Lawrence A., assignor.)
Kelvinator Corporation. (See Thomas, Charles C., assignor.)
Kemet Laboratories Company. (See McQuade, John D., assignor.)
Kemmer, Frank R., Larchmont, N. Y., assignor to Magnesium Products, Inc., Wilmington, Del. Treating furnace charge. 2,011,288; Aug. 13.
Kemmer, Frank R., Larchmont, N. Y., assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Condensing magnesium vapor. 2,018,265; Oct. 22.
Kemmer, Frank R., Larchmont, N. Y., assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Apparatus for condensing magnesium vapor. 2,018,266; Oct. 22.
Kemmmer, Ralph R., Swissvale, and R. M. Gilson, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,021,654; Nov. 19.
Kemp, Archie R., et al. (See Gray, A. N., and Kemp.)
Kemp, Archie R. (See Williams, R. R. and Kemp.)
Kemp, C. M., Manufacturing Company. (See Hall, Percival, assignor.)
Kemp, C. M., Manufacturing Company, The. (See Kemp, William W., assignor.)
Kemp, Charles. (See Kemp, Irving and Charles.)
Kemp, Charles, assignor to Kemp Lock, Inc., New York, N. Y. Lock. 2,019,263; Oct. 29.
Kemp, Charles and I., New York, N. Y. Lock. 2,002,014; May 21.
Kemp, Charles C., Augusta, Ga. Rotary valve mechanism. 1,997,491; Apr. 9.
Kemp, Charles G. (See Richmond, H. W., and Kemp.)
Kemp, Edward F., Somerville, Mass. Electric oven. 2,023,595; Dec. 10.
Kemp, Ervin F. (See Jensen, Karl E., assignor.)
Kemp, George H., St. Mellons, assignor of one-half to J. R. C. Forrester, Cardiff, Wales. Rotary valve. 2,007,125; July 2.
Kemp, Irving. (See Kemp, Charles and I.)
Kemp, Irving and C., assignors to Kemp Lock, Inc., New York, N. Y. Lock. 1,988,080; Jan. 15.
Kemp, Joseph, Brussels, Belgium. Treating zinciferous solutions. 2,017,540; Oct. 15.
Kemp Lock, Inc. (See Hevel, Frederick W., assignor.)
Kemp Lock, Inc. (See Kemp, Charles, assignor.)
Kemp Lock, Inc. (See Kemp, Irving and C., assignors.)
Kemp, Paul, Perchtoldsdorf, and E. Feuer, Liesing, Austria. Process and apparatus for producing finely divided lead and lead compounds. 2,019,536; Nov. 5.
Kemp, Vivian E., London, England, assignor to Kempat Limited. Bust support. 2,022,317; Nov. 26.
Kemp, William C., Cincinnati, assignor to The Paper Service Company, Lockland, Ohio. Producing multilateral stretchability in paper webs or the like. 2,008,181; July 16.
Kemp, William C., Cincinnati, assignor to The Paper Service Company, Lockland, Ohio. Producing multilateral stretchability in paper webs or the like. 2,008,182; July 16.
Kemp, William W., assignor to The C. M. Kemp Manufacturing Company, Baltimore, Md. Melting pot heater. 2,025,687; Dec. 24.
Kempat Limited. (See Kemp, Vivian E., assignor.)
Kemper, Herbert. (See Neff, J. J., Berger, and Kempe.)
Kempe, John G., Onelda, N. Y., and E. E. Lakso, Fitchburg, Mass., assignors to Kleen-Kap Corporation, Onelda, N. Y. Bottle capping machine. 2,023,325; Dec. 3.
Kemper, Calvin A., Chicago, Ill. Beam wrapping. 1,988,081; Jan. 15.
Kemper, Calvin A., Chicago, Ill. Tie rod clamp. 1,990,234; Feb. 5.
Kemper, Charles W., and J. T. Kemper, Hayward, Calif. Game device. 2,010,266; Aug. 6.
Kemper, John T. (See Kemper, Charles W., and J. T.)
Kempff, Frank J., Chicago, Ill. Necktie holder. 2,016,010; Oct. 1.
Kempff, Hubert. (See Hartmann, A., Hoeffinghoff, Luchtenberg, and Kempff.)
Kempff, Louis W. (See Jeffries, Z., and Kempff.)
Kempff, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloy. 1,986,825; Jan. 8.
Kempthorne, James L., Montclair, N. J. Mechanism for use in pumps, compressors, and engines. 1,992,374; Feb. 26.
Kempthorne, James L., Montclair, N. J. Pump, compressor, and the like. 2,016,605; Oct. 8.
Ken-Crip Corporation. (See Kennedy, Guy L., assignor.)
Kendall, Charles O. (See Venning, F. J., and Kendall.)
Kendall Company, The. (See Eustis, Warner, assignor.)
Kendall Company, The. (See Hanover, Bert H., assignor.)
Kendall Company, The. (See Meagher, Glenn E., assignor.)
Kendall, David, Alliance, Ohio, E. Q. Kendall, executrix of said D. Kendall, deceased, assignor to Elizabeth Q. Kendall. Ingot stripper. 2,007,275; July 9.
Kendall, Elizabeth Q., executrix. (See Kendall, David, assignor.)
Kendall, James P. (See Heising, Raymond A., assignor.)
Kendall, Myron A., Aurora, Ill., assignor to Stephens-Adamson Mfg. Co. Storage system. 1,989,281; Jan. 29.
Kendall, Russell. (See Mitchell, Edward R., assignor.)
Kendall, William G., Newark, N. J., assignor to Perfumerie Rigaud, Inc., New York, N. Y. Lip stick holder. 1,994,074; Mar. 12.
Kendig, Benton B., Staten Island, N. Y., assignor to Universal Publishing Syndicate, Philadelphia, Pa. Machine for lettering hat bands and the like. 2,007,110; July 2.
Kendoff, Antal, Budapest, Hungary. Sorting machine. 1,987,509; Jan. 8.
Kendrek, Stanley, Lawrence, Mass. Cutting machine. 2,010,765; Aug. 6.
Kenerson, Stanley M. (See Welsel, Lyle, assignor.)
Kenety, William H., Cloquet, Minn., assignor to Cellovis, Inc., Chicago, Ill. Drying and converting cellulose into derivatives thereof. 2,008,021; July 16.
Kenitzer, Albert. (See Rall, E. F., and Kenitzer.)
Kenler, Herman I., New York, N. Y. Hand bag. 2,002,949; May 28.
Kenna, Richard, and M. G. Hallgren, Oakland, Calif. Gas disposal apparatus. 2,016,549; Oct. 8.
Kennard, Doris B., Tampa, Fla. Diaper. 1,992,074; Feb. 19.
Kennard, Doris B., Tampa, Fla. Diaper. 1,992,075; Feb. 19.
Kennard, Doris B., Tallahassee, Fla. Diaper. 2,017,050; Oct. 15.
Kenne, Anthony. (See Kenne, Casper and A.)
Kenne, Casper, and A. Kenne, Des Moines, Iowa. Wall cleaning apparatus. 1,999,462; Apr. 30.
Kennedy, Absalom M., University, Ala., assignor to W. H. Weller, Jr. Refining graphite. 2,012,684; Aug. 27.
Kennedy, Albert H., Rockport, Ind. Water meter connection. 1,993,243; Mar. 5.
Kennedy Car Liner and Bag Co., The. (See Arzet, Paul, assignor.)
Kennedy Car Liner and Bag Co., The. (See Hanson, Harry M., assignor.)
Kennedy Car Liner & Bag Co. (See Smith, James M., assignor.)
Kennedy, Charles E., West Bridgewater, assignor to Jones & Vining, Inc., Brockton, Mass. Cooking, frying, doughnut-making, and dipping machine. 1,993,609; Mar. 5.
Kennedy, Donald S., Longparish, Hampshire, England. Pulley drum for motor vehicles. 2,004,554; June 11.
Kennedy, Doss W., Matthews, Mo. Parachute. 2,013,495; Sept. 3.
Kennedy, Edward L., Bellerose, N. Y. Fire extinguishing device. 1,997,867; Apr. 16.
Kennedy, Emmett F., Garfield Heights, and J. Terr, Cleveland Heights, assignors to The Cleveland Cooperative Stove Company, Cleveland, Ohio. Broiler pan. 1,988,871; Jan. 22.
Kennedy, Evan D. (See Hoover, P. L., and Kennedy.)
Kennedy, Frank W., assignor to De Laval Steam Turbine Company, Trenton, N. J. Fluid proportioning device. 2,009,622; July 30.
Kennedy, Frank W., assignor to De Laval Steam Turbine Company, Trenton, N. J. Power transmission and re-claiming mechanism. 2,016,040; Oct. 1.
Kennedy, George C. (See Hanson, Bennie P., assignor.)
Kennedy, George R., Pittsburgh, Pa. Lubricator. 2,016,373; Oct. 8.
Kennedy, Grafton S., Dayton, Ohio. Worktable. 2,007,975; July 16.
Kennedy, Guy L., assignor to Ken-Crip Corporation, New York, N. Y. Carburetor. 1,999,567; Apr. 30.
Kennedy, Guy L., assignor to Ken-Crip Corporation, New York, N. Y. Valve. 2,002,182; May 21.
Kennedy, Guy L., assignor to Ken-Crip Corporation, New York, N. Y. Carburetor. 2,004,003; June 4.
Kennedy, Guy L., assignor to Ken-Crip Corporation, New York, N. Y. Carburetor. 2,014,000; Sept. 10.
Kennedy, Harry E. (See Christian, H. B., and Kennedy.)
Kennedy, Harry E. (See Walker, B., and Kennedy.)
Kennedy, Harvey T., Wilkinsburg, and H. C. Lawton, Pittsburgh, Pa., assignors to Gulf Research & Development Corporation, Wilmington, Del. Plugging strata in wells. 2,019,908; Nov. 5.
Kennedy-Hearing Company. (See Hearing, Elmer E., assignor.)
Kennedy, Joseph A., Pawtucket, R. I., assignor to Anaconda Wire & Cable Company, New York, N. Y. Flexible shaft. 1,999,051; Apr. 23.
Kennedy, Joseph A., Pawtucket, R. I., assignor to Anaconda Wire & Cable Company, New York, N. Y. Making latex treated tubing. 2,019,709; Nov. 5.
Kennedy, Joseph M., St. Louis, Mo. Bottle and the like. 2,017,209; Oct. 15.
Kennedy, Joseph W., et al., executors. (See Kennedy, Julian.)

- Kennedy, Julian, Jr., et al, executors. (See Kennedy, Julian.)
- Kennedy, Julian, deceased, Pittsburgh, Pa.; J. W. and J. Kennedy, Jr., L. K. Miller, and E. K. Smith, executors. Hydraulic valve. 1,986,206; Jan. 1.
- Kennedy, Oscar D., Norbury and R. H. Mead, Wimbledon Park, England, assignors to Radio Corporation of America. Frame aerial for wireless reception. 2,009,087; July 23.
- Kennedy, Patrick G., London, England. Race game apparatus. 1,999,052; Apr. 23.
- Kennedy, Patrick G., London, England. Race game apparatus. 2,026,181; Dec. 31.
- Kennedy, Robert D., Wichita Falls, Tex. Display rack. 2,008,215; July 16.
- Kennedy, William. (See Blakeman, James, assignor.)
- Kennedy, William B., Pocatello, Idaho. Slicing device. 2,009,931; July 30.
- Kennedy, William C., assignor to N. Porter Saddle & Harness Company, Phoenix, Ariz. Seat cushion. 1,991,751; Feb. 19.
- Kennedy, Woodford A., Charlotte, N. C. Anchoring mechanism. 2,023,732; Dec. 10.
- Kennelly, Jeremiah, Oak Park, Ill. Oscillatory lamp structure. 1,991,101; Feb. 12.
- Kenney, Carl L., Pittsburgh, Pa. Lautering apparatus for brewing. 2,013,444; Sept. 3.
- Kenney, Carl L., Pittsburgh, Pa. Mashing apparatus for brewing. 2,013,445; Sept. 3.
- Kenney, Edward F., Bethlehem, Pa., assignor to Bethlehem Steel Company. Furnace and process of heating. 1,996,295; Apr. 2.
- Kenney, Mahlon W., assignor to Allen-Bradley Company, Milwaukee, Wis. Rheostat. 2,000,177; May 7.
- Kenney, Mahlon W., Berwyn, Ill., assignor to Allen-Bradley Company, Milwaukee, Wis. Rheostat. 2,000,178; May 7.
- Kenney, Mahlon W., Berwyn, assignor, by mesne assignments, to General Household Utilities Company, Chicago, Ill. Vibration eliminating means for refrigerating systems. 2,010,546; Aug. 6.
- Kenney, Mahlon W., Berwyn, assignor, by mesne assignments, to General Household Utilities Company, Chicago, Ill. Separating solution components. 2,021,691; Nov. 19.
- Kenney, Mahlon W., Berwyn, and J. D. Jordan, Elmhurst, Ill., assignors, by mesne assignments, to General Household Utilities Company, Chicago, Ill. Solution component separator. 2,007,276; July 9.
- Kenney, Mahlon W., Berwyn, and J. D. Jordan, Elmhurst, Ill., and T. M. Threlkeld, Phoenix, Ariz., assignors, by mesne assignment, to General Household Utilities Company, Chicago, Ill. Separating solution components in refrigerating systems. 2,010,547; Aug. 6.
- Kenny, Roland J. (See Cottingham, Edward B., assignor.)
- Kent, Arnold F., Leo Moor, Cornwood, England. Wireless aerial. 2,016,011; Oct. 1.
- Kent, Everett E., Newton, assignor to V. & F. W. Filoon Company, Brockton, Mass. Wetling and producing wetting. 2,004,118; June 11.
- Kent, Forrest M., Spokane, Wash. Variable propeller. 2,005,343; June 18.
- Kent, Frank J., et al. (See Leonard, William, assignor.)
- Kent, George, Limited. (See Flory, H. G., and Coley, assignors.)
- Kent, George, Messrs., Limited. (See Howard, Giles P. E., assignor.)
- Kent, Horace L., Brooklyn, N. Y. Safety razor. 2,003,201; May 28.
- Kent, Howard W., Concord, E. H. Gerry, and A. M. Currier, Lynnfield, assignors to Sealbrick, Inc., Lynnfield Center, Mass. Cleaning solution. 1,990,383; Feb. 5.
- Kent, James W., Brooklyn, and E. P. Peters, Richmond Hill, N. Y. Paint can accessory. 2,004,285; June 11.
- Kent, John S., Jr., assignor to M. A. Packard Company, Brockton, Mass. Shoe and making the same. 2,024,167; Dec. 17.
- Kent-Owens Machine Company. (See Happel, Albert, assignor.)
- Kent, Raymond L., and J. N. Morris, Adderley Park, Birmingham, England. Electrically operated pump. 1,987,257; Jan. 8.
- Kent, Robert T., Verona, N. J. Buffing wheel and making the same. 2,024,691; Dec. 17.
- Kent, Thomas E., Columbus, Ohio. Forming fabrics. 1,993,172; Mar. 5.
- Kentfield, Roy H., Gillespie, Ill. Fuel pump shield. 1,990,125; Feb. 5.
- Kenway Corporation. (See McLellan, Kenneth L., assignor.)
- Kenworth Motor Truck Corporation. (See Holmstrom, John G., assignor.)
- Kenworthy, Louis C., Stockton, Calif. Fuel distributing unit for Diesel engines. 2,016,593; Oct. 8.
- Keny, Emma L., administratrix. (See Jaeger, G., and Egert.)
- Kenyon, Bertram C., Mishawaka, Ind., W. W. Boa, Pittsburgh, Pa., and C. H. Green, Paris Township, Kent County, assignors to Grand Rapids Trust Company, Grand Rapids, Mich., receiver for Automatic Musical Instrument Company. Coin controlled mechanism. 1,996,338; Apr. 2.
- Kenyon, William C., Pittsburgh, Pa. Ladder. 1,986,477; Jan. 1.
- Kenyon, William O. (See Yackel, E. C., and Kenyon.)
- Kenyon, William O., and R. H. Van Dyke, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of lactyl cellulose esters. 2,000,596; May 7.
- Kenyon, William O., and R. H. Van Dyke, assignors to Eastman Kodak Company, Rochester, N. Y. Wrapping material. 2,008,984; July 23.
- Keogh, Raymond J., assignor of one-half to W. H. Huth and one-fourth to W. J. Morey, Chicago, Ill. Electric current converter. 2,020,362; Nov. 12.
- Keough, Robert E., La Grange, assignor of one-half to C. W. Breed, Western Springs, Ill. Railroad track spike. 2,009,849; July 30.
- Keo-Ark Inc. (See Keith, William J., assignor.)
- Kepper, Raymon J., Lakewood, and R. Pranstel, Cleveland Heights, assignors to The Grasselli Chemical Company, Cleveland, Ohio. Recovery of lithium values from lithium bearing ores. 2,022,003; Nov. 26.
- Keplar, James M., Elkhart, Ind. Filing system. 2,003,202; May 28.
- Kepper, Robert C., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Railway car construction. 2,014,738; Sept. 17.
- Keppeler, Franz, Berlin-Weissensee, Germany. Working up vulcanized rubber waste. 1,988,902; Jan. 22.
- Keppeler, Albert E., assignor to Brown & Bailey Company, Philadelphia, Pa. Display box. 1,996,965; Apr. 9.
- Keppeler, Helmut. (See Orthner, L., and Keppeler.)
- Kerasin, A. G. (See Ornfeltd, Eduard O., assignor.)
- Kerber, Joseph H., assignor to Hi-Way Service Corporation, Milwaukee, Wis. Rotary scraper. 2,020,555; Nov. 12.
- Kercheval, Fred J., Rowan, Iowa. Pencil sharpener hone. 2,009,735; July 30.
- Kerin, Frank X. (See Roth, W., and Kerin.)
- Kerin, John P., Pepperell, Mass. Cleat for athletic shoes. 2,026,280; Dec. 31.
- Kerk, Paul C., Exton, assignor to J. Bishop & Company, Platinum Works, Malvern, Pa. Hypodermic needle package. 2,004,050; June 4.
- Kerlin, Harry J., Altoona, Pa. Envelope for treating articles. 2,012,393; Aug. 27.
- Kerlow Steel Flooring Co. (See Tarof, Ernest L., assignor.)
- Kermer, Martin J., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Evaporator. 1,992,032; Feb. 19.
- Kermer, Martin J., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Evaporator. 2,015,680; Oct. 1.
- Kermer, Martin J., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Evaporator. 2,025,059; Dec. 24.
- Kern, Bernard, Syracuse, N. Y. Pneumatic cleaner. 2,018,791; Oct. 29.
- Kern, Emil. (See Snyder, H. D., and Kern.)
- Kern, Erwin. (See Brunner, G., and Kern.)
- Kern, Erwin. (See Meyer-Delius, H., and Kern.)
- Kern, Erwin, Ennetbaden, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Motor control system. 1,986,207; Jan. 1.
- Kern, Erwin, Ennetbaden, assignor to Aktiengesellschaft Brown Boveri Cie., Baden, Switzerland. Rectifying system. 1,995,277; Mar. 19.
- Kern, Erwin, Ennetbaden, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Motor control system. 1,999,764; Apr. 30.
- Kern, Erwin, Ennetbaden, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Electric valve control system. 2,015,018; Sept. 17.
- Kern, Erwin, Wettingen, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Transformer construction. 1,989,640; Jan. 29.
- Kern, Erwin, Wettingen, Switzerland, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Electric current converting system. 2,016,012; Oct. 1.
- Kern, Erwin, Ennetbaden, Switzerland, and H. Meyer-Delius, Heidelberg-Schlierbach, Germany, assignors to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric current rectifying system. 1,994,715; Mar. 19.
- Kern, Francis B. (See French, T. E., and Kern.)
- Kern, Fred M., Detroit, Mich., assignor to Micromatic Hone Corporation. Honing tool. 1,990,331; Feb. 5.
- Kern, Fred M., and K. W. Connor, Detroit, Mich., assignors to Micromatic Hone Corporation. Adjustable cylinder hone. 2,023,082; Dec. 3.
- Kern, Herbert A. (See Evans, W., Fink, and Kern.)
- Kern, Jacob S., et al. (See Waters, W. H., and Kern.)
- Kern, Ludwig. (See Goetz, Gottfried, assignor.)
- Kern, Rudolf, Oschatz, assignor to the firm Chemische Fabrik R. Baumheier Aktiengesellschaft, Zschollau, near Oschatz, Germany. Sized paper and manufacturing the same. 1,997,366; Apr. 9.
- Kern, Rudolf, Oschatz, Germany, assignor to the firm Chemische Fabrik R. Baumheier Aktiengesellschaft, Zschollau, near Oschatz, Saxony, Germany. Method of and system for testing the imperviousness to water of impregnated textiles. 2,012,762; Aug. 27.
- Kern, Walter, Sissach near Basel, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Monohydroxychrysene and making the same. 1,996,475; Apr. 2.

Kern, Walter, Sissach, near Basel, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of hydroxyprylene. 2,018,792; Oct. 29.

Kernaghan, William J., New Orleans, La. Metal display rack. 1,991,102; Feb. 12.

Kernin, Alfred G., assignor to Mosinee Paper Mills Company, Mosinee, Wis. Smelting furnace for black liquor. 2,004,205; June 11.

Kernode, William F., Frankfort, and A. C. McDaniel. Indianapolis, Ind., said McDaniel, assignor to said Kernode. Sealed fluid dispenser. 2,007,449; July 9.

Kerns, Adin U., Altoona, Pa., and M. B. Harvey. East Orange, N. J. Machine for cutting rivets. 1,987,957; Jan. 15.

Kerns, Frank W., Berkeley, and W. Egbert, Oakland, Calif. Apparatus for removing solids from fluids. 2,012,567; Aug. 27.

Kerns, George F., Fairmont, W. Va. Fishing tackle. 1,991,253; Feb. 12.

Kerns, Leonard R., Detroit, Mich., assignor, by mesne assignments, to The Farval Corporation, Cleveland, Ohio. Lubricator valve. 2,007,169; July 9.

Kerns, Leonard R., Chicago, Ill., assignor by mesne assignments to The Farval Corporation, Cleveland, Ohio. Lubricating device. 2,014,180; Sept. 10.

Kerone, Edward B. W. (See Olsen, F., Seavey, and Kerone.)

Kerone, Edward B. W. (See Seavey, F. R., and Kerone.) Kerotest Manufacturing Company. (See Mueller, Richard W., assignor.)

Kerr, Alexander, Berlin, Germany. Television apparatus. 2,009,498; July 30.

Kerr, Alice J., Cincinnati, N. Y. Collapsible push cart. 2,018,527; Oct. 22.

Kerr, Benjamin W., assignor to Railway Industrial Engineering Company, Greensburg, Pa. Circuit breaker. 2,011,449; Aug. 13.

Kerr, Cort, Detroit, Mich. Electric lock. 2,011,768; Aug. 20.

Kerr, Ford F., Fresno, Calif. Rack for displaying rugs. 2,000,336; May 7.

Kerr, Harold H. (See O'Connell, J., and Kerr.)

Kerr, Howard J. (See Bailey, E. G., Kerr and Hardgrove.)

Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Furnace with tube supported roof. 1,987,574; Jan. 8.

Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam boiler. 1,992,953; Mar. 5.

Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam boiler. 1,992,954; Mar. 5.

Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam boiler. 1,992,955; Mar. 5.

Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam boiler and furnace. 1,999,568; Apr. 30.

Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Mercury boiler headers with casings. 2,003,786; June 4.

Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Boiler. 2,004,895; June 11.

Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Heat exchanger. 2,013,658; Sept. 10.

Kerr, Howard J., Westfield, N. J., assignor to The Babcock & Wilcox Company, Bayonne, N. J., Fluid heater. 2,013,985; Sept. 10.

Kerr, Howard J., Westfield, J. Prentice, Bayonne, and G. D. Ebbs, Kenilworth, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Mercury boiler drum. 1,994,521; Mar. 19.

Kerr, Howard J., Westfield, N. J., and I. L. Langvand, Barborton, Ohio, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Boiler. 2,001,734; May 21.

Kerr, Howard J., Westfield, N. J., and I. L. Langvand, Barborton, Ohio, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Boiler. 2,001,735; May 21.

Kerr, John M., assignor to Bay City Shovels, Inc., Bay City, Mich. Excavating machine. 2,022,808; Dec. 3.

Kerr, Margaret J. (See Morgan, Francis, assignor.)

Kerr, Mary D., Columbia, S. C. Container. 2,001,464; May 14.

Kerr, S. Logan. (See Hamilton, Benjamin W., assignor.)

Kerr, Samuel L., Philadelphia, Pa. Control system and apparatus for power generating equipment. 1,989,481; Jan. 29.

Kerr, Samuel L., Philadelphia, Pa., assignor, by mesne assignments, to Baldwin-Southwark Corporation. Governor control mechanism. 2,018,793; Oct. 29.

Kerr, Samuel Logan, Philadelphia, Pa. Control system and apparatus for power generating equipment. 2,010,594; Aug. 6.

Kerr, William J., Chicago, Ill. Deflecting headlight rays. 1,987,112; Jan. 8.

Kerr, William J., assignor to The Bristol Company, Waterbury, Conn. Automatic control system. 2,015,855; Oct. 1.

Kerrick, Walter B., assignor, by mesne assignments, to Chemical Processes Company, Los Angeles, Calif. Liquid fuel burner. 1,989,421; Jan. 29.

Kersey, Leon N. (See Gravely, J. S., and Kersey.)

Kershaw, George E., East Orange, N. J., assignor to The Superheater Company, New York, N. Y. Joining pipes. 1,990,077; Feb. 5.

Kershaw, Henry, assignor to Sovereign Machinery Company, Newark, N. J. Producing radio tube grids. 2,004,246; June 11.

Kershaw, John C. (See Toohey, E. A., and Kershaw.)

Kershaw, John K., Birmingham, Ala. Repairing existing wood piling. 2,013,214; Sept. 3.

Kershaw, William H., Forest Hills, assignor to The Texas Company, New York, N. Y. Tar composition. 1,992,752; Feb. 26.

Kersjes, Theodore P. (See Redmond, A. V., and Kersjes.)

Kerst, Edgar B. (See Hurxthal, A. O., and Kerst.)

Kerst, Edgar B., and H. S. Bogaty, assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Oiling device for conveyer chains. 1,990,408; Feb. 5.

Kersting, Bernard H., Ben Avon, Pa., assignor to The Dravo Contracting Company. 1,988,173; Jan. 15.

Kerth, Max. (See Kirst, W., and Kerth.)

Kertzman, Albert J., Winona, Minn. Hydraulic dredge. 2,023,686; Dec. 10.

Kerwin, William J., Jr., Pawtucket, R. I. Latch locking device. 2,013,055; Sept. 3.

Kessenich, G. J. (See Karnes, James C., assignor.)

Kessler, Carl A., St. Paul, Minn. Trolley wheel guard. 2,009,499; July 30.

Kessler, Carl P., New York, N. Y., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Shield. 2,011,718; Aug. 20.

Kessler, Charles A., Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rotary hook and bobbin-case device for sewing machines. 1,995,278; Mar. 19.

Kessler, Charles J. (See Chadwick, L. S., Resek, and Kessler.)

Kessler, Charles J., Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Oil burner. 2,013,274; Sept. 3.

Kessler Chemical Corporation. (See Goldschmidt, S., and Littmann, assignors.)

Kessler, Harry, Brooklyn, N. Y. Vacuum cleaner. 1,989,868; Feb. 5.

Kessler, John J., St. Louis, Mo., assignor to Bessie D. Apple. Making commutators. 1,993,966; Mar. 12.

Kessler, Otto, Bridgeport, Conn. Automatic reversible electric switch. 2,023,139; Dec. 3.

Kessler, Ward F., assignor to Imperial Steel Products Corporation, Chicago, Ill. Window construction. 2,011,152; Aug. 13.

Kestell, Thomas A. (See Gouldbourn, J., and Kestell.)

Kestenman Bros. Mfg. Co. (See Kestenman, Charles H., assignor.)

Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Extendible clasp device for watch bracelets and the like. 1,999,156; Apr. 23.

Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Extendible clasp or connecting device for straps, bands, and bracelets. 2,004,206; June 11.

Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Extendible clasp device for watch-bracelets and the like. 2,006,050; June 25.

Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Connector or fastening device for chain bracelets. 2,018,068; Oct. 22.

Kesty, Carl C., Bloomsburg, Pa., assignor by mesne assignments, to Empire Trust Company, New York, N. Y. Method of and apparatus for making hollow ceramic ware. 2,015,681; Oct. 1.

Ketcham, Frank. (See Goddard, P. B., and Ketcham.)

Ketcham, Frank W., Chicago, Ill. Match book place card. 1,993,845; Mar. 12.

Ketcham, O. W. (See Ackenbrack, James L., assignor.)

Ketcheson, Horace. (See Rees, H. V., and Ketcheson.)

Ketchpel, Paul A. (See Surdykowski, C. J., and Ketchpel.)

Ketchpel, Paul A., West Englewood, N. J., assignor to The Standard Stoker Company, Incorporated. Stoker. 2,013,467; Sept. 3.

Ketchpel, Paul A., Bergenfield, N. J., assignor to The Standard Stoker Company, Incorporated. Stoker. 2,015,526; Sept. 24.

Ketchpel, Paul A., West Englewood, N. J., and C. J. Surdykowski, Tuckahoe, N. Y., said Surdykowski now by judicial change of name Charles J. Surdy, assignors to The Standard Stoker Company, Incorporated. Locomotive. 1,999,813; Apr. 30.

Ketel, Henry, assignor to West Michigan Steel Foundry Co., Muskegon, Mich. Fifth wheel. 1,991,507; Feb. 19.

Ketel, Henry, assignor to Holland Hitch Company, Holland, Mich. Cushion tow hook. 1,991,684; Feb. 19.

Ketel, Henry, Holland, assignor to West Michigan Steel Foundry Co., Muskegon, Mich. Fifth wheel for trailers. 1,996,425; Apr. 2.

Ketel, Henry, Muskegon, Mich., and C. M. Harris and H. VanDerHeuvel, Netherlands, assignors, by mesne assignments, to West Michigan Steel Foundry Co., Muskegon, Mich. Fifth wheel construction. 2,005,722; June 25.

Ketner, William H., Broomfield, Colo. Hack saw frame and guide. 2,004,286; June 11.

Kettendorf, Henry S., Boston, Mass. Jewelry display tray. 1,994,363; Mar. 12.

- Ketterer, Eugen, assignor of one-half to H. Reis, Essen, Germany. Tightening means for the compression and suction chambers of rotary piston engines. 1,996,620; Apr. 2.
- Kettering, Charles F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Two cycle engine. 2,007,608; July 9.
- Ketterlinus Lithographic Manufacturing Co. (See Schwartz, Eugene, assignor.)
- Kettle, Arthur W., and W. Doty, assignors to Two-Way Shock Absorber Company, Jamestown, N. Y. Shock absorber. 1,988,690; Jan. 22.
- Kettner, Karl. (See Plathner, W., and Kettner.)
- Keuffel, Adolf W., Montclair, assignor to Keuffel & Esser Company, Hoboken, N. J. Slide rule case. 2,000,337; May 7.
- Keuffel, Adolf W., Montclair, assignor to Keuffel & Esser Company, Hoboken, N. J. Adjustable scribe. 2,011,195; Aug. 13.
- Keuffel, Carl W., Weehawken, and B. J. Campbell, assignors to Keuffel & Esser Co., Hoboken, N. J. Distance finder. 1,993,009; Mar. 5.
- Keuffel & Esser Company. (See Keuffel, Adolf W., assignor.)
- Keuffel & Esser Co. (See Keuffel, C. W., and Campbell, assignors.)
- Keuls, Henry P. C., New York, N. Y., assignor, by mesne assignments, to Sealed Joint Products Company, Inc. Tile construction. 1,991,558; Feb. 19.
- Keunecke, Emil. (See Müller, C., Schlecht, and Keunecke.)
- Keunecke, Emil. (See Schlecht, L., and Keunecke.)
- Keviczky, Laszlo V., New York, N. Y. Waterproof closing means. 1,991,943; Feb. 19.
- Keyorkian, Zareh H., Fairfield, Ala. Apparatus for production of coke and recovery of by-products therefrom. 1,993,934; Mar. 12.
- Kewish, John T., New York, N. Y. Automatic fireman. 1,993,887; Mar. 12.
- Kewtest Manufacturing Company. (See Forbes, J. S., and Kimm, assignors.)
- Key Boiler Equipment Co. (See Key, Frederick E., assignor.)
- Keybolt Appliance Company. (See Evans, Leigh R., assignor.)
- Key Company. (See Key, Frederick E., assignor.)
- Key, Frank, and E. S. Land, Neosho, Mo. Garment hanger. 2,013,275; Sept. 3.
- Key, Frederick E., assignor to Key Boiler Equipment Co., East St. Louis, Ill. Return bend fittings. 1,987,300; Jan. 8.
- Key, Frederick E., assignor to Key Boiler Equipment Co., East St. Louis, Ill. Sealing closure. 1,992,431; Feb. 26.
- Key, Frederick E., assignor to Key Boiler Equipment Co., East St. Louis, Ill. Return bend housing. 2,010,671; Aug. 6.
- Key, Frederick E., St. Louis, Mo., assignor to Key Company, East St. Louis, Ill. Heat exchanger. 2,011,640; Aug. 20.
- Key, Frederick E., St. Louis, Mo., assignor to Key Boiler Equipment Company, East St. Louis, Ill. Tube connecting device. 2,018,726; Oct. 29.
- Keyes Fibre Company. (See Chaplin, Merle M., assignor.)
- Keyes, Harmon E., Miami, Ariz. Percolation leaching method. 2,009,667; July 30.
- Keyes, John J., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Paper covered conductor. 2,007,277; July 9.
- Keyes, Robert E., Boston, assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Air distribution unit. 2,000,597; May 7.
- Keyes, Walter E., Verdun, Quebec, Canada. Drafting device. 1,993,846; Mar. 12.
- Keyesawetter, Irving A., Berwyn, assignor of one-half to Ernest R. Berg, Cicero, Ill. Roof and side covering for buildings. 2,004,575; June 11.
- Keys, James A. (See Wilmett, R. H., and Keys.)
- Keys, John H., Dayton, Ohio. Lawn sprinkler. 2,011,320; Aug. 13.
- Keys, John H., Dayton, Ohio. Rotary sprinkler for athletic fields. 2,013,849; Sept. 10.
- Keys, Victor O., Lexington, Ky. Door operating mechanism. 1,998,370; Apr. 16.
- Keys, William A., New York, N. Y. Fastening device. 2,020,507; Nov. 12.
- Keyser, Carl. (See Winning, W. F., and Keyser.)
- Keyser, George, Philadelphia, Pa. Machine for uniting knit fabrics. 2,022,377; Nov. 26.
- Keyssner, Ernst. (See Reppe, W., and Keyssner.)
- Keystone Driller Company. (See Downie, Robert R., assignor.)
- Keystone Stamping Corporation. (See Wohlhieter, Joseph W., assignor.)
- Keystone Steel & Wire Company. (See Bailey, C. F., and Distler, assignors.)
- Keystone Steel & Wire Company. (See Dimmick, Bles C., assignor.)
- Keystone Steel & Wire Company. (See Kastien, Emil P., assignor.)
- Keystone Steel & Wire Company. (See Langenberg, Earl W., assignor.)
- Keystone Steel & Wire Company. (See Simmons, Andrew C., assignor.)
- Keystone Steel & Wire Company. (See Sommer, William H., assignor.)
- Keystone Steel & Wire Company. (See Spaninger, W. W., and Kastien, assignors.)
- Keystone Tool Manufacturing Company. (See Vosbikian, Peter S. and T. S., assignors.)
- Keystone View Company. (See Mossman, Donald P., assignor.)
- Key-Tag Checking System Company, The. (See Todd, John H., assignor.)
- Keyzer, John, West Allis, Wis. Post hole stone picker. 2,014,807; Sept. 17.
- Kharasch, Morris S., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making organic mercury compounds. 1,987,685; Jan. 15.
- Kharasch, Morris S., Chicago, Ill., assignor to Eli Lilly and Company, Indianapolis, Ind. Stabilized organo-mercuri-sulphur compounds. 2,012,820; Aug. 27.
- Kibbe, James I., Muskegon, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Internal combustion engine. 2,018,727; Oct. 29.
- Kibler, William J., assignor to Buffalo Steel Company, Tonawanda, N. Y. Fence post. 2,004,629; June 11.
- Kichline, Frank O. (See Shimer, W. R., Kinney, and Kichline.)
- Kick, August, St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 2,003,369; June 4.
- Kida, Yasuzo, Tokyo, Japan. Erecting an iron frame building having deep underground floors. 2,007,498; July 9.
- Kidd, Alexander, Hawthorne, N. J., assignor to M. W. Kellogg Co., New York, N. Y. Arc welding method. 2,011,719; Aug. 20.
- Kidde, Walter, & Company. (See Grant, Harry C., Jr., assignor.)
- Kidd, Herbert A. (See Clark, J. d'A., and Kidd.)
- Kidde, Walter, & Company. (See Heigis, Henry E., assignor.)
- Kidde, Walter & Company. (See Mapes, Daniel, assignor.)
- Kidde, Walter, & Company, Inc. (See Grant, Harry C., Jr., assignor.)
- Kidde, Walter, & Company, Inc. (See Minor, Henry R., assignor.)
- Kiddle, Alfred M. F., et al., executors. (See Kiddle, Alfred W.)
- Kiddle, Alfred W., deceased, New York, N. Y., A. M. F. Kiddle and G. H. Halbert, executors. Apparatus for preventing twisting of flexible electric cords. 2,015,403; Sept. 24.
- Kiddle, Alfred W., deceased, New York, N. Y., A. M. F. Kiddle and G. H. Halbert, executors. Apparatus for preventing twisting of flexible electric cords. 2,015,404; Sept. 24.
- Kidney, Carleton B. (See Church, W. H., Kidney, Hoffman and Trumpler.)
- Kidwell, Cleo H., Dongan Hills, Staten Island, assignor, by mesne assignments, to E. T. Vanderbilt Company, New York, N. Y. Paint compositions, etc. 1,988,125; Jan. 15.
- Kieckhefer Container Company. (See Kieckhefer, H. M., and Dock, assignors.)
- Kieckhefer Container Company. (See Walker, E. L., and Kieckhefer, assignors.)
- Kieckhefer, Herbert M., Riverton, N. J., and W. R. Dock, assignors to Kieckhefer Container Company, Milwaukee, Wis. Handle construction for baskets. 2,002,013; May 21.
- Kieckhefer, John W. (See Walker, E. L., and Kieckhefer.)
- Kieckhefer, Robert J., Brookfield, assignor to American Lace Paper Company, Milwaukee, Wis. Printing containers. 2,019,537; Nov. 5.
- Kiefaber, Edwin W., and J. Doerr, Philadelphia, T. E. Whitson, Moylan, and W. B. Cragmile, Norwood, assignors of fifty one-hundredths to J. G. Biddle, trading as James G. Biddle Company, and fifty one-hundredths to Rubicon Company, Philadelphia, Pa. Rheostat. 2,000,849; May 7.
- Kiefer, Alvin A., Rices Landing, Pa. Motor vehicle door. 2,023,787; Dec. 10.
- Kiefer, Edward A. (See Fisher, J. C., and Kiefer.)
- Kiefer, Johannes, Berlin-Charlottenberg, Germany, assignor to General Electric Company. Arc lamp projector. 2,000,760; May 7.
- Kiefer, Joseph M., and W. E. Allentown, Pa. Variable weight take-up bobbin. 1,994,612; Mar. 19.
- Kiefer, William E. (See Kiefer, Joseph M. and W. E.)
- Kiefer, William E., Allentown, Pa. Bobbin. 2,001,569; May 14.
- Kiefer, William R., Rockford, Ill. Card table rack. 2,010,399; Aug. 6.
- Kiefner, Leopold, Irvington, N. J. Tree and stump cutter. 1,988,847; Jan. 22.
- Kiekert, Friedrich W., Heiligenhaus, Germany. Multipartite sliding door. 1,997,420; Apr. 9.
- Kiekert, Friedrich W., Heiligenhaus, Germany. Metal door. 2,010,520; Aug. 6.
- Kiel, Albert L. (See Bauer, J. L. F., Kiel, and Holkesvig.)
- Kiel, Clemens A., assignor of one-half to J. V. Rowland, Louisville, Ky. Flexible metal pipe connection. 1,988,385; Jan. 15.
- Kiel, Franz, assignor to Zellstoffabrik Waldhof, Mannheim-Waldhof, Germany. Manufacture of cellulose material. 2,005,378; June 18.
- Kieley & Mueller Inc. (See Mayer, Frank H., assignor.)
- Kienle, John A. (See Vang, A., and Kienle.)

- Kienle, John A., and P. G. Chace, assignors to W. M. Chace Valve Company, Detroit, Mich. Liquid measuring device. 1,994,822; Mar. 19.
- Kienle, Roy H. (See Grupe, H. L., and Kienle.)
- Kienle, Roy H. (See Schlingman, P. F., and Kienle.)
- Kienle, Roy H., Schenectady, N. Y., assignor to General Electric Company. Synthetic resin and preparing the same. 2,025,539; Dec. 24.
- Kienle, Roy H., and P. F. Schlingman, Schenectady, N. Y., assignors to General Electric Company. Resinous composition and casting it. 2,025,538; Dec. 24.
- Kienzle, Lester C., assignor to The Prosperity Company Inc., Syracuse, N. Y. Steam valve and pedal arrangement in pressing machines. 1,999,463; Apr. 30.
- Kienzle Taxameter and Apparate A. G. Villigen, Germany. (See Toeve, Fritz, assignor.)
- Kiergard, Jens J., Winchester, Va., assignor to National Fruit Product Company, Inc., Washington, D. C. Continuous extracting device. 1,999,241; Apr. 30.
- Kiernan, Harry G., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Colored rubber and producing the same. 2,022,887; Dec. 3.
- Kiesecker, Jules P., New York, N. Y. Fireproof furniture. 1,998,138; Apr. 16.
- Kiesecker, Jules P., New York, N. Y. Furniture. 2,004,287; June 11.
- Kiesel, William F., Jr., Hollidaysburg, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Refrigerator container. 1,997,936; Apr. 16.
- Kieser, Walter, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Alternating current distribution system. 2,008,506; July 16.
- Kiesling, Le Roy H., Brooklyn, N. Y. Sectional door. 2,015,478; Sept. 24.
- Kieskalt, Siegfried, Frankfurt-on-the-Main-Hochst, assignor to Benno Schilde Maschinenbau Aktiengesellschaft, Hersfeld, Germany. Apparatus for drying material. 1,993,062; Mar. 5.
- Kiessing, Max, assignor to Hayes-Donahue Company, Waterbury, Conn. Hair curler. 2,024,771; Dec. 17.
- Kiessing, Max, assignor to Hayes-Donahue Company, Waterbury, Conn. Hair curler. 2,024,798; Dec. 17.
- Kihara, Gyokujo. (See Tamura, K., Kihara, Asahina, and Ishidate.)
- Kilborn-Sauer Company. (See Sauer, Henry J., assignor.)
- Kilbourne, Charles E., Schenectady, N. Y., assignor to General Electric Company. Starting system for alternating-current motors. 2,023,326; Dec. 3.
- Kile, Rezin P., Riverton, Wyo. Power transmitting mechanism. 2,019,187; Oct. 29.
- Kiley, Le Roy D., Larchmont, N. Y. Apparatus for and method of recovering vapors vented from storage tanks. 2,004,074; June 4.
- Kilitt, Heinz, Dusseldorf, assignor to Otto Berning & Co., Schwelm, Germany. View finder for photographic cameras. 2,014,898; Sept. 17.
- Kilgore, Lee A., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Winding with two parallels per pole. 2,015,562; Sept. 24.
- Kilgore Mfg. Company, The. (See Driggs, Louis L., assignor.)
- Kilgore Manufacturing Company, The. (See Peake, Edward S., assignor.)
- Kilgore Mfg. Company, The. (See Watkins, Henry B., assignor.)
- Kilgour, Charles E., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Radio tube socket. 1,992,432; Feb. 26.
- Kilgus, Alfred, Stuttgart-Ober Turckheim, Germany. Production of gases by decomposition of aqueous electrolytes. 2,016,442; Oct. 8.
- Killmalk, Philip, Middle Village, N. Y. Combination seat and bed. 2,007,804; July 9.
- Kilkenny, John E., Portland, Ore. Automatic stopping device. 1,985,930; Jan. 1.
- Killborn-Sauer Company, The. (See Sauer, Henry J., assignor.)
- Killefer Manufacturing Corporation. (See Thomas, Thomas M., assignor.)
- Killen, James R., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,009,623; July 30.
- Killen, James R., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,022,771; Dec. 3.
- Killgrove, John P., Fort Collins, Colo. Refrigerator tray. 1,997,220; Apr. 9.
- Killian, Franz, Hoboken, N. J. Primary battery. 1,997,367; Apr. 9.
- Killingstad, Ralph, Alexandria, Va. Mechanical refrigeration system or apparatus. 2,007,719; July 9.
- Killmeyer, Chester A., Toledo, Ohio. Throttle control. 2,009,088; July 23.
- Killory, Martin F., Brockton, Mass. Fishing apparatus. 1,995,067; Mar. 19.
- Kilmer, Frederick B., and R. R. Hawthorne, assignors to Johnson & Johnson, New Brunswick, N. J. Packaging surgical absorbent cotton. 2,014,335; Sept. 10.
- Kilmer, Stewart H., Ambridge, assignor to Spang, Chalfont & Co., Inc., Pittsburgh, Pa. Making heat transfer tubes. 2,006,738; July 2.
- Kilner, Arthur H., St. John's Wood, England. Production of foils and films from viscose or other cellulosic solution. 1,994,396; Mar. 12.
- Kilpatrick, Howard M., New York, N. Y. Lamp testing machine. 2,007,201; July 9.
- Kim, Young W., Santa Barbara, Calif. Game. 2,003,203; May 28.
- Kimatone Patents Corporation. (See Foster, W. D., and Sweet, assignors.)
- Kimball, A., Company. (See Enoch, Walter, assignor.)
- Kimball, A., Company. (See Geist, Sidney R., assignor.)
- Kimball, A., Company. (See Marsh, Alonzo K., assignor.)
- Kimball, A., Company. (See Lancher, Frederick W., assignor.)
- Kimball, A., Company. (See Marsh, Alonzo K., assignor.)
- Kimball, A., Company. (See Pope, Paul M., assignor.)
- Kimball, A., Company. (See Wallin, Gustaf A., assignor.)
- Kimball, A., Company. (See Weimont, Joseph, assignor.)
- Kimball, C. M., Co. (See Wood, Allen H., Jr., assignor.)
- Kimball, Clarence M., Royal Oak, Mich. Hand tool. 1,995,887; Mar. 26.
- Kimball, Cyril S. (See Snell, F. D., and Kimball.)
- Kimball, John A., Taylorville, Ill. Battery terminal clamp and cable connector. 1,995,182; Mar. 19.
- Kimball, John A., Taylorville, Ill. Game apparatus. 2,003,370; June 4.
- Kimball, John H. (See Fieberling, Charles A., assignor.)
- Kimball, Leo B., New Haven, Conn., assignor to Fuel Development Corporation. Automatic control of anti-knock liquids. 2,002,482; May 21.
- Kimball, Leo B., New Haven, Conn., assignor to Fuel Development Corporation. Automatic control of anti-knock liquids. 2,002,483; May 21.
- Kimball, Leo B., New Haven, Conn., assignor to Fuel Development Corporation. Eliminating knocking in internal combustion engines. 2,018,892; Oct. 29.
- Kimball, Leo B., New Haven, Conn., assignor to Fuel Development Corporation. Ignition control device. 2,018,893; Oct. 29.
- Kimball, Leo B., New Haven, Conn., assignor to Fuel Development Corporation. Eliminating knocking in internal combustion engines. 2,023,892; Dec. 10.
- Kimball, Linwood, Danvers, assignor to Ruggles-Klingemann Mfg. Co., Salem, Mass. Positioning device for hydraulic operators. 1,989,235; Jan. 29.
- Kimball, Marton H. (See Chace, E. M. Sorber, Rundle and Kimball.)
- Kimball, Richard L., Forest Hills, Pa., and D. J. Munro, Montreal, Quebec, Canada, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locomotive control system. 2,020,947; Nov. 12.
- Kimball, Wallace D., Elmhurst, assignor to Standard-Knapp Corporation, Long Island City, N. Y. Article handling machine. 1,990,549; Feb. 12.
- Kimble, Harley E., Chicago, and H. J. Holmquest, Oak Park, assignors to General Electric X-Ray Corporation, Chicago, Ill. Electrode. 1,989,282; Jan. 29.
- Kimbrig, Louis, Brooklyn, N. Y. Furniture spring. 2,001,964; May 21.
- Kimbrough, John T., Gulfport, Miss. Molding concrete articles. 2,020,065; Nov. 5.
- Kimm, Ewald J. (See Forbes, J. S., and Kimm.)
- Kimmel, George P. (See Maris, Claude A., assignor.)
- Kimmel, George P. (See Pappert, Emanuel, assignor.)
- Kimmel, Spencer C., Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Treating spirit soluble nigrosines. 1,988,499; Jan. 22.
- Kimpton, William H., and S. M. Fulton, Spondon, near Derby, England, assignors to Celanese Corporation of America. Variable speed take-up mechanism. 1,996,815; Apr. 9.
- Kinahan, Desmond B., London, England. Tobacco pipe. 1,986,730; Jan. 1.
- Kinatome Patents Corporation. (See Foster, Warren D., assignor.)
- Kinatome Patents Corporation. (See Foster, W. D., and Parmelee, assignors.)
- Kinatome Patents Corporation. (See Foster, W. D., and Sweet, assignors.)
- Kinatome Patents Corporation. (See Proctor, Barton A., assignor.)
- Kincaid, Jesse B. (See Schauer, L. L., and Kincaid.)
- Kincaid, Thomas C., Jr., Steubenville, Ohio. Truck. 2,002,605; May 28.
- Kind & Knox Gelatin Company. (See Downey, Thomas B., assignor.)
- Kind, Oscar, Rodenkirchen, near Cologne, Germany. Wire strapping for packages with twisted tie. 2,019,570; Nov. 5.
- Kindelmann, Albert, Floral Park, and E. Boecking, Brooklyn, assignors to International Projector Corporation, New York, N. Y. Apparatus for advancing film across a sound aperture. 1,989,754; Feb. 5.
- Kindelmann, Albert, Floral Park, and J. Pearlman, assignors to International Projector Corporation, New York, N. Y. Film footage indicator for amateur film magazines. 1,991,508; Feb. 19.
- Kindelmann, Albert, Floral Park, and C. L. Ragot, New York, assignors to International Projector Corporation, New York, N. Y. Supporting pedestal. 2,002,538; May 28.
- Kindelmann, Albert, Floral Park, and J. Pearlman, assignors to International Projector Corporation, New York, N. Y. Film magazine. 2,022,353; Nov. 26.
- Kindermann, Grete (nee Huesmann). (See Kindermann, Hanns and G.)

- Kindermann, Hanns and G. Kindermann, née Huesmann, Radlitz, Post Steinau, Germany. Electrically heated cushion. 2,012,631; Aug. 27.
- Kindersley, Richard F. (See Peel, E. T., and Kindersley.)
- Kindervater, Julius, Richmond, Va., assignor to American Locomotive Company, New York, N. Y. Staybolt. 2,013,781; Sept. 10.
- Kindig, Albert E. (See Pollock, G. L., and Kindig.)
- Kindl, Carl H. (See Rossman, E. F., and Kindl.)
- Kindl, Carl H., and E. F. Rossman, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorber. 2,015,453; Sept. 24.
- Kindl, Joseph V., and J. J. Slavin, assignors to The W. J. Schoenberger Company, Cleveland, Ohio. Lighting device for gas burners. 2,024,455; Dec. 17.
- Kindle, Frank, and R. E. Speck, Pendleton, Ind. Broad-head hunting point. 2,005,424; June 18.
- Kindlemann, Albert, Floral Park, and E. Boecking, Brooklyn, assignors to International Projector Corporation, New York, N. Y. Lens shifting and indicating mechanism. 1,993,101; Mar. 5.
- Kindler, Eduard, Friedenau, near Berlin, assignor to the firm Berliner Verkehrs, A.-G., Berlin, Germany. Brake for motor rail vehicles. 2,011,411; Aug. 13.
- Kinetic Chemicals Inc. (See Croco, Carlton W., assignor.)
- Kinetic Chemicals, Incorporated. (See Daudt, H. W., and Mattison, assignors.)
- Kinetic Chemicals, Inc. (See Daudt, H. W., and Youker, assignors.)
- Kinetic Chemicals, Inc. (See Daudt, H. W., Youker, and Reynolds, assignors.)
- Kinetic Chemicals, Inc. (See Holt, L. C., and Mattison, assignors.)
- King, Albert F. A., Philadelphia, Pa. Ash receptacle. 1,988,318; Jan. 15.
- King, Albert A., Fort Worth, Tex. Gas burner. 2,022,568; Nov. 26.
- King, Allan S., Sutton Coldfield, England, assignor to American Anode Incorporated, Akron, Ohio. Manufacture of articles of or containing rubber or similar material. 1,996,072; Apr. 2.
- King, Alvin O., et al. (See Nelson, Emil, Sr., assignor.)
- King, Carl H. (See Barkhausen, P. E., and King.)
- King, Charles B., Larchmont, N. Y. Electric grounding apparatus for motor tank trucks. 1,999,414; Apr. 30.
- King, Charles B., Larchmont, N. Y. Control valve apparatus for vacuum operated devices. 2,009,696; July 30.
- King, Clarence R. (See Ralston, O. C., and King.)
- King, Clifford G., Providence, R. I. Hand bag and the like. 2,008,421; July 16.
- King Cotton Mills Corporation. (See Fonville, John L., assignor.)
- King, Douglas H., Irvington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone substation apparatus. 2,008,283; July 16.
- King, Elizabeth C. (See King, Robert J. and E. C.)
- King, Frank. (See Amy, E. V., and King.)
- King, Frank G. W., Sutton Coldfield, England, assignors to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Tread for pneumatic tires. 2,014,255; Sept. 10.
- King, Frederick W., Barking, assignor to The Cape Asbestos Company Limited, London, England. Manufacture of heat non-conducting coverings for pipes and the like. 2,019,417; Oct. 29.
- King, George D., assignor to United States Gypsum Company, Chicago, Ill. Gypsum plaster. 1,989,641; Jan. 29.
- King, George D., assignor to United States Gypsum Company, Chicago, Ill. Sound absorbing composition. 1,996,033; Mar. 26.
- King, George L., St. Paul, assignor to A. W. Magnuson, Stillwater, Minn. Syringe projector. 1,991,103; Feb. 12.
- King, George W., assignor of two-twelfths to L. T. Englund and two-twelfths to J. E. Mahan, Coffeyville, Kans., and seven-twelfths to R. T. Osborn, New York, N. Y. Dome cover for tank cars. 1,990,189; Feb. 5.
- King, George W., assignor of two-twelfths to L. T. Englund, two-twelfths to J. E. Mahan, Coffeyville, Kans., and seven-twelfths to R. T. Osborn, New York, N. Y. Safety valve for tanks. 1,994,770; Mar. 19.
- King, Gerald V., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,018,457; Oct. 22.
- King, Harold L., Bloomfield, assignor to National Grain Yeast Corporation, Belleville, N. J. Treating distillery slop. 2,008,584; July 16.
- King, Harvey, and L. Wyse, Archbold, Ohio. Potato sorting and weighing machine. 2,016,204; Oct. 1.
- King, Henry, et al. (See Scott, Albert B., assignor.)
- King, Homer E. (See Worth, L. M., and King.)
- King, James, St. Albans, N. Y. Automobile body protector. 2,022,421; Nov. 26.
- King, Jesse G., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,987,510; Jan. 8.
- King, Jesse G., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigeration. 1,989,422; Jan. 29.
- King, John, Golders Green, London, England. Sliding roof for vehicle bodies. 2,007,865; July 9.
- King, John H., Amityville, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phonograph reproducer. 1,986,583; Jan. 1.
- King, John L., Atlanta, Ga., assignor to Atlanta Textile Machine Works. Textile roll joint and forming it. 1,989,642; Jan. 29.
- King, Kenneth C., et al. (See King, Sidney S., assignor.)
- King, Lindsey. (See Siebert, S. R., and King.)
- King, Lloyd E., Berwyn, Ill. Circuit controlling device. 2,025,593; Dec. 24.
- King, Morgan L., assignor to Mid-West Steel Products Corporation, Carthage, Mo. Automobile trunk. 2,009,051; July 23.
- King, Myrtle H., trustee. (See King, Sidney S., assignor.)
- King, Phillio R., Webster Groves, Mo., assignor to Union Starch & Refining Company, Columbus, Ind. Advertising device. 1,991,158; Feb. 12.
- King, Ralph E., Fort Wayne, Ind., assignor to General Electric Company. Food preservation. 1,988,319; Jan. 15.
- King, Robert J., Company, The. (See King, Robert J. and E. C., assignors.)
- King, Robert J. and E. C., Stamford, assignors to The Robert J. King Company, Inc., Stamford, Conn. Compounding of rubber, etc. 2,000,028; May 7.
- King, Robert J., and E. C. King, assignors to The Robert J. King Company, Inc., Stamford, Conn. Compounding of rubber. 2,008,554; July 16.
- King, Roy D., Jackson Heights, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Penetrating lubricant. 2,025,517; Dec. 24.
- King-Seely Corporation. (See Boddy, Leonard, assignor.)
- Kinz, Sidney S., Jr., et al. (See King, Sidney S., assignor.)
- King, Sidney S., assignor to M. H. King, trustee, K. C. King and S. S. King, Jr., Dayton, Ohio. Building construction. 1,996,735; Apr. 2.
- King, Thomas E., Westfield, assignor to Hitchings & Company, Elizabeth, N. J. Hot water heating system. 1,999,906; Apr. 30.
- King, Thomas E., Westfield, assignor to Hitchings & Company, Elizabeth, N. J. Hot water heating system. 2,021,149; Nov. 19.
- King, Walter E., assignor to R. L. Waxler and J. Hardcastle, Houston, Tex. Control head. 2,002,539; May 28.
- King, Walter G., and M. E. Krause, Chicago, Ill. Film reel. 2,003,510; June 4.
- King, William B., Leaksville, N. C. Collapsible table. 1,994,364; Mar. 12.
- King, William H., assignor to The Pocono Company, Trenton, N. J. Method and apparatus for suede surfacing fabrics. 2,020,319; Nov. 12.
- King, William R., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,002,374; May 21.
- King, William R., Schenectady, N. Y., assignor to General Electric Company. Automatic control of artificial illumination. 2,012,821; Aug. 27.
- Kingsbury, Edward J., Keene, N. H. Turret mechanism for machine tools. 2,011,486; Aug. 13.
- Kingdon, Kenneth H., Schenectady, N. Y., assignor to General Electric Company. Electrical discharge device. 2,008,022; July 16.
- Kingham, Charles H., Louisville, Ky. Fifth wheel. 2,015,941; Oct. 1.
- Kingman, John J., U. S. Army, Providence, R. I., and Hugh J. Casey, U. S. Army, Berlin, Germany. Mooring device. 1,997,586; Apr. 16.
- Kingman, Kenneth, Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Purifying propane. 1,988,740; Jan. 22.
- Kingman, Russell B., Orange, N. J. Soluble ink fountain pen. 1,998,930; Apr. 23.
- Kingman, Russell B., Orange, N. J. Soluble ink fountain pen. 2,011,222; Aug. 13.
- Kingman, Russell B., Orange, N. J. Soluble ink fountain pen. 2,024,229; Dec. 17.
- Kingman, Russell B., Orange, N. J. Soluble ink fountain pen. 2,025,110; Dec. 24.
- Kingman, Russell B., Orange, assignor to Metal Textile Corporation, West Orange, N. J. Detergent abrasive scouring pad. 1,991,559; Feb. 19.
- Kingman, Russell B., and R. L. Hartwell, Orange, N. J. Soluble ink fountain pen. 2,024,228; Dec. 17.
- Kingsboro Silk Mills, Inc. (See Quick, Paul H., assignor.)
- Kingsboro Silk Mills, Inc. (See Quick, P. H., and Simpson, assignors.)
- Kingsbury, Arthur H., Skaneateles, assignor to Crucible Steel Company of America, New York, N. Y. Alloy steel. 1,996,725; Apr. 2.
- Kingsbury, Edward J., Keene, N. H. Machine tool with automatically operable feeding mechanism. 1,987,511; Jan. 8.
- Kingsbury, Edward J., Keene, N. H. Fluid pressure feeding mechanism for metal working tools. 1,998,873; Apr. 23.
- Kingsbury, Edward J., Keene, N. H. Universal type machine tool unit with differential feed. 2,011,000; Aug. 13.
- Kingsbury, Edward J., Keene, N. H. Two-motor control for screw feed machine tool units. 2,023,841; Dec. 10.
- Kingsbury, Edward J., assignor to Kingsbury Machine Tool Corporation, Keene, N. H. Cam feed drilling head. 2,010,999; Aug. 13.
- Kingsbury, Edward J., assignor to Kingsbury Machine Tool Corporation, Keene, N. H. Hydraulic feeding apparatus for machine tool units. 2,023,842; Dec. 10.

- Kingsbury, Edward J., and G. Swahnberg, assignors to Kingsbury Machine Tool Corporation, Keene, N. H. Automatically operated turret and tool unit structure 2,011,487; Aug. 13.
- Kingsbury, George P., Hollis, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,018,132; Oct. 22.
- Kingsbury, Harry T., assignor to Kingsbury Manufacturing Company, Keene, N. H. Electrically illuminated device. 2,020,192; Nov. 5.
- Kingsbury, Harry T., assignor to Kingsbury Mfg. Company, Keene, N. H. Registering bank. 2,022,422; Nov. 26.
- Kingsbury, Leon V., South Bend, Ind., assignor to Oliver Farm Equipment Company. Hill drop planter. 1,986,975; Jan. 8.
- Kingsbury Machine Tool Corporation. (See Foster, Benjamin N., assignor.)
- Kingsbury Machine Tool Corporation. (See Kingsbury, Edward J., assignor.)
- Kingsbury Machine Tool Corporation. (See Kingsbury, E. J., and Swahnberg, assignors.)
- Kingsbury Machine Tool Corporation. (See Swahnberg, Gunnar, assignor.)
- Kingsbury Machine Works, Inc. (See Howarth, Harry A. S., assignor.)
- Kingsbury Manufacturing Company. (See Kingsbury, Harry T., assignor.)
- Kingsbury, William A., Oakland, assignor to Federal Pitter Company, Vernalis, Calif. Fruit splitter. 2,010,865; Aug. 13.
- Kingsford, Russell T., Wyncote, assignor to Atwater-Kent Manufacturing Company, Philadelphia, Pa. Telephonic apparatus. 1,991,221; Feb. 12.
- Kingsland, George D., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Proportional control. 1,999,053; Apr. 23.
- Kingsley, George E., and H. J. Loar, Newark, N. J., assignors of two-thirds to said Kingsley, and one-third to E. D. Bovet, New York, N. Y. Dishwashing machine. 2,014,084; Sept. 10.
- Kingston, Earle G., assignor, by mesne assignments, to General Aviation Manufacturing Corporation, Dundalk, Md. Vernier adjusting control unit. 1,987,066; Jan. 8.
- Kingston, Earle G., Dundalk, Md., assignor, by mesne assignments, to North American Aviation, Inc. Vernier adjusting control unit. 1,994,651; Mar. 19.
- Kingston, Frederick S., Warren, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Clutch. 1,987,194; Jan. 8.
- Kinkald, Albert E., Bearden, Tenn. Chicken brooder and finishing battery. 2,019,710; Nov. 5.
- Kinkead, Fullerton S., Ridgefield Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Printing telegraph private branch exchange system. 1,996,516; Apr. 2.
- Kinkead, Fullerton S., Ridgefield Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph exchange system. 1,998,086; Apr. 16.
- Kinkead, Fullerton S., Ridgefield Park, and T. L. Corwin, Newark, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,024,580; Dec. 17.
- Kinkead, Fullerton S., Ridgefield Park, N. J., and G. A. Locke, Glenwood, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph tool system. 2,024,581; Dec. 17.
- Kinker, Clarence C. (See Watkins, W. H., and Kinker.)
- Kinker, Clarence C., Alton, Ill., assignor to Owens-Illinois Glass Company, Glassboro forming machine. 2,016,374; Oct. 8.
- Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler. 1,986,439; Jan. 1.
- Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler. 1,986,440; Jan. 1.
- Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler. 1,990,699; Feb. 12.
- Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Tractor trailer device. 1,990,700; Feb. 12.
- Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler. 1,993,553; Mar. 5.
- Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler. 2,001,197; May 14.
- Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler. 2,007,450; July 9.
- Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler. 2,007,451; July 9.
- Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler. 2,007,452; July 9.
- Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Tractor-trailer coupling device. 2,015,313; Sept. 24.
- Kinne, Edmund P., and F. H. Kayler, Alliance, Ohio, assignors to American Steel Foundries, Chicago, Ill. Coupler. 1,986,438; Jan. 1.
- Kinnear, Leland P., Beaumont, Tex. Blow-out preventer. 2,021,104; Nov. 12.
- Kinnear Manufacturing Company, The. (See Armstrong, Hugh C., assignor.)
- Kinnear Manufacturing Company, The. (See Ginder, William M., assignor.)
- Kinnear Mfg. Company, The. (See Greegor, Ralph H., assignor.)
- Kinnear Mfg. Company, The. (See McCloud, Edward H., assignor.)
- Kinnear Manufacturing Company, The. (See Rush, Albert, assignor.)
- Kinnan, Donald H., assignor to Lennox Furnace Company, Inc., Syracuse, N. Y. Automatic heat regulating system. 2,016,805; Oct. 8.
- Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Draft gear. 2,019,311; Oct. 29.
- Kinney, Brewster P., Cleveland Heights, Ohio. Dispensing device. 2,002,635; May 28.
- Kinney, James A. (See Shimer, W. R., J. A. Kinney, and Kichline.)
- Kinney, James A., Lebanon, Pa., assignor to Bethlehem Steel Company. Making nut blanks. 2,003,084; May 28.
- Kinney, J. Stanley, Wilkinsburg, Pa., assignor, by mesne assignments, to Westinghouse X-Ray Company, Inc. Apparatus for producing graduated involuntary muscular contractions. 1,999,729; Apr. 30.
- Kinninger, Arthur M., assignor of one-half to C. A. Kinninger, Dayton, Ohio. Anchor insert. 2,006,300; June 25.
- Kinninger, Carl A. (See Kinninger, Arthur M., assignor.)
- Kinnucan, James W., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,001,913; May 21.
- Kinsella, Edward, Spondon, near Derby, England, assignor to Celanese Corporation of America. Distribution of fluids. 1,993,790; Mar. 12.
- Kinsella, Edward, Spondon, near Derby, England, assignor to Celanese Corporation of America. Apparatus for the manufacture of artificial filaments or the like. 2,013,688; Sept. 10.
- Kinsella, Edward, and R. J. Ward, Spondon, near Derby, England, assignors to Celanese Corporation of America. Extrusion apparatus. 1,990,078; Feb. 5.
- Kinsella, Edward, and C. W. Addy, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial filaments. 1,999,415; Apr. 30.
- Kinsella, Edward, J. G. Pratt, and B. Kelsall, Spondon, near Derby, England, assignors to Celanese Corporation of America. Knitting mechanism. 2,014,529; Sept. 17.
- Kinsella, Edward, J. G. Pratt, and B. Kelsall, Spondon, near Derby, England, assignors to Celanese Corporation of America. Thread feeding mechanism for warp knitting machines. 2,014,530; Sept. 17.
- Kinsella, Edward, Spondon, near Derby, England, assignor to Celanese Corporation of America. Apparatus for use in the manufacture of films and foils. 2,020,687; Nov. 12.
- Kinsella, Edward, and R. H. J. Riley, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of artificial materials. 2,019,609; Nov. 5.
- Kinsey, Alpha, Woodinville, Wash. Device for cleaning screens. 2,020,728; Nov. 12.
- Kinsler, Albert J., and J. Kinsler, Pittsburgh, Pa. Door operator. 2,003,652; June 4.
- Kinsler, Joseph. (See Kinsler, Albert J. and J.)
- Kinsley, Reginald P. (See Becker, F. W., and Kinsley.)
- Kinson, Frank P. (See Dana, L. I., and Kinson.)
- Kinzel, Augustus B., Flushing, and W. Crafts, New York, N. Y., assignors to Electro Metallurgical Company. Machine element. 2,018,267; Oct. 22.
- Kluezy, Bertram J., Berea, Ohio. Refrigerating apparatus. 1,987,258; Jan. 8.
- Kinzie, Charles J., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Alkali-metal zirconium tartrate and producing same. 2,013,856; Sept. 10.
- Kinzie, Charles J., Niagara Falls, assignor to Titanium Alloy Manufacturing Company, New York, N. Y. Zirconium silicon alkali metal composites and making same. 2,013,857; Sept. 10.
- Kinzie, Charles J., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Zirconium, silicon alkali acid solution and method for stabilizing same. 2,017,125; Oct. 15.
- Kinzie, Charles J., C. H. Commons, Jr., and D. S. Hake, Niagara Falls, N. Y., assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Clay products for vitreous slips. 1,988,800; Jan. 22.
- Kinzie, Phillip A., assignor to Universal Hydraulic Corporation, Denver, Colo. Valve. 1,998,458; Apr. 23.
- Kinzie, Phillip A., assignor to Universal Hydraulic Corporation, Denver, Colo. Needle valve. 1,998,459; Apr. 23.
- Kinzinger, Adolf, Pforzheim, Germany, assignor to Art Metal Works, Inc., Newark, N. J. Benzine pocket lighter. 2,022,228; Nov. 26.
- Kip, Carola, Jr., New York, N. Y. Jewelry. 2,022,936; Dec. 3.
- Kipnis, Abraham, Far Rockaway, N. Y. Uniting conduits. 2,016,375; Oct. 8.
- Kipp, Ralph P., Ossining, N. Y. Blood transfusion device. 1,988,624; Jan. 22.
- Kipper, Herman B., Accord, Mass. Digestion of vegetable growths to produce cellulose. 1,987,195; Jan. 8.

- Kipper, Herman B., Accord, Mass. Digestion of vegetable growths to produce cellulose. 2,005,190; June 18.
- Kipper, Joseph, Seattle, Wash. Meat mold. 1,988,558; Jan. 22.
- Kirby, E. C. (See Hinkle, James M., assignor.)
- Kirby, James B., West Richfield, Ohio. Dishwashing machine. 1,995,927; Mar. 26.
- Kirby, James B., West Richfield, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio, trustee. Laundry machine. 1,995,925; Mar. 26.
- Kirby, James B., West Richfield, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio, trustee. Laundry machine. 1,995,926; Mar. 26.
- Kirby, James B., West Richfield, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Trustee, Cleveland, Ohio. Laundry machine. 2,001,965; May 21.
- Kirby, James B., West Richfield, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Laundry machine. 2,009,111; July 23.
- Kirby, James B., West Richfield, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Filter for dry cleansing liquid. 2,016,550; Oct. 8.
- Kirby, James B., West Richfield, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio, trustee. Fabric cleansing and extracting machine. 2,019,571; Nov. 5.
- Kirby, Julian N., assignor to St. Paul Machinery Manufacturing Company, St. Paul, Minn. Wood carving machine. 2,018,763; Oct. 29.
- Kirby, Wallace W., J. A. Scott, Jr., and F. J. Wagner, assignors to Plano-Finishing Company, Inc., Washington, D. C. Reproducing wood graining and surface designs. 2,019,682; Nov. 5.
- Kirby, William B., Long Beach, Calif. Lawn mower grass catcher. 1,999,102; Apr. 23.
- Kirch, Ernst, Berlin-Oberschoneweide, Germany, assignor to General Electric Company. Terminal and joint for electric cables. 1,988,279; Jan. 15.
- Kircher, Heinrich. (See Rockstroh, J., Raspe and Kircher.)
- Kirchoff, William G., assignor to The J. H. Day Company, Cincinnati, Ohio. Loaf creasing and cutting means for dough molders. 2,017,281; Oct. 15.
- Kirchner, Henry P. (See Benner, R. C., Kirchner, and Melton.)
- Kirchner, Henry P., assignor to The Carborundum Company, Niagara Falls, N. Y. Manufacture of silicon carbide. 2,018,133; Oct. 22.
- Kirchner, Léon, Mulhouse, France. Lighter. 1,992,076; Feb. 19.
- Kircher, Ralph N., West Bend, assignor to West Bend Aluminum Co., West Bend, Wis. Corn popper. 1,999,658; Apr. 30.
- Kircher, Ralph N., assignor to West Bend Aluminum Company, West Bend, Wis. Cocktail shaker. 2,010,725; Aug. 6.
- Kirchner, Henry P. (See Melton, R. L., Benner, and Kirchner.)
- Kirchner, Henry P., R. C. Benner and R. L. Melton, assignors to The Carborundum Company, Niagara Falls, N. Y. Floor surface. 2,010,025; Aug. 6.
- Kirchoff, William G., assignor to The J. H. Day Company, Cincinnati, Ohio. Dough divider. 2,001,026; May 14.
- Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Refrigerating apparatus. 2,026,283; Dec. 31.
- Kirk, Claude R. (See Collison, E. E., and Kirk.)
- Kirk, Claude R., Chicago, Ill., assignor to J. F. Meyer, Flintridge, Calif. Delivery device. 1,998,625; Apr. 23.
- Kirk, Claude R., Oak Park, and E. E. Collison, assignors to Standard Ticket Games Corporation, Chicago, Ill. Game apparatus. 2,004,989; June 18.
- Kirk, Claude R., Oak Park, and E. E. Collison, assignors to Standard Ticket Games Corporation, Chicago, Ill. Game apparatus. 2,004,990; June 18.
- Kirk, Claude R., Oak Park, and E. E. Collison, assignors to Standard Ticket Games Corporation, Chicago, Ill. Game apparatus. 2,005,548; June 18.
- Kirk, Edward C., Charleston, W. Va., assignor to The American Mine Door Company, Canton, Ohio. Safety locomotive sander. 1,993,145; Mar. 5.
- Kirk, Ernest W. (See Ellis, G. H., and Kirk.)
- Kirk, Ernest W. (See Ellis, G. H., Olpin, and Kirk.)
- Kirk, Ernest W., and G. H. Ellis, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile materials. 2,013,689; Sept. 10.
- Kirk, James E., Haralson County, assignor of one-third to L. P. McMillian, Rockmart, Ga. Seeding attachment for disk harrows. 2,022,354; Nov. 26.
- Kirkegaard, Einar L., Detroit, Mich., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,000,233; May 7.
- Kirkham, Hall, receiver. (See Johnson, W. G., and Hendricks, assignors.)
- Kirkham, Hall, receiver. (See Johnson, W. G., and Kirkham, assignors.)
- Kirkland, Hugh T., et al. (See Sapper, C. H., Kirkland, Lasting, and Elkin.)
- Kirkland, Hugh T., C. H. Sapper, H. B. Lasting, and J. Elkin, assignors to Pressed Metals Commodities, Inc., Portsmouth, Va. Smoker's appliance. 2,006,897; July 2.
- Kirkley, Clyde C., et al. (See Marshall, James H., assignor.)
- Kirkman, Doris I., et al. (See Havens, Charles M., assignor.)
- Kirkpatrick, Davidson K. (See Grey, R. E., Boynton, and Kirkpatrick.)
- Kirkpatrick, Edward, Peoria, Ill. Faucet. 1,986,402; Jan. 1.
- Kirkpatrick, Helen I., Cincinnati, Ohio. Protective device for knitting and the like. 2,020,556; Nov. 12.
- Kirkpatrick, Willis B., Scarsdale, N. Y. Tree band. 2,022,937; Dec. 3.
- Kirmss, Richard, Brooklyn, N. Y. Toothbrush holder. 2,024,692; Dec. 17.
- Kirsch, Alfred. (See Wagner, H., Krzikalla, and Kirsch.)
- Kirsch, Andrew, Carroll, Iowa. Detachable handle. 2,024,294; Dec. 17.
- Kirsch, Benjamin, Chicago, and H. S. Pardee, Ravinia, assignors to Auto Radiator Manufacturing Co., Chicago, Ill. Radiator shell. 1,996,816; Apr. 9.
- Kirsch Company. (See Allen, Archie A., assignor.)
- Kirsch Company. (See Kirsch, Guy W., assignor.)
- Kirsch, Guy W., assignor to Kirsch Company, Sturgis, Mich. Slat for venetian blinds. 2,017,210; Oct. 15.
- Kirsch, John, Milwaukee, Wis. Applicator roll. 2,004,576; June 11.
- Kirschbraun, Lester, assignor to The Patent and Licensing Corporation, New York, N. Y. Waterproof sheet and making same. 1,977,126; Jan. 15.
- Kirschbraun, Lester, Leonia, N. J., assignor to The Patent and Licensing Corporation, Boston, Mass. Building material and making the same. 2,013,349; Sept. 3.
- Kirschbraun, Lester, Leonia, N. J., and O. A. Heppes, LaGrange, Ill., assignors to The Patent and Licensing Corporation, Boston, Mass. Roofing element. 1,989,554; Jan. 29.
- Kirschbaum, Isaac, Middletown, Pa. Coat. 1,993,705; Mar. 5.
- Kirst, Werner, and M. Kerth, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo-dyestuff. 1,992,917; Feb. 26.
- Kirst, William E., et al. (See Handforth, S. L., and Kirst.)
- Kirst, William E., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrical igniter. 1,995,354; Mar. 26.
- Kirst, William E., Woodbury, N. J., J. W. McCoy, Wilmington, Del., and C. A. Woodbury, Media, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Blasting. 1,992,216; Feb. 26.
- Kirst, William E., Woodbury, N. J., and C. A. Woodbury, Media, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ammonium nitrate explosive. 1,992,217; Feb. 26.
- Kirstahler, Alfred. (See Elbel, E., and Kirstahler.)
- Kirstahler, Alfred, assignor to firm Henkel & Cie, G. m. b. H., Dusseldorf, Germany. Preparation of high molecular ethers. 2,010,726; Aug. 6.
- Kirstahler, Alfred, Dusseldorf, and W. J. Kaiser, Dusseldorf-Benrath, Germany. Thiosulphate esters and their production. 2,004,873; June 11.
- Kirstahler, Alfred, Dusseldorf, and W. J. Kaiser, Dusseldorf-Benrath, Germany, assignors to firm Henkel & Cie, Gesellschaft mit beschränkter Haftung, Dusseldorf, Germany. Naphthenic alcohol esters of fatty acids. 2,010,727; Aug. 6.
- Kirstahler, Alfred, Dusseldorf, and W. J. Kaiser, Dusseldorf-Benrath, Germany, assignors to the firm Henkel & Cie, Gesellschaft mit beschränkter Haftung, Dusseldorf, Germany. Sulfuric acid derivative of organic sulphur compounds. 2,017,004; Oct. 8.
- Kirsten, Kurt F. J. (See McManamna, G. P., and Kirsten.)
- Kirsten, Kurt F. J., Seattle, Wash., assignor to Kirsten Lighting Corporation. Electric illuminator. 1,995,512; Mar. 26.
- Kirsten, Kurt F. J., Seattle, Wash., assignor to Kirsten Lighting Corporation. Gas arc lamp. 2,018,856; Oct. 29.
- Kirsten Lighting Corporation. (See Kirsten, Kurt F. J., assignor.)
- Kiser, Merrill, assignor to Indian Refining Company, Lawrenceville, Ill. Manufacture of low pour lubricating oil. 2,020,066; Nov. 5.
- Kiser, Sherman L., U. S. Army, Bippus, Ind. Plotting board. 1,995,308; Mar. 26.
- Kisfaludy, István P., Budapest, Hungary, assignor to La Dispersion Cathodique, Société Anonyme, Brussels, Belgium. Electrical heating element of larger surface for low temperatures. 2,021,661; Nov. 19.
- Kish, Charles. (See Peremi, E., and Kish.)
- Kish, Stephen T., Passaic, N. J. Window screen. 2,012,878; Aug. 27.
- Kislyn Corporation. (See Berthon, Rodolphe, assignor.)
- Kiss, Steve, assignor of one-half to J. J. Samson, Miami, Fla. Propulsion means. 2,012,568; Aug. 27.
- Kisselle, John M., Detroit, Mich. Sharp freezing container. 2,025,290; Dec. 24.
- Kissling, Frank R., Cleveland Heights, and E. R. Marbach, Cleveland, Ohio. Refrigerating portable receptacle. 2,024,648; Dec. 17.

- Kistinger, Emil, Trier-on-the-Mosel, Germany. Apparatus for producing hollow aluminum boot-trees by tip casting. 2,000,449; May 7.
- Kistner, Herman H., Baltimore, Md. Piston. 2,002,606; May 28.
- Kitchen Aid Manufacturing Company, The. (See Geiger, Russell C., assignor.)
- Kitchen Aid Manufacturing Company, The. (See Johnston, Herbert L., assignor.)
- Kitchen Aid Manufacturing Company. (See Johnston, H. L. and Meeker, assignors.)
- Kitchen, Charles C., Toledo, Ohio, assignor to Remington Rand Inc., Buffalo, N. Y. Index and signal. 2,005,977; June 25.
- Kitchen, George P., Hays, Kans. Selective gear ratio drive mechanism for motor vehicles. 1,995,988; Mar. 26.
- Kitchen, Harry E., assignor to Farrel-Birmingham Company, Inc., Buffalo, N. Y. Gear cutting machine. 1,996,380; Apr. 2.
- Kitchen Maid Corporation, The. (See Reed, Meredith A., assignor.)
- Kitchin, John, Rochester, N. Y. Glare shield. 2,020,033; Nov. 5.
- Kitroser, Isaac, Paris, France, assignor to Keller-Dorian Colorfilm Corporation, New York, N. Y. Apparatus for eliminating moiré effects. 1,987,113; Jan. 8.
- Kitroser, Isaac, assignor to Keller-Dorian Colorfilm Corporation, New York, N. Y. Goffering machine and heating apparatus therefor. 2,008,395; July 16.
- Kitson Company. (See Lovekin, Luther D., assignor.)
- Kitson Company. (See Lovekin, L. D., and LeGorre, assignors.)
- Kitson Company. (See Werring, Francis W., assignor.)
- Kittell, Julius C., San Pedro, Calif., assignor to Kittell Vacuum Muffler Co., Inc. Engine muffler. 2,023,024; Dec. 3.
- Kittell Vacuum Muffler Co. (See Kittell, Julius C., assignor.)
- Kjrtlsen, Coom, Lille Trag near Porsgrunn, Norway. Transmission for transmitting power at different speed ratios from a driver shaft to a driven shaft. 2,001,141; May 14.
- Kittleston, Henry O., Milan, Minn. Load handling apparatus. 2,001,253; May 14.
- Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,986,976; Jan. 8.
- Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,999,696; Apr. 30.
- Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,003,085; May 28.
- Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,017,905; Oct. 22.
- Kittredge, Arthur E., Haddon Heights, N. J., assignor to Cochrane Corporation, Philadelphia, Pa. Multiple spray nozzle. 1,996,159; Apr. 2.
- Kittredge, Harvey G. (See Turner, A. J., and Kittredge.)
- Kittredge, Harvey G., assignor, by mesne assignments to The Kay & Ess Chemical Company, Dayton, Ohio. Waterproofing and polishing compound for wood. 1,989,170; Jan. 29.
- Kittredge, Harvey G., assignor to The Kay & Ess Chemical Corporation, Dayton, Ohio. Waterproofing and polishing compound for wood. 1,991,752; Feb. 19.
- Kittredge, Harvey G., assignor to The Kay & Ess Chemical Corporation, Dayton, Ohio. Waterproofing and polishing compound for wood. 1,992,010; Feb. 19.
- Kittredge, Lee H., Superior, Wis. Storage battery. 2,007,896; July 9.
- Kitzman, George G., assignor to Monad Corporation, Chicago, Ill. Elastic power transmission link. 2,012,012; Aug. 20.
- Kitzmiller, William R., assignor to Frick Company, Waynesboro, Pa. Defrosting system. 2,001,027; May 14.
- Kitzmiller, William R., assignor to Frick Company, Waynesboro, Pa. Defrosting system. 2,001,028; May 14.
- Kizer, Howard W., South Orange, N. J., assignor to The Texas Company, New York, N. Y. Stream-lined automotive vehicle. 2,006,924; July 2.
- Kjaer, Viggo A., Copenhagen, Denmark. Resilient coupling. 2,002,115; May 21.
- Kjellgren, Bengt. (See Sawyer, C. B., and Kjellgren.)
- Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Brake rigging. 1,998,323; Apr. 16.
- Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Lateral restraint device. 2,014,970; Sept. 17.
- Klaas, Gustave P., San Gabriel, Calif., assignor to C. F. Braun & Co., Inc. Twin by-pass valve. 1,999,505; Apr. 30.
- Klazes, Reynold E., and W. A. Flumerfelt, assignors to The Columbus Auto Parts Company, Columbus, Ohio. Ball joint. 2,018,365; Oct. 22.
- Klahn, Emil, Vern Vernon, N. J. Thermostatically operated electrical device. 2,005,549; June 18.
- Klaiber, Erich, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Dynamo electric machine. 1,998,409; Apr. 16.
- Klamer, John H., and E. Nyborg, Brooklyn, N. Y. Clothes-line. 1,990,235; Feb. 5.
- Klamp, Paul, assignor to The Timken Roller Bearing Company, Canton, Ohio. Combined work feeding and holding device. 2,020,320; Nov. 12.
- Klappauf, Ali F., Chicago, Ill. Electric machine. 2,006,172; June 25.
- Klar, Reinhold, assignor to the firm Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,014,137; Sept. 10.
- Klarermann, Emil, Jersey City, assignor to Lehn & Fink, Inc., Bloomfield, N. J. Mono-alkyl-chloro-phenols. 2,010,595; Aug. 6.
- Klarer, Josef. (See Mietzsch, F., and Klarer.)
- Klas, Heinrich. (See Tichy, G., and Klas.)
- Klaudt, Helmut R., Chicago, Ill. Shelf support. 2,010,596; Aug. 6.
- Klaus, Rudolf. (See Riess, K., Knodel, and Klaus.)
- Klaus, Karl, Appleton, Wis. Punch. 2,018,366; Oct. 22.
- Klausmeyer, David C., deceased, by H. Henry Sundermann, executor, and A. M. Sosa, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Co-ordinated electric head and column clamp. 1,992,311; Feb. 26.
- Klausmeyer, David C., deceased, by H. H. Sundermann, executor, and A. M. Sosa, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Single lever feed control. 1,993,742; Mar. 12.
- Klausmeyer, David C., deceased, Hyde Park, by H. H. Sundermann, executor, assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Interlocked propelling and clamping means for mobile drills. 2,020,785; Nov. 12.
- Klausmeyer, David C., deceased, Cincinnati, Ohio, by H. H. Sundermann, executor, assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Discriminating clamp actuating mechanism. 2,022,355; Nov. 26.
- Klawns, Harry I., Chicago, Ill. Mop stick and head. 2,025,111; Dec. 24.
- Kleckner, Arthur C., assignor to Webster Electric Company, Racine, Wis. Multistage pump and pumping system. 2,009,137; July 23.
- Kleckner, Arthur C., Racine, assignor to Webster Electric Company, Racine, Wis. Strainer. 2,023,423; Dec. 10.
- Kleckner, Arthur C., and H. E. Fellows, assignors to Webster Electric Company, Racine, Wis. Pressure responsive valve. 1,999,697; Apr. 30.
- Kleckner, Arthur C., and H. E. Fellows, assignors to Webster Electric Company, Racine, Wis. Pressure responsive valve. 1,999,698; Apr. 30.
- Kleeman, Richard D., Schenectady, N. Y., assignor to General Electric Company. Synthetic resin. 2,019,349; Oct. 29.
- Kleemeyer, Gertrude H., Chicago, Ill. Rack. 1,988,598; Jan. 22.
- Kleen-Kap Corporation. (See Kempe, J. G., and Lakso, assignors.)
- Klees, Albert L., assignor to Combustion Utilities Corporation, New York, N. Y. Heating process and apparatus. 2,003,943; June 4.
- Kleffman, John, Hubbing, Minn. Trap. 1,987,831; Jan. 15.
- Klegman, Charles S., Detroit, Mich. Safety razor. 2,001,198; May 14.
- Kleimnighagen, Karl C., assignor to Carus Chemical Co., Inc., La Salle, Ill. Manufacturing quinhydrone. 1,987,148; Jan. 8.
- Klein, August L., assignor to Blatz Brewing Company, Milwaukee, Wis. Device for tapping kegs. 2,017,365; Oct. 15.
- Klein, Benno L., assignor to H. D. Hudson Manufacturing Company, Hastings, Minn. Sprayer. 2,006,898; July 2.
- Klein, Bernard G., Chicago, Ill. Dispensing receptacle. 2,008,454; July 16.
- Klein, Chris J. (See Shaw, H. A., and Klein.)
- Klein, Conrad, Philadelphia, Pa. Laundry wringer. 1,988,320; Jan. 15.
- Klein, David H., Memphis, Tenn. Massaging device. 2,014,022; Sept. 10.
- Klein, Eva, Brooklyn, N. Y. Corset. 2,026,473; Dec. 31.
- Klein, Frederick, College Point, N. Y. Endless film unit. 1,991,394; Feb. 19.
- Klein, Frederick, College Point, N. Y. Cinematic machine. 1,997,642; Apr. 16.
- Klein, Frederick, Glen Rock, N. J., assignor to Sipp-Eastwood Corporation, Paterson, N. J. Control mechanism for warping machines and the like. 2,001,064; May 14.
- Klein, Frederick, Glen Rock, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Swift. 2,010,866; Aug. 13.
- Klein, Frederick, Glen Rock, N. J., assignor to Warp Twisting-In Machine Company, Brooklyn, N. Y. Controlling mechanism for warp uniting machines. 2,017,211; Oct. 15.
- Klein, Frederick, Glen Rock, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Winding machine. 2,018,497; Oct. 22.
- Klein, Frederick L., Hartford, assignor of one-half to H. H. Graves, Athol, Mass. Burner. 2,025,458; Dec. 24.
- Klein, George. (See Anable, F. M., and Klein.)
- Klein, Gustav, Mannheim, and K. Tauboeck, Ludwigshafen-on-the-Rhine, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Production of pure lecithin. 2,013,804; Sept. 10.
- Klein, Hans. (See Kaehler, H., and Klein.)

- Klein, Hans, Mannheim, and C. Pfandlner Oppau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of methyl chloride. 2,026,131; Dec. 31.
- Klein, Harry H., New York, N. Y. Hair curler. 1,989,991; Feb. 5.
- Klein, Harry H., New York, N. Y. Hair curler. 2,004,760; June 11.
- Klein, Henry, & Co. Inc. (See Keller, R., and Carney, assignors.)
- Klein, Hugo. (See Teichmann, C. F., Klein, and Rathemacher.)
- Klein, Ludwig, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Manufacturing tubes and pipes. 2,010,400; Aug. 6.
- Klein, Mathias, & Sons. (See O'Russa, Lorence, assignor.)
- Klein, Matthew C., Milwaukee, Wis. Binder. 2,007,763; July 9.
- Klein, Maurus, Berlin, Friedrichshagen, Germany. Manufacture of electric cables. 2,001,065; May 14.
- Klein, Maximilian, assignor to United States Gauge Company, Sellersville, Pa. Pressure gauge. 2,002,950; May 28.
- Klein, Paul and F. Gabor, Budapest, Hungary, assignor to American Anode Inc., Akron, Ohio. Production of shaped objects from aqueous dispersions of organic substances. 1,996,073; Apr. 2.
- Klein, Robert, Brooklyn, assignor to Bell Cap Company, New York, N. Y. Ventilated engineer's cap. 2,004,913; June 11.
- Klein, Schanzlin & Becker Aktiengesellschaft. (See Martyn, E., and Obenaus, assignors.)
- Klein, Silard, New York, N. Y. Hot water heater. 2,017,251; Oct. 15.
- Klein, Stanley J., New York, N. Y., assignor to Empire Box Corporation, Chicago, Ill. Collapsible box. 2,006,952; July 2.
- Klein, Victor G., assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,026,132; Dec. 31.
- Klein, Walter, Cologne-on-the-Rhine, Germany. Manufacturing boxes from wood and box. 2,023,687; Dec. 10.
- Kleineberg, Paul E., Easton, Pa., assignor, by mesne assignments, to T. W. & C. B. Sheridan Company. Book trimming machine. 2,017,462; Oct. 15.
- Kleineberg, Paul E., Easton, Pa., assignor to T. W. & C. B. Sheridan Company, New York, N. Y. Gathering machine. 2,020,321; Nov. 12.
- Kleiner, Israel S., Brooklyn, N. Y. Composition for preventing silver from tarnishing. 1,985,900; Jan. 1.
- Kleiner, Joseph, Phillipsburg, N. J. Red Bottom. 2,010,728; Aug. 6.
- Kleinert, I. B., Rubber Company. (See Hansen, Paul, assignor.)
- Kleinert, I. B., Rubber Company. (See Simon, Max, assignor.)
- Kleinert, I. B., Rubber Company. (See Young, Philip E., assignor.)
- Kleinfelder, Walter C., Rosebank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Flow indicator. 2,004,611; June 11.
- Kleinknecht, William J. (See Hopkins, R. M. and Kleinknecht.)
- Kleinknecht, William J. (See Hopkins, R. M., Kleinknecht, and Whiteman.)
- Kleinman, Jacob L., New York, N. Y. Racket. 2,023,843; Dec. 10.
- Kleinman, Jacob L., New York, N. Y. Tennis set. 2,023,844; Dec. 10.
- Kleinmann, Ernst, and A. Mendel, Berlin-Lichtenberg, Germany. Method and apparatus for the manufacture of electrical contact plugs. 2,004,555; June 11.
- Kleinschmidt, Edward E., Highland Park, assignor to Teletype Corporation, Chicago, Ill. Pneumatic signaling system. 1,998,993; Apr. 23.
- Kleinschmidt, Edward E., Park Ridge, and L. M. Potts, Evanston, assignors, by mesne assignments, to Teletypesetter Corporation, Chicago, Ill. Keyboard perforator and counter. 2,000,029; May 7.
- Kleinschmidt, Edward E., H. L. Krum and L. M. Potts, assignors to Teletype Corporation, Chicago, Ill. Selective signaling system and apparatus. 2,010,158; Aug. 6.
- Kleinschmidt, Edward E., Highland Park, and L. M. Potts, Evanston, assignors to Teletype Corporation, Chicago, Ill. Keyboard perforator and counter. 2,021,419; Nov. 19.
- Kleinschmidt, Edward F., assignor to Teletype Corporation, Chicago, Ill. Facsimile printing telegraph system and apparatus. 2,000,083; May 7.
- Kleinschmidt, Robert V., Arlington, assignor to Arthur D. Little, Incorporated, Cambridge, Mass. Process and apparatus for promoting chemical reactions in the electrical discharge. 2,023,637; Dec. 10.
- Kleinschmit, Oscar, and R. Klemm, assignors to Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Sheet-handling device in book-stitching machines. 1,994,613; Mar. 19.
- Kleinschmit, Oscar, and R. Klemm, assignors to Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Method of and mechanism for the severance of threads. 1,997,148; Apr. 9.
- Kleinschmit, Oscar, and W. Geissler, assignors to Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Method of and apparatus for opening the signatures fed to a signature-handling machine. 1,997,368; Apr. 9.
- Kleinschmit, Oscar, and O. Müller, assignors to Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Sheet feed device. 2,014,181; Sept. 10.
- Kleinschmit, Oscar, and O. Müller, assignors to Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Automatic sheet handling arrangement in stitching machines. 2,017,282; Oct. 15.
- Kleinschmit, Oscar, and W. Geissler, Leipzig-Plagwitz, Germany, assignors to Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Method of and apparatus for feeding signature handling machines. 2,020,068; Nov. 5.
- Kleinschmit, Oskar, W. Geissler, and W. A. Schmidt, Leipzig-Plagwitz, Germany, assignors to Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Apparatus for feeding sheets to folding machines. 2,023,531; Dec. 10.
- Kleist, Herman W., assignor to Dole Refrigerating Machine Company, Chicago, Ill. Refrigerator. 2,001,199; May 14.
- Kleist, Walter, assignor to the firm Otto Perutz, Trockenplatten-fabrik München G. m. b. H. Munich, Germany. Developing photographic images with conversion from negative to positive. 2,006,834; July 2.
- Klema, Joseph N., Auscinn, Minn. Figure sign. 2,012,468; Aug. 27.
- Klemm, Rudolf. (See Kleinschmit, O., and Klemm.)
- Klemme, Maurice G., assignor to Eagle Foundry Company, Belleville, Ill. Gas burner. 2,024,693; Dec. 17.
- Klemme, Maurice G., assignor to Eagle Foundry Company, Belleville, Ill. Cooking stove. 2,025,210; Dec. 24.
- Klemmer, Edward H. (See LeVesconte, L. B., and Klemmer.)
- Klemmer, Edward H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Relaying system. 2,005,144; June 18.
- Klemp, William J., Maplewood, assignor to K. Oswald, Newark, N. J. Bag frame and making it. 2,006,925; July 2.
- Klemperer, Hans, New York, N. Y., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric welding control system. 1,995,810; Mar. 26.
- Klemperer, Wolfgang B., Silver Lake, assignor to Goodyear-Zeppelin Corporation, Akron, Ohio. Girder. 1,994,716; Mar. 19.
- Klemperer, Wolfgang B., assignor to Goodyear-Zeppelin Corporation, Akron, Ohio. Recording micrometer gage. 2,014,357; Sept. 10.
- Klempf, Walter, assignor to Gesellschaft für Kohlentechnik mit, Beschränkter, Haftung, Dortmund-Eving, Germany. Separating hydrocyanic acid. 2,008,253; July 16.
- Klencke, Hans, and M. Sachs, Frankfurt-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Oscillating furnace. 2,019,912; Nov. 5.
- Klett, Fred F., Jersey City, N. J., assignor to Radio Corporation of America. Capsule making machine. 2,000,234; May 7.
- Klicka, Rudolph, Pittsburgh, Pa. Dental apparatus. 1,990,550; Feb. 12.
- Klie, Frank H., Chicago, Ill. Flexible fan handle. 1,994,105; Mar. 12.
- Klie, Wilhelm, assignor to Deutsche Werke Kiel Aktiengesellschaft, Kiel, Germany. Process of and apparatus for filling cracks and crevices. 1,987,626; Jan. 15.
- Klie, Wilhelm, assignor to Deutsche Werke Kiel Aktiengesellschaft, Kiel, Germany. Filling in concrete, rocks, and the like. 1,987,958; Jan. 15.
- Kliefoth, Max H., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Indurating clay and product formed therefrom. 2,000,338; May 7.
- Kliegl Bros. Universal Electric Stage Lighting Co., Inc. (See Kliegl, John H., assignor.)
- Kliegl Bros. Universal Electric Stage Lighting Co., Inc. (See Kliegl, Joseph, assignor.)
- Kliegl, John H., assignor to Kliegl Bros. Universal Electric Stage Lighting Co., Inc., New York, N. Y. Disappearing footlight. 1,991,615; Feb. 19.
- Kliegl, Joseph, Queens, assignor to Kliegl Bros. Universal Electric Stage Lighting Co., Inc., New York, N. Y. Spotlight and lamp support therefor. 2,014,573; Sept. 17.
- Kliesrath, Victor W. (See Bragg, C. S., and Kliesrath.)
- Kliesrath, Victor W., South Bend, Ind., assignor to The Steel Wheel Corporation, Chicago, Ill. Vehicle. 2,007,202; July 9.
- Kliesrath, Victor W., South Bend, Ind., assignor to The Steel Wheel Corporation, Chicago, Ill. Vehicle. 2,015,682; Oct. 1.
- Kliesrath, Victor W., South Bend, Ind., assignor to The Steel Wheel Corporation, Chicago, Ill. Control. 2,018,023; Oct. 22.
- Kliesrath, Victor W., South Bend, Ind., assignor to The Steel Wheel Corporation, Chicago, Ill. Vehicle. 2,019,139; Oct. 29.
- Kliesrath, Victor W., assignor to Bendix Aviation Corporation, South Bend, Ind. Wheel. 2,022,041; Nov. 26.
- Kliesrath, Victor W., and R. P. Breese, South Bend, Ind., assignors to The Steel Wheel Corporation, Chicago, Ill. Internal combustion engine. 2,019,138; Oct. 29.
- Klimsza, John A., Hamtramck, Mich. Imitation brick siding. 1,986,829; Jan. 8.
- Klin, Edwin J., Chicago, Ill. Golf club measuring device. 2,020,193; Nov. 5.
- Kline, Emil, Buffalo, and H. W. Barlow, Kenmore, assignors to Du Pont Rayon Company, New York, N. Y. Composition of matter and producing same. 2,012,232; Aug. 20.

Kline, Herbert J., Jackson, Mich., assignor to Automotive Fan & Bearing Co. Brake clearance adjuster. 1,991,159; Feb. 12.

Kline, J. Alexander. (See McClelland, John, assignor.)

Kline, John E. G., Grosse Pointe Farms, assignor to Hutto Engineering Company Inc., Detroit, Mich. Grinder or hone for cylindrical surfaces. 1,998,460; Apr. 23.

Kline, Joseph E., Alpena, Mich. Oil filter and cooler. 1,989,598; Jan. 29.

Kling, André J., and J. M. F. D. Florentin, assignors to Societe des Carburants Synthetiques, Paris, France. Hydrogenation process. 1,999,363; Apr. 30.

Kling, Charles, et al. (See Esterling, William M., assignor.)

Kling, Elmer M., Newton Center, Mass. Changeable display device. 2,012,469; Aug. 27.

Kling, Ferdinand R., New York, N. Y. Embossing hats. 1,993,673; Mar. 5.

Kling, Fred E., Youngstown, Ohio. Rotary shears. 2,017,366; Oct. 15.

Kling, Herman, Plainfield, and R. C. Collins, Westfield, N. J. Concrete and cementitious pavement slab. 1,991,931; Feb. 19.

Kling, Ida M., et al. (See Esterling, William M., assignor.)

Klingberg, Einar G., Long Island City, assignor to Inter-type Corporation, Brooklyn, N. Y. Mold wheel adjusting device. 1,992,918; Feb. 26.

Klinge, Herman F., Worcester, Mass., assignor to Landis Tool Company, Waynesboro, Pa. Automatic multiple crank-pin grinding machine. 2,014,768; Sept. 17.

Klingelhofer, William C. (See Kniskern, W. H., and Klingelhofer.)

Klingenberg, Hugo. (See Vierling, K., Schmißing, and Klingenberg.)

Klingenfuss, Max, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. 4-alkyl- and 4-alkyldihydroresorcinols and process for the manufacture of same. 2,018,213; Oct. 22.

Klinger, Karl, Gumpoldskirchen, near Vienna, Austria, assignor to Naamloze Vennootschap Irma Industrie en Ruwmaterialen Maatschappij, Rotterdam, Netherlands. Packing plate with screen lining and manufacturing same. 2,001,616; May 14.

Klingler, Ira C., Elkhart, Ind. Tool handle. 1,994,522; Mar. 19.

Klingsporn, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Piezo-electric cell. 2,024,737; Dec. 17.

Klinkert, Leonard, Eindhoven, Netherlands, assignor to Radio Corporation of America. Making grid electrodes. 2,002,148; May 21.

Klinkhamer, Hendrik A. W. (See Bol, C., and Klinkhamer.)

Klinkhamer, Hendrik A. W., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Transformer for the conversion of polyphase currents. 2,001,465; May 14.

Klinkhamer, Hendrik A. W., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Regulating choke coil. 1,994,953; Mar. 19.

Klinkhamer, Hendrik A. W., A. de Bruin, and F. H. A. van Stekelenburg, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge device. 1,990,190; Feb. 5.

Klinkhamer, Hendrik A. W., Aart de Bruin, and F. H. A. van Stekelenburg, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge device. 2,020,786; Nov. 12.

Klocke, William, Brooklyn, N. Y. Folding shower booth. 1,990,871; Feb. 12.

Klocke, William, Woodhaven, N. Y. Adjustable stroke press. 1,998,242; Apr. 16.

Klocke, William, Woodhaven, N. Y. Adjustable stroke press. 2,013,468; Sept. 3.

Klocke, William, Woodhaven, N. Y. Clutch mechanism. 2,014,234; Sept. 10.

Klocke, William, Woodhaven, N. Y., and L. H. Carter, Cleveland, Ohio. Fluid controlled clutch and brake mechanism for presses and other machinery. 2,023,597; Dec. 10.

Klocke, William H. (See Pinney, H. H., and Klocke.)

Klohs, Lena M., Cincinnati, Ohio. Infant's thumb or finger guard. 1,990,384; Feb. 5.

Kloht, Ernest, New York, N. Y. Longitude position finder. 2,006,809; July 2.

Klopf, William H. (See Ammerman, J. W., Barker, Klopfer and Manss.)

Klopsteg, Paul E., Chicago, Ill. Gauge. 1,993,063; Mar. 5.

Klopsteg, Paul E., Chicago, Ill., assignor to Central Scientific Company. Linear expansion apparatus. 1,992,219; Feb. 26.

Klopsteg, Paul E., Chicago, Ill., assignor to Central Scientific Company. Displacement and acceleration apparatus. 2,024,230; Dec. 17.

Klopsteg, Paul E., Chicago, Ill., assignor to Central Scientific Company. Apparatus for studying acceleration. 2,024,231; Dec. 17.

Klopstock, Heinrich, Aussig-on-the-Elbe, and A. Wurbs, Bokau, Czechoslovakia. Making neutral calcium hypochlorite which can be satisfactorily filtered. 2,007,429; July 9.

Klos, Adam, Baltimore, Md. Shoe finishing machine. 2,006,953; July 2.

Klosky, Simon, Roselle, assignor to The American Agricultural Chemical Company, Newark, N. J. Mineral concentration. 1,996,021; Mar. 26.

Kloss, Athniet, Scobey, Mont. Making cereal coffee. 2,000,450; May 7.

Kloss, Vitalis M., Minneapolis, Minn. Cap or closure for milk bottles. 2,021,662; Nov. 19.

Klosterman, Joseph J., Dayton, assignor, by mesne assignments to The Hobart Manufacturing Company, Troy, Ohio. Scale. 2,006,864; July 2.

Klotz, Ernst. (See Steimel, K., and Klotz.)

Klotz, Ernst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiver volume control. 1,992,433; Feb. 26.

Klörz, Ernst, and R. Rechnitzer, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplifying arrangement. 2,024,582; Dec. 17.

Klotz, Henry O., Bethel, assignor to The Redding Marble Company, New Haven, Conn. Precast concrete joist and slab construction. 2,004,991; June 18.

Klotz, Jacob, New York, N. Y. Utility bag. 2,010,267; Aug. 6.

Klotz, Otto H., Philadelphia, Pa. Automatic vacuum creator or air eliminator. 2,013,613; Sept. 3.

Klotzman, Aaron, Baltimore, Md. Atomizer. 2,009,932; July 30.

Kluck, Edward, and A. Genzman, Rocky Ridge, Ohio. Soil conditioning machine. 2,010,458; Aug. 6.

Kludas, Herman, Palisades Park, N. J. Aviation game. 1,992,218; Feb. 26.

Kluge, Abel and E., assignors to Brandtjen and Kluge, Inc., St. Paul, Minn. Sheet magazine for printing presses. 1,994,652; Mar. 19.

Kluge, Abel and E., St. Paul, assignors to Brandtjen and Kluge, Inc., St. Paul, Minn. Inking mechanism for printing presses. 2,002,032; May 21.

Kluge, Eneval. (See Kluge, Abel and E.)

Klüger, Leo, Vienna, Austria. High speed turning bit, milling tool, and similar tool, and manufacturing the same. 1,991,805; Feb. 19.

Klugh, Bethune G., Birmingham, Ala., assignor to Swann Fertilizer Company. Producing concentrated fertilizer. 1,989,756; Feb. 5.

Klugh, Bethune G., Birmingham, Ala., assignor to Swann Fertilizer Company. Breaker for elongated material. 1,994,102; Mar. 5.

Klugh, Bethune G., Birmingham, Ala., assignor to Swann Fertilizer Company. Screen. 2,009,624; July 30.

Klugh, Bethune G., Birmingham, Ala., assignor to Swann Fertilizer Company. Extruder and method of extruding. 2,011,055; Aug. 13.

Kluitmann, Leo, Dusseldorf, Germany. Rotary duplicator. 2,002,321; May 21.

Klussmann, Frieda. (See Bordás, Ethel, assignor.)

Klyce, William H., Jr., Detroit, Mich. Ice cube tray. 2,011,289; Aug. 13.

Klyczek, Joseph A. (See La Corte, A., Modzelewski, and Klyczek.)

Knabner, Albert. (See Richter, J., and Knabner.)

Knapp, Andrew S., Belleville, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo. Adjustable thumb rest for sadirons. 2,024,371; Dec. 17.

Knapp, Andrew S., Belleville, Ill., and F. J. Stevens, Chattanooga, Tenn., assignors to Knapp-Monarch Company, Belleville, Ill. Heating element construction. 2,014,001; Sept. 10.

Knapp, Archer L., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,989,368; Jan. 29.

Knapp, Archer L., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,022,423; Nov. 26.

Knapp, Bernard, Kansas City, Mo. Aeroplane sign. 2,001,200; May 14.

Knapp Brothers Manufacturing Company. (See Knapp, George A., assignor.)

Knapp, David E., Beacon, N. Y. Screen and making the same. 2,020,787; Nov. 12.

Knapp, George, St. Louis County, Mo., assignor to Certain-teed Products Corporation, New York, N. Y. Covering for surfaces exposed to the weather. 2,000,030; May 7.

Knapp, George A., assignor to Knapp Brothers Manufacturing Company, Chicago, Ill. Composite ground. 1,996,114; Apr. 2.

Knapp, Harold D., Merchantville, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Telephone sound reproducer. 2,000,523; May 7.

Knapp, John F., Oakland, Calif., assignor to American Tractor Equipment Corporation. Vehicle construction. 2,022,916; Dec. 3.

Knapp, Leland G., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Valve mounting for refrigerator compressors. 2,020,508; Nov. 12.

Knapp, Leland G., assignor to Montgomery Ward & Company Incorporated, Chicago, Ill. Valve mounting for refrigerator compressors. 2,020,509; Nov. 12.

Knapp, Leland G., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Egg turning tray. 2,022,723; Dec. 3.

Knapp-Monarch Company. (See Derringer, Percy O., assignor.)

Knapp-Monarch Company. (See Knapp, Andrew S., assignor.)

- Knapp-Monarch Company. (See Knapp, A. S., and Stevens, assignors.)
- Knapp-Monarch Company. (See Newnham, Eugene, assignor.)
- Knapp-Monarch Company. (See Smith, John E., assignor.)
- Knapp, Robert T., Altadena, assignor of one-third to R. A. Riek and one-third to F. O. Riek, Los Angeles, Calif. Rotary machine. 2,020,611; Nov. 12.
- Knapp, Walter, Lancaster, Pa. Tool holder. 2,022,288; Nov. 26.
- Knapp, Walter, Lancaster, Pa. Tool holder. 2,022,289; Nov. 26.
- Knapper, Irving, Ossining, N. Y. Ignition and steering lock. 2,006,104; June 25.
- Knapp-Monarch Company. (See Woodley, Joseph, assignor.)
- Knaus, Nicholas, Newark, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 1,987,196; Jan. 8.
- Knaus, Nicholas, Newark, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Crank driven mechanism. 1,991,945; Feb. 19.
- Knauss, John B., Sr., Portsmouth, Ohio. Heater. 2,025,594; Dec. 24.
- Knebusch, Walter F., Cleveland, and F. F. Hillix, Lakewood, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Means for sealing reels. 2,023,477; Dec. 10.
- Kneeland, Herbert D., Dundalk, Md. Dish or pan lifter. 2,002,149; May 21.
- Kneer, Francis J., Williamsfield, Ill. Combination funnel and measure. 2,024,168; Dec. 17.
- Kneibler, Arthur R., assignor to Coopers, Inc., Kenosha, Wis. Undergarment. 2,012,879; Aug. 27.
- Kneibler, Arthur R., Kenosha, assignor to Coopers Inc., Kenosha, Wis. Undergarment. 2,019,140; Oct. 29.
- Kneip, Alex, Frankfurt-on-the-Main-Hochst, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Glass articles, provided with designs. 2,023,175; Dec. 3.
- Knell, John, assignor to All-Steel-Equip Company, Aurora, Ill. Outlet box and cable clamp. 2,000,850; May 7.
- Knell, John, assignor to All-Steel-Equip Company, Aurora, Ill. Outlet box. 2,000,851; May 7.
- Knell, John, assignor to All-Steel-Equip Company, Aurora, Ill. Outlet box and hanger bar. 2,023,083; Dec. 3.
- Knerr, Horace C. (See Smith, N. B., Berry and Knerr.)
- Knickerbocker, George S., and C. B. Rapp, Wayzata, assignors of thirty per cent to J. G. Bennett, Minneapolis, Minn. Post box construction. 1,990,333; Feb. 5.
- Knies, Daniel, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Sand conditioning apparatus. 2,020,034; Nov. 5.
- Kniesner, William T., Bronxville, N. Y. Attachment for doors. 2,016,862; Oct. 8.
- Kniffen, Hiram W., deceased, Chatham, Ontario, by M. A. Kniffen, executrix, and W. T. Crackel, Chatham, Ontario, Canada, said Crackel assignor to said M. A. Kniffen. Feed mixer. 1,997,301; Apr. 9.
- Kniffen, Meta A., executrix. (See Kniffen, H. W., and Crackel.)
- Knight, Albert C., Clinton Corners, N. Y. Wall paper. 1,990,701; Feb. 12.
- Knight, Alfred W., et al. (See Fisher, Franklin C., assignor.)
- Knight, Arthur H., Ashton-on-Mersey, England, assignor to Imperial Chemical Industries Limited. Azo dyestuffs and making the same. 2,025,211; Dec. 24.
- Knight, Arthur R., Baltimore, Md. Repairing structural members. 2,016,093; Oct. 1.
- Knight, B. B. & R., Corporation. (See Bulford, Murray N., assignor.)
- Knight, Donald B., Brooklyn, assignor to Electrolux Servel Corporation, New York, N. Y. Absorption refrigerating apparatus. 1,986,638; Jan. 1.
- Knight, Donald B., Brooklyn, assignor, by mesne assignments, to Electrolux Servel Corporation, New York, N. Y. Absorption refrigeration system. 1,994,475; Mar. 19.
- Knight, Donald B., Brooklyn, assignor to Electrolux Servel Corporation, New York, N. Y. Intermittent absorption refrigerating apparatus and method. 2,001,142; May 14.
- Knight, Donald B., Brooklyn, assignor to Electrolux Servel Corporation, New York, N. Y. Intermittent absorption refrigerating apparatus. 2,001,143; May 14.
- Knight, Donald B., assignor to Refrigeration Research Corporation, Brooklyn, N. Y. Boiler return system. 2,011,223; Aug. 13.
- Knight, Donald B., Brooklyn, N. Y., assignor to Electrolux Servel Corporation, New York, N. Y. Evaporator. 2,013,469; Sept. 3.
- Knight, Eugene U. (See Meyers, Walter F., assignor.)
- Knight, Eugene U., Chicago, Ill., assignor to Forbes Lithograph Manufacturing Company, Chelsea, Mass. Display. 1,991,104; Feb. 12.
- Knight, Floyd A., Cedar Rapids, Iowa, assignor to Food Machinery Corporation, San Jose, Calif. Vegetable washer. 1,999,814; Apr. 30.
- Knight, George W. (See Trombeta, P., and Knight.)
- Knight, Henry A., Indianapolis, Ind. Sash pair for windows. 2,014,622; Sept. 17.
- Knight, Ira W., assignor to General Fire Extinguisher Company, Providence, R. I. Thermostatic switch. 1,986,507; Jan. 1.
- Knight, Ira W., assignor to General Fire Extinguisher Company, Providence, R. I. Automatic sprinkler system. 2,022,671; Dec. 3.
- Knight, James L., Erie, Pa., assignor to General Electric Company. Refrigerator cabinet. 1,992,011; Feb. 19.
- Knight, John M., Atlantic Highlands, N. J., assignor to American Car and Foundry Company, New York, N. Y. Gauging device for car tanks. 2,014,739; Sept. 17.
- Knight, Julian G., Brooklyn, N. Y. Outlet or junction box extension. 1,991,160; Feb. 12.
- Knight, Julian G., Brooklyn, N. Y. Electric bushing, fixture stud, etc. 2,013,964; Sept. 10.
- Knight, Julian G., Brooklyn, N. Y. Electric bushing, fixture stud, etc. 2,013,965; Sept. 10.
- Knight, Julian G., Brooklyn, N. Y. Outlet box and the like. 2,016,284; Oct. 8.
- Knight, Nelson M., Brookline, Mass. Paper pulp screening machine. 1,990,288; Feb. 5.
- Knight, Nelson M., Weymouth Heights, Mass. Pulp screening machine. 2,003,150; May 28.
- Knight, Ralph F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Abrading machine. 1,987,832; Jan. 15.
- Knight, Ralph F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Counting device. 2,015,147; Sept. 24.
- Knight, Robert, Seneca Falls, N. Y. X-ray plate and film marker. 2,018,175; Oct. 22.
- Knight, Robert B., and L. Kahn, assignors to The Colorado Bedding Company, Denver, Colo. Cutting table. 2,006,074; June 25.
- Knight, Samuel H., Lancaster, Pa. Pack for parachutes. 1,988,872; Jan. 22.
- Knight, Samuel H., Lancaster, Pa. Holder for parachute pull cords. 1,997,112; Apr. 9.
- Knight, Samuel H., assignor to Follmer, Clogg & Co., Lancaster, Pa. Parachute. 2,019,437; Oct. 29.
- Kniseley, William A., Hunters, Wash. Footwear chain. 1,995,989; Mar. 26.
- Kniskern, Walter H., Prince George County, and W. W. Tuck, Colonial Heights, Va., assignors to Atmospheric Nitrogen Corporation, New York, N. Y. Lubricator pump. 1,995,125; Mar. 19.
- Kniskern, Walter H., Petersburg, Va., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Process and apparatus for dispensing measured quantities of liquefied gas. 2,007,251; July 9.
- Kniskern, Walter H., Petersburg, Va., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Process and apparatus for dispensing measured quantities of liquefied gas. 2,018,857; Oct. 29.
- Kniskern, Walter H., Prince George County, Va., and C. K. Lawrence, Syracuse, assignors to Atmospheric Nitrogen Corporation, New York, N. Y. Composition of matter and its use in the production of fertilizers. 2,022,672; Dec. 3.
- Kniskern, Walter H., Prince George County, Va., and C. K. Lawrence, Syracuse, assignors to Atmospheric Nitrogen Corporation, New York, N. Y. Composition of matter containing fertilizer materials, its preparation and use. 2,022,673; Dec. 3.
- Kniskern, Walter H., Prince George County, Va., and C. K. Lawrence, Syracuse, assignors to Atmospheric Nitrogen Corporation, New York, N. Y. Composition of matter containing urea and nitrates, process for its preparation and use. 2,022,674; Dec. 3.
- Kniskern, Walter H., Prince George County, Va., and L. V. Rohner, Syracuse, assignors to Atmospheric Nitrogen Corporation, New York, N. Y. Ammoniacal composition containing calcium nitrate, its preparation, transportation, and use. 2,022,675; Dec. 3.
- Kniskern, Walter H., Prince George County, Va., and C. K. Lawrence, Syracuse, assignors to Atmospheric Nitrogen Corporation, New York, N. Y. Composition of matter comprising ammonia, urea, and potassium salts, its preparation and use in making fertilizers. 2,022,676; Dec. 3.
- Kniskern, Walter H., Petersburg, Va., and W. C. Klingelhoef, Syracuse, assignors to Atmospheric Nitrogen Corporation, New York, N. Y. Urea composition and method of making and using. 2,022,677; Dec. 3.
- Knisley, Andrew W., Dayton, Ohio. Long range aerial gun sight. 1,989,697; Feb. 5.
- Knitter, Elmer T., San Francisco, Calif. Hot stamp chip printing machine. 2,025,392; Dec. 24.
- Knobel, Max, Arlington, Mass. Clock movement. 2,004,814; June 11.
- Knobel, Peter, assignor to Actiengesellschaft Joh. Jacob Rieter & Cie, Winterthur, Switzerland. Feed regulating device for openers and lappers for cotton or other fibrous materials. 1,998,545; Apr. 23.
- Knoblaugh, Armand F., assignor to The Baldwin Company, Cincinnati, Ohio. Electrical musical instrument. 2,015,363; Sept. 24.
- Knochenhauer, Wolfgang, Wernigerode, Germany. Internal combustion engine. 1,994,915; Mar. 19.
- Knodel, Harry C. (See Baker, W. N., Knodel, and Grimm.)
- Knodel, Adolf. (See Riess, K., Knodel and Klaus.)
- Knoderer, Homer G. (See Carlson, G., and Knoderer.)
- Knoderer, Homer G., Fairfield, Conn., assignor to General Electric Company. Outlet box. 1,987,446; Jan. 8.

- Knoderer, Homer G., Fairfield, Conn., assignor to General Electric Company. Weatherproof armored cable. 2,004,004; June 4.
- Knoderer, Homer G., Fairfield, and G. Carlson, Bridgeport, Conn., assignors to General Electric Company. Machine for manufacturing cable. 1,988,950; Jan. 22.
- Knoepfel, Alwin R., New York, N. Y., assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Method of and apparatus for sealing vitreous bodies. 2,020,729; Nov. 12.
- Knoerzer, Arthur T., assignor to Champion Corporation, Hammond, Ind. Raising and lowering device for potato diggers. 2,019,711; Nov. 5.
- Knoll, Max, Berlin-Lichterfelde, Germany. Cathode ray tube. 1,995,253; Mar. 19.
- Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,002,667; May 28.
- Knoll, Robert. (See Bockmühl, M., and Knoll, assignors.)
- Knoll, Robert. (See Bockmühl, M., Knoll, and Wagner.)
- Knoop, William A., Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Synchronous vibrating relay circuit. 1,990,551; Feb. 12.
- Knoop, William A., Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal relaying circuit. 1,990,552; Feb. 12.
- Knoop, William A., Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Interpolating receiving system. 1,992,220; Feb. 26.
- Knop, Paul H., Maywood, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Easy-opening dredging container. 2,016,966; Oct. 8.
- Knopf, Paul, New York, N. Y. Dial for registers and the like. 2,014,531; Sept. 17.
- Knopp, Otto A., Oakland, Calif. Heating system. 1,994,771; Mar. 19.
- Knorpp, Philip J., Brooklyn, N. Y. Standard for a game. 2,009,625; July 30.
- Knorr-Bremse Aktiengesellschaft. (See Hildebrand, F., and Möller, assignors.)
- Knorr-Bremse Aktiengesellschaft. (See Möller, Ernst, assignor.)
- Knorr-Bremse Aktiengesellschaft. (See Möller, E., and Hildebrand, assignors.)
- Knote, John McB., South River, N. J., assignor to Quigley Company, Inc. Heat resisting panel and making same. 1,987,779; Jan. 15.
- Knott, Arthur J., Natick, Mass. Cleaning implement. 2,007,536; July 9.
- Knott, George A., Washington, D. C. Folding furniture. 2,004,899; June 11.
- Knowland, Richard G., Pelham, N. Y., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Floor covering and making same. 2,012,929; Aug. 27.
- Knowland, Thomas M., Watertown, assignor to Boston Woven Hose and Rubber Company, Cambridge, Mass. Method of and apparatus for vulcanizing rubber articles. 1,998,161; Apr. 16.
- Knowles, Dewey D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrode for a vapor electric device and constructing the same. 2,005,897; June 25.
- Knowles, Dewey D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Indicating small phase differences of interconnected systems. 2,018,268; Oct. 22.
- Knowles, Edwin L., Miami, Fla. Fishing reel. 2,022,042; Nov. 26.
- Knowles, Francis. (See Peck, F. W., and Knowles.)
- Knowles, Harry H. (See Lemmon, G. N., and Knowles.)
- Knowles, Harry H., assignor to Southern States Equipment Co., Birmingham, Ala. Electric circuit breaker. 1,995,126; Mar. 19.
- Knowles, John T., assignor to Libby, McNeill & Libby, Chicago, Ill. Food product and producing same. 2,019,141; Oct. 29.
- Knowles, William H., Hartford, Conn., assignor, by mesne assignments, to General Cap Co. Inc., New York, N. Y. Capper. 2,024,824; Dec. 17.
- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Blank-making. 1,988,451; Jan. 22.
- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Box-making. 1,988,452; Jan. 22.
- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Blank and box made therefrom. 1,988,453; Jan. 22.
- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Coating material. 2,013,056; Sept. 3.
- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Box-part and blank therefor. 2,015,148; Sept. 24.
- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Apparatus for supplying web-material. 2,020,419; Nov. 12.
- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Blank-making machine. 2,022,773; Dec. 3.
- Knowlton, Daniel E., and G. G. Early, Jr., Buffalo, N. Y., assignors to Buffalo Cold Storage Company, Buffalo, N. Y. Preventing pockmarking of dressed poultry. 2,019,756; Nov. 5.
- Knowlton, Fred H., Boston, Mass. Spray head. 1,996,545; Apr. 2.
- Knowlton, Harry N. (See Randall, B. M., and Knowlton.)
- Knowlton, Harry N., South Duxbury, assignor to St. Croix Lumber Company, Boston, Mass. Shipping drum and making it. 2,019,610; Nov. 5.
- Knowlton, Harry W., assignor to Knowlton & Newton Co. Inc., Lowell, Mass. Device for removing dust from air. 2,009,140; July 23.
- Knowlton & Newton Co. Inc. (See Knowlton, Harry W., assignor.)
- Knowlton, Norwood H. (See Ballard, M. H., Bessom, and Knowlton.)
- Knowlton, Norwood H., Rockport, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lubrication of bearings. 2,001,823; May 21.
- Knowlton, Norwood H., Rockport, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for slitting covers attached to heels. 2,005,040; June 18.
- Knowlton, Norwood H., Rockport, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for trimming and molding heel covers. 2,009,553; July 30.
- Knowlton, Norwood H., Rockport, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and apparatus for trimming top lifts of heels. 2,022,772; Dec. 3.
- Knowlton, Theodore E., Watertown, N. Y. Printer's blanket. 2,011,248; Aug. 13.
- Knox, Edward P., Toms River, N. J. Construction projector. 2,017,503; Oct. 15.
- Knox, Granville S., assignor to W. L. Cummings, Los Angeles, Calif. Rodless pump. 2,005,995; June 25.
- Knox, Harry A., Davenport, Iowa. Endless track for vehicles. 2,008,214; July 16.
- Knox, Harry A., Davenport, Iowa, and C. Hiller, Jr., St. Louis, Mo. Suspension for vehicles. 2,011,583; Aug. 20.
- Knox, Harry A., Davenport, Iowa, and C. Hiller, Jr., St. Louis, Mo. Track for track-laying vehicles. 2,015,683; Oct. 1.
- Knox, Harry A., and Baker, B. F., Davenport, Iowa. Power transmission mechanism. 2,014,383; Sept. 17.
- Knox, Horace B., Belleville, assignor to Alfred Hofmann, Inc., West New York, N. J. Knitting machine. 1,994,476; Mar. 19.
- Knox, Horace B., Belleville, assignor to Alfred Hofmann, Inc., West New York, N. J. Stop mechanism. 2,014,574; Sept. 17.
- Knox, Herbert W., Administrator. (See Pelton, George M.)
- Knox, James F., Birmingham, Ala. Beehive. 2,023,959; Dec. 10.
- Knox, John, et al. (See Litten, Ira E., assignor.)
- Knox, Samuel L. G., Englewood, N. J. Excavating machine. 2,015,629; Sept. 24.
- Knox, William H., Jr., Nashville, Tenn., assignor to Victor Chemical Works. Purification of strong phosphoric acid. 2,003,051; May 28.
- Knox, William H., Jr., Nashville, Tenn., assignor to Victor Chemical Works. Manufacture of monocalcium phosphate. 2,018,449; Oct. 22.
- Knox, William H., Jr., Nashville, Tenn., assignor to Victor Chemical Works, Chicago Heights, Ill. Producing lime. 2,021,663; Nov. 19.
- Knudsen, Alfred, Astra (Chubut) Argentina. Apparatus for the distillation of oil. 2,006,273; June 25.
- Knudsen, Carl H., Brooklyn, assignor to Viking Diesel Motor Corporation, New York, N. Y. Internal combustion engine. 2,025,699; Dec. 24.
- Knudson, Arthur, Albany, N. Y., assignor, by mesne assignments to Sun-A-Sured, Inc. Treating foods and product thereof. 2,007,765; July 9.
- Knudson, Earl E., assignor of one-half to S. A. Kollner, St. Paul, Minn. Cable terminal. 1,988,174; Jan. 15.
- Knudson, John, Libby, Mont. Lumber stacker. 1,988,204; Jan. 15.
- Knümann, Hugo, Essen, Germany. Terminal post. 2,011,861; Aug. 20.
- Knust, Leo F., New York, N. Y. Device for teaching card playing. 2,007,055; July 2.
- Knuth, Fred, Council Bluffs, Iowa. Concrete rough box for burial purposes. 2,007,151; July 2.
- Knuth, Fred E., Seward, Nebr. Cultivator shield. 1,987,403; Jan. 8.
- Knutson, Alfred W., Geneseo, Ill. Quilt and rug frame. 2,000,397; May 7.
- Knutson, Carl L., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Filler neck. 1,991,946; Feb. 19.
- Knutson, Carl L., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Making contact devices for radio sockets and the like. 2,004,076; June 4.
- Knutson, Carl L., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Radio and like socket installations. 2,006,739; July 2.
- Knutson, Carl L., Maywood, Ill., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener stud. 2,014,971; Sept. 17.
- Knutson, Irving B., Chicago, Ill., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting machine for punching totals. 1,987,342; Jan. 8.

- Knutson, Irving B., Chicago, Ill., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Punch. 2,016,686; Oct. 8.
- Knuuti, Charles O., Berwyn, and J. S. Stull, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Wire cutting and stripping machine. 1,987,959; Jan. 15.
- Knuutila, Charles A., Newark, N. J. Flower stemming machine. 2,022,043; Nov. 26.
- Knuutila, Charles A., Newark, N. J. Portable dispensing device. 2,026,234; Dec. 31.
- Kobe, Inc. (See Coberly, Clarence J., assignor.)
- Kobe, Kenneth A., Minneapolis, Minn. Lachrymatory gas. 1,993,610; Mar. 5.
- Kobe Seiko-Sho, Ltd. (See Odajima, Shuzo, assignor.)
- Kobe, Thomas R., Los Angeles, Calif. Roofing tile fastener. 2,002,206; May 21.
- Kobelin, Mortimer L. (See Ower, W. W., and Kobelin.)
- Köberich, Rudolf, Berlin-Tegel, Germany, assignor to General Electric Company. Remote control and indicating arrangement. 2,019,350; Oct. 29.
- Kobiolke, Adolf G., Gilderoy, Victoria, and A. W. Fitzpatrick, Yarra Junction, Victoria, Australia. Apparatus for producing vacuum. 2,011,224; Aug. 13.
- Kobzy, Steven, Chicago, Ill. Bearing lubricator. 1,995,208; Mar. 19.
- Kobzy, Steven, Chicago, Ill. Bi-pole induction motor. 2,007,398; July 9.
- Koca, James F. (See Sears, R. W., 2d and Koca.)
- Koch, Arthur A., Beardsley, Minn. Lip stick holder. 2,000,487; May 7.
- Koch, Arthur L., Upper Darby, Pa., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cleaning process. 2,016,376; Oct. 8.
- Koch, Earl L., Chicago, Ill., assignor, by mesne assignments, to Earl L. Koch Holding Corporation, New York, N. Y. Constant frequency oscillator. 2,003,371; June 4.
- Koch, Earl L., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Circuit for audion tubes. 2,007,764; July 9.
- Koch, Earl L., Holding Corporation. (See Koch, Earl L., assignor.)
- Koch, Elizabeth. (See Fulton, A. C., Glass and Koch.)
- Koch, Erich, Ilmenau, Germany, assignor to the firm Rovo A-G., Zurich, Switzerland. Electric glow-discharge vessel. 1,998,371; Apr. 16.
- Koch, Ernst, Frankfurt-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Preparations containing aluminium acetate and aluminium formate. 2,011,292; Aug. 13.
- Koch, Felix, Bellevue, assignor to Pressed Steel Car Company, McKees Rocks, Pa. Car construction. 2,015,802; Oct. 1.
- Koch, Friedrich, Heidelberg, and H. Koch, Mannheim-Rheinau, Germany, assignors to N. V. Internationale Suiker En Alcohol Compagnie, 's-Gravenhage, Netherlands. Obtaining crystallized sugar from wood sugar solutions. 2,008,284; July 16.
- Koch, Hans, Mazedburg-Buckau, Germany. Electric circuit. 1,988,559; Jan. 22.
- Koch, Harold E. (See Hansen, F. A., and Koch.)
- Koch, Heinrich. (See Köpke, L., Wundenberg, Reilensmann, and Koch.)
- Koch, Henry, Jamaica, assignor to Dictograph Products Company, Inc., New York, N. Y. Automatic signal lock and release for switchboards. 2,003,689; June 4.
- Koch, Henry, Jamaica, assignor to Dictograph Products Company, Inc., New York, N. Y. Signal light support. 2,005,863; June 25.
- Koch, Henry L., assignor of one-half to T. Kramer, Milwaukee, Wis. Penstand. 2,009,360; July 23.
- Koch, Hugo. (See Faerber, E., Koch, and Urban.)
- Koch, Hugo. (See Koch, Friedrich, and H.)
- Koch, Louis A., Jr., Louisville, Ky. Automotive electric equipment. 1,988,429; Jan. 15.
- Koch, Louis A., Jr., Louisville, Ky. Generator ventilator. 1,988,430; Jan. 15.
- Koch, Louis A., Jr., Louisville, Ky. Dynamo cooling means. 1,989,139; Jan. 29.
- Koch, Louis A., Jr., Louisville, Ky. Dynamo electric machine. 1,998,087; Apr. 16.
- Koch, Louis A., Jr., Louisville, Ky. External and self cooled generator. 2,021,364; Nov. 19.
- Koch, Lydia B. (See Bodor, A., Koch, and Koch.)
- Koch, Lydia B., New York, N. Y. Bottle and manufacture same. 2,006,143; June 25.
- Koch, Lydia B., New York, N. Y., and A. Bodor, Newark, N. J.; said Bodor assignor to said Koch. Container. 1,985,998; Jan. 1.
- Koch, Melvin B., et al. (See Huebener, M. A., Lehn, Graybill, Zahm and Koch.)
- Koch, Paul H., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Furnace. 2,024,232; Dec. 17.
- Koch, Paul W., Brooklyn, and V. E. Carbonara, Rockville Centre, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Turn indicator. 2,010,191; Aug. 6.
- Koch, Robert, East St. Louis, Ill. Well capping device. 1,999,699; Apr. 30.
- Koch, Roderic M., Evansville, Ind. Handle. 2,006,679; July 2.
- Koch, Theodor, Arnhem, Netherlands, assignor to American Enka Corporation, Enka, N. C. Producing artificial silk from viscose. 1,993,847; Mar. 12.
- Koch, Theodor, and J. G. Weeldenburg, Arnhem, Netherlands, assignors, by mesne assignments, to American Enka Corporation, Wilmington, Del. Manufacture of artificial filaments. 2,014,343; Sept. 10.
- Koch, Victor A. (See Schutzniedrig, Ewald, assignor.)
- Koch, Wilhelm, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Preparing diazonium compounds from 4-aminodiarilamines. 2,013,180; Sept. 3.
- Koch, Wilmer H., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Purification of caustic solutions. 1,997,691; Apr. 16.
- Koch, Winfield R., Camden, N. J., assignor to Radio Corporation of America. One tube radioreceiver. 2,005,789; June 25.
- Koch, Winfield R., Camden, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Signal receiving system. 2,007,399; July 9.
- Koch, Winfield R., Camden, N. J., assignor to Radio Corporation of America. Television system. 2,014,532; Sept. 17.
- Koch, Winfield R., Camden, N. J., assignor to Radio Corporation of America. Quiet automatic volume control system. 2,021,939; Nov. 26.
- Kochendoerfer, Gerd. (See Kunz, M. A., Kochendoerfer and Koeberle.)
- Kochendoerfer, Gerd. (See Kunz, M. A., Kochendoerfer, Maurach, and Limbacher.)
- Kochendoerfer, Gerd. (See Kunz, M. A., Koeberle, and Kochendoerfer.)
- Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Central lubrication. 2,024,233; Dec. 17.
- Kocher, Neil S. (See Dickens, A. W. M., and Kocher.)
- Kochheiser, Ira S., Mansfield, Ohio. Shoe harbor. 1,991,947; Feb. 19.
- Koci, Ludvik J., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Control system. 2,005,586; June 18.
- Koci, Ludvik J., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for making scales. 2,023,596; Dec. 10.
- Kocks, Fritz, Dusseldorf, Germany. Rolling mill having inclined rolls. 1,990,607; Feb. 12.
- Kocks, Fritz, Dusseldorf, Germany. Rolling mill driving means. 2,023,231; Dec. 3.
- Kockums, Meckaniska Verkstads Aktiebolag. (See Eek, Thorleif, assignor.)
- Kocour, Cyril, Chicago, Ill. Treating metal. 1,991,395; Feb. 19.
- Kocour, Emil J., assignor to Sloan Valve Company, Chicago, Ill. Flush valve. 2,007,652; July 9.
- Koda, Tetsuo, Komagome, Hongoku, Tokyo, Japan, assignor to Chemipulp Process, Inc., Watertown, N. Y. Method and apparatus for packing wood chips or the like. 1,998,874; Apr. 23.
- Koda, Tetsuo, Komagome, Hongoku, Tokyo, Japan, assignor to Chemipulp Process, Inc., Watertown, N. Y. Method and apparatus for packing wood chips or the like. 1,998,875; Apr. 23.
- Koeberle, Karl. (See Kunz, M. A., Berthold, and Koeberle.)
- Koeberle, Karl. (See Kunz, M. A., Kochendoerfer, and Koeberle.)
- Koeberle, Karl. (See Kunz, M. A., and Koeberle.)
- Koeberle, Karl. (See Kunz, M. A., Koeberle, and Berthold.)
- Koeberle, Karl. (See Kunz, M. A., Koeberle, and Kochendoerfer.)
- Koeberle, Karl. (See Kunz, M. A., Kränzlein, Koeberle, Corell, Berthold, and Vollmann.)
- Koeberle, Karl, and E. Ploetz, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Producing azanthracene derivatives. 2,003,596; June 4.
- Koebler, Albert H., Irvington, N. J., assignor to The United States Printing & Lithograph Co., New York, N. Y. Merchandising receptacle. 2,006,696; July 2.
- Koehling, Charles D. (See Butz, E. D., and Koehling.)
- Koegel, E. C. (See Ebrite, Arthur P., assignor.)
- Koehl, George J., San Diego, Calif. Shock absorber. 1,996,999; Apr. 9.
- Koehler, Charles, Hartford, Conn. Window lock. 1,992,033; Feb. 19.
- Koehler, Gustave J., Dayton, Ohio. Curtain rod guiding device. 2,024,694; Dec. 17.
- Koehler, Frank A., Portland, Oreg., assignor to Mills Novelty Company, Chicago, Ill. Game. 2,008,357; July 16.
- Koehler Manufacturing Company. (See Wheat, Grant, assignor.)
- Koehler, Maximilian E., Washington, D. C. Antiglare screen. 1,987,259; Jan. 8.
- Koehler, Oscar E., assignor to Greenfield Tap and Die Corporation, Greenfield, Mass. Tapper tap. 2,010,432; Aug. 6.
- Koehler, Oskar, Schwabisch Gmund, Germany. Pull-match package and holder therefor. 2,014,182; Sept. 10.
- Koehn, Edward, Key West, Fla. Water heating attachment for oil stoves. 2,021,556; Nov. 19.
- Koehring Company. (See Lichtenberg, Erich H., assignor.)
- Koehring Company. (See Robb, John F., assignor.)
- Koehring Company. (See Tranaas, Emil L., assignor.)
- Koehring, Roland P. (See Short, C. R., and Koehring.)

- Koelkeskamp, Franz, Wuppertal-Wichlinghausen, Germany, assignor to American Bemberg Corporation, New York, N. Y. Producing artificial silk in the form of spun cakes. 1,996,017; Mar. 26.
- Koelliker, Herman M., Pontiac, Mich., assignor to Baldwin Rubber Company. Blanking machine. 1,993,967; Mar. 12.
- Koelman, George A., assignor to G. E. Dunstan, Cleveland, Ohio. Bevel square. 1,994,023; Mar. 12.
- Koenekamp, Hans F., Los Angeles, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Composite motion picture. 2,004,992; June 18.
- Koenemann, Ernst, and K. Gensch, assignors to Gesellschaft für Drucktransformatoren (Koenemann Transformatoren) G. m. b. H., Berlin, Germany. Evaporator, especially for high pressure steam. 2,004,075; June 4.
- Koenig, Elmer E., Garfield Heights, G. McK. Mills, Cleveland Heights, and W. G. Hult, Cleveland, Ohio. Door construction. 2,013,412; Sept. 3.
- Koenig, Elmer E., Garfield Heights, Ohio, assignor to The Mills Company, Cleveland, Ohio. Knock-down partition assembly. 2,017,212; Oct. 15.
- Koenig, Elmer E., Garfield Heights, and G. M. Mills, Cleveland Heights, assignors to The Mills Company, Cleveland, Ohio. Filler unit. 2,015,754; Oct. 1.
- Koenig, Ernest, Buffalo, N. Y. Automobile signal lamp. 1,987,013; Jan. 8.
- Koenig, Frederick A., et al. (See Pfäging, Charles R., assignor.)
- Koenig, John H. (See Clark, F. M., and Koenig.)
- Koenig, Josef, Uerdingen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of catalysts containing molybdenum and tungsten. 1,998,626; Apr. 23.
- Koenig, Paul, Forchheim, near Karlsruhe, assignor to Tabakforschungsinstitut für das deutsche Reich, Forchheim, Germany. Cultivating tobacco. 1,997,369; Apr. 9.
- Koenig, Werner, assignor to Landis & Gyr, A.-G., Zug, Switzerland. Frequency controlled mechanism. 1,993,888; Mar. 12.
- Koenigkramer, Frank and F., Cincinnati, Ohio. Osteopathic treatment or adjustment device. 2,019,228; Oct. 29.
- Koenigkramer, Frederick. (See Koenigkramer, Frank and F.)
- Koepe, Ernest W., assignor to Black Hawk Sport Shop, Incorporated, Waterloo, Iowa. Locking fish bobber. 1,986,441; Jan. 1.
- Koepp, Rudolph, & Co., Chemische Fabrik A. G. (See Enderli, Max, assignor.)
- Koepp, Rudolph, & Co., Chem. Fabrik A. G. (See Hene, Emil, assignor.)
- Koeppl Industrial Car and Equipment Company. (See Schmohl, A. C., and Asper, assignors.)
- Koeppling, Emil D., Haddon Heights, assignor to Radio Condenser Company, Camden, N. J. Applying a trimming condenser to a main condenser. 2,003,545; June 4.
- Koerding, Paul. (See Ulrich, H., Koerding, and Wahl.)
- Koerner, Charles A. (See Cornell, E. S., and Koerner.)
- Koerner, Lawrence F., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Thermostat compensator. 1,995,355; Mar. 26.
- Kotler, Max, and J. Hirsch, Brooklyn, N. Y. Mitt. 1,990,553; Feb. 12.
- Kofmann, Alfred, & Company. (See Anderson, V., and Trutner, assignors.)
- Kohaneck, Herman, Portland, Oreg. Rug-hooking device. 2,002,401; May 21.
- Koh-I-Noor Bleistiftfabrik L. & C. Hardtmuth. (See Nagy, Nándor, assignor.)
- Kohl, Harry L. (See Kromm, V. O., Kohl, and Courtney de Guere.)
- Kohl, Karl, Erlangen, Germany. Electron tube. 1,991,282; Feb. 12.
- Kohl, Thomas, Wilkes-Barre, Pa. Socket for artificial limbs. 2,002,064; May 21.
- Kohlbeck, Anton J., Muskegon Heights, Mich. Multiple drive automatic clutch. 2,013,889; Sept. 10.
- Kühlen, Hans, Rosslau, near Dessau, assignor to the firm Flotmann Aktiengesellschaft, Herne, Germany. Shank collar for boring, drilling, punching, and like tools, and in appliances for attaching the same. 1,989,171; Jan. 29.
- Kohler, Carl J., Kohler, Wis. Pressure reducing valve. 2,010,088; Aug. 6.
- Kohler, Conrad, Zurich, Switzerland. Insulating material. 1,990,434; Feb. 5.
- Kohler, John F., White Plains, N. Y. Device for feeding plates onto a conveyor. 2,000,761; May 7.
- Kohler, Theodor B., Detroit, Mich. Transmission. 2,010,401; Aug. 6.
- Kohler, Ulrich, assignor to Hasler A.-G., vormals Telegraphenwerkstatt von G. Hasler, Berne, Switzerland. Driving mechanism. 1,988,983; Jan. 22.
- Kohlhaas, Frank J., Calumet, Mich. Apparatus for producing copper and other metal rods and the like. 2,019,496; Nov. 5.
- Kohlhagen, Walter, Waterbury, Conn. Synchronous electric motor. 2,018,676; Oct. 29.
- Kohlhagen, Walter, Waterbury, Conn. Synchronous electric motor and rotor therefor. 2,018,677; Oct. 29.
- Kohlhagen, Walter, Waterbury, Conn. Self-starting synchronous electric motor. 2,019,683; Nov. 5.
- Kohlhoff, Leonard J., Merrill, Wis. Display rack. 2,006,680; July 2.
- Kohm, Christian F., Cranston, assignor to Speidel Corporation, Providence, R. I. Connecting chain links. 2,014,023; Sept. 10.
- Kohman, Girard T., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impregnation of insulating materials. 2,026,316; Dec. 31.
- Kohn, Hans, Stoeften O. A. Geislingen, Germany. Transmission gear. 2,015,638; Sept. 24.
- Kohn, Julius. (See Werner, E., and Kohn.)
- Kohn, Samuel, New York, N. Y. Display device. 1,989,869; Feb. 5.
- Köhnke, Johan F., Haarlem, Netherlands. Pipe coupling for scaffolds and the like. 2,017,626; Oct. 15.
- Kohnstamm, H., & Co. (See Heinz, David E., assignor.)
- Kohnstamm, H., & Co. Inc. (See Phair, R. A., and Lukash, assignors.)
- Kohout, George A., Chicago, Ill. Air regulator for furnaces. 1,989,809; Feb. 5.
- Kohr, Robert F., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,994,823; Mar. 19.
- Kohr, Robert F., assignor to Bendix Brake Company, South Bend, Ind. Brake shaft. 2,006,460; July 2.
- Kohr, Robert F., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,022,044; Nov. 26.
- Kohr, Robert F., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,022,045; Nov. 26.
- Kohut, John, Boonton, N. J. Air conditioning device. 1,994,523; Mar. 19.
- Kohut, Michael J., Elmhurst, N. Y., assignor of one-half to J. L. Sherwood. Window construction. 2,021,604; Nov. 19.
- Koito, Genrokuro, Kyobashi-ku, Tokyo, Japan. Device for charging lamps in an illuminating unit. 1,987,532; Jan. 8.
- Kojima, Kenichi. (See Go, T., Kojima, and Sugihara.)
- Kokanour, Elmer L., Fort Lauderdale, Fla. Article of printer's furniture. 2,002,895; May 28.
- Kokanour, Elmer L., Fort Lauderdale, Fla. Device for casting type bars. 2,014,508; Sept. 17.
- Kokemper, Bernardo, Porto Alegre, Brazil. Pasteurizing and sterilizing device. 2,025,990; Dec. 31.
- Kokofer, Adolph, et al. (See Maas, Frederick J., assignor.)
- Kokoska, John, Cicero, Ill. Parachute. 2,024,456; Dec. 17.
- Kolar, Frank J. (See Price, D. W., and Kellermann, assignors.)
- Kolar, Frank J., South Bend, Ind. Amusement device. 2,006,955; July 2.
- Kolarik, Frank F., Newport Beach, Calif. Rotary centrifugally operated device. 2,024,931; Dec. 17.
- Kolarz, Josef, Rodaun, near Vienna, Austria. Power current transmission within limited districts. 2,021,557; Nov. 19.
- Kolb, George, Scarsdale, N. Y. Tray with handle. 1,997,587; Apr. 16.
- Kolb, George, Scarsdale, N. Y. Combination flatware and under reflecting surface. 1,999,195; Apr. 30.
- Koldalre Utilities Company. (See Van Ike, Lennie B., assignor.)
- Kolimbol, Peter. (See Bowman, Marcus L., assignor.)
- Kolitz, Herman, Fox Lake, Wis. Garment hanger attachment. 2,019,572; Nov. 5.
- Kolkiewicz, Anthony, and M. M. Weinstein, Detroit, Mich. Brake. 1,992,375; Feb. 26.
- Kolkmann, Frederick W., San Francisco, Calif. Vacuum tube tester. 2,021,877; Nov. 19.
- Kollath, Francis C., Chicago, Ill., assignor, by mesne assignments, to Cutler-Hammer, Inc., Milwaukee, Wis. Connector cap. 1,999,020; Apr. 23.
- Kollath, Francis C., Chicago, Ill., assignor, by mesne assignments, to Cutler-Hammer, Inc., Milwaukee, Wis. Connector cap. 2,002,779; May 28.
- Kollath, Francis C., Chicago, assignor of one-half to D. Woodhead, Evanston, Ill. Electric socket and casing. 2,018,134; Oct. 22.
- Kollath, Francis C., Chicago, and D. Woodhead, Evanston, Ill. Electric socket. 1,988,321; Jan. 15.
- Kollek, Leo, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Artificial mass. 1,987,114; Jan. 8.
- Koller, Margaret M., Villa Park, and M. L. Miller, Chicago, assignors of one-third to H. A. Brassert & Co., Chicago, Ill. Treating and purifying sewage. 1,997,302; Apr. 9.
- Kollas, Christ E. (See Cherpas, P. N., and Kollas.)
- Kollner, Slim A. (See Knudson, Earl E., assignor.)
- Kollmorgen, Frederick L. G., Mountain Lakes, N. J. Combination periscope and stadimeter. 1,986,731; Jan. 1.
- Kollman, Paul, Woodhaven, N. Y. Automatic temperature control for fluid mixtures. 1,990,653; Feb. 12.
- Kölm, Ulrich. (See Weinlich, H. A., and Kölm.)
- Kölm, Ulrich, Berlin, Germany, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,019,863; Nov. 5.
- Kölm, Ulrich, Berlin, and A. Köthner, Dresden, Germany, assignors to International Business Machines Corporation, New York, N. Y. Printing punch. 2,013,540; Sept. 3.
- Kolozsy, Louis W. (See Satterlee, F. LeR., and Kolozsy.)

- Kolster, Frederick A., New York, N. Y. Refrigerating system. 1,995,124; Mar. 19.
- Kolster, Frederick A., New York, N. Y., assignor to Federal Telegraph Company, Newark, N. J. High frequency apparatus. 2,019,611; Nov. 5.
- Komadina, George, assignor to one-third to T. Yurcic, and one-third to P. Mervosh, Gallup, N. Mex. Swimming device. 2,017,463; Oct. 15.
- Komarek-Greaves & Company. (See Komarek, Gustav, assignor.)
- Komarek-Greaves and Company. (See Komarek, G., and Chapman, assignors.)
- Komarek, Gustav, assignor to Komarek-Greaves & Company, Chicago, Ill. Briquette-making apparatus. 2,016,639; Oct. 8.
- Komarek, Gustav, and W. J. Chapman, assignors to Komarek-Greaves and Company, Chicago, Ill. Producing solid fuel briquettes. 2,017,402; Oct. 15.
- Komer, Nathan A., assignor to Lockwoven Hosiery Company, St. Louis, Mo. Burial garment. 2,007,252; July 9.
- Komers, Lester C., Beaver Dam, Wis. Golf bag support. 2,016,967; Oct. 8.
- Komm, Paul M., Berwyn, F. Thomas and G. J. Madill, Chicago, and O. A. Pearson, Oak Park, assignors to Thordarson Electric Manufacturing Company, Chicago, Ill. Electrical connector. 2,011,178; Aug. 13.
- Kömmling, Leo G. A., Berlin, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,989,319; Jan. 29.
- Kömmling, Leo G. A., Berlin, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,991,560; Feb. 19.
- Komperud, Ole N., Minneapolis, Minn. Knife. 1,988,386; Jan. 15.
- Kondolf, Henry, assignor to Southern Kraft Corporation, New York, N. Y. Carton and liner therefor and using the same. 1,991,616; Feb. 19.
- Kondolf, Henry, assignor to Southern Kraft Corporation, New York, N. Y. Carton. 2,012,131; Aug. 20.
- Kondolf, Henry, assignor to Southern Kraft Corporation, New York, N. Y. Carton and blank for forming the same. 2,019,538; Nov. 5.
- Konetsky, John R., San Francisco, Calif. Mounting vehicle frames. 2,024,528; Dec. 17.
- Kongsted, Ludvig P. (See Martin, J. F., and Kongsted.)
- Kongsted, Ludvig P., Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Electric relay. 1,989,057; Jan. 22.
- Kongsted, Ludvig P., Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Magnet. 2,007,373; July 9.
- Konheim, Harvey. (See Albersheim, W., and Konheim.)
- Konheim, Harvey S. (See Albersheim, W. J., and Konheim.)
- Konheim, Harvey S., and W. J. Albersheim, New York, N. Y. Viscosimeter. 2,011,862; Aug. 20.
- Konheim, Harvey S., New York, N. Y. Shoe last. 2,016,146; Oct. 1.
- König, Hermann T. J., assignor to N. V. Stikstofbindings-industrie "Nederland" Dordrecht, Netherlands. Production of high percentage alkali cyanides free from sulphides and chlorides. 2,018,135; Oct. 22.
- König, J. C. & Ebhardt. (See Lutter, Richard, assignor.)
- König, Albert, assignor to the firm of Carl Zeiss, Jena, Germany. Eye-piece having optical members that consist of a lens system and a prism system. 2,015,527; Sept. 24.
- König, Rudolf, and Z. Földi, Budapest, Hungary, assignors to Svenska Tändsticks Aktiebolaget, Jonkoping, Sweden. Repeatedly ignitable match. 2,015,383; Sept. 24.
- König, Wilhelm, assignor to Alfred Teves Maschinen- und Armaturen-Fabrik, G. m. b. H., Frankfurt-on-the-Main, Germany. Driving unit for fluid pumps. 1,996,160; Apr. 2.
- Konkel, John A., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Spring structure. 1,998,898; Apr. 23.
- Konn, Felix, Erie, Pa., assignor to General Electric Company. Straight line motor. 1,986,639; Jan. 1.
- Konoff, Alexander, assignor, by mesne assignments, to Margon Corporation, New York, N. Y. Doll's eyes and manufacturing the same. 1,999,730; Apr. 30.
- Konopka, Joseph, Detroit, Mich. Combined shock absorbing and stabilizing structure. 2,002,402; May 21.
- Konrad, Erich, and F. Schwerdtel, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing chlorinated rubbers. 2,005,320; June 18.
- Konstantinoff, Jean, Paris, France. Torpedo wake reducing device. 2,020,788; Nov. 12.
- Koomruian, Harry, Bronx, N. Y. Sandal. 2,015,479; Sept. 24.
- Koonce, Claude L. and O. E. Zipperer, Coleman, Fla. Tree scarifying tool. 2,010,636; Aug. 6.
- Koons, Charles E., assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Centrifugal pump. 2,007,126; July 2.
- Koons, Charles V., assignor to American Engineering Company, Philadelphia, Pa. Steering mechanism. 2,019,264; Oct. 29.
- Koonz, Earl R., assignor to Greenfield Tap and Die Corporation, Greenfield, Mass. Tap. 2,024,169; Dec. 17.
- Koop, Marion T., Omaha, Nebr. Dirt guard for track type tractors. 1,992,702; Feb. 26.
- Koopetz, Nathan, Mattapan, assignor of one-half to A. S. Levenson, Roxbury, Mass. Buckle. 2,016,041; Oct. 1.
- Koops, George, Holland, Mich. Battery terminal. 2,009,403; July 30.
- Kooyman, Jacobus C. (See Kästner, Otto M., assignor.)
- Kooyman, Jacobus C., The Hague, Netherlands. Concrete pump. 2,017,975; Oct. 22.
- Kopchinsky, Charles, Lodi, N. J. Garbage container. 2,012,855; Aug. 27.
- Kopeliowitsch, Jakob, assignor to Aktiengesellschaft, Brown Boveri & Cie., Baden, Switzerland. Circuit interrupting device. 2,022,241; Nov. 26.
- Kopf, John C. (See Kopf, Joseph L., and J. C.)
- Kopf, Joseph L., East Orange, N. J., and J. C. Kopf, assignors to Jabez Burns & Sons, Inc., New York, N. Y. Grinding mill. 2,019,013; Oct. 29.
- Kopetz, Josef, Vienna, Austria. Manufacturing of helically grooved endless hose and tubing. 2,002,896; May 28.
- Kopf, Joseph L. (See Backer, L. H., Keenan, and Kopf.)
- Kopke, James W. (See Keinert, E. E., Kopke, and Faucett.)
- Köpke, Ludwig, Witten, H. Wundenberg, Essen, W. Relensmann, Dortmund, and H. Koch, Witten, assignors to Maschinenfabrik Augsburg-Nürnberg, A. G. Nürnberg, Germany. Method and device for transporting and laying railway switches. 1,994,717; Mar. 19.
- Koplar, Solomon E., Chicago, Ill. Refrigerant pumping system. 1,986,584; Jan. 1.
- Kopp, Georges, and P. Petitcolas, Rouen, assignors to Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlmann, Paris, France. Chromatable azo dyestuffs and their production. 2,024,864; Dec. 17.
- Koppe, Alexander T., Chicago, Ill. Vacuum cup. 1,990,334; Feb. 5.
- Koppe, Alexander T., Passaic, N. J. Vacuum frame arrangement. 1,996,968; Apr. 9.
- Koppe, William P., assignor to The Scholl Mfg. Co., Inc., Chicago, Ill. Foot impression device. 1,996,296; Apr. 2.
- Koppel Industrial Car and Equipment Company. (See Anderson, John P., assignor.)
- Koppel Industrial Car and Equipment Company. (See Miller, Carl W., assignor.)
- Koppel Industrial Car and Equipment Company. (See Sarosdy, Louis J., assignor.)
- Koppel Industrial Car and Equipment Company. (See Schmohl, Alfred C., assignor.)
- Koppel, Rudolf H., Aachen, Germany. Universal rolling mill. 2,019,081; Oct. 29.
- Koppelman, Morris, Brooklyn, assignor to Holed-Tite Packing Corporation, New York, N. Y. Packing means. 1,986,344; Jan. 1.
- Koppelman, Morris, Brooklyn, N. Y., and B. E. Gilbert, Dover, N. J., assignors to Holed-Tite Packing Corporation, New York, N. Y. Shipping container. 2,012,132; Aug. 20.
- Koppers Company of Delaware, The. (See Becker, Joseph, assignor.)
- Koppers Company of Delaware, The. (See Blackwood, Oswald H., assignor.)
- Koppers Company of Delaware, The. (See Blackwood, O. H., and Shiveley, assignors.)
- Koppers Company of Delaware, The. (See Christianson, Raynard, assignor.)
- Koppers Company of Delaware, The. (See Eymann, Constanx, assignor.)
- Koppers Company of Delaware, The. (See Fitz, Wilhelm, assignor.)
- Koppers Company of Delaware, The. (See Fulton, Robert R., assignor.)
- Koppers Company of Delaware, The. (See Hahn, Conrad, assignor.)
- Koppers Company of Delaware, The. (See Hansen, Christian J., assignor.)
- Koppers Company of Delaware, The. (See Harlow, Earl V., assignor.)
- Koppers Company of Delaware, The. (See Jacobson, David L., assignor.)
- Koppers Company of Delaware, The. (See Leithäuser, Heinz, assignor.)
- Koppers Company of Delaware, The. (See Powell, Alfred R., assignor.)
- Koppers Company of Delaware, The. (See Sauchelli, Vincent, assignor.)
- Koppers Company of Delaware, The. (See Shaw, Joseph A., assignor.)
- Koppers Company of Delaware, The. (See Shiveley, Walter L., assignor.)
- Koppers Company of Delaware, The. (See Shoeld, Mark, assignor.)
- Koppers Company of Delaware, The. (See Sperr, Frederick W., Jr., assignor.)
- Koppers Company of Delaware, The. (See Totzek, Friedrich, assignor.)
- Koppers Company of Delaware, The. (See van Ackeren, Joseph, assignor.)
- Kopriva, Charles J., Bloomfield, and C. E. Stecker, North Arlington, assignors to Eastwood-Nealley Corporation, Belleville, N. J. Steam trap. 1,988,127; Jan. 15.
- Kops Brothers, Inc. (See Duff, Ewen C., assignor.)
- Kops Brothers, Inc. (See Kops, Stanley D., assignor.)

- Kops, Stanley D., assignor to Kops Brothers, Inc., New York, N. Y. Combination garment. 2,009,891; July 30.
- Kopsa, Julius F., Chicago, Ill. Refrigerating system. 2,002,033; May 21.
- Kopsa, Julius F., Chicago, Ill. Liquid-separating device. 2,006,244; June 25.
- Korber, Johann, Couvet, assignor to Edouard Dubied & Cie. Société Anonyme, Neuchâtel, Switzerland. Jacquard mechanism controlled knitting machine. 1,994,653; Mar. 19.
- Korff, Arnold. (See Guziel, A. A., and Korff.)
- Korittke, Karl, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Vacuum cleaner. 1,988,951; Jan. 22.
- Kormann, Frederick A., Glendale, assignor to Industrial Research Laboratories, Ltd., San Francisco, Calif. Apparatus for the metal lining of pipes. 1,998,627; Apr. 23.
- Kormann, Frederick A., Glendale, and W. F. Hirsch, Huntington Park, assignors to Industrial Research Laboratories, Ltd., San Francisco, Calif. Making a hard lining metal. 2,025,060; Dec. 24.
- Korn, Friedrich. (See Krauch, C., Eyer, Baetz, and Korn.)
- Korne, Matt E., and F. J. Jovick, Butte, Mont., said Korne assignor to said Jovick. Electric flatiron. 2,023,327; Dec. 3.
- Kornfeld, Arthur, New York, N. Y. Indicating instrument for high-tension ignition devices. 1,988,245; Jan. 15.
- Kornichuk, Fred, Pelham, N. H. Fishing apparatus. 2,009,736; July 30.
- Korsmo, Torbjorn C., assignor to Madison-Kipp Corporation, Madison, Wis. Die casting machine. 2,000,488; May 7.
- Korte, Alfred C., assignor to Metalcraft Corporation, St. Louis, Mo. Velocipede. 1,987,404; Jan. 8.
- Korte, Alfred C., assignor to Metalcraft Corporation, St. Louis, Mo. Furniture pad. 2,000,902; May 14.
- Korte, Alfred C., assignor to Metalcraft Corporation, St. Louis, Mo. Headlight and spot light device for toy vehicles. 2,004,791; June 11.
- Korte, Alfred C., assignor to Metalcraft Corporation, St. Louis, Mo. Hand lantern. 2,010,089; Aug. 6.
- Korte, Alfred C., assignor to Metalcraft Corporation, St. Louis, Mo. Making vehicle wheels. 2,016,927; Oct. 8.
- Korte, Alfred C., assignor to Metalcraft Corporation, St. Louis, Mo. Toy wagon. 2,026,235; Dec. 31.
- Kosaneck, Ernest, Yonkers, N. Y. Combination table and chair. 1,992,434; Feb. 26.
- Koshoshek, Richard, Eau Claire, Wis. Rope twisting machine. 2,009,850; July 30.
- Kosken, Wilho A., New York, N. Y., assignor to Wilho A. Kosken, Inc. Additive fixed filter color system. 2,004,442; June 11.
- Kosken, Wilho A., New York, N. Y., assignor to Wilho A. Kosken, Inc. Continuous projector with slow speed deflectors. 2,018,069; Oct. 22.
- Kosken, Wilho A., Richmond Hill, N. Y., assignor to Wilho A. Kosken, Inc. Picture and sound reproduction. 2,015,344; Sept. 24.
- Kosken, Wilho A., Inc. (See Kosken, Wilho A., assignor.)
- Koski, Carlo D., Brainerd, Minn. Molecular weight indicator. 2,005,191; June 18.
- Kosky, John G. (See Stockstrom, A., and Kosky.)
- Kosma, Gustav, assignor to Ocean City Manufacturing Company, Philadelphia, Pa. Fishing reel construction. 2,002,403; May 21.
- Kosman, John. (See Brykezyński, C. S., and Kosman.)
- Kosman, John, Brooklyn, assignor to Geo. F. Stuhmer & Company, New York, N. Y. Belt conveyor for ovens. 2,021,257; Nov. 19.
- Kossakowski, Tadeusz, Warsaw, Poland. Carriage for transporting endless-track vehicles on roads and railway tracks. 2,014,769; Sept. 17.
- Kostecka, Joseph, Powhatan Point, Ohio. Switch joint protector and reroller. 2,018,450; Oct. 22.
- Kosten, Johannes and J. J. Verwys, Grand Rapids, Mich. Reflector. 2,002,015; May 21.
- Koster, Frederick W., Meadville, assignor to The Viscose Company, Marcus Hook, Pa. Acetic acid recovery. 1,996,706; Apr. 2.
- Koster, Frederick W., Meadville, assignor to The Viscose Company, Marcus Hook, Pa. Delustered artificial silk yarn. 2,017,804; Oct. 15.
- Köster, Johann F., Frankfurt-on-the-Main, Germany. Apparatus for storing and observing pictures, especially small photographic pictures. 1,989,454; Jan. 29.
- Köster, Werner, Dortmund, assignor to Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Cobalt-tungsten-iron alloy. 2,011,976; Aug. 20.
- Kothner, Armin. (See Kolm, U., and Kothner.)
- Kothny, Gottfrank L. (See Palmer, A. B., and Kothny.)
- Kofhny, Gottfrank L., Stratford, assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Orienting whipstocks. 2,006,556; July 2.
- Kothny, Gottfrank L., Stratford, assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Well surveying instrument. 2,012,456; Aug. 27.
- Kothny, Gottfrank L., Stratford, Pa., and F. C. Narvesen, East Rockaway, L. I., N. Y., assignors to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Well surveying instrument. 2,000,524; May 7.
- Kotowski, Paul. (See Dobke, G., and Kotowski.)
- Kotrbaty, Guy F., New York, N. Y. Floor construction. 1,990,654; Feb. 12.
- Kotrbaty, Guy F., New York, N. Y. Chimney construction. 1,990,655; Feb. 12.
- Kotrbaty, Guy F., New York, N. Y. Self-sustaining partition. 1,990,656; Feb. 12.
- Kotrbaty, Guy F., New York, N. Y. Door framing. 2,009,267; July 23.
- Kotrbaty, Guy F., assignor to Fer-O-Con Corporation, New York, N. Y. Self-supporting building member and joint therefor. 2,005,146; June 18.
- Kotrbaty, Guy F., New York, N. Y., assignor to Fer-O-Con Corporation, Bryn Mawr, Pa. Securing members for self-supporting structural building units. 2,017,441; Oct. 15.
- Kotrbaty, Guy F., Laurelton, N. Y. Building construction unit. 2,009,268; July 23.
- Kotrbaty, Guy F., Laurelton, assignor to Ferrocon Corporation, New York, N. Y. Building construction. 1,987,115; Jan. 8.
- Kotrbaty, Guy F., Laurelton, assignor to Ferrocon Corporation, New York, N. Y. Floor member. 1,993,791; Mar. 12.
- Kotrbaty, Guy F., Laurelton, assignor to Ferrocon Corporation, New York, N. Y. Composite building member. 1,995,477; Mar. 26.
- Kotrbaty, Guy F., Laurelton, assignor to Fer-O-Con Corporation, New York, N. Y. Partition wall assembly. 2,005,145; June 18.
- Kotrbaty, Guy F., Laurelton, assignor to Fer-O-Con Corporation, New York, N. Y. Subway construction. 2,021,313; Nov. 19.
- Kotrbaty, Guy F., Astoria, N. Y. Heating device. 2,019,913; Nov. 5.
- Kottmann, August, assignor to Rheinische Metallwaren- und Maschinenfabrik Sommerda Aktiengesellschaft, Sommerda, Germany. Calculating machine. 1,991,806; Feb. 19.
- Kottmann, Fritz. (See Schemmann, W., and Kottmann.)
- Koubek, John L., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Lens or cover glass for head lamps and the like. 1,992,668; Feb. 26.
- Koulitchkov, Serge N. (See Drabin, J. J., and Koulitchkov.)
- Koupal, Walter G. (See Gelsthar, F., and Koupal.)
- Kourimsky, James, Chicago, Ill. Piston skirt expander. 2,024,457; Dec. 17.
- Koursch, Charles R., Chicago, Ill. Freewheeling mechanism. 1,986,442; Jan. 1.
- Koury, Wadiah A. (See Boyko, John, assignor.)
- Kouvalis, Theodore P., Argo, Ill. Gaseous conduction lamp. 2,024,529; Dec. 17.
- Kovac, Rudolph, assignor to American Automatic Devices Co., Chicago, Ill. Electric iron and stand. 1,992,624; Feb. 26.
- Kovac, Rudolph, assignor to American Automatic Devices Co., Chicago, Ill. Lens. 2,004,443; June 11.
- Kovalovsky, Arthur, Los Angeles, Calif. Fishing reel. 2,022,204; Nov. 26.
- Kovalsky, Joseph F., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 1,988,658; Jan. 22.
- Kovalsky, Joseph F., Turtle Creek, assignor to Westinghouse & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,023,084; Dec. 3.
- Kovane, Jalmar, Flint, Mich. Fishing tackle. 2,008,555; July 16.
- Kovats, John, Fairfield, assignor to The Leg-O-Matic Company, Bridgeport, Conn. Folding chair. 2,005,715; June 18.
- Kovats, John, Fairfield, assignor to The Leg-O-Matic Company, Bridgeport, Conn. Folding article of furniture. 2,005,716; June 18.
- Kovnat, Maurice B., Chicago, Ill. Return mailing piece. 1,995,183; Mar. 19.
- Kowada, Isoji, Kyoto-Fu, Japan. Automatic reeling machine. 1,994,106; Mar. 12.
- Kowalski, Bruno. (See Netzband, A., and Kowalski.)
- Kowalski, John. (See Hanson, C. W., and Kowalski.)
- Kowalski, Marlon F., New York, N. Y. Gas and air mixing device. 2,005,624; June 18.
- Kowalsky, Andrew, Oak Park, Ill., assignor to International Harvester Company. Ensilage harvester. 2,017,758; Oct. 15.
- Kozanowski, Henry N., Wilkinsburg, and H. V. Noble, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Modulation circuit. 2,025,595; Dec. 24.
- Krabbe, Doris E. (See Ballard, H. W., and Krabbe.)
- Krabbe, Roy J. (See Ireland, E. S., and Krabbe.)
- Kracker, Herbert. (See Fischer, E., and Kracker.)
- Kracker, Herbert. (See Krzikalla, H., Elstert, Schmitt, and Kracker.)
- Kracker, Herbert, Frankfurt-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo-dyes and fiber dyed therewith. 2,019,914; Nov. 5.
- Kracker, Herbert, and R. Schmid, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Sulphonic acid and carboxylic acid derivatives of 1,1-diaryl-3,3'-arylene-5,5'-bis-pyrazolones. 2,013,181; Sept. 3.

- Kracker, Herbert, and R. Schmid, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo-dyestuffs. 2,015,225; Sept. 24.
- Kracker, Herbert, and R. Schmid, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo-dyestuffs. 2,015,429; Sept. 24.
- Kraeff, Herman L., assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Lamp mounting for toy vehicles. 1,995,309; Mar. 26.
- Kraeff, Herman L., assignor to The Murray Ohio Manufacturing Company, Cleveland, Ohio. Fuel feeding apparatus. 2,006,357; July 2.
- Kraeff, Herman L., Cleveland, Ohio, assignor to Murray-Ohio Manufacturing Company. Combined battery holder and switch. 2,007,203; July 9.
- Kraemer, August F., Providence, R. I., assignor to Louis Stern Company. Extension device. 2,007,537; July 9.
- Kraemer, August F., Providence, R. I., assignor to Louis Stern Company. Bracelet end hook. 2,007,538; July 9.
- Kraemer, Julius H., Arlington, assignor to Brier Manufacturing Company, Providence, R. I. Necktie holder. 1,998,961; Apr. 23.
- Kraemer, Waldo L., Brooklyn, N. Y., assignor to Kearfott Engineering Company, Inc. Window regulator mechanism. 2,002,322; May 21.
- Kraenzlein, Georg, Höchst-on-the-Main, and H. Hopff, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of organic sulpho-halides. 2,016,784; Oct. 8.
- Kraeutler, Arthur A., South Orange, N. J., assignor to The Kroydon Company. Golf club joint. 2,007,976; July 16.
- Kraft, Anton, Olpe, Germany. Strand or rope making machine. 2,008,075; July 16.
- Kraft, Edward L., assignor to Martin-Parry Corporation, York, Pa. Windshield for automobiles. 2,011,056; Aug. 13.
- Kraft, Edward L., assignor to Martin-Parry Corporation, York, Pa. Automobile windshield control mechanism. 2,011,057; Aug. 13.
- Kraft, Edward L., assignor to Martin-Parry Corporation, York, Pa. Windshield for automobiles. 2,011,059; Aug. 13.
- Kraft, Edward L., assignor to Martin-Parry Corporation, York, Pa. Ventilator. 2,012,763; Aug. 27.
- Kraft, Edward L., assignor to Martin-Parry Corporation, York, Pa. Ventilator. 2,012,764; Aug. 27.
- Kraft, Edward L., assignor to Martin-Parry Corporation, York, Pa. Windshield for automobiles. 2,025,596; Dec. 24.
- Kraft, Edward L., assignor to Martin-Parry Corporation, York, Pa. Windshield for automobiles. 2,025,597; Dec. 24.
- Kraft Egg Machine Company. (See Haugh, Raymond R., assignor.)
- Kraft, Hans, Schenectady, N. Y., assignor to General Electric Company. Fluid jet pump. 2,000,762; May 7.
- Kraft, Harry B., Sharon, Pa., assignor to Bendix Cowdrey Brake Tester, Inc. Brake tester. 2,018,451; Oct. 22.
- Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Vulcanizing heater. 1,990,455; Feb. 5.
- Kraft, Norman, Wilmette, assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Apparatus for heat-treating cheese. 2,005,996; June 25.
- Kraft, Paul, and Rudolf Straubel, Jena, assignors to Firm Carl Zeiss, Jena, Germany. Dark-field condenser for microscopes. 1,999,240; Apr. 30.
- Kraft-Phenix Cheese Corporation. (See Ambrose, Arthur S., assignor.)
- Kraft-Phenix Cheese Corporation. (See Clickner, Forest H., assignor.)
- Kraft-Phenix Cheese Corporation. (See Eldredge, Elmer E., assignor.)
- Kraft-Phenix Cheese Corporation. (See Kraft, Norman, assignor.)
- Kraft-Phenix Cheese Corporation. (See Schneider, Ernest, assignor.)
- Kraft-Phenix Cheese Corporation. (See Schnur, Jacob, assignor.)
- Kraft-Phenix Cheese Corporation. (See Seltzer, William assignor.)
- Kraft, Robert H., assignor to Goodman Manufacturing Company, Chicago, Ill. Material gathering and loading machine. 2,024,458; Dec. 17.
- Kraft, Wheaton W., East Orange, N. J., assignor to The Lummus Company, New York, N. Y. Process and apparatus for dehydrating liquids. 2,017,067; Oct. 15.
- Krag, Erik L., assignor of one-tenth to E. J. Andrews, Chicago, Ill. Loose leaf binder. 1,991,362; Feb. 19.
- Krag, Franz K., Chicago, Ill. Can or jar opener. 2,000,962; May 14.
- Krag, Harry W., assignor to American Shoe Machinery and Tool Company, St. Louis, Mo. Clutch. 2,008,023; July 16.
- Kral, Charles A., Steubenville, Ohio. Rolling strip material. 2,002,268; May 21.
- Kramer, Ernst, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Radio transmitting arrangement for determining bearings. 2,025,212; Dec. 24.
- Kramer, Ernst, Berlin-Tempelhof, and E. Lüttcher, Berlin-Friedrichsfelde, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. High frequency telegraph transmitter. 2,005,790; June 25.
- Kramaroff, Richard. (See Schofield, E. R., Kramaroff.)
- Krambeer, Karl H., Berlin-Wilmersdorf, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Audio frequency amplifier. 1,995,999; Jan. 1.
- Krämer, Alfred, Haslach, Germany. Machine for manufacturing cigars. 2,025,415; Dec. 24.
- Kramer, Andrew A., assignor to G. D. Beardsley, Kansas City, Mo. Multiple seal floating deck tank. 1,992,221; Feb. 26.
- Kramer, Andrew A., assignor to G. D. Beardsley, Kansas City, Mo. Sealing shoe for floating decks. 1,994,477; Mar. 19.
- Kramer, Andrew A., Kansas City, Mo. Making expansion domes for tanks. 2,021,960; Nov. 26.
- Kramer, Carl A., et al. (See Grainger, Lewis M. D., assignor.)
- Kramer, Charles J. (See Baker, Paul G., assignor.)
- Kramer, Emil M., Muskegon, Mich. Brake testing device. 2,000,289; May 7.
- Kramer, Emil M., Peoria, Ill. Brake signaling apparatus. 2,013,919; Sept. 10.
- Kramer, Eric B., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Applying cap closures to receptacles. 1,998,628; Apr. 23.
- Kramer, Eric B., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Lug cap. 2,008,585; July 16.
- Kramer, Eric B., and E. M. Enkur, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Lug cap and making same. 2,008,586; July 16.
- Kramer, Eric B., and E. M. Enkur, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Lug cap. 2,008,587; July 16.
- Kramer, Erwin. (See Bauer, W., and Kramer.)
- Kramer, Gustav A., New York, N. Y., assignor to Shell Development Company, San Francisco, Calif. Apparatus for the treatment of immiscible liquids. 2,022,205; Nov. 26.
- Kramer, Gustav A., Oakland, assignor to Shell Development Company, San Francisco, Calif. Fractionation control. 2,022,809; Dec. 3.
- Kramer, Henry J., Memphis, Tenn. Lock bolt. 2,006,461; July 2.
- Kramer, Karl E., Oelrichs, S. Dak. Road surfacing machine. 2,009,500; July 30.
- Kramer, Meyer, New York, N. Y. Muff bag. 2,014,256; Sept. 10.
- Krämer, Oskar, Leipzig, Germany, assignor, by mesne assignments, to T. Haebler, New York, N. Y. Electrodeposition of chromium. 2,016,677; Oct. 8.
- Krämer, Robert. (See Steindorff, A., Krämer, Staudermann, and Erlenbach.)
- Kramer, Theodore. (See Koch, Henry L., assignor.)
- Kramer, William, Richmond Hill, assignor to Ideal Aeroplane & Supply Co., Inc., New York, N. Y. Whittling knife. 2,024,825; Dec. 17.
- Kramer, William L., Houston, Tex. Foot accelerator pedal. 2,003,751; June 4.
- Kramps, Joseph, Hempstead, N. Y. Intermittent pedal drive. 2,023,889; Dec. 10.
- Krannak, Steven J., assignor to Min-A-Max Co., Minneapolis, Minn. Grease gun. 2,026,046; Dec. 31.
- Kraner, Hobart M., and F. W. Schroeder, assignors to Corhart Refractories Company, Louisville, Ky. Mold for casting basic refractories. 2,011,489; Aug. 13.
- Kraner, Warren A., assignor to Cement Wrapped Pipe Company, Ltd., San Francisco, Calif. Manufacture of construction columns. 1,992,376; Feb. 26.
- Kranich, Herbert, West Hempstead, N. Y. Artificial fuel and making same. 1,993,517; Mar. 5.
- Krannak, Steven J., assignor to Min-A-Max Co., Minneapolis, Minn. Muzzle loading grease gun. 2,004,664; June 11.
- Krantz, Lewis S., Waterbury, Conn. Pushpin. 1,991,561; Feb. 19.
- Kranz, Curtis G., Chicago, Ill. Resilient tire. 1,989,757; Feb. 5.
- Kranz, Frederick H., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of acridine compounds. 1,986,111; Jan. 1.
- Kranz, Rudolf, Heidelberg, Germany, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Generator. 2,026,474; Dec. 31.
- Kränzlein, Georg. (See Kunz, M. A., Kränzlein, Koeberle, Corell, Berthold, and Vollmann.)
- Kränzlein, Georg, and E. Diefenbach, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Acid dyestuff of the anthraquinone series and preparing it. 1,998,546; Apr. 23.
- Kränzlein, Georg, E. Diefenbach, and M. Corell, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Anthraquinone-2',1',1'-2-anthraquinones and preparing them. 1,999,611; Apr. 30.
- Kränzlein, Georg, Frankfort-on-the-Main, H. Schlichenmaier, Kelkheim in Taunus, and L. Schörnig, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuff of the quinophthalone series of good fastness to light. 2,006,022; June 25.

- Kränzlein, Georg, P. Ochwat, and K. Moldaenke, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Amino-diphenyl derivatives and preparing them. 2,012,569; Aug. 27.
- Kränzlein, Georg, Frankfort-on-the-Main-Hochst, and R. K. Müller, Bad Soden-on-the-Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Abradant. 2,013,496; Sept. 3.
- Kränzlein, Georg, H. Greune, and M. Thiele, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the oxazine series and their production. 2,016,013; Oct. 1.
- Kränzlein, Georg, H. Greune, and W. Schultheis, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the oxazine series and preparing them. 2,016,504; Oct. 8.
- Kränzlein, Georg, H. Vollmann, and W. Schultheis, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Preparing vat dyestuffs of the pyranthrone series and new vat dyestuffs prepared thereby. 2,023,926; Dec. 10.
- Kränzlein, Georg, and M. Corell, Frankfort-on-the-Main, and W. Schaich, Bad Soden-on-the-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 2-aminoanthraquinone-sulphonic acids and preparing them. 2,025,169; Dec. 24.
- Kränzlein, Georg, and M. Corell, Frankfort-on-the-Main, and W. Schaich, Bad Soden-on-the-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 2-amino-3-bromo-anthraquinone-sulphonic acid and the alkali metal salts thereof and preparing them. 2,025,170; Dec. 24.
- Kränzlein, Georg, and H. Greune, Frankfort-on-the-Main-Hochst, and M. Thiele, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the oxazine series and preparing them. 2,026,092; Dec. 31.
- Kränzlein, Georg, H. Greune, and M. Thiele, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the dioxazine series and preparing the same. 2,026,093; Dec. 31.
- Krase, Herbert J., Anniston, Ala. Amusement device. 2,011,058; Aug. 13.
- Kratky, Friedrich, and F. A. Grohmann, Vienna, Austria. Apparatus for cooling and propelling air. 1,996,870; Apr. 9.
- Kratky, Richard J., Boise, Idaho. Battery terminal puller. 1,996,967; Apr. 9.
- Kratt, William, Elizabeth, N. J. Tie rack. 1,998,899; Apr. 23.
- Kratz, Edouard M., Gary, Ind., assignor, by mesne assignments, to Marbo Products Corporation, Chicago, Ill. Making transparent film material. 2,001,389; May 14.
- Kratz, Edouard M., Gary, Ind., assignor, by mesne assignments, to Marbo Products Corporation, Chicago, Ill. Carrier web and forming same. 2,024,826; Dec. 17.
- Kratz, Edouard M., and H. Heckel, Gary, Ind., assignors, by mesne assignments, to Marbo Products Corporation, Chicago, Ill. Method and apparatus for making transparent sheet material. 2,014,937; Sept. 17.
- Kratz, Edward J., Springdale, assignor to Aluminum Company of America, Pittsburgh, Pa. Solder. 1,988,010; Jan. 15.
- Kratz, Franz. (See Baumgratz, E., Kratz, and Steinhart.)
- Kratz, Franz. (See Steinhart, H., Kratz, and Baumgratz.)
- Kratz, Franz, and E. Baumgratz, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Portable electrical tool. 1,990,035; Feb. 5.
- Kratz, Franz, and E. Baumgratz, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Electric small tool. 1,990,036; Feb. 5.
- Kratzer, Herbert J., St. Louis, Mo. Positive displacement pump of the constant delivery type. 2,022,207; Nov. 26.
- Krauch, Carl, Ludwigshafen-on-the-Rhine, and M. Pier, Heidelberg, Germany, assignors to Standard I. G. Company, Linden, N. J. Conversion of solid fuels and products derived therefrom or other materials into valuable liquids. 1,994,075; Mar. 12.
- Krauch, Carl, Ludwigshafen-on-the-Rhine, and M. Pier, Heidelberg, Germany, assignors to Standard-I. G. Company, Linden, N. J. Conversion of solid fuels and products derived therefrom or other materials into valuable liquids. 1,996,009; Mar. 26.
- Krauch, Carl, Ludwigshafen-on-the-Rhine, and M. Pier, Heidelberg, Germany, assignors to Standard-I. G. Company, Linden, N. J. Conversion of solid fuel and product derived therefrom or other materials into valuable liquids. 2,005,192; June 18.
- Krauch, Carl, C. Eyer, Ludwigshafen-on-the-Rhine, G. Baetz, Oggersheim, and F. Korn, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of mixed fertilizers. 2,005,997; June 25.
- Krauch, Carl, Ludwigshafen-on-the-Rhine, and M. Pier, Heidelberg, Germany, assignors to Standard-I. G. Company, Linden, N. J. Conversion of solid fuels and products derived therefrom or other materials into valuable liquids. 2,006,996; July 2.
- Krauch, Emil. (See Nawiasky, P., Bauer, and Krauch.)
- Kraus, Leon J., Philadelphia, Pa. Receptacle of textile fabric and making the same. 2,008,285; July 16.
- Kraus, Otto, Bad Liebenstein, Germany. Signaling apparatus. 2,014,499; Sept. 17.
- Kraus, Wilhelm, Vienna, Austria, assignor, by mesne assignments, to America Cyanamid Company. Plastic masses and process of making same. 2,002,540; May 28.
- Kraus, Wilhelm, Vienna, Austria, assignor, by mesne assignments, to American Cyanamid Company. Manufacture of condensation products. 2,016,285; Oct. 8.
- Krause, Charles E. (See Slepian, J., Tanberg, and Krause.)
- Krause, Conrad B., assignor of one-half to The Dill Manufacturing Company, Cleveland, Ohio. Variable speed motor. 1,996,476; Apr. 2.
- Krause, Ernest, Beverly Hills, Calif. Portable bar. 1,994,857; Mar. 19.
- Krause, Fred J., Chattanooga, Tenn., assignor to International Combustion Engineering Corporation, New York, N. Y. Wrench. 2,023,733; Dec. 10.
- Krause, Georg, Lubeck, Germany. Heat exchanging pipe. 2,016,720; Oct. 8.
- Krause, Georg A., Munich, Germany, assignor to Katadyn, Inc., Dover, Del. Sterilization of liquids. 1,988,246; Jan. 15.
- Krause, Georg A., Munich, Germany, assignor to Katadyn, Inc., Dover, Del. Sterilizing liquids. 2,018,916; Oct. 29.
- Krause, Henry, Little Neck, N. Y. Fountain pen. 2,012,722; Aug. 27.
- Krause, Max E. (See King, W. G., and Krause.)
- Krause, Norman R. (See MacGregor, W. F., and Krause.)
- Krause, Richard P., South Bend, Ind. Automatic locking car seal. 1,992,868; Feb. 26.
- Krauss, Adolphe, Montreal, Quebec, Canada. Purse. 2,021,789; Nov. 19.
- Krauss, Carl. (See Berthold, H., Krauss, and Hagenböcker.)
- Krauss, Carl, and W. Brunner, Frankfort-on-the-Main-Eichenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 6-Methoxy-6'-Ethoxythioindigo. 2,005,041; June 18.
- Krauss, Charles F., Ambler, Pa. Superheater. 2,009,961; July 30.
- Krauss, Friedrich, Vienna, Austria. Pencil or crayon case. 1,988,903; Jan. 22.
- Krauss, John M. (See Harrigan, H. R., and Krauss.)
- Krauss, Victor P., Flushing, N. Y., assignor to American Kerament Corporation, New York, N. Y. Method and composition for producing a cold glaze having a dispersing agent therein. 2,019,980; Nov. 5.
- Krauss, Victor P., Flushing, L. I., assignor to American Kerament Corporation, New York, N. Y. Method and composition for producing a cold glaze on building materials and the like. 2,019,981; Nov. 5.
- Kraut and Dohnal. (See Holzheimer, William, assignor.)
- Krauth & Benninghofen. (See Diesbach, Fritz G., assignor.)
- Krauthelm, William C. (See Hallquist, E. G., and Krauthelm.)
- Krauthelm, William C., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,019,312; Oct. 29.
- Krautkopf, Simon, Stutzart, Germany. Knitting tubular fabric. 2,004,699; June 11.
- Kraybill, Henry R., P. H. Brewer, and M. W. Gardner, assignors to Purdue Research Foundation, West Lafayette, Ind. Purified virus and process of purifying it. 2,012,789; Aug. 27.
- Krebs, Charles E., Chicago, Ill. Mop. 2,023,202; Dec. 3.
- Krebs, Ernst W., Berlin-Charlottenburg, Germany, assignor to General Electric Company. Braking system for electric motors. 1,997,464; Apr. 9.
- Krebs, Henry, Detroit, assignor to Packard Motor Car Company, Detroit, Mich. Valve spring. 2,005,089; June 18.
- Krebs Pigment & Color Corporation. (See Allen, E. R., Headley, and Siegel, assignors.)
- Krebs Pigment & Color Corporation. (See Booge, James E., assignor.)
- Krebs Pigment & Color Corporation. (See Booge, J. E., McKinney, and Sullivan, assignors.)
- Krebs Pigment & Color Corporation. (See Booge, J. E., and Radcliffe, assignors.)
- Krebs Pigment & Color Corporation. (See Erskine, Archibald M., assignor.)
- Krebs Pigment & Color Corporation. (See Erskine, A. M., and Siegel, assignors.)
- Krebs Pigment & Color Corporation. (See Headley, W. N., and Siegel, assignors.)
- Krebs Pigment & Color Corporation. (See Heckert, W. W., and Patterson, assignors.)
- Krebs Pigment & Color Corporation. (See MacQueen, Donald E., assignor.)
- Krebs Pigment & Color Corporation. (See Siegel, Alfred, assignor.)
- Krefft, Herman. (See Kehse, A., and Krefft.)
- Krefft, Herman, et al. (See Pirani, M., and Krefft.)
- Krefft, Hermann, Berlin-Friedrichshagen, Germany, assignor to General Electric Company. Lamp unit. 2,001,495; May 14.
- Krefft, Herman, Berlin-Schmargendorf, Germany, assignor to General Electric Company. Gaseous electric discharge lamp device. 2,009,196; July 23.
- Kregeloh, William A., Floral Park, N. Y. Hose support. 1,989,810; Feb. 5.
- Krehbiel, Benjamin F., Wichita, Kans. Individual mausoleum. 1,986,931; Jan. 8.
- Kreidel, Hans, Wiesbaden, Germany. Lubricating device. 1,993,482; Mar. 5.

- Kreider, Gideon R., Jr., Lebanon, Pa. Method and apparatus for wrapping boxes. 1,987,627; Jan. 15.
- Kreider, Gideon R., Jr., Lebanon, Pa. Wrapped box. 2,018,070; Oct. 22.
- Kreider, Gideon R., Jr., Lebanon, Pa. Decorated box. 2,020,840; Nov. 12.
- Kreider, Gideon R., Jr., Lebanon, Pa. Method and apparatus for making decorated boxes. 2,021,105; Nov. 12.
- Kreider, Gideon R., Jr., Lebanon, Pa. Decorated box. 2,026,047; Dec. 31.
- Kreighbaum, Herbert S. (See Hubacher, Max H., assignor.)
- Kreighbaum, Herbert S. (See North, Clayton, O., assignor.)
- Kreighbaum, Herbert S. (See Roberts, Harold P., assignor.)
- Krein, Frederick T., Park Ridge, assignor to Vortex Cup Company, Chicago, Ill. Method and apparatus for applying insignia to confection. 1,991,617; Feb. 19.
- Krein, Frederick T., assignor to Vortex Cup Company, Park Ridge, Ill. Making confection packages. 2,000,339; May 7.
- Kreis, Joseph D., Cleveland, Ohio, assignor to E. L. Frantz, trustee for Dry Cleaning Syndicate. Distillation system. 2,020,948; Nov. 12.
- Kreis, Walter, assignor to firm, "Chemical Works formerly Sandoz," Basel, Switzerland. Cardio-active glucosides of digitalis lanata and of making same. 2,003,204; May 28.
- Kreisler, Jacques, New Rochelle, N. Y. Vanity case. 2,010,521; Aug. 6.
- Kreisler, Jacques, New Rochelle, assignor to Kreisler Stern Co. Inc., New York, N. Y. Vanity case. 1,987,533; Jan. 8.
- Kreisler Stern Co. Inc. (See Kreisler, Jacques, assignor.)
- Kreissler, Otto, Frankfurt-on-the-Main Griesheim, Germany, assignor to American Lurgi Corporation, New York, N. Y. Producing cellulose from wood and other cellulose containing material and apparatus therefor. 1,986,760; Jan. 1.
- Krekeler, Karl, Hamburg, Germany, assignor to Shell Development Company, San Francisco, Calif. Industrial water composition. 2,023,367; Dec. 3.
- Krell, Bernard M., Brooklyn, N. Y. Adjustable felling device for sewing machines. 2,007,539; July 9.
- Krell, Joseph, Berlin-Zehlendorf, Germany. Address printing and calculating machine. 1,988,904; Jan. 22.
- Krell, Joseph, Berlin-Zehlendorf, Germany. Selector for printing machines. 1,992,869; Feb. 26.
- Krell, Joseph, Berlin-Zehlendorf, Germany. Printing machine. 1,992,870; Feb. 26.
- Krell, Joseph, Berlin-Zehlendorf, Germany. Printing machine. 1,993,848; Mar. 12.
- Krell, Joseph, Berlin-Zehlendorf, Germany. Address-printing machine. 2,007,720; July 9.
- Krell, Joseph, Berlin-Zehlendorf, Germany. Printing machine. 2,008,358; July 16.
- Kremens, Abraham I. (See Raiziss, G. W. and Kremen.)
- Kremenz, Albert M., Maplewood Township, Essex County, assignor to Frank Kremenz Company, Newark, N. J. Optical device. 1,996,926; Apr. 9.
- Kremenz, Frank. (See Kremenz, Albert M., assignor.)
- Kremer, Edward H., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt connector. 2,000,598; May 7.
- Kremer, Edward H., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt connector. 2,002,897; May 28.
- Kremer, John, Southport, Conn. Treating dough products and the like. 2,023,478; Dec. 10.
- Kremers, Harry C. (See Bartlett, P. G., and Kremers.)
- Kremper, Julius, Oakland, Calif. Roofing tile. 2,002,244; May 21.
- Kremser, Hans, Bergisch-Gladbach, assignor to Humboldt-Deutzmotoren, A. G., Cologne-Deutz, Germany. Mounting for internal combustion engines. 2,018,794; Oct. 29.
- Krensky, Louis J. (See Lipsner, Benjamin B., assignor.)
- Krensky, Louis J., et al. (See Parker, Claude E., assignor.)
- Krenzler, Emil, Wuppertal-Barmen, Germany. Bobbin or braiding machine. 1,989,369; Jan. 29.
- Kress, Claude W., New York, N. Y. Heating and displaying cabinet. 2,018,024; Oct. 22.
- Kressman, Frederick W., assignor, by mesne assignments, to Continental Turpentine & Rosin Corporation, Inc., Laurel, Miss. Treatment of rosin. 1,992,754; Feb. 26.
- Kretchner, Otto, Newark, N. J., assignor to Peerless Key Company, Inc., New York, N. Y. Typewriter key cushion. 1,987,960; Jan. 15.
- Kretchner, Otto, assignor to Imperial Manufacturing Co., Newark, N. J. Sample display folder. 1,991,161; Feb. 12.
- Kreutzler, Frederic J., Elmira, N. Y., assignor to James Manufacturing Company, Fort Atkinson, Wis. Method and apparatus for the storage of hay. 1,994,654; Mar. 19.
- Kreutzler, Frederic J., Elmira, N. Y., assignor to James Manufacturing Company, Fort Atkinson, Wis. Wall construction of a feed storage mechanism. 2,007,683; July 9.
- Kreutzler, Karl. (See Schwarz, A., and Kreutzler.)
- Kreutzler, Karl, assignor to the firm J. S. Staedtler, Nuremberg, Germany. Graphite writing and drawing lead. 1,989,370; Jan. 29.
- Kreuzer, Barton, Rockaway Park, N. Y., assignor to Radio Corporation of America. Sound recording apparatus. 1,999,700; Apr. 30.
- Kreuzer, Barton, Rockaway Park, N. Y., assignor to Radio Corporation of America. Amplifier. 2,006,052; June 25.
- Krey, Willi. (See Dehnert, H. and Krey.)
- Krey, Willi. (See Finkelstein, H., and Krey.)
- Krey, Willi, Uerdingen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of compounds of the ethylene series substituted by an aromatic residue. 2,005,042; June 18.
- Krick, Arthur E., Indianapolis, Ind. Drying control. 1,997,826; Apr. 16.
- Krick, Harold T., Hazleton, Pa. Collar-stay. 2,004,288; June 11.
- Krieble, Charles C. (See Howie, K., and Krieble.)
- Krichbaum, John P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system for plural valves. 1,991,807; Feb. 19.
- Krick, James H., New York, N. Y. Apparatus for increasing the efficiency of internal combustion engines. 1,990,657; Feb. 12.
- Krieg, Alfred, and J. A. Bundy, Fort Wayne, Ind., assignors to International Harvester Company. Dual wheel mounting. 2,002,290; May 21.
- Kriegbaum, George M., and D. M. Morris, Richmond, Ind., assignors to International Harvester Company. Discharging mechanism for fertilizer drills. 2,015,563; Sept. 24.
- Kriegbaum, George M., and C. C. Haas, Richmond, Ind., assignors to International Harvester Company. Seed dispensing device for planters. 2,017,759; Oct. 15.
- Kriegel, Abraham, executor, et al. (See Kasanof, Maurice M.)
- Krieger, Adolf W., Brooklyn, N. Y. Combination aquarium. 2,000,451; May 7.
- Krieger, Adolf W., Brooklyn, N. Y. One piece folding razor. 2,005,090; June 18.
- Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Rheostat for control of relatively low voltage circuits. 1,997,258; Apr. 9.
- Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric snap switch. 1,998,962; Apr. 23.
- Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric snap switches of the double-pole type. 2,011,293; Aug. 13.
- Krieger, George H., Mason City, Iowa. Pneumatic tire pressure control. 2,008,455; July 16.
- Kries, John, Glendale, N. Y. Line adjuster. 2,000,891; May 7.
- Krisan, Rudolph M., assignor of one-fifth to J. Machech, Detroit, Mich. Tire chain. 1,998,933; Apr. 23.
- Krischer's Manufacturing Company. (See Rosenblum, Charles, assignor.)
- Krissiep, Max, and H. Staub, assignors to Textile Machine Works, Wyomissing, Pa. Braiding carrier. 2,024,104; Dec. 10.
- Kristensson, August. (See Thorssell, C. T., and Kristensson.)
- Kristof, John, New Kensington, Pa. Apparatus for turning plate glass. 2,022,242; Nov. 26.
- Kritchevsky, Wolf, Chicago, Ill. Removal of wool from animal skins. 2,005,746; June 25.
- Kritchevsky, Wolf, Chicago, Ill. Removal of wool from animal skins. 2,005,747; June 25.
- Kritchevsky, Wolf, C. J. Beckert, and J. Braver, Chicago, Ill. Rendering water-soluble compounds soluble in organic solvents and substantially water insoluble and product of such process. 2,022,678; Dec. 3.
- Kritzer, Charles C. (See Hoessel, Anthony F., assignor.)
- Krivig, Stephen J., Hillside, assignor to Baker & Company, Inc., Newark, N. J. Vibrating machine. 1,989,058; Jan. 22.
- Krivig, Stephen J., Hillside, assignor to Baker & Company, Inc., Newark, N. J. Press for bending tooth backing plates. 1,990,079; Feb. 5.
- Krivitzin, Iva. (See Smith, William J., assignor.)
- Krňanský, Rudolf, Montreal, Quebec, Canada. Dowel pin. 2,001,144; May 14.
- Kroch, Fritz. (See Teicher, Albert, assignor.)
- Kroch, Heinz, Berlin-Charlottenburg, and F. A. English, Frankfurt-on-the-Main-Niederrad, Germany. Manufacture of leather. 1,988,905; Jan. 22.
- Kroecker, Jacob D. (See Schellhammer, A. L., Andersen, and Kroecker.)
- Kroelling, Walter, Cleveland Heights, Ohio. Flying toy mechanism. 2,001,496; May 14.
- Kroenig, Walter. (See Pier, M., Kroenig, and Simon.)
- Kroenig, Walter. (See Winkler, K., and Kroenig.)
- Kroepelin, Herman H., Chicago, Ill. Preventing slipping of violin strings in tuning. 1,987,069; Jan. 8.
- Kroff, Leonard D., Chicago, Ill. Game. 2,026,048; Dec. 31.
- Kroger, Fred H., Brooklyn, N. Y., assignor to Radio Corporation of America. Ultra-short wave transmitting system. 2,017,126; Oct. 15.
- Krogh, Anker E., assignor to The Brown Instrument Company, Philadelphia, Pa. Automatic control. 2,000,235; May 7.
- Krohn, Axel N., Chicago, Ill. Vending machine. 2,020,147; Nov. 5.
- Krohn, Henry H., San Francisco, Calif. Megaphone. 2,012,538; Aug. 27.
- Krohn, Israel, et al. (See Clow, Peter, assignor.)

- Krohn, Julius J., Arcata, assignor to California Barrel Company, Ltd., San Francisco, Calif. Slat cover. 1,987,149; Jan. 8.
- Krohs, Walter. (See Bockmühl, M., Krohs, and Ehrhart.)
- Kroker, Frederick E., Washington, D. C. Bowling alley. 2,014,899; Sept. 17.
- Kroll, Nathan J. (See Kroll, Samuel, and N. J.)
- Kroll, Samuel and N. J., Chicago, Ill. Baby carriage brake and antitipping device. 2,014,055; Sept. 10.
- Kroll, Wilhelm, Luxemburg, Luxemburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Nickel alloy. 1,986,585; Jan. 1.
- Kroll, Wilhelm, Luxemburg, Luxemburg, assignor to Metal & Thermit Corporation, Carteret, N. J. Improving copper-titanium alloys. 1,991,162; Feb. 12.
- Krombie, Charles. (See Beck, William R. and A. E., and Krombie.)
- Kromm, Valentine O., Brooklyn, H. L. Kohl, Valley Stream, and C. H. Courtney de Guere, Brooklyn, N. Y. Individual wheel suspension means. 2,024,372; Dec. 17.
- Kron Company, The. (See Lynch, George, assignor.)
- Kronasser, Walter. (See Strezynski, G. J., and Kronasser.)
- Kronbach, Edwin W., Cleveland Heights, Ohio, assignor to Popsicle Service, Inc., Brooklyn, N. Y. Dipping and measuring device for liquids. 1,996,207; Apr. 2.
- Kronbach, Edwin W., Cleveland Heights, Ohio, assignor to Popsicle Service, Incorporated, Brooklyn, N. Y. Liquid filling and measuring apparatus. 2,024,130; Dec. 10.
- Kronenberger, Ferdinand, Brooklyn, N. Y. Fiber cushion holder for eggs. 2,014,551; Sept. 17.
- Kronheim, Jacob, Cleveland, Ohio. Stuffing for chairs and treating same. 1,986,345; Jan. 1.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 1,995,990; Mar. 26.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Can opener. 2,009,779; July 30.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Machine for inserting collars in metal cans. 2,011,490; Aug. 13.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Hand seamer for cans. 2,023,598; Dec. 10.
- Kronquest, Alfred L., Syracuse, N. Y., assignor to Continental Can Company, Inc., New York, N. Y. Machine for closing cans. 2,025,061; Dec. 24.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Hand flanger for cans. 2,025,350; Dec. 24.
- Kronquest, Alfred L., and S. C. Robison, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Coating material. 2,009,776; July 30.
- Kronquest, Alfred L., and S. C. Robison, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Coating material. 2,009,777; July 30.
- Kronquest, Alfred L., and S. C. Robison, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Coating material. 2,009,778; July 30.
- Kronsbein, John, Smethwick, assignor to one-half to C. F. Neale, Birmingham, England. Apparatus for the electroplating of metal objects. 1,997,334; Apr. 9.
- Kronschabl, Michael, assignor of part interest to A. Boettger, Munich, Germany. Production of negatives or positives, particularly separation negatives for color reproduction. 2,020,688; Nov. 12.
- Kronside Company, The. (See Williams, Robert C., assignor.)
- Kroppf, Wilhelm. (See Lupton, A. S., and Kroppf.)
- Kropp, Vernon G., Winfield, Kans. Burial vault. 2,024,047; Dec. 10.
- Kropp, Walter, Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Hydroxydiphenylketocarboxylic acid salts of 3-phenyl dihydroquinazolines. 2,012,394; Aug. 27.
- Kropp, Walter, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Complex compound of alkali and alkaline earth-metal halides. 2,017,976; Oct. 22.
- Kropp, Walter, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Solutions of alkoxyphenols. 2,025,869; Dec. 31.
- Krost, Bruce B. (See May, Gilbert R., assignor.)
- Krotzer, Henry W., Pleasantville, assignor to The Borden Company, New York, N. Y. Refrigerated vehicle. 2,016,277; Oct. 8.
- Krout, Ray W., Paterson, assignor to Charms Company, Newark, N. J. Container. 2,011,179; Aug. 13.
- Kroydon Company, The. (See Krauter, Arthur A., assignor.)
- Krtil, Charles, Cleveland, Ohio. Material separating-sifting-extrusion device. 1,999,569; Apr. 30.
- Kruczek, Andrew B., Detroit, Mich. Printing device. 2,002,698; May 28.
- Krueger, Albert P., Berkeley, Calif. Antigen and producing it. 2,011,225; Aug. 13.
- Krueger, Emil M., assignor to Badger Meter Manufacturing Company, Milwaukee, Wis. Water meter cover. 2,016,608; Oct. 8.
- Krueger, Ernst A. (See Yeoman, George V., assignor.)
- Krueger, Frank, assignor to E. W. Bliss Company, Brooklyn, N. Y. Feed mechanism for can bodies. 1,998,724; Apr. 23.
- Krueger, Herbert H. (See Hofmann, Edmund, assignor.)
- Krueger, Herbert H., assignor to Advertising Metal Display Co. Inc., Chicago, Ill. Display board. 1,998,243; Apr. 16.
- Krueger, Herman S., Niagara Falls, N. Y. Corkscrew. 1,990,289; Feb. 5.
- Krueger, Richard G., New York, N. Y. Musical toy. 1,994,954; Mar. 19.
- Krueger, Theodore H., Stratford, Conn. Tape serving machine. 2,021,314; Nov. 19.
- Krueger, Theodore H. and A. P., assignors to Better Packages Inc., New York, N. Y. Strip serving device. 1,987,197; Jan. 8.
- Kruer, Albert H. (See Wells, E. C., and Kruer.)
- Kruit, Joseph, Rockaway, N. J., assignor to Stapling Machines Co. Connecting wire ends. 2,018,176; Oct. 22.
- Kruit, Joseph, Rockaway, N. J., assignor to Stapling Machines Co. Equipping box binding wires with fastening means. 2,018,177; Oct. 22.
- Krug, Carl, Frankfurt-on-the-Main, Germany. Grinding disk. 2,004,630; June 11.
- Krug, Everett. (See Carpenter, A. D., and Krug.)
- Krug, Frederick H., Tacoma, Wash. Method and attachment to photographic enlarging machines for making pictures. 2,019,498; Nov. 5.
- Krug, Harold F., Grosse Pointe Park, Mich. Aircraft. 2,004,411; June 11.
- Krug, William F., Jr., Wilmington, and F. A. McDermott, Claymont, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of glycerol by fermentation. 1,990,908; Feb. 12.
- Kruger, Charles M., Litchfield, Ill. Bottle crate. 1,995,310; Mar. 26.
- Krull, Samuel, New York, N. Y. Lady's coat. Des. 95,047; Apr. 2.
- Krum, Howard L. (See Kleinschmidt, E. E., Krum and Potts.)
- Krum, Howard L., Kenilworth, assignor to Teletype Corporation, Chicago, Ill. Selecting mechanism. 1,989,698; Feb. 5.
- Krum, Howard L., Kenilworth, and A. H. Reiber, Evans-ton, assignors to Teletype Corporation, Chicago, Ill. Mechanical end-of-line indicator. 2,014,938; Sept. 17.
- Krum, Howard L., Kenilworth, and A. H. Reiber, Chicago, assignors to Teletype Corporation, Chicago, Ill. Keyboard perforator and counter. 2,024,006; Dec. 10.
- Krumbhaar, Wilhelm, Detroit, Mich. Treating natural gums and product resulting therefrom. 2,007,333; July 9.
- Krumbhaar, Wilhelm, assignor to Beck, Koller & Company, Inc., Detroit, Mich. Catalytic process of polymerizing oil and polymerization accelerator employed therein. 2,024,103; Dec. 10.
- Krumbhaar, Wilhelm, assignor to Beck, Koller & Company, Inc., Detroit, Mich. Producing siccatives. 2,025,870; Dec. 31.
- Krumholz, Alfred F., Chicago, Ill. Mechanism for laying out curves. 2,018,594; Oct. 29.
- Krupp, Fried., Aktiengesellschaft. (See Ammann, Ernst, assignor.)
- Krupp, Fried., Aktiengesellschaft. (See Egen, Heinrich, assignor.)
- Krupp, Fried., Aktiengesellschaft. (See Ehlers, Walther, assignor.)
- Krupp, Fried., Aktiengesellschaft. (See Louis, Martin, assignor.)
- Krupp, Fried., Aktiengesellschaft. (See Nortz, Franz, assignor.)
- Krupp, Fried., Aktiengesellschaft. (See Schrotter, K., and Wolff, assignors.)
- Krupp, Fried., Germanlawerft Aktiengesellschaft. (See Mohr, Karl, assignor.)
- Krupp, Fried., Grusonwerk Aktiengesellschaft. (See Brunswick, Gerhard, assignor.)
- Krupp, Fried., Grusonwerk Aktiengesellschaft. (See Gerasch, Ernst, assignor.)
- Krupp, Fried., Grusonwerk Aktiengesellschaft. (See Johannsen, Friedrich, assignor.)
- Krupp, Fried., Grusonwerk Aktiengesellschaft. (See Leysner, Arthur, assignor.)
- Krupp, Fried., Grusonwerk Aktiengesellschaft. (See Linke, Gerhard, assignor.)
- Krupp, Fried., Grusonwerk Aktiengesellschaft. (See Schieferstein, H., and Linke, assignors.)
- Krus, Adolf. (See Eulenstein, F., and Krus.)
- Kruse, Bernard. (See Wallmann, C., Grossweischede, and Kruse.)
- Kruse Company. (See Kruse, Robert W., assignor.)
- Kruse, Gustave, Newark, N. J. Hand bag. 2,005,791; June 25.
- Kruse, Hermann, Bremen-Sebaldsbruck, Germany. Method and apparatus for nailing flanges. 2,008,831; July 23.
- Kruse, Hermann H. J., Hemelingen, near Bremen, Germany, assignor to No-Nail Cases Proprietary Limited, London, England. Apparatus for making metal binding strips. 2,003,448; June 4.
- Kruse, John F. W., and C. W. Dawson, Oakmont and A. T. Richardson, Verona, Pa., assignors to Woodings-Verona Tool Works, Verona, Pa. Apparatus for manufacturing tie plates. 2,001,578; May 14.
- Kruse, John R., East Orange, N. J., assignor to Combustion Engineering Company, Inc., New York, N. Y. Boiler header. 2,010,672; Aug. 6.
- Kruse, Martin C., Chicago, Ill. Combination chair and cot. 2,024,170; Dec. 17.

- Kruse, Otto V., St. Davids, Pa., assignor, by mesne assignments, to Baldwin-Southwark Corporation. Free discharge valve. 2,011,641; Aug. 20.
- Kruse, Peter, assignor to E. W. Bliss Company, Brooklyn, N. Y. Machine for stacking and drying can heads. 1,993,554; Mar. 5.
- Kruse, Robert W., assignor to Kruse Company, Inc., Indianapolis, Ind. Warm air furnace. 2,022,116; Nov. 26.
- Kruse, Wildine V., Brooklyn, N. Y. Soldering apparatus for can bodies and the like. 2,023,232; Dec. 3.
- Krusich, Steven. (See Forbes, J. C., and Krusich.)
- Kruta, Erich. (See Sedlmayr, R., and Kruta.)
- Kruttschnitt, John, San Mateo, Calif. Dough cooking machine. 2,014,384; Sept. 17.
- Kryszevski, Stanley W., Carteret, and E. L. Cahoon, Westfield, N. J., assignors to Foster Wheeler Corporation, New York, N. Y. Cooling tower. 2,002,065; May 21.
- Krzeminski, Stanley S., Hartford, Conn. Pin. 2,015,149; Sept. 24.
- Krzikalla, Hans. (See Kunz, M. A., Krzikalla and Limbacher.)
- Krzikalla, Hans. (See Wagner, H., Krzikalla, and Kirsch.)
- Krzikalla, Hans, and W. Limbacher, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Complex metal compounds of azo dyestuffs. 1,991,808; Feb. 19.
- Krzikalla, Hans, Ludwigshafen-on-the-Rhine, B. Eistert, Mannheim, R. Schmitt, Darmstadt, and H. Kracker, Frankfurt-on-the-Main-Hochst, Germany. Azo dyestuffs. 2,006,740; July 2.
- Krzikalla, Hans, and K. Holzach, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Complex metal compounds of azo dyestuffs and their production. 2,019,915; Nov. 5.
- Krzikalla, Hans, and W. Limbacher, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Disazo dyestuffs. 2,023,176; Dec. 3.
- Krzyzak, Frank J., assignor to Republic Box Company, Chicago, Ill. Box construction. 1,989,320; Jan. 29.
- Krzyzak, Frank J., assignor to Republic Box Company, Chicago, Ill. Crate. 1,997,335; Apr. 9.
- Krzyzak, Frank J., assignor to Republic Box Company, Chicago, Ill. Crate. 1,999,464; Apr. 30.
- Kubach, William L. (See Donovan, J. F., and Kubach.)
- Kuballe, Arthur, assignor to Heinrich Lanz Aktiengesellschaft, Mannheim, Germany. Collapsible pipe and pneumatic transmission. 1,991,509; Feb. 19.
- Kuballe, Arthur, assignor to Heinrich Lanz, Aktiengesellschaft, Mannheim, Germany. Adjustable sieve. 2,011,365; Aug. 13.
- Kubiak, Frank, et al. (See Zemanek, Frank, assignor.)
- Kubica, Wladyslaw, Sanok, Poland, assignor to Ernst Leitz, Optische Werke, G. m. b. H., Wetzlar, Germany. Photographic camera. 2,007,016; July 2.
- Kubista, Charles L., assignor of one-half to C. M. Boelter, Le Sueur, Minn. Dry cleaning apparatus. 2,008,556; July 16.
- Kubo, Hisaji, Shiba-Ku, Tokyo, Japan. Postcard for phonographic recording. 2,010,867; Aug. 13.
- Kubo, Hisaji, Shiba-Ku, Tokyo, Japan. Sound recording and reproducing apparatus. 2,012,133; Aug. 20.
- Kubo, Hisaji, Shiba-Ku, Tokyo, Japan. Disk for phonographic recording. 2,012,134; Aug. 20.
- Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Binder support for sewing machines. 2,001,446; May 14.
- Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,011,491; Aug. 13.
- Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Strip tension device. 2,011,492; Aug. 13.
- Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Looper mechanism for sewing machines. 2,022,938; Dec. 3.
- Kucera, Peter, Bellevue, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Glass feeder. 1,997,798; Apr. 16.
- Kucera, Peter, Bellevue, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Displacement glass feeder. 1,997,799; Apr. 16.
- Kuchar, Joseph, assignor to Athey Truss Wheel Co., Chicago, Ill. Traller jack. 2,000,179; May 7.
- Kuchar, Joseph, assignor to Athey Truss Wheel Co., Chicago, Ill. Dump wagon. 2,018,178; Oct. 22.
- Kuchar, Joseph, assignor to Athey Truss Wheel Co., Chicago, Ill. Fluid pressure mechanism. 2,018,269; Oct. 22.
- Kuchar, Joseph, assignor to Athey Truss Wheel Co., Chicago, Ill. Power actuated dump wagon. 2,023,233; Dec. 3.
- Kuchar, Joseph, assignor to Athey Truss Wheel Co., Chicago, Ill. Side dump wagon. 2,023,960; Dec. 10.
- Kuchar, Joseph, assignor to Athey Truss Wheel Co., Chicago, Ill. Side dump wagon. 2,025,753; Dec. 31.
- Kucher, Andrew A., New York, N. Y. Apparatus for reproducing sound. 1,998,461; Apr. 23.
- Kucher, Andrew A., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,985,931; Jan. 1.
- Kucher, Andrew A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,022,774; Dec. 3.
- Kucher, Andrew A., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,024,295; Dec. 17.
- Kuckhoff, John C., Syracuse, N. Y. Typewriter ribbon spool. 2,016,205; Oct. 1.
- Kudolla, Milton P., Chicago, Ill. Automatic drain valve. 2,022,724; Dec. 3.
- Kuebrich, Eugene V., assignor to Buffalo Bolt Company, North Tonawanda, N. Y. Nut blank machine. 1,992,316; Feb. 26.
- Kueffer, Frederick W., deceased, by M. Kueffer, administratrix, Independence, M. K. Scott by order of court, assignor, by mesne assignments, to G. D. Beardsley, Kansas City, Mo. Supporting means for floating decks. 1,994,478; Mar. 19.
- Kueffer, Madge, administratrix. (See Kueffer, Frederick W.)
- Kuehn, Louis, assignor to Milcor Steel Company, Milwaukee, Wis. Sheet metal pipe T. 1,992,312; Feb. 26.
- Kuehne, Carl W., Elizabeth, N. J. Manufacture of stable sodium hypochlorite and product thereof. 1,996,769; Apr. 9.
- Kuehne, William, assignor to United States Gypsum Company, Chicago, Ill. Acoustical roof deck. 2,007,374; July 9.
- Kuehnelt, Henry, Elmhurst, assignor to Ainslie Knitting Machine Company, Brooklyn, N. Y. Knitting machine. 2,025,871; Dec. 31.
- Kuenhold, Otto J., Shaker Heights, assignor to The Forest City Foundries Company, Cleveland, Ohio. Furnace structure. 1,995,209; Mar. 19.
- Kuenstler, Walter E., Grantwood, N. J. Bottle cap and spreading device. 2,005,091; June 18.
- Kuenstler, Walter E., Grantwood, N. J. Bottle closure. 2,009,738; July 30.
- Kuenzli, Walter A. (See Peltier, F. D., and Kuenzli.)
- Kuenzli, Walter A., and C. E. Ploeger, Evansville, Ind., assignors to Servel, Inc., New York, N. Y. Filter. 2,021,452; Nov. 19.
- Kuettel, Glen M., Roselle, N. J., assignor to Du Pont Viscoid Company, Wilmington, Del. Polymerization. 2,008,719; July 23.
- Kuever, Rudolph A., Iowa City, Iowa, assignor to The Pepsodent Co., Chicago, Ill. Dentifrice. 2,019,142; Oct. 29.
- Kugel, Glen V., Salt Fork, Okla. Indicating attachment for plows. 2,023,053; Dec. 3.
- Kugel, William. (See Leicht, E., and Kugel.)
- Kuhbier, Fritz. (See Traube, W., and Kuhbier.)
- Kühle, Wilhelm E., and D. Prinz, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Temperature control. 1,994,076; Mar. 12.
- Kühle, Wilhelm E., and D. Prinz, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge tube. 2,014,809; Sept. 17.
- Kühle, Wilhelm E., and D. Prinz, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Short wave tube. 2,018,071; Oct. 22.
- Kühle, Wilhelm E., D. Prinz, and F. Herriger, Berlin, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge tube. 2,024,695; Dec. 17.
- Kuhlemann, Stig O. C., Stockholm, Sweden, assignor, by mesne assignments, to Irving Air Chute Company, Incorporated, Buffalo, N. Y. Quick release fastener for parachute harness. 2,003,205; May 28.
- Kuhlemann, Stig O. C., Stockholm, Sweden, assignor to Irving Air Chute Co. Inc., Buffalo, N. Y. Parachute harness. 2,011,520; Aug. 13.
- Kühlewind, Walter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Directional receiver. 2,003,372; June 4.
- Kuhlig, Paul, Kenmore, assignor to Consolidated Packaging Machinery Corp., Buffalo, N. Y. Thread take-up for sewing machines. 2,025,754; Dec. 31.
- Kuhlke, Otto J. (See Hoffman, Frank A., assignor.)
- Kuhlman, Oscar F., York, Pa., assignor to American Chain Company, Inc., Bridgeport, Conn. Lifting jack. 2,012,430; Aug. 27.
- Kuhlman, William, Berlin, Wilmersdorf, and P. Becker, Berlin, Germany, assignors to Remington Rand Inc., Buffalo, N. Y. Record card-controlled business machine. 1,998,281; Apr. 16.
- Kuhlmann, Arthur, Kiel, Germany. Arrangement for producing a helical flow of flue gases and similar media. 2,020,194; Nov. 5.
- Kuhn, Anthony, and C. H. Heitman, New York, N. Y.; said Heitman assignor to D. Reid, Weeawaken, N. J. Bottle dispensing device. 2,005,092; June 18.
- Kuhn, Clarence W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controlling device. 1,988,848; Jan. 22.
- Kuhn, Clarence W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,006,954; July 2.
- Kuhn, Frank, Detroit, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Electric iron. 1,986,346; Jan. 1.
- Kuhn, Frank, Detroit, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Electrical plug connector. 1,986,347; Jan. 1.
- Kuhn, Frederick A., Meriden, assignor to The Lyman Gun Sight Corp., Middlefield, Conn. Telescope sight mounting. 2,004,489; June 11.

- Kuhn, Frederick A., Meriden, assignor to The Lyman Gun Sight Corp., Middlefield, Conn. Telescope sight mounting. 2,018,960; Oct. 29.
- Kuhn, Frederick A., Meriden, assignor to The Lyman Gun Sight Corp., Middlefield, Conn. Telescope sight mounting. 2,018,961; Oct. 29.
- Kuhn, George, Takoma Park, Md., assignor to Butler-Kuhn Corporation, Washington, D. C. Antiglare device. 2,021,790; Nov. 19.
- Kuhn, Lee B., Brooklyn, N. Y. Memorandum card. 2,003,449; June 4.
- Kühn, Paul, Niederschelden-Sieg, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Method of producing steel in basic open hearth furnaces. 1,991,685; Feb. 19.
- Kuhne, Beat, Lewistown, Mont. Bottle cap or closure. 2,019,014; Oct. 29.
- Kühnel, Carl, Berlin-Charlottenburg, and E. Rauscher, Berlin-Niederschönhausen, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Refrigerating receptacle. 1,993,998; Mar. 12.
- Kuhner, Max H., assignor to Riley Stoker Corporation, Worcester, Mass. Boiler and superheater. 1,990,945; Feb. 12.
- Kuhner, Max H., assignor to Riley Stoker Corporation, Worcester, Mass. Boiler furnace. 1,998,510; Apr. 23.
- Kuhner, Max H., assignor to Riley Stoker Corporation, Worcester, Mass. Steam generator. 2,000,138; May 7.
- Kuhner, Max H., assignor to Riley Stoker Corporation, Worcester, Mass. Furnace wall. 2,010,597; Aug. 6.
- Kuhner, Max H., assignor to Riley Stoker Corporation, Worcester, Mass. Fuel burner. 2,018,179; Oct. 22.
- Kuhnert, Walter A., Pasadena, Calif. Removing dissolved silica from natural alkaline brines. 1,992,532; Feb. 26.
- Kuhns, Austin, Buffalo, and P. A. Manger, Eggertsville, assignors to Farrel-Birmingham Company, Inc., Buffalo, N. Y. Gear drive. 2,014,138; Sept. 10.
- Kukielski, Bernard, assignor to T. E. Wright, Jersey City, N. J. Wagon dumping mechanism. 2,012,470; Aug. 27.
- Kulas, Howard F., J. H. Crowe, and R. H. Thoms, Lakewood, assignors to The Midland Steel Products Company, Cleveland, Ohio. Apparatus for producing automobile frame side rails and analogous devices. 2,009,737; July 30.
- Kulick, Edward L. (See Kulick, Frank and E. L.)
- Kulick, Edward L., Detroit, Mich., assignor to Mallory Research Company, Toledo, Ohio. Governor control for shock absorbers. 2,013,920; Sept. 10.
- Kulick, Frank, Detroit, and E. L. Kulick, Dearborn, Mich. Engine support for automobiles. 2,001,029; May 14.
- Kulka, Eugene R., assignor to C. D. Wood Electric Co. Inc., New York, N. Y. Connector element. 2,002,291; May 21.
- Kull, Gustave A., Elkhart, Ind. Animated sign. 2,007,684; July 9.
- Kulp, Harry W., and M. C. Dellinger, Lancaster, Pa., assignors to K-D Manufacturing Company. Concrete insert anchor. 1,989,811; Feb. 5.
- Kulp, Harry W., and M. C. Dellinger, assignors to K-D Manufacturing Company, Lancaster, Pa. Valve keeper inserter. 1,996,726; Apr. 2.
- Kulp, Harry W., and M. C. Dellinger, assignors to K-D Manufacturing Company, Lancaster, Pa. Valve spring lifter. 1,998,547; Apr. 23.
- Kulp, Harry W., and M. C. Dellinger, assignors to K-D Manufacturing Company, Lancaster, Pa. Valve tool. 1,998,548; Apr. 23.
- Kulp, Harry W., and M. C. Dellinger, assignors to K-D Manufacturing Company, Lancaster, Pa. Stand. 2,005,826; June 25.
- Kulp, Harry W., and M. C. Dellinger, assignors to K-D Manufacturing Company, Lancaster, Pa. Clasp. 2,005,841; June 25.
- Külz, Fritz. (See Rosenmund, K. W., and Külz.)
- Kum-Bak Sports Toys & Games Manufacturing Company, Limited. (See Lake, Philip, assignor.)
- Kumm, Arthur, Dearborn, Mich. Fishing bait. 2,001,844; May 21.
- Kummer, Gustave A., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Lithopone. 2,021,420; Nov. 19.
- Kunc, Frank, New Rochelle, assignor to H. O. Boehme, Inc., New York, N. Y. Tape guide. 2,006,714; July 2.
- Kunc, John. (See Fulton, S. C., and Kunc.)
- Kunkle, Bayard D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Heat insulated container. 1,999,297; Apr. 30.
- Kunneke, John W., Louisville, Ky. Signal device. 1,992,827; Feb. 26.
- Kuns, Ray F., Madisonville, Ohio. Trailer chassis. 2,013,890; Sept. 10.
- Kunst, Ludwig, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Oil filled electric cable. 1,999,701; Apr. 30.
- Kuntze, Walter, Bremen, Germany, assignor to Submarine Signal Company, Boston, Mass. Acoustic echo distance measuring system. 2,019,497; Nov. 5.
- Kuntziger, Jean, H. Delecourt, and J. Raison, Liege, Belgium. Electrical resistance furnace. 1,997,524; Apr. 9.
- Kunz, Albert, Naples, Italy. Stabilized hydrogen peroxide composition. 2,022,860; Dec. 3.
- Kunz, Max A., Mannheim, G. Kränzlein, Frankfurt-Hochst-on-the-Main, K. Koeberle, Ludwigshafen-on-the-Rhine, M. Corell, Frankfurt-Hochst-on-the-Main, E. Berthold, Ludwigshafen-on-the-Rhine, and H. Vollmann, Frankfurt-Hochst-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the dibenzopyrenequinone series. 1,988,205; Jan. 15.
- Kunz, Max A., Mannheim, K. Koeberle, and E. Berthold, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Nitrogenous Polymerization product. 1,989,042; Jan. 22.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the dibenzanthrone series. 1,994,136; Mar. 12.
- Kunz, Max Albert, Mannheim, H. Krzikalla and W. Limbacher, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuff and its production. 1,995,928; Mar. 26.
- Kunz, Max A., Mannheim, Gerd Kochendoerfer, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Pyridino compounds and their production. 2,001,201; May 14.
- Kunz, Max A., Mannheim, E. Berthold, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the anthraquinoneacridone series. 2,005,321; June 18.
- Kunz, Max A., Mannheim, G. Kochendoerfer, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Compound of the azabenzanthrone series. 2,013,659; Sept. 10.
- Kunz, Max A., Mannheim, and K. Koeberle and G. Kochendoerfer, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Condensation products of the azobenzanthrone-acridine series and their production. 2,023,479; Dec. 10.
- Kunz, Max A., Mannheim, G. Kochendoerfer, Ludwigshafen-on-the-Rhine, K. Maurach, Bad Dürkheim, and W. Limbacher, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs and their production. 2,025,991; Dec. 31.
- Kunz, William W., Buffalo, assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Overload switch for blast heaters. 2,006,810; July 2.
- Kunze, Edwin A. (See White, W. A., and Kunze.)
- Kunze, Ernest L., Chemnitz, Germany. Shock absorber. 2,001,202; May 14.
- Kunze, Paul W., Dresden, Germany. Obtaining asphalt and asphaltlike substances from acid resins and acid tar. 2,016,721; Oct. 8.
- Kunze, Willy, Bremen, Germany, assignor to Submarine Signal Company, Boston, Mass. Method and apparatus for measuring time intervals. 1,991,396; Feb. 19.
- Kunze, Willy, Bremen, Germany, assignor to Submarine Signal Company, Boston, Mass. Towing device. 2,009,451; July 30.
- Kunze, Willy, Bremen, Germany, assignor to Submarine Signal Company, Boston, Mass. Compensator. 2,024,234; Dec. 17.
- Kupec, Joseph F., Lincoln, Nebr. Detachable sash. 2,016,500; Oct. 8.
- Kipers Metallwerke G. m. b. H. (See Luschenowsky, Alexander, assignor.)
- Kupfer, Julius, Brooklyn, N. Y. Combination seat-cabinet and table. 2,025,393; Dec. 24.
- Kuppel, Hermann, and L. Simeant, assignors to Société Responsabilité Limitée Kuppel & Simeant, Clichy, France. Obtaining products of great value easily and rapidly, by electrolytic means. 2,007,091; July 2.
- Küppenbender, Heinz, Dresden, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Combined photographic camera and distance meter. 2,010,268; Aug. 6.
- Küppenbender, Heinz, and M. Nowicki, Dresden, assignors to Zeiss Ikon Aktiengesellschaft Dresden, Dresden, Germany. Mirror basis distance meter with view finder. 2,015,314; Sept. 24.
- Küppenbender, Heinz, and M. Nowicki, assignors to Zeiss Ikon Aktiengesellschaft Dresden, Dresden, Germany. Combined distance meter and view finder. 2,023,838; Dec. 10.
- Kupper, William, Lakewood, Ohio. Miniature building construction. 2,006,462; July 2.
- Kuppers Metallwerke, Gesellschaft m. b. H. (See Müller, Richard E., assignor.)
- Kupplinger, William C., East Rochester, assignor to Filtros Incorporated, Rochester, N. Y. Filtering composition and making the same. 2,008,327; July 16.
- Kurd, William J., Brooklyn, and V. Lombardi, Garden City, assignors to Lombardi Knitting Machine Co. Inc., New York, N. Y. Knitting machine. 2,007,573; July 9.
- Kurkjian, Yervant H., Paterson, N. J. Nipple. 2,010,637; Aug. 6.
- Kurkjian, Yervant H., Paterson, N. J., assignor to C. Schmid, New York, N. Y. Spring nipple clamp. 2,006,358; July 2.
- Kurlan, Sidney, Rochester, N. Y., assignor to G. C. Clark, Beverly Hills, Calif. Adjustable connecting device for use in manufacturing shoe lasts. 2,014,575; Sept. 17.
- Kurlan, Sidney, Rochester, N. Y., assignor to George C. Clark, Beverly Hills, Calif. Shoe last. 2,021,258; Nov. 19.

- Kurlander, John H., Nutley, N. J., assignor to Westinghouse Lamp Company. Flash lamp. 1,991,753; Feb. 19.
- Kurlander, John H., Nutley, N. J., assignor to Westinghouse Lamp Company. Photoflash lamp. 1,996,621; Apr. 2.
- Kurlash Company, Inc., The. (See Tuttle, W. R., and Stickel, assignors.)
- Kurlinski, Thaddeus, Bay City, Mich. Self-sealing closure for collapsible tubes. 1,998,934; Apr. 23.
- Kurrash, Chester A. (See Schlack, Herman C., assignor.)
- Kürten, Wilhelm, Cologne-on-the-Rhine, assignor to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Apparatus for gaseous development of light-sensitive material, especially of diazo-type by means of ammonia gas. 2,009,962; July 30.
- Kurth, Herman, Newark, N. J. Machine for delivering sheets. 2,024,583; Dec. 17.
- Kurtz, Andrew, Allentown, Pa. Foot warming device. 2,025,950; Dec. 31.
- Kurtz, Cyrus B., Cleveland, Ohio. Lamp. 2,001,030; May 14.
- Kurtz, Edward, L. J., and V. L., Cleveland, Ohio; said L. J. Kurtz and said V. L. Kurtz assignors to E. Kurtz. Cleaner or applicator. 1,989,201; Jan. 29.
- Kurtz, Hans, Reutlingen, Germany. Making endless metal cloths or wire fabrics. 2,020,894; Nov. 12.
- Kurtz, Leonard J. (See Kurtz, Edward, L. J., and V. L.)
- Kurtz, Stewart S., Jr. (See Perkins, I. M., and Kurtz, Jr.)
- Kurtz, Vernus L. (See Kurtz, Edward, L. J., and V. L.)
- Kurtze, Reimar C., deceased, A. Morgan, administrator, assignor to Republic Steel Corporation, Youngstown, Ohio. Tube forming roll. 1,989,059; Jan. 22.
- Kurtze, Reimar C. F., Youngstown, Ohio, deceased, Arthur Morgan, administrator, assignor to Republic Steel Corporation. Apparatus for electrically welding tubing. 1,998,139; Apr. 16.
- Kurtze, Reimar C. F., A. Morgan, administrator of said Kurtze, deceased, assignor to Republic Steel Corporation, Youngstown, Ohio. Electric seam welding apparatus. 2,006,835; July 2.
- Kurtze, Reimar C. F., deceased, Youngstown, Arthur Morgan, administrator, assignor to Republic Steel Corporation, Youngstown, Ohio. Electric seam welding. 2,009,501; July 30.
- Kurtze, Reimar, C. F., deceased, Youngstown, Ohio, A. Morgan, administrator, assignor to Republic Steel Corporation, Youngstown, Ohio. Method and apparatus for forming tubes. 2,012,796; Aug. 27.
- Kurz, Arthur L., assignor to Kurz Company, Chicago, Ill. Mixing device. 2,002,323; May 21.
- Kurz Company. (See Kurz, Arthur L., assignor.)
- Kurz, Konrad, Furth, Germany. Producing an embossing foil by providing a support adapted to be embossed with a mirror coating. 2,017,367; Oct. 15.
- Kurz, Georg, Jr., Weissenhorn-Bayern, Germany. Bracelet extension device. 1,990,385; Feb. 5.
- Kurz-Kasch Company, The. (See Terrill, Clair J., assignor.)
- Kusche, Reinhold, Los Angeles, Calif. Combined cream separator and closure for milk bottles. 2,008,254; July 16.
- Kushera, William H., and F. M. Brackett, assignors to The Brackett Stripping Machine Company, Topeka, Kans. Apparatus for tip gluing paper sheets and the like. 2,024,932; Dec. 17.
- Kushinsky, Albert, Perth Amboy, N. J. Arch support. 2,001,203; May 14.
- Kushner, John, Farrell, Pa. Toy. 2,006,274; June 25.
- Kuss, Ernst, Mannheim, and E. Germann, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of metal carbamates. 2,023,890; Dec. 10.
- Kussmaul, Walter. (See Stoll, A., Binkert, and Kussmaul.)
- Kussmaul, Walter, assignor to the firm Chemical Works formerly Sandoz, Basel, Switzerland. Manufacture of new stable antimony compounds. 1,991,283; Feb. 12.
- Kussmaul, Walter, assignor to the firm Chemical Works formerly Sandoz, Basel, Switzerland. Manufacture of antimony compounds. 2,007,092; July 2.
- Kutas, Andor, assignor to the firm Victoria Vegyeszeti Művek R. T., Budapest, Hungary. Producing a material for protecting surfaces against rust, decomposition, heat, fire, and the like. 2,009,807; July 30.
- Kutcher, Charles A., Sheridan, Wyo. Gas mixing apparatus. 2,012,570; Aug. 27.
- Kutcher, Charles A., Sheridan, Wyo. Air cleaner and humidifier. 2,012,571; Aug. 27.
- Kutchka, Karl G. (See Fox, J. H., and Kutchka.)
- Kutchka, Karl G. (See Showers, L., and Kutchka.)
- Kutchka, Karl G., Wilkinsburg, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for making sheet glass. 1,983,560; Jan. 22.
- Kutchka, Karl G., Wilkinsburg, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for making sheet glass. 2,021,186; Nov. 19.
- Kutsukian, Frank, Boulogne sur Seine, France. Tipping body. 2,010,269; Aug. 6.
- Kutter, Herman L., assignor to The Black-Clawson Company, Hamilton, Ohio. Paper machinery. 1,986,977; Jan. 8.
- Kutter, Herman L., assignor to The Black-Clawson Company, Hamilton, Ohio. Paper making machine. 1,988,247; Jan. 15.
- Kutz, Walter M. (See Clark, F. M., and Kutz.)
- Kutzner, Fred. (See Dreyer, A., and (Kutzner, assignor).)
- Kutzner, Willy. (See Dreyer, A., and Kutzner.)
- Kuwada, Gompel, Maetani-Mura, Kawabe-Gun, Japan. Free running spinning ring. 2,017,313; Oct. 15.
- Kuwada, Gompel, Maedani-mura, Kawabe-gun, Japan. Spinning spindle. 2,024,584; Dec. 17.
- Kux, Albert S., Chicago, Ill. Die casting machine. 1,994,824; Mar. 19.
- Kux, Albert S., Chicago, Ill. Wrapping machine. 2,017,314; Oct. 15.
- Kuxbick, Joseph N., and J. A. Lange, assignors to Raybestos-Manhattan, Inc., Passaic, N. J. Manufacture of rubber bonded abrasive products. 1,990,737; Feb. 12.
- Kuyper, Peter H., assignor to Rolscreen Company, Pella, Iowa. Venetian blind construction. 1,993,173; Mar. 5.
- Kuyper, Peter H., assignor to Rolscreen Company, Pella, Iowa. Venetian blind construction. 2,017,541; Oct. 15.
- Kuzel, Herman F. J., Dunellen, N. J. Amusement device. 2,017,099; Oct. 15.
- Kuzell, Charles R., Clarkdale, Ariz., assignor, by mesne assignments to Phelps Dodge Corporation, New York, N. Y. Metallurgical furnace. 2,013,966; Sept. 10.
- Kuzell, Charles R., J. R. Marston, and F. X. Mooney, assignors to United Verdi Copper Company, Clarkdale, Ariz. Acidproof composition. 1,998,935; Apr. 23.
- Kuzmick, Joseph N., assignor to The Manhattan Rubber Manufacturing Division of Raybestos-Manhattan, Inc., Passaic, N. J. Manufacture of molded compositions for brake linings or similar articles. 2,025,951; Dec. 31.
- Kyriacou, Nicolas, Saint Germain-en-Laye, France. Compound tunnel or flame furnace. 2,024,048; Dec. 10.
- Kvaal, Albert, assignor to A/S Elektrisk Bureau, Oslo, Germany. Alternating current alarm. 1,995,457; Mar. 26.
- Kvarnstrom, Alfred T., assignor of one-half to B. L. Quarrenstrom, Detroit, Mich. Wheel and making same. 1,998,674; Apr. 23.
- Kwartin, Bernard, Brooklyn, N. Y. Electronic receiver for disk transmitters. 1,987,686; Jan. 15.
- Kwartin, Bernard, Brooklyn, N. Y. Regenerative sound recording device. 2,005,425; June 18.
- Kyle, George L., assignor to U S L Battery Corporation, Niagara Falls, N. Y. Storage battery construction. 2,002,267; May 21.
- Kylén, Karl E., assignor to Aktiebolaget Svenska Kullagerfabriken, Gottenborg, Sweden. Bond or tie for built-up crank shafts. 1,990,456; Feb. 5.
- Kylén, Karl E., assignor to Aktiebolaget Svenska Kullagerfabriken, Gottenborg, Sweden. Built-up crank shaft. 2,009,971; July 30.
- Kyrides, Lucas P., Webster Groves, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Neutral cresylic acid ester of phthalic acid and manufacturing the same. 1,989,699; Feb. 5.
- Kyrides, Lucas P., assignor to Monsanto Chemical Company, St. Louis, Mo. Chlor-sulphonated aromatic hydrocarbons. 1,993,722; Mar. 5.
- Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Cellulose ester compositions. 1,993,723; Mar. 5.
- Kyrides, Lucas P., St. Louis, Mo., assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Aromatic ether of glycol. 2,015,115; Sept. 24.
- Kyser, Smith, Philadelphia, Pa., assignor to Aircraft Specialties, Inc. Tool for inserting valve lock washers or keepers. 2,002,016; May 21.
- Kysor, Walter A., assignor of one-half to J. R. Huggins, Cadillac, Mich. Nozzle. 1,990,386; Feb. 5.
- L. A. B. Corporation. (See Lum, Philip L. S., assignor.)
- L. C. L. Corporation, The. (See Woodruff, Graham C., assignor.)
- L. P. R. Company. (See Leigh, Alfredo G., assignor.)
- Laabs, Max A., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 1,990,126; Feb. 5.
- Laabs, Max A., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens and making same. 1,995,680; Mar. 26.
- Laabs, Max A., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens and making the same. 2,004,815; June 11.
- Labadie, Harry H., Chicago, and B. B. Beers, Park Ridge, Ill. Carrying case. 1,992,435; Feb. 26.
- Labarre, Robert V., Los Angeles, Calif. Soil testing apparatus. 1,993,103; Mar. 5.
- LaBaw, Lonzo B., La Fayette, Ind. Casting practice equipment. 2,021,792; Nov. 19.
- L'Abée-Lünd Aktieselskap. (See L'Abée-Lünd, Johan H., assignor.)
- L'Abée-Lünd, Johan H., Slemdal, near Oslo, assignor to L'Abée-Lünd Aktieselskap, Oslo, Norway. Skibinding device. 1,998,879; Apr. 23.
- Labin, Frank R., Buffalo, N. Y. Ironer. 2,009,626; July 30.
- La Bombard, Leon E., assignor to Oswego Falls Corporation, Fulton, N. Y. Collapsible handle for cups and the like. 1,999,878; Apr. 30.
- La Bombard, Leon E., assignor to Oswego Falls Corporation, Fulton, N. Y. Bottle closure disk. 1,999,934; Apr. 30.
- Laborda, Richard, Brooklyn, N. Y. Vehicular toy and exerciser. 2,017,213; Oct. 15.
- La Bour, Harry E., Elkhart, Ind. Gathering valve for pumping system. 1,987,070; Jan. 8.

- LaBour, Harry E., Elkhart, Ind. Pump construction. 1,993,999; Mar. 12.
- LaBour, Harry E., Elkhart, Ind. Self priming pump. 2,005,466; June 18.
- La Bour, Harry E., Homewood, Ill. Centrifugal pump. 2,019,143; Oct. 29.
- Labowitz, Leonard S., Cleveland, Ohio, and A. Lastfogel; said Lastfogel, assignors to William Morris Agency, New York, N. Y. Associated package and sound record. 2,020,381; Nov. 12.
- La Breck, Frank A., Eau Claire, Wis. Obstetrical forceps. 2,010,493; Aug. 6.
- La Brie, Eugene A. (See Geisel, Carl R., assignor.)
- La Brie, Ludger E., et al. (See Bendix, V. and La Brie.)
- La Brie, Ludger E. (See McConkey, M. W. and La Brie.)
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,989,202; Jan. 29.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,994,825; Mar. 19.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,996,248; Apr. 2.
- La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 1,998,675; Apr. 23.
- La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake shoe. 1,998,676; Apr. 23.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,002,017; May 21.
- La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,006,397; July 2.
- LaBrie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,009,112; July 23.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,018,962; Oct. 29.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,022,046; Nov. 26.
- LaBrie, Ludger E., assignor to The Lubrication Corporation, South Bend, Ind. Chassis lubricating system. 2,025,231; Dec. 24.
- Labus, Otto A., Wisconsin Rapids, Wis. Apparatus for treatment of vermiculite. 1,992,669; Feb. 26.
- Lacey, Bernard W. D., Ward Edn, Birmingham, and P. J. Bawcutt, Yardley, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Road covering surface and the like. 2,023,688; Dec. 10.
- Lacey, Fred E., Bridgeport, Conn. Lawn mower sharpening attachment. 1,998,585; Apr. 23.
- Lacey, Harry A., Schenectady, N. Y., assignor to General Electric Company. Apparatus for and method of making metallic bellows. 2,014,972; Sept. 17.
- Lacey, Maurice A., Highland Park, Mich. Automatic gear shifter. 2,013,388; Sept. 3.
- La Chappelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting machine. 1,986,932; Jan. 8.
- La Chappelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method and means for use in lasting shoes. 1,997,732; Apr. 16.
- La Chappelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Means and method for use in lasting shoes. 2,007,273; July 9.
- La Chappelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,010,090; Aug. 6.
- La Chappelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method and means for use in making shoes. 2,010,091; Aug. 6.
- La Chappelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting machine. 2,019,573; Nov. 5.
- La Chappelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping shoe uppers. 2,024,171; Dec. 17.
- Lack, Arnold, Wilmette, and O. E. Stromberg, Chicago, Ill.; said Lack assignor to said Stromberg. Seal for rotary engines and the like. 1,994,858; Mar. 19.
- Lack, Arnold S., Beloit, assignor to Fairbanks, Morse & Co., Chicago, Ill. Internal combustion engine. 2,002,668; May 28.
- Lack, Sydney W., Waverley, near Sydney, New South Wales, Australia. Machine for concentrating ores and amalgamating gold ores. 1,988,500; Jan. 22.
- Lacke, Joseph L., Stockton, Calif. Pump for thermal jugs. 2,022,208; Nov. 26.
- Lackenbach, Armand E., New York, N. Y. Permanent waving device. 2,018,367; Oct. 22.
- Lackey, Riley G., New Holland, Ga., assignor to Draper Corporation, Hopedale, Mass. Bobbin supporting device. 2,001,667; May 14.
- Laclede Christy Clay Products Company. (See Burnet, Samuel F., assignor.)
- Laclede Christy Clay Products Company. (See McKelvey, J. H., and Rogers, assignors.)
- Lacleod, Eldon, et al., trustees. (See Dahl, Edward T., assignor.)
- Lackner, Rolph J., Ozone Park, N. Y. Nut lock. 2,006,359; July 2.
- Lacomble, Antoine E., San Mateo, assignor to Shell Development Company, San Francisco, Calif. Producing pure mercaptans. 2,009,554; July 30.
- La Corte, Anthony F., S. Modzelewski, and J. A. Klyczek, Chicago Heights, Ill. Confection casting mold. 1,988,906; Jan. 22.
- La Course, Eugene A. (See Anello, T. P., and La Course.)
- La Croix, Arthur A., assignor to Hyde Manufacturing Company, Southbridge, Mass. Knife. 2,021,656; Nov. 19.
- Lacroix, George U. (See Hano, E., Lacroix, and Hogan.)
- Lacy, Benjamin B., assignor of one-half to H. E. Elrod, Houston, Tex. Prime mover. 1,990,872; Feb. 12.
- Lacy, Burritt S., Red Bank, and H. A. Bond, Metuchen, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Apparatus for effecting gas reactions. 1,986,348; Jan. 1.
- Lacy, Kenneth B., Highland Park, assignor to Van Schaack Bros. Chemical Works, Inc., Chicago, Ill. Reacting olefines with sulphuric acid. 1,991,948; Feb. 19.
- Lacy, Kenneth B., Highland Park, assignor to Van Schaack Bros. Chemical Works, Inc., Chicago, Ill. Minimizing polymerization. 2,009,062; July 23.
- Lacy, Mack G. (See Payne, E. L., and Lacy.)
- Lacy, Paul B., E. F. Libby, and R. V. Metz, Covington, Va., assignors to Industrial Chemical Sales Company, Inc., New York, N. Y. Metal digester having a corrosion resistant metal lining. 2,022,378; Nov. 26.
- Ladd, Edward T., Lewistown Heights, assignor to Isco Chemical Company, Inc., Niagara Falls, N. Y. Producing hydrated ferric chloride. 2,021,791; Nov. 19.
- Ladd, Lester L., Lockport, Ill. Conveyor for kilns. 2,003,450; June 4.
- Ladd, Lester L., Lockport Ill. Kiln. 2,003,451; June 4.
- Laddon, Isaac M., W. A. Ring, and F. W. Herman, Dayton, Ohio, assignors to Bendix Brake Company, Chicago, Ill. Operating mechanism. 1,998,677; Apr. 23.
- Lademann, William L., Bronx, N. Y. Elevator apparatus. 2,000,704; May 7.
- Ladewig, Archie E., and G. F. Soelch, Waukesha, Wis. Bottle washing machine. 2,024,373; Dec. 17.
- Ladin, Morris, Brooklyn, assignor to Economy Bias Binding Company, New York, N. Y. Clamp for display packages. 1,990,946; Feb. 12.
- Ladish Drop Forge Company. (See Gladson, Clifford C., assignor.)
- La Dispersion Cathodique, Société Anonyme. (See Kisfaludy, István P., assignor.)
- Ladner, Henry, Jersey City, N. J., assignor to American Telephone & Telegraph Company. Automatic bias eliminator. 2,017,977; Oct. 22.
- Ladson, Arthur. (See du Plantier, Titan, D., assignor.)
- Ladwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail car truck. 2,003,546; June 4.
- Laemmel, Charles A., assignor to Atlantic Service Company, Inc., Brooklyn, N. Y. Knife for food choppers. 1,986,933; Jan. 8.
- Laemmel, Charles A., assignor to Atlantic Service Company, Inc., Brooklyn, N. Y. Food chopper. 1,986,934; Jan. 8.
- Laemmel, Charles A., Brooklyn, assignor to Atlantic Service Company, Inc., Brooklyn, N. Y. Forming eyelets on meat saws and the like. 2,004,700; June 11.
- Laencher, Frederick W., Flushing, assignor to A. Kimball Company, New York, N. Y. Tag marking machine. 1,986,678; Jan. 1.
- Lafair, Samuel, Philadelphia, Pa. Ornamental picture and making the same. 1,993,889; Mar. 12.
- La Petra, Harry L., New York, N. Y. Collapsible table unit. 2,014,257; Sept. 10.
- La Petra, Harry L., New York, N. Y. Collapsible chair. 2,023,234; Dec. 3.
- Lafferty, Arthur R., assignor to Burroughs Adding Machine Company, Detroit, Mich. Chair base. 2,021,187; Nov. 19.
- Lafferty, Herbert R., assignor to Red Jacket Mfg. Co., Davenport, Iowa. Self-lubricating pump. 2,026,349; Dec. 31.
- Lafferty, Robert C., Jr., Charleston, W. Va. Valve. 1,989,870; Feb. 5.
- Laffey, William J., Memphis, and J. F. Guy, Whitehaven, Tenn. Truck or trailer body. 1,990,335; Feb. 5.
- LaFitte, Théodore J-B., Paris, France, assignor to Eclipse Machine Company, Elmira Heights, Elmira, N. Y. Engine starter. 1,997,733; Apr. 16.
- La Fitte, Theodore J-B., Paris, France, assignor to Eclipse Machine Company, Elmira, N. Y. Starting mechanism. 2,015,684; Oct. 1.
- LaFitte, Théodore J-B., Paris, France, assignor to Eclipse Machine Company, Elmira Heights, Elmira, N. Y. Starting mechanism. 2,020,789; Nov. 12.
- La Flamme, Frank, East Tawas, Mich. Fertilizer spreader. 2,013,158; Sept. 3.
- Lafond, Everett, and A. J. Luebke, Two Rivers, Wis. Fishing net float. 1,999,702; Apr. 30.
- La Forest, Louis Z., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonographic record resurfacing machine. 1,991,949; Feb. 19.
- La Forest, Louis Z., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonographic record resurfacing machine. 1,999,570; Apr. 30.
- Lagaard, Alexander S. T. (See Ehle, H. B., and Lagaard.)
- Laganas, George. (See Meisel, Charles A., and O. C. F., assignors.)
- Laganas, George et al. (See Thompson, John L., assignor.)
- Laganke, Wilbur E., East Cleveland, Ohio. Switch. 2,025,872; Dec. 31.
- LaGarde, Henri, LaVarenne, assignor to l'Air Liquide Société Anonyme pour l'Etude & l'Exploitation des Procédés Georges Claude, Paris, France. Process of and apparatus for transferring liquefied gases. 1,998,629; Apr. 23.

- Lagerholm, Carl J., Attleboro, assignor to Evans Case Company, North Attleboro Mass. Lighter construction. 2,019,432; Oct. 29.
- Lagerholm, Carl J., Attleboro, assignor to Evans Case Company, North Attleboro, Mass. Pyrophoric lighter. 2,019,433; Oct. 29.
- Lagonda Manufacturing Company, The. (See Baker, Virgil H., assignor.)
- LaGrange, Arthur, Vinton, Iowa. Label dispensing and moistening machine. 2,005,898; June 25.
- Lagrange, Jean. (See Grosset, G., Hudeley, and Lagrange.)
- Lagrange, Jean. (See Rodde, A., Hérault, Hudeley, and Lagrange.)
- La Grua, James C., assignor to National Folding Box Company, New Haven, Conn. Carton. 1,992,222; Feb. 26.
- La Grua, James C., assignor to National Folding Box Company, New Haven, Conn. Container. 2,016,863; Oct. 8.
- Lahey, Richard W., New Rochelle, N. Y., and H. A. Kast, Erie, Pa., assignors to American Cyanamid & Chemical Corporation, New York, N. Y. Carboy cushion. 2,021,878; Nov. 19.
- Lahey, Richard W., New Rochelle, N. Y., and K. M. Sieg, Elizabeth, N. J., assignors to American Cyanamid & Chemical Corporation, Elizabeth, N. J. Carboy package. 2,021,879; Nov. 19.
- Lahl, Alfred. (See Amann, M., and Lahl.)
- Lahn, Frederick C., assignor of ten per cent to P. W. Valentine and five per cent to P. Leanza, Brooklyn, N. Y. Burner attachment. 2,017,663; Oct. 15.
- La Hodny, William, Buffalo, N. Y. Mounting for plates. 2,017,627; Oct. 15.
- La Hodny, William, Buffalo, and W. Szyminski, Lake View, assignors to Standard Mirror Company, Inc., Buffalo, N. Y. Bracket for mirrors and the like. 1,992,828; Feb. 26.
- Lahr, Thomas M., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Die and making the same. 2,010,673; Aug. 6.
- Lahti, Aimo J., Jyväskylä, Finland. Machine gun. 1,987,939; Jan. 15.
- Laib, William L., Chicago, Ill. Drying apparatus. 1,991,222; Feb. 12.
- Laib, William L., Oak Park, assignor to Reynolds Electric Company, Chicago, Ill. Electric circuit controller for electric sign flashers, signaling devices and similar mechanisms. 2,005,230; June 18.
- Laib, William L., Oak Park, assignor to Reynolds Electric Company, Chicago, Ill. Vegetable peeling machine. 2,009,627; July 30.
- Laico, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manufacture of electron discharge devices. 2,024,585; Dec. 17.
- Laidlaw, W. A., Wire Co. (See Mueller, Victor J., assignor.)
- Laing, Torrance R., assignor to W. Rabkin, New York, N. Y. Camera. 2,014,437; Sept. 17.
- L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude. (See LaGarde, Henri, assignor.)
- Lair, Walter B., Scotia, N. Y., assignor to General Electric Company. Welding electrodes. 2,010,695; Aug. 6.
- Laird, Joseph S., assignor to Ford Motor Company, Dearborn, Mich. Producing magnesium chloride. 2,019,265; Oct. 29.
- Laird, Wilbur G., Pleasantville, N. Y. Fin radiator. 1,985,932; Jan. 1.
- Laird, Wilbur G., Pleasantville, N. Y. Fin radiator. 2,011,900; Aug. 20.
- Laird, Wilbur G., Pleasantville, assignor to Doherty Research Company, New York, N. Y. Fluid storage and treatment. 2,010,798; Aug. 6.
- Laird, Wilbur G., Pleasantville, assignor to Doherty Research Company, New York, N. Y. Fluid storage system. 2,018,270; Oct. 22.
- Laise, Clemens A., Haworth, N. J., assignor to Eisler Electric Corporation. Composite wire. 1,989,236; Jan. 29.
- Laise, Clemens A., Tenafly, assignor to Haworth Securities Corporation, Union City, N. J. Radiating apparatus. 1,991,510; Feb. 19.
- Laise, Clemens A., Tenafly, assignor to Eisler Electric Corporation, Union City, N. J. Electrode or contact mechanism. 2,018,073; Oct. 22.
- Laist, Frederick, Scarsdale, assignor to Anaconda Copper Mining Company, New York, N. Y. Metallurgy. 2,023,424; Dec. 10.
- Lalzé, Auguste, LaBoualle, France. Traction device. 1,989,321; Jan. 29.
- Lake, Albert, assignor to Haslett Warehouse Co., San Francisco, Calif. Truck closure device. 2,021,512; Nov. 19.
- Lake, Clair D., Binghamton, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Printing device. 1,994,524; Mar. 19.
- Lake, Clair D., Binghamton, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Card feeding and handling device. 2,000,236; May 7.
- Lake, Clair D., Binghamton, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,000,237; May 7.
- Lake, Clair D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Time stamp. 2,003,787; June 4.
- Lake, Clair D., Binghamton, and G. Lowkrantz, Endicott, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Automatic control system for tabulators. 1,987,343; Jan. 8.
- Lake, Clair D., Binghamton, and G. F. Daly, Johnson City, assignors to International Business Machines Corporation, New York, N. Y. Printing mechanism for accounting machines. 2,007,375; July 9.
- Lake, Cora H., Vicksburg, Mich. Garment anchor. 2,024,827; Dec. 17.
- Lake, Donald W., Chicago, Ill. Heater. 1,996,927; Apr. 9.
- Lake, Harry E., assignor to Preferred Utilities Company, Inc., New York, N. Y. Flow proportioning device for liquids of variable viscosity. 2,006,865; July 2.
- Lake, Jesse R., Detroit, Mich. Faucet reconditioning tool. 1,999,815; Apr. 30.
- Lake, Philip, assignor to Kum-Bak Sports Toys & Games Manufacturing Company Limited, London, England. Apparatus for practicing ball games. 2,017,720; Oct. 15.
- Lake, Ross A. (See Burcky, C. W., and Lake.)
- Lake, Ross A., assignor to Teletype Corporation, Chicago, Ill. Receptacle for zigzag folded forms. 2,014,939; Sept. 17.
- Lake, Ross A., assignor to Teletype Corporation, Chicago, Ill. End-of-line indicator. 2,018,368; Oct. 22.
- Lake, St. Clair, Poughkeepsie, N. Y. Tension device for textile machines. 2,005,942; June 25.
- Lake, St. Clair, and G. L. Sutton, Poughkeepsie, N. Y. Liquid level indicator. 1,990,236; Feb. 5.
- Lake, Simon, Milford, Conn. Submarine locating, harvesting, and recovery apparatus. 1,997,149; Apr. 9.
- Lakenbach, Daniel, Valley Cottage, N. Y. Permanent waving apparatus. 1,995,618; Mar. 26.
- Lakenbach, Daniel, Valley Cottage, N. Y. Permanent waving apparatus. 2,013,311; Sept. 3.
- Lakeside Engineering Corporation. (See Nordell, Carl H., assignor.)
- Lakewest Corporation, The. (See Hawkins, W. J., and Bronander, assignors.)
- Lakin, John W., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Latch. 2,001,787; May 21.
- Lakso, Eino E. (See Kempe, J. G., and Lakso.)
- Lally, Robert. (See Caruso, M. A., Lally, and Roller.)
- La Londe, Moses, Springfield, Mass., assignor of one-fourth to H. Bradt, one-fourth to G. H. Douglass, three-eighths to R. C. Chapin, and one-eighth to Ciriaco Sibilia. Brake mechanism. 2,012,790; Aug. 27.
- Laloux, René, Brussels, Belgium. Automatic repeating gun. 2,017,283; Oct. 15.
- Lam, Wah, Honolulu, Territory of Hawaii. Air-layering pot. 2,021,793; Nov. 19.
- Lamac Process Company. (See McClenathan, Roy F., assignor.)
- La Mar, Frank C., New York, N. Y. Fuse integrity indicator. 1,989,482; Jan. 29.
- La Mar, Frank C., New York, N. Y. Indicating plug fuse. 2,009,089; July 23.
- La Marca, Patsy, Coraopolis, and Q. D. Romito, Charleroi, Pa. Shoe stretching last. 2,000,340; May 7.
- Lamatsch, Frederick, Grantwood, N. J., assignor to Irving Trust Company, permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Inking mechanism for printing machines. 1,988,454; Jan. 22.
- Lamatsch, Frederick, Grantwood, N. J., assignor to R. Hoe & Co., Inc., Irving Trust Company, permanent trustee, New York, N. Y. Inking mechanism for printing machines. 2,005,916; June 25.
- Lamatsch, Frederick, Grantwood, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, permanent trustee. Inking mechanism for printing presses. 2,006,360; July 2.
- Lamatsch, Frederick, Grantwood, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, permanent trustee. Web guiding mechanism for printing machines. 2,013,497; Sept. 3.
- Lamatsch, Frederick, Grantwood, N. J., assignor to Irving Trust Company, permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Web roll support. 2,017,068; Oct. 15.
- Lamatsch, Frederick, Grantwood, N. J., assignor to Irving Trust Company, trustee, of R. Hoe & Co., Inc., debtor, New York, N. Y. Folder for printing machines. 2,023,734; Dec. 10.
- Lamatsch, Frederick, Grantwood, N. J., assignor to Irving Trust Company, permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Vibration damper for folding machines. 2,026,236; Dec. 31.
- Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Photoelectric device. 2,000,642; May 7.
- Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical control device. 2,014,385; Sept. 17.
- Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Sensitive control device. 2,014,386; Sept. 17.
- Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Relay system. 2,014,387; Sept. 17.
- Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Sensitive relay device. 2,014,388; Sept. 17.
- Lamb, Charles M., Pasadena, Calif. Printing machine. 1,991,020; Feb. 12.

- Lamb, Charles M., Pasadena, Calif., and H. W. Lamb, Adrian, Mich. Printing machine. 2,018,072; Oct. 22.
- Lamb, Clyde C., Portland, Oreg. Signaling device. 2,011,294; Aug. 13.
- Lamb, Frank C., Los Angeles, Calif. Safety brake for motor vehicles. 2,023,599; Dec. 10.
- Lamb, Frank H., Hoquiam, Wash. Logging tractor. 1,987,688; Jan. 15.
- Lamb, Frank H., Hoquiam, Wash. Dump body tractor. 1,997,000; Apr. 9.
- Lamb, Frank H., Hoquiam, Wash. Bulldozer. 1,997,001; Apr. 9.
- Lamb, George N., St. Charles, Ill. Game. 2,008,359; July 16.
- Lamb, George W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Die. 1,995,888; Mar. 26.
- Lamb, Herbert W. (See Lamb, Charles M. and H. W.)
- Lamb, Howard S. (See Steckel, A. P., and Lamb.)
- Lambach, Fritz, assignor to Robert Reiner, Inc., Weehawken, N. J. Knitting machinery. 2,002,116; May 21.
- Lambe, Laurence J. (See Loveridge, Claude W.)
- Lambert, Albert L., Narberth, assignor to Heintz Manufacturing Company, Philadelphia, Pa. Door. 1,990,909; Feb. 12.
- Lambert, Albert L., Narberth, Pa., assignor to Heintz Manufacturing Company. Refrigerator. 1,999,839; Apr. 30.
- Lambert, Albert L., Narberth, assignor to Heintz Manufacturing Company, Philadelphia, Pa. Beam or girder construction. 2,008,557; July 16.
- Lambert, Albert L., Philadelphia, Pa., assignor to Heintz Manufacturing Company. Refrigerating system. 2,000,525; May 7.
- Lambert, Albert L., Narberth, and W. J. Meinel, assignors to Heintz Manufacturing Company, Philadelphia, Pa. Riveting. 2,001,145; May 14.
- Lambert, Arthur, assignor to Rite Vinay, New York, N. Y. Treatment of complex materials containing potassium salts. 2,020,322; Nov. 12.
- Lambert, Clara B., and R. P. De Vault, Pasadena, Calif. Potato peeler. 1,990,127; Feb. 5.
- Lambert, Douglas E. (See Leeson, B. H., Harle and Lambert.)
- Lambert, Dudley J., assignor of one-half to G. Hearn, Fairburn, Ga. Chlorinating apparatus. 2,021,116; Nov. 12.
- Lambert, Earl C., Flint, Mich. Shears. 2,009,502; July 30.
- Lambert, Fienness T., Wandsworth, London, England. Slicing machine. 2,015,630; Sept. 24.
- Lambert, Fienness T., London, England. Slicing machine. 2,024,933; Dec. 17.
- Lambert, Francis M., Narberth, Pa., assignor to Heintz Manufacturing Company. Sheet metal radiator. 1,996,622; Apr. 2.
- Lambert, Gerard B., Princeton, N. J., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,015,901; Oct. 1.
- Lambert, Gregorius J., Eindhoven, and J. W. Meyjes, Nymegen, Netherlands, assignors to Radio Corporation of America. Electron discharge tube. 1,999,465; Apr. 30.
- Lambert, Henry G. (See Erickson, C. L., Lambert, and Patscheider.)
- Lambert, Marion L. J. (See Kelley, I. D., Jr., Lambert, and Latham.)
- Lambert, Marion L. J., St. Louis, and C. Latham, St. Louis County, assignors of one-third to I. D. Kelley, Jr., St. Louis, Mo. Compressed air gun. 2,016,113; Oct. 1.
- Lambert, Monroe P., et al. (See Enders, John C., assignor.)
- Lamberton, John R., Coatbridge, Scotland. Work shifter. 2,007,334; July 9.
- Lamberz, Wilhelm. (See Laska, L., Zitscher, Fischer and Lamberz.)
- Lambern, Wilhelm. (See Zitscher, A., and Lamberz.)
- Lamborn, George H., Chicago, Ill., assignor to Morrison Railway Supply Corporation, Buffalo, N. Y. Welding alloy steels. 1,994,479; Mar. 19.
- Lambourne, Herbert D., assignor of forty-five per cent to J. G. Onnen, and twenty per cent to J. W. Simpson, and ten per cent to S. E. Simpson, and five per cent to G. H. Becker, Baltimore, Md. Advertising device. 2,001,880; May 21.
- Lameasure, Joseph T., Detroit, Mich., assignor to United States Hoffman Machinery Corporation, New York, N. Y. Hand truck. 1,997,259; Apr. 9.
- Lamie, Ralph D. (See Reed, H. S., and Lamie.)
- Laminating Patents Corporation. (See Merritt, Ericsson H., assignor.)
- Laming, Omar J., Morton, assignor of one-third to G. R. Church, Crosby, and one-third to P. B. Laming, Morton, Ontario, Canada. Brake. 2,021,124; Nov. 12.
- Laming, Preston B., et al. (See Laming, Omar J., assignor.)
- Lamm, Uno. (See Eriksson, K. E., and Lamm.)
- Lamm, Uno, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Gaseous discharge converter. 2,006,053; June 25.
- Lamm, Uno, Ludvika, Sweden, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Gaseous discharge converter with control grids. 2,024,172; Dec. 17.
- Lammert, George F., St. Louis, Mo. Perforating die. 2,023,893; Dec. 10.
- Lamond, Robert C., assignor to American Engineering Company, Philadelphia, Pa. Steering mechanism. 1,986,640; Jan. 1.
- Lamond, Robert C., assignor to American Engineering Company, Philadelphia, Pa. Hoisting mechanism. 2,013,690; Sept. 10.
- La Mont Corporation. (See Anderson, William S., Jr., assignor.)
- La Mont Corporation. (See Herpen, August T., assignor.)
- La Mont Corporation. (See La Mont, Walter D., assignor.)
- Lamont, John A., assignor to American Steel Foundries, Chicago, Ill. Truck. 1,993,104; Mar. 5.
- Lamont, John A., assignor to American Steel Foundries, Chicago, Ill. Body bolster. 2,012,999; Sept. 3.
- La Mont, Walter D., North Colebrook, Conn., assignor to La Mont Corporation, New York, N. Y. Heat exchange apparatus. 1,988,659; Jan. 22.
- La Mont, Walter D., North Colebrook, Conn., assignor to La Mont Corporation, New York, N. Y. Process of and apparatus for generating steam. 2,007,540; July 9.
- La Mont, Walter D., Larchmont, assignor to La Mont Corporation, New York, N. Y. Steam generation. 2,009,404; July 30.
- La Mort, Frank A., Bronx, N. Y. Opera pump holding rack. 2,017,413; Oct. 15.
- Lamort, Marcel, assignor to Etablissements E. & M. Lamort Fils, Vitry-le-Francois, France. Pulp strainer. 2,002,404; May 21.
- La Motte, Arthur, Wilmington, Del. R. H. Summer, Denver, Colo., and W. H. Ward, Swarthmore, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Fuse connection. 1,991,856; Feb. 19.
- Lamoy, Albert B., West Chazy, N. Y. Sled. 1,995,681; Mar. 26.
- Lamp, Albert L., El Cajon, Calif. Handle for shipping boxes. 2,023,328; Dec. 3.
- Lampard, Frank S., assignor to Mathews Conveyor Company, Ellwood City, Pa. Transfer mechanism. 2,008,960; July 23.
- Lampert, Herbert H., Brooklyn, assignor to Kastar Specialty Mfg. Co., Inc., New York, N. Y. License plate ornament. 2,026,509; Dec. 31.
- Lampertz, Otto, Dresden, Germany, assignor to Remington Rand Inc., Buffalo, N. Y. Card index system for keeping records in a visible or horizontal way. 2,015,480; Sept. 24.
- Lampila, Ahti I. (See Lampila, Yrjö D. and A. I.)
- Lampila, Yrjö D. and A. I., Helsingfors, Finland. Rocking chair. 1,987,014; Jan. 8.
- Lampitt, Edwin A., Mrs. (See Lampitt, Ivan, assignor.)
- Lampitt, Ivan, assignor of one-fourth to Mrs. E. A. Lampitt, Pekin, Ill. Spark plug. 2,008,617; July 16.
- Lamlough, Leslie F., Baltimore, Md., and C. E. Plass, East Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Treating strands. 2,018,404; Oct. 22.
- Lampman, Herman W., Huntington, Ind., assignor to H. L. Schroeder, Chicago, Ill. Metallic frame structure. 1,991,397; Feb. 19.
- Lamprecht, Merle W., Rocky River, assignor to The Acme Machinery Company, Cleveland, Ohio. Forging machine. 2,011,106; Aug. 13.
- Lamson Company, The. (See Boudreau, J. A., and Taylor, assignors.)
- Lamson Company, The. (See Collar, Linus R., assignor.)
- Lamson Company, The. (See Frost, M. O., and Mattler, assignors.)
- Lamson Company, The. (See Hart, S. T., and Marcy, assignors.)
- Lamson Company, The. (See Jennings, Chester S., assignor.)
- Lamson Company, The. (See Jennings, C. S. and MacMartin, assignors.)
- Lamson Company, The. (See MacMartin, Frank W., assignor.)
- Lamson Company, The. (See Mattler, Peter, assignor.)
- Lamson Company, The. (See Ogg, John S., assignor.)
- Lamson Company, The. (See Perry, H. R., and Jennings, assignors.)
- Lamson Company, The. (See Pevear, Chase K., assignor.)
- Lamson Company, The. (See Regan, John E., assignor.)
- Lamson Company, The. (See Scanlan, Joseph M., assignor.)
- Lamson Company, The. (See Taisey, Fred R., assignor.)
- Lamson Company, The. (See Taylor, William J., assignor.)
- Lamson Company, The. (See Taylor, W. J., Boudreau, and Irish, assignors.)
- Lamton, Howard C. (See Kennedy, H. T., and Lawton.)
- Lancaster Asphalt, Inc. (See Robinson, Thomas, assignor.)
- Lancaster, Eugene L., assignor of one-fourth to R. C. Lowe, Haskell, Tex. Harrow. 2,001,254; May 14.
- Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole attaching apparatus. 2,026,391; Dec. 31.
- Lancelot, Ralph, Pittsburgh, Pa. Removable attachment for display signs on a spare tire. 2,013,000; Sept. 3.
- Lancia, Vincenzo, Turin, Italy. Resiliently mounting engines on automotive vehicles. 2,017,628; Oct. 15.

- Land, Edwin H., Cambridge, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J. Making a product containing oriented asymmetric bodies. 1,989,371; Jan. 29.
- Land, Edwin H., Wellesley Farms, Mass. Polarizing vizzor or sunshade. 2,005,426; June 18.
- Land, Edwin H., Wellesley Farms, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J. Forming a polarizing body. 2,011,553; Aug. 13.
- Land, Edwin H., Wellesley Farms, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J. Advertising display device. 2,018,214; Oct. 22.
- Land, Edwin H., Wellesley Farms, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J. Photographic apparatus and method of photography. 2,018,963; Oct. 29.
- Land, Elvin S. (See Key, F., and Land.)
- Land und Seekabelwerke A. G. (See Fassbender, Josef, assignor.)
- Landé, Lillie, Astoria, assignor to M. Keidel, Spring Valley, N. Y. Mixing jar. 2,021,011; Nov. 12.
- Landecker, Max, Wuppertal-Barmen, Germany, assignor, by mesne assignments, to American Cyanamid Company. Composition for plastic molding. 1,991,398; Feb. 19.
- Lander, Erik, Oakland, Calif. Automatic saw filing device. 2,005,998; June 25.
- Lander, Nanna, et al. (See Volf, Christian A., assignor.)
- Landerman, John D., Boston, Mass. Air treating mechanism. 2,012,608; Aug. 27.
- Landers, Frary & Clark. (See Anderson, Oscar M., assignor.)
- Landers, Frary & Clark. (See Anderson, O. M., and Juengst, assignors.)
- Landers, Frary & Clark. (See Badger, Harry M., assignor.)
- Landers, Frary & Clark. (See Smart, Joseph F., assignor.)
- Landes & Gyr, A.-G. (See Furrer, Carl, assignor.)
- Landgraf, Fred. (See Lewis, P. M., and Landgraf.)
- Landgraf, Jacob T., Rockford, Ill. Thermostatic oil-control valve. 1,992,377; Feb. 26.
- Landgrebe, Karl, Ensley, Alabama. Automobile table attachment. 2,007,471; July 9.
- Landi, Emanuele, New York, N. Y. Tap-dancing shoe. 1,997,221; Apr. 9.
- Landin, Carl A., West Hartford, assignor to The Hart Manufacturing Company, Hartford, Conn. Thermostatic switch. 1,993,275; Mar. 5.
- Landis, Aaron, New York, N. Y. Accessory. 2,006,463; July 2.
- Landis, Aaron, New York, N. Y. Decorative material. 2,020,470; Nov. 12.
- Landis, Aaron, Elizabeth, N. J. Reversible framed hand bag. 2,016,551; Oct. 8.
- Landis, Forrest C. (See Shoe, E. I., and Landis.)
- Landis, George G., Cleveland, Ohio, assignor to The Lincoln Electric Company. Dynamo electric machine. 2,019,082; Oct. 29.
- Landis, George G., Cleveland, and F. Malner, Euclid Village, assignors to The Lincoln Electric Company, Cleveland, Ohio. Electric welding apparatus. 1,989,654; Jan. 29.
- Landis, George G., Cleveland, and F. Malner, Euclid Village, assignors to The Lincoln Electric Company, Cleveland, Ohio. Supporting and conveying means for electric welding apparatus. 2,009,113; July 23.
- Landis & Gyr, A.-G. (See Furrer, Carl, assignor.)
- Landis & Gyr, A.-G. (See Hungerbühler, Paul, assignor.)
- Landis & Gyr, A.-G. (See Linderand, Joseph, assignor.)
- Landis & Gyr, A.-G. (See Koenig, Werner, assignor.)
- Landis & Gyr, A.-G. (See Landolt, Hermann, assignor.)
- Landis & Gyr, A.-G. (See Mettler, Josef, assignor.)
- Landis & Gyr, A.-G. (See Ogurkowski, Georg, assignor.)
- Landis & Gyr, A.-G. (See Page, Albert, assignor.)
- Landis & Gyr, A.-G. (See Pudelnk, Ricard, assignor.)
- Landis & Gyr, A.-G. (See Spahn, Emil, assignor.)
- Landis Leather Goods, Inc. (See Miller, Muriel, assignor.)
- Landis Leather Goods, Inc. (See Perl, Louis, assignor.)
- Landis Machine Company. (See Mathias, Samuel W., assignor.)
- Landis Machine Company. (See Reimschissel, Charles A., assignor.)
- Landis Machine Company. (See Wolf, Eugene C., assignor.)
- Landis Tool Company. (See Balsiger, Harold E., assignor.)
- Landis Tool Company. (See Gurney, Daniel, assignor.)
- Landis Tool Company. (See Klingele, Herman F., assignor.)
- Landis Tool Company. (See Ott, Conrad L., assignor.)
- Landis Tool Company. (See Steiner, Amos P., assignor.)
- Landis Tool Company. (See Steiner, A. P., and Balsiger, assignors.)
- Landis Tool Company. (See Steiner, A. P., Wine, Ott and Balsiger, assignors.)
- Landman, Max, Brooklyn, N. Y. Umbrella. 2,024,105; Dec. 10.
- Landolt, Albert. (See Barz, F., Landolt, Geigy, Kaegi, and Graenacher, assignors.)
- Landolt, Charles. (See Schweizer, E., and Landolt.)
- Landolt, Hermann, Kriens near Luzern, Switzerland, assignor to Landis & Gyr, A.-G. Summation meter. 2,018,858; Oct. 29.
- Landon Brothers. (See Howell, Reginald F., assignor.)
- Landon, Charles R. (See Lindsey, George W., assignor.)
- Landon, Frank H., Riverside, Ill. Container. 2,013,243; Sept. 3.
- Landon, Vernon D. (See Carlson, W. L., and Landon.)
- Landon, Vernon D., Collingswood, N. J., assignor to Radio Corporation of America. Automatic volume control arrangement. 2,020,363; Nov. 12.
- Landon, Vernon D., Bonton, and R. W. Carlisle, Oaklyn, N. J., assignors to Westinghouse Electric and Manufacturing Company. Amplifying system. 1,987,687; Jan. 15.
- Landowne, J., Company, Inc. (See Morrison, Edith E., assignor.)
- Landriani, Camillo, Bronxville, N. Y. Drill press. 1,994,772; Mar. 19.
- Landrock, Paul. (See Caps, A. W., and Landrock.)
- Landrock, Paul, Rochester, N. Y., assignor to Photostat Corporation, Providence, R. I. Photographic copying machine. 2,015,803; Oct. 1.
- Landrum, William W. (See Westwood, F. R., and Landrum.)
- Landry, Eleonor R., Southbridge, Mass. Safety device for conveyances. 1,995,889; Mar. 26.
- Landsedel, Harry, assignor to Remington Rand Inc., New York, N. Y. Duplicating accounting machine. 2,007,829; July 9.
- Landstrom Furniture Corporation. (See North, Edwin W., assignor.)
- Landstrom Furniture Corporation. (See Swanson, Bror J., assignor.)
- Landt, Gustave E., Norristown, Pa., assignor to Continental Diamond Fibre Company, Newark, Del. Cylindrical articles and method and apparatus for manufacturing the same. 2,001,031; May 14.
- Landt, Gustave E., Norristown, Pa., assignor to Continental-Diamond Fibre Company, Newark, N. J. Bendable laminated product. 2,003,752; June 4.
- Landwehr, Richard F. (See Kasdan, N., and Landwehr.)
- Landwerlin, Georges, Marly Le Roi, France. Electrostatic machine. 2,009,503; July 30.
- Lane Company, The. (See Crocker, Ernest C., assignor.)
- Lane Company, Inc., The. (See Loftin, Grady A., assignor.)
- Lane, Edwin, et al. (See Hamilton, Charles E., Sr., assignor.)
- Lane, Frank A., Providence, R. I., assignor to The Textile-Finishing Machinery Company. Tenter link. 2,011,001; Aug. 13.
- Lane, Frank A., Providence, R. I., assignor to The Textile-Finishing Machinery Company. Tenter link. 2,017,315; Oct. 15.
- Lane, George S., Ridgewood, N. J., assignor to Arlington Sales Co., Utica, N. Y. Brake surface. 2,025,873; Dec. 31.
- Lane, Gilbert F., assignor to The Philadelphia Rubber Works Company, Akron, Ohio. Reclaimed rubber. 1,990,658; Feb. 12.
- Lane, Harold, and G. W. Gibson, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting machine. 2,011,683; Aug. 20.
- Lane, Harold, and H. H. Dyson, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,013,057; Sept. 3.
- Lane, Henry W., Ione, Calif. Accelerator. 1,993,935; Mar. 12.
- Lane, John D., Boston, assignor to R. H. Wilbur, Melrose, Mass. Band. 2,000,763; May 7.
- Lane, Kenneth M., Gate City, assignor of one-fourth to J. C. Vann, Abington, and one-fourth to W. H. Nickels, Gate City, Va. Track extension and clamping means therefor. 1,996,647; Apr. 2.
- Lane, Louis R., Habana, Cuba. Puzzle. 2,001,067; May 14.
- Lane Manufacturing Company. (See Lane, William T., assignor.)
- Lane, Orley B., Washington, D. C. Computing device consisting of a mathematical curve. 2,000,526; May 7.
- Lane, Weldon V., Asbury Park, N. J. Vehicle signal. 1,986,732; Jan. 1.
- Lane, William T., Belmont, assignor to Lane Manufacturing Company, Inc., Watertown, Mass. Absorbent disposable pad. 2,010,433; Aug. 6.
- Lang, Albert, Berkeley, Calif. Roller screen. 1,990,830; Feb. 12.
- Lang, Albert, Berkeley, Calif. Casement window structure. 2,007,866; July 9.
- Lang, Albert G. (See Shiel, J. B., and Lang.)
- Lang, Albion S., Roslindale, Mass. Stand for musical instruments. 2,007,574; July 9.
- Lang, Alfred G. (See Colton, J. H., and Lang.)
- Lang, Anthony L., Seattle, Wash. Electric hot-plate. 2,015,856; Oct. 1.
- Lang, Ernst F., and A. J. Maas, Detroit, Mich. Shipping carton. 2,009,739; July 30.
- Lang, Franz, Munich, Germany, assignor to Lanova Aktiengesellschaft, Vaduz, Liechtenstein. Air chamber Diesel engine and shut-off safety and ventilating valve therefor. 1,994,000; Mar. 12.
- Lang, Franz, Munich, Germany, assignor to Lanova Aktiengesellschaft, Vaduz, Liechtenstein. Injection engine. 1,998,725; Apr. 23.
- Lang, Franz, Munich, Germany, assignor to Lanova Aktiengesellschaft, Vaduz, Liechtenstein. Internal combustion engine. 2,001,535; May 14.

- Lang, Franz, Munich, Germany, assignor to Lanova Aktiengesellschaft, Vaduz, Liechtenstein. Internal combustion engine. 2,001,536; May 14.
- Lang, Franz, Munich, Germany, assignor to Lanova Aktiengesellschaft, Vaduz, Liechtenstein. Diesel engine. 2,004,631; June 11.
- Lang, Frederick W., Forsyth, Ga. Exercise device. 1,998,197; Apr. 16.
- Lang, Hubert. (See Brueshaber, M. W., and Lang.)
- Lang, John H., Detroit, Mich. Polishing pad. 1,998,244; Apr. 16.
- Lang, John W. (See Goodman, W. J., and Lang.)
- Lang, Richard, Ravensburg, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Germany. Speed controlled shaft coupling. 1,999,364; Apr. 30.
- Lang, Richard T., and W. Thaler, Heidenheim-on-the-Brenz, Germany, assignors to American Voith Contact Co., Inc., New York, N. Y. Mechanically separating slimy substance from fiber stock. 1,990,992; Feb. 12.
- Lang, Rose, Buffalo, N. Y. Baking pan. 2,003,151; May 28.
- Lang, Rudolph C., assignor to A. B. A. Specialties Company, Inc., New York, N. Y. Machine and making a fastening means. 2,010,674; Aug. 6.
- Lang, Rudolph C., assignor to A. B. A. Specialties Company, Inc., New York, N. Y. Needle or tufting device. 2,017,100; Oct. 15.
- Lang, William E., Lexington, Ky. Method and apparatus for increasing recovery from oil sands. 2,019,418; Oct. 29.
- Langbein, Edward H., Brooklyn, assignor to Samuel Briskman, Manhattan, N. Y. Shears. 2,000,852; May 7.
- Langbein, Gerhard. (See Eckert, W., Sieber, Greune, and Langbein.)
- Langdon, Andrew. (See Drake, C., and Langdon.)
- Langdon, Andrew, assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 1,989,992; Feb. 5.
- Langdon, Andrew, assignor to General Railway Signal Company, Rochester, N. Y. Indicating means for switch machines. 2,003,944; June 4.
- Langdon, Andrew, assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,013,986; Sept. 10.
- Langdon, Andrew, assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,013,987; Sept. 10.
- Langdon, Andrew, Brighton, and G. H. Wion, Rochester, N. Y., assignors to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,026,502; Dec. 31.
- Langdon, Seth C., Evanston, Ill. Metal backed reflector. 1,998,088; Apr. 16.
- Lange, Edward H., Baltimore, Md. Automobile control mechanism. 2,016,864; Oct. 8.
- Lange, Emil, Berlin, Germany. Electric switch. 2,018,136; Oct. 22.
- Lange, Fritz. (See Brasch, Arno, assignor.)
- Lange, Fritz. (See Brasch, A., and Lange.)
- Lange, Fritz. (See Holzach, K., and Lange.)
- Lange, Fritz, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Complex metal compound of ortho hydroxyazo dyestuffs. 2,015,226; Sept. 24.
- Lange, Fritz and L. Taub, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Medicinal preparation. 2,006,023; June 25.
- Lange, George, New York, N. Y., and R. Sommers, and M. C. Saylor, Boston, Mass. Refrigerator. 1,999,907; Apr. 30.
- Lange, Henry. (See Hodgkin, E. E., Wodell, and Lange.)
- Lange, Hermann, Erlenbach, Switzerland. Sliding hood on closed vehicle. 2,025,874; Dec. 31.
- Lange, Johann F. H., assignor to Kamphagel Aktiengesellschaft (vormals Nagel & Kaemp), Hamburg, Germany. Lifting device. 1,999,936; Apr. 30.
- Lange, Joseph A. (See Kuzmick, J. N., and Lange.)
- Lange, Joseph O., assignor to Crane Co., Chicago, Ill. Valve. 2,000,853; May 7.
- Lange, Max, Frankfurt-on-the-Main, and T. Jacobs, Wiesbaden, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Chloro- and bromo-derivatives of 2-aminonaphthalene-1-sulphonic acid and preparing them. 1,995,929; Mar. 26.
- Lange, Max E., Cleveland Heights, and W. J. Burger, Shaker Heights, assignors to The Warner & Swasey Company, Cleveland, Ohio. Stock feeding and gripping device. 2,003,152; May 28.
- Lange, Paul H., Bridgeport, Conn. Seaming mechanism. 1,996,381; Apr. 2.
- Lange, Paul H., Bridgeport, Conn. Seaming mechanism. 1,996,382; Apr. 2.
- Lange, Werner, Dessau-Ziebigk in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Acid dye. 2,010,921; Aug. 13.
- Lange, Werner, Dessau-Ziebigk in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dye. 2,022,243; Nov. 26.
- Langebrake, Moody E., Jamestown, Calif. Overhead irrigation system. 2,024,374; Dec. 17.
- Langecker, Hedwig, Prague, Czechoslovakia, assignor to Schering-Kahlbaum A. G., Berlin, Germany. Concentration of hormones in secretions of the human or animal body. 2,001,255; May 14.
- Langedijk, Siegfried L. (See van Melsen, J. A., and Langedijk.)
- Langedijk, Siegfried L. (See van Peski, A. J., and Langedijk.)
- Langedijk, Siegfried L., Amsterdam, Holland, assignor to Shell Development Company, San Francisco, Calif. The production of polymer-free alcohols. 1,990,789; Feb. 12.
- Langella, Alfred, Brooklyn, assignor to S. Friedman, New York, N. Y. Imitation Bangkok hat. 2,026,392; Dec. 31.
- Langen, Erich, M.-Gladbach, Germany. Cotton drawing frame. 2,025,394; Dec. 24.
- Langen, George. (See McClellan, R. H., Langen, and Quillen.)
- Langenberg, Earl W., assignor to Keystone Steel & Wire Company, Peoria, Ill. Material transfer apparatus. 2,013,215; Sept. 3.
- Langenberg, Frederick C., Edgewater Park, and H. S. Hunt, Burlington, assignors to United States Pipe and Foundry Company, Burlington, N. J. Centrifugally casting pipe. 2,018,025; Oct. 22.
- Langenfeld, John H., Hastings, Minn. Electric barbecue. 1,996,297; Apr. 2.
- Langer, Max, Berlin-Hermsdorf, and W. Rabanus, Berlin-Charlottenburg, assignors to Siemens and Halske Aktiengesellschaft, Siemensstadt near Berlin, Germany. Multiple transmitting system. 1,987,961; Jan. 15.
- Langer, Nicholas, assignor of sixty-two and two-thirds per cent to J. Halmagyi, Budapest, Hungary. Electrical musical instrument. 1,993,890; Mar. 12.
- Langer, Nicholas, Deep River, Conn., assignor of sixty-six and two-thirds per cent to J. Halmagyi, Budapest, Hungary. Electrical musical instrument. 2,017,542; Oct. 15.
- Langewisch, Gilbert W. H., Scribner, Nebr. Nondrip pitcher. 2,014,685; Sept. 17.
- Langford, George W., Ann Arbor, Mich. Air conditioner. 2,019,575; Nov. 5.
- Langfritz, Hans, Schwabach, Germany, assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 2,015,598; Sept. 24.
- Langguth, Paul O., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Potential device. 2,004,954; June 18.
- Langguth, Paul O., Irwin, and W. A. Lewis, Wilkensburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Coupling capacitor system. 2,005,147; June 18.
- Langhammer, Anthony J. (See Calkins, W. G., and Langhammer.)
- Langhans, Otto W., Bloomfield, N. J., assignor to Westinghouse Lamp Company. X-ray tube and X-ray screen supporting structure. 2,019,612; Nov. 5.
- Langkau, Albert W., et al. (See Maas, Frederick J., assignor.)
- Langley, Gordon R., Peterborough, Ontario, Canada, assignor to General Electric Company. Making electrical insulators. 2,025,540; Dec. 24.
- Langley, Gordon R., and D. L. Davis, Peterborough, Ontario, Canada, assignors to General Electric Company. Interlock mechanism. 2,020,069; Nov. 5.
- Langley, Harry J., Huntington Park, assignor to United States Spring & Bumper Co., Inc., Los Angeles, Calif. Cultivator tooth. 1,992,313; Feb. 26.
- Langley, Sam G., Maplewood, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Motor supporting means. 2,020,119; Nov. 5.
- Langlois, Albert, Fall River, Mass. Fire extinguishing composition. 2,010,729; Aug. 6.
- Langmuir, Irving, Schenectady, N. Y., assignor to General Electric Company. Electric translating circuit. 2,024,173; Dec. 17.
- Langos, Otto A., assignor to Chicago Electric Manufacturing Co., Chicago, Ill. Vest pocket flash light. 2,008,915; July 23.
- Langrock, Leopold L., New York, N. Y. Game. 1,986,000; Jan. 1.
- Langrock, Leopold L., New York, N. Y. Garment. 2,010,434; Aug. 6.
- Langston, Samuel M., Co. (See Sleg, Karl, assignor.)
- Langum, Conrad, Volga, S. Dak. Fly-poisoning device. 1,994,859; Mar. 19.
- Langvand, Ivar L. (See Kerr, H. J., and Langvand.)
- Langwell, Herbert. (See Eyre, J. V., and Langwell.)
- Langwell, Herbert, Epsom, England, assignor to The Distillers Company Limited, Edinburgh, Great Britain. Manufacture of emulsions. 1,993,706; Mar. 5.
- Langwell, Herbert, Windmill End, Epsom, and R. Gilmour, London, England, assignors to Standard Brands Incorporated, New York, N. Y. Concentration of dilute acetic acid or liquor containing same. 2,010,548; Aug. 6.
- Langwieler, Rudolf, assignor to Barmer Maschinenfabrik Aktiengesellschaft, Wuppertal-Oberbarmen, Germany. Arrangement on double twist twisting spindles. 2,022,424; Nov. 26.
- Langworthy, William P., Aspinwall, assignor to Allegheny Steel Company, Brackenridge, Pa. Dynamo-electric machine and making laminations therefor. 2,018,405; Oct. 22.
- Lankford, Grace. (See Tomkins, James G., assignor.)
- Lanko, Ernest F., Springville, Iowa. Animal trap. 2,009,320; July 23.
- Lanova Aktiengesellschaft. (See Lang, Franz, assignor.)

- Lansing, Raymond P., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism. 1,987,833; Jan. 15.
- Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism. 1,988,206; Jan. 15.
- Lansing, Raymond P., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Automatic transmission. 1,990,037; Feb. 5.
- Lansing, Raymond P., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Transmission. 1,990,038; Feb. 5.
- Lansing, Raymond P., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Transmission. 1,990,039; Feb. 5.
- Lansing, Raymond P., Montclair, N. J., assignor to Eclipse Machine Company, Elmira Heights, N. Y. Electrical apparatus. 1,994,614; Mar. 19.
- Lansing, Raymond P., Montclair, assignor to Bendix Research Corporation, East Orange, N. J. Valve gear. 1,998,782; Apr. 23.
- Lansing, Raymond P., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,002,405; May 21.
- Lansing, Raymond P., Montclair, N. J., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 2,003,452; June 4.
- Lansing, Raymond P., Montclair, N. J., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine starter. 2,014,258; Sept. 10.
- Lansing, Raymond P., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine starter. 2,017,464; Oct. 15.
- Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting device. 2,019,712; Nov. 5.
- Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting apparatus. 2,020,790; Nov. 12.
- Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,026,281; Dec. 31.
- Langston Monotype Machine Company. (See Bowman, Dean S., assignor.)
- Lanter, Clarence W., Chicago, Ill. Baling machine. 1,988,692; Jan. 22.
- Lantz, Donald G., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Coating apparatus. 1,987,198; Jan. 8.
- Lantz, Robert, assignor of one-half to Societe Anonyme des Matieres Colorantes & Produits Chimiques de Saint-Denis, Paris, France. Dyeing. 2,002,406; May 21.
- Lanum, Cecil D., Bloomington, Ind. Extension table. 2,017,760; Oct. 15.
- Lanum, Cecil D., Bloomington, Ind. Table slide. 2,022,318; Nov. 26.
- Lanyon, William J., Hanover, N. H. Collar protecting device. 2,001,617; May 14.
- Lanz, Heinrich, Aktiengesellschaft. (See Kuballe, Arthur, assignor.)
- Lanz, John. (See Gilbert, A. C., and Lanz.)
- New Lanz, John, assignor to The A. C. Gilbert Company, New Haven, Conn. Closed-pole electric motor. 2,025,817; Dec. 31.
- La Pan, Lester K., Glens Falls, N. Y. Fishing rod. 2,003,893; June 4.
- Lape, Edward W., Jr., assignor to The Hubert Manufacturing Company, Troy, Ohio. Method of cleaning articles. 2,011,107; Aug. 13.
- Lapeyrouse, Lawrence L., Mobile, Ala. Vertically adjustable table for fourdrinier machines. 2,003,753; June 4.
- Lapham, Albert T., London, England. Neckwear. 2,004,490; June 11.
- La Piana, Frederick G. (See Bosland, H. S., and La Piana.)
- La Pierre, Cramer W., M. S. Mead, and F. B. Menger, Schenectady, N. Y., assignors to General Electric Company. Electric valve tripping circuit. 2,016,147; Oct. 1.
- La Plant-Choate Manufacturing Co., Inc. (See Choate, R. E., and Rodler, assignors.)
- La Plant-Choate Manufacturing Co. (See Rodler, Waldo E., assignor.)
- Laplante, Ovide, Riviere Du Loup Centre, Quebec, Canada. Switch. 2,004,207; June 11.
- Lapointe, Francis J., Ann Arbor, Mich. Rotary broaching machine. 1,998,162; Apr. 16.
- Lapointe Machine Tool Company, The. (See West, Donald H., assignor.)
- Lapointe Machine Tool Company, The. (See West, D. H., and Monroe, assignors.)
- La Porte, Norbert M., New York, N. Y. Projecting mechanism. 2,007,018; July 2.
- La Porte, Ralph P., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Cold holder and making the same. 1,990,738; Feb. 12.
- La Posea, Charlotte W., Oakland, Calif. Toothbrush holder. 2,012,685; Aug. 27.
- Lapp, Alex, Cleveland, Ohio. Safety valve for pneumatic tires. 2,017,978; Oct. 22.
- Lapp, Grover W., and R. L. Jenner, assignors to Lapp Insulator Company Inc., Le Roy, N. Y. Insulator construction. 1,998,549; Apr. 23.
- Lapp Insulator Company Inc. (See Lapp, G. W., and Jenner, assignors.)
- Lapp, William H., Nevada, Iowa. Processing cotton seed hulls for use as a litter. 2,014,900; Sept. 17.
- Lappas, George, assignor of one-half to S. O. Huggins, Suncoek, N. H. Shuttle tension means. 2,008,456; July 16.
- Lappin, Fred M. (See McRill, O. A., and Lappin.)
- Lapsley, Robert, assignor to Clark Equipment Company, Buchanan, Mich. Transmission. 1,992,898; Feb. 26.
- Lapsley, Robert, Barrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Transmission. 1,994,773; Mar. 19.
- Lapsley, Robert, Barrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Hydraulic transmission. 1,997,827; Apr. 16.
- Lapsley, Robert, Barrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Preventing retrograde motion of an automobile. 2,006,398; July 2.
- Lapsley, Robert, Barrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Ball and socket joint. 2,010,367; Aug. 6.
- Lapsley, Robert, Barrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Transmission control mechanism. 2,012,669; Aug. 27.
- Lapsley, Robert, Barrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Transmission. 2,017,101; Oct. 15.
- Lapsley, Robert, Barrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Transmission. 2,017,906; Oct. 22.
- Laput, Gregory, Brooklyn, N. Y. Locking device. 2,004,761; June 11.
- Lapworth, William L. (See Willoughby, V., and Lapworth.)
- Larason, John E., Dayton, Ohio. Propeller clamping and balancing ring. 1,995,312; Mar. 26.
- Larason, John E., Dayton, Ohio. Power transmission device. 2,001,736; May 21.
- Lard, Allan E., Washington, D. C. Golf club. 1,988,043; Jan. 15.
- Lard, Allan E., Washington, D. C. Golf club. 1,996,298; Apr. 2.
- Lardner, George M., Winnipeg, Manitoba, Canada. Automatic valve operating device. 2,007,453; July 9.
- Lardner, George M., Winnipeg, Manitoba, Canada. Valve actuating device. 2,022,888; Dec. 3.
- Lardy, Guillaume, Caluire, France, assignor to Du Pont Rayon Company, New York, N. Y. Textile materials. 1,986,349; Jan. 1.
- Large, Edwin K., Atlanta, Ga. Printing device. 1,998,630; Apr. 23.
- Large, Ernest C., North Acton, London, assignor to Electro Chemical Processes Limited, London, England. Colloidal suspension suitable for insecticides. 2,014,139; Sept. 10.
- Large, Samuel R., Bristol, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shaft mounting. 2,022,290; Nov. 26.
- La Riche, Anthony M., Cleveland, Ohio, assignor to Detroit Dental Manufacturing Co., Detroit, Mich. Saliva ejector. 2,005,625; June 18.
- Lark, Raymond E., Wallington, and F. Young, London, England. Wiperscreen wiper for road vehicles. 2,012,313; Aug. 27.
- Larkin, Elwood T., Eggertsville, assignor to C. A. Criquei, Buffalo, N. Y. Valve seat construction for engines and the like. 2,017,154; Oct. 15.
- Larkin, Elwood T., Buffalo, N. Y., and T. L. Sherman, Norwood, Mass., assignors to Mitchell-Crankless Engines Corporation, New York, N. Y. Bearing. 2,022,917; Dec. 3.
- Larkin, James L., Winthrop, assignor to The Forbes Lithograph Manufacturing Company, Boston, Mass. Calendar. 1,990,739; Feb. 12.
- Larkin, Lester U., assignor to Larkin Refrigerating Corporation, Atlanta, Ga. Refrigerating system. 1,990,290; Feb. 5.
- Larkin, Lester U., assignor to Larkin Refrigerating Corporation, Atlanta, Ga. Counter flow air conditioner. 2,008,255; July 16.
- Larkin Refrigerating Corporation. (See Fugle, Matthew P., assignor.)
- Larkin Refrigerating Corporation. (See Larkin, Lester U., assignor.)
- Larkin, Walter, Norristown, Pa., assignor to Fidelity Machine Company, Wilmington, Del. Cylinder support for circular rib knitting machines. 1,988,359; Jan. 15.
- Larkworthy, Fred W., assignor to Industrial Brownhoist Corporation, Bay City, Mich. Dragline arrangement. 1,994,774; Mar. 19.
- Larmore, Nelson W., assignor to C. W. Frederick, Watford, N. Y. Metal cement. 2,026,475; Dec. 31.
- Larmuth, William O. (See Bes, Armand, assignor.)
- La Rock, Edgar A., Ogdensburg, N. Y. Paper roll holder. 1,992,077; Feb. 19.
- La Roque, Harold B. (See Elder, F. R., and La Roque.)
- La Roque, Harold B., Scotia, and F. R. Elder, Schenectady, N. Y., assignors to General Electric Company. Control system. 2,016,148; Oct. 1.
- Larose, Dantes L., Indian Orchard, Mass. Motor vehicle rear lamp. 2,023,845; Dec. 10.
- Larsen, Agnew E. (See Pecker, J. S., and Larsen.)
- Larsen, Agnew E., Huntingdon Valley, assignor to Autogiro Company of America, Philadelphia, Pa. Air-rotor for aircraft. 1,990,291; Feb. 5.

- Larsen, Agnew E., Huntingdon Valley, assignor to Autogiro Company of America, Philadelphia, Pa. Rotative wing mounting. 1,995,127; Mar. 19.
- Larsen, Agnew E., Huntingdon Valley, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft having rotative sustaining blades or wings. 1,999,840; Apr. 30.
- Larsen, Alantser, F., assignor to Aluminum Goods Manufacturing Company, Manitowoc, Wis. Percolator heater. 1,998,726; Apr. 23.
- Larsen, Axel, Aalborg, Denmark, assignor to F. L. Smith & Co., New York, N. Y. Grinding mill. 2,019,454; Oct. 29.
- Larsen, Carl J. (See Trebler, H. A., and Larsen.)
- Larsen, Earl I. (See Hensel, F. R., and Larsen.)
- Larsen, Einer W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Clutch. 2,002,699; May 28.
- Larsen, Leonard O. (See Henderson, F. E., Larsen, and Schmitz.)
- Larsen, Lewis, Menominee, Mich., assignor to Heywood-Wakefield Company, Boston, Mass. Chair. 1,989,203; Jan. 29.
- Larsen, Lewis, Menominee, Mich., assignor to Heywood-Wakefield Company, Boston, Mass. Chair. 1,998,089; Apr. 16.
- Larsen, Lewis, Menominee, Mich., assignor to Heywood-Wakefield Company, Boston, Mass. Chair. 1,998,090; Apr. 16.
- Larsen, Martin I., Chicago, Ill. Water heater or boiler. 1,993,674; Mar. 5.
- Larsen, Neil P., University Heights, assignor to The American Coach and Body Company, Cleveland, Ohio. Ladder support. 1,991,900; Feb. 19.
- Larsen, Neil P., Cleveland Heights, assignor to The American Coach and Body Company, Cleveland, Ohio. Vehicle roof. 2,014,140; Sept. 10.
- Larsen, Neil P., University Heights, J. Holan and P. E. Hawkins, Lakewood, assignors to The American Coach and Body Company, Cleveland, Ohio. Motor driven vehicle. 1,999,612; Apr. 30.
- Larsen, Othmar I., Winnetka, Ill. Making universal joint yokes. 1,994,480; Mar. 19.
- Larsen, Torleif I., assignor to Handy Governor Corporation, Detroit, Mich. Governor. 2,024,296; Dec. 17.
- Larsh, Everett P., Vandalia, assignor to The Master Electric Company, Dayton, Ohio. Electric motor. 1,993,449; Mar. 5.
- Larsh, Everett P., Vandalia, assignor to The Master Electric Company, Dayton, Ohio. Grease seal for bearings. 2,000,341; May 7.
- Larsh, Everett P., assignor to The Master Electric Company, Dayton, Ohio. Self aligning bearing. 2,011,493; Aug. 13.
- Larson, Albert O. (See McLaren, D. A., and Larson.)
- Larson, Albert T., Oakland, Calif. Electric light cord reel. 1,987,856; Jan. 15.
- Larson, Alfred T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of aldehydic compounds. 1,989,700; Feb. 5.
- Larson, Alfred T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of aliphatic carboxylic acids. 1,993,555; Mar. 5.
- Larson, Alfred T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Acid synthesis process. 1,994,955; Mar. 19.
- Larson, Alfred T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making trimethyl acetic acid. 1,995,930; Mar. 26.
- Larson, Alfred T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydration of olefines. 2,014,740; Sept. 17.
- Larson, Alfred T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of aliphatic carboxylic acids. 2,020,689; Nov. 12.
- Larson, Alfred T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of organic aliphatic acids. 2,022,244; Nov. 26.
- Larson, Alfred T., and W. E. Vail, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of carboxylic acid. 2,010,402; Aug. 6.
- Larson, Arthur, New York, N. Y. Bullet. 2,011,249; Aug. 13.
- Larson, Arved L., Rockville Centre, N. Y. Waterproofing of masonry walls. 2,023,425; Dec. 10.
- Larson, Carl H., Elkhart, Ind., assignor The Adlake Company. Signal light. 1,998,678; Apr. 23.
- Larson, Carl H., assignor to The Adlake Company, Elkhart, Ind. Sash ventilator. 2,004,762; June 11.
- Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Illuminating unit for railway signals. 2,009,504; July 30.
- Larson, Clas S., assignor to A. O. Smith Corporation, Milwaukee, Wis. Pipe handling apparatus. 2,010,820; Aug. 13.
- Larson, David C. (See Sanford, S. B., and Larson.)
- Larson, Edward S., assignor to Teletype Corporation, Chicago, Ill. Tape perforator. 2,005,748; June 25.
- Larson, Ernest A., Newberry, Mich. Hoist. 2,018,795; Oct. 29.
- Larson, Iner J., Oaklyn, N. J., assignor to Radio Corporation of America. Intermittent feed mechanism. 2,015,528; Sept. 24.
- Larson, Iner J., Oaklyn, and J. J. Hoehn, Camden, N. J., assignors to Radio Corporation of America. Speed regulator. 2,002,150; May 21.
- Larson Leon H., Norwalk, Conn., assignor to R. T. Vanderbilt Co. Inc., New York, N. Y. Composition of matter, etc. 2,000,031; May 7.
- Larson, Lewis A., and A. Soll, Compton, Calif. Core ejector. 2,005,978; June 25.
- Larson, Louis J., assignor to A. O. Smith Corporation, Milwaukee, Wis. Electric arc control for welding. 2,020,278; Nov. 5.
- Larson, Louis J., assignor to A. O. Smith Corporation, Milwaukee, Wis. Arc welding electrode. 2,021,628; Nov. 19.
- Larson, Louis L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Paper sizing. 2,022,004; Nov. 26.
- Larson, Marshall O., et al. (See Roth, William A., assignor.)
- Larson, Oscar J. (See Harrison, O. H., Swenson, and Larson.)
- Larson, Wallace Q., assignor to Augsburg Publishing House, Minneapolis, Minn. Greeting card assembly. 2,005,999; June 25.
- Larson, William O., et al. (See Roth, William A., assignor.)
- Larsson, Burt H., Chicago, Ill., assignor to Automatic Musical Instrument Company, Grand Rapids, Mich. Lock barrel retaining pin. 2,020,260; Nov. 5.
- Larsson, Carl A., and P. R. Higson, assignors to Vickers-Armstrongs Limited, Westminster, England. Machine gun. 2,013,312; Sept. 3.
- Larsson, Herman, Hedemora, Sweden. Folding support for folding tables. 2,001,364; May 14.
- Larsson, Joel, Hofors, Sweden, and H. Styri, Philadelphia, Pa. assignors by mesne assignments to SKF Industries, Inc. Philadelphia, Pa. Alloy Steels. 2,004,331; June 11.
- Larsson, Lars I. H., Snopptorp, Eskilstuna, Sweden. Perforated queen-excluder in beehives. 2,001,845; May 21.
- Larsson, Markus, Berlin, Germany. Producing sodium sulphate, and the like. 2,025,756; Dec. 31.
- Larsson, Ragnar W. (See Jonsson, J. E., Larsson, and Rylander.)
- Larter & Sons et al. (See Bayardi, Armand, assignor.)
- Larter & Sons. (See Larter, Warren R., assignor.)
- Larter, Warren R., South Orange, assignor to Larter & Sons, Newark, N. J. Cigarette case. 1,995,348; Mar. 26.
- Larter, Warren R., South Orange, assignor to Larter & Sons, Newark, N. J. Keyless padlock. 1,995,544; Mar. 26.
- LaRue, Richard L., Los Angeles, Calif. Lariat. 1,993,010; Mar. 5.
- La Russa, Anton A. (See Meyers, F. J., and La Russa.)
- La Salle, David P., deceased, Miami, Ariz., Robert M. La Salle, administrator. Auxiliary seat. 1,996,074; Apr. 2.
- La Salle, George W. (See Engel, W. F., La Salle and Treiber.)
- La Salle, Robert M., administrator. (See La Salle, David P.)
- Lasch, Albert, and E. Strömer, Stuttgart, Germany, assignors to Baker Perkins Company, Inc., Saginaw, Mich. Shredding and mixing machine. 2,026,049; Dec. 31.
- Laser, Glenn A., Mansfield, Ohio. Electrical outlet and connector for railway tracks. 2,002,034; May 21.
- Lashbough-Jordan Tool & Machine Co. (See Johnson, Gustaf O., assignor.)
- Lashley, Robert E., assignor of one-third to M. J. Doyle and one-third to J. W. Burkett, Fallay Falls, Kansas. Operating means for gates. 1,995,931; Mar. 26.
- Laska, Leopold, and A. Zitscher, Offenbach-on-the-Main, E. Fischer, Frankfurt-on-the-Main, and W. Lamberz, Leverkusen-Wiesdorf, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble mono-azo-dyestuffs and fiber dyed therewith. 1,995,932; Mar. 26.
- Laska, Leopold, and A. Zitscher, Offenbach-on-the-Main, E. Fischer, Frankfurt-on-the-Main, and W. Lamberz, Leverkusen-Wiesdorf, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble mono-azo-dyestuffs and fiber dyed therewith. 1,995,933; Mar. 26.
- Laska, Leopold, and A. Zitscher, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo-dyestuff and fiber dyed therewith. 2,009,063; July 23.
- Laska, Leopold, O. Haller, and A. Wardermann, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Arylamino-hydroxybenzene and preparing it. 2,013,182; Sept. 3.
- Laska, Leopold, and O. Haller, Offenbach-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Condensation products from phloroglucine and preparing them. 2,018,137; Oct. 22.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., New York, N. Y. Renumbering machine. 1,994,655; Mar. 19.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Punching machine. 2,004,208; June 11.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Punching mechanism. 2,008,396; July 16.
- Laskey, Elizabeth A. (See Brooks, A. J., and Laskey.)

- Laskin, Benjamin, Philadelphia, Pa. Undergarment. 1,985,933; Jan. 1.
- Laskowitz, Isidor B., Brooklyn, N. Y. Centrifugal variable thrust mechanism. 2,009,780; July 30.
- Lasley, Marshall, Chattanooga, Tenn. Treatment of ceramic materials. 2,023,426; Dec. 10.
- La Soudure Electrique Autogene Societe Anonyme. (See Schmerber, Raoul J., assignor.)
- Lass, John, Klemme, Iowa. Flytrap. 2,014,500; Sept. 17.
- Lassen, Eivind U., West Allis, and E. W. Seeger, Wauwatosa, Wis., assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Electric motor control system. 2,002,268; May 21.
- Lassiat, Raymond C. (See Harrison, J. W., and Lassiat.)
- Lassiat, Raymond C., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Temperature regulation of catalytic converters. 1,989,934; Feb. 5.
- Lassiat, Raymond C., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Temperature control of catalytic reactions. 1,989,935; Feb. 5.
- Lastfogel, Abraham. (See Labowitz, L. S., and Lastfogel.)
- Lasting, Hyman B. (See Kirkland, H. T., Sapper, Lasting, and Elkin.)
- Lasting, Hyman B., et al. (See Sapper, C. H., Kirkland, Lasting, and Elkin.)
- Lasztozy, Stephen, Bergenfield, N. J., assignor to Freyberg Brothers, Inc., New York, N. Y. Feed reversing mechanism for sewing machines. 2,005,656; June 18.
- Latham, Allen E., Oakland, Calif. Venetian blinds and hardware therefor. 2,007,376; July 9.
- Latham, Allen E., Oakland, Calif. Venetian blind and hardware therefor. 2,012,856; Aug. 27.
- Latham, Calvin. (See Kelley, I. D., Jr., Lambert, and Latham.)
- Latham, Calvin. (See Lambert, M. L. J., and Latham.)
- Latham, Hubert A. (See Peckham, Josiah F., assignor.)
- Latham, Leonard. (See Pool, W., and Latham.)
- Lathrop, George E., Louisville, Ky., assignor, by mesne assignments, to The Popsicle Corporation of the United States, New York, N. Y. Confection and making same. 2,000,342; May 7.
- Lathrop, Harold F., Fort Wayne, Ind., assignor to General Electric Company. Air conditioning apparatus. 2,019,351; Oct. 29.
- Lathrop Investment Corporation. (See Lockhart, Nathan J., assignor.)
- Latroph, John D., Los Angeles, Calif. Garter band. 2,021,940; Nov. 26.
- Latimer, Charles A., assignor to N. E. Moses, Toledo, Ohio. Thermostatic furnace regulator. 2,010,305; Aug. 6.
- Latimer, O. O. (See Pace, Jefferson D., assignor.)
- Latimer, William G., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich. Oil burner. 2,011,901; Aug. 20.
- Latiolais, Joseph C., Lafayette, La. Table salt drying apparatus. 1,993,330; Mar. 5.
- Latour, Marius, San Sebastian, Spain. Antenna system. 1,987,780; Jan. 15.
- Latshaw, Elmer, assignor to The J. G. Brill Company, Philadelphia, Pa. Wheel. 2,024,375; Dec. 17.
- Latta, Charles, St. Louis, Mo. Internal combustion engine. 1,988,082; Jan. 15.
- Latta, Lynn H., Toledo, Ohio. Figure toy. 2,022,047; Nov. 26.
- Lattemann, Emil, Waldfischbach, Germany. Inner sole. 2,008,985; July 23.
- Lattig, Charles I., Bethlehem, Pa. Automatic telephone register and method. 2,010,868; Aug. 13.
- Lattore, Leo G., and E. Levagood, Dearborn, Mich. Horse-shoe quilt. 2,012,013; Aug. 20.
- Laube, Grover, and E. A. Kaufman, Los Angeles, Calif., assignors to Fox Film Corporation. Lens mount for cameras. 2,006,464; July 2.
- Laubenfels, Clarence R., Burlington, Iowa. Thermostatic switch. 2,000,398; May 7.
- Lauby, Anton J., Marshfield, Wis. Artificial fish lure. 1,996,477; Apr. 2.
- Lauck, Albert G., Alton, Ill., assignor to Owens-Illinois Glass Company. Apparatus for circulating molten glass. 1,995,391; Mar. 26.
- Laucks, I. F., Inc. (See Bowen, Albert H., assignor.)
- Laucks, I. F., Inc. (See Dike, Theodore W., assignor.)
- Laucks, I. F., Incorporated. (See Bowen, A. H., and Dike, assignors.)
- Laucks, I. F., Inc. (See Laucks, Irving F., assignor.)
- Laucks, Irving F., assignor to I. F. Laucks, Inc., Seattle, Wash. Laminated cellulose unit and making same. 2,001,276; May 14.
- Laudenbach, William, Mexico, D. F., Mexico, and F. E. Herndon, Collingswood, N. J., assignors to Westinghouse Electric and Manufacturing Company. Recording apparatus. 1,997,692; Apr. 16.
- Lauder, John. (See Taylor, J. H., and Lauder.)
- Lauer, Luther M., Orchard Park, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Desulphonating diaminodiphenylamine-2-sulphonic acid compounds. 2,022,889; Dec. 3.
- Laudert, Hermann, Rheinhausen-Hochemmerich, Germany. Reversible base plate for casting steel ingots in molds. 1,997,907; Apr. 16.
- Lauenstein, Carl F., Indianapolis, Ind., assignor to Link-Belt Company, Chicago, Ill. Metal treatment. 1,987,481; Jan. 8.
- Lauer, Carl E., et al. (See Kaufman, G., and Lauer.)
- Lauer, Rudolph L., assignor of one-half to T. W. Barnhill, Philadelphia, Pa. Key connector. 2,013,660; Sept. 10.
- Laufenberg, Walter and R. Schwarz, Berlin-Tempelhof, Germany, assignors to firm Chemische Fabrik Buckau, Ammendorf, Germany. The production of dispersions of chlorinated rubber. 2,008,558; July 16.
- Laufer, George B., St. Louis, Mo. Knockdown kneeling bench. 1,994,429; Mar. 12.
- Laufersweiler, William J. (See Brunst, W. M. and Laufersweiler.)
- Laufman, Arthur L. (See Laufman, Isidor and A. L.)
- Laufman, Isidor and A. L., New York, N. Y. Sphygmomanometer. 2,020,469; Nov. 12.
- Laughlin, Guy, Birmingham, Mich. Collet. 2,018,452; Oct. 22.
- Laughlin, Simon S., Wichita, Kans. Ciutch. 2,023,689; Dec. 10.
- Laughlin, William C., Kew Gardens, assignor, by mesne assignments, to Filtration Equipment Corporation, New York, N. Y. Apparatus and system for treating sewage. 2,008,507; July 16.
- Laughlin, William T., Oklahoma City, Okla. Animal trap. 2,023,427; Dec. 10.
- Laugier, Carlos, assignor of thirty per cent to Marcos Odriozola and thirty per cent to T. R. Retana, Mexico, D. F., Mexico. Fuel charge heating means for automotive vehicles. 2,001,466; May 14.
- Laukhuff, Alfred, assignor to Alfa Machine Company, Milwaukee, Wis. Guard for power operated machines. 1,998,245; Apr. 16.
- Launay, André P. L., Paris, France. Perspective drawing instrument. 1,990,040; Feb. 5.
- Laura, Giovanni B., deceased, by Mario Laura, heir at law, Saronno, Italy. Machine for the manufacture of shoes with rubber soles. 1,995,429; Mar. 26.
- Laura, Mario, heir at law. (See Laura, Giovanni B.)
- Laurain, Alfred, assignor to Société du Caoutchouc Manufacturé, Paris, France. Buckle. 2,001,618; May 14.
- Laurent, Milton P., Houston, Tex. Pipe coupling. 2,025,112; Dec. 24.
- Laurent, Milton P., Houston, Tex. Pipe coupling. 2,025,113; Dec. 24.
- Laurent, Milton P., assignor to W-K-M Company, Inc., Houston, Tex. Gate valve. 2,002,780; May 28.
- Lauretti, Piacentino, assignor of one-half to C. A. Wardecker, Carlisle, Pa. Breast buffer for shoe heels. 2,007,949; July 9.
- Lauritsen, Charles C., assignor to California Institute of Technology, Pasadena, Calif. High potential electric discharge tube. 1,995,478; Mar. 26.
- Lauritsen, Charles C., assignor to California Institute of Technology, Pasadena, Calif. Roentgen meter. 2,022,117; Nov. 26.
- Lauritz, Thor, West Los Angeles, Calif. Magazine camera. 1,992,223; Feb. 26.
- Laursen, Laurits A., Akron, Ohio. Method and apparatus for vulcanizing tire casings. 2,025,992; Dec. 31.
- Laursen, Laurits A., assignor of one-fourth to P. F. Laursen, Akron, Ohio. Manufacture of pneumatic tire casings. 2,025,993; Dec. 31.
- Laursen, Pearl F. (See Laursen, Laurits A., assignor.)
- Laursen, Christian A., assignor of one-half to H. L. Barber, Fort Worth, Tex. Liquid pump. 2,018,215; Oct. 22.
- Lauson Corporation. (See Bosma, Alfred S.)
- Laussucq, Henri P. L., Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Press. 1,992,314; Feb. 26.
- Lautenschläger, Carl L., and W. Ludwig, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Physiologically active extracts from placenta and preparing them. 1,989,993; Feb. 5.
- Lautenschläger, Carl L., and F. Lindner, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing muscle adenylic acid. 2,010,192; Aug. 6.
- Lauter, Philip. (See Fried, Joseph A., assignor.)
- Lauter, Werner M., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preparation of alkylene diamines. 2,020,690; Nov. 12.
- Lauterbur, Edward J. (See Lauterbur, Frank X., and E. J.)
- Lauterbur, Edward J., Sidney, Ohio. Dough mixer. 2,011,494; Aug. 13.
- Lauterbur, Edward J., Sidney, Ohio. Dough mixer. 2,025,541; Dec. 24.
- Lauterbur, Edward J., and F. X. Lauterbur, Sidney, assignors to The Peerless Bread Machine Company, Sidney, Ohio. Apparatus for conveying and conditioning pulverulent material. 2,003,716; June 4.
- Lauterbur, Frank X. (See Lauterbur, Edward J., and F. X.)
- Lauterbur, Frank X., deceased, and E. J. Lauterbur, Sidney, Ohio; W. S. and L. V. Lauterbur, executors. Dough molding machinery. 1,987,237; Jan. 8.
- Lauterbur, Frank X., deceased, and E. J. Lauterbur, Sidney, Ohio; W. S. and L. V. Lauterbur, executors. Mixing machine. 1,988,561; Jan. 22.
- Lauterbur, Frank X., deceased, and E. J. Lauterbur, Sidney, Ohio; W. S. and L. V. Lauterbur, executors. Weighing, blending, elevating, and sifting machine. 2,019,574; Nov. 5.
- Lauterbur, Leo V., executor et al. (See Lauterbur, Frank X., and E. J.)

- Lauterbur, Wilhelmina S., executor et al. (See Lauterbur, Frank, and E. J.)
- Lauth, Heinrich. (See Schick, P., and Lauth.)
- Lautz, Carl F. (See Peo, R. F., and Lautz.)
- Lautz, Carl F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Individual wheel suspension. 2,019,982; Nov. 5.
- Lava Crucible Company of Pittsburgh. (See South, F., Jr., and Neuhausen, assignors.)
- Lavalée, Joseph A., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding method. 2,023,085; Dec. 3.
- Lavalée, Joseph A., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding apparatus. 2,023,086; Dec. 3.
- Lavalée, Wilfrid, Longueuil, Quebec, assignor of one-half to Cyrien Ste-Marie, Longueuil, Quebec, Canada. Lock for safes. 2,000,238; May 7.
- Lavarack, William H. B., Pine Bush, assignor to Railroad Accessories Corporation, New York, N. Y. Connector. 1,989,043; Jan. 22.
- Laveau, Angeline, Malden, Mass. Spool. 1,999,765; Apr. 30.
- Lavender, John J., Bronx, assignor to L. M. Friedman, New York, N. Y. Water heater. 2,006,836; July 2.
- La Vergne, Arthur J., Highland Park, Mich. Ventilator. 2,013,244; Sept. 3.
- Lavergne, Paul A., and R. J. Gaubert, Oakland, Calif. Wrapping machine. 2,022,425; Nov. 26.
- Lavietes, David P., Brooklyn, N. Y. Tobacco pipe. 2,003,373; June 4.
- Lavietes, David P., Brooklyn, N. Y. Tobacco pipe. 2,020,730; Nov. 12.
- Lavigne, Isobel R., et al. (See Lavigne, Michael A. S., assignor.)
- Lavigne, Michael A. S., assignor of eighty-five per cent to Marvin M. Taylor as trustee for Isobel R. Lavigne and fifteen per cent to M. M. Taylor, Worcester, Mass. Oil burner. 2,025,459; Dec. 24.
- Lavine Gear Company. (See Hawley, Robert C., assignor.)
- Lavine Gear Company. (See Twyman, B. Wickliffe, assignor.)
- Lavins, E. J., and Company. (See Sell, Gilbert E., assignor.)
- La Violette, William A. (See Englebright, A. E., and La Violette.)
- Lavitt, James E., assignor to J. B. Watson, Everett, Wash. Artificial bait. 2,002,117; May 21.
- Law, Duff C., deceased, Philadelphia, Pa., by J. F. Law, administratrix, Philadelphia, Pa., assignor to United Research Corporation, Long Island City, N. Y. Phototube. 2,001,685; May 14.
- Law, George H., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Preparation of diketone. 2,019,983; Nov. 5.
- Law, Harry, Snelling, Calif. Spring suspension for vehicles. 2,022,426; Nov. 26.
- Law, Janet F., Administratrix. (See Law, Duff C.)
- Lawhorn, Ervin F., and S. R. Brenaman, Lanark, Ill. Grinding device. 2,001,497; May 14.
- Lawler, Matthew M., Beverly Hills, Calif., assignor to The Cooling and Air Conditioning Corporation, Boston, Mass. Cooling of air by refrigeration. 2,018,453; Oct. 22.
- Lawlor, John J., Plainfield, N. J., assignor to General Foundry Machinery Corporation, Wilmington, Del. Conveyor. 2,013,858; Sept. 10.
- Lawlor, Joseph P., Ames, Iowa. Drilling wells. 2,016,785; Oct. 8.
- Lawlor, Simeon C., Chicago, Ill. Mop holder. 2,014,109; Sept. 10.
- Lawrance, Athol E. N., Kenilworth, Johannesburg, Union of South Africa. Acoustical diaphragm. 1,990,409; Feb. 5.
- Lawrence, A. C., Leather Company. (See Bell, Kenneth E., assignor.)
- Lawrence, A. C., Leather Company. (See Herzog, Herman A., assignor.)
- Lawrence, Alfred N. (See Braddon, F. D., and Lawrence.)
- Lawrence, Andrew, Cle Elum, Wash. Toy. 2,011,977; Aug. 20.
- Lawrence, Benjamin E., Chicago, Ill. Food and beverage mixer. 2,008,106; July 16.
- Lawrence, Benjamin E., and B. Hayes, Chicago, Ill., said Hayes assignor to said Lawrence. Electric clock. 2,008,105; July 16.
- Lawrence, Charles K. (See Kniskern, W. H., and Lawrence.)
- Lawrence, Charles K., Syracuse, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Fertilizer and process for the production of the same. 2,019,713; Nov. 5.
- Lawrence, Etna R., Philadelphia, Pa. Tire enclosure. 2,010,270; Aug. 6.
- Lawrence, George W., assignor to W. J. Pearson, Los Angeles, Calif. Keyboard clutch. 1,987,742; Jan. 15.
- Lawrence, George W., assignor to W. J. Pearson, Los Angeles, Calif. Meter controlled lock. 1,988,625; Jan. 22.
- Lawrence, George W., assignor to W. J. Pearson, Los Angeles, Calif. Parcel post scale. 2,023,927; Dec. 10.
- Lawrence Glass Novelty Co., The. (See Adams, R. U., and Hibbs, assignors.)
- Lawrence, James V. (See Ross, E. P., and Lawrence.)
- Lawrence, John H. (See Murray, T. E., and Lawrence.)
- Lawrence, Leo W., Winston-Salem, N. C. Extension table. 2,015,599; Sept. 24.
- Lawrence Paper Company, The. (See Hill, Irving, and J. D., assignors.)
- Lawrence Paper Company, The. (See Siler, Edward H., assignor.)
- Lawrence, William H., Jr., Marblehead, assignor to Lee Laboratories, Incorporated, Cambridge, Mass. Preparation of calcium acetylsalicylate. 2,003,374; June 4.
- Lawrence, Winthrop S., Rego Park, N. Y., and T. H. Miller, East Orange, N. J., assignors to Kaumagraph Company, New York, N. Y. Transfer. 2,008,763; July 23.
- Lawrie, David A., Chicago, Ill. Package. 2,024,970; Dec. 17.
- Lawrie, Leslie G. (See Evans, J. G., and Lawrie.)
- Lawson, Al T., DeKalb, Ill. Powder puff and powder holder. 2,026,476; Dec. 31.
- Lawson, Albert R., Hamilton, Ontario, assignor, by mesne assignments, to American Sales Book Company, Limited, Toronto, Ontario, Canada. Triplicate manifold book. 2,002,226; May 21.
- Lawson, Axel A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Filler device for shoes. 1,991,462; Feb. 19.
- Lawson, Axel A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastener supplying mechanism. 2,000,139; May 7.
- Lawson, Axel A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Outsole removing machine. 2,000,963; May 14.
- Lawson, Gust, assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Producing sharp corners in metal stock. 2,023,638; Dec. 10.
- Lawson, James I., Wadesboro, N. C. Dental articulator. 2,018,679; Oct. 29.
- Lawson, John, Bristol Highlands, assignor to Lawson Knitting Company, Central Falls, R. I. Knitted fabric. 2,009,361; July 23.
- Lawson, John R., Denver, Colo. Kerf cleaning attachment for coal cutters. 1,998,876; Apr. 23.
- Lawson, John R., Denver, Colo. Apparatus for cutting coal pillars. 1,998,877; Apr. 23.
- Lawson-Johnson, Percival G. (See Dignan, Ernest M., assignor.)
- Lawson Knitting Company. (See Lawson, John, assignor.)
- Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in the manufacture of shoes. 1,999,298; Apr. 30.
- Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoemaking. 2,010,092; Aug. 6.
- Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Knitted fabric. 1,992,899; Feb. 26.
- Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Stocking or half hose and making the same. 1,995,262; Mar. 19.
- Lawson, Robert H., Pawtucket, and R. F. Lovell, Providence, assignors to Hemphill Company, Central Falls, R. I. Knitted fabric. 1,996,648; Apr. 2.
- Lawson, Robert H., Pawtucket, and A. Gagné, assignors to Hemphill Company, Central Falls, R. I. Web transferring mechanism and take-up. 2,013,563; Sept. 3.
- Lawson, Robert H., Pawtucket, and R. F. Lovell, Providence, assignors to Hemphill Company, Central Falls, R. I. Making knitted fabrics. 2,024,174; Dec. 17.
- Lawson, Walter E. (See Dykstra, H. E., and Lawson.)
- Lawson, Walter E. (See Graves, G. DeW., and Lawson.)
- Lawson, Walter E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative composition. 1,989,701; Feb. 5.
- Lawson, Walter E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of higher aliphatic alcohols. 2,015,077; Sept. 24.
- Lawson, Walter E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,015,078; Sept. 24.
- Lawson, Walter E., Woodbury, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Isomerization of rubber. 2,018,678; Oct. 29.
- Lawson, Walter E., and P. L. Salzberg, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Levulinic acid ester. 2,008,720; July 23.
- Lawton, Harvey B., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Resilient support. 2,018,180; Oct. 22.
- Lawton, Howard C., A. G. Loomis, and H. A. Ambrose, assignors, by mesne assignments, to Gulf Research & Development Corporation, Pittsburgh, Pa. Drilling wells and well drilling fluid. 1,999,766; Apr. 30.
- Lawyer, Leo L., Idaho Falls, Idaho. Trouble lamp. 2,022,209; Nov. 26.
- Lay, Tracy H., Washington, D. C. Plant support. 2,009,668; July 30.
- Laycock, John N., Boston, Mass. Sealed package for easy opening. 1,998,372; Apr. 16.
- Layden, Thomas E., Topeka, Kans. Firebox door. 2,005,864; June 25.
- Layer, Ellsworth G. (See Finley, C. A., and Layer.)
- Layer, Ellsworth G. (See Rand, B. G., and Layer.)
- Layer, Ellsworth G. (See Wolters, C. F., and Layer.)

- Layer, Ellsworth G., Kenmore, assignor to Remington Rand Inc., Buffalo, N. Y. Cardindex device. 2,026,503; Dec. 31.
- Layland, Charles J., Hamilton, Ontario, Canada. Bottle drying device. 1,996,299; Apr. 2.
- Layne & Bowler Company. (See Roco, Albert L., assignor.)
- Layne, Leslie A., Houston, Tex. Apparatus for placing gravel in wells. 2,014,770; Sept. 17.
- Layne, Leslie A., Houston, Tex. Whipstock packer. 2,020,471; Nov. 12.
- Layte, Ralph R., Short Hills, assignor to Motor Improvements, Inc., Newark, N. J. Air cleaner. 2,018,074; Oct. 22.
- Layton, Joseph E., Seattle, Wash. Protective headgear for chickens. 2,018,796; Oct. 29.
- Lazare, Jacob B., Brooklyn, N. Y. Anaesthesia apron. 2,005,294; June 18.
- Lazarides, Thrasvule D., New York, N. Y. Vehicle body construction. 2,006,956; July 2.
- Lazarides, Thrasvule D., New York, N. Y. Vehicle body construction having removable posts. 2,006,957; July 2.
- Lazarides, Thrasvule D., New York, N. Y. Locking closure construction. 2,009,808; July 30.
- Lazarus, Alexander, Ozone Park, and A. Brown, Brooklyn, N. Y. Locking device for vehicles. 2,022,725; Dec. 3.
- Lazarus, Peter L., St. Louis, Mo. Supporting device for hats and garments. 2,010,093; Aug. 6.
- Lazarus, Simon, Louisville, Ky. Nonrefillable bottle. 2,013,470; Sept. 3.
- Lazich, Branko, Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for changing speed and direction of rotation by reversing a constant speed motor. 1,991,756; Feb. 19.
- Lazier, Wilbur A. (See Arnold, H. R., and Lazier.)
- Lazier, Wilbur A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkyl halide synthesis. 1,996,115; Apr. 2.
- Lazier, Wilbur A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of condensation products. 1,999,196; Apr. 30.
- Lazier, Wilbur A., Marshalltown, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Product and process for preparing same. 2,004,874; June 11.
- Lazier, Wilbur A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of amines. 2,017,069; Oct. 15.
- Lazier, Wilbur A., Roselle, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic composition. 2,017,070; Oct. 15.
- Lazier, Wilbur A., Marshalltown, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of pyridine bodies. 2,018,680; Oct. 29.
- Lazier, Wilbur A., Marshalltown, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of pyridine bodies. 2,019,419; Oct. 29.
- Lazzarini, Aldo, Flushing, N. Y. Automatic change-gear transmission mechanism for automobiles. 1,994,581; Mar. 19.
- Lazzarini, Aldo, Flushing, N. Y. One-way freewheeling clutch and means to control its operation. 2,013,413; Sept. 3.
- Lazzarini, Aldo, Flushing, N. Y. Automatic gear shifter for automobile transmissions. 2,015,116; Sept. 24.
- Lea, Christian O., Chippewa Falls, Wis. Dough working pressure board. 2,014,183; Sept. 10.
- Lea, Henry I., Santa Monica, Calif. Distillation process and apparatus. 1,990,831; Feb. 12.
- Lea Manufacturing Company, The. (See Leather, Robert S., assignor.)
- Lea, William H., et al. (See Booharin, Leo X., assignor.)
- Leach, Albert E., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Brake lining material and producing same. 2,014,438; Sept. 17.
- Leach, Albert E., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Car jacking mechanism. 2,014,439; Sept. 17.
- Leach, C. H., Company. (See Cattanaach, Frederick W., assignor.)
- Leach, Charles H., Roselle, N. J. Heat exchange apparatus. 1,987,116; Jan. 8.
- Leach, Charles H., Roselle, N. J. Heat exchange apparatus. 1,997,194; Apr. 9.
- Leach, Charles H., Roselle, N. J. Heat exchange apparatus. 2,004,469; June 11.
- Leach, Charles H., Roselle, N. J. Bubble tower apparatus. 2,020,895; Nov. 12.
- Leach, Edward A., Schenectady, N. Y., assignor to General Electric Company. Indicating device. 2,016,149; Oct. 1.
- Leach, Elmer, et al. (See Wilson, William A., assignor.)
- Leach, Grover C. and T. R., Brownwood, Tex. Disk grinding machine. 1,998,783; Apr. 23.
- Leach, Lloyd L., Buffalo, and J. C. Siemann, Kenmore, assignors to Du Pont Cellophane Company, Inc., New York, N. Y. Moistureproof material. 1,990,080; Feb. 5.
- Leach, Merle F., Yorktown Heights, N. Y. Automatic oiling device. 2,022,726; Dec. 3.
- Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloy. 2,015,345; Sept. 24.
- Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloy. 2,019,984; Nov. 5.
- Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloy. 2,020,949; Nov. 12.
- Leach, Robert W. and W. H. Bateman, Newport, England. Valve. 1,999,592; Apr. 30.
- Leach, Thomas R. (See Leach, Grover C. and T. R.)
- Leach, William W., Warren, assignor to The Aetna Standard Engineering Company, Youngstown, Ohio. Roll polishing apparatus. 2,018,728; Oct. 29.
- Leach, William W., Warren, assignor to The Aetna Standard Engineering Company, Youngstown, Ohio. Roll polishing apparatus. 2,018,729; Oct. 29.
- Leahy, James F., assignor to Atlas Tack Corporation, Fairhaven, Mass. Coloring aluminum articles. 2,001,427; May 14.
- Leahy, James F., assignor to Atlas Tack Corporation, Fairhaven, Mass. Coloration of aluminum articles. 2,019,229; Oct. 29.
- Leahy, Michael J., Fort Worth, Tex. Removing sulphur compounds from gas. 1,995,545; Mar. 26.
- Leak, Arthur H., Ramsey, N. J., assignor, by mesne assignments, to The Reed Propeller Co., Inc., Garden City, N. Y. Supercharger fuel drain. 2,026,182; Dec. 31.
- Leake, Arthur G., Bridgeport, Conn. Strengthening eye-bars. 1,995,313; Mar. 26.
- Leake, Arthur G., Bridgeport, Conn. Strengthening structural members. 2,000,599; May 7.
- Leake, Arthur G., Bridgeport, Conn. Tightening loose rivets in structural members. 2,004,665; June 11.
- Leake, Arthur G., Bridgeport, Conn. Structural steel connection. 2,019,684; Nov. 5.
- Leanza, Pasquale, et al. (See Lahn, Frederick C., assignor.)
- Leaper, Percy J. (See Meuser, L. and Leaper.)
- Leaper, Percy J., Naugatuck, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Stabilization of aldehyde products. 2,001,788; May 21.
- Lear, Joseph D., assignor to Sterling Automotive Products Corporation, Buffalo, N. Y. Valve for pneumatic tires. 1,989,994; Feb. 5.
- Lear, Joseph D., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigeration evaporator. 1,994,430; Mar. 12.
- Lear, William P., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Automobile radio control. 2,020,420; Nov. 12.
- Leary, James W., Bloomfield, N. J., assignor to American Machine & Foundry Company. Stamping device for packers. 1,992,755; Feb. 26.
- Leas and McVitty, Inc. (See Whitmore, Lester M., assignor.)
- Leasley, Allen A., Detroit, Mich. Vending machine. 2,019,916; Nov. 5.
- Leather Products Corporation. (See Lyddane, Mortimer C., assignor.)
- Leather, Robert S., assignor to The Lea Manufacturing Company, Waterbury, Conn. Buffering material package. 2,018,075; Oct. 22.
- Leatherman, Clarence M., Coldwater, Mich. Compass mechanism. 2,014,024; Sept. 10.
- Leatherman, Martin, Hyattsville, Md., dedicated to the free use of the public. Fireproofing cellulosic materials. 1,990,292; Feb. 5.
- Leatherman, Martin, Hyattsville, Md., dedicated to the free use of the Public of the United States of America. Fire proofing cellulosic materials. 2,012,686; Aug. 27.
- Leatherman, Martin, Hyattsville, Md., dedicated to the Free Use of the Public of The United States of America. Fireproofing cellulosic materials. 2,017,805; Oct. 15.
- Leathers, Ward, Haworth, N. J., assignor to The Quadrex Corporation. Tubular filter. 2,000,854; May 7.
- Leathers, Ward, Haworth, N. J., assignor to The Quadrex Corporation. Vacuum-broom. 2,002,636; May 28.
- Leathers, Ward, Haworth, N. J., assignor to The Quadrex Corporation. Suction cleaner. 2,002,637; May 28.
- Leathers, Ward, Haworth, N. J., assignor, by mesne assignments, to The Quadrex Corporation. Vacuum cleaner filter. 2,020,120; Nov. 5.
- Leathers, Ward, Haworth, N. J., assignor to The Quadrex Corporation. Motor suction unit. 2,020,121; Nov. 5.
- Léauté, Pierre M. A., assignor to Societe de Recherches & de Perfectionnements Industriels, Puteaux, France. Apparatus for the thermic treatment of pulverized liquids or semiliquids. 1,997,937; Apr. 16.
- Leaveck, Michael J., Detroit, Mich. Adjustable wrench. 2,001,789; May 21.
- Leavens, Robert E., Houston, Tex. Serving tray. 2,007,541; July 9.
- Leaver, Charles. (See Stratford, R. K., and Leaver.)
- Leavitt Albert, San Francisco, Calif. Dispensing device. 1,989,322; Jan. 29.
- Leavitt Machine Company, The. (See Albee, Hugh M., assignor.)
- Leavitt, Roger P., Rochester, assignor to Eastman Kodak Company, New York, N. Y. Wet film holder for projection printing. 1,987,067; Jan. 8.
- Leavitt, Roger P., assignor to Eastman Kodak Company, Rochester, N. Y. Wet film holder. 1,997,336; Apr. 9.
- Lebanon Steel Foundry. (See Jones, Abner C., assignor.)
- Le Barbier, Emile P. L., Nice, France. Method and apparatus for obtaining stereoscopic effects. 2,001,256; May 14.
- Lebaron Detroit Company. (See Votyka, John, assignor.)
- Lebedeff, Yurii E. (See Betterton, J. O., and Lebedeff.)

- Lebedenko, Nikolai, Berlin-Wilmersdorf, R. Levy, Berlin-Wilmersdorf and W. Zeitlin, Berlin-Charlottenberg, Germany, assignors to Iris-Licht G. m. b. H., Berlin, Germany. Process and apparatus for the production of luminous signs in electric gas discharge tubes. 2,004,577; June 11.
- LeBel, Clarence J., Lynn, assignor to Hygrade Sylvania Corporation, Salem, Mass. Glow discharge sign. 2,004,995; June 18.
- LeBlanc, Emile. (See Appel, H. A., and LeBlanc.)
- Le Blanc, Eugene, Leominster, Mass. Machine for grinding shuttle points. 1,993,064; Mar. 5.
- Le Blanc, Joseph O., Hastings, Nebr. Card holder. 1,996,968; Apr. 9.
- Leblang, Mack, Brooklyn, assignor to Hazard Advertising Corporation, New York, N. Y. Reproducing fabrics. 1,994,775; Mar. 19.
- Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Siekmann, assignors.)
- Lebo, Robert B., and C. M. Beamer, Elizabeth, N. J., assignor to Standard Alcohol Company. Purifying esters. 1,988,801; Jan. 22.
- Le Boutilier, Austin. (See Brillhart, S. E., and Le Boutilier.)
- Lecarpentier, George H., Chicago, assignor to A. G. McCaleb, Evanston, Ill. Combination thermometer and hydrometer. 2,002,183; May 21.
- Lecarpentier, George H., Chicago, assignor to A. G. McCaleb, Evanston, Ill. Antifreeze indicator. 2,002,184; May 21.
- Lechelt, Theodor, Amsterdam, Netherlands. Percussive tool. 1,992,703; Feb. 26.
- Lechesne, Gabriel, Montreuil-sous-Bois, assignor to P. Durand, Neuilly-sur-Seine, Seine, France. Setting head for machines for the grinding of worms. 2,023,329; Dec. 3.
- Lechler, Erwin F., New York, N. Y. Hair curling device. 2,008,508; July 16.
- Lechler, Erwin F., New York, N. Y. Hair curling device. 2,013,183; Sept. 3.
- LeClair, Titus G., and C. M. Gross, Chicago, Ill. Switching means. 2,017,907; Oct. 22.
- Lecler, Charles, assignor Levallois-Perret, to M. Houdaille, Levallois-Perret, Seine, France. Resilient connection. 2,001,257; May 14.
- Le Compte, Charles R. (See Inman, C. H., and Le Compte.)
- Le Coney, Joseph H., Bedford, assignor to Earnshaw Knitting Company, Newton, Mass. Sanitary wash cloth. 1,993,174; Mar. 5.
- LeCount, George E., Pittsfield, Mass., assignor to General Electric Company. Spring drive. 2,023,235; Dec. 3.
- Lecoutre, Auguste J., Worcester, Mass., assignor to I. Newman & Sons, Inc., New Haven, Conn. Corset. 2,012,880; Aug. 27.
- LeCras, Thomas J., Toronto, Ontario, Canada. Hernia truss. 1,989,936; Feb. 5.
- Ledbetter, James C., Jackson Heights, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Garment or ironing press. 2,002,185; May 21.
- Ledbetter, James C., Jackson Heights, Long Island, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Press. 2,005,865; June 25.
- Ledbetter, James C., Jackson Heights, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Garment or ironing press. 2,013,102; Sept. 3.
- Ledbetter, William H., Dallas, Texas. Tractor wheel. 2,005,550; June 18.
- Ledein, Hyman, Los Angeles, Calif., assignor to The Falk Corporation, Milwaukee, Wis. Bearing. 1,989,619; Jan. 29.
- Leder, Paul. (See Lensch, R., and Leder.)
- Lederer, Anton. (See de Beaufort, J. M. E., and Lederer.)
- Lederer, Ernest A. (See de Beaufort, J. M. E., and Lederer, assignors.)
- Lederer, Ernest A. (See Marden, J. W., and Lederer.)
- Lederer, Ernest A., Glen Ridge, assignor to General Electric Vapor Lamp Co., Hoboken, N. J. Starting device for low voltage discharge tubes. 2,020,731; Nov. 12.
- Lederer, Karl M., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Thermocouple mounting. 2,000,489; May 7.
- Lederer, Walter S., Providence, R. I. Extension device. 1,996,517; Apr. 2.
- Ledere, William F., Waterbury, Conn. Garment hanger. 1,990,128; Feb. 5.
- Lederfeld, Robert. (See Bauer, William J., assignor.)
- Lederfeld, Robert, Long Beach, N. Y. Powder box. 1,999,242; Apr. 30.
- Lederle, Eckbert, and M. Guenther, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Chrome yellow color. 2,023,928; Dec. 10.
- Ledlig, Willy, Berlin-Lichtenrade, G. Müller, Berlin-Steglitz, H. Asmussen, Berlin-Charlottenberg, S. Duhse, Berlin-Grunewald, H. Wilde, Berlin, Germany, assignors to General Electric Company. Packing machine. 1,991,223; Feb. 12.
- Ledin, Charles, assignor to The Yale and Towne Manufacturing Company, Stamford, Conn. Padlock. 1,993,408; Mar. 5.
- Ledin, Charles, and K. A. Brauning, assignors to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 1,998,246; Apr. 16.
- Lednum, Edmund T., Evanston, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Initiator. 2,024,586; Dec. 17.
- Ledoux, Antoinette A., Worcester, Mass. Liquid level gauge. 1,997,002; Apr. 9.
- Le Duc, Fred C., Minneapolis, Minn., assignor, by mesne assignments, to Western Metal Products Company. Curb stop box. 2,008,138; July 16.
- Le Duc, Joseph E., Outremont, near Montreal, Quebec, Canada. Respiratory mask. 2,007,867; July 9.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Frame structure for porch swings or the like. 1,987,199; Jan. 8.
- Ledwinka, Joseph, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Pneumatic tire. 1,999,937; Apr. 30.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle wheel construction. 2,000,000; Apr. 30.
- Ledwinka, Joseph, Philadelphia, assignor to E. G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle frame. 2,001,846; May 21.
- Lee, Bess B., assignor to David C. Shepard, St. Paul, Minn. Paper container. 2,014,477; Sept. 17.
- Lee, Charles L., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Heat treating piston rings. 2,014,440; Sept. 17.
- Lee, Charles L., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,989,323; Jan. 29.
- Lee, Charles S., Eatontown, N. J., assignor to W. Wright, Medfield, Mass. Nose band. 2,023,532; Dec. 10.
- Lee, Dwight B., Detroit, Mich. Vehicle ventilating window. 2,002,898; May 28.
- Lee, Dwight B., Detroit, Mich. Vehicle ventilating apparatus. 2,002,899; May 28.
- Lee, Dwight B., Detroit, Mich. Vehicle ventilating apparatus. 2,020,896; Nov. 12.
- Lee & Foley. (See Lee, Joseph T., assignor.)
- Lee, Frank H., Danbury, Conn. Hat. 2,018,614; Oct. 22.
- Lee, Frank H., Company, The. (See Boughton, Eugene W., assignor.)
- Lee, Frederick E., R. Lepsoe, and F. H. Chapman, Trail, British Columbia, assignors to The Consolidated Mining and Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Recovering sulphur dioxide gas in a highly concentrated form from mixed gas containing sulphur dioxide. 2,021,558; Nov. 19.
- Lee, George L., Maplewood, assignor to Landon P. Smith, Inc., Irvington, N. J. Wood scraper. 1,994,317; Mar. 12.
- Lee, Harry S., Detroit, Mich. Grate structure. 1,992,315; Feb. 26.
- Lee, Harry S., Detroit, Mich. Apparatus for manufacturing improved cement clinkers. 2,012,881; Aug. 27.
- Lee, Harry S., Detroit, Mich. Fuel feed burner. 2,014,940; Sept. 17.
- Lee, Harry S., Detroit, Mich. Closure apparatus for treatment chambers. 2,014,941; Sept. 17.
- Lee, Henry R. (See Spiegler, L., and Lee.)
- Lee, Henry R., South Milwaukee, Wis., assignor to E. I. duPont de Nemours & Company, Wilmington, Del. Preparation of quinizarine. 2,003,859; June 4.
- Lee, Henry R., South Milwaukee, and E. C. Buxbaum, Shorewood, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of 1-N-methyl-4-bromo-anthrapyridone. 2,012,233; Aug. 20.
- Lee, Herman C., and R. F. Norris, assignors to C. F. Burgess Laboratories, Inc., Madison, Wis. Multiple attachment receptacle. 1,995,855; Mar. 26.
- Lee, Horace W., assignor to Kapella Limited, Leicester, England. Lens for photographic and like purposes. 2,012,822; Aug. 27.
- Lee, Horace W., assignor to Kapella Limited, Leicester, England. Lens. 2,019,985; Nov. 5.
- Lee, Ira E. (See Calcott, W. S., and Lee.)
- Lee, James Edgar, O. T. Gylleck, and F. Barney, assignors to The Challenge Machinery Company, Grand Haven, Mich. Printer's quoin. 2,003,597; June 4.
- Lee, James F., Palo Alto, Calif. X-Ray tube. 2,011,540; Aug. 13.
- Lee, James F., Palo Alto, Calif. Autoprotective X-ray tube. 2,011,541; Aug. 13.
- Lee, James F., Palo Alto, Calif. Multiple-focus X-ray tube. 2,011,542; Aug. 13.
- Lee, Jess M. (See Van Dissen, J. L., Williams, and Lee.)
- Lee, John, Zurich, Switzerland, assignor to E. R. Squibb & Sons, New York, N. Y. Amidines. 2,004,994; June 18.
- Lee, John H. (See Berg, J., and Lindsay, assignors.)
- Lee, John R., assignor to Cantilever Seat Company, Incorporated, Wallingford, Conn. Spring cushion. 2,008,670; July 23.
- Lee, Joseph C. (See Anderson, Anthony V., and J. E., and Lee.)
- Lee, Joseph T., Danbury, Conn., assignor to Lee & Foley, Danbury, Conn. Bat stretching machine or the like. 2,012,882; Aug. 27.
- Lee Laboratories Incorporated. (See Lawrence, William H., Jr., assignor.)
- Lee, Leslie N. (See Dreyfus, C., and Lee.)
- Lee, Louis R., Rotherstown, assignor to Armstrong Cork Company, Lancaster, Pa. Cork insulation. 2,022,727; Dec. 3.

- Lee, Martin L., Brooklyn, N. Y. and A. Kaufmann, South Orange, N. J., assignors to K. Kaufmann & Co., Inc., Newark, N. J. Traveling bag. 2,002,638; May 28.
- Lee, Marvin, Brooklyn, assignor to Burndy Engineering Co., Inc., New York, N. Y. Branch electrical cable connector. 1,993,968; Mar. 12.
- Lee, Maurice W., Nashville, Tenn. Rotary compressor. 1,986,272; Jan. 1.
- Lee, Orval W., Spokane, Wash. Ophthalmic test-media and preparing same. 1,999,054; Apr. 23.
- Lee, Orval W., Spokane, Wash. Optical appliance. 2,003,806; June 4.
- Lee, Orval W., Spokane, Wash. Diagnostic lens. 2,204,376; Dec. 17.
- Lee, Ralph L., Dayton, Ohio, assignor, by mesne assignments, to Motion Picture Engineering Company. Electrical actuator. 1,989,620; Jan. 29.
- Lee, Reuben, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Key click filter. 2,020,950; Nov. 12.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Automotive vehicle. 1,995,031; Mar. 19.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Motor mounting. 2,002,269; May 21.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Tire and rim assembly. 2,016,150; Oct. 1.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Driving mechanism. 2,024,459; Dec. 17.
- Lee Rubber & Tire Corporation. (See Nellen, A. H., and Leopold, Jr.)
- Lee, Thomas, Westfield, N. J. Elevator safety device. 2,016,332; Oct. 8.
- Lee, Thomas L. (See Hutchins, W. H., and Lee.)
- Lee, Thomas L., assignor to North East Appliance Corporation, Rochester, N. Y. Electrical condenser. 2,003,002; May 28.
- Lee, William M., Bala-Cynwyd, Pa. Producing alkyl thiocyanates and similar esters. 1,992,533; Feb. 26.
- Lee, William M., Bala-Cynwyd, Pa. Producing mercaptans and thio-ethers. 2,020,421; Nov. 12.
- Lee, William S., Los Angeles, Calif., assignor to Oswego Falls Corporation, Fulton, N. Y. Package for discoidal bottle caps. 1,999,879; Apr. 30.
- Lee, Willis W., Detroit, Mich. Compression supporting device. 1,995,002; Mar. 19.
- Lee, Yuk-Wing. (See Wiener, N., and Lee.)
- Leece, Bennett M., assignor to The Leece-Neville Company, Cleveland, Ohio. Voltage regulating device. 2,003,001; May 28.
- Leece, Bennett M., assignor to The Leece-Neville Company, Cleveland, Ohio. Vibrator coil. 2,009,892; July 30.
- Leece, Bennett M., assignor to The Leece-Neville Company, Cleveland, Ohio. Generator. 2,015,600; Sept. 24.
- Leece, Bennett M., Cleveland, and D. S. Cole, Cleveland Heights, Ohio, assignors to The Leece-Neville Company, Cleveland, Ohio. Generator regulating device. 2,001,579; May 14.
- Leece-Neville Company, The. (See Leece, Bennett M., assignor.)
- Leece-Neville Company, The. (See Leece, B. M. and Cole, assignors.)
- Leech, Edward J., assignor, by mesne assignments, to C. T. and J. A. Campbell, Kewaunee, Wis. Adjustable stool and the like. 2,010,306; Aug. 6.
- Leech, Hugh H., Atlanta, Ga. Exerciser. 1,993,409; Mar. 5.
- Leedham, Leslie H. (See Coley, J., and Leedham.)
- Leeds, Myron P., Newark, assignor to Emeloid Company, Arlington, N. J. Reflector device. 2,016,333; Oct. 8.
- Leeds & Northrup Company. (See Behr, Leo, assignor.)
- Leeds and Northrup Company. (See Doyle, Edgar D., assignor.)
- Leeds & Northrup Company. (See Harsch, John W., assignor.)
- Leeds & Northrup Company. (See Mears, A. H., and Wilson, assignors.)
- Leeds & Northrup Company. (See Quereau, John F., assignor.)
- Leeds & Northrup Company. (See Rosecrans, Crandall Z., assignor.)
- Leeds & Northrup Company. (See Stammerger, Lorenz O., assignor.)
- Leeds & Northrup Company. (See Wilson, Benjamin J., assignor.)
- Leeds & Northrup Company. (See Wunsch, Felix, assignor.)
- Leeds, Winthrow M. (See Baker, B. P., and Leeds.)
- Leeds, Winthrow M., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 1,991,901; Feb. 19.
- Leef, George H. (See Leef, John H., and G. H.)
- Leef, John H., and G. H., Minneapolis, Minn. Garment sleeve ironer. 2,022,210; Nov. 26.
- Leeman, Frank O. (See Duncan, Clyde E.)
- Leemhuis, Johannes C. P. (See Leggat, R., and Leemhuis.)
- Lees, Ernest J., assignor to The Lees-Bradner Company, Cleveland, Ohio. Tool driving mechanism. 1,991,754; Feb. 19.
- Lees, Ernest J., assignor to The Lees-Bradner Company, Cleveland, Ohio. Finishing tool. 2,025,688; Dec. 24.
- Lees-Bradner Company, The. (See Lees, Ernest J., assignor.)
- Lees-Bradner Company, The. (See Schurr, Charles H., assignor.)
- Lees-Bradner Company, The. (See Schurr, C. H., and Warner, assignors.)
- Lees-Bradner Company, The. (See Warner, Homer C., assignor.)
- Lees, Kenneth F. (See Hobart, L. C., and Lees.)
- Leeson, Bruce H., Tynemouth, J. A. Harle, Newcastle-upon-Tyne, and D. E. Lambert, Harpenden, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Remote metering system. 1,996,677; Apr. 2.
- Leeson, Robert A., assignor to Universal Winding Company, Boston, Mass. Yarn winding mechanism. 2,009,014; July 23.
- Lefebvre, Maurice, Detroit, Mich. Multiple fuse plug. 2,006,837; July 2.
- Lefebvre, Victor, Hampstead, London, England. Manufacture of plasters. 1,986,001; Jan. 1.
- Lefebvre, Victor, London, England, assignor to Imperial Chemical Industries Limited. Manufacture of molded articles. 2,015,481; Sept. 24.
- Lefebvre, Albion J., Lowell, Mass. Combined regulator and indicator. 2,008,618; July 16.
- Le Febvre, Charles W., Chicago, Ill. Window sash and the like. 2,016,206; Oct. 1.
- Lefever, Charles F., assignor to Daisy Manufacturing Company, Plymouth, Mich. Gun sight. 2,002,324; May 21.
- Lefever, Charles F., assignor to Daisy Manufacturing Company, Plymouth, Mich. Toy gun. 2,006,741; July 2.
- Le Fevre, De Witt C., Beaver Falls, N. Y. Christmas tree ornament. 1,994,615; Mar. 19.
- Lefevre, Emil B. G., Detroit, Mich. Concealed door hinge. 2,008,256; July 16.
- Lefevre, Emil B. G., Detroit, Mich. Concealed door hinge. 2,008,257; July 16.
- Lefevre-Utile, Michel M. J., Paris, France. Container for the transportation of goods. 2,002,422; May 21.
- Lefel, James, and Company, The. (See Biggs, George A., assignor.)
- Leffert, Charles B., assignor to Geo. B. Carpenter & Co., Chicago, Ill. Portable lawn canopy. 2,022,211; Nov. 26.
- Leffingwell, Dwight A., Alliance, Ohio. Lifting jack. 1,986,273; Jan. 1.
- Le Film Ozaphane. (See Vanet, Paul, assignor.)
- Lefkowitz, Arthur, Jackson Heights, assignor to Beyerle Mfg. Co. Inc., Brooklyn, N. Y. Raincoat and making the same. 1,989,140; Jan. 29.
- Lefar, Jerome, assignor to The Master Electric Company, Dayton, Ohio. Balancing motor armatures. 2,011,495; Aug. 13.
- Lefar, Jerome, assignor, by mesne assignments, to The Master Electric Company, Dayton, Ohio. Wheel support for testing apparatus. 2,016,943; Oct. 8.
- Lefler, Melvin N. (See Lundelius, O. F., and Lefler.)
- Leinauer, Otto, Vienna, Austria. Extrusion press for the treatment of plastic materials. 1,997,525; Apr. 9.
- Lefort, Théodore E., assignor to Société Anonyme: Société Française de Catalyse Généralisée, Paris, France. Production of ethylene oxide. 1,998,878; Apr. 23.
- Le Frank, John D. (See Nordquist, R. E. J., and Le Frank.)
- Le Frank, John D., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Liquid filling. 1,998,462; Apr. 23.
- Legasse, Joseph A. (See Davis, Thomas E., assignor.)
- Legat, Robert C., New Britain, Conn., assignor of one-half to United-Carr Fastener Corporation, Cambridge, Mass., and one-half to G. E. Prentice Manufacturing Company, New Britain, Conn. Slider for multiple operated fastener installations. 1,995,642; Mar. 26.
- Legat, Robert C., assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. Key support. 2,002,858; May 28.
- Legat, Robert C., assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. End stop for slide actuated fasteners. 2,014,259; Sept. 10.
- Legerlotz, Helmut, Berlin-Friedenau, Germany, assignor to P. Beiersdorf & Co. Inc., New York, N. Y. Compounds of primula saponine. 1,987,743; Jan. 15.
- Legg, David A., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of butyl alcohol by fermentation. 2,023,368; Dec. 3.
- Legg, David A., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Yeast fermentation process. 2,026,237; Dec. 31.
- Legg, Victor E., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine communication conductor. 1,995,356; Mar. 26.
- Legg, Victor E., Maplewood, N. J., E. Peterson, New York, and L. R. Wrathall, Jackson Heights, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic material and treatment thereof. 1,998,840; Apr. 23.
- Leggat, Robert, and J. C. P. Leemhuis, Pretoria, Transvaal, South Africa. Core for hollow bodies of concrete and the like. 1,996,678; Apr. 2.
- Leggat, Robert, and J. C. P. Leemhuis, Pretoria, Transvaal, Union of South Africa. Concrete building and building panel. 2,014,576; Sept. 17.
- Legge, Alfred G., Brockton, Mass. Shoe form. 2,014,070; Sept. 10.

- Legge, Alfred G., Brockton, Mass. Shoe form. 2,018,406; Oct. 22.
- Legge, Alfred G., Brockton, Mass. Shoe form. 2,018,407; Oct. 22.
- Legge, Alfred G., Brockton, Mass. Adjustable shoe form. 2,018,408; Oct. 22.
- Leggett, Arthur. (See Hall, T. W., and Leggett.)
- Leggett, Guy O., Chicago, Ill. Coin slide. 2,020,148; Nov. 5.
- Leighorn, George M., Winchester, Mass. Crate. 2,003,717; June 4.
- Leg-O-Matic Company. (See Kovats, John, assignor.)
- LeGorre, Jean L. (See Lovekin, L. D., and LeGorre.)
- Le Gorre, Jean L., assignor to Pennsylvania Globe Company, Philadelphia, Pa. Connecting street light globes and their caps. 1,989,044; Jan. 22.
- LeGrand, Joseph M., Chicago, Ill. Refrigerating means. 2,022,048; Nov. 26.
- Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making multi-colored rubber articles. 1,989,702; Feb. 5.
- Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Decorated rubber article and making same. 1,989,703; Feb. 5.
- Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making decorative rubber articles and product thereof. 1,989,704; Feb. 5.
- Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Slitting apparatus. 1,994,137; Mar. 12.
- Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for making strip material. 1,998,814; Apr. 23.
- Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for making fibrous sheet material. 2,023,273; Dec. 3.
- Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Package and making the same. 2,026,282; Dec. 31.
- Legus, Paul, Minneapolis, Minn. Garment hanger. 2,025,114; Dec. 24.
- Lehde, Gladys et al. (See Hall, Cecil E., assignor.)
- Lehman, Charles, and O. E. Lehman, Philadelphia, Pa. Spark plug. 2,014,260; Sept. 10.
- Lehman Company, The. (See Kehman, William C., assignor.)
- Lehman, Harry B., and M. F. Arlas, Miami, Fla. Direct reading speed caliper. 2,011,226; Aug. 13.
- Lehman, Joseph, Cleveland Heights, assignor to The Consolidated Iron-Steel Mfg. Company, of 1932, Cleveland, Ohio. Boiler stand. 2,022,291; Nov. 26.
- Lehman, Laurence N., assignor to The National Cash Register Company, Dayton, Ohio. Overdraft control of ribbon mechanism. 1,987,015; Jan. 8.
- Lehman, Otto E. (See Lehman, Charles and O. E.)
- Lehman, Werner. (See Hayward, E. P., and Lehman.)
- Lehman, Werner, assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Earth moving apparatus. 2,023,480; Dec. 10.
- Lehman, William C., assignor to The Lehman Company of America, Inc., Cannelton, Ind. Desk. 2,019,455; Oct. 29.
- Lehmann, Erich, Bitterfeld, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Mono-N-alkanol derivative of aromatic diamines and poly-amines. 2,022,245; Nov. 26.
- Lehmann, Ernst A., Friedrichshafen, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Bodensee, Germany. Starting device for lighter-than-air aircraft. 2,024,587; Dec. 17.
- Lehmann, Gustav O., Berlin, Germany. Vaporizer. 2,020,364; Nov. 12.
- Lehmann, Max E., Park Ridge, Ill., assignor to The American Laundry Machinery Company, Norwood, Ohio. Safety guard for abrasive wheels. 2,011,108; Aug. 13.
- Lehmann, Willy, Eichwalde, near Berlin, Germany, assignor to Heinrich Kamper Motorenfabrik Aktiengesellschaft, Berlin, Marienfelde, Germany. Diesel engine. 2,000,903; May 14.
- Lehmkuhl, Henry W., Rochester, N. Y. Testing chlorine solutions. 1,986,403; Jan. 1.
- Lehmkuhl, Henry W., Rochester, N. Y. Washing apparatus. 2,006,085; June 25.
- Lehn, Charles J., Oak Park, Ill., assignor to Otis Elevator Company, New York, N. Y. Elevator car stool. 2,025,395; Dec. 24.
- Lehn & Fink, Inc. (See Klarmann, Emil, assignor.)
- Lehn, John U., et al. (See Huebener, M. A., Lehn, Graybill, Zahm, and Koch.)
- Lehner, Louis, Memphis, Tenn. Foldable rocking chair. 2,017,599; Oct. 15.
- Le Hodny, William, Buffalo, and W. J. Szyminski, Lake View, assignors to Standard Mirror Company, Inc., Buffalo, N. Y. Bracket for mirrors or the like. 1,991,363; Feb. 19.
- Lehon Company, The. (See Fry, Lloyd A., assignor.)
- Lehota, Paul R., Portland, Oreg. Weed and plant puller. 2,016,640; Oct. 8.
- Lehr, James M., Morristown, assignor to Driver-Harris Company, Harrison, N. J. Alloy. 2,019,687; Nov. 5.
- Lehr, Leslie K., and W. E. Burdick, assignors to The Startomatic Corporation, Los Angeles, Calif. Automatic starting mechanism. 2,004,063; June 4.
- Lehrer, Oscar J., and J. B. Blankenship, Norman, Okla. Camping trailer. 2,003,598; June 4.
- Lehrling, George, Ottawa, Ill. Glass lay roller. 2,013,614; Sept. 3.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finding coil antenna. 2,003,375; June 4.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Circuit connection for ultra short waves. 2,008,286; July 16.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmitter. 2,013,001; Sept. 3.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finder loop aerial. 2,014,852; Sept. 17.
- Leib, August, Berlin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finding apparatus. 2,017,908; Oct. 22.
- Leib, August, Berlin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finder. 2,017,909; Oct. 22.
- Leibe, Frank A. (See Green, E. I., and Leibe.)
- Leibe, Frank A., Quakertown, Pa., assignor to American Telephone and Telegraph Company. Unattended repeater system. 2,018,559; Oct. 29.
- Leibfarth, Reinhold, Metzingen-Württemberg, Germany. Paper bottle. 1,995,210; Mar. 19.
- Leibig, Edward C., assignor to Corning Glass Works, Corning, N. Y. Decorated glass article. 2,002,900; May 28.
- Leibing Automotive Devices, Inc. (See Leibing, William E., assignor.)
- Leibing, William E., Sausalito, Calif., assignor to Leibing Automotive Devices, Inc., San Francisco, Calif. Method and apparatus for producing fuel mixtures. 1,990,702; Feb. 12.
- Leich Electric Co. (See Leich, Oscar M., assignor.)
- Leich Electric Company. (See Reid, Alexander C., assignor.)
- Leich, Oscar M., assignor to Leich Electric Co., Geneva, Ill. Automatic intercommunicating telephone system. 2,009,405; July 30.
- Leichner, Howard J., Urbana, assignor of one-third to L. Filson, and two-thirds to K. L. Filson, Champaign, Ill. Bracelet catch. 2,012,471; Aug. 27.
- Leichsenring, Max, Jr., Chicago, Ill. Control means for driving and driven elements. 2,023,961; Dec. 10.
- Leicht, Eugene, and W. Kugel, Brooklyn, N. Y. Sash cord holding plug. 1,996,580; Apr. 2.
- Leichtbaustoff-Gesellschaft m. b. H. (See Adolph, G., and Pohl, assignors.)
- Leidel, William, New York, N. Y. Smoker's tool. 2,011,720; Aug. 20.
- Leigh, Alfred C., Birmingham, Ala., assignor to The Ingalls Iron Works Company. Coal barge. 2,021,629; Nov. 19.
- Leigh, Alfredo G., New York, N. Y., assignor to L. P. R. Company, Dover, Del. Airplane. 2,011,902; Aug. 20.
- Leigh Banana Case Company. (See Leigh, Carl G., assignor.)
- Leigh, Carl G., assignor to Leigh Banana Case Company, Chicago, Ill. Tomato lug. 2,012,451; Aug. 27.
- Leigh, Nathan J., Great Neck, assignor to Elson-Freeman Co., Inc., Long Island City, N. Y. Display device. 2,025,818; Dec. 31.
- Leighton, Albert, New York, N. Y. Combination shirt and invisible suspenders. 1,986,508; Jan. 1.
- Leighton, Edward G., Belmont, Mass. Bait holder. 2,010,598; Aug. 6.
- Leighton, Emma S. (See Hedlund, John E., assignor.)
- Leighton, John W., Port Huron, Mich. Steering gear connection for automotive vehicles. 1,994,582; Mar. 19.
- Leighton, John W., Port Huron, Mich. Individual wheel suspension for motor cars. 1,994,583; Mar. 19.
- Leighton, John W., Port Huron, Mich. Individual wheel support for motor vehicles. 2,000,180; May 7.
- Leighton, John W., Port Huron, Mich. Hinged joint. 2,002,781; May 28.
- Leighton, John W., Port Huron, Mich. End connection for vehicle springs. 2,012,883; Aug. 27.
- Leighton, John W., Port Huron, Mich. Individual front wheel suspension for motor vehicles. 2,017,316; Oct. 15.
- Leighton, John W., Port Huron, Mich. Drag link. 2,020,149; Nov. 5.
- Leiflich, Frank T., assignor, by mesne assignments, to William W. Varney, Baltimore, Md. Refrigerating means and accumulator and system of operating the same. 1,990,081; Feb. 5.
- Leindorf, Joseph P., Pelham Manor, N. Y. Foldable bird container. 1,990,191; Feb. 5.
- Leindorf, Joseph P., Pelham Manor, N. Y. Mounting for bird cage perches. 2,013,058; Sept. 3.
- Leinenweber, William H., Pittsburgh, Pa. Keyless locking switch. 2,023,894; Dec. 10.
- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Tap. 1,995,479; Mar. 26.
- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermostat control device. 1,999,731; Apr. 30.
- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermostat control device. 1,999,732; Apr. 30.

- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Bezel mounting. 2,005,792; June 25.
- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Safety pilot for gas burners and the like. 2,006,958; July 2.
- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Ignition device. 2,010,955; Aug. 13.
- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Igniter for gas burners. 2,015,405; Sept. 24.
- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Dispenser for beverages. 2,017,664; Oct. 15.
- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Metal spigot. 2,021,731; Nov. 19.
- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Igniter for gas burners. 2,025,351; Dec. 24.
- Leinweber, William H., Chicago, Ill. Propeller. 2,010,094; Aug. 6.
- Leishman, Le Roy J., Los Angeles, Calif. Television apparatus and method. 2,005,344; June 18.
- Leishman, Le Roy J., Los Angeles, Calif. Coloring light formed images. 2,010,307; Aug. 6.
- Leisten, Nicolas, and C. Senn, Detroit, Mich. Fuel feed apparatus for internal combustion engines. 1,991,021; Feb. 12.
- Leister, Julius, Berlin-Zehlendorf, assignor, by mesne assignments, to H. Bothe, Berlin, Germany. Apparatus for equalizing driving belts. 2,013,967; Sept. 10.
- Leiter, Harry H. (See Longtellow, Earl E., assignor.)
- Leiter, Harry H. (See Longtellow, E. E., and Leiter.)
- Leithäuser, Heinz, Essen-Ruhr, Germany, assignor to The Koppers Company of Delaware, Pittsburgh, Pa. Coke oven. 1,986,830; Jan. 8.
- Leitz, E. Inc. (See Morgan, Willard D., assignor.)
- Leitz, Ernest, Jr., assignor to Ernst Leitz, Optische Werke, G. m. b. H., Wetzlar, Germany. Combination distance meter and telescope range finder. 1,992,534; Feb. 26.
- Leitz, Ernst, Jr., assignor to Ernst Leitz, Optische Werke, G. m. b. H., Wetzlar, Germany. Concentrically adjustable objective diaphragm. 2,011,002; Aug. 13.
- Leitz, Ernst, Optische Werke G. m. b. H. (See Distell, Alfred, assignor.)
- Leitz, Ernst, Optische Werke G. m. b. H. (See Kubica, Wladyslaw, assignor.)
- Leitz, Ernst, Optische Werke, G. m. b. H. (See Leitz, Ernst, Jr., assignor.)
- Leitzell, Stewart E., McKeesport, Pa. Suction nozzle. 1,994,616; Mar. 19.
- Lejbowicz, Ferdinand J., Krolewska Huta, Poland. Locking device. 1,997,526; Apr. 9.
- Le Jeune, Frank H., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,002,292; May 21.
- Le Jeune, Frank H., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,019,145; Oct. 29.
- Lejeune, Leon S. M. (See Bongrand, J. E. C. and Lejeune.)
- Lejeune, Léon S. M., Wasquehal, and J. E. C. Bongrand, Paris, France. Facilitating the penetration of latex into textile fibers, threads, tissues, cords, and other textile materials. 2,019,420; Oct. 29.
- Lektophone Corporation. (See Plews, William J., assignor.)
- Lektophone Corporation. (See Rodman, Isaac P., assignor.)
- Leland Electric Company, The. (See Leland, George H., assignor.)
- Leland, George H., Dayton, Ohio. Method and apparatus for testing eyes. 1,986,002; Jan. 1.
- Leland, George H., assignor of one-half to The Leland Electric Company, Dayton, Ohio. Rod inserting machine. 1,993,483; Mar. 5.
- Leland, George H., assignor of one-half to The Leland Electric Company, Dayton, Ohio. Method and apparatus for forming articles from wire or the like. 1,993,484; Mar. 5.
- Leland, George H., assignor of one-half to The Leland Electric Company, Dayton, Ohio. Riveting machine. 2,005,261; June 18.
- Leland, George H., Dayton, Ohio, assignor of one-half to The Leland Electric Company. Oscillatory motor. 2,008,422; July 16.
- Leland, George H., assignor of one-half to The Leland Electric Company, Dayton, Ohio. Stator. 2,011,060; Aug. 13.
- Leland, George H., assignor to one-half to The Leland Electric Company, Dayton, Ohio. Mounting for motors and the like. 2,012,687; Aug. 27.
- Leland, George H., assignor of one-half to The Leland Electric Company, Dayton, Ohio. Mounting for motors and the like. 2,012,688; Aug. 27.
- Leland-Gifford Company. (See Abadjeff, Ivan V., assignor.)
- Leland-Gifford Company. (See Bishop, B. S. T., and Hirvonen, assignors.)
- Leland, Ragnvald G., New York, N. Y. Hair drier control. 1,998,198; Apr. 16.
- Leland, Ragnvald G., New York, N. Y. Finger hair wave pincer. 2,002,325; May 21.
- LeLaurin, Harry, and A. L. Fry, Washington, D. C. Device for cleaning and electroplating balls. 2,007,204; July 9.
- Leigemann, William, Newark, N. J. Treating hydrocarbon products. 2,015,529; Sept. 24.
- Lell, Jacob, Heidenheim-on-the-Brenz, Germany. Synchronous machine. 2,008,360; July 16.
- Lellep, Otto, Dusseldorf, Germany. Apparatus for burning materials. 1,992,705; Feb. 26.
- Lellep, Otto, Dessau, assignor to Lepol, Internationale Patentverwertungs-Gesellschaft m. b. H., Berlin, Germany, and N. V. "Solopol", Ingenieur-Bureau tot Exploitation van het System Polysius, Gravenhage, Netherlands. Process of, and apparatus for, treating cement and similar materials. 1,992,704; Feb. 26.
- Lellep, Otto, Dusseldorf, assignor to Lepol, Internationale Patentverwertungs-Gesellschaft m. b. H., Berlin, Germany, and N. V. "Solopol", Ingenieur-Bureau tot Exploitation van het System Polysius, s-Gravenhage, Netherlands. Apparatus for treating finely divided material. 1,994,718; Mar. 19.
- Lellep, Otto, New York, N. Y. Heat exchanger and clinker cooler. 2,024,934; Dec. 17.
- Lelong, Lucien, Inc. (See Stein, Joseph S., assignor.)
- Lemaigre, Pierre, St. Denis, France, assignor, by mesne assignments, to Milton Tibbetts, Detroit, Mich., trustee. Spring mounting. 1,990,410; Feb. 5.
- Lemaire, Auguste G., Courtrai, Belgium. Filter fabric. 2,016,786; Oct. 8.
- Lemaire, Maurice H., Paris, France. Apparatus for continuously cleaning railway ballast. 2,004,051; June 4.
- Lemaire, Maurice H., Ermont, France. Apparatus for the leveling of railways. 2,007,400; July 9.
- Leman, Arthur L., assignor to The National-Superior Company, Toledo, Ohio. Tubing head. 2,011,769; Aug. 20.
- Lembright, Walter E., West Los Angeles, and E. L. Pope, Alhambra, Calif. Messaging device. 2,017,284; Oct. 15.
- Lemieux, Frank J., Central Falls, R. I. Making spacers, rules, or the like. 2,007,301; July 9.
- Lemke, Hugo C., Reedsville, Wis. Fuel storage tank. 2,002,407; May 21.
- Lemme, Heinz. (See Pier, M., and Lemme.)
- Lemmer, Fritz. (See Fonrobert, Ewald, and Lemmer.)
- Lemmon, George N. (See Fairchild, Alexander H., assignor.)
- Lemmon, George N., Homewood, and H. H. Knowles, Birmingham, Ala. Electric switch. 2,006,866; July 2.
- Lemmon, George N., Homewood, assignor to Southern States Equipment Company, Birmingham, Ala. Electrical protective apparatus. 2,003,298; June 4.
- Lemmon, Reginald J. (See Ewan, T., and Lemmon.)
- Lemmon, Walter S., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Communication system. 2,000,765; May 7.
- Lemmon, Walter S., New York, N. Y., and C. J. Fitch, Jersey City, N. J., assignors to International Business Machines Corp., New York, N. Y. Communication system. 2,000,764; May 7.
- Lemmon, Walter S., assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,019,864; Nov. 5.
- Lemoine, Bruce O., assignor of one-half to A. B. Scott, Bath, Maine. Spark plug. 2,025,994; Dec. 31.
- Lemoine, Henri G., Par Perriers-sur-Andelle (Eure) France. Spraying apparatus for atomizing paint and other liquids. 2,014,942; Sept. 17.
- Lemon, Harvey B., Chicago, Ill. Package. 2,025,352; Dec. 24.
- Lemon, Joseph R., Detroit, Mich. Hydraulic steering system. 2,020,951; Nov. 12.
- Lemont, Clarence J., assignor to Line Material Company, South Milwaukee, Wis. Guy wire protector. 1,996,871; Apr. 9.
- LeMoon, Axel R., assignor to Nelson-LeMoon Truck Company, Chicago, Ill. Axle mounting. 2,002,152; May 21.
- Lemovne, Raymond A., Rochester, N. H. Baseball game. 2,003,207; May 28.
- Lempco Products Inc. (See Blazek, J. Y., and Anderson, assignors.)
- Lempco Products, Inc. (See Strand, James F., assignor.)
- Lempertz, Eberhard, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Bodensee, Germany. Airship. 1,990,993; Feb. 12.
- Lems, Hendrik, Eindhoven, Netherlands, assignor to General Electric Company. Glow discharge tube for emitting ultraviolet rays. 1,990,192; Feb. 5.
- Lems, Hendrik, Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge device. 2,004,578; June 11.
- Lenape Hydraulic Pressing & Forging Co. (See Moore, Charles H., assignor.)
- Lenben, Samuel, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of glyoxal. 1,988,455; Jan. 22.
- Lenehan, Bernard E. (See Bostwick, M. A., and Lenehan.)
- Lenehan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company. Non-self-starting clock-motor. 2,001,914; May 21.
- Lenehan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Backfiring indicator for mercury arc rectifiers. 2,020,952; Nov. 12.

- Leng, Christian F., New York, N. Y. Bottle valve. 1,997,527; Apr. 9.
- Leng, Leopold. (See Moser, W., and Leng.)
- Lengel, Albert L., Oakland, Calif. and E. G. Beveridge, Glen Ridge, N. J., assignors to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, permanent trustee. Preparing stereotype matrices for multi-color printing. 2,011,584; Aug. 20.
- Lengsfield Brothers, Inc. (See Lengsfield, Byron H., assignor.)
- Lengsfield, Byron H., assignor to Lengsfield Brothers, Inc., New Orleans, La. Receptacle. 2,021,559; Nov. 19.
- Lenhart, John, Los Angeles, Calif. Window cleaner. 2,021,069; Nov. 12.
- Lenhart, John C. (See Fraser, H. J., Owens, Jenckes, and Lenhart.)
- Lenher, Samuel, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Direct oxidation of olefine hydrocarbons. 1,995,991; Mar. 26.
- Lenher, Samuel, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing mono-olefines. 2,000,964; May 14.
- Lenher, Samuel, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Flotation process. 2,012,609; Aug. 27.
- Lenher, Samuel, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment process. 2,012,610; Aug. 27.
- Lenher, Samuel, and C. T. Mentzer, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stable emulsions. 2,006,557; July 2.
- Lenher, Samuel, and C. T. Mentzer, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing emulsions. 2,012,611; Aug. 27.
- Lenher, Samuel, and C. T. Mentzer, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing emulsions. 2,012,612; Aug. 27.
- Lenk, D. Allen. (See Van Fattensteiger, Walter, assignor.)
- Lenk, Wilhelm. (See Bochmann, O., and Lenk.)
- Lenk, Wilhelm, Remscheid-Lennep, assignor to Barmer Maschinenfabrik Aktiengesellschaft, Wuppertal-Oberbarmen, Germany. Double twist twisting spindle. 2,025,460; Dec. 24.
- Lenke, George H., Elmhurst, assignor of one-half to Julius J. Ohliss, Oak Park, Ill. Tiling and the like. 2,005,427; June 18.
- Lennon, Patrick T., Cleveland, Ohio. Tool grinding machine. 2,017,465; Oct. 15.
- Lennox, David A., assignor to Atlantic Steel Company, Atlanta, Ga. Edging roll for rolling mills. 2,020,652; Nov. 12.
- Lennox Furnace Company. (See Kinnan, Donald H., assignor.)
- Lennox Furnace Company. (See Norris, John W., assignor.)
- Lennox, Luther W. (See Mills, L. D., Crowe, and Lennox.)
- Lenox Incorporated. (See Brown, Leslie, assignor.)
- Lensch, Rudolph, and P. Leder, Los Angeles, Calif. Metal spraying device. 1,987,016; Jan. 8.
- Lent, Harold C., Hoopston, Ill. Electric swivel plug. 1,999,935; Apr. 30.
- Lentheric Incorporated. (See Canaday, Wilbur D., assignor.)
- Lentschewsky, Boris, Berlin, Germany. Tank roof. 2,006,505; July 2.
- Lentz, Clarence J. (See Bunce, E. H., Lentz, and Mahler.)
- Lentz, John R., Philadelphia, Pa. Hatrack. 2,017,252; Oct. 15.
- Lenz, Charles E., Jr., Baltimore, Md. Upholstery edging. 1,990,873; Feb. 12.
- Lenz, Franklyn E., Hayward, Calif. Dispensing device. 1,987,068; Jan. 8.
- Lenz, Otto A., Franklin, Minn. Electric water heater. 1,990,790; Feb. 12.
- Leo, Albert, Chicago, Ill. Slicing apparatus. 2,006,643; July 2.
- Leo, Albert, Chicago, Ill. Apparatus for and process of preparing a jelly product. 2,015,857; Oct. 1.
- Leo, Herbert T., Anaheim, Calif. Fruit press. 2,018,181; Oct. 22.
- Leo, Herbert T., Anaheim, Calif. Press and filter. 2,022,679; Dec. 3.
- Leo, Herbert T., C. C. Taylor, and F. A. Beck, Anaheim, Calif. Making pectous material and product. 2,022,470; Nov. 26.
- Leo, Herbert T., C. C. Taylor, and F. A. Beck, Anaheim, Calif. Pectous material and process of making the same. 2,022,471; Nov. 26.
- Leofanti, Gene, Dongan Hills, N. Y. Reproducing apparatus. 2,000,766; May 7.
- Leonard, Arthur G., Jr., Wilmington, assignor to Orenda Corporation, Chicago, Ill. Apparatus for making roofing. 1,995,632; Mar. 19.
- Leonard, Arthur G., Jr., Wilmington, assignor to Orenda Corporation, Chicago, Ill. Apparatus for making plywood. 2,010,308; Aug. 6.
- Leonard, Arthur N., Portland, Oreg. Smoking pipe cake remover. 2,021,150; Nov. 19.
- Leonard, Caswell L., Memphis, Tenn. Mop. 2,018,498; Oct. 22.
- Leonard, Charles H., Detroit, Mich. Repeating toy gun. 2,004,531; June 11.
- Leonard, David C. E., assignor to Jamison Cold Storage Door Company, Hagerstown, Md. Hinge for doors. 1,987,512; Jan. 8.
- Leonard Electric Manufacturing Company, The. (See Faile, Fred G., assignor.)
- Leonard, Frederick C., Cranston, R. I. Thermostatic control mechanisms. 2,019,144; Oct. 29.
- Leonard, James, Rochester, N. Y. Can filling machine. 2,016,378; Oct. 8.
- Leonard, James A., Bangor, Me. Sluiceway regulator. 2,009,234; July 23.
- Leonard, John C., Oakland, Calif. Piston ring. 1,999,466; Apr. 30.
- Leonard, John T., Evansville, Ind. Lubricating apparatus. 2,022,005; Nov. 26.
- Leonard, Joseph E., Berkeley, assignor to Hammer-Bray Company, Oakland, Calif. Combination range. 1,989,372; Jan. 29.
- Leonard, Matthew J., Detroit, Mich. Glass grinding machine. 2,010,922; Aug. 13.
- Leonard, Mayo E., Toledo, Ohio. Pants banger. 2,017,761; Oct. 15.
- Leonard, Roy E., Alhambra, Calif. Pumping power. 2,022,918; Dec. 3.
- Leonard, Samuel E., Jr., East Cleveland, Ohio. Rating and comparing quantities. 2,008,832; July 23.
- Leonard, Samuel E., Jr., East Cleveland, Ohio. Electrical discharge device. 2,025,461; Dec. 24.
- Leonard, Vincent W., Saugus, Mass., assignor to General Electric Company. Electric switch. 1,999,880; Apr. 30.
- Leonard, William, Laurel Hill, Long Island, assignor to G. Ramsey and F. J. Kent, New York, N. Y. Shingle guide. 1,989,141; Jan. 29.
- Leonard, William D. (See Dennison, F. E., and Leonard.)
- Leonard, William E., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Wire coating apparatus. 1,986,733; Jan. 1.
- Leone, Anthony D., Blairsville, Pa. Hamburger-steak mold. 2,021,794; Nov. 19.
- Leonhard, Arnold. (See Lorenzen, H., and Leonhard.)
- Leonhauser, Henry A., Baltimore, Md. Time-saving trolley base. 1,990,435; Feb. 5.
- Leoni, Philade, Jackson Heights, N. Y. Variable gear ratio transmission. 2,008,869; July 23.
- Leopard, William E., Jacksonville, Fla. Carpet stretcher. 2,015,227; Sept. 24.
- Leopold, Foreman N. (See Spachmann, E. A., and Leopold.)
- Leopold, Frederick, Jr. (See Nellen, A. H., and Leopold.)
- Leopold, George O. (See Fegley, T. J., and Leopold.)
- Leopold, Henry. (See Minsky, S. V., Foley and Leopold.)
- Leopold, Samuel N., Chicago, Ill. assignor to Morris Paper Mills, Morris, Ill. Knockdown box. 2,019,787; Nov. 5.
- Leopold, Samuel N., and H. K. Powell, assignors to Morris Paper Mills, Chicago, Ill. Collapsible container assembling method and jig. 2,009,505; July 30.
- Leopold, Samuel N., and H. K. Powell, assignors to Morris Paper Mills, Chicago, Ill. Set-up container. 2,014,901; Sept. 17.
- Leostic, Yves, Port Colborne, Ontario, Canada. Cheese-slicing machine. 1,997,800; Apr. 16.
- Lepek, Rudolf, Cologne, assignor to Humboldt-Deutz-motoren A. G., Cologne-Deutz, Germany, Regulating apparatus. 1,996,679; Apr. 2.
- Lepo, Enoch, Philadelphia, Pa. Bobbin control. 1,987,344; Jan. 8.
- Lepol Internationale Patentverwertungs, Gesellschaft m. b. H., et al. (See Lellep, Otto, assignor.)
- LePortin, Frederic W., Brooklyn, N. Y. Automatic carriage return mechanism for typewriters. 2,007,653; July 9.
- Leppla, Albert F., Rock Island, Ill. Car hatch structure. 2,011,816; Aug. 20.
- Leppo, Ralph E., Inkster, assignor of one-half to Stephen A. Griggs, Detroit, Mich. Trailer coupling. 2,012,103; Aug. 20.
- Le Pileur, Yves P. G., and A. L. Ricordel, assignors to Societe la Precision Moderne, Paris, France. Anti-aircraft fire control table. 1,997,303; Apr. 9.
- Lepsoe, Robert. (See Lee, F. E., Lepsoe and Chapman.)
- Leray, Joseph J., West Warwick, R. I. Amphibian airship. 1,986,064; Jan. 1.
- Lerch, Arthur L., Lockport, N. Y. Ball throwing and catching apparatus. 2,025,995; Dec. 31.
- Lerch, Gustav. (See Avery, H. T., and Lerch.)
- Lerch, Gustav. (See Friden, C. M. F., and Lerch.)
- Lerch, William B., assignor of one-half to J. S. Dewar, Bartlesville, Okla. Treatment of petroleum emulsions. 1,990,293; Feb. 5.
- Lerch, William G., Akron, and A. W. Stoner, Findlay, Ohio, said Lerch assignor of one-half of his entire right and said Stoner assignor of his entire right to Master Tire and Rubber Corporation, Akron, Ohio. Tire retread vulcanizer. 2,002,579; May 28.
- Lerch, William G., assignor to Master Tire and Rubber Corporation, Akron, Ohio. Bead laying mechanism. 2,016,865; Oct. 8.
- Le Rette, William P., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method and means for use in making shoes. 2,024,175; Dec. 17.
- Lerk, Felix Co., et al. (See Hacklander, Maximilian, assignor.)
- Lerma, Stephen, Brooklyn, N. Y. Fabric covered slide buckle. 1,995,713; Mar. 26.

- Le Roi Company. (See Eells, Paul W., assignor.)
- Le Rolland, Paul M., Nantes, France. Measuring the rigidity and fatigue of structures. 1,998,727; Apr. 23.
- Leroux, Andre, Ramioul, assignor to Franco-Belge d'Ougree, Ougree, Belgium. Manufacture of ammonium and alkali-metal formates. 1,995,211; Mar. 19.
- Leroy, Leon C. (See Newberry, Franklin D., assignor.)
- Le Roy, John B., Mullens, assignor of one-fourth to C. Jarrett and one-fourth to H. R. Caudill, Besoco, W. Va. Flask closure. 1,996,770; Apr. 9.
- Leroy, Louis, assignor to Forges et Ateliers de Constructions Electriques de Jeumont, Société Anonyme, Paris, France. Regulating vapor-electric discharge rectifier. 2,012,884; Aug. 27.
- Le Roy, Walter E., Cincinnati, Ohio, assignor to Union Special Machine Company, Chicago, Ill. Seam for sewed articles. 2,024,971; Dec. 17.
- Le Roy, Winfield E., San Diego, Calif. Electrical conductor heat detector. 1,994,222; Mar. 12.
- Lesage, Alfred, Schweinfurt, Germany. Flywheel magneto apparatus. 1,999,703; Apr. 30.
- Lesage, Alfred, Schweinfurt, Germany. Two-stroke explosion-motor. 2,007,575; July 9.
- "Les Carburateurs Défi." (See Perrier, Michel E., assignor.)
- Lesch, Rudolf, Fine Arts, Inc. (See Beck, Charles B., assignor.)
- Lescher, John J., assignor to B. Johnson, New York, N. Y. Commercial package. 2,026,477; Dec. 31.
- Lesh, Lawrence J. (See Hulse, H. H., Bellamy, Richardson, and Lesh.)
- Lesh, Laurence J., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Signaling apparatus. 2,022,049; Nov. 26.
- Leshner, Earl W. (See Olschner, Clarence E., assignor.)
- Leslie Company. (See Soderberg, Sten E. B., assignor.)
- Leslie, George W. D., Sydney, Australia, and R. B. W. Leslie, Launceston, Tasmania. Railway carriage axle box. 2,023,735; Dec. 10.
- Leslie, Gordon S. (See Leslie, Irvine B., assignor.)
- Leslie, Harold, assignor to Fibreboard Products Inc., San Francisco, Calif. Carton and liner for the same. 2,006,203; June 25.
- Leslie, Irvine B., assignor to G. S. Leslie, Newberry, S. C. Nut lock. 1,996,727; Apr. 2.
- Leslie, Irvine B., Newberry, S. C. License tag. 2,013,059; Sept. 3.
- Leslie, Reginald B. W. (See Leslie, George W. D., and R. B. W.)
- Lesmeister, Anthony B., Portland, Oreg. Ring, brooch pin, bracelet, and the like. 2,003,376; June 4.
- Lesoine, Russell H., Kingston, Pa. Fraud-preventing telephone system. 1,989,621; Jan. 29.
- Lessard, Gilbert M., assignor of one-half to Harry A. Badoff, Berkeley, Calif. Heat actuated and manually operated valve. 2,008,961; July 23.
- Lessard, Joseph H. E., Carmel, N. Y. Vanity case. 1,999,328; Apr. 30.
- Lesselbaum, Bessie and Felix, Brooklyn, N. Y. Sanitary belt. 1,997,883; Apr. 16.
- Lesselbaum, Felix. (See Lesselbaum, Bessie and F.)
- Lesser, Nathan, Moline, Ill., assignor to John Deere Tractor Company, Waterloo, Iowa. Tractor. 2,002,669; May 28.
- Lesser, Sydney H., assignor of one-half to D. Aronson, New York, N. Y. Window lock. 2,024,588; Dec. 17.
- Lessertisseux, Paul E. F., Paris, France. Obtaining three color films. 2,008,457; July 16.
- Lessing, Rudolf, R. H. Allen, and E. S. Gyngell, assignors to The Clean Coal Company Limited, London, England. Cleaning of carbonaceous material. 1,989,937; Feb. 5.
- Lessing, Rudolf, and R. H. Allen, London, assignors to The Clean Coal Company Limited, London, England. Separation of powdered or granular material, especially coal. 2,000,181; May 7.
- Lessler, Lew W. (See Bornmann, C., Lessler, and Heyer.)
- Lester, James J. (See Johnson, M. W., and Lester.)
- Lester, Llewellyn R. (See Whitby, E., Pedler, Selston and Lester.)
- Lester, Llewellyn R. (See Whitby, E., Pedler, Selston, Newman, and Lester.)
- Lester, Robert G., Chicago, Ill. Opera glass. 2,002,782; May 28.
- Lester, Warren A., Oakland, Calif. Flushing valve mechanism. 2,001,390; May 14.
- Lester, William M., Shaker Heights, Ohio. Apparatus for die casting. 1,989,812; Feb. 5.
- Lesti, Arnold, Los Angeles, Calif. Variable timbre or quality of tone musical instrument. 2,014,741; Sept. 17.
- Le Tourneau, Robert G., Stockton, Calif. Tractor derrick. 2,003,599; June 4.
- LeTourneau, Robert G., Stockton, Calif. Ditching plow. 2,018,138; Oct. 22.
- Letourneur, Jean, Versailles, France. Captive balloon. 1,988,562; Jan. 22.
- Letterman, William E., Seattle, Wash. Spark plug. 2,004,119; June 11.
- Letz Manufacturing Company, The. (See Holland-Letz, John, assignor.)
- Leuchs, Herman. (See Wolf, H., and Leuchs.)
- Leuchs, Hermann. (See Wolf, H., Leuchs, and Saenger.)
- Leupold, Volpel & Co. (See Stevens, John C., assignor.)
- Leupold, Walter, assignor of one-half to Zellstofffabrik Waldhof, Mannheim-Waldhof, Germany. Spray tube. 1,987,962; Jan. 15.
- Leuschner, William, Herkimer, N. Y. Piston for hydraulic brakes. 2,022,599; Nov. 26.
- Leustig, Benno B., Cleveland, Ohio. Self-sealing cap for collapsible containers. 2,015,602; Sept. 24.
- Leustig, Benno B., assignor to The Self Sealing Cap Company, Cleveland, Ohio. Collapsible container. 2,015,601; Sept. 24.
- Leuthesser, Fred W., Jr., assignor to Automatic Canning Devices, Inc., Chicago, Ill. Can sealing machine. 2,020,472; Nov. 12.
- Levagood, Edward. (See Lattore, L. G., and Levagood.)
- Le Valley, John, Painted Post, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve mechanism. 1,986,831; Jan. 8.
- Levan, John F. (See Holt, T. W., and Levan.)
- Levan, John F., Elkhart, Ind., assignor, by mesne assignments, to The Syracuse Trust Company, Syracuse, N. Y. Window sash and ventilator construction. 1,996,426; Apr. 2.
- Levan, John F., assignor to Excel Curtain Company, Elkhart, Ind. Window construction. 2,024,772; Dec. 17.
- Levane, Robert, Hampton, England. Apparatus for issuing gummed strip paper. 2,018,560; Oct. 22.
- Levell, Arthur. (See Welman, F. S., and Levell.)
- Levelt, Wilhelmus Henricus. (See Meijer, Frans M., assignor.)
- Levene, Albert H., Philadelphia, Pa. Spray. 1,989,013; Jan. 22.
- Levene, Albert H., and D. A. Carlson, assignors to Art Metal Construction Company, Jamestown, N. Y. Shelving construction. 1,996,518; Apr. 2.
- Levene, George, Norwood, Mass., assignor to Westinghouse X-Ray Company, Inc., Long Island City, N. Y. Phantoscope. 2,016,151; Oct. 1.
- Levenson, Abraham S. (See Koopetz, Nathan, assignor.)
- Levenson, Battie S., Miami, Fla. Transparent starting box. 1,989,204; Jan. 29.
- Levenson, Louis, Flushing, N. Y., and S. L. Berger, Newton Center, Mass. Undergarment. 2,009,990; July 30.
- Leventhal, Elias, Cleveland, Ohio. Waist construction for pants. 1,991,932; Feb. 19.
- Leventhal, Jacob F., assignor to Leventhal Patents, Inc., New York, N. Y. Adjustable optical system. 1,990,791; Feb. 12.
- Leventhal, Jacob F., New York, N. Y., assignor, by mesne assignments, to Leventhal Patents, Incorporated. Optical compensator. 2,004,120; June 11.
- Leventhal, Jacob F., assignor to Leventhal Patents, Inc., New York, N. Y. Motion picture apparatus. 2,013,350; Sept. 3.
- Leventhal, Jacob F., assignor to Leventhal Patents, Inc., New York, N. Y. Motion picture apparatus. 2,013,661; Sept. 10.
- Leventhal Patents, Incorporated. (See Leventhal, Jacob F., assignor.)
- Leveque, Bernard T., Wenham, Mass. Valve mechanism for internal combustion motors. 1,994,223; Mar. 12.
- Lever Bias Machine Corporation. (See Gardner, P., and Gerstein, assignors.)
- Lever Brothers Company. (See Andersen, Carl N., assignor.)
- Lever Brothers Company. (See Bodman, John W., assignor.)
- Lever Brothers Company Limited. (See Moore, C. W., and Ballantyne, assignors.)
- Levermore, Charles L., Rockville Centre, assignor to General Chemical Company, New York, N. Y. Preparation of phosphoric acids. 2,022,050; Nov. 26.
- Levert, Joseph et al. (See Sherman, William, assignor.)
- Le Vesconte, Harold J. (See Christensen, N. V., and Le Vesconte.)
- Le Vesconte, Harold J., assignor to Union Special Machine Company, Chicago, Ill. Fluid pump. 1,997,370; Apr. 9.
- Le Vesconte, Lester B., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Continuous carrier relaying. 2,004,955; June 18.
- Le Vesconte, Lester B., Irwin, and E. H. Klemmer, Wilkesburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Carrier current relaying. 2,005,148; June 18.
- Levesley, Alfred S., Saltcoats, and F. C. Randall, Ardrossan, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of benzyl cellulose. 2,019,539; Nov. 5.
- Levesque, Antoin, Spokane, Wash. Auxiliary headlight. 1,987,117; Jan. 8.
- Levet, Georges, Paris, assignor to Société Anonyme des Usines Chausson, Seine, France. Casing holding display matter for motor vehicles. 2,025,952; Dec. 31.
- Levey, Arthur V. (See DeVita, Marino R., assignor.)
- Levey, Harold A., New Orleans, La. Composite sheeting. 2,012,344; Aug. 27.
- Levi, Emanuel, et al. (See Marten, Otto, assignor.)
- Levi, Liccio, Brooklyn, N. Y. Battery terminal. 1,995,184; Mar. 19.
- Levi, Melvin H., Kew Gardens, N. Y. Food platter or dish. 2,008,619; July 16.
- Levin, Harold L., Nutley, N. H., assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Waterproof composition for flooring and the like. 1,991,755; Feb. 19.

- Levin, Harold L., Rutherford, N. J., assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Dispersion and making same. 1,997,868; Apr. 16.
- Levin, Harold L., Rutherford, N. J., assignor to The Patent and Licensing Corporation, Boston, Mass. Siding material. 2,013,351; Sept. 3.
- Levin, Harold L., Rutherford, N. J., assignor to The Patent and Licensing Corporation, Boston, Mass. Shingle element. 2,013,352; Sept. 3.
- Levin, Harry, Beacon, assignor to The Texas Company, New York, N. Y. Preparation of fluorescent and pour point reducing bodies from petroleum residue. 2,024,106; Dec. 10.
- Levin, Isaac H., Pittsburgh, Pa. Separating gaseous mixtures into their constituents. 1,996,519; Apr. 2.
- Levin, Jack J., Baltimore, Md. Toy. 1,994,481; Mar. 19.
- Levin, Joseph, Baltimore, Md. Rib-tip attachment for sewing machines. 2,025,598; Dec. 24.
- Levin, Michael, Buffalo, assignor of one-fourth to J. T. Basseches, New York, N. Y. Making rubber cellulose mixture and resulting product. 2,016,286; Oct. 8.
- Levin, Nathan, Trenton, N. J., assignor to H. Brinton Company, Philadelphia, Pa. Knitting machine with horizontal design wheels. 2,024,530; Dec. 17.
- Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Pit car loader. 1,997,588; Apr. 16.
- Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Material handling mechanism. 1,997,589; Apr. 16.
- Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Ohio. Material handling mechanism. 1,997,591; Apr. 16.
- Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling mechanism. 1,997,593; Apr. 16.
- Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling mechanism. 2,002,952; May 28.
- Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Illumination lamp. 2,016,722; Oct. 8.
- Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Conveying and loading mechanism. 2,017,005; Oct. 8.
- Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling mechanism. 2,021,453; Nov. 19.
- Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Safety device. 2,021,454; Nov. 19.
- Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Mining machine. 2,021,664; Nov. 19.
- Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Motor suspension. 2,023,481; Dec. 10.
- Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Motor suspension. 2,023,846; Dec. 10.
- Levin, Nils D., and E. G. Lewis, assignors to The Jeffrey Manufacturing Company, Columbus, Ohio. Material handling mechanism. 1,997,590; Apr. 16.
- Levin, Nils D., and E. G. Lewis, assignors to The Jeffrey Manufacturing Company, Columbus, Ohio. Loading machine control mechanism. 2,002,951; May 28.
- Levin, Nymen. (See Dowsett, H. M., Walker, and Levin.)
- Levine, Abraham, Elizabeth, N. J., assignor to Presto Lock Corporation, Brooklyn, N. Y. Luggage carrier. 2,023,962; Dec. 10.
- Levine, David H., New Haven, Conn. Treatment of composition and cementitious materials. 2,021,513; Nov. 19.
- Levine, David I. (See Steele, C. W., and Levine.)
- Levine, Harry, New York, N. Y. Duplex envelope. 2,021,795; Nov. 19.
- Levine, Harry, assignor to Hale-Nass Corporation, New York, N. Y. Display device. 2,021,070; Nov. 12.
- Levine, Harry D., Philadelphia, Pa. Container. 1,999,598; Apr. 30.
- Levine, Harry E., Springfield, assignor to Berkshire Upholstered Furniture Company, Chicopee, Mass. Furniture. 1,987,940; Jan. 15.
- Levine, Henry, Philadelphia, Pa. Box or carton. 2,005,345; June 18.
- Levine, I. Morris, assignor to Texas Pacific Coal & Oil Co., Fort Worth, Tex. Vapor phase cracking apparatus. 2,024,828; Dec. 17.
- Levine, Mac, Brooklyn, N. Y. Collapsible cot. 1,989,324; Jan. 29.
- Levine, Max, Brooklyn, N. Y. Pot support for kitchen sinks. 1,986,935; Jan. 8.
- Levinson, Arthur A., assignor of one-half to H. E. Allen, Chicago, and one-half to Albert G. McCaleb, Evanston, Ill. Condiment. 2,011,321; Aug. 13.
- Levites, Samuel, et al. (See Katz, Herman S., assignor.)
- Leviton, Isidor, assignor to Leviton Manufacturing Company, Brooklyn, N. Y. Electric outlet. 2,015,858; Oct. 1.
- Leviton Manufacturing Company. (See Figueira, Joseph, assignor.)
- Leviton Manufacturing Company. (See Leviton, Isidor, assignor.)
- Leviton Manufacturing Company. (See Slady, Frank W., assignor.)
- Leviton Manufacturing Company. (See Wallbillich, Anthony F., assignor.)
- Levitte, Pius L., Hatfield, Mass. Weighing and bagging machine. 2,016,443; Oct. 8.
- Levitt, Matthew J. (See Sparks, L. D., and Levitt.)
- Levitt, Percy B. (See Morgan, J. D., and Levitt.)
- Levkoff, Evelyn G., Rockaway Beach, N. Y. Display box. 1,988,280; Jan. 15.
- Levkoff, Evelyn G., Brooklyn, N. Y. Collapsible egg carton. 1,990,336; Feb. 5.
- Levoy, Antoine M. L., Paris, France. Motor car with trailer for camping. 2,001,619; May 14.
- Levring, Erik A. D. (See Ingvaldsen, J. F. I., and Levring.)
- Levy, A. Hoyt, Brooklyn, N. Y. Dustless dross receptacle. 1,989,142; Jan. 29.
- Levy, Cyril C., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. System for the precipitation of solid particles from gases. 2,010,599; Aug. 6.
- Levy, Cyril C., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Precipitator. 2,010,600; Aug. 6.
- Levy, Harry A., St. Paul, assignor to Northbilt Manufacturing Co., Minneapolis, Minn. Helmet. 1,991,055; Feb. 12.
- Levy, Henry C., New York, N. Y. Headlight. 2,006,899; July 2.
- Levy, Joseph, Brooklyn, N. Y. Slide fastener. 2,017,698; Oct. 15.
- Levy, Lawrence T., Cleveland, Ohio. Rotary lamp shade. 2,008,791; July 23.
- Levy, Lester L., Brooklyn, N. Y. Shoe size measuring device. 2,005,428; June 18.
- Levy, Louis A., et al. (See Woodroffe, Harvey, assignor.)
- Levy, M. S., & Sons, Inc. (See Duerr, John F., assignor.)
- Levy, Milton C., Chicago, Ill. Lamp shade holder. 2,025,819; Dec. 31.
- Levy, René L., Montrouge, assignor to Societe d'Inventions Aeronautiques et Mechaniques S. I. A. M., Fribourg, Switzerland. Retractable landing gear for aeroplanes. 2,001,620; May 14.
- Levy, Rudolf. (See Lebedenko, N., Levy, and Zeltlin.)
- Levy, Stanley I., Kingston Hill, England. Treatment of iron pyrites for recovery of sulphur and formation of iron oxide. 2,002,860; May 28.
- Levy, Stanley I., Surrey, and G. W. Gray, London, England. Production of ferric compounds. 2,002,859; May 28.
- Lewbel, Saul, Woodhaven, N. Y. Watch. 1,991,284; Feb. 12.
- Lewellen, Albert R., assignor to General Motors Corporation, Detroit, Mich. Automobile ignition lock. 1,997,465; Apr. 9.
- Lewellen, Darcy E., and E. F. Lewellen, Columbus, Ind. Belt splicer. 2,007,401; July 9.
- Lewellen, Darcy E., and E. F. Lewellen, Columbus, Ind. Variable speed transmission device. 2,024,460; Dec. 17.
- Lewellen, Emmons F. (See Lewellen, Darcy E., and E. F.)
- Lewers, George R., Elizabeth, N. J., assignor, by mesne assignments, to Nichols Engineering and Research Corporation, New York, N. Y. Treatment of mineral absorbent material. 2,024,589; Dec. 17.
- Lewers, William W., Flint, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polishing composition. 1,986,936; Jan. 8.
- Lewin, Alfred, Berlin-Charlottenburg, Germany. Adjustable dummy bust. 1,999,103; Apr. 23.
- Lewin, Irving, and C. W. Geier, Hazleton, Pa., assignors to Duplan Silk Corporation, New York, N. Y. Adjusting device for looms and controlling the beating-up operation. 2,002,953; May 28.
- Lewis Air Conditioners, Inc. (See Lewis, Carroll E., assignor.)
- Lewis, Alvin, New York, N. Y. Embossing press. 2,013,060; Sept. 3.
- Lewis, Alvin, New York, N. Y. Embossing apparatus. 2,025,518; Dec. 24.
- Lewis, Arthur A., Newark, N. J. Receptacle. 1,991,022; Feb. 12.
- Lewis, Arthur P., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Nozzle. 1,992,490; Feb. 26.
- Lewis, Benjamin F., Brooklyn, and J. L. Merrill, Jr., Jackson Heights, N. Y., assignors to American Telephone and Telegraph Company. Telephone repeater. 1,997,222; Apr. 9.
- Lewis, Bennett, and H. F. Howard, Indianapolis, Ind., assignors to Martin-Parry Corporation, York, Pa. Windshield. 2,025,599; Dec. 24.
- Lewis, Carroll E., St. Paul, assignor to Lewis Air Conditioners, Inc., Minneapolis, Minn. Humidity regulator. 1,995,430; Mar. 26.
- Lewis, Charles E., Truro, Nova Scotia, Canada. Headwear. 1,988,248; Jan. 15.
- Lewis, Charles E., Truro, Nova Scotia, Canada. Headwear. 2,013,245; Sept. 3.
- Lewis, Charles H. (See Urbain, Oliver M., assignor.)
- Lewis, Charles H. (See Urbain, O. M., and Stemen, assignors.)
- Lewis, Claude Le R., assignor of one-half to G. W. Street, Omaha, Nebr. Cream and milk purifier. 2,012,196; Aug. 20.
- Lewis Differential Company. (See Tatter, John W., assignor.)

- Lewis, Edward G. (See Levin, N. D. and Lewis.)
- Lewis, Edward G., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling mechanism. 1,997,592; Apr. 16.
- Lewis, Edward H., Bridgeport, Conn., assignor to General Electric Company. Lamp cord. 1,989,483; Jan. 29.
- Lewis, Edward H., Bridgeport, Conn., and B. W. Luttenberger, Manheim, Pa., said Luttenberger assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Applying a fibrous coating to a filament or wire. 1,990,337; Feb. 5.
- Lewis, Elwood C., Philadelphia, Pa. Dispensing device. 1,987,689; Jan. 15.
- Lewis, Eric C., Coventry, England. Piston rod connection. 1,995,570; Mar. 26.
- Lewis, Fielding H., Towson, Md. Lighter for cigarettes and the like. 2,010,675; Aug. 6.
- Lewis Foundry & Machine Company. (See Beatty, Floyd A., assignor.)
- Lewis, Frank E., Chicago, Ill., assignor to Westinghouse Electric & Manufacturing Company. Signal system for elevators. 2,008,397; July 16.
- Lewis, Frank E., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Elevator control and signaling system. 2,005,899; June 25.
- Lewis, Frank E., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Elevator dispatching system. 2,015,564; Sept. 24.
- Lewis, Frank H. (See Hanson, F. A., and Lewis.)
- Lewis, George I., Cincinnati, Ohio. Warning device. 1,996,010; Mar. 26.
- Lewis, George S., Evanston, assignor to Battery Patents Corporation, Chicago, Ill. Bicycle frame. 1,998,994; Apr. 23.
- Lewis, George W. (See Adsit, C. G., and Lewis.)
- Lewis, Georgia B. (See Fiske, A. H., Colby, and Lewis.)
- Lewis, Gomer R., et al. (See Hosking, George T., assignor.)
- Lewis, Goodrich Q., Wheaton, assignor to W. M. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,010,095; Aug. 6.
- Lewis, Harold A. (See Babbitt, H. K. and Lewis.)
- Lewis, Harold A., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Detonator. 1,991,857; Feb. 19.
- Lewis, Harold A., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Low density dynamite composition. 1,992,224; Feb. 26.
- Lewis, Harold M., Douglaston, N. Y., assignor to Hazeltine Corporation. Tuning scale. 1,987,857; Jan. 15.
- Lewis, Harold M., Douglaston, N. Y., assignor to Hazeltine Corporation. Short wave receiver arrangement. 2,000,084; May 7.
- Lewis, Harold M., Douglaston, N. Y., assignor to Hazeltine Corporation. Short wave converter. 2,001,277; May 14.
- Lewis, Harold M., Douglaston, N. Y., assignor to Hazeltine Corporation. Short wave receiver. 2,021,692; Nov. 19.
- Lewis, Harold M., Bradley Beach, N. J., assignor to Radio Corporation of America, New York, N. Y. Pretuned radioreceiver and producing same. 2,001,146; May 14.
- Lewis, Harold R., assignor to Sprague-Sells Corporation, Hoopeston, Ill. Washing, grading, and otherwise treating granular material. 1,996,022; Mar. 26.
- Lewis, Harold R., Hoopeston, Ill. Canning corn. 2,000,892; May 7.
- Lewis, Harry I., and F. W. Seybold, Dayton, assignors to Harris Seybold Potter Company, Cleveland, Ohio. Hollow drill sharpener. 2,005,827; June 25.
- Lewis, Henry B., administrator. (See McLaughlin, Wilson L. and H. L., and Ballou.)
- Lewis, Howard B. (See Bruns, B., and Lewis.)
- Lewis, Howard E., Irvington, N. J. Fishing reel. 2,010,522; Aug. 6.
- Lewis, Howard S., Stony Creek Mills, and M. L. Fox, Wyomissing, assignors to Parish Pressed Steel Company, Reading, Pa. Cable reel. 2,010,821; Aug. 13.
- Lewis Invisible Stitch Machine Company. (See Gruman, Horace F., assignor.)
- Lewis Invisible Stitch Machine Company. (See Mueller, Charles W., assignor.)
- Lewis Invisible Stitch Machine Company. (See Moulton, Harley C., assignor.)
- Lewis Invisible Stitch Machine Company. (See Mueller, Charles W., assignor.)
- Lewis Invisible Stitch Machine Company. (See Tate, Samuel G., assignor.)
- Lewis, James R., Brayton, Iowa. Emergency rail jointing unit. 1,991,105; Feb. 12.
- Lewis, James W., assignor to Martin Wagon Company, Lufkin, Tex. Double axle trailer. 1,986,832; Jan. 8.
- Lewis, John C. (See Thomas, F. W., and Lewis.)
- Lewis, Lawrence W., Beverly Hills, Calif. Drying hygroscopic material and the product thereof. 2,018,797; Oct. 29.
- Lewis, Lloyd V., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,986,679; Jan. 1.
- Lewis, Loran L., et al. (See Eeckemeyer, John F., F. W., and G. A., assignors.)
- Lewis, Miles J., Long Beach, Calif. Well bore deflecting tool. 2,016,042; Oct. 1.
- Lewis, Morgan J., Philadelphia, Pa. Telephone answering and amusement device. 1,991,163; Feb. 12.
- Lewis, Morgan J., Philadelphia, assignor to Code Electric Products Corporation, York, Pa. Cartridge fuse holder and ejector. 2,009,235; July 23.
- Lewis, Oscar W., and J. Durst, Los Angeles, Calif., assignors, by mesne assignments, to Van Cleef Bros., Chicago, Ill. Cutting sheet material. 1,994,776; Mar. 19.
- Lewis, Otto L. (See Cole, C. B., and Lewis.)
- Lewis, Paul F. (See Mathey, C. A., and Lewis.)
- Lewis, Paul M., and F. Landgraf, Denver, Colo., assignors to Lewis-American Airways, Inc. Aircraft. 2,018,730; Oct. 29.
- Lewis, Robert B., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Stress-strain control for recording instruments. 2,019,313; Oct. 29.
- Lewis, Robert E. (See Mirfield, G. E., Lewis, Firth, and Neale.)
- Lewis, Robert H., assignor to Firestone Battery Company, Akron, Ohio. Receptacle handle. 1,992,378; Feb. 26.
- Lewis, Robert H., assignor to Firestone Battery Company, Akron, Ohio. Storage battery box. 2,019,823; Nov. 5.
- Lewis, Robert P. (See Padgett, J. E., and Lewis.)
- Lewis, Samuel, Woodmere, N. Y. Article and non-slip supporting means therefor and producing and assembling the same. 2,018,271; Oct. 22.
- Lewis-Shepard Company. (See Hennessy, Daniel E., assignor.)
- Lewis-Shepard Company. (See Warshaw, Nathaniel, assignor.)
- Lewis, Tom Bennett. (See Baguley, N. G., Topham, and Lewis.)
- Lewis, Theodore D., Kansas City, Mo. Thread cutter and ripping device. 2,026,050; Dec. 31.
- Lewis, Thomas N., St. Louis, Mo. Safe protector. 1,997,113; Apr. 9.
- Lewis, Warren D., Montclair, N. J. Damper regulator. 2,022,511; Nov. 26.
- Lewis, Warren K., Newton, Mass., and B. Mead, Baytown, Tex., assignor to Standard Oil Development Company. Hydrocarbon oils and making the same. 1,996,075; Apr. 2.
- Lewis, William, Utica, N. Y. Spring mattress. 1,991,106; Feb. 12.
- Lewis, William A. (See Evans, R. D., and Lewis.)
- Lewis, William A. (See Languth, P. O., and Lewis.)
- Lewis, William A., Jr., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Phase sequence apparatus. 2,000,767; May 7.
- Lewis, William A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Out-of-step protection. 2,005,149; June 18.
- Lewis, William A. Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Continuous carrier relaying. 2,005,150; June 18.
- Lewis, William L., Los Angeles, Calif. Aircraft. 2,003,206; May 28.
- Lewis, William Y., London, England. Heat transfer device. 2,008,076; July 16.
- Lewis-American Airways, Inc. (See Lewis, P. M., and Landgraf, assignors.)
- Lewton, Lucy O., Portchester, N. Y. Tobacco product. 2,003,690; June 4.
- Lewyt, Arthur, New York, N. Y. Moving sign. 2,016,748; Oct. 8.
- Ley, Clement C., Wilmette, and E. W. Porch, Kenilworth, Ill. Cable joint. 2,014,853; Sept. 14.
- Ley, Eleanor L. (See Novy, Elmer, assignor.)
- Leydens, Pieter. (See Van Liempt, J. A. M., and Leydens.)
- Leyendecker, Joseph A. (See Burdorf, R. H., Hendren Leyland Motors Limited. (See Garrett, Francis A., assignor.)
- Leyland, Thomas Machinery Co. (See Walsh, Frederick T., assignor.)
- Leyner, George A., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 1,991,762; Feb. 19.
- Leyner, George A., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 1,992,379; Feb. 26.
- Leyser, Arthur, Magdeburg, assignor to firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Distillation of zinc and similar metals. 2,000,140; May 7.
- Leyser, Arthur, Magdeburg, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg, Buckau, Germany. Apparatus for the fractional condensation of metal vapors in a condenser rotating about a horizontal axis. 2,021,365; Nov. 19.
- L'Hollier, Leslie H. (See Diller, A. L., and L'Hollier.)
- L'Hollier, Leslie H., Waltham, assignor to Hood Rubber Company, Inc., Watertown, Mass. Making molded rubber articles. 1,986,637; Jan. 1.
- L'Hollier, Leslie H., Waltham, assignor to Hood Rubber Company, Inc., Watertown, Mass. Making ornamented rubber articles. 2,002,375; May 21.
- L'Hollier, Leslie H., Waltham, assignor to Hood Rubber Company, Inc., Watertown, Mass. Rubber footwear. 2,023,274; Dec. 3.
- Lhommedieu, Delbert E., Colo, Iowa. Sirup tank for an automatic bee-comb filler. 1,996,427; Apr. 2.
- Libberton, Herbert, assignor to The Soundex Corporation, Chicago, Ill. Making insulating slabs. 1,990,554; Feb. 12.
- Libbey, Frederick I., Bronxville, assignor to Automatic Brake Corporation, New York, N. Y. Brake controlling mechanism. 1,991,858; Feb. 19.

- Libbey Glass Manufacturing Company, The. (See Kadow, August, assignor.)
- Libbey Glass Manufacturing Company, The. (See Kadow, A., and Van Ness, assignors.)
- Libbey Glass Manufacturing Company, The. (See Schutz, Harold R., assignor.)
- Libbey-Owens-Ford Glass Company. (See Brown, Wilbur F., assignor.)
- Libbey-Owens-Ford Glass Company. (See Case, B. C., and Schafer, assignors.)
- Libbey-Owens-Ford Glass Company. (See Crowley, Joseph P., assignor.)
- Libbey-Owens-Ford Glass Company. (See Crowley, J. P., and Mambourg, assignors.)
- Libbey-Owens-Ford Glass Company. (See Drake, John L., assignor.)
- Libbey-Owens-Ford Glass Company. (See Gipe, J. C., and Crowley, assignors.)
- Libbey-Owens-Ford Glass Company. (See Goodwillie, David H., assignor.)
- Libbey-Owens-Ford Glass Company. (See Goodwillie, D. H., and Walters, assignors.)
- Libbey-Owens-Ford Glass Company. (See Hess, Charles E., assignor.)
- Libbey-Owens-Ford Glass Company. (See Hohmann, Frederick R., assignor.)
- Lieb, John M. (See Jackson, R. B., and Lieb.)
- Libbey-Owens-Ford Glass Company. (See Louviaux, Raoul J., assignor.)
- Libbey-Owens-Ford Glass Company. (See Mambourg, Luke C., assignor.)
- Libbey-Owens-Ford Glass Company. (See Miller, Harvey C., assignor.)
- Libbey-Owens-Ford Glass Company. (See Randall, James W. H., assignor.)
- Libbey-Owens-Ford Glass Company. (See Robertson, William J., assignor.)
- Libbey-Owens-Ford Glass Company. (See Rosin, Edwin A., assignor.)
- Libbey-Owens-Ford Glass Company. (See Rosin, Edwin A., and Stebbins, assignors.)
- Libbey-Owens-Ford Glass Company. (See Ryan, Joseph D., assignor.)
- Libbey-Owens-Ford Glass Company. (See Schafer, Conrad B., assignor.)
- Libbey-Owens-Ford Glass Company. (See Walters, Emmett L., assignor.)
- Libbey-Owens-Ford Glass Company. (See Watkins, George B., assignor.)
- Libbey-Owens-Ford Glass Company. (See White, Gerald, assignor.)
- Libbey-Owens-Ford Glass Company. (See Wildermuth, William, assignor.)
- Libbey, Walter J., Kirkwood, and L. G. Bousquet, Webster Groves, Mo. Process and apparatus for filters. 1,993,175; Mar. 5.
- Libby, Edwin F. (See Lacy, P. B., Libby, and Metz.)
- Libby, McNeill & Libby. (See Knowles, John T., assignor.)
- Libby, McNeill & Libby. (See Near, H. B., Pacini, Crosley, Gerth, Breidigam and Kelly, assignors.)
- Liben, Olga. (See Shapiro, Samuel, assignor.)
- Lieberman, Joseph, et al. (See Camp, Frank W., assignor.)
- Liherson, Frank, Brooklyn, N. Y. Pulse actuated switch. 2,017,006; Oct. 8.
- Liberty Share Corporation. (See Morgan, Porter S., assignor.)
- Libo, Siegfried, Milwaukee, Wis. Multiple tube tire and indicator. 2,017,214; Oct. 15.
- Librett, Chester. (See Warager, Leonard C., assignor.)
- Licht, Arthur, Fulton, S. Dak. Lawn mower sharpener. 1,999,635; Apr. 30.
- Lichtenberg, Erich H., assignor to Koehring Company, Milwaukee, Wis. Batchmeter construction for concrete truck mixers. 1,996,208; Apr. 2.
- Lichtenberg, Erich H., assignor to Koehring Company, Milwaukee, Wis. Vibrator. 1,996,209; Apr. 2.
- Lichtenberg, Erich H., assignor to Koehring Company, Milwaukee, Wis. Fluid dispensing apparatus. 2,003,153; May 28.
- Lichtenstein, Ellis, Woodmere, N. Y. Toilet seat cover. 2,000,566; May 7.
- Lichtenstein, Joseph, Brooklyn, assignor to Foster Wheeler Corporation, New York, N. Y. Centrifugal pump and the like. 2,005,429; June 18.
- Lichtenstein, Valentine, assignor to The Fish Net and Twine Co., Jersey City, N. J. Reinforced tennis net and making the same. 2,004,579; June 11.
- Lichtman, Louis, assignor to Harry Katz, New York, N. Y. Spinning ring. 2,012,395; Aug. 27.
- Lichty, A. M., et al. (See Anglemeyer, Herman B., assignor.)
- Lichty, Warren C., Wayne, Mich. Differential dual wheel. 1,994,719; Mar. 19.
- Liddell, Robert P. F., Morris Township, Morris County, assignor to Motor Improvements, Inc., Newark, N. J. Filter. 1,994,656; Mar. 19.
- Liddick, Harold S., Belmont, assignor to Davidson Rubber Company, Boston, Mass. Bottle attachment and making the same. 1,989,060; Jan. 22.
- Liddle, Ewart J., Wyandotte, Mich. Engine. 1,990,703; Feb. 12.
- Liebchen, Otto. (See Rless, K., and Liebchen.)
- Liebchen, Otto. (See Rless, K., Liebchen, and Schultze.)
- Liebenberg, Arthur J., assignor to The Warner Elevator Manufacturing Company, Cincinnati, Ohio. Elevator leveling control. 2,019,917; Nov. 5.
- Liebenberg, Arthur J., assignor to The Warner Elevator Company, Cincinnati, Ohio. Power operated elevator door. 2,019,456; Oct. 29.
- Liebegott, George H., Duncansville, Pa. Seating abutment for container carriers. 2,017,414; Oct. 15.
- Liebensperger, Charles L., assignor to The Columbus Cleaning Machinery Company, Columbus, Ohio. Apparatus for ejecting fluids under pressure. 2,019,918; Nov. 5.
- Lieberherr, Arthur, Winterthur, assignor to firm Belzer Frères Société Anonyme, Winterthur, Switzerland. Steam generator of the water tube type. 2,022,728; Dec. 3.
- Lieberknecht, Karl R., Oberlungwitz, Germany. Knocking over device for flat hosiery machines. 1,999,908; Apr. 30.
- Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Kalio, Inc., New York, N. Y. Narrowing mechanism for flat knitting machines. 1,987,690; Jan. 15.
- Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Kalio, Inc., New York, N. Y. Forming a starting course in knitted fabric. 1,992,225; Feb. 26.
- Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Kalio Inc., New York, N. Y. Automatic draw-off roller mechanism for full fashioned knitting machines. 1,998,511; Apr. 23.
- Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Kalio Inc., New York, N. Y. Knitted fabric. 2,005,093; June 18.
- Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Kalio Inc., New York, N. Y. Knitted fabric and knitting the same. 2,006,465; July 2.
- Lieberman, Harry L., Chicago, Ill. Spring. 2,010,676; Aug. 6.
- Lieberman, Joe, South Bend, Ind. Sole pressing member for shoe presses. 2,024,696; Dec. 17.
- Lieberman, Joseph A., Philadelphia, Pa. Garment construction. 2,023,963; Dec. 10.
- Lieberum, George W., Stratford, Conn., assignor to General Electric Company. Attachment plug cap. 1,995,151; Mar. 19.
- Liebeskind, Bernhard, Berlin-Zehlendorf, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Pack of photographic plates. 2,002,035; May 21.
- Liebetrau, Elmore, J. H., Black Earth, Wis. Mower guard cross bar. 2,017,466; Oct. 15.
- Liebhadt, Frederick C., San Marino, Calif. Coupling. 2,023,428; Dec. 10.
- Liebold, Franz. (See von Oberstadt, Bopp, assignor.)
- Lieber, Theodore H., assignor of one-third to W. C. Campbell, and one-third to J. D. Clark, Butler, Pa. Windshield heater. 2,023,600; Dec. 10.
- Liebowitz, Benjamin, assignor to Trubenizing Process Corporation, New York, N. Y. Apparel. 2,020,070; Nov. 5.
- Liedle, Wilhelm, Cannstatt, Germany, assignor by mesne assignments, to Detroit Gasket & Mfg. Co., Detroit, Mich. Packing means. 2,017,007; Oct. 8.
- Liehr, Werner, Poggenhagen, near Neustadt am Rubenberge, and E. Dyckerhoff, Schloss Blumenau, near Wunstorf, Germany, said Liehr assignor to said Dyckerhoff. Preparing a peat-containing fertilizer. 2,019,824; Nov. 5.
- Lienhardt, Winfield S. (See Madsen, O. A., and Lienhardt.)
- Lier, Heinrich, assignor to the firm of Chemical Works formerly Sandoz, Basel, Switzerland. Preparation of wetting agents for use in mercerizing lyes. 1,998,550; Apr. 23.
- Lier, Heinrich, assignor to the firm Chemical Works formerly Sandoz, Basel, Switzerland. Increasing the wetting-out power of alkaline lyes. 2,008,458; July 16.
- Lier, Heinrich, assignor to Chemical Works formerly Sandoz, Basel, Switzerland. Increasing the wetting-out power of alkaline lyes. 2,008,459; July 16.
- Lier, Robert P., assignor of two-thirds to R. Burn and A. McIntosh, Mitchell, S. Dak. Attachment for listers, etc. 2,020,841; Nov. 12.
- Lierg, Friedrich, Dresden, Germany. Chemically transforming photographic images. 2,013,159; Sept. 3.
- Liessenberg, Heinrich, New York, assignor to Combustion Engineering Company, Inc., New York, N. Y. Boiler. 2,016,787; Oct. 8.
- Lifshitz, Sol, assignor of one-half to I. M. Hertz, Detroit, Mich. Stamping machine. 2,006,204; June 25.
- Liggieri, Frank, Paterson, N. J. Sharpening device. 2,000,141; May 7.
- Light, Albert T., assignor to York Ice Machinery Corporation, York, Pa. Making ribbed tubing. 1,993,065; Mar. 5.
- Light, Albert T., assignor to York Ice Machinery Corporation, York, Pa. Making one-piece ribbed tubing. 1,993,066; Mar. 5.
- Light, Eber W., Charleston, W. Va., assignor to Sanford Investment Corporation, Knoxville, Tenn. Railway car. 1,989,705; Feb. 5.
- Light, Eber W., Charleston, W. Va., assignor to Sanford Investment Corporation, Knoxville, Tenn. Mine car. 1,992,919; Feb. 26.
- Light, Ralph A., Cynwyd, and J. W. Price, Jr., assignors to The United States Metallic Packing Company, Philadelphia, Pa. Valve construction. 1,993,891; Mar. 12.

- Light, Ralph A., Cynwyd, and J. W. Price, Jr., Philadelphia, assignors to The United States Metallic Packing Company, Philadelphia, Pa. Piston packing. 2,015,019; Sept. 17.
- Light, Ralph A., Cynwyd, and J. W. Price, Jr., assignors to The United States Metallic Packing Company, Philadelphia, Pa. Operative mechanism for locomotive cylinder cocks. 2,023,601; Dec. 10.
- Lightfoot, Edwin N., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric heater and making the same. 1,993,410; Mar. 5.
- Lignes Telegraphiques et Telephoniques. (See Viard, Georges, assignor.)
- Ligon, Arthur L., Fort Stockton, Tex. Windmill guide device. 1,988,626; Jan. 22.
- Likens, Orville L. (See Loop, A. I., and Likens.)
- Liles Motor Corporation. (See Liles, Thomas O., assignor.)
- Liles, Thomas O., assignor to Lilesmotor Corporation, Dallas, Tex. Mechanical movement. 1,985,901; Jan. 1.
- Lilienfeld, Julius E., Winchester, Mass. Asymmetric condenser and operating the same. 2,001,790; May 21.
- Lilienfeld, Julius E., Winchester, Mass., assignor to Ergon Research Laboratories, Inc. Electrolytic condenser and electrolyte therefor. 1,986,779; Jan. 1.
- Lilienfeld, Julius E., Winchester, Mass., assignor to Ergon Research Laboratories, Inc. Condenser and constructing the same. 1,989,622; Jan. 29.
- Lilienfeld, Julius E., Winchester, Mass., assignor to Ergon Research Laboratories, Inc. System of operating alternating current electrolytic condensers. 1,989,623; Jan. 29.
- Lilienfeld, Julius E., Winchester, Mass., assignor to Ergon Research Laboratories, Inc. Electrolytic condenser. 2,013,564; Sept. 3.
- Lilienfeld, Julius E., Winchester, assignor to Ergon Research Laboratories, Inc., Malden, Mass. Effecting metal-refractory joint and joints resulting therefrom. 2,015,482; Sept. 24.
- Lilienfeld, Julius E., Winchester, assignor to Ergon Research Laboratories, Inc., Malden, Mass. Metal-refractory joint. 2,015,483; Sept. 24.
- Lilienfeld, Julius E., Winchester, Mass., assignor to Ergon Research Laboratories, Inc., Malden, Mass. Effecting metal-glazed-refractory insulator joint and joints resulting therefrom. 2,015,484; Sept. 24.
- Lilienfeld, Julius E., Winchester, assignor to Ergon Research Laboratories, Inc., Malden, Mass. Electrolytic condenser. 2,021,455; Nov. 19.
- Lilienfeld, Leon, Vienna, Austria. Manufacture of artificial threads. 1,989,098; Jan. 29.
- Lilienfeld, Leon, Vienna, Austria. Improving artificial threads. 1,989,099; Jan. 29.
- Lilienfeld, Leon, Vienna, Austria. Artificial fibrous material. 1,989,100; Jan. 29.
- Lilienfeld, Leon, Vienna, Austria. Artificial fibers or fabrics. 1,989,101; Jan. 29.
- Lilienfeld, Leon, Vienna, Austria. Producing silk-like luster by coating. 1,991,809; Feb. 19.
- Lilienfeld, Leon, Vienna, Austria. Manufacture of artificial materials. 1,991,810; Feb. 19.
- Lilienfeld, Leon, Vienna, Austria. Treatment of artificial fibrous material. 2,001,621; May 14.
- Lilienfeld, Leon, Vienna, Austria. Manufacture of artificial materials. 2,004,875; June 11.
- Lilienfeld, Leon, Vienna, Austria. Manufacture of artificial threads and other products from cellulose compounds. 2,004,876; June 11.
- Lilienfeld, Leon, Vienna, Austria. Manufacture of artificial threads and other products from cellulose compounds. 2,004,877; June 11.
- Lilienfeld, Leon, Vienna, Austria. Regenerated artificial structure and making same. 2,021,861; Nov. 19.
- Lilienfeld, Leon, Vienna, Austria. Manufacture of artificial materials. 2,021,862; Nov. 19.
- Lilienfeld, Leon, Vienna, Austria. Manufacture of artificial materials. 2,021,863; Nov. 19.
- Lilienfeld, Leon, Vienna, Austria. Manufacture of shaped artificial structures. 2,021,864; Nov. 19.
- Lilienfeld, Leon, Vienna, Austria. Manufacture of condensation products. 2,024,972; Dec. 17.
- Lilja, Edgar D., assignor to Howard D. Coleman, Rockford, Ill. Shading ring induction motor. 1,992,956; Mar. 5.
- Lilja, Edgar D., assignor to H. D. Colman, Rockford, Ill. Induction motor. 2,010,869; Aug. 13.
- Lilja, Edgar D., assignor to H. D. Colman, Rockford, Ill. Control for contour reproduction. 2,025,062; Dec. 24.
- Lillard, William W., Washington, D. C. Flash light lamp detector. 1,989,706; Feb. 5.
- Lilley, Clifford A., Saginaw, Mich. Header strip. 2,011,450; Aug. 13.
- Lillia, Olof F., assignor to Detroit Lubricator Company, Detroit, Mich. Pump. 2,012,244; Aug. 20.
- Lilliequist, Olof M. (See Erickson, J., and Lilliequist.)
- Lilly-Ames Company, The. (See Earnshaw, Howard W., assignor.)
- Lilly, Cecil H., Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Manufacture of glycerine. 1,987,260; Jan. 8.
- Lilly, Clyde A., and J. E. Mills, Fort Worth, Tex. Service station dispatch board. 1,989,237; Jan. 29.
- Lilly, Eli and Company. (See Chen, Ko Kuei, and A. L., assignors.)
- Lilly, Eli, and Company. (See Emerson, George A., assignor.)
- Lilly, Eli, and Company. (See Hanley, W. A., and Childs, assignors.)
- Lilly, Eli, and Company. (See Kharasch, Morris C., assignor.)
- Lilly, Eli, and Company. (See Shonle, Horace A., assignor.)
- Lilly, Eli, and Company. (See Stuart, Elmer H., assignor.)
- Lilly, Eli, and Company. (See Walden, George B., assignor.)
- Lilly, Garnett M., Holston, Va. Transmission brake. 2,023,533; Dec. 10.
- Lilly, George D. (See De Bakey, M. E., and Schmidt, assignors.)
- Lilygren, George N. (See Wexelberg, C. E., and Lilygren.)
- Lim, Tiaw P., assignor to Philippine Aromatic Cigarettes Mfg. Co., Manila, P. I. Cigarette-cigar. 1,995,068; Mar. 19.
- Lim, Tiaw P., assignor to Philippine Aromatic Cigarettes Mfg. Co., Manila, P. I. Making cigarette-cigar. 1,995,069; Mar. 19.
- Lima Locomotive Works, Incorporated. (See Sloaen, William W., assignor.)
- Limacher, Walter P., Pasadena, Calif. Diaper. 1,898,283; Jan. 29.
- Limb, Frederick, Beeston, assignor to Ericsson Telephones Limited, London, England. Control of switches in totalizer systems. 2,005,151; June 18.
- Limb, Frederick, Nottingham, assignor to Ericsson Telephones Limited, London, England. Totalizer. 2,007,402; July 9.
- Limbach, Alex, Center Moriches, assignor to Creators of Ideas, Inc., New York, N. Y. Container. 2,024,377; Dec. 17.
- Limbacher, Walter. (See Krizkalla, H., and Limbacher.)
- Limbacher, Walter. (See Kunz, M. A., Krizkalla, and Limbacher.)
- Limbacher, Walter. (See Kunz, Max A., Kochendoerfer, Maurach, and Limbacher.)
- Limburg, Hijnman, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Mineral oil and its manufacture. 2,023,369; Dec. 3.
- Limerick, Charles, Jr., Hamilton, Ohio. Cabinet. 2,025,416; Dec. 24.
- Limited Company, formerly the Skoda Works. (See Hladik, Ladislav, assignor.)
- Limpert, Gregory H., New York, N. Y. Evaporating apparatus for liquids. 1,997,643; Apr. 16.
- Limpert, Sylvester A., assignor to Mechana Kold Corporation, Bay Shore, N. Y. Refrigerating apparatus. 2,017,215; Oct. 15.
- Linabury, John E. (See Dake, C. W., and Linabury.)
- Linck, Otto E., Upper Montclair, N. J. Ant trap. 2,026,393; Dec. 31.
- Lincke, Rudolf, assignor to the firm Carl Zeiss, Jena, Germany. Making contact glasses for eyes. 2,000,768; May 7.
- Linckh, Eduard, and H. Haeuber, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Thermal treatment of hydrocarbons. 1,988,873; Jan. 22.
- Lincoln, Abe, Electra, Tex. Oil and gas separator. 2,016,641; Oct. 8.
- Lincoln, Abe, Electra, Tex. Oil, water, and gas separator. 2,016,642; Oct. 8.
- Lincoln, Alden A., Fairfield, assignor to The Acme Shear Company, Bridgeport, Conn. Scissors and shears. 2,006,926; July 2.
- Lincoln, Benjamin A., Philadelphia, assignor of one-half to B. L. Grabosky, and S. Grabosky, trading as Grabosky Brothers, Philadelphia, Pa. Forming cigars. 2,023,370; Dec. 3.
- Lincoln, Bert H., assignor to Continental Oil Company, Ponca City, Okla. Converting hydrogen sulphide into sulphur. 2,021,865; Nov. 19.
- Lincoln, Charles S., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Screening device. 1,999,768; Apr. 30.
- Lincoln, Charles S., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Vibrating screen. 1,999,769; Apr. 30.
- Lincoln Electric Company, The. (See Brugge, Bernard J., assignor.)
- Lincoln Electric Company, The. (See Chapman, Everett, assignor.)
- Lincoln Electric Company, The. (See Landis, George G., assignor.)
- Lincoln Electric Company, The. (See Landis, G. G., and Mahner, assignors.)
- Lincoln Engineering Company. (See Barks, F. S., and Fox, assignors.)
- Lincoln Engineering Company. (See Barks, F. S., Fox and Linders, assignors.)
- Lincoln Engineering Company. (See Boehm, William S., assignor.)
- Lincoln Engineering Company. (See Cornell, Mead, assignor.)
- Lincoln Engineering Company. (See Fox, Alexander P., assignor.)
- Lincoln Engineering Company. (See Fox, A. P., and Holmes, assignors.)
- Lincoln Engineering Company. (See Klein, Victor G., assignor.)

- Lincoln, John C., assignor to The Union Trust Company, Cleveland, Ohio. Making welding rod or flux holder. 2,000,182; May 7.
- Lincoln, John G., assignor to The Davis Welding and Manufacturing Company, Cincinnati, Ohio. Welding apparatus. 2,016,043; Oct. 1.
- Lincoln, Paul M., Ithaca, N. Y. Electric meter of the thermal type. 1,992,535; Feb. 26.
- Lincoln, Paul M., Ithaca, N. Y. Integrating attachment for a thermal meter. 1,993,374; Mar. 5.
- Lincoln, Rollo B., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding apparatus. 1,987,691; Jan. 15.
- Lincoln, Roy. (See Woodcell, C. E., Nelson, and Lincoln.)
- Lind, Abraham A. (See Best, J. D., and Lind.)
- Lind, Edward, and D. Feigenbaum, New York, N. Y. Collar, neckband, or other garment part. 1,995,187; Mar. 19.
- Lind, Edward, and D. Feigenbaum, New York, N. Y. Collar. 2,005,943; June 25.
- Lind, Frederick A., assignor to Chrysler Corporation, Detroit, Mich. Valve mechanism. 2,002,270; May 21.
- Lind, John H., Santa Barbara, Mexico. Drill oiler. 1,999,329; Apr. 30.
- Lind, John H., Santa Barbara, Mexico. Safety razor. 2,011,151; Aug. 13.
- Lind, Leroy C. (See Wahlbom, E. T., Lind, and Wahlbom.)
- Lind, Ruben B., et al. (See Roth, William A., assignor.)
- Linda, Frank R. (See Brady, C. V., and Linda.)
- Lindau, Frederick I. (See Forrest, F. R. and Lindau.)
- Lindberg, Arvid, Lima, Ohio. Fireplace. 2,015,485; Sept. 24.
- Lindberg, Bernhard, Chicago, Ill. Washing cylinder door construction. 1,987,513; Jan. 8.
- Lindberg, Carl E., Silverdale, Wash. Lawn sprinkler. 1,993,011; Mar. 5.
- Lindberg, Erik J., Glantan, Sundborn, Sweden. Guiding device for toy-motor cars and toy-cars. 1,996,546; Apr. 2.
- Lindberg, Evar J. (See Huck, W. M., and Lindberg.)
- Lindberg, Knut E. Y., Sundbyberg, assignor to Erik Dahlberg, Stockholm, Sweden. Wrapping machine. 2,015,228; Sept. 24.
- Lindberg, Sven C., assignor, by mesne assignments, to Centrifugal Engineering and Patents Corporation, New York, N. Y. Duplex centrifugal separator. 1,997,971; Apr. 16.
- Lindblad, Axel R., Djursholm, Sweden. Recovering elementary selenium. 2,010,870; Aug. 13.
- Lindblad, Axel R., Djursholm, Sweden. Working up auriferous and cupriferous arsenical pyrites. 2,000,183; May 7.
- Lindbom, Carl G. (See Sheppard, J. F., Stevens, and Lindbom.)
- Linde Air Products Company, The. (See Bucknam, Worthy C., assignor.)
- Linde Air Products Company, The. (See Dana, L. I., and Kinson, assignors.)
- Linde Air Products Company, The. (See Edwards, Harry D., assignor.)
- Linde Air Products Company, The. (See Halbing, J. M., and Kehl, assignors.)
- Linde Air Products Company, The. (See Hausen, H., and Meyer, assignors.)
- Linde Air Products Company, The. (See Jones, Homer W., assignor.)
- Linde Air Products Company, The. (See Mesinger, William F., assignor.)
- Linde Air Products Company, The. (See Rhein, C. E., and Bruton, assignors.)
- Linde, Gustave F., assignor to Scanlan-Morris Company, Madison, Wis. Liquid sterilizer. 1,998,679; Apr. 23.
- Linde, Gustave F., assignor to Scanlan-Morris Company, Madison, Wis. Air washer and sterilizer. 2,013,518; Sept. 3.
- Lindeberg, Hugo, Eskilstuna, Sweden. Cream separator. 1,987,367; Jan. 8.
- Lindeburg, Charles F., Upper Montclair, N. J., assignor to American Can Company, New York, N. Y. Pouring spout attachment for cans. 2,015,079; Sept. 24.
- Lindgren, Carl J., Providence, R. I., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Picker spindle for looms. 1,990,294; Feb. 5.
- Lindeman, James E., assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 1,994,657; Mar. 19.
- Lindemann, Hans W. (See Dellling, P. R., and Lindemann.)
- Lindemann, Herman L., New Albany, Ind. Convertible automobile body. 1,990,436; Feb. 5.
- Lindemuth, Lewis B., assignor to Moa Bay Company, New York, N. Y. Making high-chrome steel from chrome-iron. 2,026,183; Dec. 31.
- Linden, Mary, New York, N. Y. Protective screen for sick beds. 2,014,205; Sept. 10.
- Lindenberg, Theodore, Columbus Ohio. Antivibration apparatus for motor vehicles. 2,016,207; Oct. 1.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Transmission line. 2,000,032; May 7.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillation generation. 2,005,793; June 25.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Ultra short wave reception. 2,011,943; Aug. 20.
- Lindenmuth, John M., and J. E. Weirich, Lebanon, Pa., assignors to Bethlehem Steel Company. Threading studs. 1,999,816; Apr. 30.
- Linder, Andrew J., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Saddle. 2,013,353; Sept. 3.
- Linder, Edwin L., Carthage, assignor of one-third to G. W. Offutt, Arlington, and one-third to A. J. Carr, Carthage, Ind. Combination brake and clutch for airplane motors and the like. 2,007,766; July 9.
- Linder, Francis. (See Nardone, R. M., and Linder.)
- Linder, Friedrich, assignor to Rheinische Metallwaaren- und Maschinenfabrik, Dusseldorf, Germany. Retaining device for interchangeable magazines of firearms. 1,992,380; Feb. 26.
- Linder, Friedrich, assignor to Rheinische Metallwaaren- und Maschinenfabrik, Dusseldorf, Germany. Firearm with exchangeable barrel. 2,014,184; Sept. 10.
- Linder, John A., Montclair, N. J., and C. L. E. de Gaugue, Jr., New York, N. Y., assignors to Westinghouse Lamp Company. Glow indicator lamp. 1,993,012; Mar. 5.
- Linders, William Z. (See Barks, F. S., Fox and Linders.)
- Linderman, Garrett B., Jr., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Recorder chart. 2,000,527; May 7.
- Linderman, Garrett B., Jr., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Laminated composite paper. 2,000,528; May 7.
- Linderman, Garrett B., Jr., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Remote indication of gas pressures, flows, and the like. 2,024,378; Dec. 17.
- Lindgren, Alexis C., Chicago, Ill., assignor to International Harvester Company. Harvester thresher. 2,010,096; Aug. 6.
- Lindgren, Alexis C., Chicago, Ill., assignor to International Harvester Company. Hay rake. 2,017,721; Oct. 15.
- Lindgren, Bror J., assignor to Niagara Machine and Tool Works, Buffalo, N. Y. Metal barrel drum beading machine. 2,004,816; June 11.
- Lindgren, Frank A., Western Springs, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,002,743; May 28.
- Lindgren, Frank A., Western Springs, assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,006,399; July 2.
- Lindgren, Hans O., Appelviken, Sweden, assignor, by mesne assignments, to The De Laval Separator Company, New York, N. Y. Centrifugal separator. 2,002,954; May 28.
- Lindgren, Hans O., Appelviken, Sweden, assignor to The DeLaval Separator Company, New York, N. Y. Centrifugal separator. 2,005,094; June 18.
- Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Manufacturing elastic collars enclosing rotating shafts. 2,011,180; Aug. 13.
- Lindhard, Povl T., Rumson, N. J., assignor to F. L. Smith & Co., New York, N. Y. Rotary kiln and cooler. 2,001,258; May 14.
- Lindley, Frank E., Paoli, Ind. Fluid dispensing attachment. 2,008,962; July 23.
- Lindner, Fritz. (See Lautenschläger, C. L., and Lindner.)
- Lindner, Hans G., Berlin-Tegel, Germany, assignor to General Electric Company. Furnace. 1,996,623; Apr. 2.
- Lindner, Herbert, G. m. b. H. (See Godziewski, Hermann, assignor.)
- Lindner, Herbert, Berlin, Germany. Machine tool with rotary tool. 1,991,285; Feb. 12.
- Lindner, John C., assignor to General Railway Signal Company, Rochester, N. Y. Railway traffic controlling system. 1,998,019; Apr. 16.
- Lindow, Rudolf F., assignor to Chain Belt Company, Milwaukee, Wis. Batchmeter. 2,018,964; Oct. 29.
- Lindquist, Albert W., Cranston, R. I., assignor to Freeman-Daughaday Company. Necktie holder. 2,021,630; Nov. 19.
- Lindquist, Albert W., Cranston, R. I., assignor to Freeman-Daughaday Company. Cravat holder. 2,021,631; Nov. 19.
- Lindquist, David L., Hartsdale, N. Y., H. Waters, Hohokus, N. J., and W. F. Glaser, Yonkers, assignors to Otis Elevator Company, New York, N. Y. Elevator system. 1,997,260; Apr. 9.
- Lindsey, Ernest E., San Francisco, Calif. Frozen confection and method of making. 2,025,757; Dec. 31.
- Lindsay Ganley Company, Incorporated. (See Lindsay, Lynn G., assignor.)
- Lindsay, Harvey B., Evanston, Ill. Insulated housing structure. 2,017,629; Oct. 15.
- Lindsay, Hugh W., Gastonia, N. C. Serving tray. 1,996,300; Apr. 2.
- Lindsay, James P. (See Fisher, H. A., and Lindsay.)
- Lindsay, Lynn G., Minneapolis, assignor to The Lindsay Ganley Company, Incorporated, St. Paul, Minn. Diaphragm pump. 1,992,491; Feb. 26.
- Lindsay, Norman W. (See Allison, L. R., and Lindsay.)
- Lindsay, Robert M. (See Berg, J., and Lindsay.)
- Lindsay, Walter A. (See Creeth, G. A., Philp, and Lindsay.)
- Lindsay Wire Weaving Company, The. (See Crossman, F., and Sutton, assignors.)
- Lindseth, Theodore, Coronado, Calif. Cooling, freezing, and heating apparatus. 2,000,467; May 7.

- Lindsey, Chester L. (See Lindsey, Lester L., C. L., and E. R.)
- Lindsey, Clyde R., Metropolis, Ill. Automobile seat construction. 2,006,506; July 2.
- Lindsey, Early R. (See Lindsey, Lester L., C. L., and E. R.)
- Lindsey, George W., Rockville Center, N. Y., assignor of one-fourth to C. R. Landon, Ozone Park, N. Y. Sanitary napkin. 2,006,697; July 2.
- Lindsey, John F., assignor to Wm. Wrigley Jr., Company, Chicago, Ill. Cellophane package wrap. 2,008,361; July 16.
- Lindsey, Lester L., C. L., and E. R., Anson, Tex. Farm machinery. 1,993,105; Mar. 5.
- Lindsey, Ray B., Losantville, Ind. Fence. 2,010,309; Aug. 6.
- Lindsey, Samuel R., Oakland, Calif. Metal building construction. 2,023,814; Dec. 10.
- Lindsey, Thomas G., Charleston, W. Va. Handle. 2,018,895; Oct. 29.
- Lindsey, William D., South Orange, N. J., assignor to Garrison Fire Detecting System, Inc., New York, N. Y. Temperature responsive system and device. 1,990,659; Feb. 12.
- Lindsey, William D., South Orange, N. J., assignor to Garrison Fire Detecting System, Inc., New York, N. Y. Fire indicating system. 2,018,499; Oct. 22.
- Lindsjo, Verner, Stockholm, Sweden, assignor to Draper Corporation, Hopedale, Mass. Loom stop motion. 2,009,893; July 30.
- Lindstaedt, Frank F. (See Littooy, J. F., and Lindstaedt.)
- Lindstaedt, Frank F., Oakland, assignor to Hercules Glue Company, San Francisco, Calif. Insecticides and the like. 2,007,721; July 9.
- Lindstaedt, Frank F., Oakland, assignor to Hercules Glue Company, San Francisco, Calif. Insecticide and the like. 2,007,722; July 9.
- Lindstaedt, Frank F., Oakland, assignor to Hercules Glue Company, Ltd., San Francisco, Calif. Spray composition. 2,022,246; Nov. 26.
- Lindstrom, Albert E. (See Blackmun, C. W., Samantas and Lindstrom.)
- Lindström, Carl, Aktiengesellschaft. (See Salomon, Adolf, assignor.)
- Lindstrom, Carl R., Peru, Nebr. Crank pin truing device. 2,010,638; Aug. 6.
- Lindstrom, Frank L., Bridgeport, Conn. Game board. 1,995,263; Mar. 19.
- Lindstrom, Frank L., Bridgeport, Conn. Kicker for toy boats. 1,997,421; Apr. 9.
- Lindstrom, Frank L., Bridgeport, Conn. Miniature or toy boat. 2,001,365; May 14.
- Lindstrom, Frank L., Bridgeport, Conn. Toy. 2,024,590; Dec. 17.
- Lindvall, Frederick C., Pasadena, Calif., assignor to General Electric Company. Surge responsive device. 2,009,114; July 23.
- Lindy, Mordie L., Irvington, assignor to J. E. Mergott Company, Newark, N. J. Hand bag. 2,017,415; Oct. 15.
- Lineham, Rowland A. (See Choice, F. C., and Lineham.)
- Line Material Company. (See Earle, Ralph H., assignor.)
- Line Material Company. (See Earle, R. H., and Mittelstadt, assignors.)
- Line Material Company. (See Katze-Miller, Carlton J., assignor.)
- Line Material Company. (See Lemont, Clarence J., assignor.)
- Line Material Company. (See Rigg, Joseph H., assignor.)
- Line Material Company. (See Schultz, W. O., and Steinmayer, assignors.)
- Line Material Company. (See Smythe, R. L., and Steinmayer, assignors.)
- Line Material Company. (See Steinmayer, Alwin G., assignor.)
- Line Material Company. (See Steinmayer, A. G., and Schultz, assignors.)
- Line Material Company. (See Watson, Hiram K., assignor.)
- Line Material Company. (See White, Leonard H., assignor.)
- Linendoll, Asa E., and D. F. Graham, Norwalk, Ohio, assignors, by mesne assignments, to Guide Lamp Corporation, Anderson, Ind. Light testing apparatus. 1,987,692; Jan. 15.
- Linfesty, Frederick E., Klamath Falls, Oreg. Bottle lifting device. 2,015,486; Sept. 24.
- Ling, George. (See Apfel, J. Ling, and Jarrett.)
- Linga, Torbjörn, Kokomo, Ind. Carburetor. 2,010,956; Aug. 13.
- Lingal, Harry J., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker control system. 2,006,997; July 2.
- Lingg, Timothy L., Brookline, Pa. Golfer's stance gauge. 2,025,519; Dec. 24.
- Lingley, Atlee C. (See Penney, J. S., and Lingley.)
- Lingo, William, Pasadena, Calif. Shock absorber starting device. 1,990,295; Feb. 5.
- Liniger, Max, Wisp, Switzerland. Chainless traveling grate. 1,989,373; Jan. 29.
- Link, Albert C., assignor to The L. A. Young Company, Detroit, Mich. Golf club. 2,007,377; July 9.
- Link-Belt Company. (See Dewar, Peter K., assignor.)
- Link-Belt Company. (See Drinkwater, J. D. S., and Petersen, assignors.)
- Link-Belt Company. (See Lauenstein, Carl F., assignor.)
- Link-Belt Company. (See Phillips, William E., assignor.)
- Link-Belt Company. (See Phillips, W. E., and Sayers, assignors.)
- Link-Belt Company. (See Sayers, William W., assignor.)
- Link, Edgar T., Allentown, Pa. Attachment for refrigerating systems. 2,019,421; Oct. 29.
- Link, Harry W., assignor, by mesne assignments, to American Engineering Company, Philadelphia, Pa. Fluid control mechanism. 2,009,851; July 30.
- Linke, Gerhard. (See Schieferstein, H., and Linke.)
- Linke, Gerhard, Magdeburg, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Screening apparatus. 1,995,992; Mar. 26.
- Linke, Gerhard, Magdeburg, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Production of circular or elliptical oscillations. 2,005,917; June 25.
- Linn, David E., La Grange, Ill., assignor to International Patents Development Company, Wilmington, Del. Milk and chocolate suspension. 1,989,758; Feb. 5.
- Linn, David E., La Grange, Ill., assignor to International Patents Development Company, Wilmington, Del. Chocolate sirup. 2,014,623; Sept. 17.
- Linn, Frank C., Swampscott, Mass., assignor to General Electric Company. Scraping fixture. 1,994,316; Mar. 12.
- Linn, George G., Columbus, Ohio. Leveling rod. 2,017,346; Oct. 15.
- Linn, Holman H., assignor to The Linn Manufacturing Corporation, Morris, N. Y. Gate control for vehicle dump bodies. 2,023,330; Dec. 3.
- Linn, Joseph C., Hagerstown, assignor to The Perfect Circle Company, Hagerstown, Ind. Slitting fixture for piston rings. 2,000,239; May 7.
- Linn Manufacturing Corporation, The. (See Linn, Holman H., assignor.)
- Linn, Robert, deceased, L. W. Whitmer, administrator, assignor, by mesne assignments, to Eureka Machinery Company, (Limited), trust estate, Chicago, Ill. Axle journal bearing. 1,986,274; Jan. 1.
- Linn, Robert, deceased, L. W. Whitmer, administrator, assignor, by mesne assignments, to Eureka Machinery Company, (Limited) Trust Estate, Chicago, Ill. Ore crusher. 1,994,224; Mar. 12.
- Linnemans, Adrianus. (See Bol, C., and Linnemans.)
- Linney, Albert T., Lexington, Ky. Sounding toy. 2,004,817; June 11.
- Linney, George C., Kansas City, Mo. Clothes hanger attachment. 2,025,291; Dec. 24.
- Linnmann, Wilhelm, Jr., Droegen-Nindorf, Germany. Liquid separator. 1,995,742; Mar. 26.
- Linotype and Machinery Limited. (See Ceuppens, Modeste, assignor.)
- Linotype and Machinery Limited. (See Spence, Fred, assignor.)
- Linscott, Chester E., Saugus, Mass., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Rubber article and making the same. 1,994,317; Mar. 12.
- Linscott, Chester E., Saugus, Mass., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Treating latex and product obtained thereby. 2,001,791; May 21.
- Linsell, Alfred A., Sydenham, London, England, assignor to Radio Corporation of America. Direction finding system. 2,007,654; July 9.
- Linsky, Jack, New York, N. Y. Paper fastener. 2,012,572; Aug. 27.
- Linsley, Douglas F., Sound Beach, Conn., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,015,719; Oct. 1.
- Linstead, Reginald P. (See Thorpe, J. F., and Linstead.)
- Linstead, Reginald P. (See Thorpe, J. F., Linstead, and Thomas.)
- Lint, Amos, assignor to The City Auto Stamping Company, Toledo, Ohio. Headlight mounting. 1,998,680; Apr. 23.
- Lint, Amos, assignor to The City Auto Stamping Company, Toledo, Ohio. Headlight mounting. 2,020,897; Nov. 12.
- Lintern, Alfred R. (See Wernicke, G., and Lintern.)
- Linthouse, Joseph, Seattle, Wash. Paint can lip. 1,987,834; Jan. 15.
- Linthwaite, Owen C., Los Angeles, Calif., assignor to Johnson Brothers Engineering Corporation, Waukegan, Ill. Marine drive mechanism. 1,990,387; Feb. 5.
- Linton, Carl G. (See Hall, L. H., and Linton.)
- Linville, Thomas M., Schenectady, N. Y., assignor to General Electric Company. Voltage regulator. 2,014,261; Sept. 10.
- Linzell, Harry K., La Grange, and H. W. Reel, Hinsdale, assignors to United States Gypsum Company, Chicago, Ill. Acoustical ceiling construction. 1,992,159; Feb. 19.
- Lion Fastener, Inc. (See Poux, Noel J., assignor.)
- Lionel Corporation, The. (See Bonanno, Joseph L., assignor.)
- Lionel Corporation, The. (See Caruso, Mario, assignor.)
- Lionel Corporation, The. (See Cowen, Joshua L., assignor.)
- Lionel Corporation, The. (See Giaimo, Charles V., assignor.)

- Lionel Corporation, The. (See Harris, Mark, assignor.)
 Liotta, Ernest, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Fishing lure. 2,021,796; Nov. 19.
 Lipe, W. C., Inc. (See Fish, Earl R., assignor.)
 Lipe, W. C., Inc. (See Spase, Charles B., assignor.)
 Lipman, Carl E. L., assignor to Lipman Patents Corporation, Chicago, Ill. Refrigerating system. 2,000,965; May 14.
 Lipman, Carl E. L., assignor to Lipman Patents Corporation, Chicago, Ill. Refrigerator. 2,017,285; Oct. 15.
 Lipman, Carl E. L., assignor to Lipman Patents Corporation, Chicago, Ill. Refrigerating apparatus. 2,018,139; Oct. 22.
 Lipman, Carl E. L., assignor to Lipman Patents Corporation, Chicago, Ill. Bucket pressure unloader. 2,018,917; Oct. 29.
 Lipman Patents Corporation. (See Lipman, Carl E. L., assignor.)
 Lipowski, Sigmund N. (See Holt, M. F., and Lipowski.)
 Lipp, Elmer L., Los Angeles, Calif., assignor, by mesne assignments, to Refining, Inc., Reno, Nev. Coin controlled switch. 1,986,478; Jan. 1.
 Lipp, Elmer L., Los Angeles, Calif., assignor by mesne assignments to Refining, Inc., Reno, Nev. Release for coin controlled switches. 2,010,026; Aug. 6.
 Lipp, Elmer L., Los Angeles, Calif., assignor, by mesne assignments, to Refining, Inc., Reno, Nev. Coin controlled apparatus. 2,013,160; Sept. 3.
 Lipp, Elmer L., Los Angeles, and H. L. Glaze, South Pasadena, Calif., assignors, by mesne assignments, to Refining, Inc., Reno, Nev. Coin controlled electric time switch. 1,998,963; Apr. 23.
 Lippert, Aloysius C., Kenosha, Wis., and J. D. Cramer, assignors to The Norlip Company, Chicago, Ill. Self-locking cap for gas tanks and the like. 2,007,805; July 9.
 Lippert, Henry E., Pittsburgh, Pa. Locomotive fuel conveyor. 1,991,399; Feb. 19.
 Lippert, Henry E., Pittsburgh, Pa. Locomotive fuel conveyor. 2,000,468; May 7.
 Lippert, Henry E., Pittsburgh, Pa. Locomotive fuel conveyor. 2,000,469; May 7.
 Lippert, Henry E., Pittsburgh, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Incorporated. Stoker structure. 2,022,996; Dec. 3.
 Lippert, Walter E., Hewlett, assignor to Teco Manufacturing Corp., New York, N. Y. Electric insecticide. 1,990,338; Feb. 5.
 Lippert, Walter E., New Brighton, Staten Island, assignor to Underwood Elliott Fisher Company, New York, N. Y. Circuit breaking device. 2,026,184; Dec. 31.
 Lippincott, Donald K. (See Rutherford, Romilly T., assignor.)
 Lippincott, Donald K. (See Silveira, Edward J., assignor.)
 Lippincott, Donald K., Larkspur, and H. E. Metcalf, Walnut Creek, assignors to Heinuz & Kaufman, Ltd., San Francisco, Calif. Thermionic tube. 2,010,159; Aug. 6.
 Lippincott, Donald K., Larkspur, and H. E. Metcalf, Walnut Creek, assignors to Heinuz & Kaufman, Ltd., San Francisco, Calif. Low capacity thermionic tube. 2,022,212; Nov. 26.
 Lippincott, Wells A., Oak Park, assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Method of and apparatus for forming cylinders. 2,011,585; Aug. 20.
 Lippitt, Stephen W., Cleveland, Ohio. Knitting machine drive shaft. 2,009,141; July 23.
 Lippmann, Ludwig M., and A. Faltelowitz, Berlin, Germany, said Faltelowitz, assignor to said Lippmann. Denicotinizing tobacco. 2,000,855; May 7.
 Lipschitz, Joseph, and B. Schiffenhans, Newark, N. J. Game apparatus. 1,989,599; Jan. 29.
 Lipsey, Meyer. (See Alter, J. M., and Lipsey.)
 Lipsner, Benjamin B., assignor of one-half to Louis J. Krensky, Chicago, Ill. Massage device. 2,021,732; Nov. 19.
 Lipson, Harry A., Cleveland, Ohio. Making a food product. 2,014,902; Sept. 17.
 Lipson, William, Brookline, Mass. Detachable-hood garment. 2,002,955; May 28.
 Liptak, Michael, St. Paul, Minn. Fire wall. 2,002,820; May 28.
 Liptrott, Richard G., Brooklyn, N. Y. Window ventilator. 2,004,444; June 11.
 Liquefied Gas Development Company. (See Greenfield, E., and Thibault, assignors.)
 Liquid Carbonic Corporation, The. (See Hunt, Franklin B., assignor.)
 Liquid Carbonic Corporation, The. (See Kantor, James, assignor.)
 Liquid Carbonic Corporation, The. (See Miller, Charles H., assignor.)
 Liquid Carbonic Corporation, The. (See Minor, Henry R., assignor.)
 Lira, Pedro, Iquique, Chile. Cinematographic mechanism. 1,992,706; Feb. 26.
 Lira Pedro, Santiago, Chile. Cinematographic mechanism. 2,021,560; Nov. 19.
 Lirio, Philip E., Vineland, N. J. Insecticide dispensing appliance. 1,997,492; Apr. 9.
 Lisak, Michael G. (See Thompson, Glenn L., assignor.)
 Lisbon, Joseph C., Sr., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 2,020,422; Nov. 12.
 Lisena, Michael A. (See Sturgis, Raymond F., assignor.)
 Lisintzki, Franz, Budapest, Hungary. Lighting device for projecting machines. 2,026,478; Dec. 31.
 Liska, William J., Berwyn, Ill. Current wave indicating apparatus. 2,020,195; Nov. 5.
 Liskow, Bernard H., administrator. (See Eggert, Gustav B.)
 Liss, August S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for forming articles. 1,995,357; Mar. 26.
 Liss, George, Paterson, N. J. Paper hanging. 2,023,964; Dec. 10.
 Liss, Samuel A., Philadelphia, Pa., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Cylinder lock. 2,003,086; May 28.
 Liss, Samuel A., Philadelphia, Pa., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Cylinder lock. 2,011,003; Aug. 13.
 Liss, Samuel A., Philadelphia, Pa., assignor of one-half to H. B. Hamill, Haddonfield, N. J. Lock. 2,023,847; signor.)
 Lissauer, Adolph W., assignor to Louisville Drying Machinery Co., Louisville, Ky. Manifold for tubular driers. 2,002,956; May 28.
 Lissman, Marcel A. (See Horne, G. H., and Lissman.)
 Lissman, Marcel A., Temple City, assignor to International Precipitation Company, Los Angeles, Calif. Centrifugal separating apparatus. 1,996,076; Apr. 2.
 List, Raymond F., assignor to National Sewing Machine Company, Belvidere, Ill. Electrically lighted sewing machine head. 2,001,966; May 21.
 Lister, James T., Niagara Falls, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Power drive for cyclical record machines. 1,991,686; Feb. 19.
 Litchfield, Paul W., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Pneumatic inner tube and making it. 1,989,643; Jan. 29.
 Lithgow, John, Blue Island, and G. E. Gray, Chicago, Ill., assignors to North American Car Corporation. Thermostatic control. 2,019,472; Oct. 29.
 Lithgow, John M., Beaver Falls, Pa. Ladder. 2,014,141; Sept. 10.
 Lithman, Leopold, New York, N. Y. Heating, air-conditioning, or cooling apparatus. 2,023,602; Dec. 10.
 Lithographic Technical Foundation, Inc., The. (See Reed, P. F., Dorst, and George, assignors.)
 Litner, Isaac, assignor to Bright Light Reflector Co. Inc., Brooklyn, N. Y. Electric socket and shade fixture. 2,020,691; Nov. 12.
 Littell, F. J., Machine Company. (See Littell, Frederick M., assignor.)
 Littell, Frederick M., assignor to F. J. Littell Machine Company, Chicago, Ill. Spindle reel. 2,012,452; Aug. 27.
 Littell, Nelson. (See Friedman, Leo G., assignor.)
 Litten, Ira E., assignor of one-fourth to J. H. Stout and one-fourth to J. Knox, Santa Ana, Calif. Lawn mower attachment. 1,999,506; Apr. 30.
 Little, George, Sacramento, Calif. Priming solution for wall paper and like pastes. 2,005,900; June 25.
 Little, Albert, Watertown, Mass. Garment manufacture. 1,994,956; Mar. 19.
 Little, Arthur D., Incorporated. (See Billings, Howard J., assignor.)
 Little, Arthur D., Incorporated. (See Kleinschmidt, Robert V., assignor.)
 Little Bear Specialties Company. (See de Silva, Roberto, assignor.)
 Little, Bunyan H. (See Rummelsburg, A. L., and Little.)
 Little, Edgar D., et al. (See Taylor, Joseph P., assignor.)
 Little, Edwin G. (See McWhirter, W. C., and Little.)
 Little, Ernest, New Brunswick, N. J. Fusion process. 1,998,631; Apr. 23.
 Little, George H., Winston-Salem, N. C., assignor to R. J. Reynolds Tobacco Company. Defective package ejector for cigarette packaging machines. 2,008,870; July 23.
 Little, Harold B., and K. C. Miller, assignors to The Baltimore Enamel & Novelty Co., Baltimore, Md. Wall covering. 1,987,238; Jan. 8.
 Little, Harry C., San Rafael, Calif. Ignition device. 1,994,720; Mar. 19.
 Little, Howard J., Fort Thomas, Ky., assignor to The Globe Iron Roofing & Corrugating Company. Sheet metal roofing and similar construction. 2,004,052; June 4.
 Little, John H., assignor to General Motors Corporation, Detroit, Mich. Illumination of instrument dials. 2,003,807; June 4.
 Little, Thomas J., Brooklyn, assignor to Anaconda Wire & Cable Company, New York, N. Y. Cable conductor coupling. 2,009,090; July 23.
 Littlefield, Edward P., Saugus, Mass., assignor to General Electric Company. Internal combustion engine. 2,013,541; Sept. 3.
 Littlefield, Henry S., San Bernardino, Calif. Flexible coupling for vehicles. 2,011,817; Aug. 20.
 Littlefield, Lloyd M., Chicopee Falls, Mass., assignor to A. Schrader's Son, Incorporated, New York, N. Y. Adjustable template for bent valve stems. 1,987,017; Jan. 8.
 Littlefield, Lloyd M., Chicopee Falls, Mass., assignor, by mesne assignments, to The Fisk Corporation. Splash guard. 1,993,067; Mar. 5.

- Littleford Brothers. (See Littleford, John S., Jr., assignor.)
- Littleford, John S., Jr., Fort Thomas, Ky., assignor to Littleford Brothers, Cincinnati, Ohio. Refrigerating container. 1,998,681; Apr. 23.
- Littlehale, Philip E., Middletown, Conn., assignor to F. A. Pearson, Great Barrington, Mass. Explosive operated tool. 2,008,362; July 16.
- Littlejohn, Andrew S., Yonkers, N. Y. Tool holder for machine for culinary purposes. 2,009,809; July 30.
- Littler, Carl W., Pittsburgh, Pa. Manufacture of tubes by the push bench process. 1,986,833; Jan. 8.
- Littleton, Jesse T., assignor to Corning Glass Works, Corning, N. Y. Filter and making it. 1,999,770; Apr. 30.
- Littleton, Jesse T., assignor to Corning Glass Works, Corning, N. Y. Vacuum insulated container. 1,995,993; Mar. 26.
- Littleway Process Company, The. (See Goddu, George, assignor.)
- Littleway Process Company, The. (See Pym, Charles F., assignor.)
- Littmann, Edwin R. (See Peterson, E. G., and Littmann.)
- Littmann, Edwin R., assignor to Hercules Powder Company, Wilmington, Del. Composition of matter and making the same. 1,993,026; Mar. 5.
- Littmann, Edwin R., assignor to Hercules Powder Company, Wilmington, Del. Producing a pinene-maleic anhydride reaction product. 1,993,035; Mar. 5.
- Littmann, Edwin R., assignor to Hercules Powder Company, Wilmington, Del. Reaction product of cineol and maleic anhydride and making it. 1,993,037; Mar. 5.
- Littmann, Erich. (See Goldschmidt, S., and Littmann.)
- Littmann, Josef, Biel, Switzerland. Regulation of transformers. 1,991,400; Feb. 19.
- Littooy, John F., San Francisco, and F. Floyd Lindstaedt, Oakland, Calif., assignors to Hercules Glue Company. Composition for insecticidal or fungicidal use and preparing the same. 2,018,681; Oct. 29.
- Litzenberg, William R. (See Lyss, Eric, assignor.)
- Livengood, Orrville A., Wyoming, Pa. Goggle supports. 2,004,701; June 11.
- Liverance, Frank E., Jr. (See Dake, C. W., and Liverance, Jr.)
- Liverance, Frank E., Jr., Grandville, Mich. Throttle control mechanism. 2,005,262; June 18.
- Livermore, Clarence O., Madison, Wis. Punch set. 2,013,758; Sept. 10.
- Livmore, H. F., Co. (See Dodge, Sherwood O., assignor.)
- Livmore, H. F., Co. (See Dodge, S. O., and Malafey, assignors.)
- Livmore, William T., Westfield, N. J. Transmission mechanism. 2,019,146; Oct. 29.
- Livesay, Everett G., Portsmouth, Ohio. Metal shaft for golf clubs or the like. 2,008,077; July 16.
- Livingston, Bernard. (See North, Rubn, assignor.)
- Livingston, John W., Kirkwood, assignor to Monsanto Chemical Company, St. Louis, Mo. Purification by sublimation. 1,987,301; Jan. 8.
- Livingston, John W., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of railway car retarders. 2,022,086; Nov. 26.
- Livingston, John W., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,024,935; Dec. 17.
- Livingston, John W., Wilkinsburg, and M. B. Cameron, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrical rectifier. 1,990,947; Feb. 12.
- Livingston, Louis. (See Stayton, W. H., and Livingston.)
- Livingston, Maurice H., Chicago, Ill. Multibeam light machine. 1,987,744; Jan. 15.
- Livingston, Maurice H., Chicago, Ill. Radioreception. 2,000,529; May 7.
- Livingston, Maurice H., assignor of forty per cent to J. M. Weisbaum and twenty-five per cent to J. F. Ahlborn, Chicago, Ill. Radioreception. 2,000,530; May 7.
- Livingston, Orrin W., Schenectady, N. Y., assignor to General Electric Company. Electrical control circuits. 2,019,352; Oct. 29.
- Livingston, Robert R., Clermont, N. Y. Crate packing device. 1,992,871; Feb. 26.
- Livingston, Stanton K., Maywood, Ill. Maggot extract and obtaining it. 2,022,890; Dec. 3.
- Lizak, John F. (See Sievern, F., and Lizak.)
- Ljungström, Fredrik, Lidings, assignor to Aktiebolaget Spontan, Stockholm, Sweden. Fastening means for turbine blades. 2,025,171; Dec. 24.
- Llewellyn, Lee, Dormont, Pa. Washing apparatus for minerals. 2,013,414; Sept. 3.
- Lloberes, Pedro A., Esplugas de Llobregat, Barcelona, Spain. Pen wiping device. 2,023,177; Dec. 3.
- Llorens, Louis M., New York, N. Y. Page end indicator. 2,022,965; Dec. 3.
- Lloyd, Arthur H., Coventry, England. Centerless grinding machine. 2,010,730; Aug. 6.
- Lloyd, Clyde T., Los Angeles, Calif., assignor to Crane Co., Chicago, Ill. Pipe wrapping machine. 1,990,237; Feb. 5.
- Lloyd, David W., Clayton, Mo., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake valve device. 1,991,902; Feb. 19.
- Lloyd, Elmer J. (See Beatty, C. C., and Lloyd.)
- Lloyd, Elmer J., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Multiple strand cable anchorage. 2,021,575; Nov. 19.
- Lloyd, Henry D. L., assignor to The Whitcross Company Limited, Warrington, England. Manufacture of ropes and the like. 1,992,707; Feb. 26.
- Lloyd, Henry D. L., Stretton, near Warrington, assignor to The Whitcross Company Limited, Warrington, England. Production of heat-treated coiled medium or high carbon steel wire rods. 2,023,736; Dec. 10.
- Lloyd, Roy D. (See Gardner, R. L., and Lloyd.)
- Lloyd, Thorne E., Netcong, N. J., assignor to Dwight & Lloyd Sintering Company, Inc., New York, N. Y. Method of sintering. 2,024,176; Dec. 17.
- Lloyd, Whitten P., assignor to The Haloid Company, Rochester, N. Y. Photocopy machine. 1,992,492; Feb. 26.
- Lloyd, Whitten P., assignor to The Haloid Company, Rochester, N. Y. Photocopy machine. 1,998,324; Apr. 16.
- Lloyd, Whitten P., Rochester, assignor to The Haloid Company, Rochester, N. Y. Photocopy machine. 2,022,891; Dec. 3.
- Lloyd, Whitten P., and M. H. Hill, assignors to The Haloid Company, Rochester, N. Y. Photocopy machine. 2,019,788; Nov. 5.
- Lloyd, William H., London, England. Lifeguard or catcher for vehicles. 1,991,933; Feb. 19.
- Lloyd, William H., London, England. Lifeguard for vehicles. 2,016,833; Oct. 8.
- Loane, Joseph T., and H. S. Offley, Baltimore, Md. System for dispensing beverages and means therefor. 2,026,238; Dec. 31.
- Loar, Harry J. (See Kingsley, G. E., and Loar.)
- Loar, Lloyd A., assignor, by mesne assignments, to Acousti-Lectric Company, Kalamazoo, Mich. Musical instrument. 1,992,317; Feb. 26.
- Loar, Lloyd A., assignor, by mesne assignments, to Acousti-Lectric Company, Kalamazoo, Mich. Musical instrument. 1,995,316; Mar. 26.
- Loar, Lloyd A., assignor, by mesne assignments to Acousti-Lectric Company, Kalamazoo, Mich. Musical instrument. 1,995,317; Mar. 26.
- Loar, Lloyd A., assignor to Acousti-Lectric Company, Kalamazoo, Mich. Stringed musical instrument. 2,020,557; Nov. 12.
- Loar, Lloyd A., assignor to Acousti-Lectric Company, Kalamazoo, Mich. Stringed musical instrument. 2,020,842; Nov. 12.
- Loar, Lloyd A., assignor, by mesne assignments, to Acousti-Lectric Company, Kalamazoo, Mich. Stringed musical instrument. 2,025,875; Dec. 31.
- Loaring, Thomas W., assignor of one-third to M. C. Martin and one-third to J. W. Fischer, Cincinnati, Ohio. Amusement device. 1,986,152; Jan. 1.
- Loaring, Thomas W., assignor of one-third to M. C. Martin, Cincinnati, Ohio, and one-third to J. W. Fischer. Electrical amusement device. 1,996,301; Apr. 2.
- Lobel, Melville, Mount Vernon, N. Y. Arch support. 2,022,247; Nov. 26.
- Lobel, Rudolph, assignor to Friedman-Lobel, Inc., New York, N. Y. Washable hand bag cover. 1,994,001; Mar. 12.
- Lobel, Rudolph, assignor to Friedman-Lobel, Inc., New York, N. Y. Portable receptacle. 2,019,685; Nov. 5.
- Lobl, Frederick, Middleboro, Mass. Liquid dispenser. 2,006,467; July 2.
- Lobley, Alfred G., assignor of one-half to Birmingham Electric Furnaces, Limited, Erdington, Birmingham, England. Electric furnace. 1,996,680; Apr. 2.
- Lo Burgio, Joseph, Marion, Ill. Shoe and making the same. 2,008,916; July 23.
- Lo Cascio, Pasquale. (See Blumenfeld S., and Lo Cascio.)
- Lochrane, Harold M., Cleveland, Ohio. Valve mechanism adjusting device. 1,987,239; Jan. 8.
- Locke, Arthur S., Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Reversible expansion means for interchangeable condenser and evaporator functions. 2,015,487; Sept. 24.
- Locke, Edward M., Lockeford, Calif. Mowing machine. 2,017,347; Oct. 15.
- Locke, Frank W., assignor to Coast Mining Company, Portland, Ore. Method of and apparatus for recovering metals. 1,991,763; Feb. 19.
- Locke, George A. (See Kinkad, F. S., and Locke.)
- Locke, George A., Glenwood, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic printing telegraph exchange system. 2,002,985; May 28.
- Locke, George A., Glenwood Landing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Interpolating telegraph receiving system. 2,022,051; Nov. 26.
- Locke Hosiery Mills. (See Locke, J. A., and Campanella, assignors.)
- Locke Insulator Corporation. (See Brown, Harold H., assignor.)
- Locke Insulator Corporation. (See Gouverneur, Minor F. H., assignor.)
- Locke Insulator Corporation. (See Hawley, Kent A., assignor.)
- Locke Insulator Corporation. (See Jackson, Alexander McL., assignor.)

- Locke Insulator Corporation. (See McCoy, Robert L., assignor.)
- Locke Insulator Corporation. (See Mechlin, Ernest F., assignor.)
- Locke Insulator Corporation. (See Moore, Stewart L., assignor.)
- Locke Insulator Corporation. (See Vrooman, Edward C., assignor.)
- Locke, John A., Philadelphia, and J. Campanella, Treviso, assignors to Locke Hosiery Mills, Philadelphia, Pa. Stop motion for knitting machines. 2,016,208; Oct. 1.
- Locke, John H. (See Hallquist, E. G., and Locke.)
- Locke, Joseph A. (See Sylvester, J. S., Jr., and Catheron, assignors.)
- Locke Regulator Company. (See Heaney, William A., assignor.)
- Locke Steel Chain Company, The. (See Stegeman, Henry J., assignor.)
- Lockett A. M. & Company. (See Lockett, Andrew M., assignor.)
- Lockett, Andrew M., assignor to A. M. Lockett & Company, Limited, New Orleans, La. Gravel separator and scrubber. 2,008,643; July 16.
- Lockett, Ralph G., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric motor control system. 2,021,239; Nov. 18.
- Lockett, Ralph G., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric motor controller. 2,022,862; Dec. 3.
- Lockett, Ralph G., Wauwatosa, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controlling device. 2,025,292; Dec. 24.
- Lockhart, George R., Providence, R. I., assignor, by mesne assignments to Meannville Jenckes Corporation. Manufacture of rayon. 2,012,723; Aug. 27.
- Lockhart, James A., Revere, Mass. Drainage system. 1,997,801; Apr. 16.
- Lockhart, Nathan J., Redondo, assignor to Lathrop Investment Corporation, Los Angeles, Calif. Hydrogenation process of oil refining. 2,011,109; Aug. 13.
- Lockhart, William A., assignor to Shuron Optical Company, Inc., Geneva, N. Y. Lens cutting machine. 1,997,561; Apr. 9.
- Lockhead, Frank, Norristown, Pa. Target. 2,014,110; Sept. 10.
- Lockheed Hydraulic Brake Company Limited. (See Boughton, Edward B., assignor.)
- Lockheed Hydraulic Brake Company Limited. (See Boughton, E. B., and Van Vestrout, assignors.)
- Lock Joint Pipe Company. (See Longley, James E., assignor.)
- Locklin, Reginald W., et al. (See Pierson, Henry C., assignor.)
- Lock Nut Corporation of America, The. (See Emery, I. C., assignor.)
- Lockrow, Laurice L., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. System for the neutralization of inductive interference. 2,001,847; May 21.
- Lockstitch Weavers Limited. (See Bedell, H. G., Eustege, and Brown, assignors.)
- Locktite Co., The. (See Mills, Raymond, assignor.)
- Lockwood, Alvah M., Charlotte, Tex. Windmill. 2,006,024; June 25.
- Lockwood, Alvah M., Charlotte, Tex. Pumping apparatus. 2,011,451; Aug. 13.
- Lockwood, Eugene A. (See Garrett, C. C. and Lockwood.)
- Lockwood, Robert R. (See Wahlberg, N. A., and Lockwood.)
- Lockwoven Hosiery Company. (See Komer, Nathan A., assignor.)
- Locomotive Finished Material Company, The. (See Muchnic, Henry E., assignor.)
- Locomotive Firebox Company. (See Carr, Robert A., assignor.)
- Locomotive Firebox Company. (See Hinsch, Walter H., assignor.)
- Locomotive Firebox Company. (See Rogers, Cecil M., assignor.)
- Lodeesen, Herman J. (See Tanner, R. R., and Lodeesen.)
- Lodenkemper, Gerhard, Turners Falls, Mass., assignor to Andreas G. m. b. H., Munster, Westphalia, Germany. Drip-proof seal for bag filling machines. 1,997,385; Apr. 9.
- Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of higher alkyl esters of the carboxylic acids. 1,999,976; Apr. 30.
- Lodge, Edmund G., Oak Lane, Pa., assignor, by mesne assignments, to Chicago Telephone Supply Company, Elkhart, Ind. Resistor control mechanism. 1,987,118; Jan. 8.
- Lodge, Edmund G., Oak Lane, assignor to H. H. Eby, Philadelphia, Pa. Electrical connector. 1,992,925; Feb. 26.
- Lodge, Edmund G., Oak Lane, assignor to H. H. Eby, Philadelphia, Pa. Resistor. 2,019,457; Oct. 29.
- Lodge, Edmund G., Oak Lane, Pa., assignor, by mesne assignments, to Chicago Telephone Supply Company, Elkhart, Ind. Variable resistance element. 2,023,603; Dec. 10.
- Lodge, Frank. (See Haddock, N. H., and Lodge.)
- Lodge, Frank, and C. H. Lumsden, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Anthraquinone derivatives. 2,014,810; Sept. 17.
- Lodge & Shipley Machine Tool Company, The. (See Breitenbach, Herman J., assignor.)
- Lodge, William B. (See Rockwood, G. H., Jr., and Lodge.)
- Lodispoto, Giuseppe, Brooklyn, N. Y. Combined lock and switch for an alarm. 2,011,944; Aug. 20.
- Loeb, Carl M., Jr., assignor to Climax Molybdenum Company, New York, N. Y. Molybdenum white iron casting. 2,014,002; Sept. 10.
- Loeb, Frieda, executrix. (See Loeb, Maurice.)
- Loeb, Maurice, deceased, F. Loeb, executrix, Chicago, Ill. Separating solids from liquids. 2,022,118; Nov. 26.
- Loebe, Walther-Winfried. (See Reiter, C., Loebe, Samson, Bobek, and Grossmann.)
- Loeber, Edgar O., assignor of one-half to The Rulo Company and one-half to R. H. Jamison, Cleveland, Ohio. Device for opening tops of bottles and jars. 2,015,565; Sept. 24.
- Loeffler, Bruno, Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Manufacturing steel motors. 2,011,642; Aug. 20.
- Loeffler, Bruno, Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Thermostatically controlled oil cooling system. 2,012,613; Aug. 27.
- Loeffler, Bruno, Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Welded head for internal combustion engines. 2,021,942; Nov. 26.
- Loeffler, Charles F. (See Gardner, D. D., and Loeffler.)
- Loeffler, Fritz, Yonkers, N. Y. Electric clock. 1,993,411; Mar. 5.
- Loeffler, Fritz, Yonkers, N. Y. Electric clock. 2,000,600; May 7.
- Loehle, Carl, Zurich, Switzerland. Apparatus for filling tins with a gas heavier than air. 2,019,422; Oct. 29.
- Loehr, Charles E. (See MacNab, O., and Loehr.)
- Loehr, Leslie K., Los Angeles, Calif. Cigarette lighter. 2,011,322; Aug. 13.
- Loepsinger, Albert J., assignor to General Fire Extinguisher Company, Providence, R. I. Sprinkler. 1,996,077; Apr. 2.
- Loepsinger, Albert J., assignor to American Moistening Company, Providence, R. I. Humidifier. 2,022,680; Dec. 3.
- Loepsinger, Albert J., assignor to General Fire Extinguisher Company, Providence, R. I. Sprinkler. 2,025,063; Dec. 24.
- Loepsinger, Albert J., and W. M. Trafton, assignors to American Moistening Company, Providence, R. I. Hydroscopic material and method of preparing the same. 2,001,066; May 14.
- Loescher, Frederick E., Harrisburg, Pa. Aeroplane motor-propeller structure. 2,011,061; Aug. 13.
- Loetscher, Emil C., Dubuque, Iowa. Veneered products. 1,999,243; Apr. 30.
- Loetscher, Lyman, Livingston, assignor of one-half to Eric S. Bremner, Billings, Mont. Hydrant and other valve. 2,006,900; July 2.
- Loew, Arthur M., Glen Cove, N. Y. Garment. 1,998,140; Apr. 16.
- Loewe, Milton. (See Fry, Walter L., assignor.)
- Loewe, Milton. (See Fry, W. L., and Bruckl, assignors.)
- Loewe, Siegmund, Berlin, Germany. Producing multiple electron discharge devices. 1,990,041; Feb. 5.
- Loewenstein, Casper N., Columbus, Ohio. System for eliminating static. 2,000,142; May 7.
- Loewenstein, Louis C., New York, N. Y. Fire extinguisher. 2,023,848; Dec. 10.
- Loewer, William, Rochester, N. Y. Shoe last. 1,987,745; Jan. 15.
- Loewinsohn, Joseph A., Atlanta, Ga. Tie holder. 2,013,061; Sept. 3.
- Lofgren, Benjamin F., Salt Lake City, Utah. Star and time finder. 2,006,075; June 25.
- Lofgren, Benjamin F., Sandy, Utah, assignor to American Telephone and Telegraph Company, New York, N. Y. Television equipment. 2,022,248; Nov. 26.
- Löfgren, Carl A., Linköping, Sweden. Change-over switch for direction indicators. 2,015,942; Oct. 1.
- Lofgren, Gustaf E., Rye, N. Y., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 1,991,859; Feb. 19.
- Lofgren, Gustaf E., Rye, N. Y., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,022,249; Nov. 26.
- Lofgren, Gustaf E., Rye, N. Y., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,022,250; Nov. 26.
- Lofland, Theodore R., Liberal, Kans. Supporting apparatus. 1,999,938; Apr. 30.
- Lofman, Charles, Riverside, Ill., and K. Kaiser, Michigan City, Ind., assignors to S. Karpen & Bros., Chicago, Ill. Upholstery spring inserting machine. 1,994,043; Mar. 12.
- Lofstrand, Albin P., Chicago, Ill. Shock compressing attachment for grain shockers. 2,002,408; May 21.
- Lofstrand, Anders R., Sr. (See Lofstrand, Anders R., Jr.)
- Lofstrand, Anders R., Jr., Washington, D. C., assignor to A. R. Lofstrand, Sr. Glassware washing machine. 1,992,920; Feb. 26.
- Lofstrand, Anders R., Jr., Washington, D. C., assignor to A. R. Lofstrand, Sr. Top brush setting or adjusting and retaining mechanism. 2,019,423; Oct. 29.
- Loflin, Grady A., Altavista, Va., assignor to The Lane Company, Inc. Cedar chest. 1,987,018; Jan. 8.

- Loftin, Grady A., assignor to The Lane Company, Inc., Altavista, Va. Chest or similar receptacle. 2,019,083; Oct. 29.
- Loftis, Homer J., Dayton, Ohio, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Antenna. 1,995,152; Mar. 19.
- Loftis, Homer J., Dayton, Ohio, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radioreceiver. 2,026,394; Dec. 31.
- Loftis, Homer J., assignor to Henrite Products Corporation, Ironton, Ohio. Generator voltage regulator. 2,021,941; Nov. 26.
- Lofton, Herbert M., Chattanooga, Tenn. Fire hydrant. 2,017,600; Oct. 15.
- Lofton, Herbert M., Chattanooga, Tenn. Fire hydrant. 2,018,454; Oct. 22.
- Lofton, Herbert M., Chattanooga, Tenn. Fire hydrant valve rod coupling. 2,018,455; Oct. 22.
- Lofton, Herbert M., Chattanooga, Tenn. Meter box. 2,018,615; Oct. 22.
- Lofton, Herbert M., Chattanooga, Tenn. Fire hydrant. 2,019,919; Nov. 5.
- Lofton, Herbert M., Chattanooga, Tenn. Fire hydrant. 2,020,071; Nov. 5.
- Lofton, Herbert M., Chattanooga, Tenn. Fire hydrant. 2,020,365; Nov. 12.
- Lofton, William M., Jr., Chicora, and S. G. Burroughs, Pittsburgh, Pa., assignors to Pennsylvania Coal Products Company. Making diarylamine-haloarsines. 1,997,304; Apr. 9.
- Lofts, Ralph E., Pineville, Mo. Artificial limb. 2,020,423; Nov. 12.
- Loftus, Fred H., Pittsburgh, Pa. Regenerative furnace. 2,009,236; July 23.
- Logan, Charles F. (See Trudeau, Mederic, assignor.)
- Logan, Charles W., Kenmore, assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric heater. 1,986,350; Jan. 1.
- Logan, Ernest F., San Bernardino, Calif. (Compressor. 2,026,479; Dec. 31.
- Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 1,986,112; Jan. 1.
- Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 1,997,179; Apr. 9.
- Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,003,945; June 4.
- Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric regulating apparatus. 2,012,588; Aug. 27.
- Logan, George H., assignor to Merlon Company, Inc., Pittsburgh, Pa. Drum head. 2,018,182; Oct. 22.
- Logan, George S., Chicago, Ill. Roofing. 2,013,002; Sept. 3.
- Logan, Henry L. (See Rolph, T. W., and Logan.)
- Logan, Henry L., New Rochelle, assignor to Holophone Company, Inc., New York, N. Y. Dental lighting system. 1,987,019; Jan. 8.
- Logan, John G. (See Wright, P., and Logan.)
- Logan, John W., Jr. (See Bone, H. L., and Logan.)
- Logan, John W., Jr., Wilkensburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electric brake mechanism. 1,991,903; Feb. 19.
- Logan, John W., Jr., Wilkensburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle braking system. 2,012,747; Aug. 27.
- Logan, John W., Jr., Wilkensburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,014,903; Sept. 17.
- Logan, John W., Jr., Wilkensburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electric brake apparatus. 2,017,665; Oct. 15.
- Logan, John W., Jr., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Retardation controlling device. 2,017,667; Oct. 15.
- Logan, John W., Jr., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,019,314; Oct. 29.
- Logan, Joseph A., assignor to Gilbert & Barker Manufacturing Company, Springfield, Mass. Oil burner. 1,985,934; Jan. 1.
- Logan, Joseph A., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Electric cell testing tool. 2,022,919; Dec. 3.
- Logan, Joseph A., and W. H. De Lancey, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 1,985,935; Jan. 1.
- Logan, Mason A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regulatory device. 2,014,533; Sept. 17.
- Logan, Tom O., assignor of one-half to J. W. Jones, Edgemont, S. Dak. Stove pipe coupling. 1,990,910; Feb. 12.
- Logan, William A., Kinghorn, Scotland. Mining machine. 2,007,806; July 9.
- Logan, William B., White Plains, assignor to The Texas Company, New York, N. Y. Neutralizing organic acidity in petroleum lubricating oils. 1,998,765; Apr. 23.
- Loges, Albert C., Madera, Calif. Composition for treating leather goods and method of applying same. 2,015,943; Oct. 1.
- Loghry, Leveritt I., assignor to Superior Cement Corporation, Portsmouth, Ohio. Fuel briquette. 1,990,948; Feb. 12.
- Logie, Arthur J., Westfield, Mass., assignor of one-half to T. T. Logie, Bridgeport, Conn. Obstetric bed. 2,021,107; Nov. 12.
- Logie, Thomas T. (See Logie, Arthur J., assignor.)
- Logotheton Cleanthe, New York, N. Y. Bobbin. 2,016,209; Oct. 1.
- Logue, Paul, Birmingham, and W. N. Pritchard, Jr., Anniston, Ala., assignors to Swann Research, Inc. Chlorinated alkaline silicate. 1,989,759; Feb. 5.
- Logue, Raymond G., assignor to Ward Heater Co., Ltd., Los Angeles, Calif. Air control for floor furnaces. 1,997,734; Apr. 16.
- Lohman, Conrad. (See Covell, H. S., and Lohman.)
- Lohmann, Oscar F., Tenafly, N. J., assignor to Superior Trademark Manufacturing Co., Inc. Transfer ink. 1,990,193; Feb. 5.
- Lohner, Carl L., assignor to Industrial Patents Corporation, Chicago, Ill. Meat forming. 2,020,843; Nov. 12.
- Lohr, James M., Morristown, assignor to Driver-Harris Company, Harrison, N. J. Alloy. 2,005,430; June 18.
- Lohr, James M., Morristown, assignor to Driver-Harris Company, Harrison, N. J. Alloy. 2,005,431; June 18.
- Lohr, James M., Morristown, assignor to Driver-Harris Company, Harrison, N. J. Alloy. 2,005,432; June 18.
- Lohr, James M., Morristown, assignor to Driver-Harris Company, Harrison, N. J. Alloy. 2,005,433; June 18.
- Lohr, James M., Morristown, N. J., assignor to Driver-Harris Company, Harrison, N. J. Alloy. 2,019,636; Nov. 5.
- Lohr, James M., Morristown, assignor to Driver-Harris Company, Harrison, N. J. Alloy. 2,019,688; Nov. 5.
- Lohrman, Thomas P., Oakland, Calif. Window construction for vehicle bodies. 2,024,773; Dec. 17.
- Lohse, Frederick W. H., North Attleboro, Mass., assignor to T. J. Holmes Co., Inc., Chantley, Mass. Liquid dispenser. 2,013,715; Sept. 10.
- Loibl, Robert B., Jr., Los Angeles, Calif. Pest exterminator. 2,004,121; June 11.
- Loibl, Robert B., Jr., Los Angeles, Calif. Pest exterminator. 2,004,122; June 11.
- Loibl, Robert B., Jr., Los Angeles, Calif. Pest exterminator. 2,004,123; June 11.
- Loiseau, Louis M. J., Paris, France. Picture transmitting device. 1,997,371; Apr. 9.
- Loitsch, Charles, Bronx, N. Y. Baby grand piano. 2,024,829; Dec. 17.
- Lohner, Carl L. (See McKee, H. H., and Lohner.)
- Lohner, Carl L., assignor to Industrial Patents Corporation, Chicago, Ill. Refrigerated container. 2,017,504; Oct. 15.
- Lolos Strainers Limited. (See Wardle, John, assignor.)
- Lomar, Louis L., Houston, Tex. Shock absorber. 2,002,700; May 28.
- Lomasney, John B. (See England, J. F., and Lomasney.)
- Lomax, Clarence E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Intercommunicating telephone and signaling system. 2,013,354; Sept. 3.
- Lomax, William L., Chicago, Ill. Treating eggs. 1,991,164; Feb. 12.
- Lombardi Knitting Machine Co. (See Kurdt, W. J., and Lombardi, assignors.)
- Lombardi Knitting Machine Co. (See Lombardi, Vincent, assignor.)
- Lombardi, Tarky, Syracuse, N. Y. Ash spraying device. 2,016,928; Oct. 8.
- Lombardi, Vincent. (See Kurdt, W. J., and Lombardi.)
- Lombardi, Vincent, Garden City, N. Y. Knitted fabric. 2,002,271; May 21.
- Lombardi, Vincent, Brooklyn, assignor to Lombardi Knitting Machine Co., Inc., New York, N. Y. Knitted fabric. 2,013,161; Sept. 3.
- Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co., Inc., New York, N. Y. Knitted fabric. 2,023,371; Dec. 3.
- Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co., Inc., New York, N. Y. Adjustable element for knitting machines. 2,025,462; Dec. 24.
- Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co., Inc., New York, N. Y. Knitting machine. 2,025,463; Dec. 24.
- Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co., Inc., New York, N. Y. Knitting machine and adjustable elements therefor. 2,025,464; Dec. 24.
- Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co., Inc., New York, N. Y. Knitting machine. 2,025,465; Dec. 24.
- Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co., Inc., New York, N. Y. Knitting mechanism. 2,025,466; Dec. 24.
- Lombardo, Joseph, Chicago, Ill. Lock. 1,998,900; Apr. 23.
- Lombi, Louis G., Teaneck, N. J. Ravioli machine. 2,001,792; May 21.
- Lombi, Louis, West Englewood, N. J., assignor of twenty per cent to A. W. Deller, New York, and twenty per cent to L. V. Vagnini, Long Island, N. Y. Collapsible tube. 2,008,216; July 16.
- Lommel, Wilhelm. (See Goost, T. and Lommel, assignors.)

- Lommel, Wilhelm, Leverkusen-Wiesdorf, and R. Schröter, Leverkusen, assignors to I. G. Farbenindustrie Aktien-gesellschaft, Frankfurt-on-the-Main, Germany. Amine of high molecular weight. 1,989,325; Jan. 29.
- Louctaux, Henry J., J. F. Horton and L. W. Griffiths, Tonawanda, assignors to Van Raalte Company, North Tonawanda, N. Y. Direct warping. 2,017,008; Oct. 8.
- London Electric Wire Company, The, and Smiths Limited. (See Widdy, Eric L., assignor.)
- Loneragan Manufacturing Company, The. (See Finley, Harold L., assignor.)
- Lone Star Gas Company. (See Bacon, Thomas S., as-signor.)
- Loneragan, William J. (See Nejselski, Leo, assignor.)
- Loney, Hugh W., Elkhart, assignor to C. G. Conn, Ltd., Elkhart, Ind. Reed musical instrument. 2,020,261; Nov. 5.
- Long, Allen T., Petersburg, Va. Hasp latch. 2,021,561; Nov. 19.
- Long, Archie O., Kansas City, Mo. Method of and appa-ratus for delivering flat work to an ironer. 1,988,322; Jan. 15.
- Long, Archie O., Kansas City, Mo. Pressing apparatus. 2,010,097; Aug. 6.
- Long, Armistead R., Seabro, W. Va. Combined car bumper and light guard. 1,993,675; Mar. 5.
- Long-Bell Lumber Company, The. (See Heppenstall, Thomas E., assignor.)
- Long, Bernard, assignor to Societe Anonyme des Manu-factures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Surfacing glass. 2,000,240; May 7.
- Long, Bernard, assignor to Societe Anonyme des Manu-factures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Surfacing glass. 2,023,275; Dec. 3.
- Long, Claude H., et al. (See Orr, Francis L., assignor.)
- Long, Douglas P. (See Patterson, W. G., and Long.)
- Long, Edwin M., Cadiz, Ohio. Animal trap. 1,996,872; Apr. 9.
- Long, Elmer C., Detroit, Mich. Piston for internal com-bustion motors. 2,016,379; Oct. 8.
- Long, Elmer C., Detroit, Mich. Piston for internal com-bustion motors. 2,017,630; Oct. 15.
- Long, Elmer C., Quincy, Ill., assignor, by mesne assign-ments, to Security Trust Company, Detroit, Mich. In-ternal combustion engine piston. 2,017,348; Oct. 15.
- Long, George A., assignor to The Gray Telephone Pay Station Company, Hartford, Conn. Telephone toll col-lecting box and construction thereof. 1,994,452; Mar. 12.
- Long, George A., assignor to The Gray Telephone Pay Station Company, Hartford, Conn. Telephone toll col-lecting apparatus. 1,998,410; Apr. 16.
- Long, George A. and W. W., assignors to The Gray Telephone Pay Station Company, Hartford, Conn. Tele-phone toll apparatus. 2,003,946; June 4.
- Long, Guy F., Westboro, Mo. Calipers. 2,018,731; Oct. 29.
- Long, Herbert J., assignor to United American Bosch Cor-poration, Springfield, Mass. Water heater. 2,019,458; Oct. 29.
- Long, Jacob J., Elm Mott, Tex. Agricultural implement. 2,025,520; Dec. 24.
- Long, James A., and H. E. Fiant, Reading, Pa. Pipe joint and making the same. 1,001,204; May 14.
- Long, John E., Multnomah, Ore. Connecting plural cir-cuits. 2,010,310; Aug. 6.
- Long, John R., Los Angeles, Calif. Universal fire hose coupling. 1,995,033; Mar. 19.
- Long, Jon R., et al. (See Bullum, Stephen, assignor.)
- Long, Jon R., Fort Worth, Tex. Valve. 2,002,783; May 28.
- Long, Jon R., Fort Worth, Tex. Well pumping rig. 2,014,653; Sept. 17.
- Long, Paul H. (See Allsworth, T. W., Schlup and Long.)
- Long, Richard H., Alameda, Calif. Heater for fluids. 1,987,119; Jan. 8.
- Long, Richard H., Alameda, Calif. Compressor. 2,025,758; Dec. 31.
- Long, Robert B., Dayton, Ohio. Fire alarm box attach-ment. 2,020,279; Nov. 5.
- Long, Sidney L., Minneapolis, Minn. Mechanical toy. 2,022,861; Dec. 3.
- Long, Spencer W. (Young, F. J., and Long.)
- Long, Thomas H., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Induction heater. 1,995,811; Mar. 26.
- Long, Thomas H., Irwin, assignor to Westinghouse Elec-tric & Manufacturing Company, East Pittsburgh, Pa. Induction furnace circuit. 1,997,644; Apr. 16.
- Long, Thomas H., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Phototube. 2,000,705; May 7.
- Long, Thomas H., Irwin, assignor to Westinghouse Elec-tric & Manufacturing Company, East Pittsburgh, Pa. Induction sheet heater. 2,005,901; June 25.
- Long, Thomas H., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Translating appa-ratus. 2,012,573; Aug. 27.
- Long, Thomas J., South Bend, Ind. Furnace regulator. 2,004,666; June 11.
- Long, W. E., Co., The. (See Haas, L. W., and Renner, as-signors.)
- Long, William W. (See Long, George A. and W. W.)
- Longenecker, Charles I., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Self-priming rotary pump. 1,989,061; Jan. 22.
- Longenecker, Charles I., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Distributing mecha-nism for pressure concrete transportation systems. 2,025,689; Dec. 24.
- Longenecker, Charles I., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Discharge gate for concrete transportation systems. 2,021,108; Nov. 12.
- Longenecker, Charles I., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Self-priming rotary pump. 2,022,624; Nov. 26.
- Longenecker, Levi S., Pittsburgh, Pa. Metallurgical fur-nace. 2,024,649; Dec. 17.
- Longfellow, Earl E., assignor to H. H. Leiter, War-saw, Ind. Surgical appliance. 1,997,466; Apr. 9.
- Longfellow, Earl E., assignor to H. H. Leiter, Warsaw, Ind. Surgical reduction and extension splint. 2,007,127; July 2.
- Longfellow, Earl E., assignor to Harry H. Leiter, Warsaw, Ind. Hyperextension frame. 2,010,766; Aug. 6.
- Longfellow, Earl E., assignor to H. H. Leiter, Warsaw, Ind. Surgical fracture reducing appliance. 2,014,111; Sept. 10.
- Longfellow, Earl E., assignor to H. H. Leiter, Warsaw, Ind. Surgical splint and reducing frame. 2,020,262; Nov. 5.
- Longley, James E., Verona, assignor to Lock Joint Pipe Company, East Orange, N. J. Band testing apparatus. 2,009,406; July 30.
- Longley, James N., assignor to Ferodo Limited, Chapel-en-le-Frith, England. Brake compositions. 2,020,791; Nov. 12.
- Longobardi, Cesare, Rome, Italy. Explosion and combus-tion motor. 2,002,957; May 28.
- Longren, Albin K., Kansas City Airport, Clay County, Mo. Airplane fuselage. 2,006,468; July 2.
- Longview Fibre Company. (See Denny, Omer, assignor.)
- Longyear Corporation, et al. (See Mackillican, James A., assignor.)
- Louroy Corporation. (See Buttress, George A., assignor.)
- Lonskey, John H., assignor to Central Specialty Company, Ypsilanti, Mich. Automobile heater. 2,022,292; Nov. 26.
- Lontz, Harry R., assignor to The F. & N. Lawn Mower Company, Richmond, Ind. Bearing. 2,005,502; June 18.
- Lonzo, William, assignor to C. H. Whitcomb, Fitchburg, Mass. Bobbin stripper. 1,990,740; Feb. 12.
- Loof, Otto, assignor of fifteen per cent to F. Baumen and ten per cent to J. Taner, Tracy, and five per cent to P. P. Cianettoni, Banta, Calif. Sanitary insert for lavatories. 1,987,020; Jan. 8.
- Loomans, Clarence A. (See Ducl, C. E., and Loomans.)
- Loomis, Albert G. (See Ambrose, H. A., and Loomis.)
- Loomis, Albert G. (See Lawton, H. C., Loomis, and Am-brose.)
- Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 2,001,278; May 14.
- Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 2,001,279; May 14.
- Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 2,023,929; Dec. 10.
- Loomis, Demetrius P., Baltimore, Md. Tube closure. 2,016,678; Oct. 8.
- Loomis, Evarts G., Newark, N. J. Apparatus for mixing and kneading plastic materials. 1,990,555; Feb. 12.
- Loomis, Evarts G., Newark, assignor to The Dorin Cor-poration, Union City, N. J. Packing. 1,987,120; Jan. 8.
- Loomis, Fred J., Haddonfield, N. J., and E. W. Reynolds, Drexel Hill, Pa., assignors to Radio Corporation of America. Soundhead. 2,019,147; Oct. 29.
- Loomis, Horatio P., assignor to Silmo Chemical Company, Inc., Vineland, N. J. Increasing the vitamin content of vitamin bearing oils. 2,026,395; Dec. 31.
- Loomis, Leavitt R., Claverack, N. Y. Spray nozzle. 2,017,467; Oct. 15.
- Loomis, Nathaniel E., Westfield, N. J., assignor to Stand-ard Oil Development Company. Refining oils. 1,997,938; Apr. 16.
- Loomis, Nathaniel E., Westfield, N. J., assignor to Stand-ard Oil Development Company. Pyrolysis of petroleum oils and apparatus therefor. 1,998,248; Apr. 16.
- Loomis, Ralph L., Bedford, Mass. Machine for producing wadding. 1,989,455; Jan. 29.
- Loomis, Robert H. (See Bell, W. O., and Loomis.)
- Loop, Admah I., and O. L. Likens, North East, Pa., as-signors of one-half to G. W. Loop, Cleveland, Ohio. Adjustable cam. 2,025,600; Dec. 24.
- Loop, George W. (See Loop, A. I., and Likens, assignors.)
- Loos, Clarence J., and L. J. Miller, Chicago, Ill. Vaporiz-er. 2,005,229; June 18.
- Loos, Stefan, Vienna, Austria. Producing composite dental plates. 2,025,759; Dec. 31.
- Loos, Walter, New York, assignor of one-fourth to Gerda Gjertson, Brooklyn, N. Y. Rug and carpet tufting ma-chine. 1,997,869; Apr. 16.
- Looschen, John W., Paterson, N. J. Hoisting apparatus. 2,026,350; Dec. 31.
- Loose, Kenneth D., Bronxville, assignor to Loose-Wiles Bis-cuit Company, Long Island City, N. Y. Cereal food prod-ucts. 2,008,024; July 16.

- Loose, Kenneth D., Bronxville, assignor to Loose-Wiles Biscuit Company, Long Island, N. Y. Cereal food. 2,013,003; Sept. 3.
- Loose-Wiles Biscuit Company. (See Loose, Kenneth D., assignor.)
- Loose Leaf Metals Company. (See Newman, George W., assignor.)
- Loosmore, James R. and M. B. Shannon, St. Louis, Mo. Heel tap. 2,009,506; July 30.
- Lootens, Charles L., Yonkers, N. Y., assignor to General Electric Company. Changeover device. 1,990,388; Feb. 5.
- Lootens, Charles L., Yonkers, assignor to Cinema Patents Company, Inc., New York, N. Y. Continuous film processing method and apparatus. 2,015,346; Sept. 24.
- Lorain Steel Company, The. (See Steward, Douglas P. and J. V., assignors.)
- Lorain Steel Company, The. (See Steward, D. P., and Stewart, assignors.)
- Lorance, George T., Chappaqua, assignor to Electrical Research Products, Inc., New York, N. Y. Switching system. 2,001,101; May 14.
- Lorand, Eugene J., assignor to Hercules Powder Company, Wilmington, Del. Production of alkyl ethers of cellulose. 2,001,102; May 14.
- Lorang, Hermanus F. J., and P. W. van der Sluijs, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Purification of alcohols. 2,006,400; July 2.
- Lorang, John, Elgin, Ill., assignor to Williams Manufacturing Company, Inc. Chiropractic table. 2,023,429; Dec. 10.
- L'Orange, Rudolf, Stuttgart-Feuerbach, Germany. Fuel pump for internal-combustion engines. 2,010,696; Aug. 6.
- L'Orange, Rudolf, Stuttgart, Germany, assignor of one-half to F. R. Simms, London, England. Liquid fuel injection pump. 1,999,330; Apr. 30.
- Lorant, Hermann, Vienna, Austria. Liquid dispensing device. 1,999,331; Apr. 30.
- Lord & Burnham Company. (See Bowden, Burnham, assignor.)
- Lord, Edward E., assignor of one-half to J. D. Ross, Pasadena, Calif. Sprinkler head. 2,003,052; May 28.
- Lord, Gleonard A. (See Scarlett, Adam H., assignor.)
- Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Counting apparatus. 1,995,890; Mar. 26.
- Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Peak voltage measuring device. 2,010,697; Aug. 6.
- Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Time indicator. 2,011,366; Aug. 13.
- Lord, Harry, Bury, assignor to Walmsleys (Bury) Limited, Bury, England. Rotatable cylinder for drying and other purposes. 2,017,762; Oct. 15.
- Lord, Hugh C., Erie, Pa. Shackle joint. 1,991,254; Feb. 12.
- Lord, Hugh C., Erie, Pa. Curing plastic articles. 1,997,908; Apr. 16.
- Lord, Hugh C., Erie, Pa. Support. 2,018,860; Oct. 29.
- Lord, Hugh C., Erie, Pa. Joint. 2,019,052; Oct. 29.
- Lord, Hugh C. and T. Erie, Pa.; said T. Lord assignor to said H. C. Lord. Joint. 1,996,210; Apr. 2.
- Lord, Hugh C. and T. Erie, Pa.; said T. Lord, assignor to said H. C. Lord. Joint. 2,022,213; Nov. 26.
- Lord-Mott Company. (See Mills, Rufus A., assignor.)
- Lord Mount C., assignor to U. S. Submarine Motorship Dredge, Inc., Seattle, Wash. Submarine operating device. 2,014,389; Sept. 17.
- Lord, Sam. (See Hindle, T., and Lord.)
- Lord, Thomas. (See Lord, H. C., and Thomas.)
- Lord, William E. (See Whyte, S., and Lord.)
- Lorelli, Gennaro, New York, N. Y. Stability indicator for aeroplanes. 2,008,833; July 23.
- Lorentz, Valentin, Dresden-Hohendolzschen, assignor to C. Bergmann, Dresden-A., Germany. Tobacco cutting device. 1,991,757; Feb. 19.
- Lorentz, Valentin, Dresden-Hohendolzschen, assignor to Carl Bergmann, Dresden-A., Germany. Method and device for separating coherent tobacco leaves. 2,018,918; Oct. 29.
- Lorenz, C., Aktiengesellschaft. (See Below, Fritz, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Fischer, H. R., and Herzog, assignors.)
- Lorenz, C., Aktiengesellschaft. (See Hahnemann, Walter M., assignor.)
- Lorenz, C., Aktiengesellschaft. (See Kramar, El., and Lüttcher, assignors.)
- Lorenz, C., Aktiengesellschaft. (See Rochow, Hans, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Scheppmann, Wilhelm, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Schumacher, H., and Zottner, assignors.)
- Lorenz, Franz, assignor to Waldes & Ko., Dresden, Germany. Device for punching and reinforcing documents or the like. 2,008,509; July 16.
- Lorenz, William, Los Angeles, Calif. Garden hose loop holder. 2,011,521; Aug. 13.
- Lorenz, William, and L. W. Pollack, New York, N. Y.; said Pollack assignor to said Lorenz. Doll eye mechanism. 2,002,326; May 21.
- Lorenz, William, and L. W. Pollack, New York, N. Y., said Pollack assignor to said Lorenz. Doll eyelash. 2,007,807; July 9.
- Lorenzen, Edward, Minneapolis, Minn. Oat hulling and cleaning machine. 2,011,110; Aug. 13.
- Lorenzen, Hans, Oakland, and A. Leonhard, Piedmont, Calif. Screw and driver therefor. 1,997,422; Apr. 9.
- Lorig, Edwin T., Gary, Ind., assignor to American Sheet and Tin Plate Company. Strip coiler. 1,986,734; Jan. 1.
- Lorig, Edwin T., Gary, Ind., assignor to American Sheet and Tin Plate Company. Oil seal. 2,005,587; June 18.
- Lorig, Edwin T., and C. E. Moore, Gary, Ind., assignors to American Sheet and Tin Plate Company. Apparatus for maintaining constant the temperature of metal working rolls. 1,994,721; Mar. 19.
- Lorig, Edwin T. and C. E. Moore, Gary, Ind., assignors to American Sheet and Tin Plate Company. Processing sheet metal. 2,017,403; Oct. 15.
- Lorig, Frank W., Lakewood, Ohio. Conveyer trolley. 2,017,404; Oct. 15.
- Lorillard, P., Co. (See Driscoll, John J., assignor.)
- Loring, Edward J. (See Ridler, H. C., Zingsheim, and Loring.)
- Loring, John G., Watertown, assignor to Steele Supply Company, Cambridge, Mass. Combined metal and canvas basket. 1,986,780; Jan. 1.
- Lorius, Emile, Alliance, Ohio, assignor to Olga Erma Nelson, Chicago, Ill. Artificial flower. 2,012,085; Aug. 20.
- Lorrenz, C. Aktiengesellschaft. (See Kramar, Ernst, assignor.)
- Los, Cornelis B., assignor to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. Discharge device. 1,992,493; Feb. 26.
- Los Angeles, Wall Bed Co. (See Cocks, E., and McGown, assignors.)
- Loschi, Augustus, et al. (See Humphrey, Leo H., assignor.)
- Lose, James E., Munhall, Pa. Apparatus for manufacturing plates and the like. 2,005,152; June 18.
- Losee, Daniel W., East Patchogue, N. Y., assignor to Johnson-Losee Corporation, Long Island City, N. Y. Regenerated cellulose sheet or film and making same. 2,025,000; Dec. 17.
- Loser, Ugo, Trieste, Italy. Apparatus for compensating vibrations in ships and other structures. 1,997,423; Apr. 9.
- Loske, Frank, Brooklyn, N. Y. Aeroplane. 2,012,104; Aug. 20.
- Loth, Gaylord, assignor to The Hinde and Dauch Paper Company, Sandusky, Ohio. Shipping carton. 1,994,318; Mar. 12.
- Loth, William A., Paris, assignor to Société à Responsabilité Limitée: L. F. T. Fonderies, La Corneuve, France. Regulation of furnaces. 1,996,161; Apr. 2.
- Lothrop, Marcus T. (See Tyson, Miller S., assignor.)
- Lothrop, Marcus T., deceased, Canton, Ohio, Margaret F. Lothrop, executrix. Control for motor vehicles. 2,014,854; Sept. 17.
- Lothrop, Marcus T., deceased, Canton, Ohio, M. F. Lothrop, executrix. Roller bearing. 2,015,230; Sept. 24.
- Lothrop, Marcus T., deceased, Canton, Ohio, and M. S. Tyson, Canton, Ohio, said Tyson assignor to said Lothrop, M. F. Lothrop, executrix. Tapered roller bearing unit. 2,015,229; Sept. 24.
- Lothrop, Margaret F., executrix. (See Lothrop, Marcus T.)
- Lothrop, Margaret F., executrix. (See Lothrop, M. T., and Tyson, assignors.)
- Lothrop, Margaret F., executrix. (See Tyson, Miller S.)
- Lott, Charles I., Lansing, Mich. Unit bearing. 1,995,571; Mar. 26.
- Lott, Charles I., Lansing, Mich. Valve grinding machinery. 1,999,198; Apr. 30.
- Lott, Charles Ira, Lansing, Mich. Work holder for grinders. 1,996,873; Apr. 9.
- Lott, William A., Newark, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Preparing divinyl ether. 2,013,662; Sept. 10.
- Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose leaf binder. 1,993,969; Mar. 12.
- Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose leaf binder. 1,995,743; Mar. 26.
- Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose leaf binder. 2,000,184; May 7.
- Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose leaf binder. 2,024,461; Dec. 17.
- Lotts, Delbert L., assignor, by mesne assignments, to General Research Corporation, Chicago, Ill. Free wheeling clutch. 2,003,833; June 4.
- Lotts, Delbert L., assignor to General Research Corporation, Chicago, Ill. Brake mechanism. 2,013,891; Sept. 10.
- Loubatié, Mathieu R. (See Salles, P. M. R., and Loubatié.)
- Loucks, James F., Cleveland, Ohio. Sheet metal building construction. 1,997,939; Apr. 16.
- Louden Machinery Company, The. (See Purnell, Harry M., assignor.)
- Louden, William H., London, England. Tobacco feeding means for cigarette making machines. 1,998,247; Apr. 16.

- Loudenback, Clarence F. (See Loudenback, Hamilton L., assignor.)
- Loudenback, Hamilton L., assignor of one-third to C. F. Loudenback, Sidney, Ohio. Truss structure. 2,002,506; May 28.
- Loudenslager, Charles S. (See Voke, C. E., assignor, and Denbow.)
- Loudenslager, Oscar W., assignor to Goodyear-Zeppelin Corporation, Akron, Ohio. Resilient device. 1,994,722; Mar. 19.
- Loudenslager, Oscar W., assignor to Goodyear-Zeppelin Corporation, Akron, Ohio. Resilient device. 2,020,692; Nov. 12.
- Lougee, Frederick G., New Malden, England, assignor to Irving Trust Company, Permanent Trustee for R. Hoe & Co., Inc., New York, N. Y. Inking mechanism for printing machines. 2,016,287; Oct. 8.
- Lougee, Frederick G., London, England, assignor to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, permanent trustee. Rotary printing machine. 2,026,480; Dec. 31.
- Lougee, Frederick G., New Malden, and T. E. Pattinson, Finchley, London, England, assignors to Irving Trust Company, permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Printing plate clamping mechanism. 1,996,581; Apr. 2.
- Lougee, Frederick G., New Malden, and T. E. Pattinson, Finchley, London, England, assignors to Irving Trust Company, permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Printing plate clamping mechanism. 2,022,681; Dec. 3.
- Lough, Thomas F., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph receiver. 2,021,366; Nov. 19.
- Loughhead, Malcolm, and W. F. Oliver, Detroit, Mich., assignors to Hydraulic Brake Company, Los Angeles, Calif. Braking mechanism. 1,990,493; Feb. 12.
- Loughlin, Daniel M., and A. B. Anderson, Milwaukee, Wis. Dripping device. 2,007,868; July 9.
- Loughlin, James F., Milwaukee, Wis. Production of butyl alcohol and acetone by fermentation. 1,992,921; Feb. 26.
- Loughlin, James F., Milwaukee, Wis. Manufacture of solvents by fermentation. 1,996,428; Apr. 2.
- Loughlin, Thomas A., LaCrosse, Wis. Flusher type spray nozzle. 2,024,936; Dec. 17.
- Loughlin, William D., Mountain Lakes, and P. O. Farnham, Boonton, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Multiple coil assembly. 1,989,205; Jan. 29.
- Loughridge, Donald H., assignor to R. C. Burt, Pasadena, Calif. Electric fish stop. 2,010,601; Aug. 6.
- Loughridge, Matthew H., Bogota, N. J. Differential load brake. 2,010,027; Aug. 6.
- Loughridge, Matthew H., Bogota, N. J. Refrigerator. 2,025,760; Dec. 31.
- Louis, Martin, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Beverage delivering apparatus. 2,021,367; Nov. 19.
- Louis, Martin, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Beverage delivering apparatus. 2,021,368; Nov. 19.
- Louisville Drying Machinery Co. (See Coffey, J. R., and Adams, assignors.)
- Louisville Drying Machinery Co. (See Lissauer, Adolph W., assignor.)
- Loumlet et Lavigne, Jean, Playa de la Teja, Itabo, Cuba. Centrifugal separator. 2,015,076; Sept. 24.
- Lounsberry, Harold I. (See Taylor, J. F. M., and Lounsberry.)
- Lounsberry, Harvey J., Glenn Ellyn, assignor to W. H. Miner, Inc., Chicago, Ill. Buffer. 1,993,106; Mar. 5.
- Lounsberry, Harvey J., Glen Ellyn, assignor to W. H. Miner, Inc., Chicago, Ill. Draft rigging. 2,018,026; Oct. 22.
- Louviaux, Raoul J., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Edge grinding apparatus. 1,997,386; Apr. 9.
- Louviaux, Raoul J., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting table. 2,002,348; May 21.
- Louviaux, Raoul J., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Edge grinding apparatus. 2,015,720; Oct. 1.
- Lova, Alphonse C. (See Diefenderfer, V. J., and Lova.)
- Lovatt, John W., Paterson, N. J. Lock. 1,997,523; Apr. 9.
- Lovatt, John W., Paterson, N. J. Sidewalk door. 2,012,885; Aug. 27.
- Love, Harold J., Winnipeg, Manitoba, Canada. Hot water heater. 1,992,305; Feb. 26.
- Love, Herbert W., Hartford, Conn. Bracket. 2,011,004; Aug. 13.
- Love, James A., Glendale, Calif. Valve seat grinder. 2,026,051; Dec. 31.
- Love, James E. (See Hume, H. D., and Love.)
- Love, Sandy H., Detroit, Mich. Vending machine. 1,987,835; Jan. 15.
- Love, Solomon A., Decatur, Ga. Closure cap. 1,998,373; Apr. 16.
- Lovejoy, Arthur G., Jr., Malden, Mass. Fireplace screen. 2,023,604; Dec. 10.
- Lovejoy, Charles K., Roslindale, Mass. Fountain pen. 2,007,576; July 9.
- Lovejoy, Fred P., Springfield, Vt. Metal working tool. 2,021,188; Nov. 19.
- Lovekin, Luther D., Villanova, assignor to Kitson Company, Philadelphia, Pa. Value device for use with a hot water supply. 1,988,907; Jan. 22.
- Lovekin, Luther D., Villa Nova, assignor to Kitson Company, Philadelphia, Pa. Fire valve device for gas meters. 2,020,558; Nov. 12.
- Lovekin, Luther D., Villanova, and J. L. Le Gorre, assignors to Kitson Company, Philadelphia, Pa. Gas shut-off for hot water systems. 2,023,276; Dec. 3.
- Lovelace, Charles W. (See Carroll, L. C., and Lovelace.)
- Loveland, Harlow B., et al. (See Barthel, O. E., and Power, assignors.)
- Loveless, Gerold F., Westfield, N. Y. Universal motor mounting. 2,014,071; Sept. 10.
- Lovell, John B. (See Bassett, N. M., and Lovell.)
- Lovell Manufacturing Company. (See Godfrey, Earl V., assignor.)
- Lovell Manufacturing Company. (See Kauffman, Walter L., assignor.)
- Lovell Manufacturing Company. (See Kauffman, Walter L., 2d, assignor.)
- Lovell, Roy F. (See Lawson, R. H., and Lovell.)
- Lovell, Stanley P., Newton, assignor to Arden Box Toe Company, Watertown, Mass. Manufacture of shoes having stiffened parts. 2,001,032; May 14.
- Lovell, Stanley P., Newton, and E. H. Hansen, Braintree, Mass., assignors to Arden Box Toe Company, Watertown, Mass. Apparatus for treating shoe stiffener blanks and the like. 2,025,467; Dec. 24.
- Lovely, John E., assignor to Jones & Lamson Machine Company, Springfield, Vt. End facing and centering machine. 2,002,186; May 21.
- Lovely, John E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Feed knock-off mechanism for lathes. 2,006,144; June 25.
- Lovenston, Hans J., Detroit, Mich. Cotter pin. 1,986,586; Jan. 1.
- Loveridge, Claude W., and L. J. Lambe, Hampstead, London, England. Rotary engine. 1,994,397; Mar. 12.
- Lovett, George A., assignor to General Motors Corporation, Detroit, Mich. Valve lash adjusting mechanism. 2,011,863; Aug. 20.
- Lovett, John Thompson, Jr., Little Silver, N. J. Plant ball package. 1,988,691; Jan. 22.
- Lovett, Lloyd R., assignor to American Pearl Button Company, Washington, Iowa. Tubular saw retaining means. 2,021,456; Nov. 19.
- Lovgren, Harold V., Boston, assignor to H. T. Nelson, Cambridge, Mass. Fluid operated grinding tool. 1,991,764; Feb. 19.
- Loving, Thomas E., Baltimore, Md. Artificial fish bait. 1,999,416; Apr. 30.
- Lovingood, Alvin, Los Angeles, Calif. Dispensing machine. 2,005,918; June 25.
- Lovrich, John, Piermont, N. Y. Collapsible tube squeezer. 2,013,389; Sept. 3.
- Low, David, Ashville, N. C. Variable speed mechanism. 2,019,424; Oct. 29.
- Low, Herbert W., administrator. (See Low, John S.)
- Low, John S., Berkeley, Calif., H. W. Low, administrator of said J. S. Low, deceased, assignor to American Telephone & Telegraph Company, Incorporated, New York, N. Y. Band pass network. 2,018,140; Oct. 22.
- Low, Stanley J., Niles Center, Ill. Coaster. 2,004,166; June 11.
- Lowe, Albert. (See Burton, S. F., and Lowe.)
- Lowe, Albert L. (See North, S. N., assignor, and Gurley.)
- Lowe, Aubrey L., Iilon, N. Y., assignor to Remington Arms Company, Inc. Gun sight. 2,007,019; July 2.
- Lowe, Ernest A., Cleveland Heights, assignor to Automatic Sprinkler Company of America, Cleveland, Ohio. Fire extinguishing apparatus. 1,996,478; Apr. 2.
- Lowe, Ernest A., and J. R. Hamilton, Cleveland Heights, assignors to Automatic Sprinkler Company of America, Cleveland, Ohio. Supervising pneumatic fire alarm systems. 1,986,479; Jan. 1.
- Lowe, Ernest A., and J. R. Hamilton, Cleveland Heights, assignors to Automatic Sprinkler Company of America, Cleveland, Ohio. Gate valve supervisory device. 1,990,339; Feb. 5.
- Lowe, Frank G. (See Bradburn, Curtis E., assignor.)
- Lowe, George E., Indianapolis, Ind. Dog catcher. 1,985,599; Jan. 22.
- Lowe, George K., Providence, R. I., assignor to D. M. Watkins Company. Bracket. 1,994,826; Mar. 19.
- Lowe, James S., et al. (See Woodroffe, Harvey, assignor.)
- Lowe, Joe, Corporation. (See Slemunde, Herbert A., assignor.)
- Lowe, Joe, Corporation. (See Thomas, Norman M., assignor.)
- Lowe, John, Jr., Winfield, Kans. Display bracket. 2,008,792; July 23.
- Lowe, Kenneth J., Iilon, N. Y., assignor to Remington Arms Company, Inc. Gun sight. 1,997,972; Apr. 16.
- Lowe, Kenneth J., Iilon, N. Y., assignor to Remington Arms Company, Inc. Gun sight. 2,005,866; June 25.
- Lowe, R. C. (See Lancaster, Eugene L., assignor.)
- Lowe, Rudy, Chicago, Ill., assignor to Proportioners, Inc., Providence, R. I. Proportioning apparatus. 1,999,881; Apr. 30.
- Lowe, William G. and R. H. J. Riley, Spondon, near Derby, England, assignors to Celanese Corporation of America. Applying liquids to yarns, threads, filaments, straws, tapes, bristles, or like textile materials. 1,999,417; Apr. 30.

- Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Valve for hydraulic brake systems. 1,985,936; Jan. 1.
- Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Ironing machine. 1,990,042; Feb. 5.
- Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Ironing machine. 1,990,043; Feb. 5.
- Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Braking mechanism. 2,016,288; Oct. 8.
- Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Sealing means. 2,019,757; Nov. 5.
- Lowell Manufacturing Company. (See Seyforth, Rome C., assignor.)
- Lowenfels, Albert, White Plains, N. Y. Butter package and making same. 2,003,600; June 4.
- Lowensohn, Rose, New York, N. Y. Making proofs. 2,002,293; May 21.
- Löwenhielm, Carl G. H., Tjarnas, Sweden. Discharge means for ball or rod mills and the like. 2,023,331; Dec. 3.
- Löwenstein, Harry F., Washington, D. C. Intelligence testing device. 1,989,326; Jan. 29.
- Löwenstein, Leo, Berlin-Wilmersdorf, Germany. Packing acid sulphates and the like compounds. 2,020,072; Nov. 5.
- Lower, Fredrick A., Wichita Falls, Tex. Valve guide. 1,995,572; Mar. 26.
- Lower, Frederick A., Wichita Falls, Tex. Hydraulic pumping apparatus. 2,019,353; Oct. 29.
- Lower, Melvin S., Wadsworth, assignor to The Sun Rubber Company, Barberton, Ohio. Articulated doll. 2,019,148; Oct. 29.
- Lower, Nathan M., Bellevue, Pa., assignor to The Standard Stoker Company, Incorporated. Fuel distributing apparatus. 2,022,966; Dec. 3.
- Lowkrantz, Gunne. (See Daly, G. F. and Lowkrantz.)
- Lowkrantz, Gunne. (See Lake, C. D. and Lowkrantz.)
- Lowndes, Arthur, Toronto, Ontario, Canada. Centrifugal clutch. 2,016,643; Oct. 8.
- Lowndes, Richard H., assignor to Atlantic Steel Company, Atlanta, Ga. Runout returner for rolling mills. 2,014,855; Sept. 17.
- Lownes, E. John, Jr. (See Puddington, Arthur W., assignor.)
- Lowry, Charles D., Jr., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of asphalt. 1,997,261; Apr. 9.
- Lowry, Charles D., Jr., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 2,014,235; Sept. 10.
- Lowry, Erwin F., Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical discharge device. 1,997,693; Apr. 16.
- Lowry, George G., assignor of one-half to S. L. Henry, Pittsburgh, Pa. Combination anterior mouth support and saliva ejector. 1,986,275; Jan. 1.
- Lowry, George G., assignor of one-half to S. L. Henry, Pittsburgh, Pa. Mixing plate for cements, artificial enamels and medicaments. 1,993,450; Mar. 5.
- Lowry, George G., assignor of one-half to Samuel L. Henry, Pittsburgh, Pa. Dental speculum. 1,998,374; Apr. 16.
- Lowry, George G., assignor of one-third to S. L. Henry, Pittsburgh, Pa. Attachment for dental hand pieces and stone protectors and water coolers. 2,012,886; Aug. 27.
- Lowry, Julius C., and O. M. Rybolt, Detroit, Mich. Fire alarm system. 1,999,299; Apr. 30.
- Lowry, Le Roy D., Detroit, Mich. Apparatus for cleaning coils. 2,015,566; Sept. 24.
- Lowry, Le Roy D., Detroit, Mich. Apparatus for cleaning coils. 2,015,567; Sept. 24.
- Lowry, Oliver, Meridian, Miss. Device to prevent mouth breathing and snoring. 1,990,411; Feb. 5.
- Low Temperature Carbonisation Limited. (See Parker, Charles H., assignor.)
- Low Temperature Carbonisation Limited. (See Parker, C. H., and Postlethwaite, assignors.)
- Low Temperature Processing Company, The. (See Zorn, W. M., and Egger, assignors.)
- Low Temperature Processing Company, The. (See Zorn, W. M., and Eickhoff, assignors.)
- Lowther, Wilfred W., Minneapolis, assignor to Donaldson Company, Inc., St. Paul, Minn. Air cleaner. 1,991,758; Feb. 19.
- Lowther, Wilfred W., Minneapolis, assignor to Donaldson Company, Inc., St. Paul, Minn. Air cleaner. 1,991,759; Feb. 19.
- Lowther, Wilfred W., Minneapolis, assignor to Donaldson Company, Inc., St. Paul, Minn. Air cleaner. 2,000,706; May 7.
- Lowther, Wilfred W., Minneapolis, assignor to Donaldson Company, Inc., St. Paul, Minn. Air cleaner. 2,006,927; July 2.
- Lowy, Alexander, R. B. Reynolds, Pittsburgh, and J. W. Young, Ben Avon, assignors to Federal Laboratories, Inc., Pittsburgh, Pa. Safe and vault protective device. 2,012,453; Aug. 27.
- Lox Seal Corporation. (See Behrman, Marcus B., assignor.)
- Loy, John G., assignor to Porcelain Products, Inc., Findlay, Ohio. By-pass for high tension electricity. 1,987,575; Jan. 8.
- Luball, Abraham, Ventnor, N. J. Identification device for toothbrushes. 2,016,644; Oct. 8.
- Lubberhuizen, Jan W., Arnhem, Netherlands, assignor, by mesne assignments, to American Enka Corporation, Wilmington, Del. Apparatus for reeling freshly spun artificial silk. 2,009,052; July 23.
- Lubberhuizen, Jan W., Arnhem, Netherlands, assignor to American Enka Corporation, Enka, N. C. Drying artificial silk. 2,011,153; Aug. 13.
- Lubbers, Lubbert E., assignor to The New Stoughton Company, Stoughton, Wis. Flexible and resilient vehicle coupling. 1,996,162; Apr. 2.
- Lübbert, Wolfgang, Dusseldorf, assignor to firm Henkel & Cie, Gesellschaft mit beschränkter Haftung, Dusseldorf, Germany. Sulphuric acid derivatives of ether-esters and their production. 2,007,869; July 9.
- Lübbert, Wolfgang, Dusseldorf, and E. Rosenhauer, Dusseldorf-Benrath, assignors to the firm Henkel & Cie, G. m. b. H., Dusseldorf, Germany. Esters of substituted saturated fatty acids having 12 to 18 carbon atoms. 2,010,731; Aug. 6.
- Lübcke, Ernst, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge device. 2,007,542; July 9.
- Lubcke, La Verne C., Watertown, Wis. Circuit closer for signals. 1,989,238; Jan. 29.
- Lubovitch, Eugene, and J. M. Fieschi, Paris, France, said Fieschi assignor to said Lubovitch. Combustion of fuels. 2,014,686; Sept. 17.
- Lubricating Equipment Co. (See Hillis, David R., assignor.)
- Lubrication Corporation. (See Andrews, Lloyd M., assignor.)
- Lubrication Corporation, The. (See Bock, Clarence H., assignor.)
- Lubrication Corporation, The. (See Clark, Otto B., assignor.)
- Lubrication Corporation, The. (See Creveling, John L., assignor.)
- Lubrication Corporation, The. (See Dodge, Adiel Y., assignor.)
- Lubrication Corporation, The. (See Jonsson, Sven M., assignor.)
- Lubrication Corporation, The. (See LaBrie, Ludger E., assignor.)
- Lubrication Corporation, The. (See Morris, William L., assignor.)
- Lubrication Corporation, The. (See Parker, Clark W., assignor.)
- Lubrication Corporation, The. (See Tear, Harry R., assignor.)
- Lubrication Corporation, The. (See Watson, John A., assignor.)
- Lubri-Zol Corporation, The. (See Nason, Francis A., assignor.)
- Lubri-Zol Corporation, The. (See Prutton, Carl F., assignor.)
- Lubs, Herbert A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. N(p-amino-phenyl) morpholine and preparing the same. 2,004,763; June 11.
- Lubs, Herbert A., and A. L. Fox, Wilmington, Del., and R. A. Smith, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of aryl thioisocyclic acids. 1,988,501; Jan. 22.
- Lubs, Herbert A., and J. E. Cole, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of thioindigo dyes. 2,000,033; May 7.
- Lubs, Herbert A., Wilmington, Del., and I. Williams, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanization of rubber. 2,002,639; May 28.
- Lubs, Herbert A., and G. C. Strouse, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of N(p-amino-phenyl) morpholine. 2,004,764; June 11.
- Lubs, Herbert A., J. E. Cole, and A. L. Fox, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing o-amino-aryl mercaptans and derivatives thereof. 2,007,335; July 9.
- Lubs, Herbert A., and J. E. Cole, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile printing. 2,024,973; Dec. 17.
- Lubs, Herbert A., and J. E. Cole, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Printing. 2,024,974; Dec. 17.
- Lubs, Herbert A., and J. E. Cole, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vat dye compositions and application thereof. 2,024,975; Dec. 17.
- Lubs, Herbert A., E. F. Hitch, and M. A. Dahlen, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Arylamide and its production. 2,025,116; Dec. 24.
- Lubs, Herbert A., E. F. Hitch, and M. A. Dahlen, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes and methods for their preparation. 2,025,117; Dec. 24.
- Lubs, Herbert A., and J. E. Cole, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of aryl-amines. 2,025,876; Dec. 31.
- Lucarelle, Joseph M., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Sound-box construction. 2,007,128; July 2.
- Lucarelle, Joseph M., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Recording device. 2,016,505; Oct. 8.

- Lucarelle, Joseph M., and J. E. Renholdt, assignors to Dictaphone Corporation, Bridgeport, Conn. Phonograph. 2,008,328; July 16.
- Lucas, Abraham N., Wauwatosa, Wis., assignor to The Oxweld Railroad Service Company. Journal bearing. 1,991,562; Feb. 19.
- Lucas, James H., Seattle, Wash. Apparatus for hoisting anchors and mooring vessels. 1,998,565; Apr. 23.
- Lucas, Owen D., and E. J. Lush, Dartford, England. Apparatus for refining vapors. 1,990,608; Feb. 12.
- Lucas, Robert T., Kansas City, Kans. Abdominal retractor. 2,013,892; Sept. 10.
- Lucas, Samuel M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Slow releasing electromagnetic apparatus. 1,994,723; Mar. 19.
- Luce, Charles D. (See Chase, R. S., Luce, and Arnott.)
- Luce, Charles E., Stuttgart, Germany. Device for discharging paste, viscous or liquid substances. 2,012,396; Aug. 27.
- Luce, Charles R., Brooklyn, N. Y. Sound producing box. 2,019,425; Oct. 29.
- Luce, Richard W., Mountinside, assignor to American Gasaccumulator Company, Elizabeth, N. J. Light signal device. 1,992,670; Feb. 26.
- Luce, Richard W., Westfield, N. J., assignor to Signal Service Corporation. Sign. 1,993,068; Mar. 5.
- Luce, Richard W., Westfield, N. J., assignor to Signal Service Corporation. Sign construction. 1,995,856; Mar. 26.
- Luce, Richard W., Westfield, N. J., assignor to Signal Service Corporation. Fastening device. 1,998,936; Apr. 23.
- Luce, Richard W., Elizabeth, N. J., assignor to Eastman Kodak Company, Rochester, N. Y. Making plungers for glass molds. 2,024,650; Dec. 17.
- Luce, William A., Portland, assignor of five per cent to H. A. Bell and five per cent to J. A. Dodok, Linton, Oreg. Dragline bucket. 2,013,276; Sept. 3.
- Luce, Willis F., San Francisco, Calif. Box structure. 1,997,909; Apr. 16.
- Lucey, Patrick J., Chicago, Ill. Slicing machine with hand-operated material feeder. 1,993,849; Mar. 12.
- Lüchinger, Josef O., assignor to Azo Aktiengesellschaft, Biel, Switzerland. Production of an antislip rubber material. 2,011,496; Aug. 13.
- Luchsinger, Emil, assignor to the firm Sulzer Frères Société Anonyme, Winterthur, Switzerland. Vehicle driven by internal combustion engines through electric transmission apparatus. 2,025,468; Dec. 24.
- Luchtenberg, Alex. (See Hartmann, A., Hoefinghoff, Luchtenberg, and Kempf.)
- Luchtenberg, Alex., Wuppertal Langerfeld, Germany, assignor to American Bemberg Corporation, New York, N. Y. Holding device for yarn bobbles. 2,012,791; Aug. 27.
- Luci, Warner S. (See Stein, H., Gross, and Luci.)
- Lucia, Louis V., Hartford, Conn. Pilot light for oil burners. 2,018,369; Oct. 22.
- Lucich, Giovanni, Trieste, Italy. Gas mixer. 2,018,561; Oct. 22.
- Lucich, Giovanni, assignor to firm "Società Anonima Carburatori Olii Pesanti (S. A. M. C. O.)", Trieste, Italy. Carbureting heavy liquid fuels. 2,003,180; May 28.
- Lucich, Giovanni, assignor to firm "Società Anonima Carburatori Olii Pesanti (S. A. M. C. O.)", Trieste, Italy. Burner for heavy liquid fuels. 2,003,181; May 28.
- Lucke, Charles E., New York, N. Y. Apparatus for measuring gas temperatures. 2,006,469; July 2.
- Lucke, Charles E., New York, N. Y., assignor to Bailey Meter Company. Regulating valve. 2,000,966; May 14.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J. Method of and apparatus for conditioning gas or vapor. 2,001,259; May 14.
- Lucke, Charles E., New York, N. Y., assignor to Fuller Lehigh Company, Fullerton, Pa. Fuel burner. 2,008,671; July 23.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Heat exchanger. 2,021,117; Nov. 12.
- Lucke, Charles E., New York, N. Y., assignor to Fuller Lehigh Company, Fullerton, Pa. Fuel burning apparatus. 2,022,427; Nov. 26.
- Lucke, William B., Wilmette, Ill. Bathtub hanger. 1,999,467; Apr. 30.
- Luckett Loose Leaf, Limited. (See Bloore, E. J., and West, assignors.)
- Luckett, William S., New York, N. Y. Hand-bag. 1,991,165; Feb. 12.
- Luckett, William S., New York, N. Y. Paper receptacle. 2,004,818; June 11.
- Luckett, William S., New York, N. Y. Cigarette package. 2,026,239; Dec. 31.
- Luckey, George P., Lancaster, Pa. Chronometric tachometer. 1,996,339; Apr. 2.
- Luckey, George P., Lancaster, assignor to Hamilton Watch Company, Lancaster, Pa. Method of and apparatus for measuring time intervals. 2,024,799; Dec. 17.
- Ludeman, Clifford G., Fishkill, assignor to The Texas Company, New York, N. Y. Motor fuel. 1,994,891; Mar. 19.
- Ludenia, Werner, Berlin, Germany, assignor to Radio Corporation of America. Short wave receiving circuit. 2,013,103; Sept. 3.
- Ludewigs, Carl, assignor to "Luka" Handelsgesellschaft Ludewigs & Kahlicke, Hamburg, Germany. Stamping device. 2,012,472; Aug. 27.
- Ludington, Lawrence L., assignor to Ball Brothers Company, Muncie, Ind. Sectionalizing tubes. 1,986,587; Jan. 1.
- Ludlow, Edmund. (See Noblitt, Q. G., Booth, and Ludlow.)
- Ludlow Manufacturing Associates. (See Stone, Malcolm B., assignor.)
- Ludlow Typograph Company. (See Hedley, Arthur H., assignor.)
- Ludlum Steel Co. (See Breeler, Walter R., assignor.)
- Ludowich, Wilhelm, Jockgrim/Pfalz, Germany. Roofing tile. 1,999,244; Apr. 30.
- Ludvigsen, Niels, Paris, France. Formation of printing blocks. 1,996,429; Apr. 2.
- Ludwick, Herbert V., Dearborn, assignor to American Tire Guard Company, Detroit, Mich. Safety attachment for wheels. 1,992,078; Feb. 19.
- Ludwick, Herbert V., Dearborn, assignor to American Tire Guard Company, Detroit, Mich. Safety attachment for wheels. 1,992,079; Feb. 19.
- Ludwick, Herbert V., Dearborn, assignor to American Tire Guard Company, Detroit, Mich. Making safety attachment for wheels. 1,992,080; Feb. 19.
- Ludwig, Leon R. (See Silverman, D., and Ludwig.)
- Ludwig, Leon R. (See Slepian, J., and Ludwig.)
- Ludwig, Leon R. (See Slepian, J., Ludwig, and Silverman.)
- Ludwig, Leon R., Forest Hills, Borugh, Pa., assignor to Westinghouse Lamp Company. Mercury vapor lamp. 2,006,466; July 2.
- Ludwig, Leon R., Wilkinsburg, and J. Slepian, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric device. 2,011,643; Aug. 20.
- Ludwig, Louis, Brooklyn, N. Y. Electric flasher. 2,001,580; May 14.
- Ludwig, Louis, Brooklyn, N. Y. Electrotherapeutic element. 2,002,744; May 28.
- Ludwig, Louis, Brooklyn, N. Y. Electric cord connector. 2,015,276; Sept. 24.
- Ludwig, Richard, Dusseldorf-Unterrath, Germany. Pilger rolling mill. 2,005,657; June 18.
- Ludwig, Willi. (See Lautenschläger, C. L., and Ludwig.)
- Ludwig, William F., Oak Park, Ill., assignor to C. G. Conn, Ltd., Elkhart, Inc. Percussion musical instrument. 2,020,150; Nov. 5.
- Ludwig, William F., assignor to C. G. Conn, Ltd., Elkhart, Ind. Drum. 2,024,937; Dec. 17.
- Luebke, Arthur J. (See Lafond, E., and Luebke.)
- Luedtke, Hans, Berlin-Tempelhof, Germany. Keyboard. 2,003,894; June 4.
- Luehrs, Hans J., Westerly, R. I. Printing blanket. 1,999,733; Apr. 30.
- Luening, Eugene G., assignor to The Girdler Corporation, Louisville, Ky. Pipe bend; 2,004,491; June 11.
- Luetscher, Oliver P., Peru, Ill. Open hearth furnace. 2,011,554; Aug. 13.
- Luetke, Elizabeth, Chicago, Ill. Child's restraining attachment for beds. 2,014,478; Sept. 17.
- Luft, Henry J., assignor to M. A. M. Luft, Cleveland Heights, Ohio. Waste pipe fitting. 2,011,721; Aug. 20.
- Luft, Henry J., assignor to M. A. M. Luft, Cleveland Heights, Ohio. Vacuum breaker. 2,023,178; Dec. 3.
- Luft, Mary A. M. (See Luft, Henry J., assignor.)
- Lufkin Foundry & Machine Company. (See McLane, Charles, assignor.)
- Lufkin Gin Company. (See Wilson, John D., assignor.)
- Lufkin Rule Company, The. (See Buck, F., and Witchger, assignors.)
- Lufkin Rule Company, The. (See Witchger, Eugene J., assignor.)
- Luft, John H., Providence, R. I. Flower holder. 1,987,071; Jan. 8.
- Luftig, Morris, Chicago, Ill. Belt for personal wear. 2,004,412; June 11.
- Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung. (See Durr, L., and Stegmaier, assignors.)
- Luftschiffbau Zeppelin Gesellschaft mit Beschränkter Haftung. (See Förster, Arthur, assignor.)
- Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung. (See Lehmann, Ernst A., assignor.)
- Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung. (See Lempertz, Eberhard, assignor.)
- Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung. (See Stahl, Karl, assignor.)
- Lugar, Charles W., Cleveland Heights, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic furnace control system. 2,025,542; Dec. 24.
- Lug-Lox Flooring Company. (See Cherry, Frank W., assignor.)
- Lug-Lox Flooring Company. (See Johnson, Oscar L., assignor.)
- Luhn, Hans P., New York, N. Y. Recipe guide. 2,011,722; Aug. 20.
- Luhr, Otto, deceased, by A. Eisemann, executrix, said Luhr assignor to A. Eisemann, Chicago, Ill. Refrigerating car. 1,987,693; Jan. 15.
- "Luka" Handelsgesellschaft Ludewigs & Kahlicke. (See Ludewigs, Carl, assignor.)
- Lukash, John G. (See Phair, R. A., and Lukash.)

- Luker, Robert B., Gloucester, N. J. Lifting means attachment for automobiles. 2,021,733; Nov. 19.
- Lulek, Ralph N. (See Beard, E. E., and Lulek.)
- Lulek, Ralph N., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinone derivatives. 2,001,737; May 21.
- Lulek, Ralph N., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthrazthiazole-anthraquinone carbonyl imides and preparing them. 2,001,738; May 21.
- Lulek, Ralph N., and M. A. Perkins, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vat dyestuff and intermediate of the pyrene-quinone and perylene-quinone series. 1,991,687; Feb. 19.
- Lulek, Ralph N., and M. A. Jerkins, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. α,α -anthracene-dicarbonyl-chloride and preparing the same. 1,991,688; Feb. 19.
- Luley, Frank. (See Cunningham, A., and Luley.)
- Lull, Frederick H. (See Smith, W. R., and Lull.)
- Lum, Edward K., assignor to The Beckett Paper Company, Hamilton, Ohio. Paper manufacture. 1,990,994; Feb. 12.
- Lum, George R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone substation apparatus. 2,008,287; July 16.
- Lum, Philip L. S., Chatham, assignor to L. A. B. Corporation, Newark, N. J. Remote control device. 2,007,577; July 9.
- Lum, Rowland R., Lewisburg, Tenn. Dam construction. 1,986,113; Jan. 1.
- Lum, Walter O., Schenectady, N. Y., assignor to General Electric Company. Blower compressor unit for oil burners. 1,986,003; Jan. 1.
- Lum, Walter O., Schenectady, N. Y., assignor to General Electric Company. Safety control device. 1,987,447; Jan. 8.
- Lum, Walter O., Schenectady, N. Y., assignor to General Electric Company. Electroresponsive operating means. 1,993,612; Mar. 5.
- Lum, Walter O., Schenectady, N. Y., assignor to General Electric Company. Hydraulic operator. 1,993,613; Mar. 5.
- Lum, Walter O., and E. D. Harrington, Schenectady, N. Y., assignors to General Electric Company. Welded thin steel boiler. 2,009,852; July 30.
- Lumbers, James C., Paradise, South Australia, Australia. Shock absorbing mechanism for vehicles. 2,013,566; Sept. 3.
- Luminous Tube Lighting Corporation. (See Henderson, J. E., and Beck, assignors.)
- Lumm, Harvey N. (See Harris, S. R., and Lumm.)
- Lummerzhelm, Hermann, Dessau-Ziebig in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Photographic and cinematographic film employed without use of a protective paper strip. 1,989,813; Feb. 5.
- Lummus Company, The. (See Coubrough, George B., assignor.)
- Lummus Company, The. (See Kraft, Wheaton W., assignor.)
- Lummus Company, The. (See Worn, George A., assignor.)
- Lummus Cotton Gin Company. (See Grimes, Thaddeus S., assignor.)
- Lummus Cotton Gin Company, The. (See Muirhead, Alfred R., assignor.)
- Lummus Cotton Gin Company. (See Murray, Ethan F., assignor.)
- Lumsden, Colin H. (See Lodge, F., and Lumsden.)
- Lunas, Lawrence J., Nutley, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Analyzer. 2,018,272; Oct. 22.
- Lund, Francis L., Ogden, Utah. Antifreeze composition. 1,997,735; Apr. 16.
- Lund, Nels B. (See Downes, F. A., Fischer, and Lund.)
- Lund, Nels B. (See Fischer, A. J., and Lund.)
- Lund, Nels B., Seaford, assignor, by mesne assignments, to The Dorr Company, Inc., New York, N. Y. Thickener. 2,003,261; May 28.
- Lund, Thomas, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Channel cementing machine. 1,989,102; Jan. 29.
- Lundberg, Bo K. O., Linköping, Sweden. Navigating table. 2,009,407; July 30.
- Lundberg, Carl E., Walden, N. Y. Amusement device. 1,997,940; Apr. 16.
- Lundberg, Carl E., Seattle, Wash. Photographic copying. 2,003,691; June 4.
- Lundberg, Karl E., Uppsala, Sweden. Oil burner. 2,010,403; Aug. 6.
- Lundeen, Chester A. (See Hollander, A., Grau, and Lundeen.)
- Lundeen, Edward F., Rock Island, Ill. Adjustable table. 2,002,349; May 21.
- Lundegard, John E., Bremerton, Wash. Mixing valve. 2,017,864; Oct. 22.
- Lundelius & Eccleston Motors Corporation. (See Lundelius, O. F., and Lefler, assignors.)
- Lundelius, Oscar F., and M. N. Lefler, Los Angeles, assignors to Lundelius & Eccleston Motors Corporation, Los Angeles, Calif. Vehicle spring mounting. 2,006,644; July 2.
- Lundelius, Oscar F., and M. N. Lefler, Los Angeles, assignors to Lundelius & Eccleston Motors Corporation, Los Angeles, Calif. Vehicle differential mounting. 2,025,668; Dec. 24.
- Lundelius, Oscar F., and M. N. Lefler, assignors to Lundelius & Eccleston Motors Corporation, Los Angeles, Calif. Differential and spring mounting. 2,025,669; Dec. 24.
- Lundgren, Carl, Greeley, Colo. Beet digging device. 1,993,176; Mar. 5.
- Lundgren, Carl, Greeley, Colo. Sugar beet puller. 2,018,183; Oct. 22.
- Lundgren, Edwin, Frederick, Md., assignor to Foster Wheeler Corporation, New York, N. Y. Boiler. 2,013,565; Sept. 3.
- Lundgren, William E., Auburn, assignor, by mesne assignments, of one-half to Sutton Tool Co., Inc., Wilkinsville, Mass. Loom shuttle structure. 2,000,967; May 14.
- Lundgren, William E., Auburn, assignor, by mesne assignments, of one-half to Sutton Tool Co., Inc., Wilkinsville, Mass. Weft replenishing loom. 2,000,968; May 14.
- Lundgren, William E., Auburn, assignor, by mesne assignments, of one-half to Sutton Tool Co., Inc., Wilkinsville, Mass. Weft replenishing loom structure. 2,000,969; May 14.
- Lundh, Sverre H., Lakewood, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Pump. 2,011,864; Aug. 20.
- Lundin, Walfrid, Maplewood, Oreg. Lawn mower. 1,992,494; Feb. 26.
- Lundquist, Arvid. (See Tomlin, J. R., and Lundquist.)
- Lundquist, Arvid, New York, and A. G. H. Andersen, Brooklyn, assignors to R. Hoe & Co., Inc., New York, N. Y.; Irving Trust Company, permanent trustee. Plate clamp for printing machines. 1,995,994; Mar. 26.
- Lundquist, Joseph T. (See Perkins, R. P., Dietzler, and Lundquist.)
- Lundqvist, Gunnar F., Stockholm, Sweden. Motion transmitting means. 1,998,376; Apr. 16.
- Lundqvist, Gunnar F., Stockholm, Sweden. Semiautomatic gear. 2,021,071; Nov. 12.
- Lundstedt, Erik, assignor to Pfister Chemical Co. Inc., Ridgefield, N. J. Treatment of milk. 1,998,141; Apr. 16.
- Lundvall, John S., assignor to Equipment Specialties Company, Chicago, Ill. Ice bunker. 2,015,902; Oct. 1.
- Lundy, Beverly A., Larchmont, assignor to Railroad Accessories Corporation, New York, N. Y. Railroad trucking. 1,987,405; Jan. 8.
- Lundy, Beverly A., Larchmont, assignor to Railroad Accessories Corporation, New York, N. Y. Railway switch circuit controller connection. 2,009,269; July 23.
- Lundy, George A., Decorah, Iowa. Lime and fertilizer spreader or seeder. 2,011,340; Aug. 13.
- Lunkenheimer Company, The. (See Bolton, John W., assignor.)
- Lunkenheimer Company, The. (See Bolton, J. W., and Weigand, assignors.)
- Lunn, Edward G., Washington, D. C. Battery. 2,014,390; Sept. 17.
- Lunnon, Frederick C., Chelmsford, England, assignor to Radio Corporation of America. High frequency circuit arrangement. 2,018,370; Oct. 22.
- Lunsford, Errel C., Shreveport, La. Railway brake beam and bottom rod emergency support. 2,002,350; May 21.
- Lupfer, Robert N., Springfield, Ohio, assignor to G. E. Prentice Manufacturing Company, Berlin, Conn. Key support. 2,026,185; Dec. 31.
- Lupton, Arthur S., London, England, and W. Kropff, Berlin, Germany, assignors to The National Cash Register Company, Dayton, Ohio. Cash register. 1,997,372; Apr. 9.
- Lupton, Elmer H., Ilchester, Md. Cell structure for folding boxes. 1,999,909; Apr. 30.
- Luque, Eliseo, Ponce, assignor to Luque and Fuertes, San Juan, Puerto Rico. Producing essence of coconut and synthetic coconut water. 1,998,375; Apr. 16.
- Luque and Fuertes. (See Luque, Eliseo, assignor.)
- Lurcott, Winfred N., Elizabeth, N. J. Painter's easel. 1,994,225; Mar. 12.
- Lurie, Harold H., La Fayette, Ind., assignor, by mesne assignments, to Utilities Research Commission, Inc., Chicago, Ill. Welding apparatus. 2,016,866; Oct. 8.
- Lurie, Harry J. (See Gardner, Herman B., assignor.)
- Luschenowsky, Alexander, Berlin, Germany. Flux for the smelting and refining of magnesium and magnesium alloys. 1,989,456; Jan. 29.
- Luschenowsky, Alexander, Berlin, assignor to Kùlpers Metallwerke G. m. b. H., Bonn-on-the-Rhine, Germany. Solder for aluminum and its alloys. 2,004,372; June 11.
- Luse, Gordon B., Big Spring, Tex. Device for expanding pistons. 2,002,821; May 28.
- Lusfield, Joseph. (See Martin, William P., assignor.)
- Lush, Charles H., Riverhead, N. Y. Portable sign frame. 2,010,404; Aug. 6.
- Lush, Ernest J. (See Lucas, O. D., and Lush.)
- Lusher, Francis A., assignor to Rutember Electric Co., Marion, Ind. Table top electric range. 2,000,343; May 7.
- Lusignan, Joseph T., Jr., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Insulator. 1,994,281; Mar. 12.
- Lusignan, Joseph T., Jr., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Fog type insulator. 1,994,282; Mar. 12.

- Lusignan, Joseph T., Jr., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Impulse generator. 1,997,064; Apr. 9.
- Lusignan, Joseph T., Jr., assignor to The Ohio Brass Company, Mansfield, Ohio. Arcing guard. 2,022,863; Dec. 3.
- Lussier, Joseph A., assignor to Hood Rubber Company, Inc., Watertown, Mass. Shoe. 2,004,897; June 11.
- Luster, Eric W. (See Spencer, A. C., and Luster.)
- Lusteroid Container Company. (See Mankiewicz, Joseph, assignor.)
- Lusznat, Johannes. (See Gossiau, F., and Lusznat.)
- Lute, Carl, Hammond, Ind., assignor to Camel Company, Chicago, Ill. Door elevating device. 1,994,138; Mar. 12.
- Lutes, Arthur M., Red Creek, N. Y. Drink mixer. 2,004,373; June 11.
- Luth, Arthur, Astoria, N. Y. Steam controlling system. 1,998,282; Apr. 16.
- Luther, Martin. (See Dietrich, W., and Luther.)
- Luther, Martin. (See Freidolsheim, A. V., and Luther.)
- Luther, Martin, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Product of methylolurea. 1,985,937; Jan. 1.
- Luther, Martin, Mannheim, and A. v. Friedolsheim, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production and purification of sulfonated products. 1,993,375; Mar. 5.
- Luther, Martin, and K. Goetze, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Treating liquids with gases or vapors and apparatus therefor. 2,015,347; Sept. 24.
- Luther, Martin, Mannheim, W. Fungs, Cologne, R. Griessbach, Wolfen, and C. Heuck, Leverkusen, Germany, assignors to Unyte Corporation, New York, N. Y. Production of lacquer bases. 2,019,865; Nov. 5.
- Luther, Melvin E., Chicago, Ill. Dispensing container for tooth powder and the like. 1,985,938; Jan. 1.
- Lutomirski, Karel, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alternating current generator. 2,014,534; Sept. 17.
- Luton, Clarence W., and J. Beddow, Toledo, Ohio, assignors to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,000,399; May 7.
- Luton, John, Cleveland Heights, assignor to Consolidated Iron-Steel Mfg. Company of 1932, Cleveland, Ohio. Apparatus for making molds. 2,013,277; Sept. 3.
- Luton, John, Cleveland Heights, assignor to Consolidated Iron-Steel Mfg. Company of 1932, Cleveland, Ohio. Making molds. 2,013,278; Sept. 3.
- Luton, John, Cleveland Heights, assignor to The Consolidated Iron-Steel Mfg. Company of 1932, Cleveland, Ohio. Molded articulated article. 2,022,472; Nov. 26.
- Lüttcher, Erich. (See Kramar, E., and Lüttcher.)
- Luttenberger, Benjamin W. (See Lewis, E. H., and Luttenberger.)
- Lutter, Adolph C., assignor to Lutter Brick Company, Glen View, Ill. Brick kiln arch and producing same. 1,990,832; Feb. 12.
- Lutter Brick Company. (See Lutter, Adolph C., assignor.)
- Lutter, Richard, assignor to J. C. König & Ebhardt, Hannover, Germany. Ledger file. 1,999,332; Apr. 30.
- Luttmann, Fred Jr., Chicago, Ill. Elastic lace. 2,004,702; June 11.
- Lutz, Alfred, Brederiche-Uckermark, Germany. Manufacturing paper tubes and the like. 2,011,452; Aug. 13.
- Lutz, Alois V., Zurich, Switzerland. Double shutter weir. 1,989,457; Jan. 29.
- Lutz, Frederick W. (See Wood, W. W., and Lutz.)
- Lutz, Friedrich, assignor to Union Special Maschinenfabrik, G. m. b. H., Stuttgart, Germany. Sewing machine. 2,014,687; Sept. 17.
- Lutz, George A., Cranford, N. J., assignor to American Circular Loom Company, Inc., New York, N. Y. Welding. 2,016,380; Oct. 8.
- Lutz, Lloyd F. (See Croll, J. L., and Lutz.)
- Lutzy, Harry H. (See Bly, E. W., and Lutzy.)
- Lux, Arthur E., et al. (See Hopfner, Ferdinand L., assignor.)
- Lux Clock Manufacturing Company. (See Lux, Frederick, assignor.)
- Lux, Frederick, assignor to Lux Clock Manufacturing Company, Waterbury, Conn. Time mechanism for operating gas valves. 1,995,070; Mar. 19.
- Lux, Heinz. (See Runge, W., Iberg, and Lux.)
- Lux, Heinz, Berlin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Short wave reflector. 2,018,273; Oct. 22.
- Lux, William J., et al. (See Hopfner, Ferdinand L., assignor.)
- Luxenberg, Aaron, Ellwood City, assignor to Joseph Hilvitz, Emeigh, Pa. Curtain stretcher. 1,989,871; Feb. 5.
- Luxmore, William, Chicago, assignor of one-half to A. G. McCaleb, Evanston, Ill. Drink mixer. 1,999,542; Apr. 30.
- Luxmore, William, Chicago, assignor of one-half to A. G. McCaleb, Evanston, Ill. Razor blade sharpener. 2,008,025; July 16.
- Luxmore, William, Chicago, assignor of one-half to A. G. McCaleb, Evanston, Ill. Drink mixer. 2,018,141; Oct. 22.
- Luxmore, William, Chicago, assignor of one-half to A. G. McCaleb, Evanston, Ill. Drink mixer. 2,026,240; Dec. 31.
- Luzzi, August F., Wichita Falls, Tex. Massage device. 1,999,939; Apr. 30.
- Luzzie, Dorothy L., St. Louis, Mo. Fastening couplet. 1,995,891; Mar. 26.
- Lyddane, Mortimer C., Yonkers, assignor to Leather Products Corporation, New York, N. Y. Container structure. 2,010,923; Aug. 13.
- Lykken, Henry G., Minneapolis, Minn. Concrete surfacing devices. 1,988,660; Jan. 22.
- Lyle, Andrew E., Cambridge, Mass., assignor, by mesne assignments, to Delaware Old Colony Trust Company. Electron discharge apparatus. 1,999,300; Apr. 30.
- Lyle, George B., San Mateo, Calif. Container. 2,007,685; July 9.
- Lyle, Jesse L., Danville, Va. Bunch builder. 2,010,193; Aug. 6.
- Lyle, Leslie, assignor of three-tenths to C. F. Farmer, Helena, Mont. Photographic printing machine. 2,025,755; Dec. 31.
- Lyman, Charles E., Jr., assignor to The Lyman Gun Sight Corporation, Middlefield, Conn. Sight. 2,011,644; Aug. 20.
- Lyman Gun Sight Corp., The. (See Kuhn, Frederick A., assignor.)
- Lyman Gun Sight Corporation. (See Lyman, Charles E., Jr., assignor.)
- Lyman, Harold T., Jr., Schenectady, N. Y., assignor to General Electric Company. Uniform impedance filter. 1,998,325; Apr. 16.
- Lyman, Kenneth E., Rockford, Ill. Automatic clutch. 2,001,931; May 21.
- Lyman, Kenneth E., Rockford, Ill. Automatic clutch. 2,023,690; Dec. 10.
- Lyman, Kenneth E., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Radiating type oil pan for internal combustion engines. 1,991,618; Feb. 19.
- Lyman, Walter H. (See Rix, E. G., and Lyman.)
- Lyman, Walter H., and P. F. Fischel, assignors to International Check Endorser Co., Chicago, Ill. Check endorser. 1,991,511; Feb. 19.
- Lyman, William H., Inc. (See Warren, Harry G., assignor.)
- Lynch Corporation. (See Bridges, Edward G., assignor.)
- Lynch Corporation. (See Miller, Edward, assignor.)
- Lynch, Eugene M. (See Blee, H. H., Breckenridge, and Lynch.)
- Lynch, George, Brooklyn, N. Y., assignor to The Kron Company, Bridgeport, Conn. Vibration absorber for indicators. 2,007,129; July 2.
- Lynch, John W. (See McArdle, M. W., and Lynch.)
- Lynch, Joseph H. (See Mortimer, Charles G., assignor.)
- Lynch, Ralph D., Los Angeles, assignor of one-half to H. J. Crawford, Venice, Calif. Check selecting apparatus. 2,008,764; July 23.
- Lynch, Theodore L., Huntington Park, H. L. Rilling, Long Beach, and H. A. Redfield, Alhambra, assignors to H. R. Staples, Los Angeles, Calif. Inclination indicating device for oil wells. 1,988,741; Jan. 22.
- Lynch, William B., Pasadena, and E. E. Frey, Los Angeles, Calif. Pencil. 2,021,657; Nov. 19.
- Lynde, Elwyn B., Middleboro, Mass. Flexible valve member. 1,992,495; Feb. 26.
- Lyng, Toris H. (See MacCallum, J. R., and Lyng.)
- Lyngner, Erik S., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Sprayer. 2,003,087; May 28.
- Lynn, Harry H. (See Mosler, E. H., and Lynn.)
- Lynn, John P., assignor to Dur-O-Lite Pencil Company, Sycamore, Ill. Pencil. 1,997,424; Apr. 9.
- Lynton-Brooke Company Limited. (See Harries, Arthur W., assignor.)
- Lyon Cover Company. (See Fergusson, Arthur P., assignor.)
- Lyon Cover Company. (See Short, Bladen M., assignor.)
- Lyon, Etta R. (See Russell, W. E., and Lyon.)
- Lyon, Frank S. (See Fish, Gilbert D., assignor.)
- Lyon, George A., Allenhurst, N. J. Ornamental wheel disk. 2,016,251; Oct. 1.
- Lyon, George A., Allenhurst, assignor to Lyon, Incorporated, Asbury Park, N. J. Corrugated push down tire cover. 1,986,834; Jan. 8.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Tire cover construction. 1,997,180; Apr. 9.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Cover for spare tires of automobiles. 2,000,290; May 7.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Unitary tire cover. 2,001,967; May 21.
- Lyon, George A., Allenhurst, assignor to Lyon, Incorporated, Asbury Park, N. J. Shove down molded tire cover. 2,001,968; May 21.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. One piece arcuate tire cover. 2,001,969; May 21.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Cover for spare tires of automobiles. 2,002,784; May 28.
- Lyon, George A., Allenhurst, assignor to Lyon, Incorporated, Asbury Park, N. J. Tire cover construction. 2,010,098; Aug. 6.
- Lyon, George A., Allenhurst, N. J., assignor to Lyon Incorporated, Asbury Park, N. J. Tire cover side plate. 2,010,099; Aug. 6.

- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Tire cover construction. 2,014,654; Sept. 17.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Tire cover. 2,014,655. Sept. 17.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Tire cover. 2,014,656; Sept. 17.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Tire cover construction. 2,019,714; Nov. 5.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Multisection tire cover. 2,019,715; Nov. 5.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Double section tire cover. 2,019,716; Nov. 5.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Tire cover construction. 2,019,986; Nov. 5.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Tire cover. 2,019,987; Nov. 5.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Tire cover. 2,019,988; Nov. 5.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Molding. 2,022,119; Nov. 26.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Beaded tire cover construction. 2,022,120; Nov. 26.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Tire cover. 2,022,121; Nov. 26.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Tire cover. 2,022,122; Nov. 26.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Beaded tire cover. 2,022,123; Nov. 26.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Tire cover. 2,022,124; Nov. 26.
- Lyon, George A., Allenhurst, N. J., assignor to Lyon Incorporated. Beading for tire covers and applying same. 2,022,125; Nov. 26.
- Lyon, George A., Allenhurst, N. J., assignor to Lyon Incorporated, Detroit, Mich. Beaded tire cover. 2,022,126; Nov. 26.
- Lyon, George A., Allenhurst, N. J., assignor to Lyon Incorporated, Detroit, Mich. Beaded tire cover. 2,022,127; Nov. 26.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Tire covering and holding device. 2,022,132; Nov. 26.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Cover for spare tires of automobiles. 2,015,944; Oct. 1.
- Lyon, George A., Detroit, Mich. Ornamental band. 2,021,369; Nov. 19.
- Lyon, George A., Detroit, Mich. Making ornamental members. 2,021,693; Nov. 19.
- Lyon, George A., assignor to Lyon Incorporated, Detroit, Mich. Spare tire cover. 1,986,153; Jan. 1.
- Lyon, George A., assignor to Lyon Incorporated, Detroit, Mich. Shove down spare tire and wheel cover. 1,991,327; Feb. 12.
- Lyon, George A., Detroit, Mich., assignor to Lyon Incorporated. Spare wheel assembly. 1,992,671; Feb. 26.
- Lyon, George A., Detroit, assignor to Lyon Incorporated, Detroit, Mich. Spare tire cover. 2,021,892; Nov. 26.
- Lyon, George A., assignor to Lyon Incorporated, Detroit, Mich. Ornamental member for wheels. 2,022,128; Nov. 26.
- Lyon, George A., assignor to Lyon Incorporated, Detroit, Mich. Tire cover. 2,022,129; Nov. 26.
- Lyon, George A., assignor to Lyon Incorporated, Detroit, Mich. Spare tire cover. 2,022,130; Nov. 26.
- Lyon, George A., Detroit, Mich., assignor to Lyon Incorporated, Asbury Park, N. J. Combination fender well tire holding and covering means. 2,022,131; Nov. 26.
- Lyon, George A., assignor to Lyon Incorporated, Asbury Park, N. J. Combination tire cover and hub cap. 1,991,326; Feb. 12.
- Lyon, George A., assignor to Lyon Incorporated, Asbury Park, N. J. Tire cover. 1,995,392; Mar. 26.
- Lyon, Hancel M. (See Rice, W. H., and Lyon)
- Lyon, Harry, Holbrook, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Splitting machine. 1,994,584; Mar. 19.
- Lyon Incorporated. (See Burnett, Frederick C., assignor.)
- Lyon Incorporated. (See Hansen, F. D., and Tinker, assignors.)
- Lyon Incorporated. (See Hartel, Herman, assignor.)
- Lyon Incorporated. (See Lyon, George A., assignor.)
- Lyon Incorporated. (See Tinker, Herbert W., assignor.)
- Lyon, Leland H., New Rochelle, N. Y. Building construction. 2,019,230; Oct. 29.
- Lyon Manufacturing Corporation. (See Seiden, Henry W. and H. L., assignors.)
- Lyon Metal Products, Incorporated. (See Bales, James E., assignor.)
- Lyon, Stacy T. (See Howe, H. D. and Lyon.)
- Lyon, William B., Cleveland, Ohio, assignor of one-half to L. E. White. Car coupling. 2,013,519; Sept. 3.
- Lyon, William E., San Diego, Calif. Air conditioning and ventilating means for brooders. 1,997,181; Apr. 9.
- Lyons, Arthur C., Pennside, assignor to Reading Hardware Corporation, Reading, Pa. Hinge construction. 2,000,856; May 7.
- Lyons, Arthur G., Pennside, and W. S. Diehl, Shillington, assignors, by mesne assignments, to The Dent Hardware Company, Fullerton, Pa. Lock mechanism. 2,001,329; May 14.
- Lyons, Claude R., Los Angeles, Calif. Electrical booster. 2,024,531; Dec. 17.
- Lyons, Ellis C., Multnomah County, Oreg. Assembler mechanism for type setting machines. 1,989,143; Jan. 29.
- Lyons, Frank H., assignor to E. L. Bruce Company, Memphis, Tenn. Impregnating wood and the like. 1,991,811; Feb. 19.
- Lyons, Thomas A., Pittsburgh, Pa. Flushing valve. 1,992,381; Feb. 26.
- Lyons, Thomas A., Pittsburgh, Pa. Flushing tank. 2,004,504; June 11.
- Lysholm, Alf, Stockholm, Sweden, assignor to Aktiebolaget Milo. Gas turbine system. 1,988,456; Jan. 22.
- Lysholm, Alf, assignor to Aktiebolaget Ljungströms Angturbin, Stockholm, Sweden. Steam inlet for radial flow turbines. 2,023,482; Dec. 10.
- Lysholm, Alf, assignor to Aktiebolaget Ljungströms Angturbin, Stockholm, Sweden. Heat transfer. 2,023,965; Dec. 10.
- Lyss, Eric, and A. F. Treviño, Pasadena, Calif. Arch support. 1,999,507; Apr. 30.
- Lyss, Eric, Pasadena, assignor of one-third to W. R. Litzenberg, Los Angeles, Calif. Revolving fan. 2,022,920; Dec. 3.
- Lyster, Thomas L. B. (See Hooker, P., Lyster, and Rue.)
- Lytle, Albert J., Waterloo, Iowa. Sectional commemorative tablet. 2,007,472; July 9.
- Lytle, Arthur R., Flushing, N. Y., assignor to Oxweld Acetylene Company. Filler material for welding. 2,015,859; Oct. 1.
- Lytle, William O., New Kensington, Pa., assignor to Duplate Corporation. Apparatus for making curved safety glass. 2,025,115; Dec. 24.
- Lytton, Cullen L. (See Hodge, W. B., and Lytton.)
- Lytton, Cullen L., W. A., Huffstickler, and M. R. Adams, Gastonia, N. C., assignors to Parks-Cramer Company, Fitchburg, Mass. Cleaner for textile machines. 2,011,770; Aug. 20.
- M. J. B. Company. (See Bardet, George A. and G. V., assignors.)
- M. J. B. Company. (See Burns, Wilfred E., assignor.)
- M-O Valve Company Limited, The. (See Smithells, C. J., and Treloar, assignors.)
- M. & R. Dietetic Laboratories, Inc. (See Otting, Herbert E., assignor.)
- Mag, Max, Schwamendingen, near Zurich, Switzerland. Control system and to the control of fluid operated mechanism. 2,005,867; June 25.
- Maas, Andrew J. (See Lang, E. F., and Maas.)
- Maas, Frederick J., Chicago, Ill. Copper alloy. 2,007,430; July 9.
- Maas, Frederick J., assignor of fourteen per cent to A. J. Prominski, Chicago, Ill. Nonstainable steel alloy. 1,986,208; Jan. 1.
- Maas, Frederick J., assignor of five per cent to A. W. Langkau, five per cent to A. Kokoefer, and five per cent to E. Csar, Chicago, Ill. Copper alloy for bearings. 1,986,209; Jan. 1.
- Maas, Frederick J., assignor of five per cent to A. W. Langkau, five per cent to A. Kokoefer, and five per cent to E. Csar, Chicago, Ill. Copper alloy for conducting electricity. 1,986,210; Jan. 1.
- Maas, Frederick J., assignor of five per cent to A. W. Langkau, five per cent to A. Kokoefer, and five per cent to E. Csar, Chicago, Ill. Nonstainable copper alloy. 1,986,211; Jan. 1.
- Maas, Hugo P., San Francisco, Calif. Automotive stop switch. 2,012,539; Aug. 27.
- Maatschappij tot Beheer en Exploitatie Van Octrooien. (See Sanchez-Vello, Leopoldo, assignor.)
- Maatschappij tot Beheer en Exploitatie van Octrooien. (See Sanchez-Vello, Leopoldo, assignor.)
- Mabbott, Harold C. (See Colton, R. B., and Mabbott.)
- Mabboux, Georges, Paris, France. Electrophonic filter. 1,990,044; Feb. 5.
- Mabboux, Georges, Paris, France. Process and device for the application of elastimetry, particularly of photoelastimetry. 2,014,688; Sept. 17.
- Mabee, Alexander C., Villa Park, assignor to Oakes Products Corporation, North Chicago, Ill. Automobile lock. 2,010,100; Aug. 6.
- Mabe, Arthur R., assignor to The Bristol Company, Waterbury, Conn. Control mechanism. 1,987,200; Jan. 8.
- Mable, Macia S., San Francisco, Calif. Hair waving apparatus. 2,001,915; May 21.
- Mabley, Clarence W., assignor to A. B. Dick Company, Chicago, Ill. Stencil-sheet. 1,997,594; Apr. 16.
- Mabon, Carl R., assignor to Gilman Fanfold Corporation, Limited, Niagara Falls, N. Y. Record strip control for manifold machines. 1,997,736; Apr. 16.
- Mabon, Carl R., assignor to Gilman Fanfold Corporation, Limited, Niagara Falls, N. Y. Aligner for billing machines. 1,997,737; Apr. 16.
- Mabrand Products, Inc. (See Durfey, C. H., Naylor, Bauer, and Stevens, assignors.)

- Mabry, Alfred, Lorane, Ga. Washboard. 2,018,142; Oct. 22.
- Mabry, Frank W., Charleston, Mo. Handle. 2,019,426; Oct. 29.
- Mac Ad Company. (See MacLachlan, John D., assignor.)
- Maca, Paul, assignor to Sommer & Maca Glass Machinery Corporation, Chicago, Ill. Glass replacement tool. 2,014,535; Sept. 17.
- Macallum, Alexander D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Purification of lactic acid. 2,013,104; Sept. 3.
- Macalpine, William W., East Orange, assignor to International Communications Laboratories, Inc., Newark, N. J. Transmission line network for radio receiving antennae. 2,021,734; Nov. 19.
- Macarthur, Arthur, and A. J. Hailwood, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Inhibitor. 2,006,216; June 25.
- MacArthur, Elvin D., Old Hickory, Tenn., assignor to Du Pont Rayon Company, New York, N. Y. Funnel. 1,990,556; Feb. 12.
- Maccabee, William. (See Darling, T. H., and Maccabee.)
- Maccaferri, Mario, Paris, France. Reed for saxophones, clarinets, and like wind instruments. 2,013,567; Sept. 3.
- MacCallum, Clarence, Port Washington, N. Y. Variable pitch propeller. 2,020,366; Nov. 12.
- MacCallum, James R., Sunnyside, and T. H. Lyng, Grandview, Wash. Guard for cutter bars of mowing machines and the like. 2,010,639; Aug. 6.
- Maccarone, Fred, Brooklyn, N. Y. Shoe making method. 1,988,281; Jan. 15.
- Maccarone, Fred, Brooklyn, N. Y. Shoe making method. 1,988,282; Jan. 15.
- Maccarone, Fred, Brooklyn, N. Y. Means for making shoes. 1,988,283; Jan. 15.
- Maccarone, Fred, Brooklyn, N. Y., assignor to Flitz-On Sales Corporation, Worcester, Mass. Top lift attachment. 2,006,401; July 2.
- Maccarone, Fred, Brooklyn, assignor to Del-Mac Shoe Process Corporation, New York, N. Y. Shoe making method and means therefor. 2,012,913; Aug. 27.
- Maccarone, Fred, Brooklyn, assignor to Del-Mac Shoe Process Corporation, New York, N. Y. Welt shoe and making same. 2,012,914; Aug. 27.
- Maccarone, Fred, Brooklyn, assignor to Del-Mac Shoe Process Corporation, New York, N. Y. Shoe making method. 2,012,915; Aug. 27.
- Maccarone, Fred, Brooklyn, assignor to Del-Mac Shoe Process Corporation, New York, N. Y. Shoemaking method. 2,019,459; Oct. 29.
- MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Strap seal. 1,985,742; Jan. 22.
- MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Container and method of forming rims therefor. 1,991,166; Feb. 12.
- Macchi, Aldo, Schenectady, N. Y., assignor to General Electric Company. Oil burner boiler. 1,995,185; Mar. 19.
- Macchi, Aldo, Schenectady, N. Y., assignor to General Electric Company. Combustion method and apparatus. 2,022,512; Nov. 26.
- Macchi, Aldo, Schenectady, N. Y., assignor to General Electric Company. Oil burning apparatus. 2,022,513; Nov. 26.
- MacClatchie Manufacturing Company. (See Johnson, Glenn D., assignor.)
- MacConville, Gordon, Paisley, Scotland, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Soot blower. 2,008,510; July 16.
- MacCumber, Walter S. (See Harvey, Louis B., assignor.)
- MacDonald, Ada A., Ithaca, N. Y. Combined electric stove and ironing device. 2,002,608; May 28.
- Macdonald, Alexander D., Malden, assignor to Boston Blacking & Chemical Co., Boston, Mass. Attaching rubber soles to shoes. 2,024,235; Dec. 17.
- Macdonald, Alexander D., Malden, assignor to Boston Blacking & Chemical Co., Boston, Mass. Attaching leather soles to shoes. 2,024,236; Dec. 17.
- Macdonald, Alexander D., Malden, assignor to Boston Blacking & Chemical Co., Boston, Mass. Cementing channel flaps. 2,024,237; Dec. 17.
- Macdonald, Angus S., New York, N. Y., assignor to Sneed & Company, Jersey City, N. J. Convertible bookstack. 2,005,434; June 18.
- Macdonald, Angus S., New York, N. Y., assignor to Sneed & Company, Jersey City, N. J. Library. 2,007,655; July 9.
- MacDonald, Charles A., assignor to General Chemical Company, New York, N. Y. Concentrate burner. 1,985,902; Jan. 1.
- MacDonald, Chester R. (See Forney, C. H., and MacDonald.)
- MacDonald, Clifford K., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making lasts. 2,002,580; May 28.
- MacDonald, Ernest H., Kent, Ohio. Coin collector. 1,999,940; Apr. 30.
- MacDonald, Frank J., Brookline, assignor to Hood Rubber Company, Inc., Watertown, Mass. Method and apparatus for weaving articles of curvilinear form. 1,998,815; Apr. 23.
- MacDonald, Frank J., Brookline, assignor to Hood Rubber Company, Inc., Watertown, Mass. Shoe and making the same. 2,022,967; Dec. 3.
- MacDonald, John, Hempstead, and F. Christenson, Jamaica N. Y., said MacDonald assignor to Refractory & Engineering Corporation, New York, N. Y., Combustion chamber. 2,012,171; Aug. 20.
- MacDonald, John P., Ottawa, Ontario, Canada. Stairs. 2,015,945; Oct. 1.
- Macdonald, Murdock, East Cleveland, Ohio. Ticket and ticket holder. 2,005,346; June 18.
- MacDonald, Raymore D., Western Springs, Ill., assignor to International Harvester Company. Grinding device for revolving cutters. 2,005,551; June 18.
- MacDonald, Robert A., Rye, assignor to Russell, Burdsall & Ward Bolt & Nut Company, Port Chester, N. Y. Machine for slitting the face of nuts. 2,022,864; Dec. 3.
- Macdonald, Robert, Jr. (See Harper, R. L., and Macdonald, Jr.)
- MacDonald, William A., Little Neck, N. Y., assignor to Hazeltine Corporation. Wave signaling system. 2,007,253; July 9.
- MacDonald, William A., Little Neck, N. Y., assignor to Hazeltine Corporation, Jersey City, N. Y. Radio receiving system. 2,014,086; Sept. 10.
- MacDonald, William A., Little Neck, N. Y., assignor to Hazeltine Corporation, Jersey City, N. Y. Wave signaling system. 2,022,514; Nov. 26.
- MacDonnell, A. D. (See Jones, Everett B., assignor.)
- Macdougald, William J., Providence, R. I. Locking device for milk bottles. 1,989,239; Jan. 29.
- Mace, Charles E., Denver, Colo. Toilet flushing device. 1,995,358; Mar. 26.
- MacEachen, Roderick, Morgantown, W. Va. Material gathering and loading apparatus. 1,987,261; Jan. 8.
- MacEachen, Roderick, Morgantown, W. Va. Material gathering and loading apparatus. 1,987,262; Jan. 8.
- MacEachern, David A., Spokane, Wash. Dental film pack holder. 2,014,946; Sept. 17.
- MacEwan, William R., and J. I. Villa, London, assignors to The Weaving Machines Company, Limited, London, England. Circular loom. 2,011,154; Aug. 13.
- MacFarland, Albert E., East Orange, assignor to Sirian Lamp Company, Newark, N. J. Electric lamp. 2,015,037; Sept. 17.
- MacFarland, Sam H., Evanston, Ill. Apparatus for pressing clothing. 2,005,435; June 18.
- MacFarlane, Walter C., South Gate, Calif., assignor to The Xylos Rubber Company, Akron, Ohio. Treating tacky material. 2,021,961; Nov. 26.
- Macfaren, Walter W., Los Angeles, Calif. Synchronizing mechanism for rotary flying shears. 1,994,107; Mar. 12.
- MacGlashan, William F. (See Harding, Charles K., assignor.)
- MacGovern, F., Corporation. (See Colbie, Gus L., assignor.)
- MacGrath, Harold F., Detroit, Mich., assignor to Seeger Refrigerator Company, St. Paul, Minn. Cold control for refrigerating units. 1,989,144; Jan. 29.
- MacGregor, John R., Albany, and E. E. Edwards, Oakland, assignors to Standard Oil Company of California, San Francisco, Calif. Portable heater. 2,001,068; May 14.
- MacGregor, Louis J., Allentown, Pa., assignor to Bonney Forge and Tool Works, Quoit. 1,986,937; Jan. 8.
- MacGregor R., Albany, assignor to Standard Oil Company of California, San Francisco, Calif. Gas burner. 2,001,739; May 21.
- MacGregor, Wallace F., assignor to J. I. Case Company, Racine, Wis. Division block for balers. 1,986,835; Jan. 8.
- MacGregor, Wallace F., assignor to J. I. Case Company, Racine, Wis. Corn harvesting machine. 1,999,842; Apr. 30.
- MacGregor, Wallace F., and N. R. Krause, assignors to J. I. Case Company, Racine, Wis. Power take-off shaft. 1,999,841; Apr. 30.
- Machech, Joseph. (See Krisan, Rudolph M., assignor.)
- Machinist, Harold, San Quentin, assignor of one-tenth to Margaret Slater, Berkeley, Calif. Lock. 1,989,327; Jan. 29.
- Machlet, Adolph W., Elizabeth, N. J. Casing steel articles. 1,995,314; Mar. 26.
- Machlet, Adolph W., Elizabeth, N. J. Bell retort furnace. 2,003,970; June 4.
- Machlet, Adolph W., Elizabeth, N. J. Continuous heat treating machine. 2,021,072; Nov. 12.
- Machlet, George F., Elizabeth, N. J. Regulator for heating apparatus, etc. 2,009,697; July 30.
- Macbray, James, Sr. (See Didge, Lawrence, assignor.)
- Machtames, Gerhardt J., La Grange, Ill. Hair curling device. 1,995,359; Mar. 26.
- MacIndoe, John F., Philadelphia, Pa. Lubricant control device. 2,025,396; Dec. 24.
- MacIntire, Walter H., Knoxville, Tenn., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Making magnesium hydride. 1,986,509; Jan. 1.
- MacIntire, Walter H., Knoxville, Tenn., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Making magnesium carbonate. 2,003,208; May 28.
- Macloch, Peter, Providence, R. I., assignor to Uncas Manufacturing Company. Means of mounting a character. 2,018,079; Oct. 22.
- MacIsaac, Vernon W., Montreal, Quebec, Canada. Centrifugal method and apparatus. 2,010,405; Aug. 6.
- Mack, Carl F., Philadelphia, Pa. Fabric guiding and seaming mechanism. 2,002,861; May 28.

- Mack, Edward A., Huntington, W. Va., assignor to Memco Engineering and Manufacturing Company, Inc., Long Island City, N. Y. Electrical connector. 1,986,735; Jan. 1.
- Mack, Edward A., Huntington, W. Va., assignor to Memco Engineering & Manufacturing Co., Inc., Long Island City, N. Y. Device for attaching leads to line wires. 2,016,749; Oct. 8.
- Mack, Edward A., Huntington, W. Va., assignor to Burndy Engineering Co. Inc., New York, N. Y. Service drop connector and system. 2,019,149; Oct. 29.
- Mack, Fred A., executors, et al. (See Schottenfels, Henry, assignor.)
- Mack, Fred J., Santa Barbara, Calif. Bermuda grass attachment for lawn mowers. 2,011,005; Aug. 13.
- Mack, Luther L., South Pasadena, Calif., assignor to U. S. Postal Meter Corporation. Postage meter. 2,012,670; Aug. 27.
- Mack, Perry E., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Oiling system for internal combustion engines. 1,996,817; Apr. 9.
- Mack, Perry E., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Circuit breaker. 2,006,959; July 2.
- Mack, Perry E., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Circuit breaker. 2,010,957; Aug. 13.
- Mack, Perry E., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Cylinder head and combustion chamber construction. 2,024,462; Dec. 17.
- Mack, Robert T., Trustee. (See Edelman, Philip E., as signor.)
- Mack, Walter L., Toledo, Ohio, assignor, by mesne assignments, to Aeriet Air Conditioner Company. Apparatus for heating rooms. 2,008,963; July 23.
- Mackasek, Edward, Ellwood City, Pa. Display stand. 1,991,463; Feb. 19.
- Mackay, Malcolm J., Kalamazoo, Mich., and J. D. Watson, Appleton, Wis. Fourdrinier wire rolling. 1,993,936; Mar. 12.
- Mackay, Richard, Jr., assignor to Union Special Machine Company, Chicago, Ill. Cloth plate for sewing machines. 1,998,880; Apr. 23.
- Mackensen, Otto, assignor to the firm Carl Zeiss, Jena, Germany. Engraving machine. 1,986,004; Jan. 1.
- Mackenzie, Alexander S., assignor to Anderson, Clayton & Company, Houston, Tex. Baling press. 1,996,772; Apr. 9.
- Mackenzie, Alexander S., Houston, Tex., assignor, by mesne assignments, to Elk City Cotton Oil Company. Comb or saw for cotton burr extractors. 1,987,240; Jan. 8.
- Mackenzie, Alexander S., Houston, Tex., assignor, by mesne assignments, to Elk City Cotton Oil Company. Cleaner system. 1,987,241; Jan. 8.
- Mackenzie, Alexander S., assignor to Anderson, Clayton & Company, Houston, Tex. Baling press door structure. 2,016,444; Oct. 8.
- Mackenzie, Colin M. (See Fawkes, C. E., and Mackenzie.)
- Mackenzie, Donald G., Montreal, Quebec, Canada. Motor car or like vehicle. 1,991,619; Feb. 19.
- MacKenzie, Edna H., Grosse Pointe Park, Mich., assignor to Superior Seal & Stamp Company. Iron holder. 1,994,777; Mar. 19.
- Mackenzie, Francis W., assignor to The Sheffield Machine and Tool Company, Dayton, Ohio. Visual comparator. 2,016,014; Oct. 1.
- Mackenzie, Frank P., deceased, Florence M. Webb, administratrix, assignor to Florence M. Webb, Bayonne, N. J. Method of and apparatus for piling fabric. 1,998,377; Apr. 16.
- MacKenzie, Fred L., Beverly, Mass., and B. B. Blanchard, Swampscott, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,022,776; Dec. 3.
- MacKenzie, Fred L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-supplying apparatus. 2,003,377; June 4.
- MacKenzie, James R. (See MacKenzie, William E. and J. R.)
- MacKenzie, Joseph B., Aspinwall, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Incorporated. Mechanical stoker. 2,022,994; Dec. 3.
- MacKenzie, L. R., Incorporated. (See Barnes, Joe L., as signor.)
- MacKenzie, L. R., Incorporated. (See MacKenzie, Leon R., assignor.)
- MacKenzie, Leon R., Des Moines, Iowa, assignor to L. R. MacKenzie Incorporated, Tulsa, Okla. Machine for making bituminous emulsion. 1,988,743; Jan. 22.
- MacKenzie, Neal T., assignor to General Timber Service, Inc., St. Paul, Minn. Metal bound shipping container. 1,988,323; Jan. 15.
- MacKenzie, Neal T., assignor to General Timber Service, Inc., St. Paul, Minn. Stair carriage. 2,021,457; Nov. 19.
- MacKenzie, Robert D., Chicago, Ill. Cigar and cigarette extinguisher. 1,999,245; Apr. 30.
- MacKenzie, Roy J., and L. L. Haas, assignor to Buffalo Pressed Steel Company, Buffalo, N. Y. Silencer. 1,995,071; Mar. 19.
- MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for applying adhesive to the bottoms of lasted shoes. 2,014,391; Sept. 17.
- MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating apparatus. 2,022,777; Dec. 3.
- MacKenzie, William E. and J. R., Oakland, Calif. Gas burner. 1,995,003; Mar. 19.
- Mackert, Albert A., assignor to The Westinghouse Air Brake Company, Westmerding, Pa. Angle cock device. 1,998,283; Apr. 16.
- Mackie-Henkels, Inc. (See Malisoff, William M., assignor.)
- MacKinnon, Charles, and E. W. Brewster, Plymouth, assignors to Plymouth Cordage Company, North Plymouth, Mass. Rope. 2,022,683; Dec. 3.
- Mackillican, James A., Hibbing, assignor of forty-two and one-half per cent to Ruddore Company, Minneapolis, Minn., forty-two and one-half per cent to Longyear Corporation, Marquette, Mich., and seven and one-half per cent to J. O'Brien, Minneapolis, Minn. Settling apparatus and method. 2,013,105; Sept. 3.
- MacKinnon, Arthur W., Shreveport, La. Mail covering. 1,988,908; Jan. 22.
- MacKinnon, Arthur W., Shreveport, La. Mail covering and mailing record strip. 1,988,909; Jan. 22.
- Mackintosh, Charles, Ukiah, deceased, Effie Mackintosh executrix, assignor of one-half to F. A. McDonald, San Francisco, Calif. Plant dusting machine. 2,014,392; Sept. 17.
- Mackintosh, Effie, executrix. (See Mackintosh, Charles.)
- Mackintosh, William B. (See Giesler, J. V., and Mackintosh.)
- Mackintosh, William B. (See Newell, R. E., Robertshaw, and Mackintosh.)
- Macklanburg, Louis A., Oklahoma City, Okla. Latch keeper for sash locks. 2,011,522; Aug. 13.
- Mackowski, Leon L., Bradford, Pa., assignor to Oil Well Supply Company, Dallas, Tex. Flow packer. 2,023,930; Dec. 10.
- Macksoud, Michel, St. Albans, N. Y., assignor to The Electron Corporation, East Orange, N. J. Combined amplifying and rectifying system. 2,017,910; Oct. 22.
- MacLachlan, Andrew D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Safety device for oil and fuel pipes. 1,988,600; Jan. 22.
- MacLachlan, Andrew D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber covered metal tubing. 1,994,139; Mar. 12.
- MacLachlan, David, and W. Howie, Johannesburg, Union of South Africa. Draw-off or filling connection, particularly for drums, tanks, or the like. 2,012,197; Aug. 20.
- MacLachlan, John C., assignor, by mesne assignments, to Albert P. Hunt, Chicago, Ill. Meat product from cooked meat and making the same. 2,013,859; Sept. 10.
- MacLachlan, John C. and J. M., Chicago, assignors of one-third to A. P. Hunt, Chicago, Ill. Method and apparatus for drying liquid and semi-liquid materials. 2,010,101; Aug. 6.
- MacLachlan, John D., assignor to Mac Ad Company, Kansas City, Mo. Electric motor. 1,996,023; Mar. 26.
- MacLachlan, John M. (See MacLachlan, John C. and J. M.)
- MacLang, Jean, Geneva, assignor to Coffex A.-G., Neuhausen, near Schaffhausen, Switzerland. Making caffeine-free coffee. 2,023,333; Dec. 3.
- MacLaren, Alfred W. (See Gillett, H. W., and MacLaren.)
- MacLaren, Fred B., Clifton, N. J., assignor, by mesne assignments, to Revelation Patents Holding Company. Electron device. 2,002,207; May 21.
- MacLaren, Frederick H., Calumet City, assignor to Standard Oil Company, Chicago, Ill. Sulphonic compound. 1,999,128; Apr. 23.
- MacLaren, Frederick H., Calumet City, and G. F. Bowers, assignors to Standard Oil Company, Chicago, Ill. Cylinder oil. 1,998,767; Apr. 23.
- MacLaren, James G., San Francisco, Calif. Pneumatic dispatch carrier. 2,000,400; May 7.
- MacLaren, Stanley F. M. (See Snyder, F. H., and MacLaren.)
- MacLaurin, John, Ware, Mass. Decalcomania paper. 2,007,404; July 9.
- MacLean, Allen D. (See Parker, W. H., Seibert, and MacLean.)
- MacLean, Allen D., Wilkensburg, and W. E. Parker, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Pressure regulator. 2,014,577; Sept. 17.
- MacLean, Allen D., Wilkensburg, W. H. Parker, Pittsburgh, and N. J. Seibert, Wilkensburg, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Compensating and calibrating orifice motor. 1,987,836; Jan. 15.
- MacLean, Gordon, Flushing, N. Y. Making jelly. 2,005,095; June 18.
- MacLean, John, Pueblo, Colo. Printing plate and making the same. 2,004,824; June 11.
- Maclean, Robert, assignor to Amalgamated Roofing Company, Chicago, Ill. Web surfacing apparatus. 2,011,006; Aug. 13.
- Maclean, Robert S., assignor to Mastic Asphalt Corporation, Michigan City, Ind. Building covering and manufacturing same. 2,018,216; Oct. 22.
- MacLellan, Lewis R., Quincy, Mass. Socket fixture. 1,988,627; Jan. 22.
- MacLennan, John, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming pressed sheet metal spoked wheels. 2,018,076; Oct. 22.
- MacLennan, John, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming pressed sheet metal spoked wheels. 2,018,077; Oct. 22.

- MacLennan, John, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Method of forming pressed sheet metal spoked wheels. 2,018,078; Oct. 22.
- MacLeod, Cameron, Trustee et al. (See Colby, Harold L., assignor.)
- MacLeod, Cameron, et al., trustees. (See Annin, Douglas H., assignor.)
- MacLeod, Cameron, et al., trustees. (See Belaeef, Nikolai, assignor.)
- MacLeod, Cameron, et al., trustees. (See Dahl, Edward T., assignor.)
- MacLeod, Daniel T., assignor, by mesne assignments, to Perfex Radiator Company, Milwaukee, Wis. Heater. 1,988,693; Jan. 22.
- MacLeod, Donald K., assignor to The Truscon Steel Company, Youngstown, Ohio. Silencer for windows. 2,008,329; July 16.
- MacLeod, Donald S., assignor to Olympia, Incorporated, Detroit, Mich. Skating rink floor. 2,026,052; Dec. 31.
- MacLeod, Eldon, et al., trustees. (See Annin, Douglas H., assignor.)
- MacLeod, Eldon, trustee et al. (See Annin, Douglas H., assignor.)
- MacLeod, Eldon, et al., trustees. (See Belaeef, Nikolai, assignor.)
- MacLeod, Eldon, et al., trustees. (See Dahl, Edward T., assignor.)
- MacLeod, Hugh W. (See Tait, J. H., and MacLeod.)
- MacMartin, Frank W. (See Jennings, C. S., and MacMartin.)
- MacMartin, Frank W., assignor to The Lamson Company, Syracuse, N. Y. Carrier dispatch system. 2,014,578; Sept. 17.
- MacMichael, Hugh R., El Paso, Tex., assignor to American Smelting & Refining Company, New York, N. Y. Retort clean-out machine. 2,001,881; May 21.
- MacMichael, Hugh R., El Paso, Tex., assignor to American Smelting and Refining Company, New York, N. Y. Mechanical shovel for Scotch hearths. 2,023,483; Dec. 10.
- MacMichael, Hugh R., El Paso, Tex., assignor to American Smelting and Refining Company, New York, N. Y. Apparatus for operating Scotch hearths. 2,023,484; Dec. 10.
- MacMillin, Howard F. (See Benedek, E., and MacMillin.)
- MacMullin, Robert B., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production and recovery of sodium carbamate and ammonium chloride. 2,003,378; June 4.
- MacMullin, Robert B., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of alkali metal carbonates and hydroxides and recovery of ammonium chloride. 1,992,318; Feb. 26.
- MacMullin, Robert B., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of sodium carbonate monohydrate. 2,005,868; June 25.
- MacMullin, Robert B., and G. L. Cunningham, Niagara Falls, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Converting sodium sesquicarbonate to sodium monohydrate. 1,994,892; Mar. 19.
- MacMullin, Robert B., and G. L. Cunningham, Niagara Falls, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Production of nitrogen-free alkali metal carbonates. 2,014,536; Sept. 17.
- MacMurray, Orrin, Bloomfield, N. J., assignor to B. F. Gladding & Co. Inc., South Otselle, N. Y. Method and machine for winding lines, cords and the like on cards. 1,993,970; Mar. 12.
- MacMurray, Orrin, Bloomfield, N. J., assignor to B. F. Gladding & Co. Inc., South Otselle, N. Y. Package for fishing lines and the like. 2,008,026; July 16.
- MacNab, Oscar, Chicago, Ill., and C. E. Locher, assignors to Wooster Products Inc., Wooster, Ohio. Wall trim construction. 1,989,814; Feb. 5.
- MacNair, Walter A., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound recording system. 2,018,374; Oct. 22.
- MacNaught, Malcolm S., Yonkers, N. Y., assignor to Hixon Electric Co., Boston, Mass. Container. 2,004,878; June 11.
- MacNelle, Martin B., San Francisco, Calif., assignor to Fairbanks, Morse & Co., Chicago, Ill. Making centrifugal pumps. 1,986,836; Jan. 8.
- MacOjak Company, The. (See McCarthy, Thomas J., assignor.)
- Macomic, Chester A. (See White, George H., assignor.)
- Macon, Harry C., Rutherford, N. J., assignor to Anaconda Copper Mining Company, New York, N. Y. Built-up roof. 2,007,403; July 9.
- Macourek, Jerry F., assignor to G. W. Snyder, Columbus, Ohio. Amusement apparatus. 2,005,231; June 18.
- Macoustic Engineering Company. (See White, Richard M., assignor.)
- MacPherson, Hugh D., West New Brighton, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone exchange system. 1,997,195; Apr. 9.
- MacPherson, Ross S. (See Simmons, Frank, assignor.)
- MacQuarrie, Frederick L., Pittsburgh, Calif. Tieplate. 1,997,195; Apr. 9.
- MacQueen, Donald E., Hillside, assignor to Krebs Pigment & Color Corporation, Newark, N. J. Quinone-oxime pigment. 1,993,971; Mar. 12.
- Macrae, James N., Montclair, N. J., assignor to Electrol, Incorporated, New York, N. Y. Heating apparatus. 2,021,605; Nov. 19.
- Macready, George A., Los Angeles, Calif. Method and apparatus for placer mining. 1,996,771; Apr. 9.
- Macready, John A., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,024,297; Dec. 17.
- MacRill, John R., Whittier, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Preparing wax emulsions. 2,019,758; Nov. 5.
- MaCutchan, Andrew J. (See Perryman, G. H., and MaCutchan.)
- Macy, Barnett W., Jacksonville, Fla. Electrical heating pad. 2,021,458; Nov. 19.
- Macy, Fowler E., Converse, Ind. Cap handling machine. 1,993,937; Mar. 12.
- Madabar, Inc. (See Staniford, R. H., and Roll, assignors.)
- Madan, Edward K., Maplewood, N. J., assignor to S. Slutsky, New York, N. Y. Sign element and constructing the same. 2,012,614; Aug. 27.
- Madda, Lauretta S., Cleveland, Ohio. Pail. 1,994,525; Mar. 19.
- Madden, Charles L., Minneapolis, Minn. Box car partition. 2,009,894; July 30.
- Madden, Charles L., and A. J. Hersey, Minneapolis, Minn. Convertible railway freight car. 2,009,895; July 30.
- Madden, Charles L., and A. J. Hersey, Minneapolis, Minn. Railway wheel. 2,020,424; Nov. 12.
- Madden, James P., Bethlehem, Pa., assignor to Bethlehem Steel Company. Friction clutch and the like. 1,994,141; Mar. 12.
- Madden, Louis J., Syracuse, N. Y. Electrical control system. 2,018,798; Oct. 29.
- Madden, Thomas E., Newark, N. J. Fluid dispensing device. 2,020,151; Nov. 5.
- Madden, William J., Lansdowne, Pa. Method and apparatus for cooling and conditioning air in inclosures. 1,986,978; Jan. 8.
- Madden, William J., Lansdowne, Pa. Lubricating station. 1,997,645; Apr. 16.
- Madden, William J., Lansdowne, Pa. Method and apparatus for conditioning air in railway passenger cars. 2,018,274; Oct. 22.
- Maddin, Fred V. (See Jones, Clarence M., assignor.)
- Maddock, Albert G., Detroit, Mich. Calendar. 1,999,468; Apr. 30.
- Maddox, Nona L., Fresno, Calif. Screening device for automobiles. 2,016,645; Oct. 8.
- Mader, Emil A., assignor of one-half to J. Spargo, Detroit, Mich. Louver construction. 2,009,740; July 30.
- Mader, Emil A., assignor of one-half to J. Spargo, Detroit, Mich. Louver construction. 1,996,340; Apr. 2.
- Mader, Joseph, Philadelphia, and D. R. Richie, Lansdowne, assignors to S. L. Allen & Co., Inc., Philadelphia, Pa. Sled runner. 1,991,167; Feb. 12.
- Madge, Evelyn W. (See Murphy, E. A. and Madge.)
- Madge, Evelyn W., Stockland Green, Birmingham, assignor to Dunlop Rubber Company Limited, London, England. Manufacture of rubber and similar materials. 1,991,860; Feb. 19.
- Madge, Evelyn W., Stockland Green, Birmingham, assignor to Dunlop Rubber Company Limited, London, England. Method of and apparatus for the production of goods of rubber or similar material. 2,015,530; Sept. 24.
- Madge, Evelyn W., Wylde Green, and F. J. Payne, Erdington, Birmingham, England, assignors to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Distributing divided material. 1,986,404; Jan. 1.
- Madge, Evelyn W., Wylde Green, Birmingham, and F. J. Payne, Erdington, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Manufacture of rubber. 2,007,578; July 8.
- Madge, Evelyn W., Wylde Green, Birmingham, and F. J. Payne, Erdington, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Fibrous composition and producing the same. 2,010,871; Aug. 13.
- Madge, Norman G., Providence, R. I., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Making rubber thread. 2,002,640; May 28.
- Madge, Norman G., Montclair, N. J., assignor by mesne assignments to United States Rubber Company, New York, N. Y. Golf ball. 2,004,167; June 11.
- Madigan, Joseph M., Detroit, Mich. Vehicle jack. 2,001,467; May 14.
- Madill, George J. (See Komm, P. M., Thomas, Madill, and Pearson.)
- Madina, Fred, Baltimore, Md. Cutting and assembling machine. 1,996,048; Mar. 26.
- Madinger, Gottlieb F., St. Joseph, Mo. Arch supporter. 1,992,081; Feb. 19.
- Madison, Irving M., et al. (See Adsit, F. W., and Murray, assignors.)
- Madison-Kipp Corporation. (See Korsmo, Torbjorn C., assignor.)
- Madland, Gabriel, Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door construction. 2,018,562; Oct. 22.
- Madland, Gabriel, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. House car. 2,020,425; Nov. 12.
- Madland, Thorvald, Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Sliding car door guide closure. 2,017,601; Oct. 15.

- Madlé, Alain, assignor to Erban Operating Corporation, New York, N. Y. Power transmission mechanism. 1,999,543; Apr. 30.
- Madlé, Alain, assignor to Erban Operating Corporation, New York, N. Y. Power transmission mechanism. 1,999,544; Apr. 30.
- Madlé, Alain, Bristol, Conn., assignor to E. W. Bassick, Bristol, Conn. Vehicle transmission mechanism. 2,026,283; Dec. 31.
- Madsen, Axel. (See Albertson, F. O., and Madsen.)
- Madsen Iron Works. (See Madsen, Martin, assignor.)
- Madsen Iron Works, Ltd. (See Madsen, M., Ziegler, Richardson, and Parrot, assignors.)
- Madsen, Martin, Monterey Park, Calif. Rotary drier. 1,987,242; Jan. 8.
- Madsen, Martin, assignor to Madsen Iron Works, Huntington Park, Calif. Method and apparatus for producing paving material. 1,987,243; Jan. 8.
- Madsen, Martin, A. H. Ziegler, K. A. Richardson, and H. B. Parrot, assignors to Madsen Iron Works, Ltd., Huntington Park, Calif. Automatic weighing device for paving plants. 1,997,065; Apr. 9.
- Madsen, Nels C., et al. (See Clark, Kenneth A., assignor.)
- Madsen, Olaf A., Dungan Hills, and W. S. Lienhardt, West New Brighton, N. Y. Building construction. 2,006,361; July 2.
- Madsen, Sern, Clinton, Iowa, assignor, by mesne assignments, to The Yoder-Morris Company, Cleveland, Ohio. Door operating mechanism. 1,994,142; Mar. 12.
- Madsen, Sern, assignor, by mesne assignments, to G. L. Curtis, E. J. Curtis and C. A. Armstrong, Trustees, Clinton, Iowa. Supporting and adjusting hardware for sashes and the like. 2,017,543; Oct. 15.
- Madsen, Sern, assignor, by mesne assignments, to G. L. Curtis, E. J. Curtis and C. A. Armstrong, trustees, Clinton, Iowa. Overhead opening garage door. 2,021,459; Nov. 19.
- Madsen, Tage, Goteborg, Sweden. Piston ring. 2,014,501; Sept. 17.
- Maechtien, Lawrence G. (See Pengilly, J. H., Snoke, and Maechtien.)
- Maede, Leland S., Brooklyn, N. Y. Apparatus for roasting coffee. 2,002,094; May 21.
- Maedel, Manly O., Seattle, Wash. Automatic gear shift. 1,992,957; Mar. 5.
- Magee Carpet Company, The. (See Rush, Theodore H., assignor.)
- Magee, James, Webbing Company. (See Byrem, Alva B., assignor.)
- Magee, Joseph F. (See Stinson, G., and Magee.)
- Magee, Norman H. and J. A. Patterson, Jr., Philadelphia, Pa., assignors to John M. Maris Company, Inc. Coloring etchings on glassware. 2,015,903; Oct. 1.
- Maggenti, Alberto L., San Francisco, Calif. Metallic container opening attachment for a tap or plug. 1,992,320; Feb. 26.
- Maggenti, Alberto L., assignor to Maggenti Holding Corporation, San Francisco, Calif. Dispensing tap valve. 1,992,319; Feb. 26.
- Maggenti, Alberto L., assignor to Maggenti Holding Corporation, San Francisco, Calif. Dispensing valve. 1,998,586; Apr. 23.
- Maggenti, Alberto L., assignor to Maggenti Holding Corporation, San Francisco, Calif. Dispensing cap mounting. 2,011,865; Aug. 20.
- Maggenti Holding Corporation. (See Maggenti, Alberto L., assignor.)
- Magill, Charles E., assignor to Aluminum Company of America, Pittsburgh, Pa. Metal slat for Venetian blinds. 1,989,240; Jan. 29.
- Magill, Paul L., J. W. Dunning, and I. L. Ressler, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Generation of toxic gas. 2,015,406; Sept. 24.
- Magill, Paul L. F., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Treating solids with liquid. 2,004,332; June 11.
- Magill, Wilbur S., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for adsorption. 1,989,206; Jan. 29.
- Maginnis, Alonzo H., Rochelle, Ill. Pulp molding machine. 2,000,085; May 7.
- Magna Products Corp. (See Golden, Harry, assignor.)
- Magnani, Alessandro, Casale Monferrato, Italy. Direct manufacture of fibrous cement tubes between couples of rotating cylinders. 2,004,703; June 11.
- Magnavox Company, The. (See Brennan, Joseph B., assignor.)
- Magnavox Company, The. (See Tolerton, Ray E., assignor.)
- Magner, Philip G., Wabash, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. System for controlling the turbulence of fluids. 2,017,368; Oct. 15.
- Magnesium Castings and Products Limited. (See Day, Leslie G., assignor.)
- Magnesium Development Corporation. (See Brown, R. H., and Willey, assignors.)
- Magnesium Development Corporation. (See Fischer, Edward F., assignor.)
- Magnesium Development Corporation. (See Moschel, Wilhelm, assignor.)
- Magnesium Development Corporation. (See Paine, Roy E., assignor.)
- Magnesium Development Corporation. (See Wood, Robert T., assignor.)
- Magnesium Products, Inc. (See Kemmer, Frank R., assignor.)
- Magnet-Werke G. m. b. H. (See Bing, Julius, assignor.)
- Magnetos Lucifer Société Anonyme. (See Vaucher, André, assignor.)
- Magney, Leo, Grand Forks, N. Dak. Trolley transmission for outboard motors. 2,009,628; July 30.
- Magney, Leo, assignor of forty-five per cent to L. E. Ferguson, Grand Forks, N. Dak. Valve operating mechanism. 2,017,317; Oct. 15.
- Magnier, Morris E., assignor to Ajax Hosiery Mills, Phoenixville, Pa. Effecting transfer of knitted fabric portions in full-fashioned knitting machines. 1,995,279; Mar. 19.
- Magnolia Petroleum Company. (See Zeek, Orf B., assignor.)
- Magnus, Elmer G., and T. J. Mertz, Chicago, Ill. Illustrated display calendar. 2,010,102; Aug. 6.
- Magnus, Harold, London, England, assignor to T. C. Davis, New York, N. Y. Combination cigarette and vanity case. 2,017,722; Oct. 15.
- Magnuson, A. W. (See King, George L., assignor.)
- Magnuson, Henry O., assignor to Champion Foundry & Machine Co., Chicago, Ill. Bottle closure. 2,021,259; Nov. 19.
- Magnuson, Roy M., assignor to Food Machinery Corporation, San Jose, Calif. Electric motor and pump head. 2,018,371; Oct. 22.
- Magoon, Charles A., Riverdale, Md. Illustration. 1,994,893; Mar. 19.
- Magos, John P. (See Olson, C. A., and Magos.)
- Magos, John P., and M. W. McRae, assignors to Crane Co., Chicago, Ill. Packing. 2,020,844; Nov. 12.
- Magro, Ralph, and F. G. Borger, said Magro assignor of one-fifth interest to C. E. Schlich, Jersey City, N. J. Clock. 2,019,717; Nov. 5.
- Maguire, Charles L., and G. Hadley, Mount Pleasant, Mich. Bottom hole well plug. 2,006,105; June 25.
- Magyar Ruggyantarugógyár Részvénytársaság. (See Dorogi, István, and L.)
- Mahaffey, Oliver, assignor of one-third to R. Gill, Nashville, Tenn. Smoke consumer. 2,013,921; Sept. 10.
- Mahan, John E., et al. (See King, George W., assignor.)
- Mahan, Joseph R., Toledo, Ohio, assignor to the National Superior Company, Toledo, Ohio. Bearing. 2,000,001; Apr. 30.
- Mahan, Joseph R., Fort Worth, Tex., assignor to The National-Superior Company, Toledo, Ohio. Welded structure. 2,019,460; Oct. 29.
- Mahan, Joseph R., and J. B. Picard, assignors to The National-Superior Company, Toledo, Ohio. Geared pumping power. 2,003,601; June 4.
- Mahannah, Alva, Sedgwick, Kans. Adjustable support for clamps. 2,019,789; Nov. 5.
- Mahannah, Everett A., New York, N. Y., assignor to International Paper Co. Pressure control system for wood grinders. 2,014,142; Sept. 10.
- Maher, William W., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Scoring machine. 2,019,499; Nov. 5.
- Mahla, Walter T., Lorain, and J. L. Mauthe, Elyria, Ohio, assignors to National Tube Company. Butt-welding pipe. 2,005,322; June 18.
- Mahla, Walter T., Lorain, and J. L. Mauthe, Elyria, Ohio, assignors to National Tube Company. Butt-welding pipe. 2,025,001; Dec. 17.
- Mahle, Ernst, Stuttgart, Germany. Piston. 1,986,480; Jan. 1.
- Mahler, Emil. (See Fischer, E., and Mahler.)
- Mahler, George T. (See Bunce, E. H., Lentz, and Mahler.)
- Mahler, Johann, Augsburg, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Internal combustion engine. 2,025,353; Dec. 24.
- Mahler, Josef, Nemecky Bred, Czechoslovakia. Stereoscopic apparatus. 1,992,872; Feb. 26.
- Mahn, Herbert. (See Hubert, E., Irion, and Mahn.)
- Mahn, Herbert. (See Irion, W., and Mahn.)
- Mahn, Herbert, Dessau in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Mercerizing process. 1,998,551; Apr. 23.
- Mahn, Herbert, and W. Irion, Dessau-in-Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of fibroin salt solutions. 2,006,507; July 2.
- Mahn, Herbert, H. Meyer, and H. Pfannenstiel, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Artificial products of regenerated cellulose. 2,002,822; May 28.
- Mahon, Buford M., Bradfordsville, Ky. Door adapter for rumble seat compartments. 2,024,049; Dec. 10.
- Mahon, Michael, Brooklyn, assignor to Irving Trust Company, temporary trustee for R. Hoe & Co., Inc., New York, N. Y. Cutting mechanism for rotary printing machines. 1,986,212; Jan. 1.
- Mahon, R. C., Company, The. (See Bingman, Frederick P., assignor.)
- Mahon, R. C., Company, The. (See Miller, William G., assignor.)
- Mahoney, Charles G., assignor of three-fifths to B. Couch, Sioux City, Iowa. Rodent trap. 2,022,625; Nov. 26.
- Mahoney, Daniel P., New Brighton, near Christchurch, New Zealand. Horseshoe. 1,987,263; Jan. 8.

- Mahoney, John, Lakewood, assignor to The American Laundry Machinery Company, Norwood, Ohio. Vent for cleaning systems. 2,023,534; Dec. 10.
- Mahoney, John C., Elizabeth, N. J., assignor to Alco Products, Incorporated, New York, N. Y. Vapor condenser. 2,006,681; July 2.
- Mahoney, Joseph N. (See Bucklen, H. E., and Mahoney.)
- Mahoney, Joseph N., Brooklyn, N. Y., assignor of one-half to H. E. Bucklen, Elkhart, Ind. Fluid braking system. 2,026,351; Dec. 31.
- Mahoney, Wilburt J. (See Parkinson, O. E., and Mahoney.)
- Mahood, David M. (See Davis, Arthur P., assignor.)
- Maiden Form Brassiere Co. (See Rosenthal, William, assignor.)
- Maier, Albert. (See von Soden-Fraunhofen, A. G., and Maier.)
- Maier, Albert, assignor to Zahnradfabrik Friedrichshafen, Aktiengesellschaft, Friedrichshafen, Bodensee, Germany. Freewheeling clutch. 2,001,668; May 14.
- Maier, Charles G., Berkeley, Calif., assignor to Thomas B. Swift. Apparatus for the production of hot reducing gases. 2,022,778; Dec. 3.
- Maier, Erich R. F., Bremen, Germany. Ship's form. 2,023,236; Dec. 3.
- Maierte, George, Detroit, Mich. Lock. 2,001,824; May 21.
- Maillet, Antoine A., Paris, France. Optical system having multiple foci and a single source of light. 1,986,065; Jan. 1.
- Maillet, Gaston, Saint Ouen, France. Light-sensitive organic chromic salt colloid layer and preparing same. 2,025,996; Dec. 31.
- Main, Daniel T., Westmount, Quebec, Canada, assignor to Best Weather Strip Company Limited, Hamilton, Ontario, Canada. Weatherstrip. 2,004,413; June 11.
- Main, David W., assignor to Transportation Systems, Inc., Oklahoma City, Okla. Vehicle and pilot means therefor. 2,002,901; May 28.
- Main, Frank L., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Tire rim. 2,021,240; Nov. 19.
- Mains, Gerald H., Murrysville, Pa., assignor to Westinghouse Electric & Manufacturing Company. Producing laminated material. 1,987,694; Jan. 15.
- Mains, Gerald H., Murrysville, Pa., assignor to Westinghouse Electric & Manufacturing Company. Molded product and producing the same. 1,991,056; Feb. 12.
- Maintenance Equipment Company. (See Humphries, A. G., and Bonnalie, assignors.)
- Maitland, Frank K., Hermosa Beach, assignor to J. F. Meyer, Filtridge, Calif. Game board. 2,019,150; Oct. 29.
- Maison, William G., San Francisco, Calif. Sprue former. 2,011,818; Aug. 20.
- Maiuri, Guido, Aldwych, London, assignor to Maiuri Refrigeration Patents Limited, London, England. Solidifying carbon dioxide. 1,997,151; Apr. 9.
- Maiuri, Guido, assignor to Maiuri Refrigeration Patents Limited, Aldwych, London, England. Liquor pump for absorption refrigerating machines. 1,989,520; Jan. 29.
- Maiuri, Guido, assignor to Maiuri Refrigeration Patents Limited, Aldwych, London, England. Refrigerating machine. 1,993,518; Mar. 5.
- Maiuri, Guido, London, England, assignor, by mesne assignments, to Electrolux Servel Corporation. Absorption refrigerating apparatus and method. 2,002,958; May 28.
- Maiuri, Guido, Aldwych, assignor to Maiuri Refrigeration Patents Limited, London, England. Production and storage of liquid carbon dioxide. 2,008,309; July 16.
- Maiuri, Guido, Torino, Italy, assignor to Maiuri Refrigeration Patents Limited, Aldwych, London, England. Production of solid carbon dioxide. 2,021,073; Nov. 12.
- Maiuri Refrigeration Patents Limited. (See Maiuri, Guido, assignor.)
- Majestic Company, The. (See Michael, C. D., Morgan, and Redrup, assignors.)
- Majestic Company, The. (See Triggs, Kenneth F., assignor.)
- Majestic Metal Specialties, Inc. (See Kasdan, N., and Landwehr, assignors.)
- Majewski, Joseph M., Jr., assignor to F. L. Talge, operating as Rival Manufacturing Company, Kansas City, Mo. Combined fruit press and ice crusher. 1,987,302; Jan. 8.
- Major, George C., Flint, Mich. Combined ventilator and shade. 2,012,887; Aug. 27.
- Major, Randolph T., Plainfield, assignor to Merck & Co., Inc., Rahway, N. J. Preparing para-(N-Sec-Alkylamino) phenols. 1,989,707; Feb. 5.
- Major, Randolph T., Westfield, assignor to Merck & Co., Inc., Rahway, N. J. Manufacture of certain para-N-sec-alkylamino-phenols and other substituted phenols and their salts. 2,000,034; May 7.
- Major, Randolph T., Westfield, and J. K. Cline, Rahway, assignors to Merck & Co., Inc., Rahway, N. J. Producing salts of acetyl-choline. 2,013,731; Sept. 10.
- Major, Randolph T., Westfield, and W. L. Ruich, assignors to Merck & Co., Inc., Rahway, N. J. Divinyl ether and its production. 2,021,872; Nov. 19.
- Major, William, Cicero, assignor to Oak Manufacturing Company, Chicago, Ill. Electric switch. 2,014,624; Sept. 17.
- Makareff, Vadim S., Oyster Bay, N. Y. Armor piercing projectile including method of increasing its piercing power. 2,022,137; Nov. 26.
- Makurath, Paul, Philadelphia, Pa. Lawn mower. 2,016,929; Oct. 8.
- Malafey, Herman J. (See Dodge, S. O., and Malafey.)
- Malanowski, Stanley, Tampa, Fla. Pressure solvent filter. 2,024,463; Dec. 17.
- Malat, Frank J. (See Gourley, G. T., and Malat.)
- Malcolm, James A., assignor to J. S. Neale, Chicago, Ill. Abrasive surfacing disk. 1,988,874; Jan. 22.
- Malcom, Robert, Chicago, Ill. Retaining cup for lenses and the like. 2,003,379; June 4.
- Malcom, Robert, Chicago, Ill. Goggle fastening means. 2,007,431; July 9.
- Maleev, Vladimir L., Los Angeles, Calif. Attachment to a hair clipper. 2,013,279; Sept. 3.
- Malet, Julien, and R. Armenault, Paris, assignors of one-half to Fabriques de Produits de Chimie Organique de Laire, Societe Anonyme, Issy-les-Moulineaux, France. Condensing urea with formaldehyde or the polymeric bodies thereof and the product obtained therefrom. 2,004,996; June 18.
- Malherbe, Gideon J., Martinez, assignor to Shell Development Company, San Francisco, Calif. Livestock spray. 2,023,140; Dec. 3.
- Malickson, Philip S., Bala, Pa. Reel arm for motion picture projectors. 2,005,096; June 18.
- Malinite Corporation. (See Malinovsky, Andrew, assignor.)
- Malinite Products, Inc. (See Malinovsky, A., and Bennett, assignors.)
- Malinovsky, Andrew, South Gate, and A. L. Bennett, Burbank, assignors to Malinite Products, Inc., Los Angeles, Calif. Red glaze. 2,020,559; Nov. 12.
- Malinovsky, Andrew, South Gate, assignor, by mesne assignments, to Malinite Corporation, Los Angeles, Calif. Ceramic products composed mainly of silica, magnesia, and alkalies. 2,025,762; Dec. 31.
- Mallshev, Boris, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Stabilized form of phosphorus pentoxide. 2,005,944; June 25.
- Mallsoff, William M., assignor to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil refining. 2,013,663; Sept. 10.
- Mallsoff, William M., assignor to The Atlantic Refining Company, Philadelphia, Pa. Sulphur removal from hydrocarbon oils. 2,015,080; Sept. 24.
- Mallsoff, William M., assignor, by mesne assignments, to Mackie-Henkels, Inc., Philadelphia, Pa. Stable colloidal solution of iodine. 2,022,729; Dec. 3.
- Malivert, Jules E., assignor to Societe dite L'Accessoire de Precision, Levallois Perret, France. Transparent partition. 2,023,332; Dec. 3.
- Malivert, Jules E., Levallois-Perret, France. Fuel filter. 2,007,336; July 9.
- Malkasian, George D., Longmeadow, Mass. Holding dental films. 2,021,190; Nov. 19.
- Malkin, Samuel M., assignor to Malkin-Illion Corporation, New York, N. Y. Vending machine. 2,005,097; June 18.
- Malkin-Illion Corporation. (See Malkin, Samuel M., assignor.)
- Malkovsky, Louis, Floral Park, assignor to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Machine for cutting cams. 2,008,027; July 16.
- Mall, Arthur W., Chicago, Ill. Portable grinding machine. 1,987,837; Jan. 15.
- Mall, Arthur W., Chicago, Ill. Quick detachable coupling. 2,021,241; Nov. 19.
- Mall, Edwin A., Norwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Control arrangement for tandem operation pressing machines. 2,005,043; June 18.
- Mallard, Logan L., Norfolk, Va. Climbing and diving toy. 2,013,568; Sept. 3.
- Mallay, Paul D., Larchmont, assignor to Johns-Manville Corporation, New York, N. Y. Pipe joint assembly. 1,988,694; Jan. 22.
- Mallay, Paul D., Larchmont, assignor to Johns-Manville Corporation, New York, N. Y. Load-distributing and vibration-damping article. 2,021,370; Nov. 19.
- Mallay, Paul D., Larchmont, N. Y., and H. R. Poulson, Winnetka, Ill., assignors to Johns-Manville Corporation, New York, N. Y. Fireproof container. 2,022,251; Nov. 26.
- Malleable Iron Fittings Company. (See Hammer, Thorvald F., assignor.)
- Malleable Iron Fittings Company. (See Williams, Roland G., assignor.)
- Maller, Harry, Omaha, Nebr. Piston packing. 2,006,901; July 2.
- Mallet, Charles, and H. C. Couëtoux, assignors to Etablissements Jacob Delafon Compagnie Ceramique de Pouilly-sur-Saone et Belyove, Paris, France. Sanitary appliance such as wash basins, bidets, sinks, baths and the like. 2,017,416; Oct. 15.
- Mallett, John P., Elizabeth, N. J., assignor to Charles M. Dimm, Garden City, N. Y. Making oil-gas. 2,016,170; Oct. 1.
- Mallgraf, Ferdinand, Little Neck, Long Island, N. Y. Collapsible receptacle. 2,019,231; Oct. 29.
- Mallgraf, Ferdinand, Little Neck, N. Y. Toy house. 2,020,196; Nov. 5.
- Mallina, Rudolph F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stylus feed mechanism for phonographs. 2,005,588; June 18.

- Mallina, Rudolph F., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Method of and apparatus for manipulating talking machine or phonograph records. 2,022,293; Nov. 26.
- Mallinckrodt Chemical Works. (See Westerbeck, Frederick, assignor.)
- Mallinckrodt Chemical Works. (See Whitmore, F. C., Homeyer, and Trent, assignors.)
- Mallinckrodt Chemical Works. (See Whitmore, F. C., and Trent, assignors.)
- Malling, John P., and T. W. Anderson, Kenosha, Wis., assignors to Simmons Company, New York, N. Y. Folding chair. 2,016,385; Oct. 8.
- Mallman, Adolph. (See Brotz, F. G., and Mallman.)
- Mallon, Charles, and H. Malloy, New York, N. Y. Safety bolt for window cleaners. 2,024,738; Dec. 17.
- Mallory, Bonnie L., assignor to Gadget's Inc., Cleveland, Ohio. Shock absorber. 1,990,997; Feb. 12.
- Mallory, Bonnie L., assignor to Gadget's Inc., Cleveland, Ohio. Shock absorber. 2,000,086; May 7.
- Mallory, Bonnie L., Cleveland Heights, assignor to The Cleveland Shock Absorber Company, Cleveland, Ohio. Arm shock absorber. 2,021,658; Nov. 19.
- Mallory, Bonnie L., Cleveland Heights, assignor to The Cleveland Shock Absorber Company, Cleveland, Ohio. Lubricating means for shock absorbers. 2,024,464; Dec. 17.
- Mallory, Gerald D., assignor to Wingfoot Corporation, Akron, Ohio. Cord-testing machine. 1,990,995; Feb. 12.
- Mallory Hat Company, The. (See Reynolds, Ralph K., assignor.)
- Mallory, Henry R., Rye, and S. Ruben, New Rochelle, N. Y., said Ruben assignor to said Mallory. Remote control of electrical devices. 2,002,541; May 28.
- Mallory, Marion, Detroit, Mich. Ignition circuit breaker. 2,007,338; July 9.
- Mallory, Marion, Detroit, Mich. Ignition governor. 2,009,936; July 30.
- Mallory, Marion, Detroit, Mich. Carburetor. 2,009,937; July 30.
- Mallory, Marion, Detroit, Mich. Condenser control device. 2,016,094; Oct. 1.
- Mallory, Marion, Detroit, Mich. Ignition distributor. 2,019,427; Oct. 29.
- Mallory, Marion, Detroit, Mich., assignor to The Mallory Research Company, Toledo, Ohio. Ignition timer. 1,992,383; Feb. 26.
- Mallory, Marion, Detroit, Mich., assignor to Mallory Research Company, Toledo, Ohio. Ignition coil. 1,998,378; Apr. 16.
- Mallory, Marion, Toledo, Ohio, assignor to The Mallory Research Company. Ignition timer. 1,992,382; Feb. 26.
- Mallory, Marion, Detroit, Mich., assignor to Mallory Research Company, Toledo, Ohio. Ignition governor. 1,998,379; Apr. 16.
- Mallory, Marion, Detroit, Mich., assignor to The Mallory Research Company, Toledo, Ohio. Ignition timing device. 1,999,333; Apr. 30.
- Mallory, Marion, Detroit, Mich., assignor to The Mallory Research Company, Toledo, Ohio. Carburetor. 1,999,334; Apr. 30.
- Mallory, Marion, Detroit, Mich., assignor to The Mallory Research Company, Toledo, Ohio. Carburetor. 2,007,337; July 9.
- Mallory, Marion, Detroit, Mich., assignor to The Mallory Research Company, Toledo, Ohio. Vacuum ignition control. 2,009,933; July 30.
- Mallory, Marion, Detroit, Mich., assignor to Mallory Research Company, Toledo, Ohio. Governor. 2,009,934; July 30.
- Mallory, Marion, Detroit, Mich., assignor to Mallory Research Company, Toledo, Ohio. Ignition timing governor and distributor. 2,009,935; July 30.
- Mallory, Marion, Detroit, Mich., assignor to Mallory Research Company, Toledo, Ohio. Two-stroke cycle internal combustion engine. 2,014,771; Sept. 17.
- Mallory, F. R., & Co. (See Booe, James M., assignor.)
- Mallory, F. R., & Co. (See Fruth, Hal E., assignor.)
- Mallory, F. R., & Co. (See Gwyn, Childress B., Jr.)
- Mallory, F. R., & Co. (See Weiger, Joseph A., assignor.)
- Mallory Research Company. (See Kulick, Edward L., assignor.)
- Mallory Research Company, The. (See Mallory, Marion, assignor.)
- Malloy, Frank J., Cleveland Heights, Ohio, and R. B. Thomas, Salem, Mass., assignors to General Electric Company. Method of and apparatus for sealing electric lamps and similar articles. 2,006,231; June 25.
- Malloy, Harry. (See Mallon, C., and Malloy.)
- Malm, Carl J. (See Clarke, H. T., and Malm.)
- Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Colloidizing of the mixed esters of cellulose with the alkylene halides. 2,006,362; July 2.
- Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of cellulose acetate. 2,010,822; Aug. 13.
- Malm, Carl J., and G. F. Nadeau, assignors to Eastman Kodak Company, Rochester, N. Y. Making alkoxyacetic acids. 1,987,121; Jan. 8.
- Malm, Carl J., and G. F. Nadeau, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose acetate-carbamate. 1,991,107; Feb. 12.
- Malm, Carl J., Kingsport, Tenn., and G. F. Nadeau, assignors to Eastman Kodak Company, Rochester, N. Y. Removing the catalyst from a spent liquor resulting from the esterification of cellulose in fibrous form. 1,991,108; Feb. 12.
- Malm, Carl J., and C. L. Fletcher, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of organic acid esters of cellulose. 1,992,958; Mar. 5.
- Malm, Carl J., Rochester, N. Y., and C. E. Waring, Dayton, Ohio, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose higher acyl radical lacquers. 1,997,337; Apr. 9.
- Malm, Carl J., and C. B. Fordyce, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y. Precipitation of cellulose esters. 2,000,601; May 7.
- Malm, Carl J., and C. L. Fletcher, assignors to Eastman Kodak Company, Rochester, N. Y. Fibrous esterification of cellulose. 2,000,602; May 7.
- Malm, Carl J., and C. R. Fordyce, assignors to Eastman Kodak Company, Rochester, N. Y. Treatment of cellulosic material prior to esterification. 2,000,603; May 7.
- Malm, Carl J., G. F. Nadeau, and N. F. Diesel, assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of alkoxyacetaldehydes and alkoxyacetic acids. 2,000,604; May 7.
- Malm, Carl J., and C. R. Fordyce, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of cellulose derivatives containing phosphorous. 2,008,986; July 23.
- Malm, Carl J., and C. R. Fordyce, Rochester, assignors to Eastman Kodak Company, Rochester, N. Y. Composition of enhanced affinity for dyes. 2,011,345; Aug. 13.
- Malm, Carl J., and C. L. Fletcher, assignors to Eastman Kodak Company, Rochester, N. Y. Hydrolysis of the organic acid esters of cellulose. 2,013,830; Sept. 10.
- Malm, Carl J., and C. R. Fordyce, assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of anhydrides of alkoxy fatty acids. 2,017,182; Oct. 15.
- Malm, Carl J., and C. L. Fletcher, assignors to Eastman Kodak Company, Rochester, N. Y. Fibrous esterification of cellulose. 2,019,920; Nov. 5.
- Malm, Carl J., Rochester, N. Y., and C. L. Fletcher, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Stabilizing cellulose esters. 2,019,921; Nov. 5.
- Malm, Carl J., and C. R. Fordyce, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of esters derived from dicarboxylic acids and polyhydroxy compounds. 2,023,485; Dec. 10.
- Malm, Carl J., and C. R. Fordyce, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose ester containing groups of dicarboxylic acids having heterogeneous linkages and making the same. 2,024,238; Dec. 17.
- Malm, Carl J., Rochester, N. Y., and C. L. Fletcher, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of cellulose acetate isobutyrate. 2,024,651; Dec. 17.
- Malm, Frank S. (See Gilbert, J. J., and Malm.)
- Malm, Frank S., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Machine for jointing the insulation of cable cores. 1,987,963; Jan. 15.
- Malm, Henry, New York, N. Y. Footwear. 1,988,128; Jan. 15.
- Malm, Knute P., and G. W. Black, Clairton, and W. O. Henrickson, Homestead, Pa. Insulator support. 1,998,052; Apr. 16.
- Malmquist, Adolph K., Bellingham, Wash. Canning. 2,021,665; Nov. 19.
- Malner, Frank. (See Landis, G. G., and Malner.)
- Malo, Erich. (See Stanek, E. J., and Malo.)
- Malone, Julian Y., Milwaukee, Wis. Adhesive. 1,990,996; Feb. 12.
- Malone, Lewis G. (See Shippy, L. C., and Malone.)
- Malone, William F., Paterson, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wire wound electrical device. 2,008,288; July 16.
- Maloney, Robert E. (See Allyn, L. L., and Maloney.)
- Malott, Clifton S., Jr., assignor to The American Laundry Machinery Company, Norwood, Ohio. Press control mechanism. 2,023,895; Dec. 10.
- Malowan, John E. (See Moose, J. E., and Malowan.)
- Maluss, Stanley, and I. H. Yadwin, Newark, N. J. Controlling the operation of picture and/or sound films. 2,016,506; Oct. 8.
- Mamasumi, Matsujiro, Sendai, Japan. Centrifugal cast iron pipe. 2,016,674; Oct. 8.
- Mambourg, Luke C., Lancaster, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Producing sheet glass. 2,026,186; Dec. 31.
- Mambourg, Nestor. (See Crowley, J. P., and Mambourg.)
- Mamiya, Fusajiro, Los Angeles, Calif. Stop and turn signal. 1,990,911; Feb. 12.
- Mamiya, Fusajiro, Los Angeles, Calif. Stop and turn signal. 2,005,658; June 18.
- Mammen, Wolmer L., Minneapolis, Minn. Releasable pivot joint. 1,992,708; Feb. 26.
- Mample, Adolph Z., Glen Rock, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Applying valve connections to lead sheaths. 1,998,766; Apr. 23.

- Mample, Adolph Z., Glen Rock, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Apparatus for testing integrity of lead sheathed cables. 1,999,771; Apr. 30.
- Manula, Samuel L., and J. Muhvich, Cleveland, Ohio. Checkerwork construction. 2,017,763; Oct. 15.
- Manabe, Takeo, Iriarai-Machi, Ebara-Gun, Tokyo-Fu, Japan. Concrete plant. 2,015,488; Sept. 24.
- Manaster, Ben B., Chicago, Ill. Adjustable cravat holder. 2,001,261; May 14.
- Manaster, Ben B., Chicago, Ill. Combination scarf or necktie clasp. 2,024,465; Dec. 17.
- Manbeck, Lester W., Lewistown, Pa. Safety locking device for hooks. 2,009,938; July 30.
- Manchester, Frank H., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Article of manufacture and preparation thereof. 2,021,371; Nov. 19.
- Manchester, Frank H., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Abrasive wheel. 2,024,591; Dec. 17.
- Mancini, Carlo, Stratford, Conn. Parting strip. 2,018,919; Oct. 29.
- Mancini, Niccolò, Florence, Italy. Automatic firearm. 2,016,646; Oct. 8.
- Mancini, Niccolò, Florence, Italy. Detachable feed belt for automatic firearms. 2,016,750; Oct. 8.
- Mancuso, Emanuel, Los Angeles, Calif. Combination screw driver and socket wrench tool. 2,007,432; July 9.
- Marcuso, James M. and R. E. Blagoue, Hibbing, Minn. Container and cover. 2,024,532; Dec. 17.
- Mancuso, Nicola, Poughkeepsie, N. Y. Combined stool and window chair. 1,989,872; Feb. 5.
- Mandahl, Thor F., assignor to Svenska Ackumulator Aktiebolaget Jungner, Stockholm, Sweden. Filter. 1,991,286; Feb. 12.
- Mandahl, Thor F., assignor to Svenska Ackumulator Aktiebolaget Jungner, Stockholm, Sweden. Slit filter. 2,000,490; May 7.
- Mandallan, Sabatier G., North Attleboro, Mass. Receptacle. 2,017,602; Oct. 15.
- Mandas, John. (See Debs, Hanna T., assignor.)
- Mandaville, Gurney L., Fort Pierce, Fla. Pupil distance meter. 2,012,574; Aug. 27.
- Mandel, Frank E. (See Schulz, A. E., and Phelps, assignors.)
- Mandel, Jacob. (See Scheinman, S., and Mandel.)
- Mandelbaum, J. Joseph, et al. (See Maring, Walter D., assignor.)
- Mandell, Nils J., Copper Mountain, British Columbia, Canada. Ski harness. 2,023,054; Dec. 3.
- Mandell, Alexander S., Jackson Heights, N. Y. Combination chair and bed. 2,023,605; Dec. 10.
- Mandell, Irving F., Lowell, assignor to F. W. Barkley, Winthrop, Mass. Wrapping machine. 1,987,482; Jan. 8.
- Mandi, Sigmund. (See Pfauiser, E. M., and Mandl.)
- Mandi, Sigmund, and E. M. Pfauiser, assignors to Blackhawk Mfg. Co., Milwaukee, Wis. Jack. 1,988,601; Jan. 22.
- Mandt, Oert G., assignor to The Jaeger Machine Company, Columbus, Ohio. Apparatus for building roads. 2,006,316; June 25.
- Mandusic, Mark, Crestline, assignor of one-third to J. R. Sawyer, Jr., Mansfield, Ohio. Sheet handling apparatus. 2,010,732; Aug. 6.
- Mangan, Joseph B., New Britain, Conn. Key holder. 2,008,398; July 16.
- Mangel, Wallie C., Montague, assignor to B. N. Mulford, Fountain Head, Tenn. Tire spreader. 2,007,870; July 9.
- Manger, Charles F. (See Bentley, P. A., Manger, and Wainwright.)
- Manger, Charles F. (See Deans, F. E., and Manger.)
- Manger, Paul A. (See Kuhns, A., and Manger.)
- Mangin, James, assignor to New Brunswick Electric Supply Company, New Brunswick, N. J. Electric fixture supporting and connecting device. 2,000,241; May 7.
- Mangold, Mildred P., administratrix. (See Mangold, William B.)
- Mangold, William B., deceased, Chicago, Ill.; M. P. Mangold, administratrix, assignor to The Trust Company of Chicago, as trustee. Gas burner. 1,995,934; Mar. 26.
- Manhattan Rubber Manufacturing Division of Raybestos-Manhattan, Inc., The. (See Kuzmick, Joseph N., assignor.)
- Manic, Kamenko. (See Bratich, Daniel, assignor.)
- Manitowoc Shipbuilding Corporation. (See Nickles, Edward B., assignor.)
- Mankiewicz, Joseph, Maplewood, assignor, by mesne assignments, to Lusteroid Container Company, South Orange, N. J. Machine for closing the ends of collapsible tubes. 2,010,602; Aug. 6.
- Manley, Frank N., assignor to Johnson & Johnson, New Brunswick, N. J. Method and product for selective conversion articles. 1,997,467; Apr. 9.
- Manley, Robert E., Beacon, assignor to The Texas Company, New York, N. Y. Solvent refining of hydrocarbon oil. 2,000,707; May 7.
- Manley, Robert E., Port Arthur, Tex., and W. P. Gee, Plainfield, N. J., assignors to The Texas Company, New York, N. Y. Filter-aid dewaxing hydrocarbon oils. 2,020,693; Nov. 12.
- Manly Corporation. (See Centervall, Hugo, assignor.)
- Mann, Alan M., trustees et al. (See Woodford, Lois W., assignor.)
- Mann, Allan N., trustee. (See Gardiner, J. B. W., and Mann, assignors.)
- Mann, Earl L., Reese, Mich. Perspiration absorber. 2,016,210; Oct. 1.
- Mann, Harold B. (See Freed, H. H., and Mann.)
- Mann, Harold C. (See Haskell, R. K., and Mann.)
- Mann, Harry N. (See Hills, P. N., and Mann.)
- Mann, John, Toronto, Ontario, Canada. Obstetrical forceps. 1,994,585; Mar. 19.
- Mann, John, assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Rotary pump. 2,011,936; Aug. 20.
- Mann, Ned H. (See Jones, Harry C., assignor.)
- Mann, Ralph J. (See Mellor, A., and Mann.)
- Mann, Richard L. (See Gardiner, J. B. W., and Mann.)
- Mann, Walter D. (See Bergmann, Carl A., assignor.)
- Mann, William B. W. (See Talbot, Frank A., assignor.)
- Manne, Moe, New York, N. Y. Finger ring. 2,019,053; Oct. 29.
- Mannen, Benona F., Sarnia, Ontario, Canada. Dispenser. 1,988,207; Jan. 15.
- Mannen, John E. (See Unger, J. I., and Mannen.)
- Mannes, Leopold D., and L. Godowsky, Jr., New York, N. Y. Sensitized photographic element and making same. 1,996,928; Apr. 9.
- Mannes, Leopold D., and L. Godowsky, Jr., New York, N. Y. Color photography. 1,997,493; Apr. 9.
- Mannes, Leopold D., and L. Godowsky, Jr., Rochester, N. Y. Photographic sensitive element. 2,010,459; Aug. 6.
- Mannes, Leopold D., and L. Godowsky, Jr., Rochester, N. Y. Differential treatment of color component images. 2,019,718; Nov. 5.
- Mannheimer, Manfred, Berlin-Charlottenburg, Germany. Searchlight reflector. 2,002,376; May 21.
- Manning, Bowman & Co. (See Rehm, William C., assignor.)
- Manning & Co. (See Ronan, Kenneth M., assignor.)
- Manning & Co. (See Snow, H. C., and Stone, assignors.)
- Manning, Frank J., La Grange, Ill. Apparatus for re-treading tires. 1,995,892; Mar. 26.
- Manning, Howard H., Meadville, and L. Shepherd, Girard, assignors to Champion De Arment Tool Company, Meadville, Pa. Hub puller. 1,986,588; Jan. 1.
- Manning, Joseph A., Pawtucket, R. I. Doll head. 2,013,569; Sept. 3.
- Manning, Maxwell & Moore, Inc. (See Whitcomb, Preston, assignor.)
- Manning, Minerva L. E. (See McDonald, Edward H., assignor.)
- Manning, Reginald W., Phoenix, Ariz. Container. 2,000,242; May 7.
- Mannino, Philip, Brooklyn, N. Y. Inked ribbon with uninked end. 2,020,152; Nov. 5.
- Manny, Raymond A., and J. A. Rielly, New York, N. Y. Panties. 1,993,676; Mar. 5.
- Manoogian, Leon, Los Angeles, Calif. Dry cleaning. 2,024,533; Dec. 17.
- Manor, Florian F., Oshkosh, Wis., assignor of one-third to A. B. Bechaud and one-third to A. T. Brenner, Fond du Lac, Wis. Electrical illuminating device. 2,000,491; May 7.
- Manross, Bert, Warren, Pa. Revivifier. 2,000,972; May 14.
- Manross, Bert, Warren, Pa. Collector for Fuller's earth. 2,000,971; May 14.
- Manross, Bert, Warren, Pa. Revivifying Fuller's earth. 2,000,973; May 14.
- Mansel, Charles W., Buffalo, N. Y. Centralized lubricating system. 2,012,724; Aug. 27.
- Mansel, Paul, Berlin-Charlottenburg, Germany, assignor, by mesne assignments, to Remington Rand, Inc. Machine for automatically sorting, evaluating, or accounting of perforated cards. 2,012,135; Aug. 20.
- Mansfield, James F., Garden City, N. Y. Mirror clock. 1,989,328; Jan. 29.
- Mansfield, George W., et al. (See Quisenberry, Frank R., assignor.)
- Mansfield, Newton. (See Clark, J. L., and Mansfield.)
- Mansfield, Thomas H., Fort Stockton, Tex. Valve. 2,023,765; Dec. 10.
- Mansfield, William E., Garfield Heights, Ohio. Aluminum base alloy. 1,997,494; Apr. 9.
- Mansfield, William R. (See Boughton, W. A., and Mansfield.)
- Manske, Fred A. (See McNeill, W. M., Ross and Manske.)
- Manske, Fred A., assignor to United States Gypsum Company, Chicago, Ill. Self-furring plaster board. 1,995,393; Mar. 26.
- Manske, Fred A., assignor to United States Gypsum Company, Chicago, Ill. Acoustical ceiling construction. 1,998,424; Apr. 16.
- Manske, Fred A., assignor to United States Gypsum Company, Chicago, Ill. Wall construction. 2,000,243; May 7.
- Manske, Fred A., and O. E. Gibson, assignors to United States Gypsum Company, Chicago, Ill. Wall and ceiling construction. 1,993,792; Mar. 12.
- Manske, Fred A., and O. E. Gibson, assignors to United States Gypsum Company, Chicago, Ill. Wall and ceiling construction. 2,017,911; Oct. 22.
- Manson Chemical Company. (See Manson, George J., assignor.)
- Manson, Frank G., Dayton, Ohio. Helmet. 1,996,078; Apr. 2.
- Manson, George J., Hawkesbury, Ontario, Canada, assignor to Manson Chemical Company. Rosin size and manufacturing the same. 1,990,457; Feb. 5.

- Manson, Roy C., Detroit, Mich. Button. 1,995,857; Mar. 26.
- Manuss, Frederick C. (See Ammerman, J. W., Barker, Klopfer, and Manuss.)
- Mansson, Martin. (See Havill, C. H., and Mansson.)
- Mansur, Clarence W., Malden, Mass., assignor to General Electric Company. Manufacturing nonmetallic gear wheel blanks and the like. 1,998,964; Apr. 23.
- Mansur, Clarence W., Malden, Mass., assignor to General Electric Company. Nonmetallic gear wheels. 2,000,769; May 7.
- Mantle Lamp Company of America, The. (See Davis, Cortland W., assignor.)
- Mantle Lamp Company of America, The. (See Rathburn, Emory L., assignor.)
- Mantle Lamp Company of America, The. (See Schwarz, Eugene, assignor.)
- Manton-Gaulin Manufacturing Company. (See Clark, John A., assignor.)
- Manton, James S., Oak Park, Ill. Control system. 1,986,114; Jan. 1.
- Manton, James S., Oak Park, Ill. Bicycle lock. 1,998,512; Apr. 23.
- Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Pressure regulating valve. 2,010,872; Aug. 13.
- Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Safety Lighting device. 2,011,111; Aug. 13.
- Manufacture Generale Metallurgique Société Anonyme (See Mautsch, Robert, assignor.)
- Manus, George K., Los Angeles, Calif. Garment. 1,995,004; Mar. 19.
- Manus, Jack, et al. (See Pardoll, Abraham S., assignor.)
- Manville, Charles T., Woodbury, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Fastening device. 2,017,912; Oct. 22.
- Manville, George D., Los Angeles, Calif. Game. 1,986,838; Jan. 8.
- Manville-Jenckes Corporation. (See Lockhart, George A., assignor.)
- Manville Jencke Corporation. (See Merriman, Isaac B., assignor.)
- Manville, Keith R., Highland Park, N. J., assignor to International Motor Company, New York, N. Y. Gear shifter lock. 1,998,513; Apr. 23.
- Manz, Henry A., Richmond Hill, N. Y. Cabinet. 2,019,054; Oct. 29.
- Manzel, Adolph W. F., Buffalo, and W. C. H. Pfeil, Ebenzer, assignors to Manzel Bros. Co., Buffalo, N. Y. Oil pump. 2,017,155; Oct. 15.
- Manzel Bros. Co. (See Manzel, Adolph W. F. and Pfeil, assignors.)
- Mapel, Lewis A., assignor to The Automatic Appliance Company, St. Louis, Mo. Indicating instrument. 2,020,560; Nov. 12.
- Mapes, Christian B., Omaha, Nebr. Saw sharpening machine. 1,996,163; Apr. 2.
- Mapes, Clyde W., Dayton, Ohio, assignor by mesne assignments to General Motors Corporation, Detroit, Mich. Resilient mounting. 2,004,532; June 11.
- Mapes, Daniel, Upper Montclair, N. J., assignor to Walter Kidde & Company, Inc., New York, N. Y. Release device for fluids. 2,000,708; May 7.
- Mapes, Daniel, Upper Montclair, N. J., assignor to Walter Kidde & Company, Inc., New York, N. Y. Automatic fire extinguishing system and apparatus. 2,011,368; Aug. 13.
- Mapes, Daniel, Upper Montclair, N. J., assignor to Walter Kidde & Company, Inc., New York, N. Y. Manufacture of containers for carbonic acid gas and the like, and product thereof. 2,026,133; Dec. 31.
- Mapes, Leslie A., Palisade, N. J., assignor to The Borden Company, New York, N. Y. Method and apparatus for forming and wrapping bricks of ice cream and the like. 1,986,589; Jan. 1.
- Maranville, Alger G., assignor to General Tire & Rubber Company, Akron, Ohio. Aircraft landing wheel. 2,005,626; June 18.
- Maranville, Alger G., assignor to The General Tire & Rubber Company, Akron, Ohio. Airplane landing wheel. 2,005,627; June 18.
- Maranville, Alger G., assignor to The General Tire & Rubber Company, Akron, Ohio. Vehicle wheel. 2,005,628; June 18.
- Maranville, Harvey F., assignor to The General Tire & Rubber Company, Akron, Ohio. Making pneumatic tires. 2,010,767; Aug. 6.
- Marasso, Fred, assignor to Union Machinery Company, Joliet, Ill. Dough divider. 2,007,686; July 9.
- Marathon Paper Mills Company. (See Abrams, A., Anthony, Brabender, and Braebner, assignors.)
- Marathon Paper Mills Company. (See Bergman, Renold, assignor.)
- Marathon Paper Mills Company. (See Broeren, Frank L., assignor.)
- Marathon Paper Mills Company. (See Drake, R. I., and Andrew, assignors.)
- Marathon Paper Mills Company. (See Eggebrecht, Oscar O., assignor.)
- Marathon Paper Mills Company. (See Horwitt, Paul H., assignor.)
- Marathon Paper Mills Company. (See Metternich, Benjamin H., assignor.)
- Marathon Paper Mills Company. (See Snyder, Donald A., assignor.)
- Marathon Paper Mills Company. (See Wylie, Arthur R., assignor.)
- Marbach, Edward R. (See Kissling, F. R., and Marbach.)
- Marbach, Edward R. (See Stimpson, C. A., Fuller, and Marbach.)
- Marbach, Edward R., Cleveland, Ohio. Ash receiver. 1,989,938; Feb. 5.
- Marble, James E., Passaic, N. J. Waterproof coverage and material suitable therefor. 1,991,168; Feb. 12.
- Marble, James E., Delawanna, N. J. Masonry joint. 2,016,968; Oct. 8.
- Marble, John N. (See Marshall, R. B., and Marble.)
- Marblehead Lime Company. (See McNulty, Barnard L., assignor.)
- Marbo Products Corporation. (See Kratz, Edouard M., assignor.)
- Marbo Products Corporation. (See Kratz, E. M., and Heckel, assignors.)
- Marbury, Ralph E., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Dishwasher. 2,003,003; May 28.
- Marbury, Ralph E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerant compressor. 2,019,689; Nov. 5.
- Marcalus, Nicholas, Elizabeth, N. J. Winding machine. 1,986,680; Jan. 1.
- Marcalus, Nicholas, Bloomfield, N. J. Dispensing box. 1,991,812; Feb. 19.
- Marcel, Francois R., Brooklyn, N. Y. Permanent waving device. 1,986,443; Jan. 1.
- Marcel, Francois R., Brooklyn, N. Y. Hair waving device. 2,019,151; Oct. 29.
- Marcellitti, Pasquale, assignor of one-half to Felix George, Elmwood Park, Ill. Pressing machine. 2,013,004; Sept. 3.
- Marcellus, Frederick S., Scotia, N. Y., assignor to General Electric Company. Humidity responsive device. 1,997,468; Apr. 9.
- Marcellus, Frederick S., Scotia, N. Y., assignor to General Electric Company. Humidity responsive device. 2,014,943; Sept. 17.
- Marchant Calculating Machine Company. (See Avery, Harold T., assignor.)
- Marchant Calculating Machine Company. (See Avery, H. T., and Lerch, assignors.)
- Marchant Calculating Machine Company. (See Bialik, Paul, assignor.)
- Marchant Calculating Machine Company. (See Friden, Carl M. F., assignor.)
- Marchant Calculating Machine Company. (See Friden, C. M. F., and Lerch, assignors.)
- Marchant, Herbert G., assignor to The English Card Clothing Company Limited, Huddersfield, England. Production of card clothing. 1,992,384; Feb. 26.
- Marchant, Lawrence E., assignor to National Steel Car Corporation, Limited, Hamilton, Ontario, Canada. Sleeping car ceiling. 2,004,898; June 11.
- Marchant, Lee L., Lincoln Park, Mich. Punching and riveting machine. 1,990,998; Feb. 12.
- Marchant, Pierre J., Paris, France. Variable directional mouthpiece for ejectors. 2,008,834; July 23.
- Marchant, Pierre J., Paris, France. Fire extinguishing device. 2,025,953; Dec. 31.
- Marchant, William D., Liege, Belgium, and R. N. Stewart, Kinlochmoidart, Glenfannan, Scotland. Injection apparatus for fuel for internal combustion engines. 2,017,009; Oct. 8.
- Marchesand, Louis S., Philadelphia, Pa. Doorlatch. 2,020,035; Nov. 5.
- Marchev, Alfred. (See Johnson, C. N., and Marchev.)
- Marchev, Alfred, LaGrange, Ill., assignor to Ditto Incorporated. Duplicating machine. 1,993,557; Mar. 5.
- Marchev, Alfred, LaGrange, assignor to Ditto Incorporated, Chicago, Ill. Gelatin pad for duplicators. 1,996,582; Apr. 2.
- Marchev, Alfred, LaGrange, Ill., assignor to Ditto Incorporated. Duplicator. 1,996,583; Apr. 2.
- Marchev, Alfred, LaGrange, assignor to Ditto Incorporated, Chicago, Ill. Duplicator. 2,012,105; Aug. 20.
- Marchev, Alfred, and J. W. Hernlund, LaGrange, assignors to Ditto Incorporated, Chicago, Ill. Duplicating machine. 1,993,558; Mar. 5.
- Marchev, Alfred, and J. W. Hernlund, LaGrange, assignors to Ditto Incorporated, Chicago, Ill. Duplicating machine. 1,993,559; Mar. 5.
- Marchev, Alfred, and J. W. Hernlund, LaGrange, Ill., assignors to Ditto Incorporated. Duplicating machine. 2,007,473; July 9.
- Marchev, Alfred, and J. W. Hernlund, LaGrange, assignors to Ditto Incorporated, Chicago, Ill. Duplicating machine. 2,009,972; July 30.
- Marchus, Amos S., Oakland, Calif. Tire gauge. 2,012,540; Aug. 27.
- Marchil, Raoul L., Montreal, Quebec, Canada. Nonrefillable bottle. 2,022,294; Nov. 26.
- Marckes, Charles D., Des Moines, Iowa. Method and apparatus for cleaning carpets. 1,995,513; Mar. 26.
- Marcon, René. (See Simon, L., and Marcon.)
- Marcotte, Arshall G., assignor to Noel Manufacturing Company, Inc., Kankakee, Ill. Roaster. 1,994,894; Mar. 19.
- Marcus, Benjamin, executor. (See Good, R. F., Fox, and Marcus.)

- Marcus, Charles, New York, N. Y., assignor by mesne assignments to Eclipse Aviation Corporation, East Orange, N. J. Aircraft deviation indicator. 2,005,379; June 18.
- Marcus, David A., and W. W. Ogier, Jr., Pasadena, assignor to Nu-Cell Company, Los Angeles, Calif. Apparatus for automatically forming refrigerant blocks. 1,989,873; Feb. 5.
- Marcus, David A., Los Angeles, and W. W. Ogier, Pasadena, assignors to Nu-Cell Company, Los Angeles, Calif. Apparatus for forming refrigerant blocks. 1,989,874; Feb. 5.
- Marcus, Etienne, Paris, France. Toy aeroplane. 2,003,842; June 25.
- Marcus, George. (See Good, R. F., Fox, and Marcus.)
- Marcus, Samuel, assignor, by mesne assignments, to Maragon Corporation, New York, N. Y. Apparatus for plastic molding. 2,017,216; Oct. 15.
- Marcus, Theodore, New York, N. Y. Lace. Des. 94,502; Feb. 5.
- Marcy, Willard A. (See Hart, S. T., and Marcy.)
- Marden, John W., East Orange, N. J., assignor to Westinghouse Lamp Company. Sodium vapor lamp. 2,019,613; Nov. 5.
- Marden, John W., East Orange, and G. W. Meister, Newark, N. J., assignors to Westinghouse Lamp Company. Method of exhaust. 2,013,415; Sept. 3.
- Marden, John W., and E. A. Lederer, East Orange, N. J., assignors to Westinghouse Lamp Company. Electron discharge device with indirectly heated cathode. 2,016,152; Oct. 1.
- Marden, William L., Jackson Heights, assignor to Neptune Meter Company, New York, N. Y. Fluid storage and metering system. 2,013,184; Sept. 3.
- Marden, William L., Jackson Heights, assignor to Neptune Meter Company, New York, N. Y. Liquid storage and metering system. 2,015,946; Oct. 1.
- Marden, William L., Jackson Heights, N. Y., assignor to Neptune Meter Company. Valve controlling means for liquid dispensing systems. 2,016,867; Oct. 8.
- Marsca, James V., Los Angeles, Calif., assignor to Radio-Keith-Orpheum Corp. Rerecording sound. 2,022,473; Nov. 26.
- Maret, Karel, Mahr-Ostrau, Czechoslovakia, assignor to Société de Dietrich & Cie, Reichshoffen, Bas-Rhin, France. Radiator. 1,999,246; Apr. 30.
- Margerison, Albert E., assignor to Northwood Hosiery Company, Philadelphia, Pa. Nonrun barrier for knitted stockings. 2,019,232; Oct. 29.
- Marshitan, Sam, Chicago, Ill. Multiple nut cracking machine. 2,022,356; Nov. 26.
- Margolth, Mordicha, Hawthorne, Calif. Ear protector. 1,988,011; Jan. 15.
- Margolth, Mordicha, Hawthorne, assignor to National Merchandising Company Ltd., Santa Monica, Calif. Amusement device. 2,005,692; June 18.
- Margon Corporation. (See Frisch, Arthur, assignor.)
- Margon Corporation. (See Grubman, Leo J., assignor.)
- Margon Corporation. (See Konoff, Alexander, assignor.)
- Margon Corporation. (See Marcus, Samuel, assignor.)
- Margott, J. E., Company, The. (See Hering, William C., assignor.)
- Mariani, Angelina. (See Bruno, Frank A., assignor.)
- Marians, Morris, New York, N. Y., assignor, by mesne assignments, to Roach Appleton Manufacturing Company, South Bend, Ind. Outlet box. 2,003,602; June 4.
- Marlen, Charles A., assignor to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Expansion and tensioning device for aluminum alloy pistons. 1,995,714; Mar. 26.
- Marienthal, Charles. (See Srenberg, R. A., and C. and P. Marienthal.)
- Marienthal, Paul. (See Srenberg, R. A., and C. and P. Marienthal.)
- Marienthal, Paul, Detroit, Mich. Helmet. 1,999,365; Apr. 30.
- Marine Chemicals Company. (See Farnsworth, William H., assignor.)
- Marine Chemicals Company. (See Farnsworth, W. H., and Montgomery, assignors.)
- Marling, Walter D., Brooklyn, assignor to J. Joseph Mandelbaum and D. M. McAllister, copartners, doing business as McAllister Aircraft Wing Co., Albany, N. Y. Aeroplane wing. 2,010,549; Aug. 6.
- Marling, Walter D., New York, assignor to The Fred Goat Co., Inc., Brooklyn, N. Y. Beverage cooler. 2,025,118; Dec. 24.
- Marino, Frank. (See Greco, R., Getz, and Marino.)
- Marinsky, Davis. (See Morin, L. H., and Marinsky.)
- Marion, Clarence G., Sioux Falls, S. Dak. Window operator. 2,021,260; Nov. 19.
- Marion, Frank deceased, St. Johnsbury, Vt., E. Cousens, executrix, Boston, Mass. Rotary flame spreader annular retort oil burner. 1,989,655; Jan. 29.
- Marion Steel Body Company, The. (See Ehrick, W. F., and Garverick, assignors.)
- Maris, Claude A., Indianapolis, Ind., assignor of one-half to G. P. Kimmel, Washington, D. C. Cleaning abrasive surfaces. 2,015,603; Sept. 24.
- Maris, James B., Glen Ridge, N. J. Aquarium air supply. 2,008,363; July 16.
- Maris, John M., Company. (See Magee, N. H., and Patterson, assignors.)
- Marischal, Omer M. C., St. Die, Vosges, France. Device for measuring or drawing angles and inclinations. 2,013,850; Sept. 10.
- Mark, Ovid E., San Diego, Calif. Gear shifting mechanism. 2,016,015; Oct. 1.
- Markel Electric Products, Inc. (See Logan, Charles W., assignor.)
- Markel, Lawrence L., Warren, Ohio, assignor to Chicago-Cleveland Car Roofing Co., Chicago, Ill. Lubricating device. 2,014,772; Sept. 17.
- Markem Machine Company. (See Putnam, Fred A., assignor.)
- Markem Machine Company. (See Robbins, Charles F., assignor.)
- Marken, Einar H., Minneapolis, Minn. Stem construction for inner tubes used on drop center rims. 2,022,545; Nov. 26.
- Marker, Van Nollen, Evanston, and D. McMakin, Hinsdale, assignors to Revere Electric Company, Chicago, Ill. Lamp standard and fixture. 2,025,601; Dec. 24.
- Markert, Walter, assignor to "Universelle" Cigarettenmaschinen-Fabrik, J. C. Muller & Co., Dresden, Germany. Knife mounting for machines. 2,006,106; June 25.
- Markert, Walter, assignor to "Universelle" Cigarettenmaschinen-Fabrik, J. C. Muller & Co., Dresden, Germany. Machine for cutting thin leaves. 2,006,107; June 25.
- Markey, Fred L. (See Stoeber, H., and Markey.)
- Markham, Blair W., Rochester, N. Y., and S. N. Hurt, assignors to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,013,922; Sept. 10.
- Markham, Charles M., Detroit, Mich. Beam hanger. 2,003,635; June 4.
- Markley, George E., Cleveland Heights, Ohio. Apparatus for electric welding. 1,989,172; Jan. 29.
- Markowitz, Jack, Brooklyn, assignor to Josef Knitted Fabrics Co., Inc., New York, N. Y. Knitted fabric construction. 2,018,275; Oct. 22.
- Markowitz, Oscar, assignor to F. W. Woolworth Co., New York, N. Y. Neckwear display card. 2,013,570; Sept. 3.
- Marks, Albert A., West Allis, Wis. Movable carriage for hay loaders. 2,011,978; Aug. 20.
- Marks, Alvin M., Brooklyn, assignor to Communication Patents, Inc., New York, N. Y. Synchronizing system. 2,005,153; June 18.
- Marks, Arthur H., New York, N. Y., assignor to Aeolian-Skinner Organ Company, Inc., Dorchester, Mass. Pipe organ. 2,004,168; June 11.
- Marks, Barnard M., Arlington, N. J., assignor to Dupont Viscoloid Company, Wilmington, Del. Aldehyde-hydrogen sulphide reaction product. 1,991,765; Feb. 19.
- Marks, Barnard M., Arlington, N. J., assignor to Dupont Viscoloid Company, Wilmington, Del. Urea-condensation resinous compositions. 2,019,354; Oct. 29.
- Marks, Charles, Philadelphia, Pa. Overnight or bathing band bag. 1,999,064; Apr. 23.
- Marks, Edward S., and C. T. Doman, assignors to Franklin Development Corporation, Syracuse, N. Y. Supercharger for internal combustion engines. 1,995,935; Mar. 26.
- Marks, Henry C. (See Schmelkes, F. C. and Marks.)
- Marks, Isidore, Boston, Mass. Table tennis racket. 1,986,154; Jan. 1.
- Marks, Mortimer, also known as Kinsberg, Mortimer M., Brooklyn, N. Y. Therapeutic lamp. 2,021,599; Nov. 19.
- Marks, Paul J., Rochester, N. Y. Photographic shutter. 2,020,036; Nov. 5.
- Markush, Eugene A., Jersey City, N. J., assignor to Pharma Chemical Corporation, New York, N. Y. Dye producing composition. 1,986,276; Jan. 1.
- Markush, Eugene A., Jersey City, N. J., assignor to Pharma Chemical Corporation, New York, N. Y. Dyeing composition. 2,005,347; June 18.
- Markush, Eugene A., Jersey City, N. J., assignor to Pharma Chemical Corporation, New York, N. Y. Polyzao dye and process for producing the same. 2,014,143; Sept. 10.
- Markwell Mfg. Co. Inc. (See Drypolder, William, assignor.)
- Markworth Ernst. (See Debauch, C. P., and Markworth.)
- Marles, Henry, assignor to Gemmer Manufacturing Company, Detroit, Mich. Automatically adjustable bushing for steering wheel stems. 1,998,728; Apr. 23.
- Marles, Henry, assignor to Gemmer Manufacturing Company, Detroit, Mich. Steering gear. 2,004,374; June 11.
- Marles, Henry, assignor to Gemmer Manufacturing Company, Detroit, Mich. Self adjustable antifriction bearing. 2,018,027; Oct. 22.
- Marlin Firearms Company. (See Ekdahl, Carl E., assignor.)
- Marlowe Devices, Inc. (See Marlowe, Harold J., assignor.)
- Marlowe, Harold J., New Rochelle, N. Y. Hobbyhorse. 1,992,127; Feb. 19.
- Marlowe, Harold J., Brooklyn, N. Y., assignor to Marlowe Devices, Inc. Device for cutting and pressing vegetables and the like. 2,003,299; June 4.
- Marmon, Howard C., and G. H. Freers, Indianapolis, Ind., said Freers assignor to said Marmon. Motor vehicle. 1,992,496; Feb. 26.
- Marmonier, Louis, Lyon, France. Aeroplane. 2,023,334; Dec. 3.
- Marowitz, Arthur, Los Angeles, Calif. Envelope and folder. 2,013,664; Sept. 10.
- Marquard, Richard J., Lincoln, Ill. Heater for closed vehicles. 1,997,003; Apr. 9.
- Marquardt Company. (See Marquardt, Reinhold W., assignor.)

- Marquardt, Reinhold W., assignor to Marquardt Company, Milwaukee, Wis. Bed bottom. 1,986,839; Jan. 8.
- Marquis, Byron. (See Myhren, A. J., and Marquis.)
- Marquis, Chester, et al. (See Teckemeyer, John F., F. W., and G. A., assignors.)
- Marr, Arthur P. (See Marr, George M. and A. P.)
- Marr, George M., New York, and A. P. Marr, Brooklyn, assignors to Air Conditioners, Inc., New York, N. Y. Air cooling and conditioning means. 1,993,013; Mar. 5.
- Marrec, Yves, Le Vesinet, and G. Armand Beauvais, Clamart, France. Radiotelegraphic receiver. 1,999,247; Apr. 30.
- Marresford, Eugene F., assignor to National Biscuit Company, New York, N. Y. Biscuit panning machine. 1,988,744; Jan. 22.
- Marriage, Ira J., Mullinville, Kans. Airship. 1,989,708; Feb. 5.
- Marrison, Warren A., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective wave transmission. 1,994,658; Mar. 19.
- Mars, William L., Buffalo, N. Y. Cleaning apparatus for boilers. 2,011,819; Aug. 20.
- Marsden, Leonard, Newton-le-Willows, assignor to T. and T. Vicars Limited, Earlestown, Newton-le-Willows, England. Stacking or arranging substantially flat articles such as biscuits. 2,005,629; June 18.
- Marsh, Alonzo K., Summit, N. J., assignor to A. Kimball Company, New York, N. Y. Pin ticket. 2,008,644; July 16.
- Marsh, Alonzo K., Summit, N. J., assignor to A. Kimball Company, New York, N. Y. Control device for machines. 2,015,947; Oct. 1.
- Marsh, Fayette E., and C. H. Andersen, Los Angeles, Calif. Article and method by which "Ben Day" tones are photographically produced. 2,019,500; Nov. 5.
- Marsh, Fayette E., and C. H. Andersen, assignors to Charles V. Price, Los Angeles, Calif. Article and method by which "Ben Day" tones are photographically produced. 2,021,191; Nov. 19.
- Marsh, Frank L. (See Best, J. C., and Marsh.)
- Marsh, Frank S. and J. H. Bagdaley, Chesterfield, England, assignors to The Chesterfield Tube Company Limited, Chesterfield, England. Portable container for compressed gases. 2,015,904; Oct. 1.
- Marsh, Hallan N. (See Clark, J. H., and Marsh.)
- Marsh, Hallan N., Huntington Park, Calif. Starter for gas engines. 2,020,732; Nov. 12.
- Marsh, Harry E., Cleveland Heights, Ohio, assignor to Marsh Wall Tile Company, a subsidiary of The Marsh Lumber Company, Dover, Ohio. Price tag molding. 2,018,528; Oct. 22.
- Marsh, Harry V., Chicago, Ill. Display stand. 1,988,695; Jan. 22.
- Marsh, Harry V., Chicago, Ill. Display dispensing device. 1,999,021; Apr. 23.
- Marsh, Harry V., Chicago, Ill. Dress shield. 2,005,232; June 18.
- Marsh, Harry, Youngstown, and R. M. Chesney, assignors to Porcelain Tile Corporation, Warren, Ohio. Tile. 2,005,380; June 18.
- Marsh, Henry R. (See Banfield, F. E., Jr., and Marsh.)
- Marsh, Howard E., Jr., Ventura, assignor of one-half to H. T. Carlton, Lompoc, Calif. Dishwashing machine. 2,021,962; Nov. 26.
- Marsh, Ira B. (See Holt, C. K., Marsh, and Merritt.)
- Marsh, Jas. P., Corporation. (See Beggs, Paul W., assignor.)
- Marsh, Julius E., Jr., High Point, N. C. Refrigerating display case. 2,009,142; July 23.
- Marsh, Morris R. (See Dirkes, R. F., and Marsh.)
- Marsh Wall Tile Company. (See Marsh, Harry E., assignor.)
- Marshall, Albert E. (See Saklatwalla, B. D., Dunn, and Marshall.)
- Marshall, Bertrand D., H. Dean, and J. Moorhead, assignors to General Motors Corporation, Detroit, Mich. Forging press. 1,996,818; Apr. 9.
- Marshall, Charles O., Jr. (See Cameron, Louis T., assignor.)
- Marshall, Clinton E., New York, N. Y. Lip stick case. 2,005,794; June 25.
- Marshall, D. B., et al. (See Silber, Tj., assignor.)
- Marshall, Donald E., Pittsburgh, and D. Silverman, Wilkesburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arc back relay. 2,008,399; July 16.
- Marshall Field & Company. (See Dufour, George H., assignor.)
- Marshall, Frank O., assignor to Pullman Car and Manufacturing Corporation, Chicago, Ill. Air conditioning for cars. 2,015,489; Sept. 24.
- Marshall, J. H. (See Taylor, Ewing H., assignor.)
- Marshall, James H., Hamlet, N. C., assignor of one-half to F. E. Campbell and one-fourth to C. C. Kirkley and N. M. Gibson, Hamlet, N. C. Hat brim protector. 2,006,245; June 25.
- Marshall, Jerry R. (See Bennett, H. T., Hopkins, and Marshall.)
- Marshall, John R. (See Fraizer, Frank L., assignor.)
- Marshall, John S., La Junta, Colo. Spraying apparatus. 2,024,938; Dec. 17.
- Marshall, Richard B., Grosse Pointe, assignor to Electromaster Inc., Detroit, Mich. Electric heater terminal construction. 2,010,958; Aug. 13.
- Marshall, Richard B., Grosse Pointe Village, and J. N. Marble, Highland Park, assignors to The Detroit Edison Company, Detroit, Mich. Heater for hotbeds. 2,014,657; Sept. 17.
- Marshall, Roy E., La Grange, assignor to The Gerrard Company, Inc., Chicago, Ill. Loading of pipe and like objects. 1,993,216; Mar. 5.
- Marshall, St. Julien R., New York, assignor, by mesne assignments to F. B. Pierce, Pelham Manor, N. Y. Concrete pile. 2,021,735; Nov. 19.
- Marshall, Sons and Company Limited. (See Dawson, Samuel H. W., assignor.)
- Marshall, William, assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle body construction. 2,019,614; Nov. 5.
- Marshall, William, assignor to Briggs Manufacturing Company, Detroit, Mich. Door construction for refrigerator cabinets. 2,020,845; Nov. 12.
- Marshall, William, assignor to Briggs Manufacturing Company, Detroit, Mich. Spring seat construction. 2,022,892; Dec. 3.
- Marshall, William A. (See Graf, J. E., and Marshall.)
- Marshall, William B., London, England. Writing ink. 2,008,620; July 16.
- Marshall, William B., assignor to Chain Belt Company, Milwaukee, Wis. Scum removing apparatus for liquids. 1,990,458; Feb. 5.
- Marshall, William E. (See Hoover, G. R., and Marshall.)
- Marshall, William H., Jr., Cleveland, Ohio. Sign flasher. 1,996,520; Apr. 2.
- Marshalltown Manufacturing Company. (See Williams, Enoch L., assignor.)
- Marsilius, Newman M., assignor, by mesne assignments, to The Bridgeport Bronze Company, Bridgeport, Conn. Milling machine. 2,017,913; Oct. 22.
- Marski, Edward A., Phoenix, Ariz. Airplane. 1,986,066; Jan. 1.
- Marsters, Ernest R., Arlington, Mass. Spotlight. 2,025,064; Dec. 24.
- Marston, John R. (See Kuzell, C. R., Marston, and Mooney.)
- Mart, Leon T., Mission Township, Johnson County, Kans. Forced draft multiple fan cooling tower. 2,003,547; June 4.
- Martel, Adelard F., San Mateo, assignor of one-half to G. W. Gates, Burlingame, Calif. Incinerator. 2,024,652; Dec. 17.
- Martel, Emile L. J., Rinxent, France. Expanding support for casting cores. 2,022,214; Nov. 26.
- Marten, Emil R., and G. F. Nolte, Springfield, assignors to The National-Superior Company, Toledo, Ohio. Dual valve mechanism for internal combustion engines. 1,998,396; Apr. 16.
- Marten, Otto, assignor of one-third to E. Levi, and one-third to H. W. Stodghill, Louisville, Ky. Toy looping wheel. 2,001,205; May 14.
- Martenet, Pierre. (See Güttinger, H., Keller, and Martenet.)
- Martens, Charles H., Bryan, Ohio. Propeller pitch adjusting mechanism. 1,994,143; Mar. 12.
- Martha Maid Manufacturing Co. (See Dichter, Samuel J., assignor.)
- Marthaler, Charles F., Erie, Pa. Collapsible insect screen. 2,014,336; Sept. 10.
- Marthinens, Mads, Michigan City, Ind., assignor to Sullivan Machinery Company. Lubricating apparatus. 2,020,263; Nov. 5.
- Marthourey, Paul P., Asnieres, assignor to Aderies de Gennevilliers, Gennevilliers, France. Alloy steel chiefly for use in the manufacture of railroad parts, rails, and the like. 2,012,765; Aug. 27.
- Marti, Fritz, La Chaux-de-Fonds, Switzerland. Shock-proof bearing, particularly for clock mechanisms. 2,015,905; Oct. 1.
- Marti, Othmar K., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rectifier protective system. 1,989,485; Jan. 29.
- Marti, Othmar K., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Motor control system. 1,999,772; Apr. 30.
- Marti, Paul, assignor to firm Schweiz, Lokomotiv- und Maschinenfabrik, Winterthur, Switzerland. Type line composing and printing machine using circulating matrices. 2,006,246; June 25.
- Martienssen, Oscar, Kiel, Germany. Marking cores in bore holes. 2,011,979; Aug. 20.
- Martienssen, Oscar, Kiel, Germany. Method of and device for differentiating between geologic strata traversed by bore holes. 2,018,080; Oct. 22.
- Martin, Arthur S., Amarillo, Tex. Internal combustion engine. 2,010,028; Aug. 6.
- Martin, Beatrice. (See Martin, William H., assignor.)
- Martin Brothers Electric Company, The. (See Martin, Wendell L., assignor.)
- Martin, Carl M., et al. (See Higginbotham, R. J., and Martin, assignors.)
- Martin, Charles E., Minneapolis, Minn. Belt fastening. 2,010,311; Aug. 6.
- Martin, Charles H., Los Angeles, Calif. Land leveler. 2,014,479; Sept. 17.
- Martin, Charles R., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic turbine. 1,990,045; Feb. 5.
- Martin, Clarence J., San Antonio, Tex. Dress reblocking apparatus. 1,989,458; Jan. 29.

- Martin, Clarence L., Hazardville, Conn. Cigarette holder. 2,005,233; June 18.
- Martin, Curtis J., Chicago, Ill., and H. J. Nimzik, Rahway, N. J., assignors to National Pneumatic Company, New York, N. Y. Shock absorber. 2,009,091; July 23.
- Martin, Douglas J., New York, N. Y. Brake. 2,018,458; Oct. 22.
- Martin, Earl L., Des Moines, Iowa. Wall construction for ventilated buildings. 1,995,514; Mar. 26.
- Martin, Edward J., Hammond, Ind., assignor to Sinclair Refining Company, New York, N. Y. Dewaxing hydrocarbon oils. 1,995,744; Mar. 26.
- Martin, Edward J., New York, N. Y. Imitation roadbed. 2,021,514; Nov. 19.
- Martin, Edwin D. (See Quinn, J., and Martin.)
- Martin, Frederick W., Bronxville, assignor to Franklin Railway Supply Company, New York, N. Y. Booster motor support. 2,021,315; Nov. 19.
- Martin, George F. N., Glasgow, Scotland, assignor to William Hollins and Company Limited, Nottingham, England. Feeler device for automatic web-replenishing mechanism in looms. 2,011,903; Aug. 20.
- Martin, George R. (See Juvinall, Orla E., assignor.)
- Martin, Harry C., assignor to The Carborundum Company, Niagara Falls, N. Y. Manufacture of abrasive paper. 1,994,283; Mar. 12.
- Martin, Harry C., Niagara Falls, N. Y., and F. A. Upper, Niagara Falls, Ontario, Canada, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive articles and manufacturing the same. 2,010,873; Aug. 13.
- Martin, Herbert E. (See Dreyfus, C., and Martin.)
- Martin, Herbert E. (See Dreyfus, C., Whitehead, and Martin.)
- Martin, J. B., Company. (See Johnson, H. D., Jr., and Sullivan, assignors.)
- Martin, James, Higher Denham, England. Construction and arrangement of aeroplane wings. 2,001,260; May 14.
- Martin, James S., Gary, Ind. Device for extracting plastic, viscous, or semi-fluid materials from flexible tubes. 2,013,471; Sept. 3.
- Martin, James V., Martindale, N. Y. Autoette. 1,989,995; Feb. 5.
- Martin, James V., Garden City, N. Y. Automobile. 2,010,368; Aug. 6.
- Martin, James V., Martindale, Garden City, N. Y. Elastic tire. 2,016,095; Oct. 1.
- Martin, Jesse C., Jr. (See Morehead, F. H., and Martin, Jr.)
- Martin, Jesse C., Jr., Los Angeles, Calif. Locomotive boiler. 1,991,904; Feb. 19.
- Martin, Jesse C., Jr., Los Angeles, Calif., assignor to Walworth Patents, Inc., Boston, Mass. Plug valve. 2,014,480; Sept. 17.
- Martin, Jesse C., Jr., Los Angeles, Calif. Apparatus for and method of improving circulation in boilers. 2,024,466; Dec. 17.
- Martin, John, Omaha, Nebr. Chuck device. 1,988,129; Jan. 15.
- Martin, John A. S. (See Jolly, E. H., and Martin.)
- Martin, John B., Taiyudong, Korea. Apparatus for recovering ore values from a solution. 2,010,239; Aug. 6.
- Martin, John E., assignor, by mesne assignments, to The Band Box Corporation, St. Louis, Mo. Cleaning method and apparatus. 2,004,375; June 11.
- Martin, John E., assignor, by mesne assignments, to The Band Box Corporation, St. Louis, Mo. Dry cleaning apparatus and method. 2,004,376; June 11.
- Martin, John F. (See Beeh, L., and Martin.)
- Martin, John F., Springfield, and L. P. Kongsted, Longmeadow, assignors to United American Bosch Corporation, Springfield, Mass. Electrical condenser. 1,993,560; Mar. 5.
- Martin, John J., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Plastic composition. 2,004,956; June 18.
- Martin, John L., Philadelphia, Pa., and M. E. Allen, Laurel Springs, N. J. Making intersecting rail structures. 2,023,277; Dec. 3.
- Martin, John M., Mulvane, and R. W. Dawson, Lawrence, Kans. Poultry roost. 2,011,866; Aug. 20.
- Martin, Joseph, New York, assignor to United States Cabinet Box Co., Brooklyn, N. Y. Edge supporting device. 2,001,882; May 21.
- Martin, Joseph L. (See Bunton, William E., assignor.)
- Martin, Laurence C., Chicago, Ill., assignor to Martin Machinery Corporation, New York, N. Y. Bookbinding machine and method. 1,988,208; Jan. 15.
- Martin, Lewis W., Lancaster, Pa. Combined carrying bag and work basket. 2,014,904; Sept. 17.
- Martin, Louis J. H., Neuilly-sur-Seine, France. Elevator for any applications. 1,991,255; Feb. 12.
- Martin, Luther E., et al. (See Higginbotham, R. J., and Martin.)
- Martin, M. Chester, et al. (See Loaring, Thomas W., assignor.)
- Martin Machinery Corporation. (See Martin, Laurence C., assignor.)
- Martin, Marie. (See Park, M., and Martin.)
- Martin, Mark H., Reading, assignor to Birdsboro Steel Foundry & Machine Company, Birdsboro, Pa. Car truck. 2,021,797; Nov. 19.
- Martin, Michael J., Armadale, Victoria, Australia. Filtration and clarification of water. 1,997,114; Apr. 9.
- Martin, Myer, Buffalo, N. Y. Furniture construction. 1,998,326; Apr. 16.
- Martin, Nicholas S., Brooklyn, N. Y. Dispensing bottle top. 2,021,562; Nov. 19.
- Martin, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Interlocking relay. 2,015,348; Sept. 24.
- Martin-Parry Corporation. (See Buquor, Adolph P., assignor.)
- Martin-Parry Corporation. (See Kraft, Edward L., assignor.)
- Martin-Parry Corporation. (See Lewis B., and Howard, assignors.)
- Martin, Perry S., Harrisonburg, Va. Brooder house. 1,995,213; Mar. 19.
- Martin, Perry S., Harrisonburg, Va. Combination feed trough and drinking fountain. 2,011,684; Aug. 20.
- Martin, Perry S., assignor to Shenandoah Manufacturing Company, Harrisonburg, Va. Hot-water-heated hover. 1,990,704; Feb. 12.
- Martin, Ray I., assignor, by mesne assignments, to The Cimatool Company, Dayton, Ohio. Machine tool. 2,015,685; Oct. 1.
- Martin, Richard H. (See Bush, A. O., and Martin.)
- Martin, Richard H., assignor to Norton Company, Worcester, Mass. Rubber bonded abrasive article. 2,022,893; Dec. 3.
- Martin, Robert P., assignor to H. Byford, Seattle, Wash. Power hammer. 2,022,546; Nov. 26.
- Martin, Russell S., Binghamton, N. Y. Extension handle for control levers. 2,023,141; Dec. 3.
- Martin & Schwartz, Inc. (See Henning, Henry Y., assignor.)
- Martin & Schwartz, Inc. (See Pleuthner, Charles, assignor.)
- Martin, Sidney G., Chicago, Ill. Concrete stove. 2,010,406; Aug. 6.
- Martin, Thomas, Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Vegetable washer. 1,999,817; Apr. 30.
- Martin, Thomas J., Ferndale, Mich. Automatic transmission. 2,025,763; Dec. 31.
- Martin, Valentine, assignor of one-half to D. Matushenko, New York, N. Y. Bracelet lock. 1,991,287; Feb. 12.
- Martin Wagon Company. (See Lewis, James W., assignor.)
- Martin, Wayne P., Anoka, Minn. Grinding mill. 2,004,704; June 11.
- Martin, Wendell L., Cleveland, Ohio. Drier. 1,993,244; Mar. 5.
- Martin, Wendell L., assignor to The Martin Brothers Electric Company, Cleveland, Ohio. Drier. 1,991,950; Feb. 19.
- Martin, Wendell L., assignor to The Martin Brothers Electric Company, Cleveland, Ohio. Drying apparatus. 1,994,039; Mar. 12.
- Martin, Wendell L., assignor to The Martin Brothers Electric Company, Cleveland, Ohio. Drier. 2,014,185; Sept. 10.
- Martin, Wendell L., assignor to The Martin Brothers Electric Company, Cleveland, Ohio. Drier. 2,016,096; Oct. 1.
- Martin, Wendell L., assignor to The Martin Brothers Electric Company, Cleveland, Ohio. Drier. 2,025,172; Dec. 24.
- Martin, Wesley G., assignor to A. O. Smith Corporation, Milwaukee, Wis. Enameling. 2,004,632; June 11.
- Martin, Wilhelm, assignor of one-half to Press-und Walzwerk Aktiengesellschaft, Dusseldorf-Reisholz, Germany, and one-half to Wellman Seaver Rolling Mill Company, Limited, London, England. Drawing bench. 1,992,082; Feb. 19.
- Martin, Rodney W., Dayton, Ohio. Game table. 2,008,078; July 16.
- Martin, Samuel M., Jr., Pittsburgh, and W. A. Gruse, Wilkensburg, assignors to Gulf Refining Company, Pittsburgh, Pa. Removing gum and gum forming constituents from cracked petroleum distillates. 2,002,902; May 28.
- Martin, William A., assignor to H. E. Vaughan, Dallas, Tex. Attachment for plows and the like. 1,989,521; Jan. 29.
- Martin, William H., Chappagua, N. Y., assignor to American Telephone and Telegraph Company. Telephone repeater. 1,997,223; Apr. 9.
- Martin, William H., assignor to Beatrice Martin, Ottawa, Kans. Swinging sign support. 2,004,819; June 11.
- Martin, William J., Buffalo, N. Y. Elevator safety device. 2,008,721; July 23.
- Martin, William P., Stickney, assignor of one-quarter to Joseph Lustfield, Cicero, Ill. Package opener. 2,004,377; June 11.
- Martin, William S., Rochester, N. Y. Serving utensil. 2,003,895; June 4.
- Martinage, Léon, Paris, France. Endless track vehicle. 2,023,737; Dec. 10.
- Martindell, Milton H., assignor to Jos. Stokes Rubber Co., Trenton, N. J. Storage battery separator. 2,007,093; July 2.
- Martindell, Milton H., assignor to Jos. Stokes Rubber Company, Trenton, N. J. Molding apparatus. 2,015,647; Sept. 24.
- Martinek, Edward A., Minneapolis, Minn. Drier for photographic prints. 1,994,284; Mar. 12.

- Martinek, Frederick, New York, N. Y. Doorknob fastener. 1,988,130; Jan. 15.
- Martinello, Rudolph, assignor to Radio Steel & Mfg. Co., Chicago, Ill. Bolster construction. 2,015,948; Oct. 1.
- Martinez, Arcadio A., San Diego, Calif. Vehicle direction signal. 2,004,289; June 11.
- Martini-Hünke and Salzkotten Maschinen- und Apparatebau-Aktien-Gesellschaft. (See Hurlbrink, Ernst, assignor.)
- Martinson, Helen, Chicago, Ill. Collapsible protective canopy. 2,013,691; Sept. 10.
- Martinuzzi, Pio F., Richmond, England, assignor to General Motors Corporation, New York, N. Y. Change speed mechanism. 2,014,905; Sept. 17.
- Martling, Harvey B., Nashville, Tenn. Bookbinding. 2,014,973; Sept. 17.
- Martocci, Frank A., Minneapolis, Minn. Method of and apparatus for applying nuts to candy bars. 2,002,018; May 21.
- Martocello, Joseph A., Sr., Philadelphia, Pa. Ice-manufacturing system. 1,990,912; Feb. 12.
- Martocello, Joseph A., Philadelphia, Pa. Drop tube and bracket. 1,994,226; Mar. 12.
- Martorelli, Joaquin, New York, N. Y. Safety razor. 2,020,367; Nov. 12.
- Marts, Arthur H. (See Werner, C. J., Gravitt, and Marts.)
- Martus, Martin L., Woodbury, and E. H. Becker, Waterbury, Conn. Sealed cell replacement. 2,014,856; Sept. 17.
- Martus, Martin L., Woodbury, and E. H. Becker, Waterbury, Conn. Electric cell. 2,018,563; Oct. 22.
- Martus, Martin L., Woodbury, and E. H. Becker, Waterbury, Conn. Primary cell. 2,023,815; Dec. 10.
- Marty, Mathew J., and R. H. Hausse, Chicago, Ill. Automobile heater. 2,015,231; Sept. 24.
- Martyrer, Egon, Frankenthal, and F. Obenaus, Bad-Durenberg, Germany, assignors to the firm Klein, Schanzlin & Becker, Aktiengesellschaft, Frankenthal Pfalz, Germany. Hydrodynamic gear. 2,014,944; Sept. 17.
- Martyrer, Egon, Frankenthal, and F. Obenaus, Bad-Durenberg, Germany, assignors to Klein, Schanzlin & Becker Aktiengesellschaft, Frankenthal (Pfalz), Germany. Hydrodynamic gear. 2,018,616; Oct. 22.
- Marusich, Marko M., Clairton, Pa., assignor of one-half to J. Vulich, Chicago, Ill. Razor. 1,987,514; Jan. 8.
- Marvel, Alvin L., Seaford, Del., and E. E. Semon, St. Pauls, N. C. Motor vehicle chassis frame. 2,002,823; May 28.
- Marvel Carbureter Company. (See Dean, E. E., and Berry, assignors.)
- Marvel Carbureter Company. (See Firth, David, assignor.)
- Marvel Casement Screen Co. Inc. (See Rose, Jay, assignor.)
- Marvel, Harvey E., Fort Wayne, Ind. Nozzle-controlling mechanism for liquid-dispensing systems. 1,990,742; Feb. 12.
- Marvel, Harvey E., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Hose nozzle for dispensing apparatus. 1,990,741; Feb. 12.
- Marvin, John T., Cleveland, Ohio. Connector. 2,013,732; Sept. 10.
- Marvin, Orrin F., Los Angeles, Calif. Nozzle. 2,008,871; July 23.
- Marvin, W. B., Manufacturing Company, The. (See Ritter, John J., assignor.)
- Marvoli, Almar, Seattle, Wash. Baiting stool. 1,996,631; Apr. 2.
- Marx, David H., assignor to Louis Marx & Company, New York, N. Y. Roller skate and accessory therefor. 2,021,316; Nov. 19.
- Marx, Erwin, Braunschweig, Germany, assignor to General Electric Company, Schenectady, N. Y. Rectifying device. 1,992,829; Feb. 26.
- Marx, Karl, and H. Wesche, Dessau in Anhalt, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of diphenyl ether. 2,003,987; July 23.
- Marx, Karl, K. Brodersen, and M. Quaadvlieg, Dessau-in-Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sulphonated higher fatty acid ester of polyhydric alcohols and its production. 2,014,502; Sept. 17.
- Marx, Karl, H. Wesche, K. Bittner, Dessau in Anhalt, and H. Saenger, Bitterfeld, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Monoalkyl ether of aromatic polyhydroxy compounds. 2,024,534; Dec. 17.
- Marx, Karl F., Dearborn, Mich. Stereoscopic moving picture film printing machine. 2,001,280; May 14.
- Marx, Louis & Company. (See Heppner, John W. K., assignor.)
- Marx, Louis, & Company. (See Marx, David H., assignor.)
- Marx, Louis & Company. (See McKeige, Edward E., assignor.)
- Marx, Louis, New York, N. Y. Game. 2,009,698; July 30.
- Marx, Peter, Hennef-Sieg, Germany. Refining cupola furnace. 1,993,972; Mar. 12.
- Maryfield, William L., Elnora, Ind., and C. T. Pfueger, assignors to The Enterprise Manufacturing Company, Akron, Ohio. Bait casting practice device. 1,989,484; Jan. 29.
- Marzolf, George B., assignor to Farwell Ozmun Kirk & Co., St. Paul, Minn. Air conditioning apparatus. 2,002,019; May 21.
- Marzullo, Vito L., Chicago, Ill. Guitar playing device. 2,006,998; July 2.
- Masamitsu, Noriyoshi, Los Angeles, Calif. Gardening implement. 2,011,062; Aug. 13.
- Masbach, Jean E. (See Hutchison, T. A., and Masbach.)
- Mascarenhas, Varin de L. V. de A., Juiz de Fora, Brazil. Carpet made of the clippings of a knitted texture. 1,994,659; Mar. 19.
- Masceau, Emile D., Rouen, France. Articulated ankle joint for artificial feet. 1,996,874; Apr. 9.
- Maschek, Henry, Wichita Falls, Tex. Drill bit. 2,025,354; Dec. 24.
- Maschinenfabrik Augsburg Nurnberg A. G. (See Becher, Theodor, assignor.)
- Maschinenfabrik Augsburg-Nuernberg A. G. (See Breitwieser, Heinrich, assignor.)
- Maschinenfabrik Augsburg-Nurnberg A. G. (See Cicin, Paul, assignor.)
- Maschinenfabrik Augsburg-Nuernberg A. G. (See Duwe, Friedrich, assignor.)
- Maschinenfabrik Augsburg-Nurnberg A. G. (See Endres, Wilhelm, assignor.)
- Maschinenfabrik Augsburg-Nurnberg A. G. (See Hagenmüller, F., and Prechtel, assignors.)
- Maschinenfabrik Augsburg-Nurnberg A. G. (See Köpke, L., Wundenberg, Rellensmann, and Koch, assignors.)
- Maschinenfabrik Augsburg-Nurnberg A. G. (See Mahler, Johann, assignor.)
- Maschinenfabrik Augsburg-Nurnberg, A. G. (See Schlimbach, August, assignor.)
- Maschinenfabrik Esslingen. (See Günther, Otto, assignor.)
- Maschinenfabriken Augsburg-Nurnberg A. G. (See Becker, Heinrich, assignor.)
- Mascuch, Joseph J., Newark, N. J. Cylinder for internal combustion motors. 1,993,014; Mar. 5.
- Mascuch, Joseph J., Newark, N. J. Liquid tank. 2,003,808; June 4.
- Mascuch, Joseph J., Newark, N. J. Fluid conduit. 2,019,540; Nov. 5.
- Mascuch, Joseph J., Newark, N. J. Portable crimping tool. 2,020,473; Nov. 12.
- Maseng, Olav. (See Massey, H. B., and Maseng.)
- Mashburn, William O., Jr., Cincinnati, Ohio. Merchandising package. 1,986,155; Jan. 1.
- Masin, Jacob S., Anniston, Ala., assignor to Swann Research, Incorporated. Aluminum oxide abrasive and making the same. 2,000,857; May 7.
- Maskin-Och Brobyggnads Aktiebolaget. (See Degerth, John G., assignor.)
- Maskin-Och Brobyggnads Aktiebolaget. (See Mortensen, Frantz, assignor.)
- Maskrey, Alfred E. (See Johnson, W. C., and Maskrey.)
- Maslin, Albert J. See Mercereau, J. T., and Maslin.)
- Maslin, Albert J. (See Rose, H. A., and Maslin.)
- Maslin, Albert J., H. F. Fahnoe and H. E. Schaffer, Sharon, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rectifier transformer. 2,024,739; Dec. 17.
- Masnou, Maurice, Paris, France, assignor to General Electric Company. Circuits for electron discharge devices. 1,994,319; Mar. 12.
- Mason, Alfred E., assignor to Norris K. Davis, Inc., San Francisco, Calif. Mixing drum gate. 1,992,959; Mar. 5.
- Mason, Arthur J., deceased, Homewood, Ill., Continental Illinois National Bank and Trust Company of Chicago, executor. Production of phosphorus. 1,988,387; Jan. 15.
- Mason, Arthur J., deceased, Homewood, Ill.; Continental Illinois National Bank and Trust Company of Chicago, executor. Operating a reducing furnace. 1,990,296; Feb. 5.
- Mason, Arthur J., deceased, Homewood, Ill., Continental Illinois National Bank and Trust Company of Chicago, executor. Separator and method. 1,996,547; Apr. 2.
- Mason, Arthur J., West Hartford, and W. L. Tancred, assignors to The Bush Manufacturing Company, Hartford, Conn. Bending machine. 1,987,021; Jan. 8.
- Mason, Arthur J., West Hartford, and W. L. Tancred, assignors to The Bush Manufacturing Company, Hartford, Conn. Assembling and securing radiating fins on tubes. 2,023,738; Dec. 10.
- Mason, Arthur J., West Hartford, assignor to The Bush Manufacturing Company, Hartford, Conn. Radiator. 2,023,739; Dec. 10.
- Mason Box Company, The. (See Berthold, Kenneth F., assignor.)
- Mason Box Company, The. (See Holbrook, Harry R., assignor.)
- Mason Box Company, The. (See Weller, George H., assignor.)
- Mason, Charles E., Upper Darby Township, Delaware County, assignor to Novelty Electric Company, Philadelphia, Pa. Insulation stripping machine. 2,021,421; Nov. 19.
- Mason, Claude D., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Toe protector for footwear. 1,987,782; Jan. 15.
- Mason, Cyril A., Northampton, England, assignor to General Electric Company. Stethoscope. 2,001,537; May 14.

- Mason, George H., Hawthorne, N. J. Fabric treating machine. 1,995,186; Mar. 19.
- Mason, George W., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 1,987,783; Jan. 15.
- Mason, Gilmore, Yonkers, assignor of one-half to L. A. Hall, Scarsdale, N. Y. Controlling steam apparatus. 1,996,302; Apr. 2.
- Mason, Harold L., Hampstead, London, England. Labyrinth packing device. 2,018,372; Oct. 22.
- Mason, Kenneth B., Hohokus, N. J. Hardware package. 2,012,615; Aug. 27.
- Mason, Landon R., assignor to Union Oil Company of California, Los Angeles, Calif. Revetment. 1,987,150; Jan. 8.
- Mason, Landon R., assignor to Union Oil Company of California, Los Angeles, Calif. Bituminous composition for use in sea walls. 1,987,151; Jan. 8.
- Mason, Landon R., assignor to Union Oil Company of California, Los Angeles, Calif. Sea wall. 1,987,152; Jan. 8.
- Mason, Landon R., assignor to Union Oil Company of California, Los Angeles, Calif. Revetment structure. 1,993,217; Mar. 5.
- Mason, MacDonald, Crete, assignor to American Manganes Steel Company, Chicago Heights, Ill. Movable guard for swing frame grinders. 1,999,138; Apr. 23.
- Mason-Neilan Regulator Company. (See Annin, Douglas H., assignor.)
- Mason-Neilan Company. (See Belae, Nikolai.)
- Mason-Neilan-Regulator Company. (See Colby, Harold L., assignor.)
- Mason-Neilan Regulator Company. (See Dahl, Edward T.)
- Mason, Porter H., assignor to The Multistamp Co., Inc., Norfolk, Va. Guide for hand duplicators. 2,013,571; Sept. 3.
- Mason, Ralph B., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Metal deposits in oxide coatings. 1,988,012; Jan. 15.
- Mason, Silas, Company. (See Mercer, Stanley M., assignor.)
- Mason, Silas, Company. (See Parker, Laurie F., assignor.)
- Mason, Sumner R. (See Scott, W. J., and Mason.)
- Mason, Warren P. (See Bieling, C. A., and Mason.)
- Mason, William C., Albany, N. Y. Combined steam generator and oil burner. 2,024,467; Dec. 17.
- Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Composite structural unit. 1,995,264; Mar. 19.
- Masoner, William J., Chicago, Ill. Valve construction. 2,011,063; Aug. 13.
- Masoner, William J., Chicago, Ill. Adjustable external lighter. 2,011,412; Aug. 13.
- Masonite Corporation. (See Mason, William H., assignor.)
- Masonick, Joseph A., Lake Bluff, Ill. Furnace. 2,014,658; Sept. 17.
- Masonite Corporation. (See Streeter, Edwin H., assignor.)
- Massa, Robert F., New York, N. Y. Atomizer. 1,998,901; Apr. 23.
- Massachusetts Institute of Technology. (See Mueller, Hans, assignor.)
- Massachusetts Institute of Technology. (See van de Graaff, Robert J., assignor.)
- Massera, Giuseppe. (See Adamikis, Mykas.)
- Massey, A. H. (See Johnson, James W., assignor.)
- Massey, Alexander J., Los Angeles, Calif. Street signal system. 1,997,778; Apr. 16.
- Massey, Charles J., San Antonio, Tex. Razor. 1,986,510; Jan. 1.
- Massey Concrete Products Corporation. (See Alexander, Earl C., assignor.)
- Massey, Edward T., Northport, N. Y. Paper novelty. 2,016,445; Oct. 8.
- Massey-Harris Company. (See Johnston, Howard M., assignor.)
- Massey, Hemsley B., and O. Maseng, assignors to Railway and Industrial Engineering Company, Greensburg, Pa. High tension electrical switch. 2,008,139; July 16.
- Massey, John F., Ventnor, N. J. Wave motor. 2,009,939; July 30.
- Massingham, Henry R., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cable and making same. 2,004,612; June 11.
- Massoneau, Robert F. (See Allen, L. H., and Massoneau.)
- Mast, William C., Karns City, Pa., assignor to Chemical Construction Corporation, New York, N. Y. Purification of gases from decomposition of acid sludge. 2,021,372; Nov. 19.
- Masteller, Carl H., Mount Vernon, assignor to Surface Combustion Corporation, Toledo, Ohio. Apparatus for moving soaking pit covers. 2,021,866; Nov. 19.
- Masten, Ralph A., South Glen Falls, assignor to International Paper Company, New York, N. Y. Smoothness tester. 2,019,541; Nov. 5.
- Mastenbrook, Henry J., assignor to The Swartwout Company, Cleveland, Ohio. Steam trap. 2,024,774; Dec. 17.
- Master Builders Company, The. (See Scripture, Edward W., Jr., assignor.)
- Master-Craft Corporation. (See Allyn, L. L., and Maloney, assignors.)
- Master Electric Company, The. (See Larsh, Everett P., assignor.)
- Master Electric Company, The. (See Leflar, Jerome, assignor.)
- Master Electric Company, The. (See Richards, Lee M., assignor.)
- Master Filters, Inc. (See McDonald, Dan, assignor.)
- Matejick, Vincent, assignor to Blizzard Manufacturing Company, Canton, Ohio. Cutter mill. 2,026,426; Dec. 31.
- Mastercraft Leather Goods, Inc. (See Welch, Herman B., assignor.)
- Master Machine Company. (See Iversen, Lorenz, assignor.)
- Master Metal Products, Inc. (See Pearson, Charles L., assignor.)
- Master Rule Manufacturing Company. (See Anderson, Emil, assignor.)
- Master Rule Manufacturing Co. Inc. (See Carlson, Frederick O., assignor.)
- Master Safe Co., The. (See Mosler, E. H., and Lyon, assignors.)
- Master Tire and Rubber Corporation. (See Lerch, William G., assignor.)
- Master Tire and Rubber Corporation. (See Lerch, W. G., and Stoner, assignors.)
- Masters, Clarence E., assignor of one-fifth to G. L. Nichols, Chadron, Nebr. Adjustable foci spectacles. 2,006,645; July 2.
- Masters, Roy C., assignor to F. Enslein, Chicago, Ill. Carriage shift for typewriters. 1,995,265; Mar. 19.
- Masterson, Frank J., Brooklyn, N. Y. Float operated valve. 2,003,380; June 4.
- Masterson, Peter, Chicago, Ill. Pressure relieving joint for building construction. 1,992,756; Feb. 26.
- Mastic Asphalt Corporation. (See Maclean, Robert S., assignor.)
- Mastney, Edward J. (See Dressel, H. M., Allison, and Mastney.)
- Mastoras, James M., Chicago, Ill. Travelling counter apparatus. 1,990,792; Feb. 12.
- Mastorakis, Nicholas J., Boston, Mass. Submarine vessel. 2,014,742; Sept. 17.
- Masury, Alfred F., assignor to International Motor Company, New York, N. Y. Container and dispensing apparatus. 1,989,760; Feb. 5.
- Masury, Alfred F., assignor to International Motor Company, New York, N. Y. Independently mounted traction unit. 2,003,548; June 4.
- Matassa, Thomas J., Los Angeles, Calif. Cooking device. 1,995,515; Mar. 26.
- Matchett, Frank J., assignor to The Servidor Company, New York, N. Y. Cabinet. 1,991,951; Feb. 19.
- Matchette, Frank J., assignor to The Servidor Company, New York, N. Y. Cabinet. 2,000,401; May 7.
- Matchette, Frank J., assignor to The Servidor Company, New York, N. Y. Cabinet. 2,000,402; May 7.
- Matchless Company, The. (See Smith, Charles C., assignor.)
- Mate, Byron. (See Britton, E. C., Coleman, and Mate.)
- Mate, Robert E., and N. Seardine, assignors to F. M. Titelman, Philadelphia, Pa. Knitting machine. 1,987,022; Jan. 8.
- Mateer, George L., Roselle, N. J., assignor to Standard Oil Development Company. Gravity flow control. 2,009,711; July 30.
- Matczyszczek, Radoslaw, New York, N. Y. Mirror lamp shade. 1,996,584; Apr. 2.
- Mathauer, Edmund G., Philadelphia, Pa., assignor to American Car and Foundry Motors Company, New York, N. Y. Actuating folding doors. 2,001,103; May 14.
- Mathelsen Alkali Works, Inc., The. (See Savell, Walter L., assignor.)
- Matheny, Charles B., Oakland, Calif. Knockdown building. 2,010,874; Aug. 13.
- Matheos, Christ, et al. (See Sulter, William A., assignor.)
- Matheos, James, et al. (See Sulter, William A., assignor.)
- Mather, Irwin E., Chicago, Ill. Apparel belt. 2,004,477; June 11.
- Mather, John C., Indianapolis, Ind. Blackboard eraser cleaner. 1,985,939; Jan. 1.
- Mather, Norman C. (See Jucker, John, assignor.)
- Matherne, Albert M., Goose Creek, Tex. Pump operating mechanism. 2,001,033; May 14.
- Mathers, Harry M., assignor of thirty-nine one hundredths to H. M. Covey, nineteen one hundredths to F. L. Matter, and three one hundredths to A. Rueger, Portland, Ore. Calendar case. 1,992,385; Feb. 26.
- Mathes, Richard E. (See Callahan, J. L., and Mathes.)
- Mathes, Richard E. (See Callahan, J. L., Mathes and Kahn.)
- Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Frequency controlling system. 1,992,625; Feb. 26.
- Mathes, Robert C., Wyoming, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,006,470; July 2.
- Mathes, Wilhelm. (See Prah, W., and Mathes.)
- Matheson, George L. (See Seaman, W., and Matheson.)
- Matheson, George L., Elizabeth, N. J., assignor to Standard Oil Development Company. Filtration apparatus and method. 2,010,435; Aug. 6.
- Mathews, Clair B., assignor to Flakall Corporation, Beloit, Wis. Feed grinder. 1,987,941; Jan. 15.

- Mathews Conveyor Company. (See Adams, C. A., and Owens, assignors.)
- Mathews Conveyor Company. (See Anderson, Martin J., assignor.)
- Mathews Conveyor Company. (See Lampard, Frank S., assignor.)
- Mathews, Wallace B. (See Watts, G. W., and Mathews.)
- Mathews, Wallace B., assignor to Standard Oil Company, Chicago, Ill. Operating mechanism for flue dampers. 1,994,365; Mar. 12.
- Mathews, William E., Birmingham, Ala. Reenforcing rod tie. 1,999,508; Apr. 30.
- Mathewson, Wilfred B., North Weymouth, assignor to United Mattress Machinery Company, Quincy, Mass. Mattress-tufting device. 2,006,076; June 25.
- Mathey, Chester A., and C. B. Harter, Tulsa, Okla. Pipe cutting apparatus. 1,998,729; Apr. 23.
- Mathey, Chester A., and P. F. Lewis, Tulsa, Okla.; said Lewis assignor to American Glycerin Company, Wilmington, Del. Method of and apparatus for placing explosive charges. 2,021,632; Nov. 19.
- Mathey, Gustave S. (See Bryant, F. L. and Mathey.)
- Mathey, Gustave S., Elizabeth, and H. J. Schaeffer, New Brunswick, assignors to Johnson & Johnson, New Brunswick, N. J. Disposable sanitary napkin. 2,024,976; Dec. 17.
- Mathez, Samuel, Brooklyn, N. Y. Setting system for watches. 2,012,965; Sept. 3.
- Matthi, Walter E., Oakland, Calif. Magnifying device. 2,011,945; Aug. 20.
- Matthias, David L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding electrodes. 2,005,902; June 25.
- Matthias, Henry L., Amsterdam, N. Y. Clutch mechanism for outboard transmissions. 2,026,481; Dec. 31.
- Matthias, Samuel W., assignor to Landis Machine Company, Waynesboro, Pa. Threading machine. 2,017,764; Oct. 15.
- Mathiesen Alkali Works, Inc. (See Berl, Ernst, assignor.)
- Mathiesen, Wilhelm, Leipzig, Germany. Changing the condition and the actinic qualities of open electric arc lights. 2,009,555; July 30.
- Mathieson Alkali Works, Inc., The. (See Cunningham, George L., assignor.)
- Mathieson Alkali Works, Inc., The. (See Curtis, Elam C., assignor.)
- Mathieson Alkali Works, Inc., The. (See Hill, Norman C., assignor.)
- Mathieson Alkali Works, Inc., The. (See Koch, Wilmer H., assignor.)
- Mathieson Alkali Works, Inc., The. (See Reuter, Balthasar E., assignor.)
- Mathieson Alkali Works, Inc. (See MacMullin, Robert B., assignor.)
- Mathieson Alkali Works, Inc., The. (See MacMullin, Robert B., assignor.)
- Mathieson Alkali Works, Inc., The. (See MacMullin, R. B., and Cunningham, assignors.)
- Mathieson Alkali Works, Inc., The. (See White, James F., assignor.)
- Mathieu, Gaston A., London, England, assignor to Radio Corporation of America. Radio or other high frequency receiver. 2,008,289; July 16.
- Mathieu, Gaston A., London, England, assignor to Radio Corporation of America. Automatic current limiting device for use in electrical signaling. 2,010,875; Aug. 13.
- Mathieu, Gaston A., and O. S. Puckle, London, England, assignors to Radio Corporation of America. High frequency multiplex signaling system. 2,005,795; June 25.
- Mathsen, Marvin L., Rockaway, N. J. Fuse. 2,012,281; Aug. 27.
- Mathsen, Marvin L., Rockaway, N. J. Fuse for projectiles. 2,014,393; Sept. 17.
- Matravers, Frederick G., Harpenden, assignor to Adamant Engineering Company Limited, Luton Bedfordshire, England. Steering gear for vehicles. 2,008,217; July 16.
- Matson, Carl A., Lynnfield, Mass., assignor to The Matson Company, Concord, N. H. Brake mechanism. 1,995,936; Mar. 26.
- Matson, Carl A., Lynnfield, Mass., assignor to The Matson Company, Concord, N. H. Automatic reverse brake. 2,008,140; July 16.
- Matson, Charles I., assignor to Imperial Brass Manufacturing Company, Chicago, Ill. Pilot light. 1,994,860; Mar. 19.
- Matson Company, The. (See Matson, Carl A., assignor.)
- Matsumoto, Kankuro, Chicago, Ill. Toy. 1,990,793; Feb. 12.
- Matt, George J., Brooklyn, assignor to Roberts Numbering Machine Company, New York, N. Y. Collector's stamp. 1,992,709; Feb. 26.
- Matt, George J., Brooklyn, assignor to Roberts Numbering Machine Company, New York, N. Y. Collector's stamp. 1,993,331; Mar. 5.
- Matt, George J., Brooklyn, assignor to Roberts Numbering Machine Company, New York, N. Y. Collector's stamp. 1,993,332; Mar. 5.
- Mattei, Pierre A. N., Rabat, Morocco. Closing device for any applications. 1,993,677; Mar. 5.
- Mattheiss, Theodore H., Baltimore, Md. Adjustable sausage gauge. 2,017,765; Oct. 15.
- Matteo, Joseph F., Philadelphia, Pa. Clip for catenary suspension systems. 2,021,515; Nov. 19.
- Matter, Albert J. (See Gould, H. W., and Matter.)
- Matter, Albert J. (See Payne, A. W., and Matter.)
- Matter, Albert J., Park Ridge, Ill. Visible multiple fuse. 1,990,340; Feb. 5.
- Matter, Albert J., Park Ridge, assignor of one-half to Standard Oil Company, Chicago, Ill. Floating roof for storage tanks. 1,989,624; Jan. 29.
- Matter, Frank L., et al. (See Mathers, Harry M., assignor.)
- Matter, Gustave O., Portland, Oreg. Spoon holder. 1,991,364; Feb. 19.
- Matter, James K., and J. T. Weinzierl, assignors to The Aluminum Cooking Utensil Company, New Kensington, Pa. Base for objects and attaching same. 2,016,171; Oct. 1.
- Mattern, Raymond P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical resistance apparatus. 2,023,740; Dec. 10.
- Matters, Heien M., Omaha, Nebr. Liquid dispensing receptacle. 2,002,959; May 28.
- Matteson, Edward C., assignor of one-fourth to W. F. A. Buehner and one-fourth to A. M. Moore, Miami, Fla. Floor mat. 2,005,659; June 18.
- Matteson, Ralph D., Boise, Idaho. Air humidifier. 2,014,773; Sept. 17.
- Matthaei, Frederick C., Detroit, Mich. Apparatus for welding. 1,989,486; Jan. 29.
- Matthaei, Frederick C., Detroit, Mich. Manufacture of automobile frames. 1,992,710; Dec. 26.
- Matthaei, Frederick C., Detroit, Mich. Automobile chassis frame. 2,009,963; July 30.
- Matthes, Ernst C., Leipzig, Germany. Hair thinning device. 2,001,206; May 14.
- Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley wire support. 1,991,288; Feb. 12.
- Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor and support guard. 2,009,781; July 30.
- Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley wire support. 2,013,355; Sept. 3.
- Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley wire support. 2,016,817; Oct. 8.
- Matthews, Albert, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Pressing machine. 2,023,896; Dec. 10.
- Matthews, Catherine L., Little Rock, Ark. Sanitary napkin and the like. 2,015,407; Sept. 24.
- Matthews, Clara M., et al. (See Gidney, Claud W., assignor.)
- Matthews Conveyor Company. (See Adams, Charles A., assignor.)
- Matthews Conveyor Company. (See Anderson, Martin J., assignor.)
- Matthews, Edward, Hamilton, Ontario, Canada. Padded horseshoe calk. 2,021,422; Nov. 19.
- Matthews, Ernest C., and L. M. Clary, Eureka, Calif., assignors to The Paraffine Companies, Inc., San Francisco, Calif. Shingle. 2,004,879; June 11.
- Matthews, Ernest D. (See Scott, W. B., Bovier, and Matthews.)
- Matthews, Floyd, Fairlawn, N. J. Label. 2,015,117; Sept. 24.
- Mathieu, Gaston A., Shirehall Park, London, England, assignor to Radio Corporation of America. Radiotelephony system. 2,022,357; Nov. 26.
- Matthews, George A. (See Matthews, Sidney G., assignor.)
- Matthews, George A., Detroit, Mich. Insulator and assembly. 2,014,441; Sept. 17.
- Matthews, Harold, J. H. Warranties, E. Arthurs, and W. C. Wilkinson, Calipatria, assignors of one-fourth to San Diego Fruit and Produce Company, San Diego, Calif. Hammer lid fastening mechanism. 2,007,579; July 9.
- Matthews, Herbert, and R. J. Seator, Battle Creek, Mich. Air conditioning system. 1,998,284; Apr. 16.
- Matthews, Isaac P. (See Matthews, Ross R., assignor.)
- Matthews, John H. (See Repony, D., and Matthews.)
- Matthews, Joseph L., Highland Park, and A. C. C. Hansen, Lindenau, N. J., assignors to International Motor Company, New York, N. Y. Involute spline shaft. 2,015,430; Sept. 24.
- Matthews Manufacturing Company. (See Pomeroy, Glendon M., assignor.)
- Matthews, Philip E., Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Rear engine drive for self-propelled vehicles. 2,000,709; May 7.
- Matthews, Philip E., Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Clutch. 2,009,507; July 30.
- Matthews, Ross R., assignor of one-half to I. P. Matthews, Seattle, Wash. Cutter for paper and board stock. 2,013,893; Sept. 10.
- Matthews, Sidney G., Philadelphia, Pa., assignor to G. A. Matthews, Charleston, W. Va. Portable building unit. 1,995,573; Mar. 26.
- Matthews, W. N., Corporation. (See Boll, L. P., and Birkenmaier, assignors.)
- Matthey-Doret, André, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Transmission line protective system. 1,994,427; Mar. 12.
- Matthias, Eugen, St. Moritz, Switzerland. Device for the planar reproduction of surface formations such as the soles of human feet. 2,010,407; Aug. 6.

- Mattich, Stephen M., Hamilton, Ohio. Air pressure flushing gun. 1,998,902; Apr. 23.
- Mattila, Charles J., Roberts, Mont., assignor of one-fourth to J. J. Gruman, one-eighth to J. W. Gruman, and one-eighth to B. Bertolimo, Jr. Doorlatch. 1,992,830; Feb. 26.
- Mattingly, Harold W., Los Angeles, Calif., assignor to D. Parker and Citizens National Trust and Savings Bank of Riverside, administrators of George D. Parker, deceased. Box strapping machine. 1,992,536; Feb. 26.
- Mattingly, Scott C., Cloverport, Ky. Automatic pressure foot adjusting device. 2,008,621; July 16.
- Mattioli, Gian D., Padova, Italy. Control for aerofoils, etc. 2,026,482; Dec. 31.
- Mattox, C. G., et al. (See Berrien, Walter C., assignor.)
- Mattison, Carl L. (See Johnson, C., and Mattison.)
- Mattison, Carl L., and L. T. Medholdt, assignors to Mattison Machine Works, Rockford, Ill. Abrading machine. 1,986,005; Jan. 1.
- Mattison, Edwin L. (See Daudt, H. W., and Mattison.)
- Mattison, Edwin L. (See Holt, L. C., and Mattison.)
- Mattison Machine Works. (See Johnson, Charles, assignor.)
- Mattison Machine Works. (See Johnson, C., and Mattison, assignors.)
- Mattison Machine Works. (See Mattison, C. L., and Medholdt, assignors.)
- Mattler, Peter. (See Frost, M. O., and Mattler.)
- Mattler, Peter, St. Louis, Mo., assignor, by mesne assignments, to The Lamson Company, Syracuse, N. Y. Distribution system for shoe factories or the like. 2,012,397; Aug. 27.
- Mattler, Peter, St. Louis, Mo., assignor, by mesne assignments, to The Lamson Company, Syracuse, N. Y. Conveyor for shoe factories. 2,017,156; Oct. 15.
- Mattman, Gustave F., assignor to The Cincinnati Advertising Products Company, Cincinnati, Ohio. Making glass corner tiles. 2,024,775; Dec. 17.
- Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of resin. 2,011,064; Aug. 13.
- Mattro, Nick, Pittsburgh, Pa., assignor of one-fourth to F. B. Stablow and one-fourth to T. D. Stablow, Rochester, Pa. Cableway carriage. 2,019,760; Nov. 5.
- Matushenko, Dmitry. (See Martin, Valentine, assignor.)
- Matuszak, Maryan P., assignor to Fisher Scientific Company, Pittsburgh, Pa. Gas absorption pipette. 2,001,581; May 14.
- Matveyeff, Michael N., New York, N. Y. Screw driver. 1,991,766; Feb. 19.
- Mauborgne, Joseph O. (See Cohen, L., McMullen, and Mauborgne.)
- Maucher, Hans W., West Orange, N. J., assignor to Eberhard Faber Pencil Company. Eraser. 2,010,103; Aug. 6.
- Maudru, Joseph. (See McDowell, J. T., Hartburg, Rienks and Maudru.)
- Mauersberger, Ernst A., Maarsse, near Utrecht, Netherlands. Separation of stearin and olein from fatty acid mixtures. 2,012,106; Aug. 20.
- Maughlin, Harry P., Columbus, Ohio. Letter or symbol. 1,990,833; Feb. 12.
- Maul, Michael, Berlin-Biesdorf, Germany. Record controlled printing machine. 2,009,021; July 23.
- Maul, Michael, Berlin-Biesdorf, Germany. Record controlled printing machine. 2,009,022; July 23.
- Maul, Michael, Berlin, Germany, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Analyzing record cards. 2,000,403; May 7.
- Maul, Michael, Berlin, Germany, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,000,404; May 7.
- Maul, Michael, Berlin-Johannesthal, Germany. Mechanical method of preparing statements, bills, and the like. 2,002,437; May 21.
- Maul, Michael, Berlin-Johannesthal, Germany. Printing and punching record controlled machine. 2,003,636; June 4.
- Maul, Michael, Berlin-Johannesthal, Germany. Record controlled punching machine. 2,003,637; June 4.
- Maul, Michael, Berlin-Johannesthal, Germany. Sorting machine for record cards. 2,025,602; Dec. 24.
- Maul, Michael, Berlin-Johannesthal, Germany. Record card controlled machine. 2,025,764; Dec. 31.
- Mauldin, Alney LaF., Edna, Tex. Wind wheel. 2,014,337; Sept. 10.
- Maul, James L., Orlando, Fla. Fruit juice extractor. 1,990,949; Feb. 12.
- Maurach, Kuno. (See Kunz, M. A., Kochendoerfer, Maurach, and Limbacher.)
- Maurer, Fred J., Tremont, Pa. Damper and gas control means. 2,009,782; July 30.
- Maurer, Harry A., Norcity, Ohio, assignor to The Oster Manufacturing Company. Chaser holder. 2,005,333; June 11.
- Maurer, John A., Jr., New York, N. Y., assignor to Radio Corporation of America. Photographic printing apparatus and method for endless sound films. 2,002,151; May 21.
- Maurer, John A., Jr., New York, N. Y., assignor to Radio Corporation of America. Sound reproducer and optical system therefor. 2,019,152; Oct. 29.
- Maurer, John F., Jr., North Bergen, N. J. Milk bottle case. 2,011,367; Aug. 13.
- Maurer, Paul, Clifton, N. J., assignor to Eclipse Machine Company, Elmira, N. Y. Automatic starting mechanism. 1,996,521; Apr. 2.
- Maurer, Paul H., Elmira, assignor to Eclipse Machine Company, Elmira Heights, N. Y. Automatic starting mechanism. 2,007,058; July 2.
- Maurer, Paul H., Elmira, assignor to Eclipse Machine Company, Elmira Heights, N. Y. Semiautomatic starter control. 2,016,818; Oct. 8.
- Maurer, Paul H., Elmira, assignor to Eclipse Machine Company, Elmira Heights, N. Y. Semiautomatic starter control. 2,023,639; Dec. 10.
- Maurer, Paul H., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starting mechanism. 2,025,877; Dec. 31.
- Maurer, Sam, Burnaby, British Columbia, assignor of thirty-five per cent to E. Wuschke, South Burnaby, British Columbia, and thirty two and one-half per cent to P. A. Seidel, Vancouver, British Columbia, Canada. Sash window. 2,007,499; July 9.
- Maurey, Eugene E., Chicago, Ill. Pulley. 2,006,145; June 25.
- Mauri, Enrique. (See Estrada, S., Mauri, and Ivey.)
- Maurice Mills Company. (See Wilson, William G., assignor.)
- Mauritsch, Charles. (See Mauritsch, John and C.)
- Mauritsch, John and C., Brooklyn, N. Y. Knitting and similar machine. 2,020,694; Nov. 12.
- Mauritzen, Kai T. (See Flagg, Edward B., assignor.)
- Maury, Greenbow, Jr. (See Johnston, Greenbow, assignor.)
- Maus, Frank, San Francisco, Calif., assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Washing machine. 2,021,097; Nov. 12.
- Maus, Geo. H., Inc. (See Maus, George H., assignor.)
- Maus, George H., assignor to Geo. H. Maus, Inc., Amsterdam, N. Y. Rake. 2,007,609; July 9.
- Mausner, Karl W., Cologne-Marienburg, Germany. Bung closure for metal vessels. 2,008,079; July 16.
- Mausner-Werke, A.-G. (See Schump, Paul H., assignor.)
- Mauss, Wilhelm. (See Jones, E. F., and Mauss.)
- Mäussnest, Friedrich K., assignor to H. Mäussnest, Woodside, N. Y. Method and apparatus for straightening sheet material. 2,009,508; July 30.
- Mäussnest, Hedwig. (See Mäussnest, Friedrich K., assignor.)
- Mauthe, Gustav. (See Ott, K., and Mauthe.)
- Mauthe, James L. (See Mahla, W. T. and Mauthe.)
- Mauthe, James L., Elyria, and E. G. Price, Lorain, Ohio. Gas washer. 1,986,736; Jan. 1.
- Mautsch, Robert, assignor to Manufacture Generale Metallurgique, Société Anonyme, Brussels, Belgium. Heat exchange unit. 1,980,996; Feb. 5.
- Mautsch, Robert, assignor to Manufacture Generale Metallurgique, Societe Anonyme, Brussels, Belgium. Manufacture of gilled tubes. 1,998,562; Apr. 23.
- Mautsch, Robert H., Brussels, Belgium, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Thermostat. 2,004,667; June 11.
- Mavrogenis, Aristotle, Milwaukee, Wis. Electron discharge device. 1,998,199; Apr. 16.
- Maw, Frank J., Ingleside, Port Nelson, Ontario, Canada. Slide for testing liquids. 2,015,949; Oct. 1.
- Maw, Robert, Montreal, Quebec, Canada. Hydraulic transmission system. 1,987,781; Jan. 15.
- Mawbey, Lawrence. (See Keall, F. B., and Mawbey.)
- Max, Nicolaas, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Motor fuel of high antiknock value. 2,023,142; Dec. 3.
- Max, Nicolaas, Amsterdam, Netherlands, assignor, by mesne assignments, to Shell Development Company, San Francisco, Calif. Motor fuel. 2,023,372; Dec. 3.
- Maxedon, Roy C., Seminole, Okla., and D. Penn, Perryton, Tex. Steering wheel cover. 1,997,738; Apr. 16.
- Maxfield, Joseph P., Maplewood, N. J., assignor to Electrical Research Products, Inc., New York, N. Y. Sound transmission system. 2,019,615; Nov. 5.
- Maxfield, Joseph P., Maplewood, N. J., assignor to Electrical Research Products, Inc., New York, N. Y. Sound recording system. 2,019,616; Nov. 5.
- Maxim Silencer Company. (See Bourne, Roland B., assignor.)
- Maxmoor Corporation. (See Moore, Arlington, assignor.)
- Maxson, Louis A., Claremont, N. H., assignor to Sullivan Machinery Company. Pilot valve. 1,998,553; Apr. 23.
- Maxson, Louis A., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,007,902; July 9.
- Maxson, Rolland H., assignor to The Burdick Corporation, Milton, Wis. Electrosurgical apparatus. 2,002,119; May 21.
- Maxson, Rolland H., assignor to The Burdick Corporation, Milton, Wis. Therapeutic lamp. 2,006,402; July 2.
- Maxwell, Carl A., Teaneck, N. J., assignor to Fuller Lehigh Company, New York, N. Y. Furnace. 1,986,668; Jan. 1.
- Maxwell, Charles G., Louisville, Ky., assignor, by mesne assignments, to American Machine & Foundry Company, New York, N. Y. Tobacco stemming machine. 1,986,781; Jan. 1.

- Maxwell, Charles G., Louisville, Ky., assignor, by mesne assignments, to The American Tobacco Company. Method of and apparatus for conditioning cigar wrapper leaf tobacco. 2,002,120; May 21.
- Maxwell, Charles G., Durham, N. C., assignor to International Banning Machine Company, New York, N. Y. Band, stamp, or label magazine and handling mechanism. 2,018,373; Oct. 22.
- Maxwell, Francis, Westminster, London, England. Separation of tramp or stray iron and the like impurities from bagasse and other materials of similar consistency. 1,988,324; Jan. 15.
- Maxwell, John N., Pittsburgh, Pa. Hand pool game. 2,005,660; June 18.
- Maxwell, John S., Fullerton, Calif. Aircraft. 2,015,150; Sept. 24.
- Maxwell, Robert W., Wilmington, Del., assignor to Du Pont Rayon Company, New York, N. Y. Treating celulosic solutions. 2,011,227; Aug. 13.
- Maxwell Steel Vault Company. (See Harris, Harold F., assignor.)
- Maxwell, William R., Hicksville, Ohio. Safety device for firearms. 2,000,858; May 7.
- May, David T., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency changing system. 2,022,968; Dec. 3.
- May, Edward M., Detroit, Mich. Making composite valves. 2,011,007; Aug. 13.
- May, Friedrich, Magdeburg, Germany. Pruning device. 2,021,736; Nov. 19.
- May, Gilbert R., Cleveland, Ohio, assignor to Bruce B. Krost, Merchandising display lighting fixture. 2,018,732; Oct. 29.
- May, Harold N., Chicago, Ill. Ampoule. 2,007,454; July 9.
- May, Joseph, Frankfort-on-the-Main, Germany. Orthopaedic boot or shoe. 1,992,672; Feb. 26.
- May, Karl H., Berlin-Friedenau, Germany, assignor to General Electric Company. Electrical regulation. 2,009,115; July 23.
- May Oil Burner Corporation. (See Hall, Mora S., assignor.)
- May Oil Burner Corporation. (See Goldman, Mayer L., assignor.)
- May, Orville E., Chevy Chase, Md., H. T. Herrick, Washington, D. C., A. J. Moyer, Takoma Park, Md., and P. A. Wells, Ballston, Va., assignors to H. A. Wallace, Secretary of Agriculture of the United States of America. Carrying out oxidative fermentations by molds or fungi. 2,006,086; June 25.
- May, Otto B., South Orange, N. J. Derivatives of acenaphthene and making same. 1,997,305; Apr. 9.
- May, Rowland F. (See Edwards, W. F. M., and May.)
- May, Rowland F., Middlesex, assignor to Filter Tips Limited, London, England. Manufacture of cigarettes. 1,999,910; Apr. 30.
- May, Rowland F., Middlesex, assignor to Filter Tips Limited, London, England. Manufacture of cigarettes. 1,999,911; Apr. 30.
- May, Rowland F., Middlesex, assignor, by mesne assignments, to Filter Tips Limited, London, England. Manufacture of filter tips for cigarettes. 2,023,766; Dec. 10.
- May, Russell P., Bronx, N. Y., assignor to Radio Corporation of America. Talking motion picture projector. 1,987,406; Jan. 8.
- May, Russell P., Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Reflector mounting. 1,991,861; Feb. 19.
- May, Russell P., Haddonfield, N. J., assignor to Radio Corporation of America. Automatic film threading motion picture machine. 1,997,409; Apr. 9.
- May, Russell P., Woodbury, N. J., assignor to Radio Corporation of America. Portable talking motion picture apparatus. 2,003,381; June 4.
- May, Russell P., Woodbury, N. J., assignor to Radio Corporation of America. Film reel. 2,015,860; Oct. 1.
- May, Russell P., Woodbury, N. J., and H. C. Holden, Philadelphia, Pa., assignors to Radio Corporation of America. Portable talking motion picture apparatus. 2,026,134; Dec. 31.
- May, T. L. Corporation. (See May, Thomas L., assignor.)
- May, Thomas L., assignor to T. L. May Corporation, Toronto, Ontario, Canada. Stamp and recorder. 1,994,431; Mar. 12.
- May, Walter H., Pelham Manor, N. Y. Comfort retaining device. 2,024,050; Dec. 10.
- Maybach, Karl, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Germany. Controlling device for the main clutch in motor vehicles. 1,999,366; Apr. 30.
- Maybach, Karl, assignor to Maybach-Motorenbau, G. m. b. H., Friedrichshafen, Germany. Mechanism for actuating a friction clutch. 2,019,617; Nov. 5.
- Maybach-Motorenbau G. m. b. H. (See Lang, Richard, assignor.)
- Maybach-Motorenbau G. m. b. H. (See Maybach, Karl, assignor.)
- Mayer, Alvin L., Louisville, Ky. Camera. 2,009,053; July 23.
- Mayer, Bruno, Nuremberg, Germany. Roll film camera. 2,002,824; May 28.
- Mayer, Carl A., assignor to United American Bosch Corporation, Springfield, Mass. Variable condenser. 2,005,098; June 18.
- Mayer, Charles W., Rochester, N. Y. Card table. 2,015,118; Sept. 24.
- Mayer, Daniel J., Belleville, assignor to Metal Textile Corporation, West Orange, N. J. Scouring pad. 1,991,023; Feb. 12.
- Mayer, Daniel J., Belleville, assignor to Metal Textile Corporation, West Orange, N. J. Producing metallic scouring pads. 1,991,024; Feb. 12.
- Mayer, Daniel J., Belleville, assignor to Metal Textile Corporation, West Orange, N. J. Semiabrasive fabric. 2,001,281; May 14.
- Mayer, Edmund, Ulm, Germany. Mashing apparatus. 2,014,945; Sept. 17.
- Mayer, Edward F., Kellogg, Idaho. Object supporting means. 2,023,055; Dec. 3.
- Mayer, Edwin G., assignor to The Bell & Howell Company, Chicago, Ill. Photographic camera. 2,015,950; Oct. 1.
- Mayer, Emil, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation. 2,000,770; May 7.
- Mayer, Frank H., Weehawken, N. J., assignor to Kiely & Mueller Inc., New York, N. Y. Combination water feeder and overflow device. 1,986,511; Jan. 1.
- Mayer, Hans. (See Straub, F., and Mayer.)
- Mayer, Harry S., South Norwalk, Conn. Hand bag. 1,994,827; Mar. 19.
- Mayer, Julius, Detroit, Mich. Vehicle wheel. 2,014,811; Sept. 17.
- Mayer, Karl H., Bronxville, assignor, by mesne assignments, to Standard-Knapp Corporation, New York, Package assembling machine. 2,015,187; Sept. 24.
- Mayer, Karol, Poznan, Poland. Apparatus for treating patients by bodily movements. 2,009,270; July 23.
- Mayer, Maurice A., West Los Angeles, Calif. Interlocking jewelry ornament. 2,016,679; Oct. 8.
- Mayer, Morris, and H. H. Schwed, New York, N. Y. Ornament and making same. 1,992,873; Feb. 26.
- Mayer, Oscar. (See Myers, L. R., and Mayer.)
- Mayer, William. (See Halpern, M., and Mayer.)
- Mayer, William G., Pittsburgh, Pa. Method and apparatus for refrigerating with solid refrigerants. 2,026,353; Dec. 31.
- Mayers, Howard C., London, England. Flying-time and like indicator. 2,006,682; July 2.
- Mayhew, Ralph, New York, N. Y. Amusement apparatus. 2,017,102; Oct. 15.
- Mayhew Steel Products, Inc. (See Bardwell, Edwin A., assignor.)
- Mayhew Steel Products, Inc. (See Hayward, Clarence B., assignor.)
- Mayland, Emil R., Hutchinson, Kans. Foot exerciser. 2,025,878; Dec. 31.
- Maynard, Albert E., assignor to American Optical Company, Southbridge, Mass. Abrading machine. 1,989,939; Feb. 5.
- Maynard, Almy C. (See Davisson, D. W., Welke, and Maynard.)
- Maynard, Arthur H., Warwick, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Fastener-applying implement. 2,001,104; May 14.
- Maynard, Arthur H., Warwick, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Fastener-applying implement. 2,006,054; June 25.
- Maynard, Charles E., Northampton, assignor, by mesne assignments, to The Fisk Rubber Corporation. Automatic tire vulcanizing mold. 1,987,908; Jan. 15.
- Maynard, Charles E., Northampton, Mass., assignor, by mesne assignments, to The Fisk Rubber Corporation. Method and apparatus for mixing and blending rubber compounds. 2,011,685; Aug. 20.
- Maynard, Charles E., Northampton, Mass., assignor to The Fisk Rubber Corporation, Chicopee Falls, Mass. Mold for rubber tubes. 2,021,373; Nov. 19.
- Maynard, Durwood G. (See Maynard, Ernest A. and D. G.)
- Maynard, Emmett M. (See Wilkerson, L. E., and Maynard.)
- Maynard, Ernest A. and D. G., Gales Ferry, Conn. Watercraft. 2,020,792; Nov. 12.
- Maynard, Walter A., Cleveland Heights, Ohio. Automatic stoker and control therefor. 2,004,533; June 11.
- Maynard, William H., assignor to Porter Screen Company, Winoski, Vt. Collapsible ironing table. 1,989,555; Jan. 29.
- Maynard, William H., assignor to Porter Screen Company, Winoski, Vt. Window ventilator. 2,014,974; Sept. 17.
- Maynard, William H., assignor to Porter Screen Company, Winoski, Vt. Locking device. 2,015,454; Sept. 24.
- Mayne, Robert, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Resilient connector. 2,002,377; May 21.
- Maynes, Emma C. (See Maynes, Hyla F., assignor.)
- Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Amusement device. 2,021,074; Nov. 12.
- Maynz, Emanuel. (See Maynz, T., and Huwerth, assignors.)
- Maynz, Theodore, and H. W. Huwerth, assignors to Emanuel Maynz, doing business as Maynz & Company, New York, N. Y. Bung extractor. 1,988,971; Jan. 22.
- Mayo, Alfred C., Richmond, England. Camera. 2,017,979; Oct. 22.
- Mayo, Dana H. N. (See Bailey, E. G., and Mayo.)

- Mayo, Dana H. N., Bethlehem, assignor to Fuller Lehigh Company, Fullerton, Pa. Boiler furnace. 1,995,034; Mar. 19.
- Mayo, Edward L., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Thermostatic valve device. 1,986,235; Jan. 1.
- Mayo, Edward L., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Temperature responsive liquid pump. 2,005,193; June 18.
- Mayo, Edward L., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Automatically controlled heating system. 2,012,067; Aug. 20.
- Mayo, Franklin, assignor to W. R. Armstrong, Chicago, Ill. Headlight lamp. 2,005,194; June 18.
- Mayo, Robert H., London, England. Composite aircraft. 2,009,296; July 23.
- Mayo, Roy E., San Leandro, Calif., and J. M. Davies, Peoria, Ill., assignors to Caterpillar Tractor Co., San Leandro, Calif. Engine. 2,023,535; Dec. 10.
- Mayor, Eva V., administratrix. (See Mayor, William A.)
- Mayor, William A., deceased, late of Niskayuna, N. Y., by Eva V. Mayor, administratrix, Lynn, Mass., assignor to General Electric Company. Speed controlling means for spinning machines. 2,011,065; Aug. 13.
- Mayr, Karl A., New York, N. Y., assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Steam generator. 2,006,403; July 2.
- Mayrhofer, Rudolf. (See Goldschmidt, S., and Mayrhofer.)
- Mayrose, Carl G., Terre Haute, Ind. Knockdown shelving. 1,990,046; Feb. 5.
- Mays, William S., assignor of one-half to J. F. Ffolliott, Norfolk, Va. Grease pack for pressure grease guns. 1,996,929; Apr. 9.
- Maytag Company, The. (See Bowden, William H., assignor.)
- Maytag Company, The. (See Mikulasek, John, assignor.)
- Maytag Company, The. (See Snyder, Howard F., assignor.)
- Maywood Chemical Works. (See Osborg, Hans, assignor.)
- Maze, Earl, Fort Wayne, Ind. Music printing device. 2,013,280; Sept. 3.
- Maze, Hamilton, assignor to W. H. Maze Company, Peru, Ill. Roll roofing fastener. 2,001,932; May 21.
- Maze, Ralph, Hollister, Calif. Tool sharpening device. 2,012,513; Aug. 27.
- Maze, W. H., Company. (See Maze, Hamilton, assignor.)
- Mazer, Jacob, Stonehurst, Pa. Sound absorbing material. 2,001,916; May 21.
- Mazer, Jacob, Stonehurst, Upper Darby Township, Delaware County, Pa. Sound-absorbing unit and making the same. 2,001,970; May 21.
- Mazurie, James V. (See Bark, W. Schmidt, and Mazurie.)
- Mazurie, James V. (See Bark, W. Mazurie, and Olson.)
- Mazzini, Franco, assignor to Società Italiana Ernesto Breda per Costruzioni Meccaniche, Milan, Italy. Metal structure. 2,012,198; Aug. 20.
- Mazzoco, John, Trinidad, Colo. Sauerkraut machine. 2,016,114; Oct. 1.
- Mazzola, Antonino, Beaumont, Tex. Hair waving clamp. 2,014,579; Sept. 17.
- Mazzucchi, Mario, Milan, Italy. Anthrax vaccine. 1,989,014; Jan. 22.
- McAdams, Harry, assignor to Nolde and Horst Company, Reading, Pa. Fabric take-up mechanism. 1,991,563; Feb. 19.
- McAdams, Harry, assignor to The Nolde and Horst Company, Reading, Pa. Pattern drum control mechanism for knitting machines and the like. 1,995,995; Mar. 26.
- McAdams, Wesson T., Memphis, Tenn. Newspaper holder. 2,022,865; Dec. 3.
- McAdoo & Allen Welting Company. (See Brown, William, assignor.)
- McAdoo & Allen Welting Company. (See Heft, William F., assignor.)
- McAfee, Earl H., Detroit, Mich. Coal delivery truck. 2,005,552; June 18.
- McAleer, Charles F., assignor to Sutherland Paper Company, Kalamazoo, Mich. Basket liner. 1,994,778; Mar. 19.
- McAler Manufacturing Company. (See Angstman, Roger W., assignor.)
- McAler Manufacturing Company. (See Weihe, Frederick A., Jr., assignor.)
- McAllister, Alexander, Darlinghurst, near Sydney, New South Wales, Australia. Bag-sewing apparatus. 2,002,227; May 21.
- McAlbaster, George R., Rochester, N. Y. Tobacco pipe. 1,987,407; Jan. 8.
- McAllister Aircraft Wing Co. (See Maring, Walter D.)
- McAllister, Alexander R., Beaver Falls, assignor to The Babcock & Wilcox Tube Company, West Mayfield, Pa. Making of seamless tubes. 1,987,201; Jan. 8.
- McAllister, Don M., et al. (See Maring, Walter D., assignor.)
- McAllister, John E. (See Uebelhart, G. S., and McAllister.)
- McAllister, Raymond C., Painted Post, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Piston assembly. 2,000,970; May 14.
- McAllister, Raymond C., Painted Post, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Separator for heat exchangers. 2,015,490; Sept. 24.
- McAllister, Raymond C., Painted Post, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor unloader. 2,025,294; Dec. 24.
- McAllister, Walter H., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. High molecular alcohols and unsaturated hydrocarbons. 2,022,894; Dec. 3.
- McAnallen, Leo W., Dayton, Tex., assignor to C. W. Fisher. Sectional mud conveying trough. 2,007,455; July 9.
- McArdle, Edward H., Elizabeth, N. J., assignor to William Demuth & Company, New York, N. Y. Tobacco pipe. 2,024,865; Dec. 17.
- McArdle, Michael W., Chicago, Ill. Waffle iron. 1,993,177; Mar. 5.
- McArdle, Michael W., Assignor to Chicago Flexible Shaft Company, Chicago, Ill. Sadiron sole plate. 2,005,234; June 18.
- McArdle, Michael W., and J. W. Lynch, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Sadiron sole plate. 1,995,035; Mar. 19.
- McArdle, Michael W., and J. W. Lynch, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Electrical connector. 2,011,066; Aug. 13.
- McArdle, Michael W., and I. Jeppsson, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Safety device for food choppers and the like. 2,001,793; May 21.
- McArthur, Charles K., Denver, Colo., assignor to The Dorr Company, Inc., New York, N. Y. Classifier. 2,025,690; Dec. 24.
- McArthur, William P., Los Angeles, Calif. Wall-hung toilet fitting. 2,015,349; Sept. 24.
- McAtee, Bernard M., et al. (See McAtee, Matthew J., assignor.)
- McAtee, Matthew J., assignor of one-fourth to B. M. McAtee, and P. B. McAtee, Denver, Colo. Anchoring device. 2,015,951; Oct. 1.
- McAtee, Patrick B., et al. (See McAtee, Matthew J., assignor.)
- McAuliffe, Michael J., Vicksburg, Miss. Tent. 2,004,668; June 11.
- McBain, William, assignor of one-half to Swan, Hunter & Wigham Richardson Limited, Newcastle-on-Tyne, England. Uniting of steel plates or other structures. 2,024,239; Dec. 17.
- McBean, Alexander O., Chicago, Ill. Fountain pen. 1,989,761; Feb. 5.
- McBean, Robert H., Fairview Village, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Surface decorating machine. 2,016,868; Oct. 8.
- McBee Company, The. (See Burke, William F., assignor.)
- McBee Company, The. (See Gercy, Edward J., assignor.)
- McBee Company, The. (See Welk, Nelson S., assignor.)
- McBee, Earl T. (See Hass, H. B., and McBee.)
- McBerty, Ford H., Relay, Md., and K. C. Simon, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing aromatic amines. 2,020,368; Nov. 12.
- McBride, Eugene A., assignor to Thompson Products Incorporated, Cleveland, Ohio. Two material extruded valve and making the same. 2,002,641; May 28.
- McBrien, Roger W., Alton, and N. F. Wilson, East Alton, Ill.; said Wilson assignor to said McBrien. Alarm circuit. 2,000,185; May 7.
- McBrien, Roger W., Alton, and N. F. Wilson, East Alton, Ill.; said Wilson assignor to said McBrien. Electric alarm circuit. 2,011,112; Aug. 13.
- McBrien, Roger W., Alton, and N. F. Wilson, East Alton, Ill.; said Wilson assignor to said McBrien. Alarm circuit. 2,021,423; Nov. 19.
- McBurney, Henry G., Roselle, N. J., assignor to Standard Oil Development Company. Heat measuring construction. 1,988,849; Jan. 22.
- McBurney, James E., Alton, Ill., assignor to Owens-Illinois Glass Company. Coating glassware. 2,016,381; Oct. 8.
- McBurney, James E., Alton, Ill., assignor to Owens-Illinois Glass Company. Furnace tank construction. 2,016,382; Oct. 8.
- McBurney, John D., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cinema screen. 1,998,054; Apr. 16.
- McBurney, John D., and E. H. Nollau, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Continuous method of applying glass spheres or particles to flat surfaces. 1,998,053; Apr. 16.
- McBurney, John D., Newburgh, N. Y., and E. H. Nollau, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Machine for continuously applying glass spheres or particles to flat surfaces. 1,998,055; Apr. 16.
- McCa, David G., Lancaster, Pa. Reducing electrical disturbances. 2,001,622; May 14.
- McCabe, Edward B. (See Hiller, N. H., and McCabe.)
- McCabe, Frank E., Shaker Heights, assignor to The Grabler Manufacturing Company, Cleveland, Ohio. Sealing device. 2,004,997; June 18.
- McCabe, Ira E., Chicago, Ill. Combined safety and ignition control for the automatic control of burner mechanism. 1,985,940; Jan. 1.
- McCabe, Ira E., Chicago, Ill. Circuit control system. 1,999,882; Apr. 30.
- McCabe, Ira E., Chicago, Ill. Delayed action switch mechanism. 2,005,195; June 18.
- McCabe, Ira E., Chicago, Ill. Electric circuit control. 2,015,952; Oct. 1.

- McCabe, Ira E., Chicago, Ill. Electric mercury tube switch. 2,018,310; Oct. 22.
- McCabe, Ira E., Chicago, Ill. Valve construction. 2,023,143; Dec. 3.
- McCabe, Ira E., Chicago, Ill. Electrical control. 2,024,697; Dec. 17.
- McCabe, John J. (See Frantz, W. A., and McCabe.)
- McCabe Maier Corporation. (See Carpenter, Walter E., assignor.)
- McCabe, Ora A. (See McCabe, William R., assignor.)
- McCabe, William R., assignor to O. A. McCabe, Seattle, Wash. Animal trap. 2,002,095; May 21.
- McCafferty, Robert H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Conductor support. 1,994,916; Mar. 19.
- McCahan, John H., Canton, Louis J. Fuller, Massillon, and H. L. Samblanet, Canton, assignors to Foot Norm, Inc., Canton, Ohio. Foot manipulating apparatus. 2,016,930; Oct. 8.
- McCain, Cecil C., Glen Ellyn, and J. W. Hernlund, La Grange, assignors to Ditto, Incorporated, Chicago, Ill. Winding mechanism. 2,023,430; Dec. 10.
- McCaleb, Albert G. (See Allen, H. E., and McCaleb.)
- McCaleb, Albert G. (See Lecarpentier, George H., assignor.)
- McCaleb, Albert G., et al. (See Levinson, Arthur A., assignor.)
- McCaleb, Albert G. (See Luxmore, William, assignor.)
- McCaleb, Robison E., Selma, Oreg. Stamp mill. 2,014,774; Sept. 17.
- McCalla, Lawrence H., Greenville, S. C. Medical compact. 2,013,281; Sept. 3.
- McCallum, Albert R. (See Miller, E. P., and McCallum.)
- McCandless, Lyon, assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Liquid dispensing pump system. 2,008,460; July 16.
- McCann, Charles S., near Dayton, Ohio. Fluid motor and pump. 1,996,875; Apr. 9.
- McCann, Charles S., Oakwood, assignor of one-half to G. B. McCann, Montgomery County, Ohio. Radial internal combustion engine. 1,990,660; Feb. 12.
- McCann, George B. (See McCann, Charles S., assignor.)
- McCann, George K., assignor to Bendix Brake Company, South Bend, Ind. Fitting. 1,996,249; Apr. 2.
- McCann, George K., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,001,933; May 21.
- McCann, George M., New Castle, Del., and T. K. Vincent, Manhattan, Kans. Gun. 1,986,837; Jan. 8.
- McCann, John F. (See Sprague, R. C., and McCann.)
- McCann, John F., Springfield, Mass. Housing and lubricating means for chains. 1,998,682; Apr. 23.
- McCann, John F., and C. E. Johnson, assignors to Baldwin-Duckworth Chain Corporation, Springfield, Mass. Driving mechanism. 1,988,421; Jan. 15.
- McCann, John J., Jr., Lowell, Mass. Fabric expander for textile industry. 2,002,096; May 21.
- McCann, Joseph H., Washington, D. C., assignor, by mesne assignments, to General Motors Corporation. Refrigerator. 2,025,761; Dec. 31.
- McCann, Michael, St. Albans, N. Y., assignor, by mesne assignments, to The Singer Manufacturing Company, Elizabethport, N. J. Sewing machine. 1,987,964; Jan. 15.
- McCann, Michael, St. Albans, Long Island, N. Y., assignor, by mesne assignments, to The Singer Manufacturing Company, Elizabethport, N. J. Chain stitch sewing machine. 1,988,502; Jan. 22.
- McCann, Michael, St. Albans, N. Y., assignor, by mesne assignments, to The Singer Manufacturing Company, Elizabethport, N. J. Universal work holder for button sewing machines. 1,998,587; Apr. 23.
- McCann, Michael, Ozone Park, Long Island, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Stop-motion device for sewing machines. 2,005,679; June 18.
- McCann, Thomas A., East Orange, N. J., assignor to American Telephone and Telegraph Company. Regenerative telegraph repeater. 1,993,333; Mar. 5.
- McCann, William R., Petersburg, Va., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Storage of soluble salts. 2,024,830; Dec. 17.
- McCants, Gilbert E., assignor to Federal Varnish Company, Chicago, Ill. Regulating valve for floor waxing devices. 2,018,375; Oct. 22.
- McCarthy, Charles D., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Automatic apron taper. 2,012,014; Aug. 20.
- McCarthy, Charles M., Minneapolis, Minn. Glass holding and breaking device. 2,013,216; Sept. 3.
- McCarthy, Dennis A. (See Brady, J. S., and McCarthy.)
- McCarthy, Edward F., assignor of one-half to C. H. McCarty, Chicago, Ill. Fluid displacing pump. 2,003,117; May 28.
- McCarthy, Francis V., et al. (See Simoneau, Charles B., assignor.)
- McCarthy, Henry J. (See Roberts, Joseph L., assignor.)
- McCarthy, J. Clarence, assignor to Armstrong Cork Company, Lancaster, Pa. Decorated hard surface covering and manufacturing the same. 2,013,472; Sept. 3.
- McCarthy, John W. (See Dickermann, H. K., and McCarthy.)
- McCarthy, Lewis M., Jamaica, N. Y. Garbage, ashes, and refuse disposal and land reclamation process. 2,017,417; Oct. 15.
- McCarthy, Thomas J., York, Pa., assignor to The MacOjae Company, Newark, N. J. Garage jack. 1,995,937; Mar. 26.
- McCarthy, Timothy F., Indiana, Pa., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining apparatus. 1,995,188; Mar. 19.
- McCarthy, William, and G. Wolff, Clifton, N. J. Front wheel drive. 2,003,718; June 4.
- McCartney, William J., and S. T. Bachus, Birmingham, Ala. Coupling. 2,004,077; June 4.
- McCarty, Bernard Y., Beacon, N. Y., and W. E. Skelton, Cambridge, Mass., assignors to The Texas Company, New York, N. Y. Removal of wax from hydrocarbon oil. 1,995,153; Mar. 19.
- McCarty, Bernard Y., Beacon, N. Y., and W. E. Skelton, Cambridge, Mass., assignors to The Texas Company, New York, N. Y. Removal of wax from hydrocarbon oil. 1,998,397; Apr. 16.
- McCarty, Bernard Y., Beacon, N. Y., and W. E. Skelton, Cambridge, Mass., assignors to The Texas Company, New York, N. Y. Removal of wax from hydrocarbon oil. 1,998,398; Apr. 16.
- McCarty, Bernard Y., Beacon, N. Y., and W. E. Skelton, Fort Worth, Tex., assignors to The Texas Company, New York, N. Y. Removal of wax from hydrocarbon oil. 2,024,107; Dec. 10.
- McCarty, Charles H. (See McCarthy, Edward F., assignor.)
- McCarty, James M. (See Russell, Courtney F., assignor.)
- McCarty, John E. (See Smith, H. W., and McCarthy.)
- McCarty, John E., and D. W. Randolph, Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Making aluminum-barium alloys. 2,018,143; Oct. 22.
- McCarty, Orin P., Pittsfield, Mass., assignor to General Electric Company. Electric switching. 2,004,792; June 11.
- McCarty, Orin P., Pittsfield, Mass., assignor to General Electric Company. Transformer tap changing mechanism. 2,004,998; June 18.
- McCathron, Earl H., Bridgeport, Conn. Heating boiler. 1,988,503; Jan. 22.
- McCaughan, William J., River Forest, assignor to Electric Household Utilities Corporation, Cicero, Ill. Shoe for ironing machines. 2,024,939; Dec. 17.
- McCauley, Benjamin V., Fargo, N. Dak. Fish stringer. 2,004,247; June 11.
- McCauley, Ernest G., Dayton, Ohio. Pneumatic brake. 2,007,500; July 9.
- McCauley, George V., assignor to Corning Glass Works, Corning, N. Y. Cooling glass. 2,022,215; Nov. 26.
- McCauley, Roy B., Chicago Heights, Ill. Metal with phosphide case and producing same. 2,007,977; July 16.
- McCauley, Roy B., Chicago Heights, Ill. Metal with phosphide case and producing same. 2,007,978; July 16.
- McCauley, Thomas H., assignor of one-half to Morley H. Breunls, Toronto, Ontario, Canada. Oil burner. 2,017,418; Oct. 15.
- McCausland, Wallace, and C. W. Stephen, Bridgeport, Conn., assignors to Reading-Pratt & Cady Company, Inc. Gate valve. 2,006,715; July 2.
- McCay, Robert C., Swampscott, Mass. Dealing playing cards. 1,992,085; Feb. 19.
- McChesney, Cuyler S., Kenmore, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Inflated article and making the same. 2,000,452; May 7.
- McClain, Allen F., Sr., Knoxville, Tenn. Animal starting trap. 1,995,214; Mar. 19.
- McClain, John, Chicago, Ill. Indicator for water gauges. 2,007,687; July 9.
- McClaren, Alfred E., Joplin, Mo. Automatic railway crossing gate. 2,001,147; May 14.
- McClaren, John I. (See Gregory, F. E., McClaren, and Hamilton.)
- McClatchie, J. Warren. (See Johnson, Glenn D., assignor.)
- McClatchie, John M., assignor to The Borden Company, New York, N. Y. Machine for packaging plastic material. 2,010,523; Aug. 6.
- McClatchie, John M., assignor to The Borden Company, New York, N. Y. Machine for molding plastic materials. 2,010,524; Aug. 6.
- McClatchie, John M., assignor to The Borden Company, New York, N. Y. Machine for conveying cans and the like. 2,023,431; Dec. 10.
- McClatchie, John M., assignor to The Borden Company, New York, N. Y. Can shifting device for can washing machines. 2,023,432; Dec. 10.
- McClatchie, Stanley, Newark, N. J. Phonograph pick-up. 2,005,154; June 18.
- McClave-Brooks Company. (See Warg, Charles A., assignor.)
- McClave, John A. E., Grantwood, and D. H. Grant, Watchung, N. J., assignors to Stanco Incorporated. Coloring emulsions and products thereof. 2,010,436; Aug. 6.
- McClav, Gordon F., Sherbrooke, Quebec, Canada, assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor unloader. 1,989,762; Feb. 5.
- McCleary, Henry R., Oak Park, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 1,999,734; Apr. 30.
- McCleary Hydraulic Brake Co. (See McCleary, Roy E., assignor.)

- McCleary, Roy E., Seattle, assignor to McCleary Hydraulic Brake Co., Yakima, Wash. Hydraulic brake. 2,007,279; July 9.
- McCleary, William E., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Reed for axminster looms. 2,025,879; Dec. 31.
- McClellan, Garriott L., Cincinnati, Ohio. Support for the head while sleeping or resting in a sitting position. 2,000,344; May 7.
- McClellan, James L., Littleton, assignor to Hollingsworth & Vose Company, Boston, Mass. Insulating or "fish" paper and making. 2,008,141; July 16.
- McClellan, James L., Littleton, assignor to Hollingsworth & Vose Company, Boston, Mass. Paper and method of making. 2,008,142; July 16.
- McClellan, Raymond H., Hamilton, G. Langen, and B. B. Quillen, assignors to The Cincinnati Planer Company, Cincinnati, Ohio. Machine tool construction. 1,986,006; Jan. 1.
- McClellan, William D., Richmond, Va. Refrigerator. 2,024,977; Dec. 17.
- McClelland, Elmer W. (See Pennock, E. M., and McClelland.)
- McClelland, John, assignor of one-half to J. A. Kline. Philadelphia, Pa. Slip coupling. 1,996,341; Apr. 2.
- McClenathan, Roy F., assignor to Lamac Process Company, Erie, Pa. Shoe pressing machine. 2,004,820; June 11.
- McClendon, S. S., Jr., trustee. (See Nixon, Jeddy D., assignor.)
- McClew, John W. (See Taylor, R., Belas, and McClew.)
- McClew, John W., Liverpool, England, assignor to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 2,020,953; Nov. 12.
- McClintock, Arley D., Nescopeck, Pa. Making quilts. 1,991,689; Feb. 19.
- McClintock, Edward H., West Springfield, Mass. Structural unit. 2,001,428; May 14.
- McClintock, Edward H., West Springfield, Mass. Window frame and sash therefor. 2,010,550; Aug. 6.
- McClintock, Edward H., West Springfield, Mass. Floor construction. 2,015,568; Sept. 24.
- McClintock, James H. (See Anderson, William J., assignor.)
- McClintock, O. B., Company. (See McClintock, Oliver B., assignor.)
- McClintock, O. B., Company. (See McClintock, O. B., and Gabbert, assignors.)
- McClintock, O. B., Company. (See O'Kieffe, Charles D., assignor.)
- McClintock, O. B., Company. (See Schweiso, Clifford C., assignor.)
- McClintock, Oliver B., assignor to O. B. McClintock Company, Minneapolis, Minn. Bandit barrier system. 2,010,603; Aug. 6.
- McClintock, Oliver B., and F. A. Gabbert, assignors to O. B. McClintock Company, Minneapolis, Minn. Bullet-resisting structure. 1,986,213; Jan. 1.
- McClintock, William, Los Angeles, Calif., assignor to Pacific Clay Products. Clay feeding device. 1,996,930; Apr. 9.
- McClintock, William, Bronx, N. Y. Pressure regulating and reducing device. 2,008,722; July 23.
- McClintock, William J., Jr. (See James, H. E., and McClintock.)
- McCloskey, Charles L., assignor of one-half to Albert J. Ashton, Essex, Ontario, Canada. Waste pipe cleaner. 1,994,526; Mar. 19.
- McCloskey, Frederick W., Wilksburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Preventing breakage of armature leads. 1,991,057; Feb. 12.
- McCloskey, Frederick W., Wilksburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,005,903; June 25.
- McCloskey, Frederick W., Wilksburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Improving commutation. 2,024,740; Dec. 17.
- McCloud, Edward H., assignor to The Kinnear Mfg. Company, Columbus, Ohio. Door. 1,989,657; Jan. 29.
- McCloud, Edward H., assignor to The Kinnear Mfg. Company, Columbus, Ohio. Door. 1,989,658; Jan. 29.
- McCloud, Edward H., assignor to The Kinnear Manufacturing Company, Columbus, Ohio. Sealing strip for roll top doors. 1,995,431; Mar. 26.
- McCloud, Edward H., Columbus, Ohio, assignor to General Door Company, Reno, Nev. Overhead door. 2,007,688; July 9.
- McCloud, Edward H., Columbus, Ohio, assignor to General Door Company, Reno, Nev. Airplane hangar door for naval cruisers. 2,023,691; Dec. 10.
- McClure, Arthur W., assignor to McMillan Book Company, Syracuse, N. Y. Snapping loose leaf binder. 2,013,416; Sept. 3.
- McClure, Arthur W., assignor to McMillan Book Company, Syracuse, N. Y. Loose leaf binder. 2,021,737; Nov. 19.
- McClure, Arthur W., assignor to McMillan Book Company, Syracuse, N. Y. Loose leaf binder. 2,021,738; Nov. 19.
- McClure, Emmitt L., assignor of one-half to J. E. Garrett, Corpus Christi, Tex. Static controller. 1,997,224; Apr. 9.
- McClure, Harry T., Warwick, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Stretching and tacking implement. 2,009,116; July 23.
- McClure, Jack, assignor of fifty-five per cent to N. P. Wood, Poteau, Okla. Tire pressure indicator. 2,008,622; July 16.
- McClure, Paul J., Gloversville, N. Y. Spat. 2,021,189; Nov. 19.
- McClure, Raymond R. (See Church, J. W. and McClure.)
- McClure, Roy, Arco, Idaho. Milk can handling truck. 2,012,888; Aug. 27.
- McColl, Francis P., Ridgewood, N. J. Moistureproofing. 2,008,218; July 16.
- McColloch, John M., Lakewood, S. A. Daniels, Cleveland, and C. G. Herbert, Garfield Heights, Ohio. Producing mat finish on hardened rolls. 2,024,007; Dec. 10.
- McCollum, Andrew O., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic jack. 1,990,047; Feb. 5.
- McCollum, Andrew O., assignor to Hydraulic Brake Company, Detroit, Mich. Gear shifting mechanism. 2,014,195; Sept. 10.
- McCollum, Burton, Houston, Tex., assignor, by mesne assignments, to The Texas Company. Seismic method for profiling geologic formations. 2,021,943; Nov. 26.
- McCollum, Elton V., Ponca City, Okla., and G. C. McGhee, Eunice, La., assignors to Continental Oil Company, Ponca City, Okla. Making dip determinations of geological strata. 2,001,429; May 14.
- McComb, Grace M., Chicago, Ill. Artificial Christmas tree. 2,016,334; Oct. 8.
- McComb, James, Chicago, Ill. Stop light for automobiles. 2,023,486; Dec. 10.
- McCombe, William G., West Subiaco, Western Australia, Australia. Machine for the molding of tiles and the like. 2,019,428; Oct. 29.
- McConalogue, Wesley, Detroit, Mich. Device for reading of X-ray films. 2,010,551; Aug. 6.
- McConaughy, Harold L., West Orange, N. J. Dustless ash receiver. 2,013,498; Sept. 3.
- McConkey, Montgomery W. (See Semmes, H. H., and McConkey.)
- McConkey, Montgomery W., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,989,208; Jan. 29.
- McConkey, Montgomery W., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,992,226; Feb. 26.
- McConkey, Montgomery W., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,992,227; Feb. 26.
- McConkey, Montgomery W., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,001,971; May 21.
- McConkey, Montgomery W., and L. E. La Brie, assignors to Bendix Brake Company, South Bend, Ind. Brake. 1,989,207; Jan. 29.
- McConkie, James E., Portland, Oreg., assignor to American Can Company, New York, N. Y. Corrosion inhibition. 2,018,682; Oct. 29.
- McConnaughay, Kenneth E., assignor to Pre Cote Corporation, Indianapolis, Ind. Bituminous emulsion and preparing it. 1,989,374; Jan. 29.
- McConnaughay, Kenneth E., assignor to Pre Cote Corporation, Indianapolis, Ind. Bituminous emulsion. 2,003,860; June 4.
- McConnaughay, Kenneth E., assignor to Pre Cote Corporation, Indianapolis, Ind. Paving material and process of preparing it. 2,003,861; June 4.
- McConnell, Elliott B., assignor to The Standard Oil Company, Cleveland, Ohio. Making asphalt. 2,002,670; May 28.
- McConnell, James M., Jr., Snowflake, assignor of one-fourth to H. W. Culbertson, Gate City, Va., and one-fourth to Walter Gilliland, Bozeman, Mont. Automatic damper. 1,993,069; Mar. 5.
- McConnell, John L., Chicago, Ill. Trough and raceway for electric wires and cables. 2,023,433; Dec. 10.
- McConnell, Lincoln, Racine, Wis. Fish bag holder. 1,996,303; Apr. 2.
- McConway & Torley Corporation. (See Kelso, William, assignor.)
- McConway & Torley Company, The. (See Regan, William J., assignor.)
- McConway & Torley Company, The. (See Regan, W. J., and George, Jr., assignors.)
- McCord, Alvin C., Detroit, Mich. Drier. 2,008,183; July 16.
- McCord, Alvin C., Detroit, Mich. Drier. 2,013,572; Sept. 3.
- McCord, Alvin C., Chicago, Ill., assignor, by mesne assignments, to McCord Radiator & Mfg. Co., Detroit, Mich. Nozzle for hand driers. 1,997,387; Apr. 9.
- McCord, Claude M., Memphis, Tenn. Key. 2,014,112; Sept. 10.
- McCord, Floyd R., Indianapolis, Ind. Making stencils. 2,007,056; July 2.
- McCord Radiator & Mfg. Co. (See Bailey, Claude B., assignor.)
- McCord Radiator and Manufacturing Company. (See Hyde, Rollin M., assignor.)
- McCord Radiator & Mfg. Co. (See McCord, Alvin C., assignor.)
- McCord Radiator & Manufacturing Company. (See Palmer, G. B., Jr., Grubba, and Missner, assignors.)
- McCord Radiator & Mfg. Co. (See Tinkham, Guy L., assignor.)

- McCorkindale Company, The, et al. (See McCorkindale, William P., assignor.)
- McCorkindale, William H., Auckland, New Zealand. Churn. 2,022,428; Nov. 26.
- McCorkindale, William H., assignor to Vacu Churns Limited, Auckland, New Zealand. Butter churning means. 2,023,056; Dec. 3.
- McCorkindale, William P., South Hadley Falls, assignor of one-half to The McCorkindale Company, and one-half to American Writing Paper Company, Inc., Holyoke, Mass. Paper making. 2,009,184; July 23.
- McCorkindale, William P., South Hadley Falls, assignor of one-half to The McCorkindale Company, and one-half to American Writing Paper Company, Inc., Holyoke, Mass. Water-marking. 2,009,185; July 23.
- McCorkindale, William P., South Hadley Falls, assignor to The McCorkindale Company, Holyoke, Mass. Paper-making. 2,021,125; Nov. 12.
- McCorkle, James B., Atlanta, Ga., assignor to United States Gypsum Company, Chicago, Ill. Forming tool for metal tape. 1,991,328; Feb. 12.
- McCorkle, James B., Atlanta, Ga., assignor to United States Gypsum Company, Chicago, Ill. Trowel. 1,999,367; Apr. 30.
- McCormac, William J., Philadelphia, Pa. Lock. 1,990,794; Feb. 12.
- McCormack, Alex A., and W. W. Watt, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,010,924; Aug. 13.
- McCormack, Daniel J., York, Pa. Drum weir. 2,012,671; Aug. 27.
- McCormick, Allen, Portsmouth, Ohio. Automobile door-lock. 2,019,429; Oct. 29.
- McCormick, Augustus P., Alton, assignor to Standard Oil Company (Indiana), Chicago, Ill. Tube ring. 1,997,373; Apr. 9.
- McCormick Brothers Company. (See McCormick, Ora N., assignor.)
- McCormick, Chas. R. Lumber Co. (See McNeil, Duncan, assignor.)
- McCormick, Elmer, assignor to John Deere Tractor Company, Waterloo, Iowa. Tractor. 2,018,184; Oct. 22.
- McCormick, Francis H., Glen Ellyn, assignor to Edison General Electric Appliance Company, Chicago, Ill. Door-catch. 1,989,487; Jan. 29.
- McCormick, Howard P. (See Hamilton, W. G., Folis, and McCormick.)
- McCormick, Ora N., assignor to McCormick Brothers Company, Albany, Ind. Flour sifter. 2,024,978; Dec. 17.
- McCormick, Thomas J. (See Shoop, F. H., Grant and McCormick.)
- McCortney, Willett J. (See Bailey, E. L., and McCortney.)
- McCortney, Willett J., Royal Oak, and E. L. Bailey, Birmingham, assignors to Chrysler Corporation, Detroit, Mich. Forming hard rubber coatings. 2,008,028; July 16.
- McCowan, David A., Toronto, Ontario, Canada. Chair seat. 1,996,479; Apr. 2.
- McCowan, William. (See Twiss, D. F., and McCowan.)
- McCoy, Charles W., Spokane, Wash. Refrigerating process and apparatus. 2,013,692; Sept. 10.
- McCoy, Clarence E., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article conveying mechanism. 2,005,589; June 18.
- McCoy, Edward J. (See Von Sydow, R. W., and McCoy.)
- McCoy, George H., D. M. Wright and J. P. Hall, Bartow, Fla., assignors to Swift & Company Fertilizer Works, Chicago, Ill. Separation apparatus. 2,006,471; July 2.
- McCoy, George H., D. M. Wright, and J. P. Hall, Bartow, Fla., assignors, by mesne assignments, to Swift and Company Fertilizer Works, Chicago, Ill. Producing phosphatic materials. 2,017,468; Oct. 15.
- McCoy, John R., Los Angeles, Calif., assignor to Thomas J. Dee & Company, Chicago, Ill. Orthodontic device. 2,023,849; Dec. 10.
- McCoy, John W. (See Kirst, W. E., McCoy, and Woodbury.)
- McCoy, Robert L., assignor to Locke Insulator Corporation, Baltimore, Md. Slippage permitting clamp. 1,991,690; Feb. 19.
- McCoy, William, Zanesville, Ohio. Treating glazed ceramic ware. 2,017,318; Oct. 15.
- McCoy, William C., Cleveland, Ohio, assignor to Hookless Fastener Company. Fastener. 1,996,430; Apr. 2.
- McCoy, William C., Shaker Heights, Ohio. Apparatus for applying hoods to containers. 2,018,409; Oct. 22.
- McCracken, Robert H. (See Holden, A. D., McCracken, and Peirce.)
- McCrath, Robert, Lockport, N. Y., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Making radiators. 2,024,379; Dec. 17.
- McCray, Harry E., Reno, Nev. Apparatus and process for utilizing emanations from radio-active material. 1,991,934; Feb. 19.
- McCreary, Harold J., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Television. 2,013,162; Sept. 3.
- McCreary, Harold J., administrator. (See Engelhardt, Henry H.)
- McCreary, Thomas W., Monaca, Pa. Glassware. 1,993,412; Mar. 5.
- McCreery, Jesse, Omaha, Nebr. Dry cleaning apparatus. 2,016,552; Oct. 8.
- McCrery, Harold E., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Apparatus for handling material. 1,988,013; Jan. 15.
- McCrery, Harold E., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Rotary valve. 1,995,394; Mar. 26.
- McCrery, Harold E., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Cement batcher. 1,995,458; Mar. 26.
- McCrery, Harold E., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Mixer. 1,999,843; Apr. 30.
- McCrery, Harold E., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Automatic reversing mechanism. 2,003,719; June 4.
- McCrery, Harold E., Pittsburgh, Pa., assignor to Blaw-Knox Company, Blawnox, Pa. Spreading apparatus. 2,026,241; Dec. 31.
- McCrone, George A., Detroit, Mich. Fire grate. 2,016,869; Oct. 8.
- McCrosky Tool Corporation. (See Skeel, Lewis, assignor.)
- McCulloch, Albert P. (See McNulty, Richard J., assignor.)
- McCulloch, Norman E., and O. G. Thayer, Pawtucket, R. I., assignors to The Rayon Processing Co. of R. I. Inc. Coating. 2,014,947; Sept. 17.
- McCullough, Campbell R., Anniston, Ala., assignor to Swann Research, Incorporated. Production of acid alkali-metal pyrophosphates. 2,021,012; Nov. 12.
- McCullough, Campbell R., Anniston, Ala., assignor to Swann Research, Incorporated. Halogenation of diphenyl. 2,019,015; Oct. 29.
- McCullough, Fred H., Sacramento, Calif. Fair lead pulley. 2,020,073; Nov. 5.
- McCullough, Frederick S., Edgewood, Pa. Base and socket structure for radio tubes. 1,996,820; Apr. 9.
- McCullough, Frederick S., Edgewood, assignor to The Union National Bank of Pittsburgh, Pittsburgh, Pa. Thermionic tube. 1,991,767; Feb. 19.
- McCullough, Frederick S., Edgewood, assignor to The Union National Bank of Pittsburgh, Pittsburgh, Pa. Mounting tubular electrodes inside the vessels of space discharge devices. 2,023,931; Dec. 10.
- McCullough, Ida B. (See Bilderback, H. S., and McCullough.)
- McCullough, Ira J., Huntington Park, assignor to J. A. Kammerdiner, Los Angeles, Calif. Jar. 2,008,765; July 23.
- McCullough, Ira J., Huntington Park, assignor to James A. Kammerdiner, Los Angeles, Calif. Rotary jar. 2,016,607; Oct. 8.
- McCullough, Ira J., Huntington Park, assignor to J. A. Kammerdiner, Los Angeles, Calif. Jarring tool. 2,022,138; Nov. 26.
- McCullough, Jack. (See Eitel, W. W., and McCullough.)
- McCullough, Jack, San Bruno, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Filament support. 2,000,567; May 7.
- McCullough, Otis J., Huntington Park, Calif. Pipe perforator. 2,012,314; Aug. 27.
- McCullough, Otis J., Huntington Park, Calif. Inside casing cutter. 2,015,277; Sept. 24.
- McCullough, Otis J., Huntington Park, assignor to J. A. Kammerdiner, Los Angeles, Calif. Spear and releasable hammer. 2,020,561; Nov. 12.
- McCullough, Paul J., and A. H. Sullivan, St. Louis County, Mo. Amusement device. 2,004,290; June 11.
- McCullough, William E., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Cadmium base bearing metal. 1,988,504; Jan. 22.
- McCully, Verna G., New York, N. Y. Educational and amusement appliances. 2,025,295; Dec. 24.
- McCune, Herbert R. (See Randie, I. R., and McCune.)
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Lubricating device for compressors. 1,986,481; Jan. 1.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety car control device. 1,991,905; Feb. 19.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety car control equipment. 2,014,857; Sept. 17.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,021,798; Nov. 19.
- McCune, Joseph C., Edgewood, assignor, to The Westinghouse Air Brake Company, Wilmerding, Pa. Quick action valve. 2,024,653; Dec. 17.
- McCurdy, Douglas N. (See Fuchs, Eugene A., assignor.)
- McCurdy, Ralph E. (See Wentworth, R. A., and McCurdy.)
- McCurley, Charles, assignor to Clayton and Lambert Manufacturing Company, Detroit, Mich. Tire cover. 1,985,941; Jan. 1.
- McCutchan, Winfred N., and C. F. Arzberger, Peoria, Ill., assignors to Commercial Solvents Corporation, Terre Haute, Ind. Production of butyl alcohol by fermentation. 2,023,087; Dec. 3.
- McCutcheon, Brunson S. (See Frantz, S. G., and McCutcheon.)
- McDaniel, Michael R., Denver, Colo. Mounting for rimless spectacles and eyeglasses. 2,004,005; June 4.
- McDaniel, Alexander C. (See Kernodle, W. F., and McDaniel.)
- McDaniel, Donald J., Chicago, Ill. Dental instrument for removing impacted teeth. 2,002,245; May 21.

- McDaniel, Henry, New London, Wis. Folding crib. 2,002,607; May 28.
- McDaniel, John W., Tallahassee, Fla. Hair clipper. 1,993,939; Mar. 12.
- McDaniel, Omer, assignor to Mountain Varnish & Color Works, Inc., Toledo, Ohio. Coating composition. 2,021,131; Nov. 19.
- McDavitt, Carlisle N., Schenectady, N. Y., assignor to General Electric Company. Brake mechanism. 2,009,853; July 30.
- McDavitt, Marcellus B. (See Bascom, H. M., Friend, and McDavitt.)
- McDavitt, Marcellus B., New York, N. Y., assignor to American Telephone and Telegraph Company. Telephone system. 2,025,880; Dec. 31.
- McDermet, John R., Jeannette, assignor to Elliott Company, Pittsburgh, Pa. Spray device. 2,012,454; Aug. 27.
- McDermott, Cameron, Pewaukee, Wis. Apparatus for use in the instruction of swimming. 2,013,520; Sept. 3.
- McDermott, Frank A. (See Krug, W. F. and McDermott.)
- McDermott, Leon A., assignor to Howell Electric Motors Company, Howell, Mich. Condenser. 2,018,500; Oct. 22.
- McDermott, Percival J., assignor to Refiners Limited, Manchester, England. Agent for the purification of oils. 1,999,335; Apr. 30.
- McDermott, William J., Port Robinson, Ontario, Canada. Metal frame building. 2,010,552; Aug. 6.
- McDill, Rex D., East Cleveland, assignor to Adjustable Scaffold & Form Company, Cleveland, Ohio. Control operating mechanism. 1,990,048; Feb. 5.
- McDonald, A. Y., Mfg. Co. (See Groen, Christopher, assignor.)
- McDonald, Charles B., Detroit, Mich., assignor to Wilcox-Rich Corporation. Forming valve seat inserts. 1,987,784; Jan. 15.
- McDonald, Charles E., assignor of one-half to M. Houghton, Butte, Mont. Tobacco pipe. 2,020,898; Nov. 12.
- McDonald, Charles S., and J. F. Putnam, Berkeley, and R. M. McHale, Oakland, assignors to Standard Oil Company of California, San Francisco, Calif. Coating pipe and the like. 1,988,628; Jan. 22.
- McDonald, Dan, assignor to Master Filters, Inc., Los Angeles, Calif. Vacuum pump. 2,022,682; Dec. 3.
- McDonald, Duncan H., Dauphin, Manitoba, Canada. Weed destroyer. 1,988,972; Jan. 22.
- McDonald, Edward F. (See Parkinson, Roy W., assignor.)
- McDonald, Edward F., Buffalo, N. Y., assignor to Faries Manufacturing Company, Decatur, Ill. Smoking stand and accessories therefor. 1,999,139; Apr. 23.
- McDonald, Edward F., Buffalo, N. Y., assignor to Faries Manufacturing Company, Decatur, Ill. Smoking stand and accessories therefor. 1,999,140; Apr. 23.
- McDonald, Edward H., assignor of one-third to M. L. E. Manning, Great Falls, Mont. Razor blade holder. 1,993,107; Mar. 5.
- McDonald, Ernest P., Auburn, Ala. Pressure control valve. 2,025,603; Dec. 24.
- McDonald, Frank A. (See Mackintosh, Charles, assignor.)
- McDonald, General G., assignor of one-half to S. H. Searcy, Louisville, Ky. Vanity gear shift knob. 1,993,938; Mar. 12.
- McDonald, George D., Los Angeles, Calif. Fixture accessory. 1,989,329; Jan. 29.
- McDonald, Guy A., and D. Miller, Chicago Heights, Ill., assignors to Victor Chemical Works. Dentrifice preparation. 2,018,410; Oct. 22.
- McDonald, James J., San Jose, Calif. Sketching device. 1,992,083; Feb. 19.
- McDonald, John C., assignor of one-half to E. L. Corbett, New York, N. Y. Electrical heating apparatus. 1,990,238; Feb. 5.
- McDonald, Leonard, El Campo, Tex. Lettering machine. 1,991,401; Feb. 19.
- McDonald, Leslie R., Montreal, Quebec, Canada. Gyroscopic position indicator. 1,987,483; Jan. 8.
- McDonald, Lester. (See Foss, Benjamin O. P., assignor.)
- McDonald Liner, Inc. (See McDonald, Thomas R., assignor.)
- McDonald Printing Company, The. (See Carruthers, Thomas H., assignor.)
- McDonald, Robert E., San Antonio, Tex., dedicated to the free use of the Public. Machine and method for detecting pink bollworm in cotton seed. 2,002,745; May 28.
- McDonald, Thomas, and C. J. Paisley, Toronto, Ontario, Canada, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burning solid fuel. 1,991,691; Feb. 19.
- McDonald, Thomas R. (See Fean, William, assignor.)
- McDonald, Thomas R., assignor to McDonald Liner, Inc., Columbus, Ohio. Basket liner. 2,022,600; Nov. 26.
- McDonald, Thomas R., assignor to McDonald Liner, Inc., Columbus, Ohio. Basket liner. 2,022,601; Nov. 26.
- McDonald, William J. (See Wigness, Cornelius R., assignor.)
- McDonald, William R., Los Angeles, Calif. Game apparatus. 1,987,695; Jan. 15.
- McDonell, Frank W., Fairlawn, assignor to Hardwick, Hindle, Inc., Newark, N. J. Resistance unit. 2,021,436; Nov. 19.
- McDonell, Frank W., Fairlawn, and V. L. Osgood, West Orange, assignors to Hardwick, Hindle, Inc., Newark, N. J. Rheostat. 2,021,487; Nov. 19.
- McDonnell, Everett N., et al. (See Carlson, Oscar F., assignor.)
- McDonnell, Oscar L., Fresno, Calif. Hernial truss. 2,007,456; July 9.
- McDonough, Alexander J. (See Garllus, Bernt, assignor.)
- McDonough, Henry J., Modena, Wis. Seed planter. 1,994,196; Mar. 12.
- McDonough, Patrick T., West Newton, Mass. Signal switch. 1,987,534; Jan. 8.
- McDougall, Homer R., assignor to Eastman Kodak Company, Rochester, N. Y. Recovery of ingredients of plastic materials. 2,005,381; June 18.
- McDougall, Taine G., Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Igniting device for internal combustion engines. 2,003,453; June 4.
- McDougall, George F., Portland, Oreg. Power transmission. 2,024,698; Dec. 17.
- McDougall, George F., Portland, Oreg., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake mechanism. 2,004,078; June 4.
- McDowell, Chester A. (See Talbot, H. H., and McDowell.)
- McDowell, Clegg D., Erwin, N. C. Safety razor. 1,998,200; Apr. 16.
- McDowell, Clyde D., Bigelow, Mo. Illuminated bob for fishlines. 1,992,874; Feb. 26.
- McDowell, James T., H. L. Hartburg, G. W. Rienks, and J. Maudru, Denver, Colo. Storing sugar. 2,016,608; Oct. 8.
- McDowell National Bank, executors et al. (See Stanitz, J., and Boyer.)
- McDowell, Thomas, Utica, Ohio. Glass cutting machine and the like. 1,996,876; Apr. 9.
- McDowell, Thomas E. (See Wulfe, W. A., and McDowell.)
- McDowell, Thomas E., assignor to The Pyle-National Company, Chicago, Ill. Connector. 2,015,953; Oct. 1.
- McDuffie, William C., receiver. (See Craig, W. A., and Griffith, assignors.)
- McElhany, Robert D., and J. Borrowman, Beacon, N. Y. Hose coupling. 2,015,081; Sept. 24.
- McElmoyl, W. J., & Co. (See McElmoyl, William J., assignor.)
- McElmoyl, William J., assignor to W. J. McElmoyl & Co., Inc., Groveville, N. J. Hammer. 2,013,782; Sept. 10.
- McElroy, Harold S., Philadelphia, Pa. Packing and unpacking wall tile. 2,007,808; July 9.
- McElroy, Isaac E., Minneapolis, Minn. Adjustable standard. 1,999,844; Apr. 30.
- McElroy, Isaac E., and R. Davis, Minneapolis, assignors to Charles Arnao Company, Minneapolis, Minn. Hair drier. 2,012,473; Aug. 27.
- McElroy, John H. (See Erickson, Einar, assignor.)
- McElroy, Karl P., Washington, D. C., assignor to Gulf Refining Company, Pittsburgh, Pa. Making blended fuels. 2,012,199; Aug. 20.
- McElvain, Samuel M., Madison, Wis. Piperidine derivatives and producing them. 1,997,828; Apr. 16.
- McElvaney, Charles T., Dallas, Tex. Locomotive fire box construction. 2,008,559; July 16.
- McElwain, J. F., Co., et al. (See Haskell, H. M., and Paterson, assignors.)
- McElwaine, Clayton B., assignor of fifty-one per cent to H. N. Greis, Tulsa, Okla. Regulator valve. 2,013,860; Sept. 10.
- McEuen, Harry B., Jacksonville, Fla. X-ray tube anode. 1,993,376; Mar. 5.
- McEuen, Harry B., Jacksonville, Fla. Internal radiator for anodes. 1,994,140; Mar. 12.
- McEver, William L., Winston-Salem, N. C., assignor, by mesne assignments, to Decarie Incinerator Corporation, New York, N. Y. Incineration. 1,995,893; Mar. 26.
- McEver, William L., Yonkers, N. Y., assignor to Decarie Incinerator Corporation. Incinerator. 1,996,585; Apr. 2.
- McEver, William L., Yonkers, assignor to Decarie Incinerator Corporation, New York, N. Y. Incinerator. 1,997,306; Apr. 9.
- McEver, William L., Yonkers, and W. Raisch, Forest Hills, N. J., assignors to Municipal Sanitary Service Corporation, Press. 1,991,760; Feb. 19.
- McEvoy, J. H., & Company. (See Howard, James H., assignor.)
- McEvoy, Thomas E., Wichita, Kans. Combination cooker, fryer and bun warmer. 1,991,906; Feb. 19.
- McEwan, James H., assignor to Woodall-Duckham (1920) Limited, London, England. Charging apparatus for coke ovens. 2,009,940; July 30.
- McEwen, Norman S., assignor to Pinless Shirt Folding Co., Nashville, Tenn. Expanding collar ironing device. 1,996,548; Apr. 2.
- McEwen, Norman S., Nashville, Tenn., assignor to Callaway Mills, Lagrange, Ga. Laundry container. 2,015,119; Sept. 24.
- McFadden, Dennis and R. A., St. Paul, Minn. Highway safety guard. 2,013,716; Sept. 10.
- McFadden, Fay, Rutland, Vt. Lens indicating apparatus. 1,990,297; Feb. 5.
- McFadden, Raymond A. (See McFadden, Dennis and R. A.)
- McFadden, Ross M. (See Thompson John H., assignor.)
- McFadden, Ross M., Glendale, Calif. Curling device. 2,000,893; May 7.

- McFadden, Ross M., Glendale, Calif. Curler. 2,000,894; May 7.
- McFadden, Harlan J., Sr., assignor to Chrome Alloys Manufacturing Company, Oakland, Calif. Alloy. 2,012,966; Sept. 3.
- McFadyen, Landon E., Easton, Pa., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Cutter for hydraulic dredges. 2,017,816; Oct. 15.
- McFall, Frank H., assignor of one-half to A. L. Baker, Alliance, Ohio. Gas burner attachment. 2,001,972; May 21.
- McFall, Robert J., Cherrydale, and F. H. Roland, Ashton Heights, Va. Electrically controlled valve and operating the same. 2,016,507; Oct. 8.
- McFarland, Frank R., assignor to Sheffield Steel Corporation, Kansas City, Mo. Highway guard. 1,989,763; Feb. 5.
- McFarland, James L. (See Otis, A. N., and McFarland.)
- McFarland, Owen D., assignor to Roofing Machinery Mfg. Co., Chicago, Ill. Planetary cutting machine. 2,008,029; July 16.
- McFarland, Owen K., and C. A. Yeager, Philadelphia, Pa. Closet elbow connection. 2,021,317; Nov. 19.
- McFarlane, Maynard D., New York, N. Y. Method and apparatus for transmission of pictures. 2,002,208; May 21.
- McFarlin, John R., assignor to Electric Service Supplies Company, Philadelphia, Pa. Device for and method of protecting lightning arresters and the like against moisture. 2,012,689; Aug. 27.
- McGall, Albert, Orange, N. J. Football. 2,009,237; July 23.
- McGarry, Francis J., Toledo, Ohio. Drill jig. 2,014,025; Sept. 10.
- McGarry, James J., assignor to Niagara Machine & Tool Works, Buffalo, N. Y. Method and apparatus for forming a seam in a barrel or the like. 2,015,804; Oct. 1.
- McGarry, William H. (See Hazard, C. S., and McGarry.)
- McGary, Alexander, et al. (See Haunz, Charles F., assignor.)
- McGary, Charles E., Hardinsburg, and J. W. McGary, W. E. McGary, and J. H. McGary, Kirk, Ky. Tool for treating tobacco plants. 1,987,368; Jan. 8.
- McGary, John W. (See McGary, Charles E., J. W., W. E., and J. H.)
- McGary, Joseph H. (See McGary, Charles E., J. W., W. E., and J. H.)
- McGary, William E. (See McGary, Charles E., J. W., W. E., and J. H.)
- McGaughan, Henry T., and W. R. Ransom, Pontiac, Mich. Portable service station. 1,989,940; Feb. 5.
- McGavack, John, Leonia, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Creaming of latex. 1,989,241; Jan. 29.
- McGavack, John, Leonia, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Thickening latex. 1,991,402; Feb. 19.
- McGavack, John, Leonia, N. J., assignor, by mesne assignments, to General Rubber Company, New York, N. Y. Manufacture of crude rubber. 2,016,335; Oct. 8.
- McGavack, John, Leonia, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Producing chlorinated rubber and product thereof. 2,021,318; Nov. 19.
- McGavack, John, Leonia, and R. F. Tefft, Nutley, N. J., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Rubber for electrical insulation and water resistant materials and method of producing the same. 2,005,382; June 18.
- McGavock, Ephraim, Max Meadows, Va. Shot concentrator. 2,002,036; May 21.
- McGee, Frank R., Steubenville, Ohio. Furnace regenerator. 1,986,737; Jan. 1.
- McGee, Rupert B., Tampa, Fla. Direction signal light. 2,021,319; Nov. 19.
- McGehee, Herbert H., Memphis, Tenn., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,013,521; Sept. 3.
- McGhee, Charles R., and B. W. Gossett, Gastonia, N. C. Reworking textile rings. 2,025,881; Dec. 31.
- McGhee, Curtis E., Washington, D. C. Fire hook. 2,017,369; Oct. 15.
- McGhee, George C. (See McCollum, E. V., and McGhee.)
- McGiff, Alexander M., and W. Zeuner, New York, N. Y. Container for automobiles. 1,997,941; Apr. 16.
- McGill, Alryc U. (See McGill, Homer T., assignor.)
- McGill, Henry, Canterbury, Victoria, Australia. Variable speed power transmission mechanism. 2,021,460; Nov. 19.
- McGill, Homer T., assignor of one-half to A. U. McGill, Stuttgart, Ark. Cleaning and scouring material. 2,016,289; Oct. 8.
- McGill Manufacturing Company. (See Popp, Rudolf, assignor.)
- McGill, William H., Winchester, Mass. Grindstone. 2,000,772; May 7.
- McGillcuddy, Frank E., and M. P. Mockler, Cleveland, Ohio. Antitheft device for gasoline tanks. 1,999,336; Apr. 30.
- McGinley, Charles F. (See Chambers, F. A., and McGinley.)
- McGinley, William L., assignor to Tray Service Company, Dallas, Tex. Service tray for automobiles. 2,020,074; Nov. 5.
- McGinley, William L., assignor to Tray Service Company, Dallas, Tex. Service tray for automobiles. 2,024,463; Dec. 17.
- McGinness, James F., Spring Valley, N. Y. Combination trailer for highways and railroads. 2,021,075; Nov. 12.
- McGinnis, Jack. (See Davis, R. L., and McGinnis.)
- McGinnis, John A. (See Davis, W. T., and McGinnis.)
- McGinnis, Milton E., Petaluma, Calif. Trailer. 1,998,937; Apr. 23.
- McGinnis, Walter, Eagle Rock, and Z. Wirt, Los Angeles, Calif. Electrical connection. 2,003,788; June 4.
- McGirr, Theodore G., and T. M. Husch, Brooklyn, N. Y. Safety razor. 1,991,290; Feb. 12.
- McGlauffin, John R., Denver, Colo. Carpenter's tool. 2,000,773; May 7.
- McGogy, Donald H., McMinnville, Oreg. Fluid meter. 2,008,623; July 16.
- McGoldrick, William J., Marshfield Hills, assignor to General Plate Company, Attleboro, Mass. Thermostatic control. 1,997,262; Apr. 9.
- McGoldrick, William J., Watertown, Mass., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Thermostatic valve. 2,012,068; Aug. 20.
- McGonigal, Edward F. (See Sucky, R. R., McGonigal, and Bargar.)
- McGovern, Henry P., Marlboro, assignor to Dennison Manufacturing Company, Framingham, Mass. Display box. 1,998,881; Apr. 23.
- McGowan, Joseph, North Tiverton, R. I. Textile yarn. 1,997,771; Apr. 16.
- McGowen, William R., assignor to The McKay Company, Pittsburgh, Pa. Glider. 2,000,859; May 7.
- McGown, Lee D. (See Cocks, E., and McGown.)
- McGrath, James, Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Preparing cellulose derivatives. 1,998,463; Apr. 23.
- McGrath, John T., and R. B. Wilman, assignors to New England Fibre Blanket Company, Worcester, Mass. Tennis ball. 2,020,612; Nov. 12.
- McGrath, William L., assignor to Eclipse Machine Company, Elmira, N. Y. Starter drive control. 1,999,199; Apr. 30.
- McGrath, William L., Elmira, assignor to Eclipse Machine Company, Elmira Heights, N. Y. Engine starter drive. 2,017,566; Oct. 15.
- McGrath, William L., Elmira, assignor to Eclipse Machine Company, Elmira Heights, N. Y. Semiautomatic starter control. 2,021,516; Nov. 19.
- McGraw Electric Company. (See Ireland, Murray, assignor.)
- McGraw Electric Company. (See Scharf, Frank W., assignor.)
- McGraw, George, Queens Village, assignor to The Oakland Chemical Company, New York, N. Y. Skin cleansing and purifying cream. 2,015,179; Sept. 24.
- McGregor, Alexander G., London, England. Production and refining of metals. 1,992,084; Feb. 19.
- McGregor, Alexander G., London, England. Electrolytic refining and to the casting of anodes and the like. 1,996,342; Apr. 2.
- McGregor, Alexander G., London, England. Rotary furnace. 2,004,334; June 11.
- McGregor, Clarence E., Spring Lake, assignor to Bennett Pumps Corporation, Muskegon, Mich. Pump. 1,988,131; Jan. 15.
- McGregor, Harold E. (See Keefe, E. T., and McGregor.)
- McGregor, James B., Portland, Oreg. Thermostatically controlled dental equipment. 1,994,917; Mar. 19.
- McGregor, John E. M., London, England. Pneumatic ticket dispatch tube for telephone exchanges or the like. 1,990,913; Feb. 12.
- McGregor, Rob R., Swissvale, and E. W. Tillotson, Pittsburgh, assignors to Macbeth-Evans Glass Company, Charleston, Pa. Purifying sand. 2,023,278; Dec. 3.
- McGrew, Earl E., assignor to McGrew Machine Company, Lincoln, Neb. Brooder. 2,007,917; July 9.
- McGrew, James, Pittsburgh, Pa. Coal cleaning device. 1,996,821; Apr. 9.
- McGrew, John A., Albany, N. Y. Locomotive superheater construction. 1,992,497; Feb. 26.
- McGrew, John A., Albany, N. Y. Auxiliary propulsion unit. 2,024,298; Dec. 17.
- McGrew Machine Company. (See McGrew, Earl E., assignor.)
- McGuerty, Paul E., East Dedham, Mass. Coin controlled apparatus. 1,992,034; Feb. 19.
- McGuffin, Charlie L., Ada, Okla., Manifold valve for slush pumps. 2,017,033; Oct. 8.
- McGuigan, Louis B., Bryn Mawr, Pa. Automobile wheel. 2,008,330; July 16.
- McGuiness, William, Chicago, Ill. Boiler. 1,990,743; Feb. 12.
- McGuinness, Bernard A., Belmont, Mass. Window grating. 1,996,931; Apr. 9.
- McGuinness, Bernard A., Belmont, Mass. Window grating. 2,016,044; Oct. 1.
- McGuire, Archie G., Fort Dodge, Iowa. Semiautomatic transmission. 2,003,088; May 28.
- McGuire, Clarence V., Detroit, Mich. Inhalant device. 1,998,327; Apr. 16.
- McGuire, Daniel W., San Francisco, Calif. Book back protector. 1,995,128; Mar. 19.
- McGuire, George W., Beechhurst, N. Y., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Rake. 1,989,815; Feb. 5.

- McGuire, George W., Upper Montclair, N. J. Rake. 2,018,311; Oct. 22.
- McGuire, John A., et al. (See Colton, Rosto E., assignor.)
- McGurn, William C. (See Blomgren, Henry E., assignor.)
- McHale, Michael J., Scranton, Pa. Thread guide. 2,000,405; May 7.
- McHale, Michael J., Scranton, Pa. Thread guide. 2,023,179; Dec. 3.
- McHale, Roy M. (See McDonald, C. S., Putnam, and McHale.)
- McHenry, James, assignor of one-half to The Eastern Market Cold Storage Company, Detroit, Mich. Egg testing and grading machine. 2,020,511; Nov. 12.
- McHugh, Anthony L. (See Hornschuch, H., and McHugh.)
- McHugh, Anthony L., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Pumping mechanism. 1,991,761; Feb. 19.
- McHugh, Anthony L., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Locking device for pump impellers. 2,010,525; Aug. 6.
- McHugh, Anthony L., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Sealing device for centrifugal pumps. 2,017,544; Oct. 15.
- McIlvaine, Oran T., East Cleveland, assignor, by mesne assignments, to McIlvaine Patent Corporation, St. Charles, Ill. Vacuum tube. 1,993,108; Mar. 5.
- McIlvaine, Oran T., St. Charles, assignor to McIlvaine Patent Corporation, St. Charles, Ill. Photometric device. 2,015,431; Sept. 24.
- McIlvaine, Oran T., assignor to McIlvaine Patent Corporation, St. Charles, Ill. Gaseous discharge apparatus. 2,016,172; Oct. 1.
- McIlvaine Patent Corporation. (See McIlvaine, Oran T., assignor.)
- McIlvaine, Robert L., Oak Park, Ill. Production of castings or the like. 1,985,942; Jan. 1.
- McIlvane, William J., Bellerose, N. Y., assignor to Bridgeport Brass Company, Bridgeport, Conn. Ground rod. 2,004,999; June 18.
- Mclivried, Edwin J., Akron, assignor to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Controlling and indicating mechanism for winding apparatus. 1,990,834; Feb. 12.
- Mclivried, Howard G., Bellevue, Pa., assignor to American Sheet and Tin Plate Company. Rolling sheet metals. 2,025,002; Dec. 17.
- McIlwraith, John W. (See Gill, C. C., Julian, McIlwraith, and Rutledge.)
- McInerney, James L., Grand Rapids, Mich. Wire frame and joint therefor. 2,008,917; July 23.
- McInerney, James L., Grand Rapids, Mich. Auxiliary construction for seats, mattresses and the like. 2,012,575; Aug. 27.
- McInerney, John, New York, N. Y. Yielding wall joint. 2,013,693; Sept. 10.
- McIntire, Charles V., Short Hills, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Coke oven door assembly. 1,988,602; Jan. 22.
- McIntire, Charles V., Short Hills, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Steam accumulator. 2,012,315; Aug. 27.
- McIntire, James F., assignor to United States Radiator Corporation, Detroit, Mich. Boiler construction. 1,993,850; Mar. 12.
- McIntire, James F., assignor to United States Radiator Corporation, Detroit, Mich. Boiler construction. 1,993,851; Mar. 12.
- McIntire, James F., assignor to United States Radiator Corporation, Detroit, Mich. Apparatus for making radiators. 2,002,903; May 28.
- McIntire, James F., assignor to United States Radiator Corporation, Detroit, Mich. Apparatus for making radiators. 2,002,904; May 28.
- McIntire, William E., Montpelier, Ind. Gearing for ensilage distributors. 2,010,312; Aug. 6.
- McIntosh, Alexander, et al. (See Lier, Robert P., assignor.)
- McIntosh, James A., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Mechanical free-floating brake drum. 2,013,805; Sept. 10.
- McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Spraying apparatus for liquids. 1,986,444; Jan. 1.
- McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Refrigerating apparatus. 1,992,900; Feb. 26.
- McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Cock for gas stoves. 1,992,901; Feb. 26.
- McIntosh, Robert D., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Valve. 1,992,902; Feb. 26.
- McIntosh, Roy E., Caldwell, N. J., assignor to R. E. Ogden, Mountainville, N. Y. Expansion shield. 2,010,553; Aug. 6.
- McIntyre, Brouwer D., assignor to Monroe Auto Equipment Company, Monroe, Mich. Stabilizing means for vehicles. 2,020,899; Nov. 12.
- McIntyre, Patrick J., Detroit, Mich. Forming tubing. 1,999,818; Apr. 30.
- McIntyre, Patrick J., Detroit, Mich. Making tubing. 2,012,889; Aug. 27.
- McIntyre, Robert A., Bell, Calif. Valve. 2,025,296; Dec. 24.
- McKay, Clarence R., and J. H. Smith, Sand Springs, Okla., assignors to Sinclair Refining Company, New York, N. Y. Refining mineral oil. 2,022,358; Nov. 26.
- McKay Company, The. (See Carpenter, James W., assignor.)
- McKay Company, The. (See Goodman, Percival, assignor.)
- McKay Company, The. (See McGowen, William R., assignor.)
- McKay Company, The. (See Wells, Merritt R., assignor.)
- McKay, John, New Orleans, La., assignor to Cement Gun Company, Allentown, Pa. Fire or draft stop for piers, wharves, and the like. 2,019,188; Oct. 29.
- McKay, John W., Brooklyn, N. Y., assignor, by mesne assignments, to National Television Corporation, Wilmington, Del. Discharge lamp for producing a line of light. 2,014,858; Sept. 17.
- McKay Machine Company, The. (See Miller, Ralph J., assignor.)
- McKay, William A., Essex Fells, N. J., assignor to Westinghouse Lamp Company. Compact shockproof electrical discharge apparatus and producing the same. 1,986,482; Jan. 1.
- McKeage, John F., Montrose, Pa. Tapping bush for beer barrels. 2,011,937; Aug. 20.
- McKean, John G., Mount Vernon, and R. F. Jones, Glasgow, Scotland. Liquid fuel burning apparatus. 2,023,767; Dec. 10.
- McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Winding machine. 1,992,757; Feb. 26.
- McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Bobbin conveyor for winding machines. 2,000,774; May 7.
- McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Lap arrester for winding machines. 2,006,055; June 25.
- McKee, Andrew, deceased, by C. N. Anderson, administratrix, Ossining, N. Y. Steam boiler. 2,008,918; July 23.
- McKee, Arthur G., Cleveland, Ohio. Insulated blow pipe. 2,023,025; Dec. 3.
- McKee, Clarke W., San Diego, Calif. Girdle. 2,012,632; Aug. 27.
- McKee, Cyril M. (See Shaw, Lester C., assignor.)
- McKee, Garnet W. (See Olsen, Ove M., assignor.)
- McKee, Harry E., assignor of one-half to W. P. Guerin, Brooklyn, N. Y. Coupling for relatively rotatable wheel and axle. 2,013,968; Sept. 10.
- McKee, Harry H., assignor to Industrial Patents Corporation, Chicago, Ill. Meat package. 2,003,862; June 4.
- McKee, Harry H., and N. J. Dziedzic, assignors to Industrial Patents Corporation, Chicago, Ill. Slice evenner and stacker. 2,007,339; July 9.
- McKee, Harry H., and C. L. Lohner, assignors to Industrial Patents Corporation, Chicago, Ill. Container. 2,017,469; Oct. 15.
- McKee, Harry H., and L. S. Paddock, assignors, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Scalding hogs. 2,020,846; Nov. 12.
- McKee, James H., Pittsburgh, Pa., assignor to Pittsburgh Screw & Bolt Corporation. Balancing standard for propeller blades. 1,993,218; Mar. 5.
- McKee, John F., Lansdowne, assignor to Yarnall-Waring Company, Philadelphia, Pa. Stuffing box and packing therefor. 1,989,644; Jan. 29.
- McKee, John T., et al. (See Grayson, George W., assignor.)
- McKee, K. M. (See McKee, Louis H., assignor.)
- McKee, Louis H., assignor to K. M. McKee, Green Cove Springs, Fla. Tubular metal chair. 2,011,067; Aug. 13.
- McKee, Mary R., administratrix. (See McKee, Stillman W.)
- McKee, Otto F., near Eaton, Ohio. Seed planter and fertilizer. 1,990,795; Feb. 12.
- McKee, Ralph H., Jersey City, N. J. Preparing sulfite cooking liquor. 2,014,775; Sept. 17.
- McKee, Ralph H., Jersey City, and E. H. Morse, Nutley, N. J. Treating vegetable fibers. 2,018,276; Oct. 22.
- McKee, Stillman W., New York, assignor to Remington Rand Inc., Buffalo, N. Y. Display stand. 1,997,829; Apr. 16.
- McKee, Stillman W., deceased, late of Los Angeles, Calif., by M. R. McKee, Los Angeles, Calif., administratrix, assignor to Remington Rand, Inc., Buffalo, N. Y. Display stand. 2,019,826; Nov. 5.
- McKeen, Henry E., Montreal, Quebec, Canada. Retaining wall and constructing it. 2,000,492; May 7.
- McKeever, Hugh, Tulsa, Okla. Game apparatus. 2,001,330; Mar. 14.
- McKelge, Edward E., Girard, Pa., assignor to Louis Marx & Company, New York, N. Y. Toy stream lined railroad train. 2,019,690; Nov. 5.
- McKellip, Spencer W., assignor to Philadelphia Storage Battery Company, Philadelphia, Pa. Making sound reproducing diaphragms. 1,989,015; Jan. 22.
- McKelvey, John H., Kirkwood, and J. W. Rogers, University City, assignors to Laclede Christy Clay Products Company, St. Louis, Mo. Glass melting tank. 1,989,103; Jan. 29.
- McKenna Brass & Manufacturing Company, Inc. (See De Markus, Louis, assignor.)
- McKenna Brass & Manufacturing Co., Inc. (See Moberg, Evan L., assignor.)
- McKenna, Charles J., assignor to Atlas Supply Company, Newark, N. J. Support for electric batteries undergoing charging. 2,002,037; May 21.

- McKenna, Philip M., Unity Township, Westmoreland County, Pa., assignor to Vanadium-Alloys Steel Company, Latrobe, Pa. Composition of matter. 2,011,369; Aug. 13.
- McKenna, Philip M., Unity Township, Westmoreland County, assignor to Vanadium-Alloys Steel Company, Latrobe, Pa. Composition of matter for steel cutting tools, drawing dies, and the like. 2,021,576; Nov. 19.
- McKenzie Engraving Co. (See Benoit, Richard P., assignor.)
- McKenzie, Kenneth J., Chicago, Ill. Stair carpet, pad, and the like. 2,028,317; Dec. 31.
- McKenzie, Robert R., and E. E. Stoffer. McAllen, Tex. Toy gun. 1,995,682; Mar. 26.
- McKenzie, Samuel B., London, England. Hydraulic control for automobile transmissions. 2,012,398; Aug. 27.
- McKeon, Frank P., Branford, Conn. Radiator fitting. 2,002,038; May 21.
- McKeon, Harry J., Galesburg, Ill. Fastening device. 2,004,006; June 4.
- McKeon, Harry J., Galesburg, Ill. License tag. 2,013,282; Sept. 3.
- McKernan, Edward J., Topeka, Kans. Floor resurfacing device. 2,003,603; June 4.
- McKewen, John H. (See Schauer, L. L., Sosa, and McKewen.)
- McKichan, Matthew D., Toronto, Ontario, Canada. Sputum receptacle. 1,996,431; Apr. 2.
- McKillop, Edgar A., Hendersonville, N. C. Bobbin cleaning device. 2,014,689; Sept. 17.
- McKim, James B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Composite signaling system. 1,992,228; Feb. 26.
- McKim, James B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,024,692; Dec. 17.
- McKinley, Edwin W., Los Angeles, Calif. Snap action thermostat. 2,003,947; June 4.
- McKinley, John M., East Cleveland, and W. K. Carter, Columbus, Ohio, assignors to National Aluminate Corporation, Chicago, Ill. Fired siliceous tribarium aluminate refractory. 2,017,723; Oct. 15.
- McKinley, John M., East Cleveland, and W. K. Carter, Columbus, Ohio, said carter assignor to National Aluminate Corporation, Chicago, Ill., and said McKinley assignor to North American Refractories Company, Cleveland, Ohio. Siliceous refractory. 2,019,542; Nov. 5.
- McKinley, John M., East Cleveland, and W. K. Carter, Columbus, Ohio, assignor to National Aluminate Corporation, Chicago, Ill. Refractory ceramic. 2,019,618; Nov. 5.
- McKinley, John P., Buffalo, N. Y. Incinerator. 2,010,460; Aug. 6.
- McKinney, George W., Graham, N. C. Cotton picker. 1,995,103; Mar. 19.
- McKinney, James P., Jr., Pittsburgh, Pa., assignor, by mesne assignments, to The American Hardware Corporation, New Britain, Conn. Latch and lock mechanism. 2,002,542; May 28.
- McKinney, Robert M. (See Booge, J. E., McKinney, and Sullivan.)
- McKinney, Sallie B., Chattanooga, Tenn. Adjustable drier and stretcher form. 2,016,969; Oct. 8.
- McKinney Tool & Manufacturing Company. (See Rubin, Norbert, assignor.)
- McKinney Tool and Manufacturing Company, The. (See Rubin, Norbert C., assignor.)
- McKinnie, Roxton C., Detroit, Mich. Automatic hand riveting machine. 1,998,328; Apr. 16.
- McKinnis, Ronald B., Pittsburgh, Pa., assignor to Continental Can Company, Inc., New York, N. Y. Packaging coffee. 2,009,321; July 23.
- McKinnon, Herbert L., and M. E. First, assignors to C. O. Bartlett & Snow Company, Cleveland, Ohio. Apparatus for blending sand and like materials. 2,001,973; May 21.
- McKissick, William H., Tulsa, Okla. Sheave block. 1,994,024; Mar. 12.
- McKittrick, Ralph. (See Norris, Paul, assignor.)
- McKnew, Richard T., Washington, D. C. Wardrobe structure. 2,010,494; Aug. 6.
- McKune, Clifford A., San Francisco, Calif. Can opener. 1,992,498; Feb. 26.
- McKune, Frank B., Hamilton, Ontario, Canada. Apparatus for bottom pouring. 2,009,699; July 30.
- McLain, Dick R., Larchmont, and H. Simmonds, Jr., New York, N. Y. Apparatus for packing coffee. 1,991,564; Feb. 19.
- McLanahan, Alexander H., et al. (See Schulte, Edmund, assignor.)
- McLanahan, Charles M., Detroit, Mich. Motor vehicle drive. 2,005,263; June 18.
- McLane, Bertus L., Tulsa, Okla. Starting an internal combustion engine. 1,989,941; Feb. 5.
- McLane, Charles, assignor to Lufkin Foundry & Machine Company, Lufkin, Tex. Pumping power. 2,014,625; Sept. 17.
- McLaren, Don A., and A. O. Larson, Minneapolis, Minn. Baseboard structure. 1,988,603; Jan. 22.
- McLaren, Malcolm W. (See Cole, H. W., and McLaren.)
- McLaughlin, Dix B., Winona, Minn. Attrition mill. 2,013,246; Sept. 3.
- McLaughlin, Edison, Wendell, Idaho. Doubletree. 1,992,229; Feb. 26.
- McLaughlin, Frank L. (See Akers, Earl C., assignor.)
- McLaughlin Glass Co. (See Chilcote, Ray A., assignor.)
- McLaughlin, Harold J. (See Barreda, J. C., and McLaughlin.)
- McLaughlin, Herrold L. (See McLaughlin, Wilson L. and H. L., and Ballou.)
- McLaughlin, John E. (See Schreiber, C. W., and McLaughlin.)
- McLaughlin, John J., assignor to Buffalo Bolt Company, North Tonawanda, N. Y. Screw and trunnion nut device and making it. 2,002,671; May 28.
- McLaughlin, Milton P., Wakefield, Mass. Flexible metallic conduit. 1,998,632; Apr. 23.
- McLaughlin, R. Wayne, Scotia, N. Y., assignor to General Electric Company. Relief valve. 1,994,320; Mar. 12.
- McLaughlin, Walter J. (See Smith, E. C., and McLaughlin.)
- McLaughlin, William I., and H. N. Herrick, Berkeley, and R. G. Wedemeyer, Palo Alto, assignors to Standard Oil Company of California, San Francisco, Calif. Core orienting and well surveying device. 1,987,696; Jan. 15.
- McLaughlin, Wilson L., deceased, by Henry B. Lewis, administrator, and H. L. McLaughlin and V. Ballou; said H. L. McLaughlin and said V. Ballou assignors of their entire right to National Pure Water Corporation, Des Moines, Iowa. Steam generator and means for promoting the circulation of the liquid therein. 2,020,369; Nov. 12.
- McLaurin-Jones Co. (See Atwater, Henry, assignor.)
- McLaurin-Jones Co. (See Davis, Lewis, assignor.)
- McLaurin, William W., deceased, Brookfield, Mass.; Old Colony Trust Company, executor. Making sealing and reinforcing tapes and similar products. 1,989,875; Feb. 5.
- McLean, Donald G. (See Ballard, M. H., and McLean.)
- McLean, Harry C., and A. L. Weber, assignors to Endowment Foundation, New Brunswick, N. J. Removing spray residue from fruit. 2,003,005; May 28.
- McLean, Robert W., assignor to Carver Cotton Gin Company, East Bridgewater, Mass. Gumming appliance. 1,986,277; Jan. 1.
- McLean, Robert W., Bridgewater, assignor to Carver Cotton Gin Company, East Bridgewater, Mass. Gin. 1,988,850; Jan. 22.
- McLean, Robert W., Bridgewater, assignor to Carver Cotton Gin Company, East Bridgewater, Mass. Saw gumming apparatus. 1,994,077; Mar. 12.
- McLean, Robert W., assignor to Carver Cotton Gin Company, East Bridgewater, Mass. Fiber removing apparatus. 1,999,845; Apr. 30.
- McLean, William A., assignor to C. Schnackel's Son, Inc., Rochester, N. Y. Automatic valve. 2,013,316; Sept. 3.
- McLean, William L., Dallas, Tex. Display rack. 2,021,320; Nov. 19.
- McLellan, James H., Vancouver, British Columbia, Canada. Drink dispensing machine. 2,019,016; Oct. 29.
- McLellan, Kenneth L., Los Angeles, Calif., assignor to Kenway Corporation. Screen shading in photoengraving. 2,009,586; July 30.
- McLellan, Roderick I., Burlingame, Calif. Combination heating and irrigating system. 2,019,922; Nov. 5.
- McLelland, James, Elmwood Park, Ill. Roller. 1,995,315; Mar. 26.
- McLennan, Donald W., Seattle, Wash., assignor to Electrical Products Associates. Lighting fixture. 1,992,499; Feb. 26.
- McLeod, Archie K., Charlotte, N. C. Ironing board. 2,003,604; June 4.
- McLeod, Earl H., Rutherford, N. J., assignor to The International Printing Ink Corporation, New York, N. Y. Emulsion printing ink and making same. 2,005,945; June 25.
- McLeod, John D., Oakmont, Pa., assignor to Pittsburgh Plate Glass Company. Glass rack. 2,005,099; June 18.
- McLeod, Mordock, and J. Allan, Winnipeg, Manitoba, Canada. Firing indicator for internal combustion engines. 1,990,835; Feb. 12.
- McLeod, Nelson W., assignor to Handlan-Buck Manufacturing Company, St. Louis, Mo. Burner. 1,988,851; Jan. 22.
- McLeod, Robert R., Oakland, Calif. Hot plate. 1,989,284; Jan. 29.
- McLeod, Thomas, Elizabeth, N. J. Shock absorber. 2,019,620; Nov. 5.
- McLoughlin, James E. (See Gilbert, A. C., and McLoughlin.)
- McLoughlin, James E., Jr., assignor to The A. C. Gilbert Company, New Haven, Conn. Household mixer. 2,013,783; Sept. 10.
- McLoughlin Textile Corporation. (See Putnam, G. I. and Worthen, assignors.)
- McMackin, Fred W., Roanoke, Va. Automobile attachment. 2,015,315; Sept. 24.
- McMackin, John C., Ridgway, Pa. Tobacco pipe. 2,019,017; Oct. 29.
- McMahan, Walker Duncan, Long Beach, Calif. Tape cleaner. 1,987,264; Jan. 8.
- McMahon, Edward J., assignor to Bronson Reel Company, Bronson, Mich. Reciprocating mechanism. 1,986,590; Jan. 1.
- McMahon, Harry R., Coraopolis, Pa., assignor to Standard Steel Spring Company. Bumper end construction. 1,988,696; Jan. 22.
- McMahon, Harry R., Coraopolis, Pa., assignor to Standard Steel Spring Company. Bumper. 1,994,918; Mar. 19.

- McMahon, William, Lidcombe, near Sydney, New South Wales, Australia. Woodboring tool. 2,015,686; Oct. 1.
- McMahon, William F., Riverside, Calif. Oil well pump. 1,992,436; Feb. 26.
- McMakin, Davis. (See Marker, V. N., and McMakin.)
- McManamna, Gerald P., Seattle, Wash. Pneumatic propulsion device. 1,991,403; Feb. 19.
- McManamna, Gerald P., and K. F. J. Kirsten, Seattle, Wash. Gas gun. 2,001,207; May 14.
- McManus, Charles E., assignor to Crown Cork & Seal Company, Inc., New York, N. Y. Forming sealed containers. 2,004,079; June 4.
- McManus, John A. (See Thomson, Elibu, assignor.)
- McMartin, William B., Hoosick Falls, assignor to The Noble & Wood Machine Company, Hoosick Falls, N. Y. Device for treating paper stock. 2,016,647; Oct. 8.
- McMaster, Carlos L., Cleveland Heights, Ohio. Hose coupling. 2,002,121; May 21.
- McMaster, Donald, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic band. 1,987,072; Jan. 8.
- McMath, Robert B., Detroit, Mich. Humidifying apparatus or the like. 2,002,294; May 21.
- McMenamin, Joseph, Philadelphia, Pa. Tool handle. 2,018,376; Oct. 22.
- McMichael, Paul, Brooklyn, assignor to Allied Process Corporation, New York, N. Y. Treatment of argillaceous material. 1,999,773; Apr. 30.
- McMichael, Richard C. (See Sams, V. J., and McMichael.)
- McMillan, Ben L., Los Angeles, Calif. Bathtub. 2,011,228; Aug. 13.
- McMillan Book Company. (See McClure, Arthur W., assignor.)
- McMillan, Clyde, Toledo, Oreg. Drafting instrument. 1,993,347; Mar. 5.
- McMillan, Hugh P., Baltimore, Md. Adjustable handle for receptacle covers. 1,990,705; Feb. 12.
- McMillan, Hugh P., assignor to Samuel M. Dell and Company, Inc., Baltimore, Md. Adjustable handle for receptacle covers. 1,999,141; Apr. 23.
- McMillan-Miller Engineering Co. (See McMillan, Wesley K., assignor.)
- McMillan, Vernon R., Terre Haute, Ind. Table air pump. 1,998,908; Apr. 23.
- McMillan, Wallace A., Beacon, assignor to The Texas Company, New York, N. Y. Distilling and fractionating apparatus. 2,005,323; June 18.
- McMillan, Wesley K., San Francisco, Calif., assignor, by mesne assignments, to G. H. Haukeren, trustee for McMillan-Miller Engineering Co., San Francisco, Calif. Track assembly. 2,005,436; June 18.
- McMillan, William B., assignor to Hussmann-Ligonier Company, St. Louis, Mo. Refrigerator drip pan. 2,025,997; Dec. 31.
- McMillian, Laboru P. (See Kirk, James E., assignor.)
- McMinn, Wiley W. (See Hartley, George D., assignor.)
- McMinn, Wiley W. (See Ritchie, Charles L., assignor.)
- McMullan, Samuel, Downers Grove, and E. S. Strang, Oak Park, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Manufacturing non-ferrous alloy sheets and strips. 1,987,628; Jan. 15.
- McMullen, Charles. (See Baumann, H. N., Jr., and McMullen.)
- McMullen, Charles, assignor to The Carborundum Company, Niagara Falls, N. Y. Making refractory products and the like. 2,004,378; June 11.
- McMullen, Joseph E., Milwaukee, Wis. Ink fountain for printing presses. 2,017,545; Oct. 15.
- McMullen, Joseph I. (See Cohen, L., McMullen, and Mauborgne.)
- McMullen, Ralph W., East Grand Rapids, Mich. Fire extinguisher bracket. 2,017,319; Oct. 15.
- McMullen, Vincent E., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Varnishing machine. 1,991,620; Feb. 19.
- McMurdo, Hew B., Atlanta, Ga. Glasses. 2,009,700; July 30.
- McMurray, Harry G., Wakefield, and M. G. Norman, Beverly, assignors to Beckwith Manufacturing Company, Boston, Mass. Safety shoe. 2,020,037; Nov. 5.
- McMurry, Fred R., Westwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Paper feed mechanism. 1,987,484; Jan. 8.
- McMurry, Ralph B., Kalama, Wash. Abdominal support. 2,003,210; May 28.
- McNair, Charles W., assignor of one-half to B. D. Finannon, Jacksonville, Fla. Multiuse reading table. 2,014,394; Sept. 17.
- McNair, James S., Spokane, Wash. Machine and method for making packing integers. 1,992,537; Feb. 26.
- McNairy, Jacob W., Erie, Pa., assignor to General Electric Company. Circuit breaker. 1,995,894; Mar. 26.
- McNairy, Jacob W., Erie, Pa., assignor to General Electric Company. High speed protective system. 2,008,511; July 16.
- McNairy, Jacob W., and H. S. Ogden, Erie, Pa., assignors to General Electric Company. 2,006,173; June 25.
- McNairy, Jacob W., Erie, and H. G. Moore, Wesleyville, Pa., assignors to General Electric Company. Control system. 2,012,824; Aug. 27.
- McNairy, Jacob W., and J. F. Tritle, Erie, Pa., assignor to General Electric Company. Control system. 2,017,699; Oct. 15.
- McNally, Edward D., assignor to Reynolds Spring Company, Jackson, Mich. Cushion spring construction. 2,013,573; Sept. 3.
- McNally, James G. (See Beach, N. F., and McNally.)
- McNally, James G., and J. J. Schmitt, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose ester molding composition containing a diacyl derivative of 1,4-dioxane. 1,991,109; Feb. 12.
- McNally, James O., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 1,997,196; Apr. 9.
- McNally, James O., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 1,998,091; Apr. 16.
- McNally, Joseph F. (See Toomey, J. F., and McNally.)
- McNamara, Edward M., Chicago, Ill. Boiler and like furnaces. 2,005,264; June 18.
- McNamara, Frederick W. (See Sprague, F. D., and McNamara.)
- McNamara, Gordon G., Chicago, Ill., assignor to International Harvester Company. Metal wheel. 1,996,250; Apr. 2.
- McNamara, James G., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Typographical casting machine. 2,011,523; Aug. 13.
- McNamara, James G., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,011,524; Aug. 13.
- McNamara, John O. (See White, D. A., and McNamara.)
- McNamara, John T., assignor to Milton Bradley Company, Springfield, Mass. Shuttlecock. 2,016,252; Oct. 1.
- McNamara, Lena B., Norfolk, Va. Juice extractor and feeder. 2,014,236; Sept. 10.
- McNamara, Leo C., T. W. Potter, and I. M. Conway, Indianapolis, Ind., assignors to Journal Box Servicing Corporation, Indianapolis, Ind. Reclaiming used journal-box waste. 2,000,291; May 7.
- McNamara, Patrick B. (See Blanding, Joseph E., assignor.)
- McNamara, Russell E., assignor to The Wonder Motor Wheel Company Limited, St. Marys, Ontario, Canada. Detachable automobile rim. 1,991,813; Feb. 19.
- McNamara, William L., assignor to Capstan Glass Company, Connellsville, Pa. Temperature control and regulating device and method. 1,989,488; Jan. 29.
- McNamara, William L., assignor to Capstan Glass Company, Connellsville, Pa. Ring holder lock. 2,006,056; June 25.
- McNamara, William L., and L. P. Piazzoli, Jr., assignors to Capstan Glass Company, Connellsville, Pa. Vessel handling and finishing devices. 2,004,492; June 11.
- McNamee, Owen A., Worcester, Mass. Measuring device. 2,018,217; Oct. 22.
- McNary, Robert R. (See Midgley, T., Jr., Henne and McNary.)
- McNeal, Alexander, Bucyrus, Ohio. Stepladder. 2,007,057; July 2.
- McNeal, Daniel R., Abington, assignor to Andale Company, Philadelphia, Pa. Heat exchange apparatus. 1,994,779; Mar. 19.
- McNeal, Donald L., Wilkesburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Valve structure. 2,014,948; Sept. 17.
- McNeal, Donald L., Wilkesburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electro-pneumatic brake. 2,021,799; Nov. 19.
- McNeelan, Ferrell T., and J. L. Garrison, Overton, Tex. Valve. 2,010,194; Aug. 6.
- McNeill, Charles I., Bloomfield, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Electrical apparatus. 1,996,734; Apr. 2.
- McNeill, Charles I., Bloomfield, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Brush mechanism for dynamo-electric machines. 2,016,173; Oct. 1.
- McNeill, Charles I., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Electrical apparatus. 2,019,430; Oct. 29.
- McNeill, Claude P., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Handling sulphur. 1,993,973; Mar. 12.
- McNeill, Daniel W., assignor to The John Douglas Company, Cincinnati, Ohio. Metering faucet. 1,990,194; Feb. 5.
- McNeill, Duncan, San Francisco, assignor to Chas. R. McCormick Lumber Co., San Francisco, Calif. Dry ice refrigeration. 2,019,759; Nov. 5.
- McNeill, James G., et al. (See O'Malley, Edward, assignor.)
- McNeill, John P., Tucson, Ariz. Portable grinding machine. 2,023,335; Dec. 3.
- McNeill, William M. (See Ross, I. G., and McNeill.)
- McNeill, William M., Warren, Ohio, assignor to United States Gypsum Company, Chicago, Ill. Acoustical building construction. 1,998,425; Apr. 16.
- McNeill, William M., I. G. Ross, and F. A. Manske, Chicago, Ill., assignors to United States Gypsum Company, Chicago, Ill. Acoustical roof deck. 1,998,422; Apr. 16.
- McNeill, Frederic, Wilmette, assignor to T. W. McNeill, doing business as Boiler Room Improvement Co., Chicago, Ill. Liquid level indicator. 2,009,630; July 30.
- McNeill, James L., Richmond, Ind. Armature winding machine. 2,007,830; July 9.

- McNeill, Thomas W. (See McNeill, Frederic, assignor.)
- McNicol, James T. D., assignor of three-fourths to David & John Anderson, Limited, Glasgow, Scotland. Collar for personal wear. 2,001,883; May 21.
- McNish, Alexander F., Perth, Scotland. Apparatus for circulating the glass in glass furnace gathering basins. 2,021,013; Nov. 12.
- McNulty, Bernard L., assignor to Marblehead Lime Company, Chicago, Ill. Bag closure valve. 1,993,377; Mar. 5.
- McNulty, John W., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,000,775; May 7.
- McNulty, Richard J., Dorchester, assignor to A. P. McCulloch, Boston, Mass. Regulator valve. 1,987,746; Jan. 15.
- McNutt, Clara E., Toledo, Ohio. Forehead shield for beauty work. 2,023,279; Dec. 3.
- McNutt, James F., assignor to The American Decal Corporation, Youngstown, Ohio. Decalcomania and making the same. 1,996,549; Apr. 2.
- McNutt, Joseph D., assignor to Winchester Repeating Arms Company, New Haven, Conn. Priming mixture. 2,002,960; May 28.
- McNutt, Joseph D., New Haven, assignor to Winchester Repeating Arms Company, New Haven, Conn. Priming mixture. 2,004,505; June 11.
- McNutt, Joseph D., assignor to Winchester Repeating Arms Company, New Haven, Conn. Priming mixture. 2,005,197; June 18.
- McNutt, Joseph D., New Haven, Conn., assignor, by mesne assignments, to Winchester Repeating Arms Company. Priming mixture. 2,009,556; July 30.
- McOwen, Frederick. (See Metz, Carl, assignor.)
- McPartland, James H., St. John, New Brunswick, Canada. Combined motor and sail boat. 1,999,912; Apr. 30.
- McPartlin, Stephen E. (See Brown, A. G., and McPartlin.)
- McPhee, Harold L., Chicago, Ill. Condiment measuring and dispensing device. 2,002,039; May 21.
- McPherson, Allen T. (See Bowen, L., and McPherson.)
- McPherson, Bruce, assignor of one-half to T. W. Edwards, Greenville, S. C. Cigarette package. 2,009,143; July 23.
- McPherson, Duncan, San Diego, Calif. Can opening and liquid pouring device. 2,008,219; July 16.
- McPherson, Hal W., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerator latch. 2,001,740; May 21.
- McPherson, Howard A., Huntington Park, Calif., assignor to American Manganese Steel Co., Chicago Heights, Ill. Electrode furnace roof. 2,021,424; Nov. 19.
- McPherson, John S. (See Stertzbach, H. W., McPherson, and Filander.)
- McPherson, John S., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Draft mechanism. 2,013,759; Sept. 10.
- McPherson, Robert H., Bridgeport, and L. C. Carissimi, Fairfield, assignors to Consolidated Ashcroft Hancock Company, Inc., Bridgeport, Conn. Pen arm lifter. 2,022,866; Dec. 3.
- McQuade, John D., Lakewood, Ohio, assignor to Kemet Laboratories Company, Inc. Clean-up agent. 2,018,965; Oct. 29.
- McQuade, Walter, Port Washington, assignor to Johns-Manville Corporation, New York, N. Y. Structural unit with veined surface. 2,015,084; Sept. 24.
- McQuaid, Harry W., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Heat treating apparatus. 2,021,666; Nov. 19.
- McQuaid, Howard S., Lakewood, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Blanc fixe. 2,006,219; June 25.
- McQuaid, Howard S., Lakewood, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Crystallization of manganese nitrate hydrate. 2,017,980; Oct. 22.
- McQuaid, James W., Overton, Tex. Hydraulic pumping unit. 2,003,004; May 28.
- McQueen, Ulysses G., Beverly Hills, Calif. Extensible drawer mounting. 2,025,765; Dec. 31.
- McQuinn, Emmett G., assignor to The Hoosier Manufacturing Company, New Castle, Ind. Sink structure. 2,023,692; Dec. 10.
- McRae & Keeler Company. (See Pitman, La R. E., and Aronson, assignors.)
- McRae, Malcolm W. (See Magaw, J. P., and McRae.)
- McRae, Mary E., North Tonawanda, N. Y. Fertilizing implement. 2,014,003; Sept. 10.
- McRae, Randolph J., New York, N. Y. Demountable ionizing device. 2,012,015; Aug. 20.
- McRae, Randolph J., New York, N. Y., assignor to Radial Hydrocarbon Processes, Inc. Treating hydrocarbon oils. 2,001,741; May 21.
- McRill, Orville A., and F. M. Lappin, Wayne City, Ill. Shipping case. 1,994,108; Mar. 12.
- McSoley, Joseph F., Pawtucket, R. I. Clasp. 2,013,760; Sept. 10.
- McSwain, Melvin E., Memphis, Tenn. Minnow trap. 2,004,899; June 11.
- McTwiggan, James N., U. S. Navy. Alternating current bell. 2,006,363; July 2.
- McTwiggan, James N., U. S. Navy. Shock and vibration proof receptacle for electric lamps. 2,007,206; July 9.
- McVay, Walter E. (See Johnson, J. A., and McVay.)
- McVeigh, John R. (See Vincent, E. T., and McVeigh.)
- McVeigh, John R., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,987,303; Jan. 8.
- McVicker, Julius, Larchmont, N. Y. Hairpin. 1,996,588; Apr. 2.
- McVicker, Walter J., Minneapolis, Minn. Fisherman's position buoy. 1,993,974; Mar. 12.
- McWade, Robert, Jr., Los Angeles, Calif. Power transmission control. 1,986,214; Jan. 1.
- McWane, A. T., et al. executors. (See McWane, James R.)
- McWane Cast Iron Pipe Co. (See Claussen, A. W., and Floyd, assignors.)
- McWane Cast Iron Pipe Co. (See McWane, James R., assignor.)
- McWane, James R., deceased, Birmingham, A. T. and W. McWane and J. H. Cabaniss, executors, assignors to McWane Cast Iron Pipe Co., Birmingham, Ala. Forming metal fortified packer gaskets. 2,002,122; May 21.
- McWane, James R., deceased, Birmingham, Ala., A. T. McWane, W. McWane and J. H. Cabaniss, executors, assignors to McWane Cast Iron Pipe Co., Birmingham, Ala. Method of and apparatus for lining metal pipes. 2,002,701; May 28.
- McWane, William, et al., executors. (See McWane, James R.)
- McWhirter, Earl J., Seattle, Wash. Toothbrush. 2,016,153; Oct. 1.
- McWhirter, Erie M. S., and J. G. Flint, and S. Chapman, Aldwych, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Printing telegraph automatic exchange system. 1,987,408; Jan. 8.
- McWhirter, John S., Southport, Conn. Wheel refinisher. 1,999,418; Apr. 30.
- McWhirter, Mark H., assignor of one-half to E. G. Stafford, McCamey, Tex. Two-piece four-in-hand necktie. 2,002,825; May 28.
- McWhirter, William C., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Time governed circuit controlling mechanism. 1,989,522; Jan. 29.
- McWhirter, William C., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,003,382; June 4.
- McWhirter, William C., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Resilient coupling. 2,016,154; Oct. 1.
- McWhirter, William C., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Control apparatus for railway switches. 2,022,359; Nov. 26.
- McWhirter, William C., and E. G. Little, Wilkinsburg, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,000,860; May 7.
- McWhirter, William C., and E. G. Little, Wilkinsburg, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,019,189; Oct. 29.
- McWhorter, Meshack T., deceased, Cartersville, Ga., and J. R. Hiestand, Superior, Wis., W. T. Townshend, administrator. Method of and apparatus for sizing and/or separating fines. 2,026,318; Dec. 31.
- McWilliams, James B. (See Faries, R., and McWilliams.)
- McWilliams, James B., and L. A. Merk, assignors to Railway Maintenance Corporation, Pittsburgh, Pa. Apparatus for cleaning ballast. 2,025,543; Dec. 24.
- McWilliam, James E., North Oxford, Mass. Carding machine cleaner. 2,017,981; Oct. 22.
- McWilliams, John P., assignor to Youngstown Steel Door Company, Cleveland, Ohio. Railway car type container. 2,017,565; Oct. 15.
- McWilliams, John P., and F. Ditchfield, assignors to The Youngstown Steel Door Company, Cleveland, Ohio. Repair house car construction. 2,000,531; May 7.
- McWilliams, John P., and F. Ditchfield, assignors to The Youngstown Steel Door Company, Cleveland, Ohio. House car. 2,006,220; June 25.
- McWilliams, Joseph E., New York, N. Y. Safety razor. 1,999,941; Apr. 30.
- McWilliams, Joseph E., New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,021,076; Nov. 12.
- Meacham, Benjamin E., Lorain, Ohio, assignor to American Stove Company, St. Louis, Mo. Combined thermostatic and time heat control for stove ovens. 2,002,409; May 21.
- Meacham, Larned A., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical wave production. 2,022,969; Dec. 3.
- Mead, Andrew W., Seattle, Wash. Traffic buffer. 2,000,974; May 14.
- Mead, Brian. (See Lewis, W. K., and Mead.)
- Mead, Brian, Houston, Tex., assignor to Standard Oil Development Company. Distillation of acid treated oils. 2,025,766; Dec. 31.
- Mead, Edward D., Caldwell, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Timing mechanism. 1,993,793; Mar. 12.
- Mead, Frederic S., Cranston, R. I., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Apparatus and method for conveying threads. 2,004,169; June 11.
- Mead, George H., Providence, R. I. Bottle closure. 1,986,938; Jan. 8.

- Mead, Howard C., and C. A. Michel, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Head lamp. 1,987,697; Jan. 15.
- Mead Johnson & Company. (See Johnston, L. D., True, and Engel, assignors.)
- Mead, Merle A., Pomona, Calif. Fruit washer. 1,994,780; Mar. 19.
- Mead, Milton S. (See La Pierre, C. W., Mead, and Menger.)
- Mead, Milton S., Jr. (See Greentree, C. D., and Mead.)
- Mead, Reginald H. (See Kennedy, O. D., and Mead.)
- Mead Research Engineering Company, The. (See Clark, J. d'A., and Kidd, assignors.)
- Mead Research Engineering Company, The. (See Hochwalt, Carroll A., assignor.)
- Mead Research Engineering Company, The. (See Thomas, C. A., and Hochwalt, assignors.)
- Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,008,461; July 16.
- Mead, Theodore E., Evanston, Ill. Boat. 1,992,711; Feb. 26.
- Mead, John E., and E. W. Nystrom, assignors of one-half to Floridin Company, Warren, Pa. Plaster compositions and making the same. 2,012,069; Aug. 20.
- Meador, T. D. (See Tufts, Robert B., assignor.)
- Meadowcroft, Albert, Philadelphia, Pa. Miniature welding machine. 1,986,512; Jan. 1.
- Meadows, James E., San Francisco, Calif. Dental appliance. 2,003,692; June 4.
- Meagher, Glenn B., Chicago, Ill., assignor to The Kendall Company, Boston, Mass. Container for absorbent cotton. 2,004,614; June 11.
- Meagher, James H., Springfield, assignor to The Chapman Valve Manufacturing Company, Indiana Orchard, Mass. Temperature relief valve. 2,017,668; Oct. 15.
- Meagher, James H., Springfield, assignor to The Chapman Valve Manufacturing Company, Indian Orchard, Mass. Combination temperature and pressure relief valve. 2,020,075; Nov. 5.
- Meagher, John. (See Streb, R. J., Chappell, and Meagher.)
- Meahl, Harry R. (See Byrnes, I. F., and Meahl.)
- Meahl, Harry R., Schenectady, N. Y., assignor to General Electric Company. Piezo electric oscillation generator. 1,992,035; Feb. 19.
- Meakin, Edgar N., Berkeley, Calif. Pellet forming machine. 2,020,510; Nov. 12.
- Mealy, Charles A. (See Feid, C., and Mealy.)
- Means, Louis E., and L. C. Means, Natick, Mass. Lunar calendar. 2,015,805; Oct. 1.
- Means, Lucetta C. (See Means, Louis E., and L. C.)
- Meares, Lillian, Rutherford, N. J., assignor to Venus Corporation, New York, N. Y. Girdle. 1,987,965; Jan. 15.
- Mearl Corporation, The. (See Earle, Francis, assignor.)
- Mearns, William, Jr., Maplewood, N. J. Sill construction. 1,995,858; Mar. 26.
- Mears, Atherton H., and B. J. Wilson, assignors to Leeds & Northrup Company, Philadelphia, Pa. Fluid measuring system. 1,993,527; Mar. 5.
- Mears, Barton J., Cleveland, Ohio. Automobile heating and ventilating apparatus. 1,986,405; Jan. 1.
- Mears, George E., Los Angeles, Calif. Shower bath apparatus. 2,005,196; June 18.
- Mears, Stowell W., New York, N. Y. Humidifier. 2,004,821; June 11.
- Mecca, Vincenzo, New York, N. Y. Window lock. 2,023,850; Dec. 10.
- Mecham, D. B., et al, executors. (See Hitchcock, Reuben.)
- Mecham, Larned A., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phase shifting apparatus. 2,004,613; June 11.
- Mechana Kold Corporation. (See Limpert, Sylvester A., assignor.)
- Mechanical Devices Corporation of America. (See Browne, Montague P., assignor.)
- Mechanical Improvements Corporation. (See Johnson, Eldridge R. F., assignor.)
- Mechanical Informator (1933) Limited. (See Sandor, Nicholas, assignor.)
- Mechanical Marine Company, The. (See Drake, Marcus M., assignor.)
- Mechanical Mold Machine Company, The. (See Pfeifle, Fred J., assignor.)
- Mechanical Mold & Machine Company, The. (See Tham, Howard A., assignor.)
- Mechanical Parking Patents, Inc. (See Schraeder, Frank J., Jr., assignor.)
- Mechanical Refrigerated Car Company. (See Spobr, Carl W., assignor.)
- Mechanical Transfer Car Corporation. (See Wheeler, Helman K., assignor.)
- Mechanics Universal Joint Company. (See Harrison, O. H., Swenson, and Larson, assignors.)
- Mechanics Universal Joint Company. (See Swenson, Carl E., assignor.)
- Mechau, Robert, H. Eisenhut and P. Reinsch, assignors to the firm of Carl Zeiss, Jena, Germany. Apparatus for photo-telephones and the like. 2,010,313; Aug. 6.
- Mechelke, Walther, Berlin-Adlershof, Germany, assignor to General Electric Company. Elastic fluid generator or boiler. 1,998,329; Apr. 16.
- Mechler, Otto V., and W. W. Toxey, San Antonio, Tex. Shock eliminator. 2,013,356; Sept. 3.
- Mechlin, Ernest F., Washington, D. C., assignor to Locke Insulator Corporation, Baltimore, Md. Article spinning device. 2,009,629; July 30.
- Meckenstock, John W., assignor to Pettibone Mulliken Company, Chicago, Ill. Sealing means. 2,013,499; Sept. 3.
- Meckl, Lorenz, Lincoln Park, Mich. Casting apparatus. 1,992,230; Feb. 26.
- Meckler, Samuel, St. Paul, Minn. Combination gripper for printing presses. 2,014,975; Sept. 17.
- Mecuda, Joseph R., Milwaukee, Wis. Clinker tongs. 2,012,345; Aug. 27.
- Medalie, Matthew A., Minneapolis, Minn. Bib apron. 1,991,025; Feb. 12.
- Meddeman, Bert, et al. (See Bachmeyer, George J., assignor.)
- Meder, Georg, Munster-on-the-Taunus, E. Eggert, Frankfurt-on-the-Main-Sindlingen, and A. Grimm, Knapsack, near Cologne-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing acetyl chloride. 2,013,988; Sept. 10.
- Meder, Georg, Munster-on-the-Taunus, W. Geissler, Frankfurt-on-the-Main-Hochst, and E. Eggert, Frankfurt-on-the-Main-Sindlingen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing acetyl chloride. 2,013,989; Sept. 10.
- Meder, Georg, Münster on Taunus, and E. Eggert, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Disinfecting and preserving agent. 2,022,139; Nov. 26.
- Medholdt, Louis T. (See Mattison, C. L., and Medholdt.)
- Medico Chemical Corporation of America. (See Ostromislensky, Iwan I., assignor.)
- Medlin, John P., Great Falls, Mont., assignor to Railway & Industrial Engineering Company, Greensburg, Pa. Circuit breaker. 1,990,298; Feb. 5.
- Medlock, John J. (See Cargill, N. V., and Medlock.)
- Medoff, Morris, Bronx, N. Y. Airship. 1,998,380; Apr. 16.
- Meehan, John J., assignor of one-half to D. P. Clark, Washington, D. C. Washing apparatus. 2,010,195; Aug. 6.
- Meehan, John P., Los Angeles, Calif. License plate and sign. 2,012,346; Aug. 27.
- Meehan, Philip J., Philadelphia, Pa. Wrist pin lock. 1,994,617; Mar. 19.
- Meek, Jessie W., assignor of one-half to L. H. Walton, Deer Park, Wash. Closure for vacuum cleaner bags. 2,003,720; June 4.
- Meeker, David A. (See Johnston, H. L., and Meeker.)
- Meeker, George E., Utica, N. Y. Valve seat insert. 2,007,543; July 9.
- Meeker, William P., et al. (See Pfaging, Charles R., assignor.)
- Meeker, William P., and E. C. Price, Franklin, assignors to The Black-Clawson Company, Hamilton, Ohio. Siphon. 2,000,087; May 7.
- Meem, James C., Brooklyn, N. Y. Protecting wooden piles. 1,987,073; Jan. 8.
- Meeng, Harry E., Oak Park, assignor to W. D. Allen Manufacturing Company, Chicago, Ill. Sprinkler nozzle. 2,025,767; Dec. 31.
- Meer, Edward F., Monrovia, Calif. Apparatus for packing fruit. 2,015,455; Sept. 24.
- Meer, Raymond, Paris, France. Tempering of plate glass or other sheets made of any materials. 1,999,337; Apr. 30.
- Meer Made Products. (See Eidinger, Otto.)
- Meer-Made Products. (See Schroeder, Bernard A., assignor.)
- Meese, Frank, Chicago, Ill. Faucet and valve. 1,995,715; Mar. 26.
- Megdall, Sanford B., Brooklyn, N. Y. Rotating album mirror. 2,009,509; July 30.
- Meginniss, Francis R., assignor to Inertia Devices, Inc., Albany, N. Y. Flash lamp. 2,016,819; Oct. 8.
- Megley, Harley J., Chicago, Ill. Type bar machine. 2,000,088; May 7.
- Meglitz, William B., assignor to Brown Company, Berlin, N. H. Pipe trimming apparatus. 1,993,561; Mar. 5.
- Meharg, Laurence, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Automatic accepting and rejecting apparatus. 2,007,059; July 2.
- Mehlsen, Jens K., and A. C. Nielsen, Copenhagen, Denmark. Foam producing apparatus. 1,995,215; Mar. 19.
- Meier, Eugene F., Huntington, N. Y. Attaching means for removable dental bridges. 2,015,644; Sept. 24.
- Meier, Gustav W., Woodhaven, N. Y. Welding. 1,995,546; Mar. 26.
- Meier, Raymond J., Stonehurst Hills, Pa., assignor to General Electric Company. Electric circuit breaker. 1,992,036; Feb. 19.
- Meigs, Charles H., assignor to Du-Gas Fire Extinguisher Corporation, New York, N. Y. Fire extinguisher container. 1,987,785; Jan. 15.
- Meigs, Charles H., assignor to Du-Gas Fire Extinguisher Corporation, New York, N. Y. Fire extinguishing device. 2,003,300; June 4.
- Meigs, Joseph V., Dobbs Ferry, N. Y., assignor to Plastix Corporation, Wilmington, Del. Liquid coating composition. 1,993,708; Mar. 5.

- Meigs, Joseph V., Hastings-upon-Hudson, N. Y., assignor to Plastix Corporation, Wilmington, Del. Resinous product and making same. 2,001,430; May 14.
- Meigs, Joseph V., Brooklyn, assignor to The Barrett Company, New York, N. Y. Distillation of tar. 2,007,656; July 9.
- Meijer, Frans M., assignor to W. H. Levett, Amsterdam, Netherlands. Making coffee free from caffeine. 2,007,405; July 9.
- Meikle, Stewart G., Chicago, Ill. Ball washer. 2,023,932; Dec. 10.
- Meilink, Charles F., Toledo, Ohio. Repository safeguard. 1,986,840; Jan. 8.
- Meilink, Charles F., Toledo, Ohio. Deposit receptacle. 2,017,669; Oct. 15.
- Meilves, Adolph, assignor to Foster Brothers Manufacturing Company, St. Louis, Mo. Folding couch or dayenport. 2,019,266; Oct. 29.
- Meinecke, Christian W., East Orange, N. J., assignor to Meinecke & Company, New York, N. Y. Hospital tray. 2,026,396; Dec. 31.
- Meinecke & Company. (See Meinecke, Christian W., assignor.)
- Meincke, Howard D. (See Gephart, Orvon P., assignor.)
- Meinel, William J. (See Lambert, A. L., and Meinel.)
- Meinema, Herbert E. (See Crossley, A., and Meinema.)
- Meinig, Ernest E., Wyomissing, Pa. Imitation pig skin fabric glove. 2,019,621; Nov. 5.
- Meininghaus, Ulrich, Mulheim-Ruhr, Germany. Blade segments for radial flow machines. 2,006,683; July 2.
- Meininghaus, Ulrich, Mulheim-Ruhr, Germany. Blade ring for radial flow machines. 2,006,684; July 2.
- Meininghaus, Ulrich, Mulheim-Ruhr, Germany. Turbine. 2,020,793; Nov. 12.
- Meininghaus, Ulrich, Mulheim-Ruhr, Germany, assignor to The Holzwarth Gas Turbine Company, San Francisco, Calif. Method and apparatus for obtaining a pressure medium. 2,012,967; Sept. 3.
- Meinzer, Carl F. (See Brock, A. S., and Meinzer.)
- Meinzer & Kehm Company. (See Kehm, Arthur L., assignor.)
- Meinzingler, Jacob, assignor to G. M. Holley and E. Holley, of the Holley Carburetor Company, Detroit, Mich. Hot spot manifold. 2,005,869; June 25.
- Meirowsky & Co. A.-G., The Firm. (See Silbermann, Saloman, assignor.)
- Meis, Helmuth, Leverkusen-Wiesdorf, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Vulcanizing rubber. 1,990,609; Feb. 12.
- Meis, Helmuth, Leverkusen-Wiesdorf, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Vulcanization accelerator. 1,990,610; Feb. 12.
- Meisel, Charles A., Milton, assignor to Meisel Press Manufacturing Company, Boston, Mass. Printing press. 2,012,245; Aug. 20.
- Meisel, Charles A. and O. C. F. Milton, assignors to G. Laganas, Lowell, Mass. Control for shoe pressing elements. 1,989,600; Jan. 29.
- Meisel, Charles A., Milton, and G. R. Williams, Brookline, assignors to Meisel Press Manufacturing Company, Boston, Mass. Printing press. 2,017,010; Oct. 8.
- Meisel, Otto C. F. (See Meisel, Charles A. and O. C. F.)
- Meisel, Otto C. F., Milton, assignor to Meisel Press Manufacturing Company, Boston, Mass. Production of perforated webs. 2,007,544; July 9.
- Meisel Press Manufacturing Company. (See Meisel, Charles A., assignor.)
- Meisel Press Manufacturing Company. (See Meisel, Otto C. F., assignor.)
- Meisel Press Manufacturing Company. (See Meisel, C. A., and Williams, assignors.)
- Meisel, Werner. (See Miescher, K., Meisel, and Hoffmann.)
- Meisenburg, Kurt, Leverkusen, near Cologne-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Polymerizing organic compounds containing a double linkage and products obtainable thereby. 2,005,295; June 18.
- Meiser, Wilhelm. (See Neelmeier, W., and Meiser.)
- Meisner, Saul, Columbus, Ohio. Pie edge trimmer. 2,008,331; July 16.
- Meisser, Otto, assignor to the firm of Carl Zeiss, Jena, Germany. Pendulum for gravity determination. 1,987,786; Jan. 15.
- Meissner, Alexander, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Manufacturing thin dielectric materials for high potential work. 1,997,263; Apr. 9.
- Meissner, Alexander, assignor to Allgemeine Elektrizitäts Gesellschaft, Friedrich Karl Ufer, Berlin, Germany. Transmission line. 2,009,854; July 30.
- Meister, George, Newark, N. J., assignor to Westinghouse Lamp Company, Crayon, 2,013,417; Sept. 3.
- Meister, George W. (See Marden, J. W., and Meister.)
- Meiwald, Franz, Vienna, Austria. Knitted yarn and fabric made therefrom. 2,006,275; June 25.
- Meiwald, Franz, Vienna, Austria. Knitting machine. 2,016,870; Oct. 8.
- Meiwald, Franz, Vienna, Austria. Knitting device and method of knitting. 2,020,197; Nov. 5.
- Mekel, Johannes A. A. (See Aarts, C. J. G., and Mekel.)
- Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Heating apparatus. 2,009,092; July 23.
- Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,022,810; Dec. 3.
- Melas, William, assignor to Cochrane Corporation, Philadelphia, Pa. Mechanical relay apparatus. 2,010,554; Aug. 6.
- Melcher, Alfred A. (See Campbell, D. J., and Melcher.)
- Melder, Theodore, and M. O. Goldsmith, Boston, Mass. Clamping device. 1,997,425; Apr. 9.
- Meldrum, Arthur W. (See Willens, L., and Meldrum.)
- Melendy, Jesse G., Tarrytown, assignor to General Chemical Company, New York, N. Y. Purification of gases. 2,013,313; Sept. 3.
- Meley, Everett L., Beaumont, Tex., assignor to The Oil Conservation Engineering Company, Cleveland, Ohio. Oil tank gauging device. 2,009,117; July 23.
- Melhus, Irving E., Ames, Iowa. Herbicide. 2,007,433; July 9.
- Melind, Louis, Chicago, Ill. Time stamp. 2,013,784; Sept. 10.
- Melish, Thomas G., Cincinnati, Ohio. Head lamp. 1,986,351; Jan. 1.
- Melish, Thomas G., Cincinnati, Ohio. Head lamp. 2,021,563; Nov. 19.
- Melish, Thomas G., Cincinnati, Ohio. Head lamp. 2,022,295; Nov. 26.
- Melish, Thomas G., assignor to The Bromwell Wire Goods Company, Cincinnati, Ohio. Corn popper. 2,021,800; Nov. 19.
- Melker, Charles E., Hannibal, Mo. Piston rod connection. 1,997,884; Apr. 16.
- Mellen, Mabel L., executrix. (See Mellen, Mortimer H.)
- Mellen, Mortimer H., deceased, Cliftondale, Mass., M. L. Mellen, executrix. Light indicator for headlights. 1,992,231; Feb. 26.
- Mellentine, Edward J., Kapuskasing, Ontario, Canada. Paper making machine. 1,998,381; Apr. 16.
- Mellerio, Lucien P., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe stiffener and manufacture. 1,991,464; Feb. 19.
- Mellers, Eric V. (See Groombridge, W. H., and Mellers.)
- Mellin, Bror G. (See Doyle, W. L. H., and Mellin.)
- Melling, George, Jackson, Mich. Hydraulic feed and control mechanism. 1,999,248; Apr. 30.
- Melling, Joseph, Jackson, Mich. Clutch or brake, or like mechanism. 2,002,785; May 28.
- Melling, Joseph, Jackson, Mich., assignor to one-half to C. T. Cline, Jackson, Mich. Brake. 2,002,786; May 28.
- Mellon Institute of Industrial Research. (See Cretcher, L. H., and Nelson, assignors.)
- Mellon, James J., assignor to The Clark Controller Company, Cleveland, Ohio. Electric control for power operated machinery. 1,993,413; Mar. 5.
- Mellon, James J., assignor to The Clark Controller Company, Cleveland, Ohio. Electrical system and apparatus. 1,999,301; Apr. 30.
- Mellor, Adrien R., Beaumont, Calif. Pitting implement. 1,994,366; Mar. 12.
- Mellor, Adrien R., Beaumont, Calif. Milk pail holder. 2,007,207; July 9.
- Mellor, Adrien R., Beaumont, Calif. Window latch. 2,015,456; Sept. 24.
- Mellor, Albert, and R. J. Mann, Spondon, near Derby, England, assignors to Celanese Corporation of America. Finishing of fabrics. 2,016,383; Oct. 8.
- Mellor, Albert, and R. J. Mann, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile materials. 2,024,177; Dec. 17.
- Melott, John, assignor to C. E. Brown, Los Angeles, Calif. Valve for slush pumps. 1,990,557; Feb. 12.
- Melott, John M., assignor to C. E. Brown, Los Angeles, Calif. Valve for slush pumps. 2,002,672; May 28.
- Melsom, Sydney W., West Hartlepool, assignor to The Expanded Metal Company, Limited, London, England. Electrical resistance, resistance heater, and the like. 1,991,935; Feb. 19.
- Melton, Romie L. (See Benner, R. C. Kirchner, and Melton.)
- Melton, Romie L. (See Kirchner, H. P., Benner and Melton.)
- Melton, Romie L., assignor to The Carborundum Company, Niagara Falls, N. Y. Apparatus and method of determining the tenacity of bonded granular bodies. 2,001,794; May 21.
- Melton, Romie L. and J. Fitzpatrick, assignors to The Carborundum Company, Niagara Falls, N. Y. Apparatus for determining toughness or resistance to breakage of abrasive bodies by impact. 2,003,863; June 4.
- Melton, Romie L., R. C. Benner, and H. P. Kirchner, assignors to The Carborundum Company, Niagara Falls, N. Y. Preventing offset in printing. 2,011,181; Aug. 13.
- Meltsner, Max, New York, N. Y. Process and composition for the production of reflecting surfaces. 1,989,764; Feb. 5.
- Meltzer, Henry E., Racine, assignor to Allover Manufacturing Company, Racine, Wis. Piercing cap for nose rings. 2,024,699; Dec. 17.
- Melville, Alexander. (See Wrigley, J. H., and Melville.)
- Melville Shoe Corporation, et al. (See Haskell, H. M., and Paterson, assignors.)

- Melvin, John H., Westby, Mont. Animal trap. 2,020,153; Nov. 5.
- Melzer, Ferdinand, Hollis, N. Y., and A. J. Feltault, Bloomfield, N. J., assignors to Per-Co-Mak Corporation, New York, N. Y. Delivering measured quantities of liquid from a receptacle. 2,013,694; Sept. 10.
- Memco Engineering & Manufacturing Co. (See Mack, Edward A., assignor.)
- Memco Engineering and Manufacturing Company, Inc. (See Mack, Edward A., assignor.)
- Memorial Mausoleum Corporation. (See Brunk, Charles O. A., assignor.)
- Menasché, Vitali, assignor to Nomosquito, Paris, France. Apparatus for capturing insects. 2,013,969; Sept. 10.
- Menasha Wooden Ware Corporation. (See Hinton, George W., assignor.)
- Mendel, Alfred. (See Kleinmann, E., and Mendel.)
- Mendel, William, Beverly, N. J., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Artificial filament and its production. 2,002,153; May 21.
- Mendel, William, Beverly, and J. Titone, Burlington, assignors to Neidich Cel-Lus-Tra Corporation, Burlington, N. J. Lockstitch knit fabric. 2,010,787; Aug. 6.
- Mendelsohn, Harry, Detroit, Mich. Identification tag. 1,988,802; Jan. 22.
- Mendelsohn, Hyman, Brooklyn, N. Y. Gaseous luminous tubing circuit. 1,986,939; Jan. 8.
- Mendelsohn, Samuel, Brooklyn, N. Y. Electrically operated photoflash attachment. 1,986,513; Jan. 1.
- Mendelsohn, William A., and C. F. Shepard, assignors to New Era Optical Company, Chicago, Ill. Optical instrument. 1,990,459; Feb. 5.
- Mendelson, Charles, et al. (See Hamilton, Charles E., Sr., assignor.)
- Mendelson, Percy, et al. (See Hamilton, Charles E., Sr., assignor.)
- Mendenhall, Earl, and J. B. Van Horn, assignors to Menhorn, Inc., Los Angeles, Calif. Method of and apparatus for maintaining dielectric properties of a nonconductive medium. 1,989,104; Jan. 29.
- Mendenhall, Earl, and J. B. Van Horn, assignors to Menhorn, Inc., Los Angeles, Calif. Bearing structure. 2,002,908; May 28.
- Mendenhall, Earl, and J. B. Van Horn, assignors to Menhorn, Inc., Los Angeles, Calif. Submersible structure. 2,002,909; May 28.
- Mendenhall, Earl, and J. B. Van Horn, assignors to Menhorn, Inc., Los Angeles, Calif. Submersible motor with mercury-sealed balancing means. 2,002,910; May 28.
- Mendenhall, Earl, and J. B. Van Horn, assignors to Menhorn, Inc., Los Angeles, Calif. Inverted motor for pumps. 2,002,911; May 28.
- Mendenhall, Earl, and J. B. Van Horn, assignors to Menhorn, Inc., Los Angeles, Calif. Control device for pumping systems. 2,002,912; May 28.
- Mendenhall, Earl, and J. B. Van Horn, assignors to Menhorn, Inc., Los Angeles, Calif. Submersible motor structure with mechanical seal. 2,002,913; May 28.
- Mendenhall, Earl, Los Angeles, and J. B. Van Horn, Alhambra, assignors to Menhorn, Inc., Los Angeles, Calif. Construction for submersible motors and the like. 2,002,914; May 28.
- Mendenhall, Earl, J. B. Van Horn, and C. J. Coberly, said Mendenhall and said Van Horn assignors to Menhorn, Inc., Los Angeles, Calif. Motor construction. 2,002,915; May 28.
- Mendenhall, Earl, Los Angeles, and J. B. Van Horn, Alhambra, assignors to Menhorn, Inc., Los Angeles, Calif. Submersible motor construction. 2,002,916; May 28.
- Mendenhall, Earl, and J. B. Van Horn, assignors to Menhorn, Inc., Los Angeles, Calif. Sealing device. 2,002,917; May 28.
- Mendenhall, Earl, J. B. Van Horn, and C. J. Coberly, said Mendenhall and said Van Horn assignors to Menhorn, Inc., Los Angeles, Calif. Fluid-packed seal. 2,002,918; May 28.
- Mendenhall, Earl, Los Angeles, and J. B. Van Horn, Alhambra, assignors to Menhorn, Inc., Los Angeles, Calif. Oil-filled electric motor structure. 2,011,341; Aug. 13.
- Mendenhall, Earl, J. B. Van Horn, and C. J. Coberly, said Mendenhall and said Van Horn assignors to Menhorn, Inc., Los Angeles, Calif. Apparatus for loading and unloading fluid packed seals. 2,020,512; Nov. 12.
- Mendenhall, Earl, Los Angeles, and J. B. Van Horn, Alhambra, assignors to Menhorn, Inc., Los Angeles, Calif. Oil-sealed submersible structure. 2,020,513; Nov. 12.
- Mendenhall Gold Concentrator Company. (See Mendenhall, Walter E., assignor.)
- Mendenhall, Walter E., Prescott, Ariz., assignor to Mendenhall Gold Concentrator Company. Gold recovery machine. 2,006,596; July 2.
- Mendius, William, Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Fractionating hydrocarbons. 2,009,557; July 30.
- Mendoza, Mordecai, West Didsbury, and W. A. Sexton, Huddersfield, England, assignors to Imperial Chemical Industries, Limited. Dyeing process. 2,008,766; July 23.
- Mendoza, Mordecai, West Didsbury, England, assignor to Imperial Chemical Industries Limited. Azo dye and its preparation. 2,021,917; Nov. 26.
- Menefee, Arthur R. (See Armstrong, H. H., and Menefee.)
- Menefee, James W., Fort Wayne, Ind. Bobber. 2,004,414; June 11.
- Mengdehl, Helmut. (See Baehr, H., and Mengdehl.)
- Menge, Emma M., Newton, Mass. Flower holder. 2,005,467; June 18.
- Menge, Emma M., Newton, Mass. Household art link series and combinations including same. 2,007,580; July 9.
- Mengel Company, The. (See Schwender, Edward W., assignor.)
- Mengel Company, The. (See Sliger, Oscar, assignor.)
- Mengel J. William. (See Clark, Robert G., assignor.)
- Mengel, J. William. (See Curiioni, Aldo, assignor.)
- Menhorn, Inc. (See Mendenhall, E., and Van Horn, assignors.)
- Menger, Adolf, Krefeld-Bockum, Germany, assignor, by mesne assignments, to Unyte Corporation, New York, N. Y. Effecting adhesion. 2,015,806; Oct. 1.
- Menger, Edward W., San Antonio, Tex. Horn mount. 2,003,896; June 4.
- Menger, Francis B. (See La Pierre, C. W., Mead and Menger.)
- Menger, Francis B. (See Price, A. L., and Menger.)
- Menger, Francis B., Schenectady, N. Y., assignor to General Electric Company. Surge current instrument. 2,018,459; Oct. 22.
- Mengle, Glenn A., assignor to Brockway Sales Company, Brockway, Pa. Combined bottle cap and fountain applicator build. 2,017,603; Oct. 15.
- Menhorn, Inc. (See Mendenhall, E., and Van Horn, assignors.)
- Menhorn, Inc. (See Mendenhall, E., and Van Horn, assignors, and Coberly.)
- Menhorn, Inc. (See Mendenhall, E., Van Horn, and Coberly, assignors.)
- Menhorn, Inc. (See Sessions, Charles R., assignor.)
- Menke, Edward W., et al. (See Brewer, Clarence T., assignor.)
- Menke, Edward W., Chicago, Ill. Treating grain with fluids. 1,987,304; Jan. 8.
- Menesson, Marcel, Neuilly-sur-Seine, assignor to Societe Anonyme de Construction de Materiel Automobile S. A. C. M. A., Paris, France. Pneumatic measuring device. 2,026,187; Dec. 31.
- Menober, Harrison D., Belle Vernon, assignor to American Window Glass Company, Pittsburgh, Pa. Packing bench. 1,992,831; Feb. 26.
- Menough, Paul S., Mount Lebanon, assignor to The Duraloy Company, Pittsburgh, Pa. Fabricated damper. 2,003,154; May 28.
- Mensing, Richard, Neustadt, Haardt, Germany. Filtering apparatus and operating the same. 2,014,144; Sept. 10.
- Mentges, John, Sidney, Ohio. Display rack. 2,009,741; July 30.
- Menton, Joseph B., Detroit, Mich., assignor to Murray Corporation of America. Door armrest. 1,996,480; Apr. 2.
- Menton, Joseph B., Detroit, Mich., assignor to The Murray Corporation of America. All-metal car body. 2,025,065; Dec. 24.
- Mentzer, Charles T., Jr. (See Lenher, S., and Mentzer, Jr.)
- Menzel, Erich, Berlin, Germany. Stand for fountain pens and the like. 1,995,547; Mar. 26.
- Menzel, Friedrich, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Electric switch. 2,006,317; June 25.
- Menzer, Sidney J. (See Metcalfe, G., Menzer, and Moncrieff.)
- Menzies, William C., Scranton, Pa. Apparatus for separating materials of different specific gravities. 1,990,129; Feb. 5.
- Meon Engineering Corporation. (See Meon, Howard C., assignor.)
- Meon, Howard C., Cleveland, Ohio, assignor to Meon Engineering Corporation, New York, N. Y. Propeller blade mounting for variable pitch propellers. 2,017,505; Oct. 15.
- Mephram, Geo. S., Corporation. (See Stinson, Thane K., assignor.)
- Mercelis, Jean, Antwerp, Belgium. Manufacture of white Portland cement in a rotary kiln. 1,987,485; Jan. 8.
- Mercer, Nicholas, New York, N. Y. Razor blade stropper. 2,017,320; Oct. 15.
- Mercereau, James T., Sharon, and A. J. Maslin, Sharpville, assignors to Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa. Regulating system. 2,000,776; May 7.
- Merchant, Harvey M., Minneapolis, Minn. Mop. 1,988,457; Jan. 22.
- Merchant, Paul W., Texarkana, Tex., Contacting hydrocarbon oil with a liquid reagent. 2,016,336; Oct. 8.
- Mercier, Jean, Neuilly-sur-Seine, France. Compensating device acting between the different pneumatic mountings of a vehicle. 2,003,511; June 4.
- Mercier, Jean, Neuilly-sur-Seine, France. Piston. 2,012,049; Aug. 20.
- Mercier, Jean, Neuilly-sur-Seine, France. Cushioning device. 2,017,419; Oct. 15.
- Mercier, Louis M., Neuilly-sur-Seine, France. Pressure control for pneumatic tires. 2,004,822; June 11.
- Mercier, Stanley M., Boston, Mass., assignor, by mesne assignments, to Silas Mason Company, Inc. Conveyor apparatus. 1,999,419; Apr. 30.
- Merck & Co. (See Burnham, Stanley W., assignor.)
- Merck & Co. (See Cline, Joseph K., assignor.)
- Merck & Co. (See Major, Randolph T., assignor.)
- Merck & Co. (See Major, R. T., and Cline, assignors.)

- Merck & Co. (See Major, R. T., and Ruigh, assignors.)
 Merco Centrifugal Separator Co., Ltd. (See Peltzer, Albert, and Albert, Jr., assignors.)
 Merco Nordstrom Valve Company. (See Nordstrom, Sven J., assignor.)
 Mercury Manufacturing Company. (See Schroeder, William, assignor.)
 Meredith, Frederick W., South Farnborough, and P. A. Cooke, London, England. Control apparatus for aeroplanes and other dirigible objects. 1,992,086; Feb. 19.
 Meredith-Jones, Hubert, New York, N. Y. Electric oven. 2,025,515; Dec. 24.
 Meredith, Sherman C., San Mateo, P. W. Alston, Concord, and E. T. Winslow, Saratoga, Calif., assignors to Spreckels Sugar Company, San Francisco, Calif. Method and apparatus for recovering sugar. 2,016,609; Oct. 8.
 Mergenthaler Linotype Company. (See Ackerman, William, assignor.)
 Mergenthaler Linotype Company. (See Albrecht, Christian A., assignor.)
 Mergenthaler Linotype Company. (See Hilpman, John H., assignor.)
 Mergenthaler Linotype Company. (See Kingsbury, George F., assignor.)
 Mergenthaler Linotype Company. (See McNamara, James G., assignor.)
 Mergenthaler Linotype Company. (See Mead, Richard R., assignor.)
 Mergenthaler Linotype Company. (See Seat, Jay L., assignor.)
 Mergenthaler Linotype Company. (See Stouges, Anthony J., assignor.)
 Mergenthaler Linotype Company. (See Walsh, John B., assignor.)
 Mergott, J. E., Company. (See Hering, William C., assignor.)
 Mergott, J. E., Company. (See Lindy, Mordie L., assignor.)
 Merica, Paul D., New York, N. Y.; J. S. Vanick, Elizabeth, and T. H. Wickenden, Roselle, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Chill cast iron alloy. 1,988,910; Jan. 22.
 Merica, Paul D., New York, N. Y.; J. S. Vanick, Elizabeth, and T. H. Wickenden, Roselle, N. J., assignors, by mesne assignments, to The International Nickel Company, Inc., New York, N. Y. Chill cast iron alloy. 1,988,911; Jan. 22.
 Merica, Paul D., New York, N. Y.; J. S. Vanick, Elizabeth, and T. H. Wickenden, Roselle, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Chill cast iron alloy. 1,988,912; Jan. 22.
 Merideth, Walter C., and O. A. Sidwell, Denver, Colo. Automobile doorlatch. 2,021,565; Nov. 19.
 Meriguet, Julien F., St. Junien, France. Manufacture of gloves. 1,999,338; Apr. 30.
 Merk, Friedrich, Frankfurt-on-the-Main, Germany. Telephone installation. 1,999,104; Apr. 23.
 Merk, Lawrence A. (See McWilliams, J. B., and Merk.)
 Merkel, Arthur W. (See Hagler, C. E., and Merkel.)
 Merkel, Henry W., Cincinnati, Ohio. Cord take-up and control apparatus. 2,019,989; Nov. 5.
 Merkel, Joseph F., assignor to General Railway Signal Company, Rochester, N. Y. Tractive type relay. 2,002,475; May 21.
 Merkel, Joseph F., assignor to General Railway Signal Company, Rochester, N. Y. Tractive type relay. 2,002,476.
 Merkel, Joseph F., assignor to General Railway Signal Company, Rochester, N. Y. Light signal for railroads. 2,002,477; May 21.
 Merkel, Joseph F., assignor to General Railway Signal Company, Rochester, N. Y. Direct current polar relay. 2,013,990; Sept. 10.
 Merkschlager, Karl, Nuremberg, Germany. Galvanizing apparatus. 2,016,446; Oct. 8.
 Merki, Werner. (See Gams, A., and Merki.)
 Merley, Sylvan R., Palmyra, N. J., assignor to Doherty Research Company, New York, N. Y. Producing metal alkyl sulphates. 1,998,411; Apr. 16.
 Merlon Company. (See Logan, George H., assignor.)
 Mermizis, Anastasios S., Kansas City, Kans. Grease retaining bushing. 1,995,548; Mar. 26.
 Merolle, Augustus L., assignor of one-half to Empire Metal Cap Co., Inc., Brooklyn, N. Y. Receptacle closure and manufacture thereof. 1,990,744; Feb. 12.
 Meron, Frederic, Paris, France. Transporting and hoisting under carriage. 1,993,245; Mar. 5.
 Merrell, Wm. S., Company, The. (See Rider, Theodore H., assignor.)
 Merriam, Charles J., Minnetka, assignor to Stephen G. Wright, Chicago, Ill. Non-blistering roofing and preparing same. 2,022,429; Nov. 26.
 Merriam, Henry F., West Orange, N. J., assignor to General Chemical Company, New York, N. Y. Manufacture of sulphuric acid. 1,995,360; Mar. 26.
 Merriam, Henry F., West Orange, N. J., assignor to General Chemical Company, New York, N. Y. Manufacture of sulphuric acid. 2,023,203; Dec. 3.
 Merriam, Isaac B., Barrington, assignor to Manville Jenckes Corporation, Manville, R. I. Fabric. 1,987,858; Jan. 15.
 Merrick, Frank W., Dorchester, assignor to American Stay Company, East Boston, Mass. Sewing machine attachment or accessory. 1,989,489; Jan. 29.
 Merrick, Frank W., Boston, assignor to American Stay Company, East Boston, Mass. Loom picker. 2,025,417; Dec. 24.
 Merrick, Herbert L., Passaic, N. J. Weighing and material feeding means. 2,008,030; July 16.
 Merrifield, Richard. (See Burkle, Robert, assignor.)
 Merrigan, William J., assignor to Herberts Machinery Company, Ltd., Los Angeles, Calif. Spindle shaper. 1,989,285; Jan. 29.
 Merrigan, William J., assignor to Herberts Machinery Company, Ltd., Los Angeles, Calif. Circular saw. 1,993,219; Mar. 5.
 Merrigan, William J., assignor to Herberts Machinery Company, Ltd., Los Angeles, Calif. Tilttable table top. 2,005,100; June 18.
 Merrigan, William J., assignor to Herberts Machinery Co., Ltd., Los Angeles, Calif. Lathe. 2,005,101; June 18.
 Merrigan, William J., assignor to Herberts Machinery Co., Ltd., Los Angeles, Calif. Jointer fence. 2,007,581; July 9.
 Merrill, Allan B. (See Nathan, T. D., and Merrill.)
 Merrill, Allan B., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Cathode insulation. 1,994,144; Mar. 12.
 Merrill, Allan B., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Valve for corrosive fluids. 1,998,882; Apr. 23.
 Merrill, Allan B., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Transmission belt. 2,004,479; June 11.
 Merrill, Allan B., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Resilient construction unit. 2,023,280; Dec. 3.
 Merrill, Allan B., Akron, and C. C. Curtis, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Lineman's protective sleeve and making the same. 1,988,604; Jan. 22.
 Merrill, Charles F., and G. C. Young, assignors to Draper Corporation, Hopedale, Mass. Method of and means for operating on sheet metal articles. 2,024,108; Dec. 10.
 Merrill, Charles O., Des Moines, Iowa. Coupling. 2,013,283; Sept. 3.
 Merrill Company, The. (See Cornell, Mead, assignor.)
 Merrill Company, The. (See Mills, L. D., Crowe, and Lennox, assignors.)
 Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Insecticide and fungicide and producing same. 1,988,175; Jan. 15.
 Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Poly-glycol arsenite and producing same. 1,988,176; Jan. 15.
 Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Insecticide and wood preservative and producing same. 1,988,177; Jan. 15.
 Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Insecticide and wood preservative and producing same. 1,988,178; Jan. 15.
 Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Production of lubricating oil. 1,988,803; Jan. 22.
 Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Petroleum plastic. 1,989,045; Jan. 22.
 Merrill, David R., Long Beach, and A. L. Blount, Wilmington, assignors to Union Oil Company of California, Los Angeles, Calif. Separation and recovery of naphthenic acids and phenols. 2,000,244; May 7.
 Merrill, David R., Long Beach and P. Subkow, assignors to Union Oil Company of California, Los Angeles, Calif. Extraction process. 2,002,702; May 28.
 Merrill, Donald G., assignor to Hartford-Empire Company, Hartford, Conn. Speed regulating mechanism. 1,999,774; Apr. 30.
 Merrill, George A., Redwood City, Calif. Insulated monolithic hollow wall construction. 2,007,689; July 9.
 Merrill, Josiah L., Jr. (See Lewis, Benjamin F.)
 Merrill, Marcellus S., Denver, Colo. Frame straightening apparatus for automobiles. 2,013,785; Sept. 10.
 Merrill, Patterson D., South Bend, Ind. Attachment base for vertical shafts. 1,997,870; Apr. 16.
 Merrill, Patterson D., assignor to M. B. Skinner Co., South Bend, Ind. Pipe joint sealing means. 1,994,527; Mar. 19.
 Merrill, Ralph K. (See Nordmark, H. P., and Merrill.)
 Merrill, Wallace D., Sierra Madre, Calif., assignor, by mesne assignments, to American Gyanamid & Chemical Corporation. Fumigating pump. 2,015,723; Oct. 1.
 Merrill, Wilbur L., Scotia, N. Y., assignor to General Electric Company. Dishwashing apparatus. 1,995,318; Mar. 26.
 Merrill, Wilbur L., and F. B. Fisher, Scotia, N. Y., assignors to General Electric Company. Indexing punch presses. 2,021,077; Nov. 12.
 Merrimac Chemical Co. (See Dyer, Colver P., assignor.)
 Merrimac Chemical Co., Inc. (See Wilson, William S., assignor.)
 Merriman, Isaac B., Barrington, assignor to Evermoist Razor Company, Warren, R. I. Safety razor. 1,991,404; Feb. 19.
 Merriman, Isaac B., Barrington, assignor to Evermoist Razor Company, Warren, R. I. Safety razor. 1,991,405; Feb. 19.

- Merriman, Michael W., Cleveland, Ohio. Manhole frame and cover. 2,004,335; June 11.
- Merritt, Ansel J., New York, N. Y. Filter. 1,999,913; Apr. 30.
- Merritt, Ericsson H., Lockport, N. Y., assignor, by mesne assignments, to Laminating Patents Corporation, Seattle, Wash. Application of materials to surfaces. 1,999,509; Apr. 30.
- Merritt, Frank R., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole pressing pad. 2,017,982; Oct. 22.
- Merritt, John B. (See Holt, C. K., Marsh and Merritt.)
- Merritt, Matthew M. (See Connor, J. H., and Merritt.)
- Merritt, Matthew M., Middleton, assignor to The Tanning Process Company, Boston, Mass. Apparatus for use in the treatment of hides, skins, and leather. 1,993,109; Mar. 5.
- Merritt, Matthew M., Middleton, assignor to The Tanning Process Company, Boston, Mass. Tanning hides and skins. 1,993,298; Mar. 5.
- Merritt, Matthew M., Middleton, assignor to The Tanning Process Company, Boston, Mass. Machine for use in treating hides, skins, leather, and other similar pieces of work. 2,015,755; Oct. 1.
- Merritt, Richard S. (See Keller, F., and Merritt.)
- Merritt, William F., Livingston, N. J. Sandwich cooker. 1,990,412; Feb. 5.
- Marrow Machine Company, The. (See Jenni, Frédéric, assignor.)
- Marrow Machine Company, The. (See Talmadge, Louis H., assignor.)
- Marrow Machine Company, The. (See Washburn, John M., assignor.)
- Merry, Clayton B. (See Merz, F. J., Jr., and Merry.)
- Merrythought Limited. (See Rendle, Clifton J., assignor.)
- Mersbach, Clarence M., Chicago, Ill. Ash tray and the like. 2,006,811; July 2.
- Mersereau, Edward C. (See Miller, F. D., and Mersereau.)
- Mersereau, Everard C., assignor to National Brake Company, Inc., Buffalo, N. Y. Hand brake mechanism. 1,995,432; Mar. 26.
- Mersereau, Everard C., assignor to National Brake Company, Inc., Buffalo, N. Y. Holding and releasing mechanism. 2,019,190; Oct. 29.
- Mershon, Ralph D., New York, N. Y. Terminal for electrolytic condensers and rectifiers. 2,014,004; Sept. 10.
- Mershon, Ralph D., New York, N. Y. Electrode or terminal for electrolytic apparatus. 2,014,005; Sept. 10.
- Mershon, Ralph D., New York, N. Y. Electrolytic rectifier and condenser. 2,024,240; Dec. 17.
- Merta, Hugo, La Crosse, Wis. Heat exchanger. 2,011,370; Aug. 13.
- Merté, Willy, assignor to the firm Carl Zeiss, Jena, Germany. Photographic objective having an iris diaphragm. 2,015,491; Sept. 24.
- Mertens, Frederick H., Jersey City, N. J. Screw top wrench. 2,024,800; Dec. 17.
- Mertis, Elmer E., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Feed for wrapping machines. 2,009,197; July 23.
- Mertz, Theodore J. (See Magnus, E. G., and Mertz.)
- Mertz, Theodore, assignor to J. L. Younghusband, Chicago, Ill. Display holder. 2,018,861; Oct. 29.
- Mervosh, Pete, et al. (See Komadina, George, assignor.)
- Mervyn, Charles R., Cleveland, Ohio. Copyholder. 1,937,202; Jan. 8.
- Merwin, George M., Berwyn, Ill., assignor to International Harvester Company. Cutting mechanism for ensilage cutters. 1,992,437; Feb. 26.
- Merwin, Harry H., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,006,404; July 2.
- Merz & Co. (See Steinbreck, Adolf, assignor.)
- Merz, Frank J., Jr., and C. B. Merry, Seattle, Wash. Toy balloon tire wheel. 1,997,115; Apr. 9.
- Messinger, William F., Flushing, assignor to The Linde Air Products Company, New York, N. Y. Method and apparatus for transferring gas material. 2,018,144; Oct. 22.
- Mess, Wilbur K., Newark, N. J. Attachment plug and receptacle. 2,003,948; June 4.
- Messer, William E., Cheshire, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Latex composition. 1,995,859; Mar. 26.
- Messer, William E., New Haven County, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Reacting mercaptothiazoles with primary aromatic amines and formaldehyde. 1,996,011; Mar. 26.
- Messler, George L. R. J. deceased, by Yvonne L. Messier (born Bonnamy), administratrix, Paris, France. Remote control apparatus. 2,013,665; Sept. 10.
- Messier, George L. R. J. deceased, Montrouge, France; Yvonne L. Messier, born Bonnamy, administratrix. Feed device for hydraulic transmissions. 2,014,338; Sept. 10.
- Messier, George L. R. J. deceased, by Yvonne L. Messier (born Bonnamy), administratrix, Paris, France. Hydraulic apparatus for controlling brakes. 2,014,339; Sept. 10.
- Messier, Yvonne L. (born Bonnamy), administratrix. (See Messier, George L. R. J.)
- Messing, Joseph A. (See Frank, H. J. L., and Messing.)
- Messing, Joseph A. (See Frank, W. H., and Messing.)
- Messing, Joseph A. (See Frank, W. H., Messing and H. J. L. Frank.)
- Messing, Joseph A. (See Frank, W. H., Messing, and Jenkins.)
- Messinger, Charles, Jamaica, N. Y. Carding construction for belt lacing hooks. 2,015,492; Sept. 24.
- Messinger Devices, Incorporated. (See Messinger, Lester H., Jr.)
- Messinger, Herbert W., Aurora, Ill. Bleeder device. 2,024,654; Dec. 17.
- Messinger, Lester H., Jr., Trumbull, assignor to Messinger Devices, Incorporated, Bridgeport, Conn. Carburetor bypass valve and control means therefor. 2,017,914; Oct. 22.
- Messinger, Lester H., Jr., Trumbull, assignor to Messinger Devices, Incorporated, Bridgeport, Conn. Carburetor. 2,021,694; Nov. 19.
- Messinger, Lester H., Jr., Trumbull, assignor to Messinger Devices, Incorporated, Bridgeport, Conn. Carburetor. 2,021,695; Nov. 19.
- Messler, Harry P., Trenton, N. J., assignor to G. S. Blakeslee & Co., Cicero, Ill. Dishwashing machine. 2,016,115; Oct. 1.
- Messmer, Charles A., St. Louis, Mo. Decorating leather. 2,014,263; Sept. 10.
- Messmer, Charles A., assignor to St. Louis Cutting Die Company, Inc., St. Louis, Mo. Shoe making last. 2,014,262; Sept. 10.
- Messner, Arthur J., Rochester, N. Y., assignor of one-half to Elmer L. Schumacher, Southbridge, Mass. Capsule. 2,004,957; June 18.
- Mesta Machine Company. (See Bedell, Carl E., assignor.)
- Mesta Machine Company. (See Fisk, Gustaf L., assignor.)
- Mesta Machine Company. (See Iversen, Lorenz, assignor.)
- Mesta Machine Company. (See Iversen, L., Noble and Bedell, assignors.)
- Meston, Aleck W. (See Cheney, M. E., and Meston.)
- Meszar, John, Bogota, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,005,590; June 18.
- Meszar, John, Bogota, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic disconnect system. 2,023,606; Dec. 10.
- Metal Alloys, Inc. (See Warner, Thomas H., assignor.)
- Metal Building Company, The. (See Fox, Charles J., assignor.)
- Metalcraft Corporation. (See Korte, Alfred C., assignor.)
- Metal Finishing Research Corporation. (See Tanner, R. R., and Ledeen, assignors.)
- Metal Finishing Research Corporation. (See Tanner, R. R., and Thompson, assignors.)
- Metal Finishing Research Corporation. (See Thompson, J. S., and Darsey, assignors.)
- Metallicard A. G. (See Seifert, Richard, assignor.)
- Metallophon Company, Aktiengesellschaft. (See Biber, Wilhelm, assignor.)
- Metal Package Corporation. (See Hopkins, Arthur G., assignor.)
- Metals Disintegrating Company. (See Hall, Everett J., assignor.)
- Metals Research Syndicate. (See Sparks, Stanley W., assignor.)
- Metal Textile Corporation. (See Brandell, Raymond E., assignor.)
- Metal Textile Corporation. (See Ellis, Norman S., assignor.)
- Metal Textile Corporation. (See Kingman, Russell B., assignor.)
- Metal Textile Corporation. (See Mayer, Daniel J., assignor.)
- Metal & Thermit Corporation. (See Earle, Francis, assignor.)
- Metal & Thermit Corporation. (See Kroll, Wilhelm, assignor.)
- Metcalf, George F., Schenectady, N. Y., assignor to General Electric Company. Cathode ray apparatus. 2,024,979; Dec. 17.
- Metcalf, Herbert E. (See Lippincott, D. K., and Metcalf.)
- Metcalfe, George, S. J. Menzer, and R. W. Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Apparatus for winding thread. 2,022,379; Nov. 26.
- Metcalfe, Percy W., assignor of one-half to Clayton Metcalfe & Company, Limited, Halifax, England. Leashing of hanks of yarn. 2,006,247; June 25.
- Metcalfe, Robert F., Los Angeles, Calif. Clutch operating mechanism. 2,019,315; Oct. 29.
- Metcalfe-Shaw, Edward, Chiswick, London, England. Cooling slab for viscous liquids. 2,005,271; June 18.
- Metcalfe-Shaw, Edward, Chiswick, London, England. Heat transference apparatus. 2,024,299; Dec. 17.
- Meter Improvement Company. (See Nowlan, John B., assignor.)
- Methard, John F. (See Mosser, A. C., and Methard.)
- Methlin, Nicolas E., assignor to Schneider & Cie., Paris, France. Wheeled gun carriage. 1,990,950; Feb. 12.
- Methlin, Nicolas E., assignor to Schneider & Cie., Paris, France. Wheeled gun carriage. 1,990,951; Feb. 12.
- Methlin, Nicolas E., assignor to Schneider & Cie., Paris, France. Wheeled gun carriage. 1,990,952; Feb. 12.
- Methlin, Nicolas E., assignor to Schneider & Cie., Paris, France. Split-trail gun carriage. 1,994,197; Mar. 12.
- Methlin, Nicolas E., assignor to Schneider & Cie., Paris, France. Fuse for projectiles. 2,006,575; July 2.
- Methlin, Nicolas E., assignor to Schneider & Cie., Paris, France. Time fuse. 2,026,094; Dec. 31.

- Methven, Helen M., Edgware, England. Vanity case. 1,990,193; Feb. 5.
- Methvin, Wilbur E., Lawrenceburg, Tenn. Aircraft. 2,019,018; Oct. 29.
- Methvin, Wilbur E., Lawrenceburg, Tenn. Stream motor. 2,020,900; Nov. 12.
- Metropolitan Device Corporation. (See Murray, Thomas E., Jr., assignor.)
- Metropolitan Engineering Company. (See Grady, Charles B., assignor.)
- Metropolitan Engineering Company. (See Hoffer, Le Roy H., assignor.)
- Metropolitan Engineering Company. (See Murray, Thomas E., assignor.)
- Metropolitan Engineering Company. (See Murray, T. E., and Lawrence, assignors.)
- Metropolitan Paving Brick Company, The. (See Barbour, James G., assignor.)
- Metropolitan Sewing Machine Corporation. (See Weis, Albert H., assignor.)
- Metropolitan Sewing Machine Corporation. (See Weis, John P., assignor.)
- Metropolitan Sewing Machine Corporation. (See Weis, John P. and A. H.)
- Mette, Herbert B., Lakewood, Ohio. Retaining wall. 2,018,920; Oct. 29.
- Metternich, Benjamin H., Menasha, Wis., assignor to Marathon Paper Mills Company, Rothschild, Wis. Method and apparatus for bundling and packaging articles. 2,026,284; Dec. 31.
- Mettler, Hans W., Geneva, Switzerland. Jigger. 2,002,703; May 28.
- Mettler, Josef, Zug, Switzerland, assignor to Landis & Gyr, A.-G. Electricity meter and controlling mechanism therefor. 1,988,014; Jan. 15.
- Mettler, Lee B., Los Angeles, Calif. Oil burner. 1,997,066; Apr. 9.
- Metz, Anthony J., assignor of one-half to J. R. Porter, Davenport, Iowa. Carburetor. 2,007,474; July 9.
- Metz, Carl, assignor, by mesne assignments, to F. McOwen, Philadelphia, Pa. Lantern. 2,015,432; Sept. 24.
- Metz, Earl E., and H. F. Metz, Jr., Philadelphia, Pa. Extension arm bridge lamp. 2,024,655; Dec. 17.
- Metz, Fritz, Merseburg, Germany. Rust and scale removing implement. 2,011,413; Aug. 13.
- Metz, Gustave, Cleveland, Ohio. Sled. 2,026,053; Dec. 31.
- Metz, Harry F., Jr. (See Metz, Earl E., and H. F., Jr.)
- Metz, Heinz O., Scarsdale, N. Y. Automobile roof construction. 2,013,314; Sept. 3.
- Metz, Herman, and R. H. Brown, Paterson, N. J.; said Brown assignor, by mesne assignments, to said Metz. Treating shoes. 2,001,069; May 14.
- Metz, Ralph V. (See Lacy, P. B., Libby, and Metz.)
- Metz, Samuel T., Jamaica, N. Y. Corset garment. 1,986,841; Jan. 8.
- Metz, Walter V., Oak Park, Ill. Supporting device. 1,995,574; Mar. 26.
- Metzgar, Harry H., assignor of one-half to F. L. Holmes, Smethport, Pa. Automatic plug lock for containers. 1,997,942; Apr. 16.
- Metzger, Floyd J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Manufacture of alcohols. 2,021,564; Nov. 19.
- Metzger, Frederick W. (See Armstrong, D. E., and Metzger.)
- Metzger, Walter E. (See Alexander, H. W., and Metzger.)
- Metzger, William F. (See Swoboda, H. O., and Metzger.)
- Metzler, Charles, and N. Ronsheim, Cincinnati, Ohio. Mount for films and the like. 2,014,743; Sept. 17.
- Metzler, Sylvester F., Evansville, Ind. Clock mechanism. 1,994,828; Mar. 19.
- Metzner, Albert W. (See Sherman, J. Q., and Metzner.)
- Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Platen roll for writing machines. 2,012,282; Aug. 27.
- Meunier, Walter C., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing ionones. 1,996,116; Apr. 2.
- Meunier, Charles A., Great Neck, N. Y. Gutter hanger. 1,992,758; Feb. 26.
- Meunier, Pélilien J., Neuilly-sur-Seine, France. Apparatus for the pneumatic separation of materials comprising elements of different specific weights, such as raw coal. 2,012,633; Aug. 27.
- Meuser, Ludwig, and P. J. Leaper, Naugatuck, Conn., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Reaction product of ketones and amines. 2,002,642; May 28.
- Meusy, Eugene E., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Gas cock. 1,996,164; Apr. 2.
- Mewborne, Robert G., Albuquerque, New Mex., assignor to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y. Treatment of tobacco for insecticidal purposes. 2,004,124; June 11.
- Meyer, Albert P., Champaign, Ill. Foot and leg exerciser apparatus. 2,021,801; Nov. 19.
- Meyer, Alva H., Oak Park, Ill., assignor to Ditto Incorporated. Hectograph band. 2,009,896; July 30.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,985,943; Jan. 1.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,985,944; Jan. 1.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,989,816; Feb. 5.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,990,558; Feb. 12.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,994,528; Mar. 19.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,994,529; Mar. 19.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Clutch. 1,999,510; Apr. 30.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Method and apparatus for casting engine blocks. 1,999,511; Apr. 30.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Internal combustion engine and operating same. 1,999,512; Apr. 30.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Clutch. 2,004,291; June 11.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Internal combustion engine and operating same. 2,009,065; July 23.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Clutch. 2,009,558; July 30.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,011,820; Aug. 20.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,013,163; Sept. 3.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,013,164; Sept. 3.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,016,680; Oct. 8.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,024,297; Dec. 24.
- Meyer, Andre J., and H. H. Timian, assignors to Continental Motors Corporation, Detroit, Mich. Motor vehicle. 1,969,166; Apr. 2.
- Meyer, Andre J., and J. O. Fink, assignors to Continental Motors Corporation, Detroit, Mich. Engine. 1,996,165; Apr. 2.
- Meyer, Andre J., and L. P. Kalb, assignors to Continental Motors Corporation, Detroit, Mich. Clutch mechanism. 2,019,153; Oct. 29.
- Meyer, Arthur S., Cleveland Heights, assignor to The Browning Crane & Shovel Co., Cleveland, Ohio. Motor vehicle. 2,018,862; Oct. 29.
- Meyer Body Company. (See Meyer, William O., assignor.)
- Meyer, Christian F., assignor to Textile Machine Works, Wyomissing, Pa. Straight knitting machine. 2,018,460; Oct. 22.
- Meyer, Curt, Berlin, Germany, assignor to the firm Allgemeine Rohrleitung Aktiengesellschaft, Dusseldorf, Germany, and to the firm Franz Seiffert & Co., Aktiengesellschaft, Berlin, Germany. Making sinuous bulges on pipes. 2,012,766; Aug. 27.
- Meyer-Delius, Heinrich. (See Kern, E., and Meyer-Delius.)
- Meyer-Delius, Heinrich, Heidelberg-Schlierbach, Germany, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric current rectifying system. 2,022,341; Nov. 26.
- Meyer-Delius, Heinrich, Heidelberg-Schlierbach, Germany, and E. Kern, Ennetbaden, assignors to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Rectifying system. 1,993,221; Mar. 5.
- Meyer, Edward B., Cleveland Heights, Ohio. Pavement marking. 1,986,591; Jan. 1.
- Meyer, Edwin L., Bridgeport, Conn. Electric scroll saw. 2,004,580; June 11.
- Meyer, Edwin M., Parkersburg, W. Va., assignor to Porcelain Products, Inc., Findlay, Ohio. Transformer cut-out. 2,011,543; Aug. 13.
- Meyer, Edwin M., Parkersburg, W. Va., assignor to Porcelain Products, Inc., Findlay, Ohio. Insulator. 2,024,831; Dec. 17.
- Meyer, Emma, Zurich, Switzerland. Shoe cleaning machine. 1,993,220; Mar. 5.
- Meyer, Ernest, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Machine belt. 1,998,816; Apr. 23.
- Meyer, Ernest, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making belts. 1,998,817; Apr. 23.
- Meyer, Frank J., Floral Park, assignor to P. L. Andrews Corporation, Brooklyn, N. Y. Carton. 2,015,278; Sept. 24.
- Meyer, Franz, assignor to the firm Carl Zeiss, Jena, Germany. Mirror for astronomical purposes. 1,988,952; Jan. 22.
- Meyer, Franz, assignor to the firm of Carl Zeiss, Jena, Germany. Measuring device. 2,013,165; Sept. 3.
- Meyer, Fred C., Paterson, and G. E. Moffitt, East Paterson, assignors to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Cable terminal. 1,986,842; Jan. 8.
- Meyer, Fred C., Paterson, and G. E. Moffitt, East Paterson, assignors to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Terminal or pothead for electric cables. 1,986,843; Jan. 8.
- Meyer, Fred C., Paterson, and G. E. Moffitt, East Paterson, assignors to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric cable terminal. 1,986,844; Jan. 8.
- Meyer, Fred P., Seattle, Wash. Adjustable standing boot jack. 1,988,804; Jan. 22.
- Meyer, Fred P., Seattle, Wash. Boot and shoe tree. 2,025,173; Dec. 24.
- Meyer-Gaus, Karl. (See Bauriedel, G. and Meyer-Gaus, assignors.)

- Meyer-Gaus, Karl. (See Hartmann, A., Hoefinghoff, and Meyer-Gaus.)
- Meyer, George J., Milwaukee, assignor to Geo. J. Meyer Manufacturing Company, Cudahy, Wis. Bottle cleaning apparatus. 1,987,345; Jan. 8.
- Meyer, George J., Cudahy, Wis., assignor to Geo. J. Meyer Manufacturing Co. Swiveling chain. 1,996,586; Apr. 2.
- Meyer, Geo. J., Manufacturing Co. (See Meyer, George J., assignor.)
- Meyer, George L. N., Milwaukee, Wis. Bottling carbonated beverages. 2,016,384; Oct. 8.
- Meyer, George W., Aspinwall, assignor to Amco, Incorporated, Pittsburgh, Pa. Bottle transfer mechanism. 1,998,163; Apr. 16.
- Meyer, Gerhard, Grabstede in Oldenburg, Germany. Instrument for teaching calculation. 2,010,160; Aug. 6.
- Meyer, Hans, London, England, assignor to L. M. Gelb, New York, N. Y. Dye holder and applicator. 2,017,567; Oct. 15.
- Meyer, Herman B., Chicago, Ill. Lighting fixture. 2,015,724; Oct. 1.
- Meyer, Harry. (See Mahn, H., Meyer and Pfannenstiel.)
- Meyer, Henry H., assignor to Lou J. Eppinger, Detroit, Mich. Fish lure. 1,997,802; Apr. 16.
- Meyer, J. Frank. (See Maitland, Frank K., assignor.)
- Meyer, John F. (See Firestone, John B., assignor.)
- Meyer, John F. (See Kirk, Claude R., assignor.)
- Meyer, John F. (See Radtke, Bruno, assignor.)
- Meyer, John F. (See Smith, Percy C., assignor.)
- Meyer, John F., Pasadena, Calif. Striking bag machine. 1,987,859; Jan. 15.
- Meyer, John F., Pasadena, Calif. Amusement machine. 1,993,562; Mar. 5.
- Meyer, John F., Chicago, Ill. Game apparatus. 2,000,778; May 7.
- Meyer, Joseph, New York, N. Y. Knitting machine. 2,012,246; Aug. 20.
- Meyer, Joseph E., Jackson Heights, assignor to Irving Trust Company, permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Delivery mechanism for printing presses. 2,025,119; Dec. 24.
- Meyer, Joseph E., Jackson Heights, assignor to Irving Trust Company, permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Stapling and stitching mechanism for rotary printing machines. 2,026,135; Dec. 31.
- Meyer, Judith L., administratrix. (See Meyer, Ralph J.)
- Meyer, Karl, Berlin-Charlottenburg, assignor to Orenstein & Koppel Aktiengesellschaft, Berlin, Germany. Light signaling arrangement. 2,014,048; Sept. 10.
- Meyer, Karl, Berlin-Charlottenburg, assignor to Orenstein & Koppel Aktiengesellschaft, Berlin, Germany. Light signaling circuit. 2,014,049; Sept. 10.
- Meyer, Karl A., and F. A. Gauger, Milwaukee, Wis.; said Meyer assignor to said Gauger. Fluid propeller. 2,013,473; Sept. 3.
- Meyer, Lina R., executor. (See Meyer, William.)
- Meyer, Lothar. (See Hausen, H., and Meyer.)
- Meyer, Martinus A., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Apparatus for examining the contents of tanks. 2,006,301; June 25.
- Meyer Mineral Separation Company. (See Meyer, Ralph F., assignor.)
- Meyer, Paul H., Bellwood, L. Bethke, Melrose Park, and J. P. Walker, Maywood, assignors to Solar-Sturgess Mfg. Co., Melrose Park, Pa. Inserting bushings in metal barrels. 2,018,683; Oct. 29.
- Meyer, Peter, Newark, N. J., assignor to Westinghouse Lamp Company. Mechanical basing machine. 2,019,622; Nov. 5.
- Meyer, Peter H., Buffalo, N. Y. Eyeglasses and the like. 2,004,445; June 11.
- Meyer, Ralph F., Freeport, assignor to Meyer Mineral Separation Company, Pittsburgh, Pa. Treating ores. 1,988,015; Jan. 15.
- Meyer, Ralph F., Freeport, assignor to Meyer Mineral Separation Company, Pittsburgh, Pa. Metallurgical process. 1,990,299; Feb. 5.
- Meyer, Ralph J., deceased, Denver, Colo., J. L. Meyer, administratrix. Boring tool. 1,990,341; Feb. 5.
- Meyer, Ralph J., deceased, Denver, Colo., Judith L. Meyer, administratrix. Tool support. 2,011,867; Aug. 20.
- Meyer, Raymond B., Washington, D. C. Temperature controlled cabinet for electromechanical oscillators. 2,004,125; June 11.
- Meyer, Richard. (See Hasler, A., Meyer, and Schifer.)
- Meyer, Samuel J., Brooklyn, N. Y. Shoe. 2,004,823; June 11.
- Meyer, Stephen E., Hayden, Ariz. Piston construction. 1,994,861; Mar. 19.
- Meyer, Stephen E., Hayden, Ariz. Piston. 2,020,426; Nov. 12.
- Meyer & Studell, S. A. (See Henry, Georges L., assignor.)
- Meyer, Theodore F. W., and E. R. Darby, Detroit, Mich., assignors to Federal Mogul Corporation, Detroit, Mich. Propeller wheel. 2,011,821; Aug. 20.
- Meyer, Ullas. (See Studt, E., and Meyer.)
- Meyer, Wilfried, Berlin-Steglitz, assignor to Patent-Treuhand-Gesellschaft für Elektrische Glühlampen m. b. H., Berlin, Germany. Manufacturing electric resistances. 2,017,011; Oct. 8.
- Meyer, Wilfried, Berlin-Steglitz, and E. Weise, Berlin, Germany, assignors to General Electric Company. Electric translating device. 2,001,498; May 14.
- Meyer, William, deceased, Chicago, Ill., Lina R. Meyer, executrix. Shaping or arching eyebrows. 2,004,581; June 11.
- Meyer, William O., Buffalo, N. Y., assignor to Meyer Body Company, Inc., Buffalo, N. Y. Refrigerating apparatus. 1,999,977; Apr. 30.
- Meyercord, Co., The. (See Meyercord, George R., assignor.)
- Meyercord, George R., Chicago, Ill., assignor to The Meyercord Co. Printing press. 1,989,375; Jan. 29.
- Meyercord, George R., Chicago, Ill., assignor, by mesne assignments to Reconstruction Finance Corporation. Making dies. 2,005,591; June 18.
- Meyercord, George R., Chicago, Ill., assignor to The Meyercord Co. Mystery puzzle. 2,022,319; Nov. 26.
- Meyercord, George R., Chicago, O. H. Basquin, Evanston, Ill., and C. B. Norris, Grand Rapids, Mich., assignors, by mesne assignments, to Reconstruction Finance Corporation. Power press of steel and concrete. 1,999,249; Apr. 30.
- Meyercord, George R., Chicago, Ill., and F. M. Curran, Grand Rapids, Mich., assignors, by mesne assignments, to Reconstruction Finance Corporation. Corner construction for furniture or the like. 2,002,228; May 21.
- Meyercord, George R., Chicago, Ill., and C. E. Rozema, Grand Rapids, Mich., assignors, by mesne assignments, to Reconstruction Finance Corporation. Gluing and product thereof. 2,018,733; Oct. 29.
- Meyerhans, August, Rieden, assignor to Aktiengesellschaft Brown, Boveri, & Cie., Baden, Switzerland. Regulating transformer. 1,993,794; Mar. 12.
- Meyers, Carl W., assignor to Republic Steel Corporation, Youngstown, Ohio. Anchor plate for fence posts. 2,015,433; Sept. 24.
- Meyers, Clarence. (See Clesi, F. P., Cousley and Meyers.)
- Meyers, Frederick J., and A. A. La Russa, New York, N. Y. Rhinestone embroidering machine. 1,994,250; Mar. 12.
- Meyers, Louis E. (See Gardener, H. L. J., and Meyers.)
- Meyers, Stanley T., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave translating system. 2,015,082; Sept. 24.
- Meyers, W. F. Company. (See Simon, Lee E., assignor.)
- Meyers, Walter F., assignor of one-half to E. U. Knight, Chicago, Ill. Display carton. 2,025,120; Dec. 24.
- Meyertons, Karl F. W., Ridgefield Park, N. J., assignor, by mesne assignments, to Gustave F. Straub, Philadelphia, Pa. Induction motor and regulating speed of induction motors. 1,998,142; Apr. 16.
- Meyjes, Johannes W. (See Lambert, G. J., and Meyjes.)
- Meynen, Hubert L. K., Bonn-on-the-Rhine, Germany, assignor to Standard Brands Incorporated, New York, N. Y. Apparatus for manufacturing vinegar. 2,022,970; Dec. 3.
- Meyrowitz, E. B., Inc. (See Meyrowitz, Emil B., assignor.)
- Meyrowitz, Emil B., assignor to E. B. Meyrowitz, Inc., New York, N. Y. Goggle. 1,989,876; Feb. 5.
- Meyrowitz, Emil B., New York, N. Y., assignor to E. B. Meyrowitz, Inc. Goggles. 1,996,587; Apr. 2.
- Meyrowitz, Emil B., New York, N. Y., assignor to E. B. Meyrowitz, Inc. Goggles. 2,002,543; May 28.
- Mezger, Charles A., Brooklyn, N. Y. Pumping system for oil burners. 1,998,020; Apr. 16.
- Micamold Radio Corporation. (See Sklar, Herman L., assignor.)
- Michael, Clark D., C. A. Morgan, and W. D. Redrup, assignors to The Majestic Company, Huntington, Ind. Folding door construction. 2,007,020; July 2.
- Michael, Edward F. L., assignor of one-half to Max Grill, New York, N. Y. Writing instrument. 1,992,961; Mar. 5.
- Michaelis, Karl. (See Raub, Ernst, assignor.)
- Michaelis, Lothar, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Synchronous motor. 2,017,700; Oct. 15.
- Michaelis, Paul E., Iola, Wis. Automobile vanity visor. 1,990,413; Feb. 5.
- Michaelis, Wilbert G., Morton, Minn. Leak detector. 1,987,486; Jan. 8.
- Michaelis, Wolfgang, Neubabelsberg, near Potsdam, Germany. Manufacture of pile fabrics. 1,999,883; Apr. 30.
- Michaels, Harry. (See Gerber, Richard E., assignor.)
- Michaels, Stern & Co. (See Morells, Emanuel, assignor.)
- Michal, James, assignor to Storkline Furniture Corporation, Chicago, Ill. Foot control for baby carriages. 2,004,470; June 11.
- Michalski, Martin, North Chicago, Ill. Lawn mower sharpening device. 2,006,025; June 25.
- Michaud, Joseph D., deceased, Santa Cruz, Calif., K. Michaud, administratrix. Air propeller. 2,024,241; Dec. 17.
- Michaud, Katherine, administratrix. (See Michaud, Joseph D.)
- Michaud, James E., San Francisco, Calif. Water purifying device. 1,997,830; Apr. 16.
- Michaud, Joseph A., St. Paul, Minn. Display and stock rack. 1,993,451; Mar. 5.
- Michaud, Joseph A., St. Paul, Minn. Sectional automatic display cabinet. 2,013,284; Sept. 3.
- Michel, Charles, et al. (See Di Orio P., and Schmidhofer, assignors.)
- Michel, Charles, Paris, France. Spark plug provided with an ionizing catalytic element. 2,022,140; Nov. 26.
- Michel, Clarence A. (See Mead, H. C., and Michel.)

- Michel, Clarence A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Head lamp. 2,011,868; Aug. 20.
- Michel, Clarence H., Baltimore, Md. Rack. 2,011,250; Aug. 13.
- Michel-Crankless Engines Corporation. (See Larkin, E. T., and Sherman, assignors.)
- Michel, Harold J. V. (See Gordon, B., Jr., and Michel.)
- Michel, Morris, Chicago, Ill. Garment. 2,011,295; Aug. 13.
- Michelet, Wilhelm J., Waukegan, Ill. Combination kitchen equipment cabinet. 1,994,044; Mar. 12.
- Michelin, André J., Paris, assignor to Michelin et Cie, Clermont-Ferrand, France. Safety device for railway vehicles with pneumatic tires. 1,995,575; Mar. 26.
- Michelin et Cie. (See Bourdon, Pierre M., assignor.)
- Michelin et Cie. (See de Saint-Martin, Charles V., assignor.)
- Michelin et Cie. (See Michelin, André J., assignor.)
- Michell, Anthony G. M., Canton, Mass. Nut, screw, and like article. 2,005,348; June 18.
- Michell-Crankless Engines Corporation. (See Sherman, Thomas L., assignor.)
- Michels, Charles A., assignor of one-half to W. L. Crites, Moscow, Idaho. Pea husker. 2,004,379; June 11.
- Michels, Julius, Charlottenburg, Germany. Mixing machine. 1,989,877; Feb. 5.
- Michels, Wilhelm. (See Haase, K., and Michels.)
- Michelsen, William O., Long Island, assignor to Royal Typewriter Company Inc., New York, N. Y. Typewriting machine. 2,002,410; May 21.
- Michelsen, William O., Long Island, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,003,211; May 28.
- Michelson, Albert S., assignor to National Rubber Machinery Company, Akron, Ohio. Vulcanizer. 2,000,406; May 7.
- Michelson, Barnett S., Boston, Mass. Water tank cover. 2,003,006; May 28.
- Michelson, Oliver, Saginaw, Mich. Ironing board. 2,011,251; Aug. 13.
- Michelssen, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Luminous screen. 1,988,605; Jan. 22.
- Michelssen, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray scanning device. 2,017,127; Oct. 15.
- Michelssen, Fritz, and J. Richter, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron tube. 2,003,301; June 4.
- Michener, Arthur E., Bellevue, Ohio. Liquid filling machine. 1,987,122; Jan. 8.
- Michigan Electrotpe and Stereotype Company. (See Berdan, Kenneth D., assignor.)
- Michigan State Board of Agriculture, The. (See Miller, Elroy J., assignor.)
- Michigan State Board of Agriculture. (See Robey, Orsel B., assignor.)
- Michigan Steel Casting Company. (See Blagg, G. E., and Flintermann, assignors.)
- Michigan Steel Casting Co. (See Flintermann, Edgar D., assignor.)
- Michigan Steel Corporation. (See Pitts, Frederick W., assignor.)
- Michigan Steel Tube Products Company. (See Berg, Richard O., and S., assignors.)
- Michigan Tent and Awning Company. (See Bessy, Roger P., assignor.)
- Michigan Tool Company. (See Drader, Joseph C., assignor.)
- Michigan Tool Company. (See Munn, Henry Q., assignor.)
- Michigan Wheel Co. (See Warren, John R., assignor.)
- Michigan Wire Goods Company. (See Smith, Benjamin H., assignor.)
- Michl, Rudolf, Brooklyn, N. Y. Reversible propeller. 2,010,640; Aug. 6.
- Michot-Dupont, Georges F., Vincennes, France, assignor to "Physical Chemistry Research Cy", Wilmington, Del. Distillation of solid combustibles. 2,025,882; Dec. 31.
- Mickelson, Walter. (See Ferris, Walter and J. P., and Mickelson.)
- Micro Corporation, The. (See Bettendorf, William E., assignor.)
- Micro Corporation, The. (See Bettendorf, W. E., and Yerck, assignors.)
- Micro Corporation, The. (See Criner, Harry J., assignor.)
- Micro Corporation, The. (See Debus, Sander, assignor.)
- Micro Corporation, The. (See Petskeyes, Charles H., assignor.)
- Micromatic Hone Corporation. (See Connor, Kirke W., assignor.)
- Micromatic Hone Corporation. (See Kern, Fred M., assignor.)
- Micromatic Hone Corporation. (See Kern, F. M., and Connor, assignors.)
- Micro Products Company. (See Hopkins, Durward K., assignor.)
- Mid-Co Products Company, The. (See Hantla, Albert, assignor.)
- Mid-Continent Petroleum Corporation. (See Bennett, Harry T., assignor.)
- Mid-Continent Petroleum Corporation. (See Bennett, H. T., Hopkins, and Marshall, assignors.)
- Mid-States Gummed Paper Co. (See Humphner, Ferdinand W., assignor.)
- Mid-West Engineering Corporation. (See Freeman, Walter R., assignor.)
- Mid-West Steel Products Corporation. (See King, Morgan L., assignor.)
- Middelboe, Kristian, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smith & Co., New York, N. Y. Manufacture of hydraulic cement and the like. 2,004,381; June 11.
- Middelboe, Kristian, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smith & Co., New York, N. Y. Apparatus for packing pulverous material into bags. 2,009,408; July 30.
- Middelboe, Kristian, Frederiksberg, near Copenhagen, and N. Nielsen, Copenhagen, Denmark, assignors to F. L. Smith & Co., New York, N. Y. Machine for weighing and packing pulverulent material. 2,022,867; Dec. 3.
- Middelraad, Francisus L., Toronto, Ontario, Canada. Picture transmission system. 2,024,051; Dec. 10.
- Middlemass, Alphonso T. D., Penryn, Cornwall, England. Manufacture of fish liver oils. 2,007,723; July 9.
- Middleton, Charles O. (See Gary, Wright W., assignor.)
- Middleton, Charles W., Toronto, Ontario, Canada. Vehicle seat. 1,990,661; Feb. 12.
- Middleton, Leslie H., assignor to Schwarze Electric Company, Adrian, Mich. Automobile control system. 1,993,070; Mar. 5.
- Middleton, Leslie H., assignor to Schwarze Electric Company, Adrian, Mich. Defrosting. 2,015,279; Sept. 24.
- Middleton, Leslie H., Adrian, assignor to Schwarze Electric Company, Adrian, Mich. Starter for motor vehicles. 2,026,095; Dec. 31.
- Midge, William A., and C. G. Biber, Huntington, W. Va. Method and apparatus for testing materials. 1,990,085; Feb. 5.
- Midgley, Thomas, Jr., Worthington, Ohio, assignor, by mesne assignments, to General Motors Corporation. Testing for halogens. 1,990,706; Feb. 12.
- Midgley, Thomas, Jr., Worthington, A. L. Henne, Columbus, and R. R. McNary, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation. Manufacture of halo-fluoro derivative of aliphatic hydrocarbons. 2,007,208; July 9.
- Midgley, Thomas, Jr., Worthington, and A. L. Henne, Columbus, assignors to Frigidaire Corporation, Dayton, Ohio. Preparation of aliphatic halo-fluoro compounds. 2,013,062; Sept. 3.
- Midgley, Thomas, Jr., Worthington, A. L. Henne, Columbus, and R. R. McNary, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation. Manufacture of antimony trifluoride. 2,024,008; Dec. 10.
- Midland Electric Coal Corporation. (See Bixby, Kenneth R., assignor.)
- Midland Metal Spinning Company Limited, The. (See Wyer, John M., assignor.)
- Midland Specialties Company. (See Dohrmann, Henry A., assignor.)
- Midland Steel Products Company, The. (See Almdale, Einar, assignor.)
- Midland Steel Products Company, The. (See Begg, Russell S., assignor.)
- Midland Steel Products Company, The. (See Harmon, Ollin B., assignor.)
- Midland Steel Products Company, The. (See Kulas, H. F., Crowe and Thoms, assignors.)
- Midland Steel Products Company, The. (See Riemen-schneider, Ernest, assignor.)
- Midland Steel Products Company. (See Sneed, John, assignor.)
- Midnight, Wilbur G. (See Chadwick, L. S., Resek, and Midnight.)
- Midthum, Gerhard J., Lander, Wyo. Universal Joint. 2,006,026; June 25.
- Mid West Ventilating Works. (See Birkholz, Richard G., assignor.)
- Mieder, Fritz, Leipzig, Germany. Sand settling plant. 2,009,559; July 30.
- Mieg, Walter. (See Wolff, H., and Mieg.)
- Mieg, Walter, Opladen, R. M. Heidenreich, Leverkusen-I. G. Werk, and H. Neresheimer, Ludwigshafen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Preparing amino derivatives of polycyclic organic compounds. 2,009,064; July 23.
- Miehe, William, San Mateo, Calif. Power car mover. 1,994,530; Mar. 19.
- Miehle Printing Press and Manufacturing Company, The. (See Sites, Benjamin L., assignor.)
- Miehle Printing Press & Mfg. Company, The. (See Stevens, Burt D., assignor.)
- Miehle Printing Press and Manufacturing Company, The. (See Wilkinson, William J., assignor.)
- Miescher, Karl, and W. Meisel, Riehen, near Basel, and K. Hoffmann, Basel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Substituted amides of aliphatic-aromatic acids. 2,009,144; July 23.
- Miess, Fred, Gary, Ind. Acceleration indicating device. 2,021,667; Nov. 19.
- Miessner, Benjamin F., Short Hills, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electric amplifying system. 1,985,945; Jan. 1.

- Miessner, Benjamin F., Short Hills, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Amplifying and reproducing system. 1,985,946; Jan. 1.
- Miessner, Benjamin F., Short Hills, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. System for energizing space discharge devices. 2,001,148; May 14.
- Miessner, Benjamin F., Millburn Township, Essex County, N. J., assignor to Miessner Inventions, Inc. Method and apparatus for the production of music. 1,992,438; Feb. 26.
- Miessner, Benjamin F., Millburn Township, Essex County, assignor to Miessner Inventions, Inc. Apparatus for the production of music. 2,001,391; May 14.
- Miessner, Benjamin F., Millburn Township, N. J., assignor to Miessner Inventions, Inc. Method and apparatus for the production of music. 2,001,392; May 14.
- Miessner, Benjamin F., Millburn Township, Essex County, N. J., assignor to Miessner Inventions, Inc. Electromagnetic translating system. 2,002,919; May 28.
- Miessner, Benjamin F., Millburn Township, Essex County, N. J., assignor to Miessner Inventions, Inc. Apparatus for the production of music. 2,007,302; July 9.
- Miessner Inventions, Inc. (See Miessner, Benjamin F., assignor.)
- Mietzsch, Fritz. (See Schulemann, W. and Mietzsch.)
- Mietzsch, Fritz, Wuppertal-Barmen, and J. Klarer, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Amino azo compound. 2,022,921; Dec. 3.
- Mirdichian, Vartkes, Elizabeth, N. J., assignor to American Cyanamid Company, New York, N. Y. Disinfectant for seeds. 1,998,092; Apr. 16.
- Miguet, Paul L. J., and M. P. Perron, St. Julien de Maurienne, France. Electric furnace operation. 2,003,673; June 4.
- Mihalek, Joseph, Baden, Pa. Tone bar for stringed musical instruments. 2,026,354; Dec. 31.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Range finder for cameras. 1,991,110; Feb. 12.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Magazine type of motion picture camera. 1,994,586; Mar. 19.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Film footage meter for motion picture cameras. 2,008,988; July 23.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture pull down and shutter mechanism. 2,011,342; Aug. 13.
- Mika, Herbert L. (See Olson, O. R., and Mika.)
- Mikaelson, Erik W., Easton, Pa., and A. K. Hamilton, Chicago, Ill., assignors to Treadwell Engineering Company, Easton, Pa. Rolling mill. 2,011,686; Aug. 20.
- Mikaelson, Erik W., Easton, Pa., and A. K. Hamilton, Chicago, Ill., assignors to Treadwell Engineering Company, Easton, Pa. Rolling mill. 2,016,016; Oct. 1.
- Mikaelson, Erik W., Easton, Pa., and A. K. Hamilton, Chicago, Ill., assignors to Treadwell Engineering Company, Easton, Pa. Apparatus for pack annealing. 2,019,576; Nov. 5.
- Mikkelsen, John M. (See Alvey, W. S., and Mikkelsen.)
- Mikkonen, Simo. (See Niukkanen, W. P., and Mikkonen.)
- Miksovíc, Emil, Newark, N. J. Window scaffold. 2,024,940; Dec. 17.
- Mikulasek, John, assignor to The Maytag Company, Newton, Iowa. Bearing construction. 2,007,021; July 2.
- Mikulasek, John, assignor to The Maytag Company, Newton, Iowa. Combustion engine. 2,016,337; Oct. 8.
- Mikulasek, John, assignor to The Maytag Company, Newton, Iowa. Rotary oil seal. 2,021,633; Nov. 19.
- Mikulic, Milos N., Independence, assignor of one-third to Ellsworth H. Munford, and one-third to H. D. Pinkerton, Kansas City, Mo. Muffler. 2,008,964; July 23.
- Milam, Arthur Y. (See Myers, Samuel E., assignor.)
- Milam, Oran A., et al. (See Taylor, James Y., assignor.)
- Milam, Robert E., et al. (See Taylor, James Y., assignor.)
- Milanovich, John, deceased, late of Hollidays Cove, W. Va., by K. Milanovich, administratrix, Farrell, Pa., assignor to N. Tuskan, Detroit, Mich. Scrubbing machine. 2,023,816; Dec. 10.
- Milanovich, Katie, administratrix. (See Milanovich, John.)
- Milazzo, Gartano. (See Naisuler, H. E. and Milazzo.)
- Milcor Steel Company. (See Jones, Edmund H., assignor.)
- Milcor Steel Company. (See Kuehn, Louis, assignor.)
- Mile-O-Tiser, Inc. (See Murphy, Chalmers E., assignor.)
- Miles, Arthur, New Port Richey, Fla. Chassis and spring mounting for motor vehicles. 2,000,568; May 7.
- Miles, Ephraim E., South Lancaster, Mass.; W. E. and M. V. Miles, executors of said Miles, deceased. Renewable pad and support therefor. 2,005,680; June 18.
- Miles, Ewell C., Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Glass cutting table. 1,996,383; Apr. 2.
- Miles, Forrest G. (See Flynt, Robert C., assignor.)
- Miles, George W., Boston, Mass., assignor to Celanese Corporation of America. Making Cellulose acetate. 2,018,028; Oct. 22.
- Miles, James C., Cleveland, Ohio. Draft regulator. 1,989,105; Jan. 29.
- Miles, Lawrence D., Schenectady, N. Y. Electrosurgical apparatus. 2,012,316; Aug. 27.
- Miles, Martha V., executor et al. (See Miles, Ephraim E., assignor.)
- Miles, R. E., Jr. (See Carney, Arthur T., assignor.)
- Miles, Walter E., executor, et al. (See Miles, Ephraim E., assignor.)
- Miles, William C., White Plains, N. Y. Elevator control and annunciator system. 2,009,701; July 30.
- Miles, William C., White Plains, assignor to Self Extinguishing Cigarette Corporation, New York, N. Y. Cigarette making machine. 1,999,224; Apr. 30.
- Milbening, Frank, assignor to J. Milbening, Inc., Chicago, Ill. Commemorative gift box. 1,988,606; Jan. 22.
- Milbening, Frank, assignor to J. Milbening, Inc., Chicago, Ill. Jewel box. 2,016,116; Oct. 1.
- Milbening, J., Inc. (See Milbening, Frank, assignor.)
- Milfello, Louis J., Wood River, Ill. Sugar bowl. 2,005,919; June 25.
- Milk Bottle Crate Company. (See Stoddard, Robert, assignor.)
- Milkes, Leah G., Chicago, Ill. Infant's garment. 2,008,919; July 23.
- Milla, Joseph, Brooklyn, N. Y. Protractor. 1,999,105; Apr. 23.
- Millar, Arthur L., Barnsbury, England. Screw propeller. 2,024,700; Dec. 17.
- Millar, Earl B., Jr., Chicago, Ill. Polisher. 2,010,314; Aug. 6.
- Millar, James F., West New Brighton, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,025,066; Dec. 24.
- Millar, Julian Z. (See Buckingham, W. D., and Millar.)
- Millar, Russell W. (See Bent, F. A., and Millar.)
- Millar, William S., London, England, H. Dering, executor of said W. S. Miller, deceased, assignor, by mesne assignments, to Sulphide Corporation, New York, N. Y. Treatment of oxide iron ores and other materials containing iron in oxide form. 1,994,367; Mar. 12.
- Millard, John R., Toronto, Ontario, Canada. Apparatus for demonstrating sacro-iliac lesions. 2,021,566; Nov. 19.
- Millard, Lee P. (See Johnston, E. A., Raney, and Millard.)
- Millard, Lee P., Moline, Ill., assignor to International Harvester Company. Harvester thresher. 1,996,251; Apr. 2.
- Millen, James, Malden, Mass. Potential supply system for thermionic tubes. 1,988,209; Jan. 15.
- Millen, James, Malden, Mass. Radio and like apparatus. 1,989,490; Jan. 29.
- Miller, Alexander, Braintree, and G. Goodwin, Avon, assignors to Royal Electric Company, Incorporated, Avon, Mass. Plug fuse. 1,996,432; Apr. 2.
- Miller, Alexander M., Riverside, Calif. Seal. 2,020,198; Nov. 5.
- Miller, Alfred, Dessau, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Protective paper for photographic material. 1,986,278; Jan. 1.
- Miller, Alfred, Wolfen, near Bitterfeld, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Producing pictures. 2,020,901; Nov. 12.
- Miller, Alfred B., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,004,209; June 11.
- Miller, Allen O., Seattle, Wash., assignor to West Wind Corporation. Ventilating and air circulating device. 2,008,965; July 23.
- Miller, Alvin L., and R. H. Miller, Detroit, Mich. Brake truing device. 1,996,252; Apr. 2.
- Miller, Alvin L. and R. H., Detroit, Mich. Brake gauging device. 2,005,870; June 25.
- Miller, Andrew S., Spokane, Wash. Turbine. 2,021,078; Nov. 12.
- Miller, Anthony P., Pleasantville, N. J. Excavating tool. 2,011,938; Aug. 20.
- Miller, Arthur W., Jackson, Mich. Photographic flashlight apparatus. 2,016,338; Oct. 8.
- Miller, Aubrey D. (See Bade, E. O., and Miller.)
- Miller, Benjamin H., Wadsworth, and J. E. Trainer, Fairlawn, Ohio, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Conduit junction. 1,992,960; Mar. 5.
- Miller, Boynton K., assignor to Sanitary Refrigerator Company, Fond du Lac, Wis. Refrigerator. 2,010,604; Aug. 6.
- Miller, Bruce De H., assignor to Vogt Processes, Incorporated, Louisville, Ky. Processing apparatus. 2,023,607; Dec. 10.
- Miller-Bryant-Pierce Co., The. (See Wels, Paul B., assignor.)
- Miller, Carl, Philadelphia, Pa. Photographic apparatus. 2,003,754; June 4.
- Miller, Carl G., New York, assignor to Richard K. Parsell, Brooklyn, N. Y. Vacuum therapy device. 2,000,710; May 7.
- Miller, Carl W., Beaver Falls, assignor to Koppel Industrial Car and Equipment Company, Koppel, Pa. Steel panel form. 2,012,616; Aug. 27.
- Miller, Charles, Long Island City, N. Y. Turn shoe. 2,016,902; Oct. 8.
- Miller, Charles, Long Island City, N. Y. Covered shank shoe. 2,016,903; Oct. 8.
- Miller, Charles, Long Island City, N. Y. Shoe. 2,021,192; Nov. 19.
- Miller, Charles A., Weatherly, Pa. Portable power plant and vehicle therefor. 1,987,265; Jan. 8.
- Miller, Charles A., Weatherly, Pa. Rail grinder. 2,018,411; Oct. 22.

- Miller, Charles A., and D. A. Smith, Franklin, Pa., assignors to Valvoline Oil Company. Solid lubricating compound. 2,005,553; June 18.
- Miller, Charles E., Anderson, Ind. Retreading vulcanizer for tires. 2,024,941; Dec. 17.
- Miller, Charles G., and W. R. Fintleman, Fort Madison, Iowa. Cutting machine. 1,993,614; Mar. 5.
- Miller, Charles G., Montclair, and A. R. Bororden, Fanwood, N. J., assignors to American Telephone and Telegraph Company. Time announcing system. 2,004,248; June 11.
- Miller, Charles H., Lincoln, Nebr. Pitcher drainage frame. 1,997,529; Apr. 9.
- Miller, Charles H., assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle inspecting apparatus. 2,021,696; Nov. 19.
- Miller, Charles J., Chicago, Ill. Extension table. 1,994,398; Mar. 12.
- Miller, Charles J., Chicago, Ill. Extension table. 2,005,947; June 25.
- Miller, Charles J., Chicago, Ill. Extension table. 2,007,475; July 9.
- Miller, Charles J., South Nyack, assignor to The Superheater Company, New York, N. Y. Feed water heater. 1,990,914; Feb. 12.
- Miller, Charles P., Romiley, England, assignor to Carboly Company Inc. Manufacture of metallic alloys and articles made therefrom. 2,012,890; Aug. 27.
- Miller, Charles Z., Fort Scott, Kans. Sled. 2,012,767; Aug. 27.
- Miller, Christian, New York, N. Y., assignor to Edwards and Company, Inc. Signaling apparatus. 2,014,237; Sept. 10.
- Miller, Christian, New York, N. Y., assignor to Edwards and Company, Inc. Signaling device. 2,014,442; Sept. 17.
- Miller, Christian, New York, N. Y., assignor to Edwards and Company, Inc. Signaling device. 2,014,443; Sept. 17.
- Miller, Christian, New York, N. Y., assignor to Edwards and Company, Inc. Signaling device. 2,014,444; Sept. 17.
- Miller, Clemmy O., Chicago, Ill. Preparation of the metal salts of acetylsalicylic acid. 1,993,743; Mar. 12.
- Miller, Clinton G., Milwaukee, Wis. Sleeve structure. 1,987,838; Jan. 15.
- Miller Company, The. (See Doane, Leroy C., assignor.)
- Miller, Daniel. (See McDonald, G. A., and Miller.)
- Miller, Donald H., Dayton, Ohio. Oil clarifier. 2,014,445; Sept. 17.
- Miller, Dorr, Detroit, Mich., assignor to Dura Company, Toledo, Ohio. Clutch for window regulators. 1,997,646; Apr. 16.
- Miller, Earl E., Bloomville, Ohio. Jar lifter. 2,011,497; Aug. 13.
- Miller, Earl P., and A. R. McCallum, Detroit, Mich. Vending machine. 2,019,019; Oct. 29.
- Miller, Edgar M. (See Miller, E. J., Goodwin, and Miller.)
- Miller, Edward, Columbus, Ohio, assignor to Lynch Corporation, Anderson, Ind. Tandem cylinder glass plunger actuator. 2,011,980; Aug. 20.
- Miller, Edward, Columbus, Ohio, assignor to Lynch Corporation, Anderson, Ind. Take-out for glassware making machines. 2,022,939; Dec. 3.
- Miller, Edward E., and V. C. Miller, Bryn Mawr, and J. E. Powell, Issaquah, Wash., assignors to National Poultry Equipment Co. Machine for cleaning eggs. 2,018,967; Oct. 29.
- Miller, Edward J., Clinton, Mo., H. L. Goodwin, Sr., Chicago, Ill., and E. M. Miller, Clinton, Mo. Manufacture of wheat flour. 2,018,966; Oct. 29.
- Miller, Edward S. (See Townsend, A. J., and Miller.)
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear finishing machine. 1,990,239; Feb. 5.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Progressive multiple spindle gear shaping machines. 1,990,240; Feb. 5.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Cutter sharpening machine. 1,991,406; Feb. 19.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Steering gear. 2,002,746; May 28.
- Miller, Edward W., Springfield, assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear shaping tool. 2,024,380; Dec. 17.
- Miller, Ella Z., executrix. (See Miller, Samuel W.)
- Miller, Elliot A., New York, N. Y. Wardrobe cabinet. 1,986,279; Jan. 1.
- Miller, Elliot A., New York, N. Y. Clothing container. 2,002,246; May 21.
- Miller, Elroy J., assignor to The Michigan State Board of Agriculture, East Lansing, Mich. Protection of plants from desiccation. 2,013,063; Sept. 3.
- Miller, Emil, Mackinaw, Ill. Tractor hitch mechanism. 2,025,820; Dec. 31.
- Miller, Ernest B., and G. C. Connolly, assignors, by mesne assignments, to C. F. Hockley, receiver for The Silica Gel Corporation, Baltimore, Md. Refrigeration process. 1,991,465; Feb. 19.
- Miller, Eugene, Albany, N. Y. Service line shut-off. 2,006,742; July 2.
- Miller, Floyd L. (See Frolich, P. K., and Miller.)
- Miller, Frank D., and E. C. Mersereau, Buffalo, assignors to National Brake Company, Inc., Buffalo, N. Y. Hand brake mechanism. 2,000,089; May 7.
- Miller, Frank E., Berlin, N. J. Hand wrapping machine for sliced loaves of bread. 2,026,136; Dec. 31.
- Miller, Frank P., Meadville, Pa. Rotary cutter. 2,021,668; Nov. 19.
- Miller, Frank S., Steubenville, Ohio. Material handling apparatus. 2,000,292; May 7.
- Miller, Frank W., assignor to Yarnall-Waring Company, Philadelphia, Pa. Alarm water column. 2,002,327; May 21.
- Miller, Fred B., Berryville, Va. Truss. 2,022,474; Nov. 26.
- Miller, Fred P., San Francisco, Calif. Nonsiphoning flush valve. 2,023,788; Dec. 10.
- Miller, Frederick B., Connellsville, Pa. Mechanical hammer. 2,017,470; Oct. 15.
- Miller, Frederick E., assignor to J. Q. Sherman, Dayton, Ohio. Cash register. 2,014,358; Sept. 10.
- Miller, Frederick J., Covington, Ky. Drainage device. 1,998,514; Apr. 23.
- Miller, Fredrick A. (See Fortier, B. F., and Miller.)
- Miller, G. S., Co.'s Automotief Producten N. V. (See van Meeuwen, Robert, assignor.)
- Miller, George, San Antonio, Tex. Hackamore. 2,025,469; Dec. 24.
- Miller, George C., and W. J. Brenner, Erie, Pa. Forming clevises. 1,997,871; Apr. 16.
- Miller, George E., Cleveland Heights, Ohio. Wind stop. 2,016,723; Oct. 8.
- Miller, George F., Toledo, Ohio, assignor, by mesne assignments, to The American Chain Company, Incorporated, New York, N. Y. Bumper construction. 2,024,009; Dec. 10.
- Miller, George P., Naperville, Ill. Potato food product. 2,006,146; June 25.
- Miller, George W., Rochester, N. Y. Shoe lasting mechanism. 2,012,634; Aug. 27.
- Miller, Grant H., Caldwell, N. J. Method of and apparatus for treating beef carcasses. 2,026,242; Dec. 31.
- Miller, Grover C., Alhambra, assignor to Kelp-Ol Laboratories, Inc., Los Angeles, Calif. Applying coating to a medical preparation. 2,011,586; Aug. 20.
- Miller, Grover C., Alhambra, assignor to Kelp-Ol Laboratories, Inc., Los Angeles, Calif. Coating for medical compound. 2,011,587; Aug. 20.
- Miller, Gustave, New Haven, Conn. Restoring pressure in tennis balls. 2,012,283; Aug. 27.
- Miller, H. H., Industries Company, The. (See Morrow, Clifford, assignor.)
- Miller, Harold S., Quincy, and C. W. Sargent, Lynn, assignors to Beckwith Manufacturing Company, Boston, Mass. Composition for filling shoe bottoms. 1,987,203; Jan. 8.
- Miller, Harry B., Syracuse, N. Y. Oil hot water heater. 2,015,434; Sept. 24.
- Miller, Harry C., Willow Grove, Pa. Combined door-opener and doorcheck. 2,024,300; Dec. 17.
- Miller, Harvey C., Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Packaging. 1,998,515; Apr. 23.
- Miller, Henry J., Emporium, Pa. Light flash producing device. 2,011,771; Aug. 20.
- Miller, Herbert E., assignor to Utilities Service Company, Inc., Allentown, Pa. Strain device. 2,001,917; May 21.
- Miller, Herbert E., assignor to Utilities Service Company, Inc., Allentown, Pa. Guy mounting. 2,007,060; July 2.
- Miller, Herbert J. (See Brownson, H. W., Cook, and Miller.)
- Miller, Jacob C., Whitefish Bay, Wis. Liquid dispensing device. 2,000,493; May 7.
- Miller, Jacob C., assignor to Badger Meter Manufacturing Company, Milwaukee, Wis. Fluid meter. 2,021,918; Nov. 26.
- Miller, James A., assignor to United Research Corporation, New York, N. Y. Sound recording system. 2,024,942; Dec. 17.
- Miller, James I. (See Heyroth, A. H., and Miller.)
- Miller, James M., assignor to The Daynite Highway Marker Co., Kiowa, Kans. Highway marker. 2,015,721; Oct. 1.
- Miller, James S. (See Beauchamp, J. H., and Miller.)
- Miller, James S., Pittsburgh, Pa., assignor to The Dravo Contracting Company. Terrestrial excavation. 2,019,719; Nov. 5.
- Miller, John A. (See Boax, J. J., and Miller.)
- Miller, John C., South Haven, Mich. Air vent for hot water radiators and the like. 1,989,423; Jan. 29.
- Miller, John G., Baltimore, Md. Coin controlled mechanism. 2,002,123; May 21.
- Miller, John H., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Radio set tester. 2,015,316; Sept. 24.
- Miller, John M., assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Antenna coupling system. 1,986,641; Jan. 1.
- Miller, John M., and A. R. Davis, Hudson, assignors to Firestone Footwear Company, Boston, Mass. Making footwear. 1,992,386; Feb. 26.
- Miller, John M., and G. F. Fenton, assignors to The Progressive Ring Company, Providence, R. I. Jewelry ornamentation. 2,007,303; July 9.

- Miller, John M., assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Radio receiving system. 2,021,321; Nov. 19.
- Miller, John K., Brewton, Ala. Box construction. 1,987,305; Jan. 8.
- Miller, Joseph, South Bend, Ind. Hose clamp. 2,009,897; July 30.
- Miller, Judson L., New York, N. Y. Sewing machine for comfortable and similar articles. 1,997,779; Apr. 16.
- Miller, Julien C., assignor to Paducah Box & Basket Co., Inc., Paducah, Ky. Shipping container. 2,024,801; Dec. 17.
- Miller, Julius C., assignor to General Motors Corporation, Detroit, Mich. Collapsible top. 2,011,723; Aug. 20.
- Miller, Kay. (See Swennes, B. A., and Miller.)
- Miller, Kenneth C. (See Little, H. B., and Miller.)
- Miller, L. N., Engineering Corporation. (See Miller, Lauritz N., assignor.)
- Miller, Lauritz N., Eugene, Oreg., assignor to L. N. Miller Engineering Corporation. Differential motor. 2,005,000; June 18.
- Miller, Lavon D., Hicksville, Ohio. Tool handle. 2,012,792; Aug. 27.
- Miller, Leon B., New York, N. Y. Flexible tool. 2,023,693; Dec. 10.
- Miller, Leonard S., Chicago, Ill., assignor to The Arora Corporation. Advertising sign. 2,022,684; Dec. 3.
- Miller, Louis B. (See Stover, P. A., and Miller.)
- Miller, Louis J. (See Loos, C. J., and Miller.)
- Miller, Loyal J. (See Gee, Othel J., assignor.)
- Miller, Loyal J. (See Reed, Roy H., assignor.)
- Miller, Lucy K., et al., executors. (See Kennedy, Julian.)
- Miller, Martin E., New York, N. Y. Manufacturing decorative woods. 1,987,803; Apr. 16.
- Miller, Matthew J., Brooklyn, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Ammonia recovery. 2,018,863; Oct. 29.
- Miller, Maurice L. (See Koller, M. M., and Miller.)
- Miller, Max C., Cumberland, R. I. Welt turning mechanism for knitting machines. 1,995,643; Mar. 26.
- Miller, Max C., Cumberland, R. I. Knitting machine. 1,995,644; Mar. 26.
- Miller, Max C., Cumberland, R. I. Knitting machine. 1,995,645; Mar. 26.
- Miller, Max O., Los Angeles, Calif. Photography. 2,000,470; May 7.
- Miller, Michael, Trenton, N. J. Apparatus for aligning wheels. 2,020,613; Nov. 12.
- Miller, Michael, Trenton, N. J. Apparatus for truing the wheels of motor vehicles. 2,020,614; Nov. 12.
- Miller, Muriel, assignor to Landis Leather Goods, Inc., Perth Amboy, N. J. Foundation bag and cover therefor. 2,023,144; Dec. 3.
- Miller, Nikolaus F., Dwight, Ill. Motor vehicle license plate. 2,011,229; Aug. 13.
- Miller, Nikolaus F., Dwight, Ill. Tool. 2,013,574; Sept. 3.
- Miller, Nikolaus F., Dwight, Ill. License plate identification means. 2,018,799; Oct. 29.
- Miller, Ohmer R., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing system. 2,006,472; July 2.
- Miller, Oran E., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for duplicating goffered film. 2,008,989; July 23.
- Miller, Paul M., Lancaster, Pa., assignor, by mesne assignments, of one-half to R. Gonder. Shoe lasting machine. 2,025,998; Dec. 31.
- Miller-Pearless Manufacturing Company. (See Putz, Joseph, assignor.)
- Miller, Philip M. and R. B., Detroit, Mich. Vehicle wheel. 1,990,196; Feb. 5.
- Miller, Philip M. and R. B., Detroit, Mich. Vehicle wheel. 1,993,563; Mar. 5.
- Miller, Ralph J., assignor to The McKay Machine Company, Youngstown, Ohio. Apparatus for working sheet metal. 2,006,087; June 25.
- Miller, Ralph W., Glendale, Calif., and S. G. Russell, Kalamazoo, Mich., said Russell assignor, by mesne assignments, to said Miller. Fishing reel. 1,991,407; Feb. 19.
- Miller, Ralph, and W. K. Newcomb, Easton, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J. Valve mechanism. 1,999,967; Apr. 30.
- Miller, Raymond E. (See Farmer, C. C., and Miller.)
- Miller, Raymond E., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Packing cup. 2,004,669; June 11.
- Miller, Raymond E., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 2,024,656; Dec. 17.
- Miller, Richard B. (See Miller, Philip M. and R. B.)
- Miller, Robert A., Plainfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound recording system. 1,993,795; Mar. 12.
- Miller, Robert A., Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Process and apparatus for bending glass sheets. 2,003,383; June 4.
- Miller, Robert A., Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Repairing and treating glass pots and the like. 2,011,498; Aug. 13.
- Miller, Robert A. and L. V. Black, Tarentum, Pa., assignors to Pittsburgh Plate Glass Company. Apparatus for case hardening glass. 2,015,807; Oct. 1.
- Miller, Robert A., and F. Gelstharp, Tarentum, Pa., assignors to Pittsburgh Plate Glass Company. Double window construction. 2,015,808; Oct. 1.
- Miller, Robert S., Ashton-under-Lyne, England. Direction indicator. 2,004,007; June 4.
- Miller, Roy W. (See White, J. C., and Miller.)
- Miller, Royal V., Tulsa, Okla. Apparatus for cooling air. 2,007,406; July 9.
- Miller, Rudolph W., Brooklyn, N. Y. Boat. 1,991,512; Feb. 19.
- Miller, Rudolph W., Winona, Minn. Journal oiler. 2,013,357; Sept. 3.
- Miller, Russell H. (See Miller, Alvin L., and R. H.)
- Miller, Russell W., Berkeley and L. V. Steck, Oakland, assignors to Shell Development Company, San Francisco, Calif. Making acetaldehyde. 2,005,946; June 25.
- Miller, S. Eugene. (See Wagner, Ludwig W., assignor.)
- Miller, S. Eugene. (See Weis, Paul B., assignor.)
- Miller, Samuel C., assignor to Frankfort Distilleries Incorporated, Louisville, Ky. Bottle and closure therefor. 2,000,407; May 7.
- Miller, Samuel C., assignor to Frankfort Distilleries, Incorporated, Louisville, Ky. Sealed transparent container for bottles. 2,025,470; Dec. 24.
- Miller, Samuel C., assignor of one-half to J. A. Weis, New York, N. Y. Massage brush. 2,004,633; June 11.
- Miller, Samuel C., Louisville, Ky., and K. Britcher, Baltimore, Md., assignors to Frankfort Distilleries, Incorporated, Louisville, Ky. Transparent bottle container. 1,992,087; Feb. 19.
- Miller, Samuel W., deceased, by E. Z. Miller, executrix, Hollis, N. Y., assignor, by mesne assignments, to Oxweld Acetylene Company. Welding rod. 1,993,852; Mar. 12.
- Miller, Sidney E., Scotia, N. Y., assignor to General Electric Company. Humidifier. 2,006,928; July 2.
- Miller, Soren C., assignor to Three Point Corporation, St. Louis, Mo. Folding stool. 2,026,427; Dec. 31.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Recovery of tar acids, etc. 2,002,704; May 28.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar. 2,005,102; June 18.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Cutting back pitch in two stages. 2,007,378; July 9.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Purification of organic solids. 2,011,724; Aug. 20.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Saturating fibrous conduit and making same. 2,012,968; Sept. 3.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Continuous saturation of absorbent articles such as fibrous conduits. 2,012,969; Sept. 3.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Saturation of absorbent conduits. 2,012,970; Sept. 3.
- Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Operation of coal distillation plants. 2,016,751; Oct. 8.
- Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Method and apparatus for dehydrating and distilling tar. 2,018,377; Oct. 22.
- Miller, Swift, Wauwatosa, assignor to E. R. Wagner Manufacturing Company Milwaukee, Wis. Seat adjuster. 2,003,549; June 4.
- Miller, T. A. (See Dohrwardt, John F., assignor.)
- Miller, Theodore H., Walla Walla, Wash. Device for advancing a board to cut-off saws. 1,994,957; Mar. 19.
- Miller, Theodore H., Walla Walla, Wash. Toy block. 2,020,562; Nov. 12.
- Miller, Theodore H., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Making disks for centrifugal separator bowls. 2,012,589; Aug. 27.
- Miller, Thomas H. (See Lawrence, W. S., and Miller.)
- Miller, Thomas S., Rome, N. Y. Tension testing device. 1,987,787; Jan. 15.
- Miller, Thomas S., Rome, N. Y. Tank filling device. 2,025,067; Dec. 24.
- Miller, Thomas W., assignor to The Faultless Rubber Company, Ashland, Ohio. Closure for containers. 1,988,661; Jan. 22.
- Miller, Thomas W., assignor to The Faultless Rubber Company, Ashland, Ohio. Closure for containers. 1,988,852; Jan. 22.
- Miller, Thomas W., assignor to The Faultless Rubber Company, Ashland, Ohio. Fountain syringe. 2,023,028; Dec. 3.
- Miller, Trelyn W., Malvern Komgha, Union of South Africa. Machine for brushing citrus or other fruits. 2,000,779; May 7.
- Miller, Vere C. (See Miller, Edward E., and V. C., and Powell.)
- Miller, Verne S. (See Baldwin, C. C., and Miller.)
- Miller, Walter G. (See Herrick, H. N., and Miller.)
- Miller, Walter, Benton Harbor, Mich. Handle. 2,007,476; July 9.
- Miller, Walter K., Chicago, Ill. Printing. 2,017,631; Oct. 15.
- Miller, Walter K., assignor to Shellmar Products Company, Chicago, Ill. Package. 1,995,516; Mar. 26.

- Miller, Walter K., La Grange, assignor to Shellmar Products Company, Chicago, Ill. Bag. 2,000,345; May 7.
- Miller, Walter K., La Grange, assignor to Shellmar Products Company, Chicago, Ill. Handling freshly printed paper in roll form. 2,006,597; July 2.
- Miller, Walter R., Mansfield, Ohio. Metallic container. 2,000,780; May 7.
- Miller, Walter T., Gloucester, Mass. Machine for perforating sheet material. 2,011,645; Aug. 20.
- Miller, Wilber B. (See Wissler, W. A., and Miller.)
- Miller, Wilber B., Flushing, N. Y., assignor to Oxweld Acetylene Company. Brazing alloy. 1,988,422; Jan. 15.
- Miller, Wilber B., Flushing, N. Y., assignor to Oxweld Acetylene Company. Coated welding electrode. 2,000,861; May 7.
- Miller, Wilber B., Flushing, N. Y., assignor to Oxweld Acetylene Company. Welding rod. 2,010,605; Aug. 6.
- Miller, Wilber B., Niagara Falls, N. Y., assignor to Oxweld Acetylene Company. Coated welding rod. 2,024,991; Dec. 17.
- Miller, William C. (See Abbott, A. L., and Miller.)
- Miller, William C., Kenmore, N. Y. Patching device. 2,007,972; July 16.
- Miller, William C., Canton, Ohio, assignor to Diebold Safe & Lock Co. Receptacle. 1,990,300; Feb. 5.
- Miller, William C., assignor to Diebold Safe & Lock Co., Canton, Ohio. Delayed control timelock. 1,998,201; Apr. 16.
- Miller, William C., and A. L. Abbott, assignors to Diebold Safe & Lock Co., Canton, Ohio. Safe structure. 2,003,302; June 4.
- Miller, William G., assignor to The R. C. Mahon Company, Detroit, Mich. Closure member. 2,019,084; Oct. 29.
- Miller, William G., assignor to The R. C. Mahon Company, Detroit, Mich. Governor for closure members. 2,019,085; Oct. 29.
- Millican, Charles M., Grapevine, Tex. Zigzag harrow. 2,011,687; Aug. 20.
- Millican, Roy E., Dallas, assignor to L. R. Munger, trustee, Dallas County, Tex. Hydraulic clutch. 1,990,874; Feb. 12.
- Millican, Roy E., Dallas, Tex., and W. R. Millican, Parsons, Kans. Power transmission. 2,003,212; May 28.
- Millican, Word R. (See Millican, Roy E., and W. R.)
- Millie Patent Holding Co. Inc. (See Hirschhorn, L., and Irmscher, assignors.)
- Millie Patent Holding Co., Inc. (See Ingram, Walter M., assignor.)
- Millie Patent Holding Co. Inc. (See Irmscher, Hans, assignor.)
- Milligan, Joseph H., Holliston, assignor of fifty-one one-hundredths to E. M. Warwick, Boston, Mass. 2,010,461; Aug. 6.
- Milligan, Lowell H., and D. Armitage, assignors to Norton Company, Worcester, Mass. Ceramic bonded abrasive article. 1,987,861; Jan. 15.
- Milligan, Scott D., Muncie, Ind. Transport apparatus. 1,986,007; Jan. 1.
- Millican, Robert A., and R. W. Serensen, assignor to California Institute of Technology, Pasadena, Calif. Electric switch. 1,996,304; Apr. 2.
- Millinger, August, Louisville, Ky. Adjustable holding device. 1,991,565; Feb. 19.
- Millinger, August, Louisville, Ky. Making a sheet metal article. 2,023,933; Dec. 10.
- Millis, Earl R., Kansas City, Mo. Device for making coffee and the like. 2,017,701; Oct. 15.
- Millmine, Herbert W., Houston, Tex. Rod packing. 2,007,501; July 9.
- Millner, Theodore, Ujpest, and P. Tury, Budapest, Hungary, assignors, by mesne assignments, to General Electric Company. Production of large crystal metal bodies. 2,012,825; Aug. 27.
- Mills, Albert W., East Orange, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Printing mechanism for tabulators. 2,007,379; July 9.
- Mills, Albert W., East Orange, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Perforated record card. 2,016,681; Oct. 8.
- Mills, Albert W., East Orange, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,016,682; Oct. 8.
- Mills, B. A., Shreveport, La. Automatic liner safety. 2,005,796; June 25.
- Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Antitilting lock mechanism for pin ball games. 2,006,646; July 2.
- Mills Company, The. (See Hult, W. G., and Winslow, assignors.)
- Mills Company, The. (See Koenig, Elmer E., assignor.)
- Mills Company, The. (See Koenig, E. E. and Mills, assignors.)
- Mills Company, The. (See Winslow, Edward N., assignor.)
- Mills, Ernest J., Keansburg, N. J. Collapsible tube holder. 2,008,462; July 16.
- Mills, George I. (See H'Doubler, C. W., and Mills.)
- Mills, George McK. (See Koenig, E. E., and Mills.)
- Mills, George McK. (See Koenig, E. E., Mills, and Hult.)
- Mills, Guyan, Inc. (See Bosworth, Roswell I., assignor.)
- Mills, Harry. (See Pearton, H. W., and Mills.)
- Mills, Harry A., Noblesville, Ind. Water heater. 2,006,838; July 2.
- Mills, Harry P., Toronto, Ontario, Canada, assignor to Bakelite Corporation, New York, N. Y. Preparing abrasive or polishing tools. 2,008,723; July 23.
- Mills, Herbert S., River Forest, assignor to Mills Novelty Company, Chicago, Ill. Combined whipper and scraper for ice cream freezers. 2,004,446; June 11.
- Mills, Howard F., Buffalo, assignor of one-half to G. W. Wenz, Lancaster, N. Y. Windshield. 2,022,296; Nov. 26.
- Mills, John, Brooklyn, N. Y., assignor to The Food Processing Company, Philadelphia, Pa. Sealing containers. 1,989,491; Jan. 29.
- Mills, Joseph E. (See Lilly, C. A., and Mills.)
- Mills, Lindley E. (See Grebe, J. J., Stoesser, and Mills.)
- Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Alkali-metal trichlorophenolates. 1,991,329; Feb. 12.
- Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Zinc 2,4,5-trichlorophenolate. 1,994,002; Mar. 12.
- Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Insecticide. 2,017,506; Oct. 15.
- Mills, Louis D., T. B. Crowe, and L. W. Lennox, Palo Alto, assignors to The Merrill Company, San Francisco, Calif. Cyanide process and apparatus. 1,990,559; Feb. 12.
- Mills Novelty Company. (See Koehler, Frank A., assignor.)
- Mills Novelty Company. (See Mills, Bert E., assignor.)
- Mills Novelty Company. (See Mills, Herbert S., assignor.)
- Mills Novelty Company. (See Radtke, Bruno, assignor.)
- Mills Novelty Company. (See Smith, Blanchard D., assignor.)
- Mills, Oscar L., Los Angeles, Calif. Body treating band or article. 2,002,673; May 28.
- Mills, Percy E. (See Bierstedt, G. C., and Mills.)
- Mills, Percy E., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collecting apparatus. 2,004,615; June 11.
- Mills, Percy E., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collector apparatus. 2,022,971; Dec. 3.
- Mills, Perley B., Sabina, Ohio. Removing sedimentation from bottled liquids. 1,995,072; Mar. 19.
- Mills, Raymond, assignor to The Lockite Co., Inc., Gloversville, N. Y. Bag. 1,998,554; Apr. 23.
- Mills, Robert K., Sherwood, Nottingham, assignor to Hosiery Developments Limited, Nottingham, England. Needle for use in the production of knitted fabrics. 1,997,530; Apr. 9.
- Mills, Ronald Van A., assignor to Continental Oil Company, Ponca City, Okla. Treating oil and gas wells. 2,001,350; May 14.
- Mills, Rufus A., Baltimore, Md., assignor to Lord-Mott Company, Incorporated. Machine for washing and blanching spinach and other vegetables. 2,013,522; Sept. 3.
- Millsom, James A., assignor to F. L. Dickey and C. Histed, receivers for W. S. Dickey Clay Manufacturing Co., Kansas City, Mo. Conduit. 1,995,716; Mar. 26.
- Millsbaugh, Clark W. (See Wilson, J. S., Millsbaugh, and Overmire.)
- Millward, Albert M. (See Yates, R. C., and Millward.)
- Millward, John R., Tenafly, N. J. Freewheel transmission mechanism. 2,025,298; Dec. 24.
- Milly, Lucien C. E., Paris, France. Hinge with hydraulic brake. 2,018,564; Oct. 22.
- Milmoe, Michael J., Glen Ellyn, assignor to F. B. Redington Co., Chicago, Ill. Carton stripping and squaring mechanism. 1,989,286; Jan. 29.
- Milmoe, Michael J., Glen Ellyn, assignor to F. B. Redington Co., Chicago, Ill. Package and making same. 2,019,191; Oct. 29.
- Milmoe, Michael J., assignor to F. B. Redington, Co., Chicago, Ill. Conveying mechanism for wrapping machines. 2,016,820; Oct. 8.
- Milne, George D., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electromagnetic device and circuit therefor. 2,016,448; Oct. 8.
- Milne, Gordon R., Bloomfield, N. J., assignor to Westinghouse Elec. & Mfg. Company. Network distribution system. 1,997,647; Apr. 16.
- Milne, William, Dumbarton, Scotland. Buoyant clothing. 2,019,086; Oct. 29.
- Milne, Winford G., assignor to N. Slater Company, Limited, Hamilton, Ontario, Canada. Ground rod clip. 1,986,642; Jan. 1.
- Milner, Bertram, St. Bernard, Ohio. Artificial bait or fish lure. 2,005,554; June 18.
- Milner, Emanuel J., Los Angeles, Calif. Making arch supports. 1,992,439; Feb. 26.
- Milnes, Tom, Lachute Mills, Quebec, Canada, assignor of one-half to Ayers Limited, Lachute Mills, Quebec, Canada. Dryer felt for paper making machines. 2,005,979; June 25.
- Milone, Louis J., Livingston, assignor to Orange Screen Company, Maplewood, N. J. Window screen. 1,987,860; Jan. 15.
- Milprint Products Corporation. (See Rosen, Shy, assignor.)
- Milsom, Francis E. (See Goldstein, R. F., and Milsom.)

- Miltenberger, Eugene F., Red Bank, N. J. Roller conveyer. 1,993,519; Mar. 5.
- Miltenberger, Eugene F., Red Bank, N. J. Roller bearing. 2,022,252; Nov. 26.
- Miltenberger, Jacob E., Jr. (See Bowser, R. R., and Miltenberger.)
- Miltner, Arthur, Saginaw, Mich. Self-lubricating drill. 2,007,031; July 16.
- Milton Bradley Company. (See McNamara, John T., assignor.)
- Miltprint Products Corporation. (See Rosen, Shy, assignor.)
- Milwaukee, City of. (See Heyde, Henry F., assignor.)
- Milwaukee Flush Valve Company. (See Judell, Julius S., assignor.)
- Milwaukee Gas Specialty Company. (See Arden, Thomas T., assignor.)
- Milwaukee Gas Specialty Company. (See Gauger, Frank A., assignor.)
- Milwaukee Gas Specialty Company. (See Hildebrecht, Charles V., assignor.)
- Milwaukee Gas Specialty Company. (See Leins, Oscar J., assignor.)
- Milwaukee Gas Specialty Company. (See Mantz, Harold A., assignor.)
- Milwaukee Gas Specialty Company. (See Meusy, Eugene E., assignor.)
- Milwaukee Gas Specialty Company. (See Sackett, Warren W., assignor.)
- Milwaukee Gas Specialty Company. (See Steffen, Elmer G., assignor.)
- Milwaukee Gas Specialty Company. (See Toelle, Herbert E., assignor.)
- Milwaukee Gas Specialty Company. (See Wantz, Clarence, assignor.)
- Mina, Louis. (See Bianchi, V. L., and Mina.)
- Mina-Max Co. (See Krannach, Steven J., assignor.)
- Minard, David P., assignor to Armour and Company, Chicago, Ill. Car refrigeration. 2,024,052; Dec. 10.
- Minard, David P., assignor to Armour and Company, Chicago, Ill. Car refrigeration. 2,024,053; Dec. 10.
- Miniole, Louis J., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Bumper. 2,012,725; Aug. 27.
- Mine and Smelter Supply Company, The. (See Wales, Jess P., assignor.)
- Mine Safety Appliances Company. (See Gilliland, E. W., and Price, assignors.)
- Mine Safety Appliances Company. (See Jacobson, Moses G., assignor.)
- Mine Safety Appliances Company. (See Punton, Charles W., assignor.)
- Mine Safety Appliances Company. (See Punton, C. W., and Dym, assignors.)
- Miner, Carl S. (See Nielsen, Erik R., assignor.)
- Miner, Claude G., Berkeley, Calif. Production of metallic aluminum, or aluminum chloride and certain metals as by-products. 1,987,629; Jan. 15.
- Miner, George A., Medford, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating apparatus. 1,993,718; Mar. 5.
- Miner, Irving O., Seekonk, Mass., and A. F. Bennett, West Barrington, R. I., assignors to Brown and Sharpe Manufacturing Company. Machine tool. 2,011,068; Aug. 13.
- Miner, W. H., Inc. (See Dath, Charles E., assignor.)
- Miner, W. H., Inc. (See Dentler, Arnold E., assignor.)
- Miner, W. H., Inc. (See Dwyer, William M., assignor.)
- Miner, W. H., Inc. (See Geiger, William A., assignor.)
- Miner, W. H., Inc. (See Haseltine, Stacy B., assignor.)
- Miner, W. H., Inc. (See Lewis, Goodrich O., assignor.)
- Miner, W. H., Inc. (See Lindeman, James E., assignor.)
- Miner, W. H., Inc. (See Lounsbury, Harvey J., assignor.)
- Miner, W. H., Inc. (See O'Connor, John F., assignor.)
- Mineralite Corporation. (See Du Pont, Francis I., assignor.)
- Minerals Separation North American Corporation. (See Keller, Cornelius H., assignor.)
- Mines Domaniales de Potasse d'Alsace. (See Walter, Jacques, assignor.)
- Minervitch, Borrah, New York, N. Y. Chromatic harmonica with tone controls. 2,000,408; May 7.
- Minger, Forest R. (See Barstow, E. O., Heath, and Minger.)
- Minimax A-G. (See Betzler, Martin, assignor.)
- Mining Engineering Company Limited, The. (See Moore, Matthew S., assignor.)
- Mining Engineering Company Limited, The. (See Oliver, E. H., and Robson, assignors.)
- Mink, Benjamin L., Glenolden, Pa. Merchandising package for pins. 2,019,267; Oct. 29.
- Minkel, Reuben S., Hollywood, Calif. Illuminated decoration for burial caskets. 2,019,192; Oct. 29.
- Minkler, William A. (See Smith, L. R., and Minkler.)
- Minkow, Julius M., assignor to R. Minkow, New York, N. Y. Safety or nonrepeat attachment. 2,020,615; Nov. 12.
- Minkow, Robert. (See Minkow, Julius M., assignor.)
- Minkowitz, George, New York, N. Y. Drive pulley for buttonhole stitching machines. 2,008,872; July 23.
- Minneapolis-Honeywell Regulator Company. (See Beam, Vilynn O., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Bower, George D., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Cunningham, Lewis L., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Denison, Frederick S., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Dougherty, William J., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Erickson, Arthur F., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Gille, Willis H., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Gille, W. H., and Bower, assignors.)
- Minneapolis-Honeywell Regulator Company. (See Hajek, William J., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Hotchkies, Clifford, assignor.)
- Minneapolis-Honeywell Regulator Company. (See Jones, David J., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Kingland, George D., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Kriechbaum, John P., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Lugar, Charles W., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Magner, Philip G., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Mattern, Raymond P., assignor.)
- Minneapolis-Honeywell Regulator Company. (See McDonald, T., and Paisley, assignors.)
- Minneapolis-Honeywell Regulator Company. (See Robb, Joseph E., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Shipley, Sylvanus C., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Shivers, Paul F., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Taylor, Daniel G., assignor.)
- Minneapolis Linen Supply Company. (See Probst, Frederick B., assignor.)
- Minneapolis-Moline Power Implement Company. (See Orelind, John R., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Wells, Milton H., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Williams, Robert T., assignor.)
- Minnelli, Vincent, Pittston, Pa. Magazine razor blade holder. 1,999,129; Apr. 23.
- Minnelli, Vincent, Pittston, Pa. Safety razor blade. 2,004,008; June 4.
- Minnesota Mining & Manufacturing Company. (See McCarthy, Charles D., assignor.)
- Minnesota Mining & Manufacturing Company. (See Okie, Francis G., assignor.)
- Minogue, Roland E., Manitowoc, Wis., assignor, by mesne assignments, to Rem Engineering Co., Wilmington, Del. Screen. 2,012,726; Aug. 27.
- Minor, Henry R., Ossining, N. Y., assignor to Walter Kidde & Company, Inc. Valve structure. 1,986,592; Jan. 1.
- Minor, Henry R., Oak Park, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Manufacture of sponge rubber from latex or rubber solutions. 1,990,460; Feb. 5.
- Minor, Henry R., Oak Park, Ill., assignor, by mesne assignments, to Industrial Process Corporation, Saratoga Springs, N. Y. Securing adhesion of rubber to metal. 2,017,071; Oct. 15.
- Minor, Henry R., Oak Park, Ill., assignor, by mesne assignments, to Industrial Process Corporation, Saratoga Springs, N. Y. Manufacturing sponge rubber. 2,017,217; Oct. 15.
- Minorsky, Nicolai, Swarthmore, Pa. Electrical controlling system. 1,988,458; Jan. 22.
- Minorsky, Nicolai, Swarthmore, Pa. Stabilizing apparatus. 2,017,072; Oct. 15.
- Minshall, Robert J., assignor to Boeing Airplane Company, Seattle, Wash. Retractable landing gear. 2,005,980; June 25.
- Minsk, Louis M. (See Staud, C. J., and Minsk.)
- Minsky, Samuel V., L. T. Foley, and H. Leopold, Knox County, Tenn. Cylinder paper machine. 2,001,208; May 14.
- Minter, Clarke C., Fishkill, N. Y. Apparatus for testing combustion. 2,025,121; Dec. 24.
- Minto, Arthur W., Rushall, Turnbridge Wells, England. Device for lifting eggs, fruit, or the like. 1,995,619; Mar. 26.
- Minton, Benjamin H., assignor of one-half to F. E. Beaty, Huntington, Ind. Mirror light. 2,014,690; Sept. 17.
- Minton, Corwin R., assignor of one-third to William B. Phillips, and one-third to Burdick R. Ellis, Los Angeles, Calif. Filtering product and making the same. 2,000,777; May 7.
- Minton, John P., White Plains, assignor, by mesne assignments, to said Minton and Herbert H. Frost, New York, N. Y. Radioreceiver. 2,018,081; Oct. 22.
- Minturn, Claude H., Pasadena, Calif. Vending cabinet. 1,988,607; Jan. 22.
- Mintz, Henry A., Norwood, Mass. Stamping machine. 2,025,691; Dec. 24.
- Minuttilo, Frank, Manahawkin, N. J. Automobile jack. 2,003,213; May 28.
- Minutoli, Andrea, San Francisco, Calif. Wall construction. 2,000,409; May 7.

- Miollis, Raymond, Elgin, Ill. Method and apparatus for making cheese. 2,025,213; Dec. 24.
- Mioton, Sidney F., New Orleans, La. Structural building frame. 1,988,388; Jan. 15.
- Mioton, Sydney F., New Orleans, La. Metallic building construction. 1,988,389; Jan. 15.
- Miranda, Ignacio J., assignor to American Armament Corporation, New York, N. Y. Aircraft armament. 2,016,211; Oct. 1.
- Mirandette, Stephen, Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cementing machine. 2,007,280; July 9.
- Mirel, Louis I., assignor to E. Clein, Brooklyn, N. Y. Comb. 2,023,281; Dec. 3.
- Mirfield, George E., R. E. Lewis, and C. Firth, Youngstown, and J. E. Neale, Girard, assignors to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Electric welding apparatus. 2,003,118; May 28.
- Misch, Arthur, assignor to M. B. Skinner Co., South Bend, Ind. Valve seat dressing device. 2,019,790; Nov. 5.
- Misener, Joseph A., Niagara Falls, Ontario, Canada. Razor blade holder. 2,020,154; Nov. 5.
- Mishawaka Rubber and Woolen Manufacturing Company. (See Blair, G. W., and Hunt, assignors.)
- Mishawaka Rubber and Woolen Manufacturing Company. (See Mason, Claude D., assignor.)
- Mishcon, Samuel. (See Agulnek, Harry, assignor.)
- Mishelevich, Benjamin, Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,024,980; Dec. 17.
- Misner, John W., West Asheville, N. C. Mirror. 1,991,566; Feb. 19.
- Miss, Walter C., Hilo, Hawaii. Making fibrous lumber and insulating material. 1,996,343; Apr. 2.
- Missel, Emma W., West Webster, N. Y. Cap for fruit jars. 2,024,657; Nov. 17.
- Mississippi Glass Company. (See Schmid, Arthur W., assignor.)
- Missner, Philip. (See Palmer, G. B., Jr., Grubba, and Missner.)
- Misterly, Frank S. (See Morehouse, Terry B., assignor.)
- Mitchel, Clyde L. E., El Monte, and E. L. Wetmore, Alhambra, assignors to Challenge Cream and Butter Association, Los Angeles, Calif. Cheese packing and resuting products. 2,025,544; Dec. 24.
- Mitchel, Ralph H. (See Randolph, D. W., and Mitchel.)
- Mitchell, Allister S., assignor to National Automotive Fibres, Inc., Detroit, Mich. Apparatus for and method of producing upholstery. 1,996,728; Apr. 2.
- Mitchell, Allister S., assignor to National Automotive Fibres, Inc., Detroit, Mich. Upholstery-making machine and method. 1,997,374; Apr. 9.
- Mitchell, Allister S., Detroit, Mich., assignor to National Automotive Fibres, Inc., Oakland, Calif. Upholstery machine. 2,003,897; June 4.
- Mitchell, Allister S., Detroit, Mich., assignor to National Automotive Fibres, Inc., Oakland, Calif. Upholstery method. 2,004,705; June 11.
- Mitchell, Allister S., Oakland, Calif., assignor to National Automotive Fibres, Inc., Detroit, Mich. Sewing machine. 2,024,802; Dec. 17.
- Mitchell, Allister S., Oakland, Calif., assignor to National Automotive Fibres, Inc., Detroit, Mich. Upholstery making apparatus. 2,025,355; Dec. 24.
- Mitchell, August, New York, N. Y., assignor to American Tube and Cap Corporation, Jersey City, N. J. Container closure. 2,013,166; Sept. 3.
- Mitchell-Bissel Co. (See Williams, John A., assignor.)
- Mitchell, Bryce, Seattle, Wash. Rotary pump. 2,004,958; June 18.
- Mitchell Camera Corporation. (See Mitchell, George A., assignor.)
- Mitchell, Charles D. (See Parkes, D. W., and Mitchell.)
- Mitchell, Charlie C., Pasadena, Calif. Paper hanger's gauge. 2,023,145; Dec. 3.
- Mitchell, Courtney N., Berea, Ohio, assignor to Houde Engineering Corporation, Buffalo, N. Y. Connecting rod for shock absorbers. 2,021,193; Nov. 19.
- Mitchell, Courtney N., Strongsville, Ohio, assignor to Houde Engineering Corporation, Buffalo, N. Y. Link. 2,021,194; Nov. 19.
- Mitchell, Courtney N., Cleveland Heights, Ohio. Packing ring. 2,025,299; Dec. 24.
- Mitchell, D. P., et al. (See Ball, Francis J., assignor.)
- Mitchell, D. P., et al. (See Biddle, C. M., Jr., and Ball.)
- Mitchell, David, Jr., Buena Park, Calif. Bearing seal. 2,014,859; Sept. 17.
- Mitchell, David, Jr., Buena Park, Calif. Pump. 2,014,860; Sept. 17.
- Mitchell, Donald H., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Control device. 2,004,918; June 11.
- Mitchell, Doren. (See Abraham, L. G., and Mitchell.)
- Mitchell, Doren. (See Abraham, L. G., Mitchell, and Hawkins.)
- Mitchell, Doren. (See Taylor, E. R., and Mitchell.)
- Mitchell, Doren. (See Wright, S. B., and Mitchell.)
- Mitchell, Doren, Martinsville, N. J., assignor to American Telephone and Telegraph Company. Wave responsive transmission control. 1,986,514; Jan. 1.
- Mitchell, Doren, Martinsville, N. J., assignor to American Telephone and Telegraph Company. Transmission control. 1,986,515; Jan. 1.
- Mitchell, Doren, Martinsville, N. J., assignor to American Telephone and Telegraph Company. Four-wire terminal transmission control. 1,986,516; Jan. 1.
- Mitchell, Doren, Bound Brook, and L. Schott, East Orange, N. J., assignors to American Telephone and Telegraph Company. System of variable amplification. 2,019,577; Nov. 5.
- Mitchell, Edward R., assignor of one-half to R. Kendall, Sarnia, Ontario, Canada. Separating oil from fuller's earth or similar material. 2,006,088; June 25.
- Mitchell, Ernest M., Bexley, New South Wales, Australia. Dust prevention in rock drills. 2,009,066; July 23.
- Mitchell, George A., Los Angeles, assignor to Mitchell Camera Corporation, West Hollywood, Calif. Mat box mounting for motion picture cameras. 1,991,814; Feb. 19.
- Mitchell, George A., Los Angeles, assignor to Mitchell Camera Corporation, West Hollywood, Calif. Camera focusing mechanism. 2,000,090; May 7.
- Mitchell, George A., Beverly Hills, assignor to Mitchell Camera Corporation, West Hollywood, Calif. Swinging finder mounting. 2,012,514; Aug. 27.
- Mitchell, George A., Los Angeles, assignor to Mitchell Camera Corporation, West Hollywood, Calif. View finder parallax and photograph lens focusing mechanism for motion picture cameras. 2,012,515; Aug. 27.
- Mitchell, Hunt, and F. A. Nave, Carbondale, Ill. Photographing device. 1,993,178; Mar. 5.
- Mitchell, James, Glasgow, assignor to Mitchell, Russell and Company Limited, Stirlingshire, Scotland. Tip-up seat. 1,987,346; Jan. 8.
- Mitchell, James W., Kenmore, assignor to Du Pont Rayon Company, New York, N. Y. Motor mounting. 2,006,960; July 2.
- Mitchell, John A., Ridley Park, assignor to Belmont Iron Works, Philadelphia, Pa. Improvements in apparatus for making metal floor panels. 2,021,893; Nov. 26.
- Mitchell, John E., Dallas, Tex. Method of and apparatus for drying cotton. 1,988,629; Jan. 22.
- Mitchell, John E., Dallas, Tex. Cotton cleaning and reclaiming machine. 2,001,974; May 21.
- Mitchell, John E., Dallas, Tex. Cotton cleaning and reclaiming machine. 2,005,265; June 18.
- Mitchell, John E., Dallas, Tex. Cotton distributing and receiving system. 2,015,954; Oct. 1.
- Mitchell, John E., Dallas, Tex. Automatic feed control apparatus for separating cotton from air. 2,024,469; Dec. 17.
- Mitchell, John E., Dallas, Tex. Combined cotton cleaning and drying machine. 2,025,700; Dec. 24.
- Mitchell, John E., Dallas, Tex. Cotton cleaning, distributing, and drying apparatus. 2,025,701; Dec. 24.
- Mitchell, John K., Villanova, Pa. Game table. 2,003,834; June 4.
- Mitchell, John K., Bryn Mawr, Pa. Folding leg construction. 2,003,835; June 4.
- Mitchell, John K., Bryn Mawr, Pa. Folding leg construction and locking means therefor. 2,003,836; June 4.
- Mitchell, Joseph F. (See Pityo, A. F., and Mitchell.)
- Mitchell, Lewis J., and J. A. Morrison, Warren, Ohio, said Morrison assignor to said Mitchell. Boiler. 2,015,350; Sept. 24.
- Mitchell, Merlin, Orlando, Florida. Artificial bait and fishing lure of the spinner type. 1,986,738; Jan. 1.
- Mitchell, Ormah R., assignor to American Steel Foundries, Chicago, Ill. Clasp brake. 1,991,330; Feb. 12.
- Mitchell, Orville, Dallas, Tex. Pressed-metal cylinder. 2,019,154; Oct. 29.
- Mitchell, Orville, Dallas, Tex. Saw cylinder for cotton extracting machines. 2,003,262; May 28.
- Mitchell, Orville, assignor to Inside Tray Company, Dallas, Tex. Serving tray. 2,002,328; May 21.
- Mitchell, Randolph, La Fayette, Ind. Half-sole or heel lift and forming same. 2,012,172; Aug. 20.
- Mitchell, Richard S. M., Detroit, Mich. Ball joint element. 2,005,948; June 25.
- Mitchell, Rollie H. (See Vaughn, J. A., Mitchell, and Sjogren.)
- Mitchell, Russell and Company Limited. (See Mitchell, James, assignor.)
- Mitchell Specialty Company. (See Seitz, Joseph J., assignor.)
- Mitchell, Stanley C. (See Baker, A. W., and Mitchell.)
- Mitchell, Thomas A., assignor to Hughes-Mitchell Processes, Incorporated, Denver, Colo. Ore treatment apparatus. 2,015,687; Oct. 1.
- Mitchell, Thomas A., assignor, by mesne assignments, to Hughes-Mitchell Processes, Incorporated, Denver, Colo. Treating sulphide ores. 2,025,068; Dec. 24.
- Mitchell, Thomas A., and R. L. Sessions, Denver, assignors, by mesne assignments, to Hughes-Mitchell Processes Incorporated, Denver, Colo. Making zinc and sodium sulphides. 2,020,323; Nov. 12.
- Mitchell, William J., San Francisco, Calif., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Rig for rotary drills. 2,000,975; May 14.
- Mitchell, William J., San Francisco, Calif., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Rotary drilling machine. 2,000,976; May 14.
- Mitchell, William J., San Francisco, Calif., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Face bit. 2,009,742; July 30.
- Mitchell, William J., San Francisco, Calif., assignor to Pneumatic Tool Company, New York, N. Y. Rotary drilling machine. 2,019,761; Nov. 5.

- Mitchell, William J., San Francisco, Calif., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Drill rig. 2,023,027; Dec. 3.
- Mitchell, William M., Brooklyn, assignor of one-half to John H. Schwab, New York, N. Y. Safety switch and fuse box. 2,009,297; July 23.
- Mitchell, Winfred M., Hopewell, Va., and H. L. Barthelmy, Rome, Ga., assignors to Tubize Chatillon Corporation, New York, N. Y. Treating fabrics and composition therefor. 1,989,209; Jan. 29.
- Mitcheson, Ernest J., Detroit, Mich. Awning cloth fastening device. 1,986,517; Jan. 1.
- Mitereff, Sergei D., Petersburg, Va. Control device. 2,015,861; Oct. 1.
- Mitereff, Sergei D., Petersburg, Va. Automatic pilot. 2,015,862; Oct. 1.
- Mitereff, Sergei D., Petersburg, Va. Automatic regulator and method. 2,020,847; Nov. 12.
- Mitereff, Sergei D., Petersburg, Va. Regulator. 2,022,818; Dec. 3.
- Mithoff, Robert C. (See Shiffer, W. H., and Mithoff.)
- Mitre Box Corporation. (See Bowman, H. T., and Buser, assignors.)
- Mitscherling Waldemar O., assignor to Neon Research of Connecticut, Inc., Bridgeport, Conn. Catalytic conversion of hydrocarbons. 2,003,303; June 4.
- Mitscherling, Waldemar O., assignor to Neon Research of Connecticut, Inc., Bridgeport, Conn. Treatment of hydrocarbons. 2,003,898; June 4.
- Mitsubishi Denki Kabushiki-Kaisha, The. (See Kato, Y., and Takei, assignors.)
- Mitsuda, Ryotaro, Tokyo, Japan. Arc commutator. 1,997,831; Apr. 16.
- Mittag, Albert H., Schenectady, N. Y., assignor to General Electric Company. Control system. 1,998,938; Apr. 23.
- Mittag, Albert H., Schenectady, N. Y., assignor to General Electric Company. Contouring device. 1,998,939; Apr. 23.
- Mitte, Walter F., Milwaukee, Wis. Nail-on brick. 1,986,739; Jan. 1.
- Mittel, Friederich W., Brooklyn, N. Y. Oyster-opener. 2,017,370; Oct. 15.
- Mittelman, Benjamin E., Chicago, Ill. Game. 2,001,366; May 14.
- Mittelmark, Martin. (See Grosseth, John, assignor.)
- Mittelstadt, Walter E. (See Earle, R. H., and Mittelstadt.)
- Mitten, Raymond F. (See Eberling, C. M., and Mitten.)
- Mittendorf, William R., and R. H. Money, assignors to The Crosley Radio Corporation, Cincinnati, Ohio. Restricted flow device. 2,021,079; Nov. 12.
- Mitterer, Albert R. (See Rorrer, C. E., and Mitterer.)
- Mittler, Stephen, et al. (See Bacsa, Johann, assignor.)
- Mitton, Frank W. (See Clark, W. A., and Mitton.)
- Mitzman, Irving, Brooklyn, N. Y. Steam iron. 2,021,606; Nov. 19.
- Mix, Edwin S., Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc. Buckle. 1,989,016; Jan. 22.
- Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Collar bar. 1,996,024; Mar. 26.
- Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Collar bar. 1,996,025; Mar. 26.
- Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Clasp. 2,008,624; July 16.
- Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Necktie clasp. 2,009,941; July 30.
- Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Necktie holder. 2,024,943; Dec. 17.
- Mixing Equipment Company. (See Craddock, Frederick L., assignor.)
- Myeno, Yukichi, South Omaha, Nebr. Bill fold and purse. 2,008,220; July 16.
- Mizer, Joseph J., assignor to Walker Manufacturing Company, Racine, Wis. Slack cable stop for hoists. 1,990,241; Feb. 5.
- Mizer, Joseph J., assignor to Walker Manufacturing Company, Racine, Wis. Rear axle support for automobile hoists. 1,990,242; Feb. 5.
- Mizer, Joseph J., assignor to Walker Manufacturing Company, Racine, Wis. Lifting jack. 1,990,243; Feb. 5.
- Mjolsness, Haakon, Minneapolis, assignor to Haaky Manufacturing Company, St. Paul, Minn. Grain gleaner and separator. 2,006,867; July 2.
- Mnookin, Nathan M. (See Patrick, Joseph C., assignor.)
- Moa Bay Company. (See Lindemuth, Lewis B., assignor.)
- Mobbs, Herbert, Northampton, England. Golf bag. 2,000,711; May 7.
- Mobbs, Richard O., London, England. Fastening means for vehicle roofs. 2,014,284; Sept. 10.
- Moberg, Evan L., Latrobe, assignor to McKenna Brass & Manufacturing Co., Inc., Pittsburgh, Pa. Treatment of bottled goods. 1,991,862; Feb. 19.
- Moberg, Evan L., Latrobe, assignor to McKenna Brass & Manufacturing Co., Inc., Pittsburgh, Pa. Method and apparatus for bottling. 2,001,209; May 14.
- Mobley, William R., Miami, Fla. Vent seal. 1,988,325; Jan. 15.
- Mobley, William R., Miami, Fla. Liquid seal vent. 1,992,875; Feb. 26.
- Mobley, William R., Miami, Fla. Oil clarifier. 2,009,510; July 30.
- Mobley, William R., Miami, Fla. Process and apparatus for separating liquids. 2,025,883; Dec. 31.
- Mocae, Francois L., Pasco, Wash. Trap. 1,996,969; Apr. 9.
- Mock, Frank C., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Fuel filter. 1,990,875; Feb. 12.
- Mock, Frank C., Montclair, assignor to Bendix Research Corporation, East Orange, N. J. Fuel supply means for internal combustion engines. 1,998,784; Apr. 23.
- Mock, Frank C., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Internal combustion engine. 1,998,785; Apr. 23.
- Mock, Frank C., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Fuel feed control. 2,002,040; May 21.
- Mock, Frank C., Montclair, assignor to Bendix Research Corporation, East Orange, N. J. Fuel feed control. 2,008,143; July 16.
- Mock, Frank C., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Internal combustion engine. 2,012,086; Aug. 20.
- Mock, Frank C., Montclair, assignor to Bendix Research Corporation, East Orange, N. J. Internal combustion engine. 2,020,794; Nov. 12.
- Mock, Frank C., and M. E. Chandler, assignors to Bendix Stromberg Carburetor Company, Chicago, Ill. Carburetor. 1,989,210; Jan. 29.
- Mock, Hugo. (See Benschel, Duryea, assignor.)
- Mock, Hugo, New York, N. Y. Collapsible tube. 1,990,560; Feb. 12.
- Mockler, Martin P. (See McGillicuddy, F. E., and Mockler.)
- Modern Curtain Co. Inc. (See Gutlon, Sidney S., assignor.)
- Modern Easel Company. (See Kapnek, William S., assignor.)
- Modern Food Process Company. (See Vogt, Charles H., assignor.)
- Modern Mfg. & Eng., Inc. (See Dooley, Harry L., assignor.)
- Modern Panels, Inc. (See Shoals, Frank H., assignor.)
- Modern Wall Construction, Inc. (See Thomson, Peter, assignor.)
- Modern Wrappers, Inc. (See Burke, James L., assignor.)
- Modersohn, August. (See Neelmeler, W., and Modersohn.)
- Modersohn, August. (See Thomae, H., Modersohn, Müller, and Muth.)
- Modess Corporation, The. (See Hicks, Thomas E., assignor.)
- Modigliani, Gino, assignor to the firm: Ing. C. Olivetti & C., Ivrea, Italy. Typewriter. 1,988,913; Jan. 22.
- Modigliani, Piero, assignor to Società Anonime Vetreria Italiana Balzaretto Modigliani, Livorno, Italy. Glass article. 2,011,252; Aug. 13.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Article of furniture. 1,999,659; Apr. 30.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Radiator structure. 2,005,235; June 18.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Engine cooling device. 2,005,468; June 18.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Radiator core. 2,006,649; July 2.
- Modine Manufacturing Company. (See Boerger, Martin G., assignor.)
- Modine Manufacturing Company. (See Bossart, O. A., and Eberhardt, assignors.)
- Modine Manufacturing Company. (See Modine, Arthur B., assignor.)
- Modlin, Lowell G., Huntington, W. Va., assignor of twenty-five per cent to S. J. Hyman, twelve and one-half per cent to C. M. Farrington, six and one-fourth per cent to T. V. Smith, and six and one-fourth per cent to A. L. Barnett. Food freezing attachment for mechanical refrigerators. 1,998,841; Apr. 23.
- Modzelewski, Frank S. (See La Corte, A., Modzelewski and Klyczek.)
- Moe, Bjarne H. (See Hollingsworth, R. A., and Moe.)
- Moecker, Arnold H., Homewood, Ill., assignor to American Stove Company, St. Louis, Mo. Stove or range top burner cover. 1,989,556; Jan. 29.
- Moecker, Henry Jr., Flossmoor, Ill., assignor to American Stove Company, St. Louis, Mo. Gas burner. 2,009,271; July 23.
- Moehler, Otto J., Newark, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Switch operating mechanism. 2,020,733; Nov. 12.
- Moehling, Ruth L., Brooklyn, N. Y. Shoe cover. 2,017,507; Oct. 15.
- Moeller, Benjamin A., Palos Verdes Estates, and G. M. Fisher, Los Angeles, Calif. Extinguishing alcohol fires. 2,011,946; Aug. 20.
- Moeller, Isak, New Glasgow, Nova Scotia, Canada. Bolt. 2,016,610; Oct. 8.
- Moeller, William, Kingston, Pa. Automatic traffic signal device. 1,997,943; Apr. 16.
- Moerbe, Eric W., Brenham, Tex. Automobile radiator sign or indicator. 1,992,876; Feb. 26.
- Moers, Kurt. (See Schröter, K., Agte, Moers, and Wolc.)

- Moers, Kurt, Charlottenburg, Germany, assignor to General Electric Company. Applying coatings on metals. 1,987,576; Jan. 8.
- Moers, Kurt, Berlin, Germany, assignor to General Electric Company. Apparatus for the thermic treatment of metal wires, filaments, bands, or the like. 1,987,577; Jan. 8.
- Moffatt, Robert J., Birmingham, Mich. Watch holder. 2,013,575; Sept. 3.
- Moffett, Archibald R., Richmond, Calif. Valve. 1,994,958; Mar. 19.
- Moffitt, George E. (See Meyer, F. C., and Moffitt.)
- Moffitt, Howard W., Findlay, Ohio. Bundle holder. 2,020,514; Nov. 12.
- Moffitt, Lucian Q., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Resilient shaft journal and bearing therefor. 2,004,506; June 11.
- Moffitt, Robert C. (See Flood, Leon B., assignor.)
- Mogford, Edmund C., and G. Spatta, assignors to Clark Equipment Company, Buchanan, Mich. Axle. 2,013,786; Sept. 10.
- Mognet, Peter P., and J. G. Dumbauld, Somerset, Pa. Fruit picker. 2,017,983; Oct. 22.
- Mohawk Carpet Mills, Inc. (See Kellogg, William D., assignor.)
- Mohawk Carpet Mills, Inc. (See Shuttleworth, Howard L., assignor.)
- Mohawk Carpet Mills, Inc. (See Shuttleworth, H. L., Underwood, and Howe, assignors.)
- Möhl, Steffen, Copenhagen, Denmark. Two-axle bogies for automobiles. 1,996,344; Apr. 2.
- Mohler, Ernest E., and N. F. Schaefer, assignors to Anderson Box Company, Indianapolis, Ind. Offset stickless chick box. 2,011,069; Aug. 13.
- Mohler, Francis, Schenectady, N. Y., assignor to General Electric Company. Control system. 1,989,523; Jan. 29.
- Mohler, Francis, Schenectady, N. Y., assignor to General Electric Company. Control system. 2,011,371; Aug. 13.
- Mohr, Karl, Kiel, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel-Gaarden, Germany. Safety device for reversible internal combustion and other engines. 2,022,006; Nov. 26.
- Mohr, Walter W., Chicago, Ill., assignor, by mesne assignments, to Crawford Valve & Manufacturing Company, East Chicago, Ind. Bearing mechanism for valve stems. 1,990,197; Feb. 5.
- Mohr, Walter W., Chicago, Ill., assignor, by mesne assignments, to Crawford Valve & Manufacturing Company, East Chicago, Ind. Bonnet construction for valves. 1,995,395; Mar. 26.
- Moiilanen, John L., Seattle, Wash. Hook securing attachment. 1,987,839; Jan. 15.
- Moir, Charles J., assignor to Flameking Company, Incorporated, New York, N. Y. Apparatus for burning solid carbonaceous fuel. 2,015,756; Oct. 1.
- Moir, Vincent J., Cleveland Heights, Ohio. Manicuring apparatus. 2,008,920; July 23.
- Moir, William A., New York, N. Y. Method of and apparatus for conditioning chocolate or the like. 2,004,009; June 4.
- Moir, William A., Sydney, New South Wales, Australia. Spring suspension for vehicles. 2,006,508; July 2.
- Moir, William A., St. Petersburg, Fla. Method of and apparatus for treating chocolate masses. 2,023,741; Dec. 10.
- Moise, Bolton C., Pittsburgh, Pa. Tube expanding mill. 2,005,155; June 18.
- Moise, Bolton C., Jr., Detroit, Mich. Indicator face. 2,023,934; Dec. 10.
- Moity, Henri, Paris, France. Breast-supporter. 2,015,151; Sept. 24.
- Mojoonnier, Albert B. (See Fagan, L. E., and Mojoonnier.)
- Mojoonnier Bros. Co. (See Fagan, L. E., and Mojoonnier, assignors.)
- Mojoonnier Bros. Co. (See Mojoonnier, Julius J., assignor.)
- Mojoonnier Bros. Co. (See Taylor, Carl R., assignor.)
- Mojoonnier Bros. Co. (See Zilles, C. C., and Radke, assignors.)
- Mojoonnier, Julius J., Oak Park, Ill., assignor to Mojoonnier Bros. Co. Wrapped frozen comestible. 1,992,712; Feb. 26.
- Molander, Alfred, St. Paul, Minn. Squeegee. 2,008,221; July 16.
- Molchan, Stephan J., and A. J. Schaeber, Jersey City, N. J. Combination permanent hair waving and curling apparatus. 1,988,953; Jan. 22.
- Moldaenke, Karl. (See Kränzlein, G., Ochwat, and Moldaenke.)
- Moldenbauer, Arnold, Milwaukee, Wis. Split rim and rim operating device. 2,009,810; July 30.
- Mole, Artist, Fresno, Calif., assignor to Mole Quartz Mill Mfg. Co., Portland, Oreg. Combined quartz mill and crusher. 1,997,531; Apr. 9.
- Mole Quartz Mill Mfg. Co. (See Mole, Artist, assignor.)
- Mole-Richardson, Inc. (See Coates, Fielding C., assignor.)
- Mole-Richardson, Inc. (See Richardson, Elmer C., assignor.)
- Moleski, Michael, Detroit, Mich. Hedge trimmer. 1,996,624; Apr. 2.
- Molicki, Severyn I., Denver, Colo. Aircraft. 2,018,734; Oct. 29.
- Molicki, Severyn I., Denver, Colo. Aircraft. 2,020,616; Nov. 12.
- Molin, Louis A., Chicago, Ill. Hydraulic press. 2,008,080; July 16.
- Molin, Tor G. W., Gottenborg, Sweden. Composition of matter for exterminating vermin. 1,999,524; Apr. 30.
- Molinare, Anthony W., Forest Park, Ill., assignor to Highway Trailer Company, Edgerton, Wis. Electrical contact for articulated vehicles. 2,001,393; May 14.
- Molinare, Anthony W., Forest Park, Ill., assignor to Highway Trailer Company, Edgerton, Wis. Body lock. 2,020,848; Nov. 12.
- Molinelli, Mario, Milan, Italy. Sluicing mechanism for portable cranes. 2,012,399; Aug. 27.
- Molinelli, Mario, Milan, Italy. Portable jib crane. 2,015,604; Sept. 24.
- Molins, Walter E., Deptford, London, England. Method and machine for making filter plugs or wads for cigarettes. 1,988,805; Jan. 22.
- Molins, Walter E., Deptford, London, England. Cigarette feeding mechanism. 1,997,532; Apr. 9.
- Molins, Walter E., Deptford, London, England. Apparatus for drying or conditioning cigarettes. 1,999,469; Apr. 30.
- Molins, Walter E., Deptford, London, England. Grinding of rotating eccentric knives. 2,022,569; Nov. 26.
- Moll, Edwin, Portland, Oreg. Double hung window sash and frame construction. 2,007,979; July 16.
- Moll, Friedrich. (See Wulff, C., Moll, and Breuers.)
- Moll, Oswin C., Oyster Bay, N. Y. Shoe shining apparatus. 1,989,106; Jan. 29.
- Mollath, Arthur, and H. O. Roosenstein, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Power factor meter for high-frequency measurements. 1,999,250; Apr. 30.
- Möller, Erich, Nuremberg, assignor to Siemens-Schuckertwerke, Aktiengesellschaft, Berlin-Siemensstadt, Germany. Headlight for vehicles. 2,006,839; July 2.
- Möller, Ernst. (See Hildebrand, F., and Möller.)
- Möller, Ernst, Karlshorst, assignor to Knorr-Bremse Aktiengesellschaft, Berlin, Germany. Pressure medium conduit. 2,002,329; May 21.
- Moller, Ernst, Karlshorst, and F. Hildebrand, Lichterfelde, assignors to Knorr-Bremse Aktiengesellschaft, Lichterberg, Berlin, Germany. Brake pipe vent valve device. 1,993,940; Mar. 12.
- Möller, Hans G., Bergedorf, near Hamburg, and R. Möller, Zehlendorf, near Berlin, assignors to the firm of Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Television apparatus. 1,993,564; Mar. 5.
- Möller, Hans G., Bergedorf, near Hamburg, and R. Möller, Zehlendorf, near Berlin, assignors to the firm of Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Braun tube. 1,993,565; Mar. 5.
- Möller, Karl. (See Gefcken, H., Richter, and Möller.)
- Moller, Kasper F., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for forming articles. 2,002,705; May 28.
- Möller, Paul. (Hagedorn, M. and Möller.)
- Möller, Rolf. (See Möller, Hans G., and R.)
- Möller, Waldemar. (See Wünsch, G., and Möller.)
- Möller, Waldemar, Klein-Machnow, near Berlin, Germany, assignor to Askania-Werke A. G. vormalis Central Werkstatt Dessau and Carl Bamberg-Friedenau. Controlling apparatus for aircraft. 1,986,761; Jan. 1.
- Möller, Waldemar, Klein-Machnow, near Berlin, assignor to Askania-Werke A. G. vormalis Central Werkstatt Dessau and Carl Bamberg-Friedenau. Compressed fluid operated apparatus. 2,011,453; Aug. 13.
- Möllney, Eugen, assignor to the firm Chemische Fabrik Buckau, Ammendorf, (Saalkreis), Germany. Production of chlorinated rubber. 2,020,076; Nov. 5.
- Möllney, Eugen, assignor to firm of Chemische Fabrik Buckau, Ammendorf, Germany. Production of chlorinated rubber. 2,025,017; Dec. 17.
- Molly, Hans, Friedrichshafen, Germany, assignor, by mesne assignments, to Chrysler Corporation, Detroit, Mich. Change speed gearing. 2,019,923; Nov. 5.
- Moloney, Raymond T. (See Breitenstein, Herbert G., assignor.)
- Moloney, Raymond T., Chicago, Ill. Amusement game. 1,997,067; Apr. 9.
- Molter, Frederick G., Hempstead, N. Y. Waterproof suit for firemen and others. 2,004,765; June 11.
- Molter, Frederick G., Hempstead, N. Y. Waterproof combination suit. 2,020,155; Nov. 5.
- Molynaux, Lee B. (See Coleman, C. E., and Molynaux.)
- Monad Corporation. (See Kitzman, George G., assignor.)
- Monad Corporation. (See Svensson, Henry, assignor.)
- Monarch Development Company. (See Hadsel, Alvah D., assignor.)
- Monarch Governor Company. (See Culp, Jay S., assignor.)
- Monarch Manufacturing Company. (See Papageorge, Theodore, assignor.)
- Monarch Manufacturing Works, Inc. (See Murphy, Thomas W., assignor.)
- Monarch Tool & Manufacturing Company, The. (See Hall, Louis M., assignor.)
- Moncrieff, Robert W. (See Dickie, W. A., and Moncrieff.)
- Moncrieff, Robert W. (See Dreyfus, H., Dickie, and Moncrieff.)
- Moncrieff, Robert W. (See Metcalfe, G., Menzer, and Moncrieff.)
- Moncrieff, Robert W., and E. L. Greenwood, Spondon, near Derby, England, assignors to Celanese Corporation of America. Drum winding apparatus for threads. 2,019,623; Nov. 5.

- Mondl, Adolph M., Oshkosh, Wis. Shoe. 2,011,230; Aug. 13.
- Mondragon, Hector E., Neuilly-sur-Seine, France. Explosion motor. 2,025,018; Dec. 17.
- Moness, Eugene. (See Christensen, W. G., Moness, and Harris.)
- Moness, Eugene, Far Rockaway, assignor to E. R. Squibb & Sons, New York, N. Y. Bactericidal preparation. 1,992,577; Feb. 26.
- Moneuse, Alphonse F., and L. A. Moneuse, deceased, New Rochelle, N. Y., A. F. Moneuse, administrator. Coffee or tea urn. 2,010,739; Aug. 6.
- Moneuse, Louise A. (See Moneuse, Alphonse F. and L. A.)
- Money, Benjamin F., Tulsa, Okla. Nut lock. 2,024,054; Dec. 10.
- Money, Roland H. (See Mittendorf, W. R., and Money.)
- Moneyenny, Charles H., Detroit, Mich. Pump. 2,003,666; June 4.
- Monfils, Philip P., Worcester, Mass. Oil burning steam boiler. 2,017,157; Oct. 15.
- Mong, Fern, Greenville, Ohio. Ice creeper. 2,002,706; May 28.
- Mongelli, Cesare and C., Brooklyn, N. Y. Radio time switch and automatic tuner. 1,990,342; Feb. 5.
- Mongelli, Charles. (See Mongelli, Cesare and C.)
- Mongon, William J. (See Gustin, D. S., and Mongon.)
- Monheim, Richard, Berlin-Weissenau, Germany. Machine for the delivery of tokens. 2,019,268; Oct. 29.
- Monitor Controller Company. (See Frese, Joseph F., assignor.)
- Monmouth Products Company. (See Smith, Charles C., assignor.)
- Monninger, Louis, et al. (See Keck, Paul H., assignor.)
- Mono Service Co. (See Taylor, Elmer Z., assignor.)
- Mono Service Co. (See Wootton, Harry, assignor.)
- Monocap Limited. (See De Faveri, S., and Cimatti, assignors.)
- Monomelt Company Incorporated, The. (See Olander, Leonard G., assignor.)
- Monowatt Electric Corporation, The. (See Benander, George B., assignor.)
- Monro, William L., assignor to American Window Glass Company, Pittsburgh, Pa. Annealing sheet glass. 2,002,544; May 28.
- Monroe Auto Equipment Company. (See McIntyre, Brouwer D., assignor.)
- Monroe Auto Equipment Company. (See Nickelsen, John M., assignor.)
- Monroe Calculating Machine Company. (See Chase, George C., assignor.)
- Monroe Calculating Machine Company. (See Gruchacz, Stanley A., assignor.)
- Monroe Calculating Machine Company. (See Overbury, Austin A., assignor.)
- Monroe, Kenneth C. (See West, D. H., and Monroe.)
- Monroe, Leo M., Cleveland Heights, Ohio. Oil filter. 2,006,405; July 2.
- Monroe, Mager G., assignor to Jantzen Knitting Mills, Portland, Oreg. Swimming suit. 2,023,694; Dec. 10.
- Monroe, Robert A., Mt. Lebanon, assignor to Aluminum Company of America, Pittsburgh, Pa. Vibration inhibitor. 1,995,620; Mar. 26.
- Monroe, Robert A., Mount Lebanon, and R. L. Templin, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Vibration damper. 1,992,533; Feb. 26.
- Monsanto Chemical Company. (See Akimoff, Nicholas P., assignor.)
- Monsanto Chemical Company. (See Carswell, Thomas S., assignor.)
- Monsanto Chemical Company. (See Carswell, T. S., and Faust, assignors.)
- Monsanto Chemical Company. (See Carswell, T. S., and Gump, assignors.)
- Monsanto Chemical Company. (See Conover, Courtney, assignor.)
- Monsanto Chemical Company. (See Conover, C., Smith, and Benz, assignors.)
- Monsanto Chemical Company. (See Comte, Frederick, assignor.)
- Monsanto Chemical Company. (See Dvornikoff, Michael N., assignor.)
- Monsanto Chemical Company. (See Kyrides, Lucas P., assignor.)
- Monsanto Chemical Company. (See Livingston, John W., assignor.)
- Monsanto Petroleum Chemicals, Inc. (See Thomas, Charles A., assignor.)
- Monsch, Henry D., Grantwood, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Working alumina. 1,989,242; Jan. 29.
- Monschein, Carl, assignor of one-fourth to G. Greiner and one-fourth to J. Reitner, Vienna, Austria. Retalling container for fruit and the like. 2,001,149; May 14.
- Monson, Edward L. (See Nelson, Lester W., assignor.)
- Monson, Harold H., Omaha, Nebr., assignor to American Smelting and Refining Company, New York, N. Y. Process for treating antimonial lead. 2,007,545; July 9.
- Montag, August W. O., Berlin-Kopenick, Germany. Device for stretching skins. 2,020,199; Nov. 5.
- Montague, Edward, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Removing fuse ferrules. 2,006,647; July 2.
- Montecatini Società Generale per l'Industria Mineraria ed Agricola. (See Fauser, Giacomo, assignor.)
- Montee, Jesse A., Travis, N. Y. Sinking foundation columns. 2,023,966; Dec. 10.
- Montee, Tracy D., Rizal Province, P. I. Refrigerator structure. 1,997,225; Apr. 9.
- Monteith, Alexander C., Wilkingsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,018,218; Oct. 22.
- Montelius, Carl O. J., assignor to Aktiebolaget Imaindustri, Stockholm, Sweden. Hydraulic driving means for vehicles having multiwheel drive. 1,987,698; Jan. 15.
- Montgomery, Donald H., Berlin, assignor to The New Britain-Gridley Machine Company, New Britain, Conn. Hydraulic apparatus. 2,004,793; June 11.
- Montgomery, Donald H., Berlin, assignor to The New Britain-Gridley Machine Company, New Britain, Conn. Collet. 2,012,826; Aug. 27.
- Montgomery, Francis E., assignor of forty-nine per cent to L. K. Well, Des Moines, Iowa. Wood working machine. 2,012,576; Aug. 27.
- Montgomery, Fred H., et al. (See Hartman, Frank E., assignor.)
- Montgomery, Fred H., Chicago, Ill. Device for treating cigarettes. 1,998,633; Apr. 23.
- Montgomery, H. A. (See Winter, John R., assignor.)
- Montgomery, Hiram W., Topanga, Calif. Insert for umbrellas. 2,001,623; May 14.
- Montgomery, Howard A. (See Sweeney, O. R., Vilbrandt, Beeson, and Montgomery.)
- Montgomery, John A. (See Friend, R. O., and Montgomery.)
- Montgomery, John A., Denver, Colo., and R. O. Friend, Chicago, Ill. Water treating apparatus. 2,021,919; Nov. 26.
- Montgomery, Montel. (See Farnsworth, W. H., and Montgomery.)
- Montgomery, Richard B. (See Jennison, H. C., and Montgomery.)
- Montgomery, W. Ray, et al. (See Hartman, Frank E., assignor.)
- Montgomery, Walter B. (See Hargrove, G. C., and Montgomery.)
- Montgomery Ward & Co. (See Knapp, Leland G., assignor.)
- Montgomery, William J., assignor to The Champion Coated Paper Company, Hamilton, Ohio. Apparatus for coating paper. 2,009,631; July 30.
- Montgomery, William J., assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Roll coating machine. 2,015,531; Sept. 24.
- Montgomery, William J., D. Austin, and C. D. Hopson, Sherman, Tex. Divider for flour mills. 2,025,397; Dec. 24.
- Monthan, Carl, assignor to Automatic Sprinklers Inc., Tucson, Ariz. Lawn sprinkler control. 1,992,877; Feb. 26.
- Montouri, Felix C., Washington, D. C. Dust collector for abrading tools. 2,006,108; June 25.
- Monty, Paul S. (See Schenck, J. F. Sr., and Monty.)
- Monzer, Arthur, Berlin-Pankow, Germany. Method for uniting steel and bronze intimately with one another, and an improved mold for carrying out this method. 1,998,516; Apr. 23.
- Moo, Gothard T., Cranston, assignor to Brown & Sharpe Mfg. Co., Providence, R. I. Metal working machine. 1,988,326; Jan. 15.
- Mood, George McF., Charleston, S. C. Water motor. 2,000,781; May 7.
- Moodie, John, Paia, Hawaii. Game apparatus. 2,008,588; July 16.
- Moody, Charles H., Alabama City, Ala. Slub catcher for beam warpers. 2,017,349; Oct. 15.
- Moody, Dwight L. (See Newby, N. D., and Moody.)
- Moody, Dwight L., Hempstead, N. Y., and N. D. Newby, Woodridge, N. J., assignors to American Telephone and Telegraph Company. Telephone system. 1,990,437; Feb. 5.
- Moody, Dwight L., Hempstead, N. Y., and N. D. Newby, Woodridge, N. J., assignors to American Telephone and Telegraph Company. Telephone system. 1,990,438; Feb. 5.
- Moody, Earl W., Los Angeles, Calif. Spray pump. 2,011,196; Aug. 13.
- Moody, Elton A., assignor to Moody & Schneider, New York, N. Y. Safety razor. 1,995,621; Mar. 26.
- Moody, Joseph E., Chicago, Ill. Road surfacing material. 2,017,632; Oct. 15.
- Moody, Joseph F., Tulsa, Okla. Oil well apparatus. 2,009,942; July 30.
- Moody, Lewis F., Princeton, N. J. Hydraulically reversible pump-turbine. 2,010,555; Aug. 6.
- Moody, Lewis F., Philadelphia, Pa. Refrigeration equipment. 2,011,646; Aug. 20.
- Moody, Maxey D. (See Hardison, C. J., assignor, and Betty.)
- Moody, Paul N. (See Erickson, H. L., and Moody.)
- Moody & Schneider. (See Moody, Elton A., assignor.)
- Moody, Virgilus W., Jackson Heights, assignor to Reynolds Research Corporation, New York, N. Y. Can opening and pouring device. 1,998,164; Apr. 10.
- Moody, Virgilus W., Brooklyn, assignor of two-thirds to Reynolds Metals Company, New York, N. Y., and one-third to Robertshaw Thermostat Company, Youngwood, Pa. Refrigerator and temperature control device. 2,001,105; May 14.

- Moog, Shulman A., St. Louis, and C. F. Pflanze, Webster Groves, Mo. Windshield heating apparatus. 2,020,370; Nov. 12.
- Moomaw, George D., assignor to Halcomb Steel Company, Syracuse, N. Y. Grinding and polishing machine. 2,009,452; July 30.
- Moon, Alva H. (See Ricketts, E. B., and Moon.)
- Moon, Charles R., assignor to Ontario Manufacturing Company, Muncie, Ind. Press for stamping blanks. 2,021,461; Nov. 19.
- Moone, Alfred E. F., assignor, by mesne assignments, to The Carpenter-Hiatt Sales Company, Chicago, Ill. Liner. 1,991,169; Feb. 12.
- Mooney, Brann A., San Antonio, Tex. Ventilator for toilet bowls. 2,009,054; July 23.
- Mooney, Francis X. (See Kuzell, C. R., Marston, and Mooney.)
- Mooney, James D., New York, N. Y. Apparatus designed to illustrate the laws of economics by physical analogies. 1,989,878; Feb. 5.
- Mooney, William A., assignor of one-half to W. K. Mooney, Richmond, Va. Doorcatch. 2,013,285; Sept. 3.
- Mooney, William K. (See Mooney, William A., assignor.)
- Moor, Wendell A., Long Beach, Calif., assignor to The Texas Company, New York, N. Y. Apparatus for testing vapor-lock. 2,026,137; Dec. 31.
- Moore, A. M., et al. (See Matteson, Edward C., assignor.)
- Moore, Albert H., Alliance, Ohio. Curtain stretcher. 1,995,396; Mar. 26.
- Moore, Arlington, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Charge forming and distributing manifold. 1,990,662; Feb. 12.
- Moore, Arlington, New York, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Pressure delivery of fuel in internal combustion engines. 2,000,091; May 7.
- Moore, Arlington, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Combustion chamber construction. 2,007,767; July 9.
- Moore, Arlington, assignor, by mesne assignments to Maxmoor Corporation, New York, N. Y. Preparation and distribution of fuel and air mixtures for internal combustion engines. 2,010,315; Aug. 6.
- Moore, Arlington, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Supplementary fuel supply apparatus for internal combustion engines. 2,023,817; Dec. 10.
- Moore Brothers Company. (See Dibble, Claude M., assignor.)
- Moore Brothers Company. (See Moore, L., and Holloway, assignors.)
- Moore, Bud J., Tulsa, Okla. Permanent wave spindle. 2,013,831; Sept. 10.
- Moore, Carl E. (See Lorig, E. T., and Moore.)
- Moore, Carl E., Gary, Ind., assignor to American Sheet and Tin Plate Company. Auxiliary for tension reeling devices. 1,986,776; Jan. 1.
- Moore, Carl E., Gary, Ind., assignor to American Sheet & Tin Plate Company. Shear. 2,025,418; Dec. 24.
- Moore, Charles C., San Francisco, Calif., assignor to Vacuodri Fruit Corporation. Drying fruit. 2,023,536; Dec. 10.
- Moore, Charles H., Coatesville, assignor to Lenape Hydraulic Pressing & Forging Co., Lenape, Pa. Manhole frame cover. 1,988,360; Jan. 15.
- Moore, Charles W., Warrington, Lancaster, and H. Balantyne, Tadworth, Surrey, assignors to Lever Brothers Limited, Port Sunlight, England. Manufacture of soap powders. 2,004,670; June 11.
- Moore, Chester M., Wakefield, Mass. Shoe shank stiffener. 2,002,707; May 28.
- Moore, Clyde E. (See Keen, C. R., and Moore.)
- Moore Company, The. (See Wunderlich, William E., assignor.)
- Moore Corporation, The. (See Moore, Lewis, assignor.)
- Moore, Daniel M., East Orange, N. J. Piano chord player. 2,003,384; June 4.
- Moore, David P., Avon Park, Fla. Metallic bird box or house. 1,987,347; Jan. 8.
- Moore, David P., Avon Park, Fla. Making knitted pile fabrics. 1,994,482; Mar. 19.
- Moore, David P., Avon Park, Fla. Spring needle pile fabric knitting machine. 2,017,073; Oct. 15.
- Moore, David P., Avon Park, Fla., assignor to M. A. Schlesinger, New York, N. Y. Photoelectric cell. 1,997,973; Apr. 16.
- Moore, David P., New York, N. Y. Alloy. 2,026,243; Dec. 31.
- Moore Drop Forging Company. (See Morris, Albert W., assignor.)
- Moore, E. R., Company. (See Swanson, Alex E., assignor.)
- Moore, Earl E., Chicago, Ill. Magnetic piling and un-piling apparatus. 2,015,809; Oct. 1.
- Moore, Emmett H., Aspinwall, and F. C. Eiser, Pittsburgh, Pa. Water-tight receptacle for bathes. 2,006,773; July 2.
- Moore Enameling and Manufacturing Company, The. (See Moore, W. B., and Wahl, assignors.)
- Moore, Frank L., Chatham, N. J. Delay switch. 1,989,524; Jan. 29.
- Moore, Frank R., Upper Darby, assignor, by mesne assignments, to Harvey C. Bridgers, Blue Ridge Summit, Pa. Electric switch. 2,008,463; July 16.
- Moore, Frank S. (See Smitley, L. E., and Moore.)
- Moore, Fred E., Alhambra, Calif. Chair bed. 2,000,471; May 7.
- Moore, Fred E., Los Angeles, Calif. Chair bed. 2,017,321; Oct. 15.
- Moore, Frederick G., Edison, Alberta, Canada. Turbine engine. 1,987,699; Jan. 15.
- Moore, Garnett V. (See Britton, E. C., Coleman, and Moore.)
- Moore, Garnett V. (See Coleman, G. H., and Moore.)
- Moore, George C., Company. (See Moore, Thomas F., assignor.)
- Moore, George F., Tampa, Fla., assignor to U. S. Phosphoric Products Corporation, New York, N. Y. Producing phosphoric acid and derivatives of the same. 2,013,970; Sept. 10.
- Moore, George W. (See Heath, H. E., and Moore.)
- Moore, Harold A. (See Geer, P. L., Moore, and Morton.)
- Moore, Harold A. (See Henneberger, Otto, assignor.)
- Moore, Harold A., Wilkinsburg, and C. A. Nielsen, assignors, by mesne assignments, to Amco, Incorporated, Pittsburgh, Pa. Ware handling and transfer mechanism. 1,990,745; Feb. 12.
- Moore, Harold G. (See McNairy, J. W., and Moore.)
- Moore, Harrington, Medford, Mass. Making square-head screws. 2,024,593; Dec. 17.
- Moore, Harry G., Los Angeles, assignor of one-half to E. L. Gonyer, Beverly Hills, Calif. Sediment separating and gas locking stopple. 2,021,635; Nov. 19.
- Moore, Harry J., and D. F. Pearson, Pittsburgh, assignor of one-third to W. Freyvogel, Pittsburgh, Pa. Jacking unit for automobiles. 2,023,336; Dec. 3.
- Moore, Hugh K., assignor to Brown Company, Berlin, N. H. Multiple effect evaporator. 2,020,038; Nov. 5.
- Moore Inventions Corporation. (See Moore, Arlington, assignor.)
- Moore, J. W., Valve Corporation. (See Moore, R. H., and Allen, assignors.)
- Moore, James C., Corvallis, assignor to Southern Oregon Sales, Inc., Medford, Oreg. Maturity tester. 1,987,244; Jan. 8.
- Moore, James D. (See Campbell, James H., assignor.)
- Moore, John, Brookline, assignor to Richard C. Remmey Son Co., Philadelphia, Pa. Protected grate. 1,991,815; Feb. 19.
- Moore, John, Latrobe, Pa. Toilet seat cover. 1,994,285; Mar. 12.
- Moore, John B., Riverhead, N. Y., assignor to Radio Corporation of America. Antenna selector. 2,004,126; June 11.
- Moore, John B., Riverhead, N. Y., assignor to Radio Corporation of America. Secret signaling. 2,006,961; July 2.
- Moore, John M., New York, N. Y. Day and night illuminated plate for signs. 2,003,089; May 28.
- Moore, Joseph W., Bristol, Va. Steam wrapping sealer. 2,000,782; May 7.
- Moore, Lee C., & Company. (See Henry, Charles L., assignor.)
- Moore, Lewis, assignor to The Moore Corporation, Joliet, Ill. Broiler drawer. 1,998,517; Apr. 28.
- Moore, Lewis, and I. S. Holloway, assignors to Moore Brothers Company, Joliet, Ill. Stove construction. 1,991,513; Feb. 19.
- Moore, Lou G., assignor to The Moore Seal Co. Inc. Pueblo, Colo. Seal. 2,003,755; June 4.
- Moore, Marion R., Atlanta, assignor of one-third to C. L. Emerson, Fulton County, and one-third to B. M. Blackburn, Newnan, Ga. Automatic low temperature ice system. 2,009,372; July 23.
- Moore, Marion R., Atlanta, Ga., assignor of one-third to C. L. Emerson and one-third to B. M. Blackburn, Coweta County, Ga. Refrigeration system. 2,009,373; July 23.
- Moore, Marion R., Atlanta, assignor of one-third to C. L. Emerson, Atlanta, and one-third to Bryan M. Blackburn, Newnan, Ga. Refrigeration system. 2,011,296; Aug. 13.
- Moore, Mary E., Avon Park, Fla. Lawn sprinkler. 1,989,525; Jan. 29.
- Moore, Mary L., administratrix. (See Moore, Milton H.)
- Moore, Matthew S., Malvern, assignor of one-half to The Mining Engineering Company, Limited, Meco Works, Worcester, England. Haulage gear for mining machines. 2,005,523; June 18.
- Moore, Matthew S., Malvern, assignor of one-half to The Mining Engineering Company Limited, Worcester, England. Loading machine. 2,005,524; June 18.
- Moore, Merle M., R. R. Thorburn, and W. B. Wilson, El Segundo, assignors, by mesne assignments, to Contact Filtration Company, San Francisco, Calif. Clarifying and improving the color of hydrocarbon oils. 1,989,330; Jan. 29.
- Moore, Milton H., deceased, Hartford, Conn., by M. L. Moore, administratrix, Hartford, Conn., assignor to Multisemler Corporation, New York, N. Y. Inserting machine. 2,022,475; Nov. 26.
- Moore, Montague, Burnaby, British Columbia, Canada. Postage meter. 2,024,944; Dec. 17.
- Moore, Ninian R., DuBois, Pa. Grave covering apparatus. 2,017,277; Oct. 22.
- Moore, Perry M., Bloomfield, N. J. Masonry weather-proofing composition. 2,022,547; Nov. 26.
- Moore, Raleigh C., McKinney, Tex. Double acting churn. 2,021,261; Nov. 19.

- Moore, Ralph E., assignor to Alfred S. Black, trustee for Oil Well Recovery Corporation, Hattiesburg, Miss. Fishing tool. 2,016,683; Oct. 8.
- Moore, Ralph W. E., assignor to National Electric Products Corporation, Pittsburgh, Pa. Electrical cut-out. 1,990,953; Feb. 12.
- Moore, Raymond G., assignor to The Bassick Company, Bridgeport, Conn. Hood catch. 1,995,774; Mar. 26.
- Moore, Raymond G., assignor to The Bassick Company, Bridgeport, Conn. Hood catch. 1,995,775; Mar. 26.
- Moore, Raymond G., assignor to The Bassick Company, Bridgeport, Conn. Hood catch. 1,995,776; Apr. 23.
- Moore, Raymond G., Bridgeport, assignor to The Bassick Company, Bridgeport, Conn. Hood catch. 2,000,245; May 7.
- Moore, Raymond G., assignor to The Bassick Company, Bridgeport, Conn. Hood catch. 2,016,508; Oct. 8.
- Moore, Richard C., assignor to The Coe Manufacturing Company, Painesville, Ohio. Wet saw. 1,987,409; Jan. 8.
- Moore, Richard C., assignor to The Coe Manufacturing Company, Painesville, Ohio. Air seal for driers. 1,987,410; Jan. 8.
- Moore, Richard C., assignor to The Coe Manufacturing Company, Painesville, Ohio. Condensate removing device. 2,020,563; Nov. 12.
- Moore, Richard S., Snyder, Tex. Oil heating unit. 1,987,487; Jan. 8.
- Moore, Robert H., and R. B. Allen, Lexington, assignors to J. W. Moore Valve Corporation, Everett, Mass. Fusible safety device. 2,001,686; May 14.
- Moore, Robert L. (See Spear, E. B., and Moore.)
- Moore, Robert P., Omaha, Nebr. Motor vehicle pedal. 2,024,055; Dec. 10.
- Moore, Robert S., Silver Spring, Md., assignor to General Airmotors Company, Scranton, Pa. Hooded cylinder head for gas engines. 2,000,248; May 7.
- Moore, Robert S., Silver Spring, Md., Internal combustion engine. 2,021,262; Nov. 19.
- Moore, Robson S. (See Dixon, H. W. A., and Moore.)
- Moore, Roscoe, Kingston, Pa. Shaker conveyor. 1,997,495; Apr. 9.
- Moore, Samuel, Hoylake, England. Distillation of fragmentary materials. 2,017,442; Oct. 15.
- Moore, Samuel, assignor of thirty-three and one-third per cent to R. Price and thirty-three and one-third per cent to W. Plerson, Cleveland, Ohio. Fuel-valve lock for motor vehicles. 2,006,027; June 25.
- Moore Seal Co., The. (See Moore, Lou Q., assignor.)
- Moore, Stewart L., assignor to Locke Insulator Corporation, Baltimore, Md. Strain clamp. 1,994,003; Mar. 12.
- Moore, Sydney H., Toronto, Ontario, Canada. Sectional type case. 2,007,281; July 9.
- Moore, Thomas F., assignor to George C. Moore Company, Westerly, R. I. Elastic fabric. 1,990,836; Feb. 12.
- Moore, Wallace F., assignor to The American Hardware Corporation, New Britain, Conn. Thermostatically controlled door closer. 1,993,222; Mar. 5.
- Moore, Wallace F., assignor to The American Hardware Corporation, New Britain, Conn. Door controlling system and apparatus. 1,993,223; Mar. 5.
- Moore, Wallace F., assignor to The American Hardware Corporation, New Britain, Conn. Door controlling device. 1,993,224; Mar. 5.
- Moore, Wallace F., assignor to The American Hardware Corporation, New Britain, Conn. Doorcheck. 1,996,117; Apr. 2.
- Moore, Wallace F., assignor to The American Hardware Corporation, New Britain, Conn. Door holder. 2,013,418; Sept. 3.
- Moore, Walter B., and J. K. Wahl, assignors to The Moore Enameling and Manufacturing Company, West Lafayette, Ohio. Percolator top. 2,022,320; Nov. 26.
- Moore, Wesley W., Joinerville, Tex. Self-lubricating rod line guide. 2,017,322; Oct. 15.
- Moore, Wiley T., Wright Field, Ohio. Disintegrating cartridge belt. 2,022,685; Dec. 3.
- Moore, Wilfred E., Cleveland, Ohio. Overload cut out for stoker motors. 2,022,007; Nov. 26.
- Moore, William, Chappagua, assignor to American Cyanamid Company, New York, N. Y. Insecticide composition. 2,005,797; June 25.
- Moore, William A. (See Bush, D. C., and Moore.)
- Moore, William A., Laketa, Iowa. Power generating apparatus. 2,020,200; Nov. 5.
- Moore, William C., and A. E. Nolan, Portland, Ore. Electric drive for vehicles. 1,997,974; Apr. 16.
- Moore, William E., assignor to Pittsburgh Research Corporation, Pittsburgh, Pa. Heat treating method and apparatus. 1,990,707; Feb. 12.
- Moore, William E., assignor to Pittsburgh Research Corporation, Pittsburgh, Pa. Electric furnace. 2,006,685; July 2.
- Moore, William F., Plainfield, N. J. Display apparatus. 2,019,501; Nov. 5.
- Moore, William M., Maywood, Ill. Garment bag. 2,001,624; May 14.
- Moore, William P., Whittenton, Tex., assignor to Phillips Petroleum Company, Bartlesville, Okla. Weight recording instrument or dynamometer. 1,995,996; Mar. 26.
- Moorhead, Albert E., San Francisco, assignor to Moorhead Development Co., Inc., Oakland, Calif. Floor polisher. 2,014,626; Sept. 17.
- Moorhead, Albert E., San Francisco, assignor to Moorhead Development Co., Inc., Oakland, Calif. Flexible buffer. 2,014,627; Sept. 17.
- Moorhead Development Co. (See Moorhead, Albert E., assignor.)
- Moorhead, John. (See Marshall, B. D., Dean, and Moorhead.)
- Moorhouse, Alfred, Detroit, Mich. Transmission mechanism. 2,000,605; May 7.
- Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,993,015; Mar. 5.
- Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,005,103; June 18.
- Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,014,626; Sept. 17.
- Moorhouse, Alfred, Detroit, assignor to Packard Motor Car Company, Detroit, Mich. Clutch mechanism. 2,017,915; Oct. 22.
- Moorhouse, Henry L., assignor to Brockton Last Company, Brockton, Mass. Last. 2,005,324; June 18.
- Moorman, Charles L., Chicago, Ill. Refrigerator. 2,002,643; May 28.
- Moorman, Edgar V., assignor to Moorman Manufacturing Company, Chicago, Ill. Nutritional iodine. 1,992,673; Feb. 26.
- Moorman Manufacturing Company. (See Moorman, Edgar V., assignor.)
- Moormann, Frank C., Richmond, Ind. Bottle container. 2,021,488; Nov. 19.
- Moos, Gottlieb L., Eastwood, near Sydney, Australia. Submarine diving valve. 1,990,130; Feb. 5.
- Moose, Joe E., and J. E. Malowan, Anniston, Ala., assignors to Swann Research Incorporated. Dielectric composition. 2,010,495; Aug. 6.
- Mooter, Lewis A., Stillwater, Okla. Electric magazine wrench. 2,011,070; Aug. 13.
- Mootz, Frank J., assignor to P. C. Reilly, Indianapolis, Ind. Manufacture of carbon disulphide. 1,992,832; Feb. 26.
- Mopin, Eugène G. P., Paris, France. Flooring or like aggregate and unit for construction of the same. 1,999,819; Apr. 30.
- Mopin, Eugène G. P., Paris, France. Construction of buildings and the like. 2,014,087; Sept. 10.
- Mora, Pietro, assignor of one-half to S. C. Ponzio, West Haven, Conn. Device for applying bottle closures, etc. 1,990,301; Feb. 5.
- Morack, Marvin M., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,008,512; July 16.
- Moran, Archibald A., Mendham, N. J. Rotary pump. 2,002,862; May 28.
- Moran, Daniel E., Mendham, N. J. Sinking cellular piers and the like. 2,021,014; Nov. 12.
- Moran, Joseph F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Flash light. 1,988,853; Jan. 22.
- Moran, Joseph F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Can opener and spout. 1,988,854; Jan. 22.
- Moran, Matthew F., Kansas City, Mo. Filter. 2,002,826; May 28.
- Moran, Thomas J., Chicago, Ill. Ice cream container attachment. 1,988,044; Jan. 15.
- Moran, William G., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Electron discharge device and improved anode therefor. 2,013,419; Sept. 3.
- Moran, William J., New York, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rug-edge-finishing seam and making same. 1,998,022; Apr. 16.
- Morandini, Dyonis M., and P. S. Wright, Los Angeles, Calif. Light sensitive tube. 1,988,505; Jan. 22.
- Moranville, Herman J., assignor to Johnson-Stephens & Shinkle Shoe Company, St. Louis, Mo. Needle guard. 1,999,251; Apr. 30.
- Moravec, Joseph J., Washougal, Wash. Flat screen frame. 2,004,507; June 11.
- Moravec, Richard. (See Engs, W., and Moravec.)
- Moravec, Richard Z., and W. Engs, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Manufacture of tertiary alcohols. 2,019,762; Nov. 5.
- Moray, Virgil W., New York, N. Y. Mechanical movement device for ovens and the like. 1,994,227; Mar. 12.
- Moray, Virgil, New York, N. Y. Water heating system. 2,002,545; May 28.
- Morch, Jacob J., Port Credit, Ontario, Canada. Rotary compressor. 2,002,827; May 28.
- Morche, Alfred, Wyandotte, Mich. Air pistol. 1,990,302; Feb. 5.
- Mordt, Erik J., Chicago, Ill., assignor to The A. C. Gilbert Company, New Haven, Conn. Combined tool chest and workbench. 2,011,197; Aug. 13.
- More, Glenn, assignor to Blackstone Manufacturing Company, Jamestown, N. Y. Gear casing. 1,997,068; Apr. 9.
- More, Glenn, and G. A. Oberg, assignors to Blackstone Manufacturing Company, Jamestown, N. Y. Pump. 1,997,069; Apr. 9.
- Moreau, Charles A. (See Eches, P. G., and Moreau.)
- Moreau, Gaston A. E., Boulogne-sur-Seine, France. Device for the transportation of goods. 1,994,399; Mar. 12.

- Morehead, French H., Brookline, assignor to Walworth Patents Inc., Boston, Mass. Valve. 2,009,093; July 23.
- Morehead, French H., Brookline, assignor to Walworth Patents, Inc., Boston, Mass. Plug valve. 2,014,481; Sept. 17.
- Morehead, French H., Hempfield Township, Westmoreland County, Pa., assignor to Walworth Patents Inc., Boston, Mass. Lubricated valve. 2,024,945; Dec. 17.
- Morehead, French H., Brookline, Mass., and J. C. Martin, Jr., Los Angeles, Calif., assignors to Walworth Patents, Inc., Boston, Mass. Valve and valve operating mechanism. 2,025,244; Dec. 24.
- Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Clasp. 2,004,336; June 11.
- Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Clasp. 2,019,691; Nov. 5.
- Morehouse, Terry B., West Hempstead, Long Island, assignor of one-third to F. S. Mistryer, Lynbrook, N. Y. Motor control. 2,010,526; Aug. 6.
- Moreira, Salvador, Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Welding machine. 1,986,740; Jan. 1.
- Morrell, Peter L., Kenmore, N. Y. Safe box for motor vehicles. 2,010,877; Aug. 13.
- Morelli, Eugenio, Rome, Italy. Sliding flexible blind for a veranda. 1,987,488; Jan. 8.
- Moren, John H., assignor to Patton Clay Manufacturing Co., Patton, Pa. Extension ring for clay presses. 2,025,419; Dec. 24.
- Morency, Henry L., Boulder, Colo. Milking device. 2,002,920; May 28.
- Moreno, Gabriel G., Los Angeles, Calif., assignor to C M C Corporation, New York, N. Y. Reflector for cinematographic purposes. 2,015,722; Oct. 1.
- Moreno, Gabriel G., Los Angeles, Calif., assignor to C M C Corporation, New York, N. Y. Preparing films for reproduction in colors. 2,020,564; Nov. 12.
- Moreton, Henry H. (See Painter, R. K., Moreton and Hill.)
- Morey, Edwin, Nashua, N. H., assignor to F. L. Emery, Boston, Mass., Grace H. Emery, executrix of said F. L. Emery, deceased. Container folding mechanism. 2,011,198; Aug. 13.
- Morey, Edwin, and R. H. Stimpson, Nashua, N. H., assignors, by mesne assignments, to F. L. Emery, Boston, Mass., Grace H. Emery, executrix. Packaging machine. 1,989,492; Jan. 29.
- Morey, James J., Chicago, Ill., assignor to L. L. Morey, Portland, Ore. Optical system for photographic sound apparatus. 2,006,217; June 25.
- Morey, Lennie L. (See Morey, James J., assignor.)
- Morey, Leonard, New Rochelle, N. Y. Radioreceiver control. 2,019,316; Oct. 29.
- Morey, Walter W., Wilmette, assignor by mesne assignments to Teletypesetter Corporation, Chicago, Ill. Typographical slug. 2,003,693; June 4.
- Morey, Walter W., Wilmette, assignor, by mesne assignments, to Teletypesetter Corporation, Chicago, Ill. Scale mechanism. 2,021,151; Nov. 19.
- Morey, William J., et al. (See Keogh, Raymond J., assignor.)
- Morgan, Archibald J., assignor to J. A. Roebblings Sons Company, Trenton, N. J. Wire rope making machine. 1,990,082; Feb. 5.
- Morgan, Arthur, administrator. (See Kurtze, Reimar C. F., assignor.)
- Morgan, Blodgett, Morgan, Inc. (See Strauss, John N., assignor.)
- Morgan, Boyd W., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,020,653; Nov. 12.
- Morgan, Claude A. (See Michael, C. D., Morgan, and Redrup.)
- Morgan Construction Company. (See Dahlstrom, Frank P., assignor.)
- Morgan Construction Company. (See Morgan, Myles, assignor.)
- Morgan, David H., assignor to Truscon Steel Company, Youngstown, Ohio. Door structure. 2,017,012; Oct. 8.
- Morgan, Edmund C., deceased, late of New York, N. Y., by O. E. Morgan, New York, N. Y., executrix, assignor to American Morgan Company. Material handling system for mines. 2,003,007; May 28.
- Morgan, Everette K., assignor to The Ingersoll Milling Machine Co., Rockford, Ill. Method of and hydraulic press for inserting bushings. 1,987,862; Jan. 15.
- Morgan, Everette K., assignor to The Ingersoll Milling Machine Co., Rockford, Ill. Machine tool. 2,017,865; Oct. 22.
- Morgan, Francis, Inglewood, near Perth, Western Australia, assignor to M. J. Kerr, Claremont, Western Australia, Australia. Advertising device. 1,993,678; Mar. 5.
- Morgan, George A., assignor to Sanford Mills, Sanford, Maine. Warp pile fabric and making same. 2,015,810; Oct. 1.
- Morgan, John C., Los Angeles, Calif. Attachment for screw drivers. 1,990,244; Feb. 5.
- Morgan, John D., South Orange, N. J., assignor to Doherty Research Company, New York, N. Y. Exhaust gas analyzer. 2,006,205; June 25.
- Morgan, John D., South Orange, N. J., assignor to Doherty Research Company, New York, N. Y. Glazed electric range heating unit and glaze therefor. 2,007,111; July 2.
- Morgan, John D., South Orange, N. J., assignor to Doherty Research Company, New York, N. Y. Electric range heating unit. 2,010,768; Aug. 6.
- Morgan, John D., South Orange, N. J., and P. B. Levitt, Jackson Heights, assignors to Doherty Research Company, New York, N. Y. Gas engine leakage tester. 2,003,949; June 4.
- Morgan, John D., South Orange, and P. B. Levitt, Jackson Heights, assignors to Doherty Research Company, New York, N. Y. Coil spring tester. 2,018,219; Oct. 22.
- Morgan, John S., Jr. (See Rice, A. E., and Morgan.)
- Morgan, John S., Jr., Inglewood, Calif., assignor, by mesne assignments, to The National Superior Company, Toledo, Ohio. Weight indicating rotary swivel. 1,993,796; Mar. 12.
- Morgan, Lennie G. W., Bonham, Tex. Key blank holding cabinet. 1,990,131; Feb. 5.
- Morgan, Mathew B., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Sealing device and assembly for rotating shafts. 2,023,338; Dec. 3.
- Morgan, Myles, assignor to Morgan Construction Company, Worcester, Mass. Operating mechanism for metal cutting shears. 1,989,331; Jan. 29.
- Morgan, Neil L., Mount Royal, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Multiple conductor sector electric cable. 2,018,461; Oct. 22.
- Morgan, Olive E., Executrix. (See Morgan, Edmund C.)
- Morgan, Porter S., New York, assignor to Liberty Share Corporation, Buffalo, N. Y. Dispensing apparatus. 1,992,500; Feb. 26.
- Morgan, Porter S., New York, assignor to Liberty Share Corporation, Buffalo, N. Y. Verner for meter registering mechanism. 2,005,949; June 25.
- Morgan, Porter S., Norwalk, Conn., assignor, by mesne assignments, to Liberty Share Corporation, Buffalo, N. Y. Fluid meter. 2,010,876; Aug. 13.
- Morgan, Porter S., Norwalk, Conn., assignor, by mesne assignments, to Liberty Share Corporation, Buffalo, N. Y. Liquid flow indicator. 2,014,691; Sept. 17.
- Morgan, Porter S., New York, assignor to Liberty Share Corporation, Buffalo, N. Y. Pump fitting. 2,017,350; Oct. 15.
- Morgan, Porter S., New York, assignor of one-tenth to A. R. Henry, Buffalo, N. Y. Differential gearing and power transmission. 2,022,141; Nov. 26.
- Morgan, Russell. (See Crossdale, E. T., and Morgan.)
- Morgan, Samuel, Flint, assignor to General Motors Corporation, Detroit, Mich. Crankshaft twisting machine. 1,991,567; Feb. 19.
- Morgan, Swiney, O'Fallon, Ill. Gas burner. 2,026,054; Dec. 31.
- Morgan, Willard D., New York, N. Y., assignor to E. Leitz Inc. Focusing copy attachment. 1,996,481; Apr. 2.
- Morgan, William, Clifton, Bristol, England. Rotary pump, compressor, motor, and the like. 1,999,339; Apr. 30.
- Morgan & Wright. (See Abbott, Adrian O., assignor.)
- Morgan & Wright. (See Allan, James E., assignor.)
- Morgan & Wright. (See Tuley, William F., assignor.)
- Morgans, Godfrey E., London, England. Swimming bath. 2,004,825; June 11.
- Morgenstern, George H., Detroit, Mich. Exhauster for internal combustion engines. 1,990,837; Feb. 12.
- Morgenstern, Max, Vienna, Austria. Umbrella. 2,024,946; Dec. 17.
- Moriarty, Benedict E., Kenosha, Wis. Curtain rod. 2,021,634; Nov. 19.
- Moriarty, Charles D. (See Sans, J. A., and Moriarty.)
- Moriarty, George A., assignor of one-third to J. F. Dray, New Haven, and one-third to G. T. Cooke, Norwalk, Conn. Foot protector. 2,017,670; Oct. 15.
- Morick, Joseph A., Kenilworth, and K. P. Swanson, Irvington, assignors to Eisler Electric Corporation, Newark, N. J. Basing machine. 1,997,694; Apr. 16.
- Morin, Louis H., assignor to American Flexible Shaft Manufacturing Corporation, New York, N. Y. Machine for producing flexible shafting. 2,006,174; June 25.
- Morin, Louis H., Bronx, assignor to Pack-Morin, Inc., New York, N. Y. Coin controlled mechanism. 2,015,351; Sept. 24.
- Morin, Louis H., and D. Marinsky, assignors to Whitehall Patents Corporation, New York, N. Y. Manufacturing fastener stringers. 2,004,959; June 18.
- Morins, Léon J. F., Lyon, France. Hair net. 2,022,922; Dec. 3.
- Morinville, Ida N., Outremont, Quebec, Canada. Clothes hanger. 2,014,340; Sept. 10.
- Morioka, Isao, Meguro-Ku, Tokyo, Japan. Manufacturing a relief by the aid of photography. 2,015,457; Sept. 24.
- Morishita, Buichi, Los Angeles, Calif. Bed accessory support. 2,015,280; Sept. 24.
- Morison, George S., assignor to Morison Incorporated, Pittsburgh, Pa. Automatic two-way brake for hoists. 1,993,744; Mar. 12.
- Morison Incorporated. (See Morison, George S., assignor.)
- Morison, James H. S., Cumberland Gap, Tenn. Greenhouse. 2,024,056; Dec. 10.
- Moritz, Adrian J. L., assignor to American Enka Corporation, Enka, N. C. Manufacture of artificial silk. 1,987,942; Jan. 15.
- Moritz, Adrian J. L., assignor to American Enka Corporation, Enka, N. C. Manufacture of artificial silk. 2,001,742; May 21.

- Moritz, Adrianus J. L., assignor to American Enka Corporation, Enka, N. C. Spinning process and apparatus. 2,018,565; Oct. 22.
- Moritz-Bennett Corporation. (See Porter, Kenneth W., assignor.)
- Moritz, Burt E., Jr., assignor to K. G. M. Radio Corporation, Denver, Colo. Centralized radio system. 2,006,077; June 25.
- Mork, Paul J., Winger, Minn. Drag for weeding potato plants. 1,992,387; Feb. 26.
- Morkovski, James, Canton, Ill., assignor to International Harvester Company. Lift mechanism for tractor drawn implement. 2,005,555; June 18.
- Morland & Impey Limited. (See Power, Richard F., assignor.)
- Morland & Impey Limited. (See Rendall, Arthur G., assignor.)
- Morland & Impey Limited. (See Shewell, W., and Cherry, assignors.)
- Morley, Cecil C., Salisbury, England. Power transmission mechanism. 1,999,340; Apr. 30.
- Morley, Henry V., et al. (See Evans, William A., assignor.)
- Morlock, Edward K., Collingswood, N. J. Dispenser. 2,009,743; July 30.
- Morlock, William J., Collingswood, N. J., assignor to Radio Corporation of America, New York, N. Y. Cathode ray apparatus. 2,007,380; July 9.
- Moroney, Carl J., San Mateo, and W. O. Witherspoon, Burlingame, Calif. Apparatus for proportioning ingredients. 2,005,950; June 25.
- Morral, Samuel E., assignor of one-half to William W. Morral, Morral, Ohio. Labeling machine. 1,995,073; Mar. 19.
- Morral, Samuel E. and W. W. Morral, Ohio. Butt removing device for green corn. 1,995,074; Mar. 19.
- Morral, William W. (See Morral, Samuel E., assignor.)
- Morrall, James I., assignor to Quartermatic Photos, Inc., Rochester, N. Y. Enlarging cameras. 2,014,285; Sept. 10.
- Morrell, Alfred B., Bayside, N. Y. Automobile license plate. 1,992,578; Feb. 26.
- Morrell, George, Corporation. (See Morrell, George, assignor.)
- Morrell, George, Muskegon, Mich., assignor to George Morrell Corporation, Muskegon Heights, Mich. Making casein buttons. 2,022,895; Dec. 3.
- Morrell, Jacques C. (See Egloff, G., and Morrell.)
- Morrell, Jacques C., Oak Park, Ill. Nonstructural adsorptive carbon and making same. 1,989,107; Jan. 29.
- Morrell, Jacques C., Oak Park, Ill. Producing nonstructural activated carbon. 1,989,108; Jan. 29.
- Morrell, Jacques C., Oak Park, Ill. Structural adsorptive carbon and making the same. 2,008,144; July 16.
- Morrell, Jacques C., Oak Park, Ill. Adsorptive carbon and making the same. 2,008,145; July 16.
- Morrell, Jacques C., Oak Park, Ill. Structural activated carbon and making same. 2,008,146; July 16.
- Morrell, Jacques C., Oak Park, Ill. Manufacture of compressed carbonaceous materials and activated carbon. 2,008,147; July 16.
- Morrell, Jacques C., Oak Park, Ill. Structural activated carbon and making same. 2,008,148; July 16.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils and coal. 1,986,593; Jan. 1.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Refining hydrocarbon oil. 1,988,083; Jan. 15.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Refining of hydrocarbon oils. 1,988,084; Jan. 15.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,990,303; Feb. 5.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 1,993,520; Mar. 5.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,002,747; May 28.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Producing asphalt. 2,004,210; June 11.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 2,009,118; July 23.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,009,898; July 30.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,010,369; Aug. 6.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,010,370; Aug. 6.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,016,339; Oct. 8.
- Morrell, Jacques C., and C. G. Dryer, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 1,993,941; Mar. 12.
- Morrell, Jacques C., and C. H. Angell, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,995,005; Mar. 19.
- Morrell, Jacques C., and G. Egloff, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,000,410; May 7.
- Morrell, Jacques C., and G. Egloff, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,000,411; May 7.
- Morrell, Jacques C., and G. Egloff, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,000,412; May 7.
- Morrell, Jacques C., and C. G. Dryer, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 2,010,029; Aug. 6.
- Morrell, Jacques C., and G. Egloff, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,021,739; Nov. 19.
- Morrell, John G. (See Cramer, R. H., and Morrell.)
- Morrells, Emanuel, assignor to Michaels, Stern & Co., Rochester, N. Y. Garment attachment. 2,017,984; Oct. 22.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stopping mechanism for sewing machines. 1,990,796; Feb. 12.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in the manufacture of shoes. 2,003,512; June 4.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon shoes. 2,005,104; June 18.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Marking machine. 2,013,851; Sept. 10.
- Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Condenser motor. 2,023,237; Dec. 3.
- Morris, Albert W., assignor to Moore Drop Forging Company, Springfield, Mass. Preparing and nitriding a ferrous article. 1,997,004; Apr. 9.
- Morris, Albert W., assignor to Moore Drop Forging Company, Springfield, Mass. Preparing and nitriding a ferrous article. 1,997,005; Apr. 9.
- Morris, Albert W., assignor to Moore Drop Forging Company, Springfield, Mass. Preparing and nitriding a ferrous article. 1,997,006; Apr. 9.
- Morris, Albert W., assignor to Moore Drop Forging Company, Springfield, Mass. Preparing and nitriding a ferrous article. 1,997,007; Apr. 9.
- Morris, Albert W., assignor to Moore Drop Forging Company, Springfield, Mass. Preparing and nitriding a ferrous article. 1,997,008; Apr. 9.
- Morris, Anthony W., Spokane, Wash. Lemon squeezer. 1,996,970; Apr. 9.
- Morris, Bert M., Los Angeles, Calif. Telephone holder. 1,988,697; Jan. 22.
- Morris, Charles E., assignor of one-third to M. H. Morris and one-third to J. S. Sammons, Oswego, Oreg. Folding and extensible ladder. 1,987,535; Jan. 8.
- Morris, David M. (See Kriebbaum, G. M., and Morris.)
- Morris, Douglas C., and L. O. Cockrill, assignors to Fruit Packers Supply and Equipment Company, Yakima, Wash. Fruit drier. 2,019,087; Oct. 29.
- Morris, Edward, Albany, N. Y. Finger training device. 2,025,604; Dec. 24.
- Morris, Edward Thomas, Catford, London, England, assignor to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, permanent trustee. Rotary printing machine. 2,018,642; Oct. 22.
- Morris, Frank E., and H. J. Wagner, Philadelphia, Pa., said Wagner assignor to said Morris. Producing figured knit fabrics. 2,021,132; Nov. 19.
- Morris, Frank T., assignor to C. L. Beaty, New York, N. Y. Photoflash device. 2,016,834; Oct. 8.
- Morris, George W., et al. (See Brady, Lester C., assignor.)
- Morris, Harold L., Berkeley, Calif., and F. E. Daves Philadelphia, Pa., assignors to American Car & Foundry Motors Company, New York, N. Y. Internal combustion engine. 2,023,967; Dec. 10.
- Morris, Harold W., Waltham, Mass., assignor, by mesne assignments, to the Singer Manufacturing Company, Elizabethport, N. J. Button sewing machine. 2,009,560; July 30.
- Morris, Harvey F., assignor to The Case-Hoyt Corporation, Rochester, N. Y. Advertising display. 1,988,045; Jan. 15.
- Morris, Herbert, Limited. (See Smith, George T., assignor.)
- Morris, Herbert W., Union, N. J. Storage tank filling neck cap and lock therefor. 1,995,997; Mar. 26.
- Morris, Howard I., Lakewood, Ohio, assignor, by mesne assignments, to Overhead Door Corporation, Hartford City, Ind. Door. 2,022,142; Nov. 26.
- Morris, John, assignor to Sunbeam Motor Car Company Limited, Wolverhampton, England. Production of cam shafts and other noncircular or eccentric bodies. 2,017,371; Oct. 15.
- Morris, John N. (See Kent, R. L., and Morris.)
- Morris, John P., San Antonio, Tex. Machine for corrugating material and threading the cords through the corrugations thereof. 2,016,290; Oct. 8.
- Morris, Laura B., executrix. (See Morris, William L., assignor.)
- Morris, Marion H., et al. (See Morris, Charles E., assignor.)
- Morris, Marlon W., assignor to R-B-M Manufacturing Co., Logansport, Ind. Switch. 2,016,340; Oct. 8.

- Morris Paper Mills. (See Barkowitz, Leon L., assignor.)
 Morris Paper Mills. (See Barnard, Earl W., assignor.)
 Morris Paper Mills. (See Leopold, S. N., and Powell, assignors.)
 Morris Paper Mills. (See Leopold, Samuel N., assignor.)
 Morris Paper Mills. (See Powell, Henry K., assignor.)
 Morris Paper Mills. (See Spachmann, E. A., and Leopold, assignors.)
 Morris, Roy H., near Brownwood, Tex. Burial vault. 1,985,903; Jan. 1.
 Morris, William, Agency. (See Labowitz, L. S., and Lastfogel, assignors.)
 Morris, William L., et al. (See Evans, William A., assignor.)
 Morris, William L., Wilmette, Ill., assignor to The Lubrication Corporation, South Bend, Ind. Lubrication device. 1,987,023; Jan. 8.
 Morris, William L., Chicago, Ill., L. B. Morris, executrix of said W. L. Morris, deceased. Voting and ballot counting system and apparatus. 2,011,588; Aug. 20.
 Morrissey, Richard E., West Orange, N. J., assignor to General Electric Company. Winding arbor. 2,024,178; Dec. 17.
 Morrison, A. J., et al. (See Harris, Cyrus W., assignor.)
 Morrison Bros. (See Glab, William N., assignor.)
 Morrison & Company. (See Berg, Victor H., assignor.)
 Morrison, David C., assignor, by mesne assignments, to Elgae Corporation, New York, N. Y. Apparatus for making drawings. 2,014,006; Sept. 10.
 Morrison, Edith E., Great Neck, N. Y., assignor to J. Landowne Company, Inc. Educational device. 1,995,154; Mar. 19.
 Morrison, Frank A., trustee, et al. (See Annin, Douglas H., assignor.)
 Morrison, Frank A., trustee et al. (See Colby, Harold L., assignor.)
 Morrison, Frank A., trustee et al. (See Dahl, Edward T., assignor.)
 Morrison, Frank A., et al., trustees. (See Belae, Nikolai, assignor.)
 Morrison, Irene M. (See Tuthill, Harry J., assignor.)
 Morrison, George O. (See Blaikie, K. G., Morrison and Shaw.)
 Morrison, James, Brass Manufacturing Company Limited, The. (See Hughes, Henry, assignor.)
 Morrison, James J., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Guideway. 2,017,372; Oct. 15.
 Morrison, John A. (See Mitchell, L. J., and Morrison.)
 Morrison, John R., Cleveland, Ohio. Rod baking. 1,999,513; Apr. 30.
 Morrison, Luther E., New York, N. Y., assignor to Wingfoot Corporation, Wilmington, Del. Bead for pneumatic tires and method and apparatus for producing same. 2,014,359; Sept. 10.
 Morrison, Montford, Chicago, Ill., assignor, by mesne assignments, to Westinghouse Lamp Company. Luminous discharge device. 1,999,735; Apr. 30.
 Morrison, Montford, Montclair, N. J., assignor to Westinghouse X-Ray Company, Inc. Discharge device stabilizer system. 1,999,736; Apr. 30.
 Morrison Railway Supply Corporation. (See Lamborn, George H., assignor.)
 Morrison, Robert H., Morristown, N. J. Electric circuit controlling thermometer. 2,018,220; Oct. 22.
 Morrison Trailer Manufacturing Co. (See Harris, Cyrus W., assignor.)
 Morrison, Willard L., Lake Forest, Ill. Automobile door. 1,986,940; Jan. 8.
 Morrison, Willard L., Lake Forest, Ill. Ventilating device for automobiles. 1,998,285; Apr. 16.
 Morrison, Willard L., Lake Forest, Ill. Air cooling and circulating device and process. 2,002,234; May 21.
 Morrison, Willard L., Lake Forest, Ill. Air cooling and circulating device. 2,002,235; May 21.
 Morrison, Willard L., Lake Forest, Ill. Protective device. 2,012,541; Aug. 27.
 Morrison, Willard L., Lake Forest, Ill. Automobile door. 2,016,174; Oct. 1.
 Morrison, Willard L., Chicago, Ill. Automobile door. 2,005,198; June 18.
 Morrison, Willard L., Chicago, Ill. Deflector for automobiles. 2,022,087; Nov. 26.
 Morrison, Willard L., assignor to The Dole Valve Company, Chicago, Ill. Mirror device. 2,001,743; May 21.
 Morrow, Clarence H., assignor to The Hotstream Heater Company, Cleveland, Ohio. Thermostatically operated emergency gas shut-off valve for hot water heaters. 1,991,863; Feb. 19.
 Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Draft regulator. 2,005,981; June 25.
 Morrow, Clarence H., assignor to The Hot Stream Heater Company, Cleveland, Ohio. Thermostatic gas valve. 2,023,640; Dec. 10.
 Morrow, Clifford, assignor to The H. H. Miller Industries Company, Canton, Ohio. Heater or cooler. 1,987,123; Jan. 8.
 Morrow, Clifford, assignor to The H. H. Miller Industries Company, Canton, Ohio. Liquid control mechanism. 2,015,493; Sept. 24.
 Morrow, Clifford, assignor to The H. H. Miller Industries Company, Canton, Ohio. Freezing apparatus. 2,018,462; Oct. 22.
 Morrow, Clifford, assignor to The H. H. Miller Industries Company, Canton, Ohio. Pasteurizer. 2,024,179; Dec. 17.
 Morrow, Emmet H., and J. C. Morrow, assignors to T. H. Gauthreaux, Chicago, Ill. Lubricator. 1,991,408; Feb. 19.
 Morrow, John C. (See Morrow, Emmet H., and J. C. Morrow, John E., East St. Louis, Ill., and J. Bryte Barnitt, Pittsburgh, assignors to Aluminum Company of America, Pittsburgh, Pa. Mineral wool and manufacture thereof. 2,022,811; Dec. 3.
 Morrow, Joseph H., Hokendauqua, assignor to Fuller Company, Catasauqua, Pa. Seal for conveying apparatus. 2,000,293; May 7.
 Morrow, Mont B., Seattle, Wash. Locomotive smoke-stack construction. 1,995,216; Mar. 19.
 Morrow, Mont B., Livingston, Mont. Cinder-collecting and delivering device. 1,995,745; Mar. 26.
 Morsbach, Kurt, Berlin-Lichterfelde, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Motion-picture camera. 2,003,971; June 4.
 Morschel, Heinrich. (See Haller, C., and Morschel.)
 Morscholz, John F., assignor to Corning Glass Works, Corning, N. Y. Shaping glass. 1,999,525; Apr. 30.
 Morse, Allyn J., Belleville, and G. H. Carr, Bloomfield, assignors to The Clark Thread Company, Newark, N. J. Thread package. 1,997,426; Apr. 9.
 Morse, Bowen B., Manitowoc, Wis. Grain door. 2,002,154; May 21.
 Morse Brothers Machinery and Supply Company, The. (See Weinig, Arthur J., assignor.)
 Morse Chain Company. (See Perry, David B., assignor.)
 Morse Chain Company. (See Thompson, Fred C., assignor.)
 Morse, Clark T., Detroit, Mich., assignor to American Radiator Company, New York, N. Y. Heating and ventilating apparatus. 2,006,109; June 25.
 Morse, Clark T., and E. L. Hogan, assignors to American Blower Corp., Detroit, Mich. System of heating and cooling. 1,989,997; Feb. 5.
 Morse, Clark T., and E. L. Hogan, assignors to American Blower Corporation, Detroit, Mich. Air conditioning system. 2,022,133; Nov. 26.
 Morse, Earle H. (See McKee, R. H., and Morse.)
 Morse, Frank L., Ithaca, N. Y. Power drive system. 1,986,008; Jan. 1.
 Morse, Herman E., assignor to Wingfoot Corporation, Akron, Ohio. Conduit. 2,007,918; July 9.
 Morse, Lawrence H., Cleveland, Ohio, assignor to Multigraph Company. Inking roller for printing machines. 2,006,364; July 2.
 Morse, Lawrence H., assignor to Multigraph Company, Cleveland, Ohio. Device for attaching printing members on drums. 2,021,894; Nov. 26.
 Morse, Norman W., assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Lubricator. 2,014,113; Sept. 10.
 Morse, Shirley P. (See Gilbert, A. C., and Morse.)
 Morse, Sterne, Richmond Heights, Ohio. Automatic regulation of water in storage batteries. 2,001,210; May 14.
 Morten, Walter, O. D. Richter, and S. Torpey, Alameda, Calif. Fomentation heater and wringer. 2,009,669; July 30.
 Mortensen, Frantz, assignor to Maskin-och Brobyggnads Aktiebolaget, Helsingfors, Finland. Pulsator for milking machines. 1,987,515; Jan. 8.
 Mortensen, Jorgen, Sitka, Alaska. Trolling lead. 2,022,602; Nov. 26.
 Morterud, Einar, Oslo, Norway. Heating device for wood pulp digesters. 1,994,198; Mar. 12.
 Mortimer, Charles G., Glen Ridge, N. J. Tape feeding machine. 1,989,817; Feb. 5.
 Mortimer, Charles G., Glen Ridge, N. J. Machine for delivering tape. 2,009,702; July 30.
 Mortimer, Charles G., Glen Ridge, assignor to J. H. Lynch, Asbury Park, N. J. Tag-feeding and forming machine. 1,987,966; Jan. 15.
 Mortimer, Charles G., Glen Ridge, assignor to J. H. Lynch, Asbury Park, N. J. Identification tag. 1,987,967; Jan. 15.
 Mortimer, Charles G., Glen Ridge, assignor to Joseph H. Lynch, Asbury Park, N. J. Ribbon-feeding mechanism for tag forming machines. 1,990,915; Feb. 12.
 Mortimer, Louis A., Hohokus, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph repeater. 1,990,561; Feb. 12.
 Morton Allen W., assignor, by mesne assignments, to The Bartlett Hayward Company, Baltimore, Md. Packing ring. 2,006,365; July 2.
 Morton, Allen W., assignor, by mesne assignments, to The Bartlett Hayward Company, Baltimore, Md. Expanders for pistons. 2,018,412; Oct. 22.
 Morton, Avery A., Watertown, Mass., assignor, by mesne assignments, to Columbia Naval Stores Company of Delaware, Savannah, Ga. Improving rosin. 2,017,866; Oct. 22.
 Morton, Benjamin A., New York, N. Y. Aircraft. 1,987,788; Jan. 15.
 Morton, Charles D., River Forest, Ill. Counter for toilet seat guard dispensers. 2,012,542; Aug. 27.
 Morton, Edmund R. (See Stoller, H. M., and Morton.)
 Morton, Edmund R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regulator circuit. 2,003,457; June 4.

- Morton, Edmund R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Belt drive. 2,022,052; Nov. 26.
- Morton, Eric A. (See Topham, C. F., Hazeley and Morton.)
- Morton, Harold A. (See Hansen, M. E., Szegevari, and Morton.)
- Morton, Harold S., St. Paul, assignor to Stott Briquet Company, Inc., St. Paul, Minn. Control with interceptor for stokers. 2,016,553; Oct. 8.
- Morton, Harry D., New York, N. Y., assignor to W. C. Canfield, trustee. Protective system for electric meters. 2,019,866; Nov. 5.
- Morton, Henry E., Muskegon Heights, Mich. Reciprocable ram flash removing machine. 1,995,104; Mar. 19.
- Morton, Henry E., Muskegon Heights, Mich. Flash removing machine. 2,009,670; July 30.
- Morton, Henry E., Muskegon Heights, Mich. Flash removing machine. 2,011,725; Aug. 20.
- Morton, Henry E., Muskegon Heights, Mich. Double ram flash removing machine. 2,015,955; Oct. 1.
- Morton, Henry E., Muskegon Heights, Mich. Cutter bar for key seaters. 2,018,185; Oct. 22.
- Morton, Henry E., Muskegon Heights, Mich. Work supporting attachment. 2,022,730; Dec. 3.
- Morton, James, Carlisle, Cumberland, England. Apparatus for supplying fibrous material for incorporation in fabrics. 2,000,643; May 7.
- Morton, James, Carlisle, England. Manufacture of fabrics. 2,005,951; June 25.
- Morton, Lawrence D., assignor to The Hinde & Dauch Paper Co., Sandusky, Ohio. Fireproof thermal insulator. 2,018,800; Oct. 29.
- Morton, Tazewell S., Birmingham, Ala. Tennis racket vise. 2,023,641; Dec. 10.
- Morton, William A. (See Geer, P. L., Moore, and Morton.)
- Morton, William A., assignor to Amco, Incorporated, Pittsburgh, Pa. Glass melting tank. 1,991,331; Feb. 12.
- Morton, William A., assignor to Amco, Incorporated, Pittsburgh, Pa. Apparatus and method for making glass. 1,994,959; Mar. 19.
- Mosaic Tile Company. (See Currie, Nelson P., assignor.)
- Moschel, Wilhelm, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Apparatus for producing anhydrous magnesium chloride. 2,024,242; Dec. 17.
- Moschetti, Alexander. (See Biazzi, S., and Moschetti.)
- Moseley, Francis L., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Remote control of heavy objects. 2,008,364; July 16.
- Moseley, James T., Detroit, Mich., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,013,787; Sept. 10.
- Moseley, Tomlinson L., San Francisco, Calif., assignor to United States Appliance Corporation. Tweezers. 1,991,816; Feb. 19.
- Moseley, Tomlinson L., assignor to United States Appliance Corporation, San Francisco, Calif. Hair waving heater. 1,992,388; Feb. 26.
- Moseley, Tomlinson L., San Francisco, Calif. Hair drying apparatus. 2,015,958; Oct. 1.
- Moseley, William H., Springfield, assignor of one-tenth to Samuel W. Banning, trustee, Chicago, Ill. Resurfacing concrete pavement. 2,000,977; May 14.
- Moseley, William H., Springfield, assignor of one-tenth to Samuel W. Banning, trustee, Chicago, Ill. Resurfacing and widening road structures. 2,000,978; May 14.
- Mosely, William P., and W. E. Goehring, assignors to The Yale & Towne Manufacturing Company, Stamford, Conn. Safe deposit envelope. 1,999,660; Apr. 30.
- Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Coloring and improving lubricating oil. 2,010,606; Aug. 6.
- Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Preparing motor fuel. 2,011,297; Aug. 13.
- Moser, Jeannette K., New York, N. Y. Measuring top or cap for containers. 1,986,741; Jan. 1.
- Moser, Jesse R. (See Cochran, R. S., and Moser.)
- Moser, Otto, Bern, Switzerland. Selector arrangement for the selective call of telephone subscriber stations for the private and official exchange. 1,992,389; Feb. 26.
- Moser, Wilhelm, Riehen, near Basel, and W. Floroni, Binningen, near Basel, assignors to firm Society of Chemical Industry in Basle, Basel, Switzerland. Anthraquinone derivative and making the same. 2,002,247; May 21.
- Moser, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Directional apparatus. 2,005,798; June 25.
- Moser, Wilhelm, and L. Leng, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Crystal holder. 2,004,170; June 11.
- Moses, Charles. (See Gorman, W. D., and Moses.)
- Moses, Jacob M., Baltimore, Md. Razor with blade adapter. 1,991,289; Feb. 12.
- Moses, Norman E. (See Latimer, Charles A., assignor.)
- Moses, Richard G. (See Fry, Ernest T., assignor.)
- Moses, Richard I., Stockton-on-Tees, England. Fluid pressure operated blower for cleaning the tubes of steam generators and the like. 2,002,787; May 28.
- Moses, Richard I., Langley, assignor to Ivor Power Specialty Company, Limited, London, England. Fluid pressure operated blower for cleaning the tubes of steam generators and the like. 2,002,788; May 28.
- Mosgrove, Charles A., Waterbury, assignor to The Autovye Company, Incorporated, Oakville, Conn. Slide loop. 2,015,863; Oct. 1.
- Mosher, Asa H., Westfield, N. J. Battery filling device. 2,022,380; Nov. 26.
- Mosher, Audley E., Elkland, Pa. Pocket live minnow jar. 1,986,742; Jan. 1.
- Mosher, Howard D., assignor of one-half to A. A. Anderskew, Chicago, Ill. Rule form. 1,994,432; Mar. 12.
- Mosher, Hugh H. (See Stein, J., and Mosher.)
- Mosher, Lyman E., East Herkimer, N. Y. Crane and wire rack. 2,001,034; May 14.
- Mosinee Paper Mills Company. (See Kernin, Alfred G., assignor.)
- Mosler, Edwin H., New York, N. Y., and H. H. Lynn, Wyoming, Ohio, assignors to The Mosler Safe Co., New York, N. Y. Antirobbery receptacle. 2,022,381; Nov. 26.
- Mosler, Edwin H., New York, N. Y., and H. H. Lynn, Wyoming, Ohio, assignors to The Mosler Safe Co., New York, N. Y. Anti-robbery receptacle. 2,022,382; Nov. 26.
- Mosler Safe Company, The. (See Bremer, Fredrick J., assignor.)
- Mosley, Harley C., Portsmouth, Ohio. Rolling mill and control mechanism therefor. 1,987,204; Jan. 8.
- Mosley, John H., Jackson Heights, and C. I. Braren, Jamaica, N. Y., assignors, by mesne assignments, to Standard-Knapp Corporation of New York. Article-feeding mechanism. 1,998,842; Apr. 23.
- Moss, Benjamin L., Chicago, Ill. Fuse plug. 1,994,895; Mar. 19.
- Moss, Charles M., Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Illumination apparatus. 1,991,058; Feb. 12.
- Moss, Henry V., St. Louis, Mo., and F. D. Snell, Brooklyn, N. Y., assignors to Swann Research, Inc. Sodium meta silicate detergent. 1,989,765; Feb. 5.
- Moss, Hibbert W. (See Borden, P. A., and Moss.)
- Moss, Jim R. (See Gentry, H. R., and Moss.)
- Moss, Joseph, North Smithfield, R. I., assignor to Whitin Machine Works, Whitinsville, Mass. Safety lock for textile machine covers. 1,987,562; Jan. 8.
- Moss, Joseph, North Smithfield, R. I., assignor, by mesne assignments, to Whitin Machine Works, Whitinsville, Mass. Safety lock for textile machine covers. 1,987,563; Jan. 8.
- Moss, Joseph, assignor, by mesne assignments, to Whitin Machine Works, Whitinsville, Mass. Cotton cleaner. 1,995,266; Mar. 19.
- Moss, Joseph, Woonsocket, R. I., assignor, by mesne assignments, to Whitin Machine Works, Whitinsville, Mass. Picker. 2,001,687; May 14.
- Moss, Julius, Brooklyn, N. Y. Lid for ice-cream cabinets and the like. 2,017,253; Oct. 15.
- Moss Rose Manufacturing Company. (See Jowett, James R., assignor.)
- Moss, Sidney H. (See O'Callaghan, Joseph, assignor.)
- Moss, T. J., Tie Company. (See Penney, J. S., and Lingley, assignors.)
- Moss, Vernon H., Brookline, Mass. Shoe manufacture. 2,011,071; Aug. 13.
- Moss, Vernon H., Brookline, Mass. Shoe construction. 2,025,521; Dec. 24.
- Moss, William H., Cumberland, Md., assignor to Celanese Corporation of America. Synthetic resin and preparing the same. 2,015,083; Sept. 24.
- Moss, William H., London, England, assignor to Celanese Corporation of America. Cellulose derivative composition. 2,022,383; Nov. 26.
- Mossberg, Frank, assignor to Mossberg Pressed Steel Corporation, Attleboro, Mass. Fire extinguisher. 2,020,427; Nov. 12.
- Mossberg, Harold F., assignor to O. F. Mossberg & Sons Incorporated, New Haven, Conn. Adjustable sight for firearms. 2,005,952; June 25.
- Mossberg, O. F., & Sons, Incorporated. (See Mossberg, Harold F., assignor.)
- Mossberg Pressed Steel Corporation. (See Mossberg, Frank, assignor.)
- Mosse, Claude B., Cannahore, South India. Appliance for playing a race game. 1,993,679; Mar. 5.
- Mosser, Alvie C., and J. F. Mothard, Detroit, Mich. Tire inflating arrangement. 2,017,158; Oct. 15.
- Mossinghoff, Bernard H., assignor to Progressive Motor Devices Corporation, Chicago, Ill. Automobile speed control device. 2,008,149; July 16.
- Mossman, Donald P., assignor to Keystone View Company, Meadville, Pa. Lantern slide and making the same. 1,992,128; Feb. 19.
- Motion Displays, Inc. (See Ruckelshaus, John G., assignor.)
- Motion Picture Engineering Company. (See Lee, Ralph L., assignor.)
- Moto Meter Gauge & Equipment Corporation. (See Cheney, M. E., and Meston, assignors.)
- Moto Meter Gauge & Equipment Corporation. (See Wardenburg, Bernhard G., assignor.)
- Moto-Mower Co., The. (See Blydenburgh, Harold L., assignor.)
- Motor Car Carriers, Inc. (See Simning, Roy B., assignor.)
- Motor Improvements, Inc. (See Layte, Ralph R., assignor.)
- Motor Improvement, Inc. (See Liddell, Robert P. F., assignor.)
- Motor Jack Corporation. (See Gutmann, J., Jr., and Wolf, assignors.)
- Motor Jack Corporation. (See Wolf, August M., assignor.)

- Motor Power, Inc. (See Weeks, Charles J., assignor.)
 Motor Products Corporation. (See Broomham, Richard W., assignor.)
 Motor Products Corporation. (See Kellogg, Homer G., assignor.)
 Motor Products Corporation. (See Pritchard, William S., assignor.)
 Motor Seal Corporation. (See Brinker, H. S., and Thomas, assignors.)
 Motor Terminals Company. (See Fitch, Benjamin F., assignor.)
 Motor Wheel Corporation. (See Horn, Harry J., assignor.)
 Motor Wheel Corporation. (See Hunt, J. H., and Horn, assignors.)
 Motor Wheel Corporation. (See Nelson, Emil A., assignor.)
 Motor Wheel Corporation. (See Schmidt, Frank W., assignor.)
 Motor Wheel Corporation. (See Stough, C. R., and Schmidt, assignors.)
 Motor Wheel Corporation. (See Whitacre, Clarence J., assignor.)
 Motor Wheel Corporation. (See Winchester, Frank U., assignor.)
 Moto-Vita Corporation. (See Holt, Francis A., assignor.)
 Motsinger, Harry C. (See Crago, A. and Motsinger.)
 Mott, Cassell A., et al. (See Frazier, Orville Z., assignor.)
 Mott, Frederick R., Elkins Park, assignor to Yarnall-Waring Company, Philadelphia, Pa. Thermostatic valve. 2,008,400; July 16.
 Mott, John L., St. Helens, assignor to C. E. Swan, Portland, Oreg. Choke control. 1,990,083; Feb. 5.
 Mott Sand Blast Manufacturing Company. (See Weir, Roy W., assignor.)
 Mottershall, William H., Toronto, Ontario, Canada. Ventilator. 2,022,143; Nov. 26.
 Mottlau, August J., assignor, by mesne assignments, to J. E. Foster, Pittsburgh, Pa. Uni-directional end thrust bearing. 2,009,964; July 30.
 Mottram, Elliott T., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Record display device. 2,017,633; Oct. 15.
 Motycka, Joseph, assignor to Cheney Brothers, Manchester, Conn. Measuring device for pantograph engraving machines. 1,993,892; Mar. 12.
 Mould, James A., Milwaukee, Wis., assignor to Gas Tool Patents Corporation, Chicago, Ill. Internal combustion tool. 1,997,070; Apr. 9.
 Mould, James A., Milwaukee, Wis., assignor to Gas Tool Patents Corporation, Chicago, Ill. Internal combustion engine. 1,997,071; Apr. 9.
 Mould, James A., Milwaukee, Wis., assignor to Gas Tool Patents Corporation, Chicago, Ill. Internal combustion hammer. 1,997,072; Apr. 9.
 Moulded Pulp Corporation. (See Heymann, Roy D., assignor.)
 Moulded Pulp Corporation. (See Heymann, R. D., and Clark, assignors.)
 Moulds, Porter H., Flushing, Mich. Garbage can lid retainer. 2,008,625; July 16.
 Moule, Glenn B., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making a composite article. 1,994,145; Mar. 12.
 Moullin, Eric B., Oxford, England, assignor to Radio Corporation of America. Stabilizing the frequency of a valve generator. 2,005,236; June 18.
 Moulten, Lloyd W., assignor to Gaylord Bros. Inc., Syracuse, N. Y. Library card printing machine. 1,986,352; Jan. 1.
 Moulthrop, Lumbert H., South Norwalk, Conn., assignor to Raylite Trading Company, Inc., New York, N. Y. Electrical outlet fixture. 2,025,214; Dec. 24.
 Moulton, George Spencer & Company. (See Carter, Winnie, assignor.)
 Moulton, Harley C., Maplewood, assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Combined seaming and pinking machine. 1,998,021; Apr. 16.
 Moulton, Rollin H., Berwyn, Ill. Shock absorber. 2,018,312; Oct. 22.
 Moulton, Rollin H., Berwyn, Ill., assignor to National Pneumatic Company, New York, N. Y. Shock absorber. 2,015,757; Oct. 1.
 Moulton, Rollin H., Berwyn, Ill., assignor to National Pneumatic Company, New York, N. Y. Shock absorber. 2,015,758; Oct. 1.
 Moulton, Rollin H., Berwyn, Ill., assignor to National Pneumatic Company, New York, N. Y. Shock absorber. 2,015,759; Oct. 1.
 Mounce, Whitman D. (See Blau, L. W., Bryan, and Mounce.)
 Mount, Sidney C. (See Musgrave, J. L., and Mount.)
 Mountain Varnish & Color Works, Inc. (See McDaniel, Omer, assignor.)
 Mountbatten, Louis, London, England. Polo stick. 1,993,334; Mar. 5.
 Mountford, Sara E., and J. O. Frost, Philadelphia, Pa. Constructing elastic hosewear. 2,017,604; Oct. 15.
 Mourmstseff, Ilia E., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Vacuum tube. 2,012,431; Aug. 27.
 Mourmstseff, Ilia E., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vacuum tube. 2,020,428; Nov. 12.
 Mourmstseff, Ilia E., and H. V. Noble, Wilkensburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tube cooling device. 2,011,647; Aug. 20.
 Mourraile, Jean P. L., assignor to Sté dite: Satujo, Sté Anne de Construction de Tuyaux sans Joints, Système, Cravetto Breveté, S. G. D. G., Paris, France. Constructing monolithic canalized structures. 2,009,362; July 23.
 Mousset, André G. (See Fiquet, A. L., and Mousset.)
 Moussette, Oliver J., Sr., Queens Village, N. Y. Adjustable suspension scaffold. 2,008,081; July 16.
 Moutoux, Emil E., Riverhead, N. Y. Bait or minnow box. 2,001,468; May 14.
 Movietone, Inc. (See Baisley, James R., assignor.)
 Movietone, Inc. (See Jermain, Herbert F., assignor.)
 Movietone, Inc. (See Whiting, Donald F., assignor.)
 Mow, Harold G., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Separation of 1,8-naphthylaminesulphonic acid. 1,996,822; Apr. 9.
 Mowery, Leroy D. (See Pfeiffer, A. B., and Mowery.)
 Mowry, Edward, Rock Falls, Ill., assignor to International Harvester Company. Disk harrow. 2,002,272; May 21.
 Moxley, Stephen D. (See Barr, C. D., and Moxley.)
 Moxley, Stephen D., assignor to American Cast Iron Pipe Company, Birmingham, Ala. Apparatus for relieving shocks on scales. 2,002,411; May 21.
 Moxley, Thomas R., Steubenville, Ohio. Coil handling method and apparatus. 1,990,084; Feb. 5.
 Moxley, William M. (See Easley, John H., assignor.)
 Moyer, Andrew J. (See May, O. E., Herrick, Moyer, and Wells.)
 Moyer, J. Bird, Company. (See Thibert, Joseph A. N., assignor.)
 Moyer, Charles L. (See Davis, J. A., and Moyer.)
 Moyer, Elmo E., and R. C. Griffith, Schenectady, N. Y., assignors to General Electric Company. Electromagnetic starter for mercury arc discharge devices. 1,998,940; Apr. 23.
 Moyer, Fredellia H. (See Moyer, Robert P. and F. H.)
 Moyer, Robert P. and F. H., Pittsburgh, Pa. Liquid rectifying method and apparatus. 2,022,731; Dec. 3.
 Moyer, William H., West Lawn, assignor to Textile Machine Works, Wyomissing, Pa. Centrifugal machine and the like. 2,026,510; Dec. 31.
 Moyers, May. (See Bridenbaugh, Elmer H., assignor.)
 Moysard, Omer, Brussels, Belgium. Carburetor. 2,016,449; Oct. 8.
 Mraz, Joseph L., Waterbury, Conn. Tubular joint. 1,998,518; Apr. 23.
 Moss, Edward, assignor to Hamilton Beach Manufacturing Company, Racine, Wis. Food mixer. 2,008,184; July 16.
 Mucha, Pinchus, Irvington, N. J. Protecting clothing against damage by insects and means therefor. 2,017,159; Oct. 15.
 Mucher, John J., Brooklyn, N. Y. Electrical resistor. 1,987,489; Jan. 8.
 Mucher, John J., Brooklyn, N. Y. Resistance mounting. 1,989,601; Jan. 29.
 Mucher, John J., Brooklyn, N. Y. Variable electric resistor. 1,997,427; Apr. 9.
 Mucher, John J., Brooklyn, N. Y. Resistance element for variable electrical resistors. 2,007,022; July 2.
 Mucher, John J., Brooklyn, N. Y. Resistance unit. 2,021,802; Nov. 19.
 Muchnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Conduit joint forming means. 2,020,156; Nov. 5.
 Muchnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Cast wheel. 2,024,866; Dec. 17.
 Muchnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Journal box. 2,024,867; Dec. 17.
 Muchow, Albert J., Scotia, N. Y., assignor to General Electric Company. Sonic locator system. 2,018,463; Oct. 22.
 Muckenfuss, Anthony M., Niagara Falls, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Catalyst and process of hydrogenating organic compounds. 2,021,567; Nov. 19.
 Muckler, Frank, assignor to Southern Equipment Company, St. Louis, Mo. Food container. 2,024,010; Dec. 10.
 Mudd, Frank X., Chicago, Ill. Poultry car. 1,999,526; Apr. 30.
 Mudd, Garrett W., Chicago, Ill., assignor, by mesne assignments, to Standard-Knapp Corporation, New York, N. Y. Packaging machine. 1,987,789; Jan. 15.
 Muehlberg, Walter F., Cleveland, Ohio. Determining copper in copper coated wire and the like. 2,005,156; June 18.
 Muehleisen, George H., Canton, Ohio. Traffic sign. 2,002,248; May 21.
 Mueldener, Frank B. (See Swisher, M. E., and Mueldener.)
 Mueller Brass Co. (See Irving, Philip L., assignor.)
 Mueller Brass Co. (See Mueller, O. B., Hill, Tielking, and Jones, assignors.)
 Mueller Brass Co. (See Mueller, O. B., Rader, Proctor, and Irving, assignors.)
 Mueller Brass Co. (See O'Laughlin, John E., assignor.)
 Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Blind stitch sewing machine. 1,988,563; Jan. 22.

- Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Sewing machine. 1,989,602; Jan. 29.
- Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Blind stitch sewing machine for seaming hems. 2,018,186; Oct. 22.
- Mueller, Christian R., Detroit, Mich. Heating device for motor vehicles. 2,006,840; July 2.
- Mueller Co. (See Condé, L., and Hathaway, assignors.)
- Mueller Co. (See Groble, William C., assignor.)
- Mueller Co. (See Mueller, Frank H., assignor.)
- Mueller Co. (See Mueller, R. H., and Robinson, assignors.)
- Mueller Co. (See Simpson, J. W., and Sutliff, assignors.)
- Mueller-Cunradi, Martin. (See Beck, A., and Mueller-Cunradi.)
- Mueller-Cunradi, Martin, Ludwigshafen-on-the-Rhine, and E. Ober, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Catalytic dehydration. 2,004,521; June 11.
- Mueller Electric Company. (See Mueller, Ralph S., assignor.)
- Mueller, Emil C., assignor to The John Gabel Manufacturing Company, Chicago, Ill. Phonograph. 2,025,300; Dec. 24.
- Mueller, Emil F., Arpin, Wis. Drier. 2,017,286; Oct. 15.
- Mueller, Emil L., Rutherford, N. J. Continuous ribbon printing machine. 1,986,643; Jan. 1.
- Mueller, Emil L., Rutherford, N. J. Paper cutting and trimming machine and the like. 2,008,645; July 16.
- Mueller, Emil L., Rutherford, N. J. Printing machine. 2,024,594; Dec. 17.
- Mueller, Emilie P., administratrix. (See Mueller, John G.)
- Mueller, Erich O., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bearing. 2,018,221; Oct. 22.
- Mueller, Eugene, and P. Felber, Owen Sound, Ontario, Canada. Apparatus and method of printing designs on hosiery. 2,019,156; Oct. 29.
- Mueller, Frank H., assignor to Mueller Co., Decatur, Ill. Method of and apparatus for drilling and plugging mains and pipes and inserting and removing such plugs. 1,996,345; Apr. 2.
- Mueller, Frank H., assignor to Mueller Co., Decatur, Ill. Pipe or rod fitting. 1,996,346; Apr. 2.
- Mueller, George S. (See Ingmanson, J. H., and Mueller.)
- Mueller, Hans, Brookline, assignor to Massachusetts Institute of Technology, Cambridge, Mass. Temperature responsive apparatus. 2,006,558; July 2.
- Mueller, Henry. (See Biggert, F. C., Jr., and Mueller.)
- Mueller, Herbert B., Los Angeles, Calif. Portable dance floor or mat. 2,019,692; Nov. 5.
- Mueller, Johannes, Eppstein, and U. Hoffmann, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of polyhydric alcohols. 1,990,245; Feb. 5.
- Mueller, John G., deceased, Dayton, Ohio, E. P. Mueller, administratrix. Rail stabilizing device for railway tracks. 2,002,708; May 28.
- Mueller, Julius, Mannheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Chlorination of aromatic compounds. 1,997,226; Apr. 9.
- Mueller, L. J., Furnace Company. (See Jones, E. A., and Wagner, assignor.)
- Mueller, Moritz L., Seattle, Wash. Dry kiln. 1,989,998; Feb. 5.
- Mueller, Oscar B., H. K. Rader, W. H. Proctor, and P. L. Irving, assignors to Mueller Brass Co., Port Huron, Mich. Pipe joint. 1,995,006; Mar. 19.
- Mueller, Oscar B., C. A. Hill, and J. W. Tielking, Port Huron, Mich., and G. R. Jones, Rochester, N. Y., assignors to Mueller Brass Co., Port Huron, Mich. Heating tool. 2,001,538; May 14.
- Mueller, Ralph S., Cleveland, Ohio, assignor to Mueller Electric Company. Connector. 1,994,251; Mar. 12.
- Mueller, Ralph S., Cleveland, and S. Mueller, Shaker Heights, assignors to Mueller Electric Company, Cleveland, Ohio. Connecting clip. 1,999,613; Apr. 30.
- Mueller, Richard W., assignor to Kerotest Manufacturing Company, Pittsburgh, Pa. Balanced throttle valve. 2,019,193; Oct. 29.
- Mueller, Robert H., and W. M. Robinson, assignors to Mueller Co., Decatur, Ill. Scribing tool. 2,009,671; July 30.
- Mueller, Scott. (See Mueller, Ralph S. and S.)
- Mueller, Victor J., assignor to W. A. Laidlaw Wire Co., Peoria, Ill. Bundled package. 2,012,432; Aug. 27.
- Mueller, Wilhelm, Gleiwitz, Germany. Regenerative coke oven. 1,999,514; Apr. 30.
- Mueller, William A., Hollywood, Calif., assignor to United Research Corporation, Long Island City, N. Y. Radio broadcasting. 2,008,082; July 16.
- Muench, Eduard. (See Schumann, C. Muench, and Ufer.)
- Muench, Frank J., Newark, and J. L. Muench, Short Hills, N. J., assignors to General Machine Company, Newark, N. J. Apparatus for blending materials. 2,018,082; Oct. 22.
- Muench, John L. (See Muench, Frank J., and J. L.)
- Muenz, Karl, assignor to Deutsche Perrot-Bremse G. m. b. H., Mannheim-Friedrichsfeld, Germany. Wheel brake. 2,012,577; Aug. 27.
- Muenzer, Frank X., Elmore, Ohio. Camp stove. 1,999,515; Apr. 30.
- Muff, Albert C., assignor to Commercial Iron Works of Los Angeles, Los Angeles, Calif. Orifice plate construction for orifice fittings. 2,025,545; Dec. 24.
- Muffy, Glenn, Richmond, Mich. Mechanism for disintegrating frozen liquid. 2,004,582; June 11.
- Muffy, Glenn, Detroit, assignor, by mesne assignments, to Copeland Refrigeration Corporation, Mount Clemens, Mich. Control for refrigeration systems. 1,990,663; Feb. 12.
- Muggleton, Gerald D. (See Wells, S. D., and Muggleton.)
- Mühlbauer, Ernst C., Deptford, London, England. Grinding of rotating eccentric knives. 2,026,096; Dec. 31.
- Muhlenbrock, Herman, executors, et al. (See Kaltenbach, Charles E.)
- Muhlfeld, John E., Scarsdale, N. Y. Car underframe. 2,015,188; Sept. 24.
- Muhvich, Joseph. (See Mamula, S. L., and Muhvich.)
- Muir, Herbert H., Chicago, Ill. Egg beater mechanism. 1,987,700; Jan. 15.
- Muir, John. (See Feayear, G., and Muir.)
- Muirhead, Alfred R., assignor to The Lumum Cotton Gin Company, Columbus, Ga. Cotton handling apparatus. 2,016,017; Oct. 1.
- Mulcahy, David J., Wellington, and C. C. Perry, Huron, Ohio. Signaling train order discharging device. 2,011,939; Aug. 20.
- Mulder, Cornelis A. H., Eindhoven, Netherlands, assignor to General Electric Company. Apparatus for stamping articles having curved surfaces. 1,992,037; Feb. 19.
- Mulder, Henry H. (See Mulder, John H., and H. H.)
- Mulder, Johannes G. W., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electric rectifier. 1,991,936; Feb. 19.
- Mulder, Johannes G. W., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Multiphase alternating-current rectifier. 1,996,482; Apr. 2.
- Mulder, Johannes G. W., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electric discharge tube. 2,011,981; Aug. 20.
- Mulder, Johannes G. W., and H. L. van der Horst, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Gas filled discharge tube. 2,011,904; Aug. 20.
- Mulder, Johannes G. W., and J. H. van der Tuuk, assignors by mesne assignments, to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Discharge vessel with subdivision of voltage. 2,020,077; Nov. 5.
- Mulder, John H., Atlanta, Ga., and H. H. Mulder, Michigan City, Ind. Seat bottom for furniture. 2,016,018; Oct. 1.
- Mulder, Peter J. (See Razek, J., and Mulder.)
- Muldoon, Bernard F., Mountainview, N. J., assignor to Henry Hyman, New York, N. Y. Electrical attachment. 1,986,895; Jan. 8.
- Muldoon, Bernard F., Mountainview, N. J., assignor to Henry Hyman, Brooklyn, N. Y. Device for indicating whether a clock is running. 2,002,905; May 28.
- Mulford, Braden N. (See Mangel, Willie C., assignor.)
- Mulford, Frank B., and R. D. Schnoor, Chicago, Ill., said Schnoor assignor to said Mulford. Combined recording and registering postal scale. 1,990,304; Feb. 5.
- Mulford, Hewett P., Lebanon, Ohio. Plant package. 1,994,400; Mar. 12.
- Mulford, Logan W., Long Island City, N. Y. Vault light, floor light, or skylight. 1,987,490; Jan. 8.
- Mulford, William A., Gladwyne, Pa. Auxiliary seal and measure for collapsible tubes. 2,017,254; Oct. 15.
- Mulhare, Andrew F., Glenbrook, Conn. Line-spacer for typewriters. 2,021,195; Nov. 19.
- Mulhern, William A., assignor to Chrysler Corporation, Detroit, Mich. Making brake drums. 2,011,772; Aug. 20.
- Mulholland, Clifford A., St. Louis, Mo. Refrigerating apparatus. 2,009,067; July 23.
- Mullan, John H., San Francisco, Calif. Can top remover. 2,002,906; May 28.
- Mullaney, John F. (See Davidson, J. H., and Mullaney.)
- Mullen, George W., Lowellville, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Sealing machine and method. 2,017,766; Oct. 15.
- Mullen, James T., assignor to The Dymont Company, Cleveland, Ohio. Animated display or sign apparatus. 2,014,660; Sept. 17.
- Mullen, John E., assignor of one-half to H. L. Judell & Company, San Francisco, Calif. Show case. 2,001,106; May 14.
- Mullen, Tobias P., Bayside, N. Y. Flexible wiping and massaging device for bathers. 2,008,990; July 23.
- Mullendore, Abigail C., Philadelphia, Pa. Hat horn. 1,999,252; Apr. 30.
- Müller, Adalbert, Augsburg, Germany, assignor to Erba Aktiengesellschaft, Fabrik Chemischer Produkte, Zurich, Switzerland. Treatment of textiles. 2,015,865; Oct. 1.
- Müller, Adalbert, and T. Stenzinger, Augsburg, Germany, assignors to Erba Aktiengesellschaft, Fabrik Chemischer Produkte, Zurich, Switzerland. Processing of textiles. 2,015,864; Oct. 1.
- Muller, Adam, Bronx, N. Y. Shock absorber for motor vehicles. 1,987,411; Jan. 8.
- Muller, Anthony S., Pontiac, Mich. Draining device for flowerpots. 1,992,878; Feb. 26.
- Müller, Carl, Mannheim. L. Schlecht, Ludwigshafen-on-the-Rhine, and E. Keunecke, Oppau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Separation of metals. 2,004,534; June 11.

- Müller, Carl W., Dresden-Weisser Hirsch, Germany. Process and apparatus for the manufacture of cigarettes with a short mouthpiece of wadding, crepe paper, or the like. 2,005,661; June 18.
- Müller, Carl W., Dresden-Weisser Hirsch, Germany. Wrapping mechanism. 2,010,196; Aug. 6.
- Müller, Daniel C., Hollis, N. Y. Illuminating compact. 2,021,015; Nov. 12.
- Müller, Emil M., assignor to Textile Machine Works, Wyomissing, Pa. Fabric draw-off means for straight knitting machines. 2,014,114; Sept. 10.
- Müller, Frantz, assignor to Durkopp-Werke A. G., Bielefeld, Germany. Process for the production of colored photographic pictures. 1,986,280; Jan. 1.
- Müller, Franz H., assignor to Durkopp-Werke A. G., Bielefeld, Germany. Producing a multicolor screen for the production of photographic color pictures. 2,007,282; July 9.
- Müller, Franz H., assignor to Durkopp-Werke A. G., Bielefeld, Germany. Producing two-color or multicolor photographic pictures. 2,007,283; July 9.
- Müller, Frederick, et al. (See Booharin, Leo Y., assignor.)
- Müller, Frederick W., Hoboken, N. J., assignor to The Bishop & Babcock Manufacturing Company, Cleveland, Ohio. Bottle filling means. 2,012,247; Aug. 20.
- Müller, Frederick W., Hoboken, N. J., assignor to The Bishop & Babcock Manufacturing Company, Cleveland, Ohio. Bottle filling machine. 2,020,849; Nov. 12.
- Müller, Friedrich. (See Chapman, J. C., and Müller.)
- Müller, Friedrich, Elizabeth, N. J. Machine for incorporating ash-retaining elements in cigars and cigarettes. 1,995,622; Mar. 26.
- Müller, Friedrich W., Landsberg, Germany. Game apparatus. 1,994,862; Mar. 19.
- Müller, Fritz. (See Hoffa, E., and Müller.)
- Müller, Fritz. (See Thomae, H., Modersohn, Müller, and Muth.)
- Müller, Fritz, Furstenwalde, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Coated steel electrode for arc welding. 2,023,818; Dec. 10.
- Müller, Fritz. (See Müller, R., Schenck, Wirbatz, and Müller.)
- Müller, Gustav. (See Ledig, W., Müller, Asmussen, Duhse, and Wilde.)
- Müller, Hans, Langenfeld, Germany. Travel support device for bedsteads and the like. 1,999,106; Apr. 23.
- Müller, Hans, Emmetbaden, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Synchronizing and connecting system. 1,994,418; Mar. 12.
- Müller, Heinrich, Nuremberg, Germany. Wheeled toy. 2,001,625; May 14.
- Müller, Jacob, Munchenstein, near Basel, and R. Stocker, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Unsymmetrical thioindigoid dyestuffs and making them. 2,007,094; July 2.
- Müller, Johannes, and M. Müller, Homberg-on-the-Lower-Rhine, assignor to the firm Sachtleben Aktiengesellschaft für Bergbau und Chemische Industrie, Cologne-on-the-Rhine, Germany. Purifying natural heavy spar. 2,005,296; June 18.
- Müller, Konrad, Berlin-Siemensstadt, F. Döring, Berlin-Frohnau, and J. Wantosch, Berlin-Reinickendorf-O., Germany, assignors to Siemens & Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electric motor and control therefor. 2,002,546; May 28.
- Müller, Ludwig, Cologne, Germany. Machine for measuring and machining frames and underframes of vehicles, especially railway bogies. 2,008,083; July 16.
- Müller, Manfred. (See Müller, Johannes and M.)
- Müller, Max. (See Hug, E., and Müller.)
- Müller, Oscar F., Glen Ridge, N. J. Treatment of textile fibers and fabrics made therefrom. 2,011,726; Aug. 20.
- Müller, Oskar. (See Kleinschmit, O., and Müller.)
- Müller, Oskar, assignor to Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Mechanism for automatically severing the terminal threads of a stitched book or the like. 2,021,669; Nov. 19.
- Müller, Otto B., Berlin-Lichterfelde, Germany. Adjustable gauge. 2,000,783; May 7.
- Müller, Paul, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Tuning control. 1,987,124; Jan. 8.
- Müller, Peter, Detroit, Mich. Fish bait. 2,003,550; June 4.
- Müller, Richard, Heidelberg, and E. Rabald, Mannheim, assignors to C. F. Boehringer & Soehne G. m. b. H., Mannheim-Waldhof, Germany. Production of fatty acid anhydrides. 2,001,211; May 14.
- Müller, Richard, Heidelberg, M. Schenck, Mannheim, W. Wirbatz, and F. Müller, Mannheim-Waldhof, Germany, assignors to C. F. Boehringer & Soehne G. m. b. H., Mannheim-Waldhof, Germany. Esterification of cellulose. 2,024,381; Dec. 17.
- Müller, Richard, and M. Schenck, Mannheim, and W. Wirbatz, assignors to C. F. Boehringer & Soehne G. m. b. H., Mannheim-Waldhof, Germany. Treating cellulose acetate. 2,002,674; May 28.
- Müller, Richard E., Berlin-Wilmersdorf, assignor to Kuppers Metallwerke, Gesellschaft m. b. H., Bonn, Germany. Soldering flux. 1,989,557; Jan. 29.
- Müller, Richard K. (See Kränzlein, G., and Müller.)
- Müller, Robert H., Berlin, Germany, assignor to General Electric Company. Electrical insulation. 2,016,155; Oct. 1.
- Müller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Check writing machine. 1,997,073; Apr. 9.
- Müller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Tally roll mechanism. 2,001,367; May 14.
- Müller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,008,921; July 23.
- Müller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Paper equipment for accounting machines. 2,012,317; Aug. 27.
- Müller, Rudolf. (See Honold, E., and Müller.)
- Müller, Rudolf, assignor to P. Franke and R. Heidecke, Brunswick, Germany. Film feed mechanism for photographic roll film cameras. 2,016,611; Oct. 8.
- Müller, Werner. (See Wahl, O., Müller, and Fingado.)
- Müller, Wilhelm, assignor to the firm of Nollesche Werke Kom. Ges., Weissenfels-on-the-Saale, Germany. Shoe-end lasting machine. 1,999,545; Apr. 30.
- Muller, William J., Philadelphia, Pa. Automobile. 2,008,724; July 23.
- Müller, Wolf J., and M. Niessner, assignors to Oesterreichische Dynamit Nobel Aktiengesellschaft, Vienna, Austria. Corrosion-resistant and malleable alloy. 2,006,598; July 2.
- Müller, Wolf J., and M. Niessner, assignors to Oesterreichische Dynamit Nobel Aktiengesellschaft, Vienna, Austria. Mechanically workable alloy. 2,006,599; July 2.
- Müller, Wolf J., and M. Niessner, assignors to Oesterreichische Dynamit Nobel Aktiengesellschaft, Vienna, Austria. Corrosion-resistant and malleable alloy. 2,006,600; July 2.
- Müller, Wolf J., and M. Niessner, assignors to Oesterreichische Dynamit Nobel Aktiengesellschaft, Vienna, Austria. Corrosion-resistant, mechanically workable alloy. 2,006,601; July 2.
- Mullins, Boyd, and A. R. Brown, Keystone, W. Va. Mine door structure. 2,015,458; Sept. 24.
- Mullins Manufacturing Corporation. (See Erickson, Edward S., assignor.)
- Multieycol Pump & Engine Corporation. (See Hutchison, Miller R., Jr., assignor.)
- Multigraph Company. (See Chisholm, Clifton, assignor.)
- Multigraph Company. (See Morse, Lawrence H., assignor.)
- Multigraph Company. (See Osborn, Henry C., assignor.)
- Multigraph Company. (See Rowell, George S., assignor.)
- Multigraph Company. (See Wescott, William B., assignor.)
- Multipost Co. (See Gav, Azel, assignor.)
- Multiraylite, Inc. (See Ward, Richard J., assignor.)
- Multisemblem Corporation. (See Moore, Milton H., assignor.)
- Multistamp Company, The. (See Brandt, Louis G., assignor.)
- Multistamp Co., The. (See Mason, Porter H., assignor.)
- Multitone Electric Company Limited. (See Poliakov, Joseph, assignor.)
- Munce, Thomas W. (See Utterback, W. B., Nash, and Munce.)
- Munch, Carl, Duren, assignor to Atlas-Ago, Chemische Fabrik, Aktiengesellschaft, Molkau-bei Leipzig, Germany. Waterproof abrasive paper. 2,000,532; May 7.
- Mund, Charles J. (See Parker, Sidney E., assignor.)
- Munday, Richard B. (See Thacker, E. M., and Munday.)
- Munder, Rushworth L., Springfield, Mass. Synchronized flash lamp and camera apparatus. 1,989,109; Jan. 29.
- Mundet, L., & Son, Inc. (See Villanyi, Charles M., assignor.)
- Mundy, Harry P., Revere, Mass. Bottom filler for shoes. 1,988,210; Jan. 15.
- Mundy, William J., Melrose Park, St. Louis County, assignor to C. T. Small Manufacturing Company, St. Louis, Mo. Capping head. 1,995,860; Mar. 26.
- Munerele, Albert. (See Boname, G., and Munerele.)
- Munford, Ellsworth H., et al. (See Mikulic, Nilos N., assignor.)
- Mungen, Theodore, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Wax applicator. 2,012,474; Aug. 27.
- Munger, L. R., trustee. (See Millican, Roy E., assignor.)
- Munget, Oscar F., Barcelona, Spain. Apparatus for submarine exploration at great depths. 1,998,165; Apr. 16.
- Municipal Appliance Company. (See Evans, Ronald C., assignor.)
- Municipal Sanitary Service Corporation. (See McEver, W. L., and Ralsch, assignors.)
- Municipal Sanitary Service Corporation. (See Ralsch, William, assignor.)
- Municipal Shoe Co. (See Gould, Richard, assignor.)
- Munk, Armando L., Zanesville, Ohio. Moisture and decorative receptacle. 2,014,976; Sept. 17.
- Munk, Max M., Washington, D. C. Page end indicator. 1,993,088; Mar. 5.
- Munkel, Adolph E., Columbus, Ohio. Beverage container. 1,986,518; Jan. 1.
- Munlock Engineering Company. (See Munson, Luther S., assignor.)
- Munn, Daniel A., Burlingame, Calif. Tool. 2,005,723; June 25.

- Munn, Henry Q., Detroit, Mich., assignor to Detroit Tap & Tool Co. Lead testing device. 2,025,215; Dec. 24.
- Munn, Henry Q., Walkerville, Ontario, Canada, assignor to Michigan Tool Company. Adjustable work carrying table. 2,003,263; May 28.
- Munn, John R., Princeton, assignor to American Gas Accumulator Company, Elizabeth, N. J. Cooking utensil. 2,008,767; July 23.
- Munoz, Alphonse W., Claymont, Del. Pneumatic valve operating mechanism. 2,014,906; Sept. 17.
- Munro, David J. (See Kimball, R. L., and Munro.)
- Munroe, Treadway B., Chicago, and C. L. Neumeister, Oak Park, assignors to The Celotex Company, Chicago, Ill. Compound unit for sound absorption. 2,007,130; July 2.
- Munschauer, Frederick E. (See Hahnemann, P. R., and Munschauer.)
- Munschauer, Frederick E., assignor to Niagara Machine & Tool Works, Buffalo, N. Y. Power shears and the like. 1,992,539; Feb. 26.
- Munschauer, Frederick E., assignor to Niagara Machine & Tool Works, Buffalo, N. Y. Clutch. 2,004,794; June 11.
- Munschauer, Frederick E., assignor to Niagara Machine & Tool Works, Buffalo, N. Y. Cushioning means for clutches. 2,011,822; Aug. 20.
- Munsell, Alexander E. O., and W. T. Spry, Baltimore, Md. Device for grading color values. 2,009,943; July 30.
- Munsingwear Corporation, The. (See Chatfield, Franklin, assignor.)
- Munson, Albert B., assignor to W. S. Rogers, Warsaw, Ind. License plate holder. 1,987,943; Jan. 15.
- Munson Bag Company, The. (See Munson, John M., assignor.)
- Munson, John K., Olympia, Wash. Self-dumping scow. 2,003,694; June 4.
- Munson, John M. (See Becker, L. A., and Munson.)
- Munson, John M., Lakewood, assignor to The Munson Bag Company, Cleveland, Ohio. Bag and making same. 2,001,934; May 21.
- Munson, Luther S., West Riverdale, Md., assignor to Munlock Engineering Company, Washington, D. C. Building wall. 2,001,469; May 14.
- Munson, Luther S., West Riverdale, Md., assignor to Munlock Engineering Company, Washington, D. C. Building wall. 2,021,133; Nov. 19.
- Munson Manufacturing Company. (See Handel, Charles E., assignor.)
- Munson, Feder, Philadelphia, Pa. Shock absorbing mechanism. 2,008,332; July 16.
- Munson Stamp Pad Co. Inc. (See Munson, Whitney K., assignor.)
- Munson, Whitney K., Orange, N. J., assignor to Munson Stamp Pad Co. Inc., New York, N. Y. Stamp pad. 2,017,508; Oct. 15.
- Münster, Paul L., and O. A. Thelin, Horten, Norway. Propeller log. 1,989,332; Jan. 29.
- Munters, Anders J. E., Stockholm, Sweden. Ice safe. 2,022,570; Nov. 26.
- Munters, Carl G., Stockholm, Sweden. Heat insulation. 2,012,617; Aug. 27.
- Munters, Carl G., Stockholm, Sweden. Heat insulation. 2,016,045; Oct. 1.
- Munters, Carl G., Stockholm, Sweden. Insulation, particularly for refrigerators or the like. 2,019,194; Oct. 29.
- Munters, Carl G., Stockholm, Sweden, assignor, by mesne assignments, to Electrolux Servel Corporation, New York, N. Y. Refrigerating system. 2,010,408; Aug. 6.
- Munters, Carl G., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Intermittent cooling system. 2,023,088; Dec. 3.
- Munters, Carl G., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,023,089; Dec. 3.
- Munters, Carl G., Stockholm, Sweden, assignor, by mesne assignments to Servel, Inc., Dover, Del. Refrigeration. 2,023,090; Dec. 3.
- Munters, Carl G., and J. G. Tandberg, Stockholm, Sweden, said Tandberg assignor to said Munters. Heat insulation. 2,023,204; Dec. 3.
- Muntz, Eric P., Hamilton, Ontario, Canada. Spreading device for concrete form work. 1,991,256; Feb. 12.
- Muntz, Eric P., Hamilton, Ontario, Canada. Tie for concrete form work. 2,016,117; Oct. 1.
- Muntael, Frederick H., Boonville, Mo. Agricultural implement. 2,005,044; June 18.
- Munumer, Candido. (See Costa, F., and Munumer.)
- Munz, Elmer G., Detroit, Mich. Rotary sprinkler. 1,999,470; Apr. 30.
- Munz, Karl. (See Drohmann, C., and Munz.)
- Munzingor, Albert M., Janesville, Wis. Bung withdrawal machinery. 2,004,211; June 11.
- Murakami, Yoshimichi, Denyenchofu, Omori-Ku, Tokyo, Japan. Manufacturing metallic materials by rotating rolls or wheels containing a molten metal between them. 2,008,626; July 16.
- Muraki, Kojiro, Aza Nishi, Otsumura, Japan. Oil burning apparatus. 1,995,861; Mar. 26.
- Muralo Company, The. (See Idlings, Carl, assignor.)
- Murawski, Victor J., Hannibal, Mo. Safety cranking device for internal combustion engines. 2,008,310; July 16.
- Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Container and processing its contents. 1,985,904; Jan. 1.
- Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Producing scroll-edged metal blanks. 1,992,962; Mar. 5.
- Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Pouring spout container. 1,993,745; Mar. 12.
- Murch, Wilfred M., assignor to The Dow Chemical Company, Midland, Mich. Preparing indanthrene blue. 1,990,954; Feb. 12.
- Murchie, Jack. (See Murchie, John T., Jr., assignor.)
- Murchie, John T., Jr., assignor to J. Murchie, Portsmouth, Ohio. Spool holder. 2,002,412; May 21.
- Murck, Knud, Brooklyn, N. Y., assignor to Charles Bruning Company, Inc. Tracing cloth and making the same. 1,988,914; Jan. 22.
- Murck, Knud, Forest Hills, N. Y., assignor to Charles Bruning Company Inc. Photographic line printing. 1,989,879; Feb. 5.
- Murck, Knud, Brooklyn, N. Y., assignor to Charles Bruning Company Inc. Method and apparatus for developing and treating sheets of sensitized paper. 2,014,744; Sept. 17.
- Murdoch, Charles I., Ann Arbor, and C. C. Cobb, Lansing, Mich. Hot air heating furnace. 2,002,295; May 21.
- Murdoch, James A., assignor to Vaughan Novelty Mfg. Co., Chicago, Ill. Bottle-cap remover. 2,018,083; Oct. 22.
- Murg, Gabriel F., Chicago, Ill. Apparatus for play. 2,021,741; Nov. 19.
- Muro, Raul D., Habana, Cuba. Closing device or cover. 2,015,761; Oct. 1.
- Muros, Joseph, Belmont, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,992,038; Feb. 19.
- Muros, Joseph, Belmont, assignor to Gillette Safety Razor Company, Boston, Mass. Protected blade and package. 2,008,513; July 16.
- Muros, Joseph, Belmont, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,009,272; July 23.
- Muros, Joseph, Belmont, assignor to Gillette Safety Razor Company, Boston, Mass. Protected blade. 2,014,977; Sept. 17.
- Murphey, Joseph W., Monroe, La. Fluid pump. 2,001,337; June 11.
- Murphey, William, Chattanooga, Tenn. Detachable elastic waistband. 2,019,924; Nov. 5.
- Murphy, Chalmers E., Cuyahoga Falls, assignor to Mile-O-Tiser, Inc., Akron, Ohio. Apparatus for vulcanizing tires. 1,996,971; Apr. 9.
- Murphy, Claude M., Ione, Wash. Winding reel for cables. 2,013,733; Sept. 10.
- Murphy, Demery A., Torrance, Calif., assignor, by mesne assignments, to The National Superior Company, Toledo, Ohio. Metallic swing joint for pipes. 2,000,346; May 7.
- Murphy, Edward A. (See Chapman, W. H., Pounder, Murphy, and Purkis.)
- Murphy, Edward A., Erdington, Birmingham, England, assignor to American Anode Incorporated, Akron, Ohio. Manufacture of articles of or containing rubber or similar material. 1,996,079; Apr. 2.
- Murphy, Edward A., Wyld Green, Birmingham, assignor to Dunlop Rubber Company, Limited, London, England. Apparatus for forming threads or filaments from aqueous dispersions of rubber or the like. 2,019,543; Nov. 5.
- Murphy, Edward A., and A. Niven, Erdington, Birmingham, England, assignors to Dunlop Rubber Company, Limited. Manufacturing rubber compositions. 1,993,276; Mar. 5.
- Murphy, Edward A., and A. Niven, Wyld Green, Birmingham, and D. F. Twiss, Erdington, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Manufacture of rubber goods. 1,993,277; Mar. 5.
- Murphy, Edward A., and D. F. Twiss, Wyld Green, Birmingham, assignors to Dunlop Rubber Company, Limited, Birmingham, England. Manufacture of rubber or similar materials. 1,993,278; Mar. 5.
- Murphy, Edward A., and E. W. Madge, Wyld Green, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Manufacture of goods containing rubber or similar materials. 1,993,279; Mar. 5.
- Murphy, Edward A., Wyld Green, Birmingham, and A. Niven, Erdington, Birmingham, assignors to Dunlop Rubber Company Limited, Birmingham, England. Manufacture of compositions containing rubber or similar materials. 1,993,280; Mar. 5.
- Murphy, Edward A., Erdington, Birmingham, F. T. Purkis, Moseley, and D. F. Twiss, Wyld Green, assignors to Dunlop Rubber Company, Ltd., Erdington, Birmingham, England. Rubber composition and making the same. 1,995,319; Mar. 26.
- Murphy, Edward A., and W. G. Gorham, Erdington, Birmingham, assignors to Dunlop Rubber Company, Limited, Erdington, England. Method and apparatus for collecting continuous lengths of material such as rubber thread. 2,010,878; Aug. 13.
- Murphy, Edward A., Erdington, and D. F. Twiss, Wyld Green, England, assignors to Dunlop Rubber Company, Limited. Rubber composition and producing the same. 2,012,727; Aug. 27.
- Murphy, Edward A., Erdington, Birmingham, F. T. Purkis, Moseley, and D. F. Twiss, Wyld Green, England, assignors to Dunlop Rubber Co. Ltd., Erdington, Birmingham, England. Composition of or containing rubber and making the same. 2,018,313; Oct. 22.

- Murphy, Edward J., Lynbrook, N. Y. Freezing apparatus. 2,003,214; May 28.
- Murphy, Edward M., Lakewood, Ohio, assignor to The American Steel and Wire Company of New Jersey. Die. 2,017,373; Oct. 15.
- Murphy, Emanuel, and V. C. Sterrett, Logansport, Ind. Burial vault. 2,026,423; Dec. 31.
- Murphy, Everett E., Newburyport, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Insole and making insoles. 2,015,760; Oct. 1.
- Murphy, Finis E., Ridgely, Tenn. Cotton sack. 2,023,642; Dec. 10.
- Murphy, Francis M. G., Chelmsford, England, assignor to Radio Corporation of America. Two-way telephone and like electrical system. 1,992,833; Feb. 26.
- Murphy, Francis M. G., Chelmsford, England, assignor to Radio Corporation of America. Automatic gain control circuits. 2,025,019; Dec. 17.
- Murphy, Frank R., assignor to J. P. Devine Manufacturing Co. Inc., Chicago, Ill. Apparatus for making laminated glass. 1,987,306; Jan. 8.
- Murphy, George B., assignor to The Atlantic Refining Company, Philadelphia, Pa. Conversion of hydrocarbon oils. 2,000,186; May 7.
- Murphy, George F., Schenectady, and H. C. Steiner, Scotia, N. Y., assignors to General Electric Company. Electric discharge device. 2,016,904; Oct. 8.
- Murphy, Harvey C., Evanston, assignor of fifty per cent to E. B. Priddy and twenty per cent to S. L. Priddy, Chicago, ten per cent to G. C. Graham, Evanston, and twenty per cent to General Engineering Works, Chicago, Ill. Method of and apparatus for preparing and supporting frozen edibles. 1,990,198; Feb. 5.
- Murphy, James A., Hamilton, Ohio. Fluid purifier. 1,995,075; Mar. 19.
- Murphy, James H., Shaker Heights, Ohio. Smoke regulator for pipe stems, cigarette and/or cigar holders, and the like. 2,017,351; Oct. 15.
- Murphy, John H., assignor to Putnam Knitting Company, Cohoes, N. Y. Making knitted fabric. 1,992,012; Feb. 19.
- Murphy, John H., assignor to Putnam Knitting Company, Cohoes, N. Y. Knitting machine. 1,998,286; Apr. 16.
- Murphy, John J., and E. L. Corbett, New York, N. Y. Toilet kit. 1,990,439; Feb. 5.
- Murphy, Lewis S., Marion, Ind., assignor to Chicago Railway Equipment Company, Chicago, Ill. Variable sign. 1,987,863; Jan. 15.
- Murphy, Lloyd T., Chattanooga, Tenn. Paper-board machine. 1,992,713; Feb. 26.
- Murphy, Orlando J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifier. 2,026,319; Dec. 31.
- Murphy, P. H., Company. (See Bonsall, Charles D., assignor.)
- Murphy, P. H., Company. (See Cralley, John T., assignor.)
- Murphy, P. H., Company. (See Gilpin, Garth G., assignor.)
- Murphy, Richard C. (See De Giers, Clarence A., assignor.)
- Murphy, Thomas A., Middletown, Conn. Roof drain. 2,013,761; Sept. 10.
- Murphy, Thomas J., Stamford, Conn. Electrical reciprocating device. 1,991,952; Feb. 19.
- Murphy, Thomas W., Bala-Cynwyd, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Relief valve. 1,995,480; Mar. 26.
- Murphy, William H., Washington, D. C. System of making observations and directing gun fire. 1,990,494; Feb. 12.
- Murray, Albert C., Wakefield, assignor by mesne assignments to American Stay Company, Boston, Mass. Shoe trimming. 1,990,461; Feb. 5.
- Murray, Albert L., Auburn, Ind. Rubber heel patching lift. 2,012,173; Aug. 20.
- Murray, Alexander, assignor to Eastman Kodak Company, Rochester, N. Y. Photomechanical color reproduction. 2,008,290; July 16.
- Murray, Arthur J. (See Adsit, F. W., and Murray.)
- Murray, Arthur T., assignor to United American Bosch Corporation, Springfield, Mass. Radio cabinet. 1,988,132; Jan. 15.
- Murray, Charles L., Waco, Tex. Automatic advertising display device. 1,997,533; Apr. 9.
- Murray Company, The. (See Woodford, Bronson C., assignor.)
- Murray Corporation, The. (See Westrope, Fred J., assignor.)
- Murray Corporation of America, The. (See Graebner, Otto F., assignor.)
- Murray Corporation of America, The. (See Haberstump, Alfred H., assignor.)
- Murray Corporation of America, The. (See Menton, Joseph B., assignor.)
- Murray Corporation of America, The. (See Northup, Amos E., assignor.)
- Murray Corporation of America, The. (See Smith, Chris E., assignor.)
- Murray Corporation of America, The. (See Vehko, James, assignor.)
- Murray Corporation of America, The. (See Westrope, Fred J., assignor.)
- Murray Corporation of America, The. (See Widman, Charles W., assignor.)
- Murray, D. J., Manufacturing Co. (See Payzer, S. D., Preston, and Staky, assignors.)
- Murray, Eric A., West Brunswick, Victoria, Australia. Steam heating system. 1,991,026; Feb. 12.
- Murray, Ernest E. (See Myers, J. W., and Murray.)
- Murray, Ethan F., assignor to Lummus Cotton Gin Company, Columbus, Ga. Adjustable inlet structure for conduits. 2,005,297; June 18.
- Murray, Frederick F., Oil City, Pa. Starting a Diesel driven locomotive. 1,995,320; Mar. 26.
- Murray, Henry L., Auckland, assignor to The Te Aroha Dairy Company, Limited, Te Aroha, New Zealand. Deodorizing, pasteurizing and concentrating fluids. 2,003,454; June 4.
- Murray, Henry L., Auckland, assignor to Te Aroha Dairy Company Limited, Te Aroha, New Zealand. Method of and apparatus for deodorizing cream, milk, and other fluids. 2,014,580; Sept. 17.
- Murray, Humphrey D., South Kensington, London, assignor of two-thirds to Douglas A. Spencer, London, and Norton & Gregory Limited, London, England. Ferroprussiate printing. 2,014,692; Sept. 17.
- Murray, Humphrey D., and D. A. Spencer, London, England. Color cinematography. 1,997,648; Apr. 16.
- Murray, James H. (See Woina, B. A., and Murray.)
- Murray, John D., Chicago, assignor to The Murray Liquefilm Corporation, Chicago, Ill. Coating of paper. 2,000,347; May 7.
- Murray, John F., executor, et al. (See Murray, Thomas E.)
- Murray, John F., executor, et al. (See Murray, T. E., and Lawrence.)
- Murray, John J., Arlington, and L. A. White, Medford, said White, assignor to Rogers Isinglass & Glue Company, Gloucester, Mass. Enamel and making same. 2,000,453; May 7.
- Murray, Joseph B., executor, et al. (See Murray, Thomas E.)
- Murray, Joseph B., executor, et al. (See Murray, T. E., and Lawrence.)
- Murray, Linwood A. (See Brown, T., and Murray.)
- Murray Liquefilm Corporation, The. (See Murray, John D., assignor.)
- Murray, Martin R., Kansas City, Mo. Apparatus for producing dry gas from liquid. 1,991,568; Feb. 19.
- Murray, May F. P., Fairfax, Va. Vanity box. 2,009,561; July 30.
- Murray Ohio Manufacturing Company, The. (See Kraefft, Herman L., assignor.)
- Murray, Peter F. (See Edwards, C., and Murray.)
- Murray, Thomas E., deceased, Brooklyn, N. Y.; J. B. Murray, T. E. Murray, Jr., and J. F. Murray, executors, assignors to Metropolitan Engineering Company. Boiler. 1,993,072; Mar. 5.
- Murray, Thomas E., Jr., Brooklyn, N. Y., assignor to Metropolitan Device Corporation. High tension fuse switch. 2,004,212; June 11.
- Murray, Thomas E., deceased, Brooklyn, and J. H. Lawrence, New York, N. Y.; said Lawrence assignor of his entire right to said Murray, J. B. Murray, T. E. Murray, Jr., and J. F. Murray, executors, assignors to Metropolitan Engineering Company. Boiler and the like. 1,993,071; Mar. 5.
- Murray, Thomas E., Jr., executor, et al. (See Murray, Thomas E.)
- Murray, Thomas F., Jr. (See Staud, C. J., and Murray.)
- Murray, Thomas F., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose acetate composition containing paraffinyl acetophenone. 2,019,720; Nov. 5.
- Murray, Thomas F., Jr., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Hydrolysis of cellulose esters. 2,005,383; June 18.
- Murray, Thomas F., Jr., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of mixed esters of cellulose. 2,024,658; Dec. 17.
- Murray, Thomas O., Chicago, Ill. Suspenders. 1,986,519; Jan. 1.
- Murrell, Manuel L., Santa Monica, Calif. Lighting system for beds. 1,991,111; Feb. 12.
- Murry, James W., Fairmont, W. Va. Mounting of oscillating apparatus. 1,993,615; Mar. 5.
- Murtaugh, Joseph P., Chicago Heights, assignor to American Manganese Steel Company, Chicago, Ill. Excavating implement door. 1,989,818; Feb. 5.
- Muscat, Lazarus, assignor to American Metals Corporation, Brooklyn, N. Y. Dross skimmer. 2,013,005; Sept. 3.
- Muschong, Peter J., P. Parr, and J. W. Oberbeck, assignors to United Wood Heel Company, St. Louis, Mo. Shoe-heel-concaving machine. 2,019,269; Oct. 29.
- Musebeck, George E., assignor to Musebeck Shoe Company, Danville, Ill. Shoe. 2,014,628; Sept. 17.
- Musebeck Shoe Company. (See Musebeck, George E., assignor.)
- Musgrave, Joseph L. (See Williams, S. A., and Musgrave.)
- Musgrave, Joseph L., and L. J. Fowler, London, England. Apparatus for manufacture of electric heating panels or the like. 1,993,348; Mar. 5.
- Musgrave, Joseph L. and S. C. Mount, London, England. Installation of electrical conductors. 2,007,610; July 9.
- Musgrave, Mark, Pittsburg, Kans., assignor to Vanita H. Musgrave, Springfield, Ohio. Grinding apparatus. 2,022,819; Dec. 3.
- Musgrave, Mark, Pittsburg, Kans., assignor to V. H. Musgrave, Springfield, Ohio. Brake tester. 2,023,643; Dec. 10.

- Musgrave, Vanita H. (See Musgrave, Mark, assignor.)
 Musgrave, William E., Chicago, Ill. Eraser attachment for lead pencils. 1,998,684; Apr. 23.
 Musick, Harry F., Los Angeles, Calif. Reenforced shopping bag. 1,986,743; Jan. 1.
 Muskat, Irving E., Pittsburgh, Pa., assignor to Gulf Research & Development Corporation, Wilmington, Del. Treating wells. 2,010,409; Aug. 6.
 Muskat, Irving E., Pittsburgh, Pa., assignor to Gulf Research & Development Corporation, Wilmington, Del. Selective shutting off of water flow in oil wells. 2,016,118; Oct. 1.
 Musket, Peter P. (See Fischer, H. G., Musket, and Osborn.)
 Musket, Peter P. (See Fischer, H. G., Musket, and Richardson.)
 Mussells, George A., Reading, Mass. Sole press. 2,018,684; Oct. 29.
 Musselman, Alvin J., Cuyahoga Falls, Ohio. Brake. 1,990,876; Feb. 12.
 Musselman, Alvin J., Cuyahoga Falls, Ohio. Tire and making the same. 2,015,459; Sept. 24.
 Musselman, Henry E., assignor to Atlas Press Company, Kalamazoo, Mich. Wheel alignment testing device. 1,988,327; Jan. 15.
 Musselman, John M., assignor to The Standard Oil Company, Cleveland, Ohio. Dewaxing lubricating oil. 2,014,629; Sept. 17.
 Musselman, John M., assignor to The Standard Oil Company, Cleveland, Ohio. Refining lubricating oil. 2,020,954; Nov. 12.
 Musser, Clair O., assignor to J. C. Deagan Inc., Chicago, Ill. Foldable musical instrument frame. 2,021,080; Nov. 12.
 Musser, Ralph J. (See Brown, F. D., and Musser.)
 Mussey, William H., and M. P. Blomberg, Chicago, Ill., assignors, by mesne assignments, to Pullman-Standard Car Manufacturing Company. Balanced draft gear. 2,024,868; Dec. 17.
 Mussler, Frank H., Stratford, Conn., assignor to The Bullard Company. Forming attachment. 2,015,120; Sept. 24.
 Mussler, Frank H., Stratford, Conn., assignor to The Bullard Company. Locking device. 2,015,121; Sept. 24.
 Mussy, René, Hempstead, N. Y. Hair curler. 2,005,662; June 18.
 Mustard, Oscar J., Pocahontas, assignor of one-half to P. Royall, Tazewell, Va. Tag holder for mine cars. 2,000,896; May 7.
 Muster, Gerald F., Elmhurst, N. Y. Packing. 2,006,602; July 2.
 Musto, William V., North Bergen, N. J. Refrigerating system. 2,013,167; Sept. 3.
 Muszynski, Antoni, Easthampton, Mass. Oil burner apparatus. 2,024,776; Dec. 17.
 Mutch, George A., Belleville, N. J. Massage device. 1,994,781; Mar. 19.
 Mutchler, Henry J., Stayton, Oreg. Tire opener. 1,990,811; Feb. 12.
 Mutchler, Maurice E., Buffalo, N. Y. Internal combustion engine. 1,996,211; Apr. 2.
 Mutersbaugh, Gordon H. (See O'Brien, W. J., and Mutersbaugh.)
 Muth, Friedrich. (See Putzer, B., and Muth.)
 Muth, Friedrich. (See Thomae, H., Modersohn, Müller, and Muth.)
 Muth, Friedrich, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Hydroxycarbazole compounds. 1,999,341; Apr. 30.
 Muth, Herbert, and W. Runge, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillation generator. 2,004,171; June 11.
 Muth, John E., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Denaturant for fats and fatty oils. 2,025,954; Dec. 31.
 Muth, Thomas H., Paterson, N. J. Golf practice apparatus. 2,014,145; Sept. 10.
 Mutsaers, Johannes P. M., Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge device. 2,010,879; Aug. 13.
 Mutscheller, Arthur, New York, N. Y., assignor to Wappler Electric Company. X-ray apparatus. 1,987,790; Jan. 15.
 Mutscheller, Arthur, New York, N. Y., assignor to Westinghouse X-Ray Company, Inc. Polyphase X-ray system. 2,013,390; Sept. 3.
 Mutzfeld, Paul B. (See Dull, W. N., and Mutzfeld.)
 Myrvin, John, Chicago, Ill. Windshield heater. 2,016,019; Oct. 1.
 Muxworthy, Robert D., Medicine Hat, Alberta, Canada. Antirattle device. 1,986,744; Jan. 1.
 Muziczka, Georg, Fischern, Czechoslovakia, and E. Heinrich, Selb, Germany. Pantograph. 1,994,401; Mar. 12.
 Muzzio, James A., Madison, Ohio. Egg separator. 2,000,472; May 7.
 Myard, Francis E., Paris, France. Universal constant speed joint. 2,026,244; Dec. 31.
 Myer, Henry C., Denver, Colo. Railway crosstie. 2,016,724; Oct. 8.
 Myers, Alfred. (See Hall, J. H., Kay, and Myers.)
 Myers, Edward C., Wauwatosa, Wis. Rubber covered flexible track. 2,025,999; Dec. 31.
 Myers, Elias G., Toledo, Ohio, assignor to The Myers-Sherman Company, Chicago, Ill. Mixing. 2,023,644; Dec. 10.
 Myers, Elman B., Norristown, Pa. Rotary grinding apparatus. 1,995,549; Mar. 26.
 Myers, Eugene V. (See Barker, Seeman W., assignor.)
 Myers, Eugene V., East Orange, N. J. Safety belt or the like. 2,000,980; May 14.
 Myers, Frank L., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Air filter system. 1,999,142; Apr. 23.
 Myers, Guy M., Clarendon, Va., assignor to The Standard Stoker Company, Incorporated. Locomotive tender and stoker mechanism. 1,992,088; Feb. 19.
 Myers, George F., New York, N. Y. Method and apparatus for launching seaplanes. 2,020,324; Nov. 12.
 Myers, George F., New York, N. Y. Flying machine. 2,022,476; Nov. 26.
 Myers, Harold L., Morristown, N. J. Container. 2,024,832; Dec. 17.
 Myers, Harold L., Morristown, N. J. Display device. 2,025,522; Dec. 24.
 Myers, Harry L., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Portable sander-plane. 2,000,784; May 7.
 Myers, Harry L., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Road surfacing machine. 2,014,186; Sept. 10.
 Myers, Harry L., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Abrading shaft mounting. 2,020,157; Nov. 5.
 Myers, Herschel R., Martinsville, Ind. Striping tool. 1,993,975; Mar. 12.
 Myers, Hubert A., Toledo, Ohio. Balloon printing machine. 1,988,662; Jan. 22.
 Myers, Hubert A., Toledo, Ohio. Method and machine for printing articles. 2,016,450; Oct. 8.
 Myers, Jett E., St. Louis, Mo. Fountain. 1,988,133; Jan. 15.
 Myers, John B., Lakewood, Ohio. Measuring and dispensing container. 2,018,278; Oct. 22.
 Myers, John B., Lakewood, Ohio. Measuring and dispensing device. 2,023,537; Dec. 10.
 Myers, John W., Roanoke, Va., assignor to The Standard Stoker Company, Incorporated. Stoker conveyer. 1,993,302; Mar. 5.
 Myers, John W., Roanoke, Va., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 1,993,303; Mar. 5.
 Myers, John W., Roanoke, Va., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 1,993,304; Mar. 5.
 Myers, John W., Roanoke, Va., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 1,993,305; Mar. 5.
 Myers, John W., Roanoke, Va., assignor to The Standard Stoker Company, Incorporated. Mechanical stoker. 1,993,306; Mar. 5.
 Myers, John W., Roanoke, Va., assignor to The Standard Stoker Company, Incorporated. Locomotive and tender. 2,003,455; June 4.
 Myers, John W., Roanoke, Va., assignor to The Standard Stoker Company, Incorporated, New York, N. Y. Locomotive stoker. 2,007,095; July 2.
 Myers, John W., Roanoke, Va., assignor to The Standard Stoker Company, Incorporated, New York, N. Y. Locomotive stoker. 2,013,474; Sept. 3.
 Myers, John W., Roanoke, Va., assignor to The Standard Stoker Company, Incorporated, New York, N. Y. Mechanical stoker. 2,022,895; Dec. 3.
 Myers, John W., Roanoke, Va., assignor to The Standard Stoker Company, Incorporated, New York, N. Y. Locomotive stoker. 2,026,397; Dec. 31.
 Myers, Joseph C. (See Uhlmann, H. B., and Myers.)
 Myers, Joseph W., Philadelphia, Pa., and E. E. Murray, Jackson, Mich. Radio station selector. 1,989,558; Jan. 29.
 Myers, Joseph W., assignor to Proctor & Schwartz Electric Co., Philadelphia, Pa. Flatiron. 1,999,107; Apr. 23.
 Myers, Joseph W., assignor to Proctor & Schwartz Electric Co., Philadelphia, Pa. Signal device. 2,006,509; July 2.
 Myers, Joseph W., Jackson, Mich., assignor to Radio Corporation of America, New York, N. Y. Apparatus for controlling the intensity of electrical oscillations. 2,012,433; Aug. 27.
 Myers, Joseph W., Philadelphia, Pa., and W. H. Ginder, Haddonfield, N. J., assignors to Proctor & Schwartz Electric Co., Philadelphia, Pa. Flatiron lift stand. 2,019,431; Oct. 29.
 Myers, Joseph W., Philadelphia, Pa., and C. E. Atkins, Jackson, Mich., assignors to Radio Corporation of America, New York, N. Y. Output regulator. 2,022,477; Nov. 26.
 Myers, Leslie R., Eagle Rock, and O. Mayer, assignors to Roy A. Barr, Whittier, Calif. Brake tool. 2,016,574; Oct. 8.
 Myers, Lewis C., Freeport, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,007,611; July 9.
 Myers, Lloyd D., Minneapolis, Minn. Animal trap. 2,003,513; June 4.
 Myers, Roy A., St. Paul, Minn. Mop head holder. 2,005,904; June 25.
 Myers, Russell A., Oklahoma City, Okla. Apparatus for heating floors and rooms. 1,995,481; Mar. 26.

- Myers, Samuel E., assignor of fifty-one per cent to A. Y. Milam, Jacksonville, Fla. Carburetor. 2,014,907; Sept. 17.
- Myers-Sherman Company, The. (See Myers, Elias G., assignor.)
- Myers-Sherman Company, The. (See Sherman, Ralph L., assignor.)
- Myers, Shierfield G., Freeport, and E. W. Chafee, Brooklyn, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Fire control computer. 1,999,368; Apr. 30.
- Myers, Sulvurnus C., Jr., assignor of one-fifth to L. G. Shapiro, Williamsport, Pa. Rope die. 1,993,110; Mar. 5.
- Myers, Thomas B., assignor to Hamilton Beach Manufacturing Company, Racine, Wis. Motor driven beater. 2,012,516; Aug. 27.
- Myers, Thomas G., assignor to U. S. Electrical Manufacturing Company, Los Angeles, Calif. Automatic oiler. 1,990,305; Feb. 5.
- Myers, Thomas G., Los Angeles, assignor, by mesne assignments, to Food Machinery Corporation, San Jose, Calif. Oiling device for deep well pumps. 2,014,661; Sept. 17.
- Myers, Thomas L., Phoenix, Ariz. Theft preventer for gasoline tanks. 1,995,007; Mar. 19.
- Myers, Walter, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating system for sewing machines. 1,998,588; Apr. 23.
- Myers, Walter, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Differential feeding mechanisms for sewing machines. 1,988,806; Jan. 22.
- Myers, Walter, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feed-off-arm sewing machine. 1,999,978; Apr. 30.
- Myers, Walter H., Wollstonecraft, New South Wales, Australia. Electric cooking stove and the like. 2,000,413; May 7.
- Myers, Walter H., Philadelphia, Pa. Brake drum truing device. 2,011,940; Aug. 20.
- Myers, William A., Springfield, assignor to The Atlantic Refining Company, Philadelphia, Pa. Separation of liquids from vapors or gases. 1,987,630; Jan. 15.
- Mygland, Arne, Fjotland, near Flekkerfjord, Norway. Ring shuttle reel for sewing machines. 2,002,609; May 28.
- Myhren, Arne J. (See Stutz, G. F. A., and Myhren.)
- Myhren, Arne J., and B. Marquis, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Producing precipitates. 2,020,325; Nov. 12.
- Myhren, Arne J., and B. Marquis, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Apparatus for mixing liquids and gases. 2,020,850; Nov. 12.
- Myhren, Arne J., and B. Marquis, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Manufacture of zinc sulphide pigment. 2,020,902; Nov. 12.
- Mylting, Lauritz E., Hoboken, N. J. Remote control system. 2,010,271; Aug. 6.
- Myntti, Eemu A., Helsinki, Finland. Cuff device. 2,018,187; Oct. 22.
- Myrtle Althimer. (See Althimer, Ben, assignor.)
- N & H Spreaders, Inc. (See Naber, Claude H., assignor.)
- N. V. Internationale Alfot Maatschappij. (See Schmidt, Ernst, assignor.)
- N. V. Internationale Suiker En Alcohol Compagnie. (See Koch, Frederich, and H., assignors.)
- N. V. Machinerieën-en Apparaten Fabrieken, "Meaf". (See Dillenbach, Walter, assignor.)
- N. V. Machinerieën-en Apparaten Fabrieken "Meaf". (See Holm, Waldemar, assignor.)
- N. V. Machinerieën-en Apparaten Fabrieken "Meaf". (See Müller, Fritz, assignor.)
- N. V. Machinerieën-en Apparaten Fabrieken "Meaf". (See Salnikoff, Wadim, assignor.)
- N. V. Machinerieën-en Apparaten Fabrieken "Meaf". (See von Schutz, Friedrich, assignor.)
- N. V. Naamlooze Vennootschap Athano. (See Bikkers, Alexander, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Boessenkool, Helmich W., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Bouwers, Albert, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See de Boer, J. H., and Dippel, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Dippel, Cornelis J., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Holst, G., and van Arkel, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Houtman, Jacobus M., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Jonas, G. B., and Esseling, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Klinkhamer, Hendrik A. W., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Mulder, Johannes G. W., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Mulder, J. G. W., and van der Horst, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Muller, J. G. W., and van der Tuuk, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Six, W., and Vermeulen, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Six, W., Vermeulen and de Jong, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See van de Ven, Johannes, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See van der Willigen, P. C., de Boer, and Dippel, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See van Geel, W. C., and Emmens, assignors.)
- N. V. "Soloplot", Ingenieur-Bureau tot Exploitatie van het System Polysius. (See Lellep, Otto, assignor.)
- N. V. Stikstofbindingsindustrie "Nederland". (See König, Hermann, T. J., assignor.)
- N. V. Vernis-, Verf-En Japanlakkfabrieken Herman A. Schreuder & Co. (See Bakker, Lodewijk, assignor.)
- N. & W. Overall Company, Inc. (See Turner, Lawson W.)
- Naamlooze Vennootschap, Chemische Fabriek L. van der Grinten. (See van der Grinten, Lodewijk P. F., assignor.)
- Naamlooze Vennootschap de Bataafsche Petroleum Maatschappij. (See Reynhart, A. F. A., assignor.)
- Naamlooze Vennootschap Fabriek van Chemische Producten. (See Jurling, Jan G., assignor.)
- Naamlooze Vennootschap Irma Industrie en Ruwmaterialen Maatschappij. (See Klinger, Karl, assignor.)
- Naamlooze Vennootschap Koninklijke Maatschappij De Schelde. (See van Dartelen, Johannes, assignor.)
- Naamlooze Vennootschap: Maatschappij tot Exploitatie van "ten Bosch Octrooien, N. V." See ten Bosch, NJzn, Abraham, assignor.)
- Naamlooze Vennootschap-Nederlandsche Springstoffenfabrieken. (See deBruin, Gerrit, assignor.)
- Naamlooze Vennootschap Smeitboring. (See Aerts, C. J. G., and Mekel, assignors.)
- Nabenhauer, Fred P., assignor to Smith, Kline & French Laboratories, Philadelphia, Pa. Oleate of benzyl carbinamines. 2,015,408; Sept. 24.
- Naber, Claude H., assignor to N & H Spreaders, Inc., Hamburg, N. Y. Road spreader. 2,006,473; July 2.
- Naccarato, Tony, South Whittier, Calif. Bushing extractor. 2,013,923; Sept. 10.
- Nachod & United States Signal Co. (See Richterkesing, Frank H., assignor.)
- Nachman Spring-Filled Corporation. (See Hanauer, Darwin, assignor.)
- Nachtman, John S., Warren, Ohio. Plating steel. 1,991,817; Feb. 19.
- Nachumsohn, Irving, Chicago, Ill. Sign. 2,006,999; July 2.
- Nachumsohn, Irving, assignor to Naxon Corporation, Chicago, Ill. Sign. 2,023,282; Dec. 5.
- Nacken, Walther, Gruna, near Chemnitz, Germany. Multiple wire drawing machine. 1,999,942; Apr. 30.
- Nacker, Owen M., Pleasant Ridge, assignor to General Motors Corporation, Detroit, Mich. Front motor support. 2,022,184; Nov. 26.
- Nacker, Owen M., and M. Olley, Pleasant Ridge, assignors to General Motors Corporation, Detroit, Mich. Chassis construction. 1,996,824; Apr. 9.
- Nadeau, Gale F. (See Malm, C. J., and Nadeau.)
- Nadeau, Gale F. (See Malm, C. J., Nadeau, and Diesel.)
- Nadig, Francis H., Chicago, Ill. Floor cleaner. 2,003,215; May 28.
- Nadig, Francis H., Chicago, Ill. Floor cleaning machine. 2,003,216; May 28.
- Nagai, Alexander, heir. (See Nagai, Chogi.)
- Nagai, Chogi, deceased, late of Shibuya-Machi, Toyotama-Gun, Tokyo, Japan, by A. Nagai, heir, Berlin, Germany. Synthetically producing ephedrin homologue and its salts. 2,011,454; Aug. 13.
- Nagao, Kinya, Fukazawamachi, Satagaya District, Tokyo, Japan. Filtering apparatus. 2,021,081; Nov. 21.
- Nagashev, Boris V., Lynnfield, Mass. Signal controlling apparatus. 1,999,661; Apr. 30.
- Nagel, Armin H., assignor to Abholoid Novelty Co., Chicago, Ill. Belt buckle. 2,020,371; Nov. 12.
- Nagel, Howard K., Seymour, Wis. Hydraulic puller. 2,003,756; June 4.
- Nagel, Ray H. (See Groggins, Philip H.)
- Nagel, Ray H. (See Groggins, P. H., and Nagel.)
- Nagel, Robert E., assignor to Universal Oil Products Company, Chicago, Ill. Automatic liquid level control. 1,994,252; Mar. 12.
- Nagel, Theodore, Brooklyn, N. Y., assignor to Carburetted Gas, Inc. Gas process. 1,996,167; Apr. 2.
- Nagel, Theodore, Brooklyn, N. Y., assignor to Carburetted Gas, Inc. Producing fuel gas. 2,002,863; May 28.
- Nagel, William G., and L. E. Sevison, Toledo, Ohio, said Sevison assignor to said Nagel. Variable reactor. 2,013,106; Sept. 3.
- Nagin, Harold, Pittsburgh, assignor to Reliance Steel Products Company, Rankin, Pa. Concrete slab or like structure and reinforcing therefor. 1,994,829; Mar. 19.
- Nagin, Harry, Pittsburgh, Pa. Grating and grating bar and fabricating gratings. 2,006,929; July 2.
- Nagl, Carl J., Omaha, Nebr., assignor to Northam Warren Corporation, New York, N. Y. Brush. 2,011,072; Aug. 13.
- Nagl, Carl J., assignor to U. S. Brush Company of Omaha, Omaha, Nebr. Brush. 2,023,434; Dec. 10.
- Nagl, Carl J., and B. E. Scanlon, Omaha, Nebr., assignors to Northam Warren Corporation, New York, N. Y. Brush. 2,009,899; July 30.
- Nagle, Fredrick C., Shreveport, La. Gyve. 2,006,743; July 2.

- Nagle, Peter J. (See Englert, Walter J., assignor.)
- Nagle, Wesley M., Cambridge, Mass. Surface condenser. 1,995,361; Mar. 26.
- Nagy, Louis, assignor of one-half to Stephen F. Halach, Detroit, Mich. Safety razor. 1,999,200; Apr. 30.
- Nagy, Nándor, Budapest, Hungary, assignor to firm, Koh-i-noor Bleistiftfabrik L. & C. Hardtmuth, Bohm-Budweis, Czechoslovakia. Propelling pencil. 1,997,496; Apr. 9.
- Nahigyan, Kevork K. (See Rich, C. H., and Nahigyan.)
- Naidor, George P., New York, N. Y. Slipper and making same. 2,016,788; Oct. 8.
- Naikelis, Stanley. (See Heintz, J. S., and Naikelis.)
- Naisuler, Harry E., Whitman, Mass. Plate glass mounting. 2,026,138; Dec. 31.
- Naisuler, Harry E., Whitman, and G. Milazzo, Boston, Mass., said Milazzo assignor to National Fire Door and Copper Store Front Company. Plate glass mounting. 2,026,139; Dec. 31.
- Nakane, Takashi, Yokohama, Japan, assignor to The B. F. Goodrich Company, New York, N. Y. Flexible hose. 1,994,587; Mar. 19.
- Nakanishi, Kinsaku, Hakata, Fukuoka, Japan. Selective controlling device for electrically operated brocade looms. 2,020,429; Nov. 12.
- Nakashian, Luke L., Worcester, Mass. Automatic accelerating clutch. 1,994,588; Mar. 19.
- Nakashian, Luke L., Worcester, Mass. Automatic power coupling and cut-off. 2,010,925; Aug. 13.
- Nakazawa, Haruo. (See Yamaguchi, Y., and Nakazawa.)
- Nakken Patent Corporation. (See Nakken, Theodor H., assignor.)
- Nakken, Theodor H., Forest Hills, N. Y., assignor to Nakken Patents Corporation. Light coupled projector. 1,987,205; Jan. 8.
- Nakken, Theodor H., Bronx, assignor to Nakken Patent Corporation, New York, N. Y. Television system. 1,991,409; Feb. 19.
- Nakken, Theodor H., New York, N. Y., assignor to Nakken Patents Corporation. Apparatus and method for recording sound accurately. 1,993,616; Mar. 5.
- Nall, Elmer L. (See Reynolds, Henry T., assignor.)
- Nall, Elmer L., Chicago, Ill. Fluid dispensing device. 2,002,610; May 28.
- Nall, Elmer L., Chicago, Ill. Liquid dispensing device. 2,002,611; May 28.
- Nall, Elmer L., Wheaton, Ill. Liquid dispenser. 2,010,030; Aug. 6.
- Nall, Harry G., Sydney, New South Wales, Australia. Lawn mower. 2,000,143; May 7.
- Nalle, John M., Fairfield, Conn., assignor to American Chain Company, Inc. Shock absorber. 1,992,232; Feb. 26.
- Nalle, John M., Hollywood, Calif., assignor to American Chain Company, Inc. Controlling oscillations of springs. 2,008,291; July 16.
- Nanfaldt, William, Clifton, assignor to World Bestos Corporation, Paterson, N. J. Heat derivative of China-wood oil. 1,998,768; Apr. 23.
- Nanfaldt, William, Clifton, assignor to World Bestos Corporation, Paterson, N. J. Brake lining with metallic lubrication. 2,001,539; May 14.
- Nantz, Merle E., Berkeley, Calif. Mixing device. 2,017,867; Oct. 22.
- Napier Company, The. (See Fontan, LeRoy H., assignor.)
- Napier Co., The. (See Rettenmeyer, Frederick W., assignor.)
- Napier Company, The. (See Werfel, Harry A., assignor.)
- Napier, D. & Son limited. (See Vigers, Ronald W., assignor.)
- Napier, Eugene V., Wichita Falls, Tex. Safety switch. 2,014,050; Sept. 10.
- Napier, George R., Cleveland Heights, Ohio. Monorail vehicle. 1,986,845; Jan. 8.
- Naramore, William W., Bridgeport, Conn. Display device. 2,013,286; Sept. 3.
- Narath, Albert, Berlin, Germany, assignor to General Electric Company. Film splicing. 2,021,016; Nov. 12.
- Nardone, Romeo M., Orange, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Internal combustion engine. 1,990,206; Feb. 5.
- Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 1,991,112; Feb. 12.
- Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,002,413; May 21.
- Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting apparatus. 2,003,456; June 4.
- Nardone, Romeo M., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Transmission. 2,005,843; June 25.
- Nardone, Romeo M., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Abruptly releasable clutch mechanism. 2,012,087; Aug. 20.
- Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Automatic transmission. 2,014,662; Sept. 17.
- Nardone, Romeo M., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine starter. 2,024,109; Dec. 10.
- Nardone, Romeo M., Newark, N. J., assignor to Eclipse Machine Company, Elmira Heights, N. Y. Engine starting mechanism. 2,024,659; Dec. 17.
- Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Starter mechanism. 2,025,884; Dec. 31.
- Nardone, Romeo M., and F. Linder, assignors, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Transmission. 2,016,835; Oct. 8.
- Nardulli, Michael J. (See Nardulli, Peter F. and M. J.)
- Nardulli, Peter F. and M. J., Chicago, Ill. Machine for cleaning window shades. 2,005,199; June 18.
- Naret, Paul, Chiswick, London, England. Stopper for non-refillable bottles. 2,009,672; July 30.
- Narkiewicz, Joseph. (See Taylor, J. H., and Narkiewicz.)
- Narodick, Nathaniel, assignor, by mesne assignments, to Oliver C. Ritz-Woller, Chicago, Ill. Electric iron and stand. 2,011,823; Aug. 20.
- Narrow Fabric Company, The. (See Chace, John E., assignor.)
- Narrow Fabric Company, The. (See Huber, Otto E., assignor.)
- Narrow Fabric Company. (See Ischinger, Alfred E., assignor.)
- Narrownap Folding Machine Company. (See Bourdes, A. A., and Yiakoumelos, assignors.)
- Naruse, Kunimaro, Tairen, Japan. Preparing food for silk worms. 1,990,343; Feb. 5.
- Naruse, Tomisaburo, Uchiyamashita-cho, Kojimachi-Ku, Tokyo, Japan. Method to frost the inner surface of a glass bulb for electric lamps. 1,997,375; Apr. 9.
- Narvesen, Frederick C. (See Kothay, G. L., and Narvesen.)
- Narvesen, Frederick C., East Rockaway, and M. F. Bates, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyrovertical. 2,018,735; Oct. 29.
- Nash, Clarence A., North Caldwell, and R. S. Daniels, Newark, N. J., assignors to Bakelite Corporation, New York, N. Y. Cold molding composition and its manufacture. 1,989,243; Jan. 29.
- Nash, Henry E., assignor to Hercules Powder Company, Wilmington, Del. Delay cap. 1,999,820; Apr. 30.
- Nash, James R. (See Utterback, W. B., Nash, and Munce.)
- Nash, Michael J., St. Louis, Mo. Mixer. 2,013,247; Sept. 3.
- Nash, Robert J., Birmingham, England, assignor to Dunlap Tire and Rubber Corporation, Buffalo, N. Y. Racket tire. 1,989,766; Feb. 5.
- Nashua River Paper Company. (See Thompson, Herbert L., assignor.)
- Nasmith, John W., Manchester, England. Combing machine. 2,005,001; June 18.
- Nason, Francis A., assignor, by mesne assignments, to The Lubri-Zol Corporation, Cleveland, Ohio. Hose reel. 1,993,617; Mar. 5.
- Nason, Horace E. (See Drake, C. W., and Nason.)
- Nason, R. N. & Co. (See Vaughn, Albert E., assignor.)
- Näss, Hallvard, Moss, Norway, assignor to Magnus Björnald, Jersey City, N. J. Combination hand and machine gas cutting apparatus. 2,018,378; Oct. 22.
- Nastz, William F., R. E. Eckert, and J. Barnes, Oneonta, N. Y. Balanced check valve. 1,998,056; Apr. 16.
- Nathan Forgings and Machining Corporation. (See Sachs, Bruno, assignor.)
- Nathan, George, Buffalo, N. Y. Ray tinting device. 2,009,145; July 23.
- Nathan, Isadore, et al. (See Katz, Herman S., assignor.)
- Nathan, Leopold, Zurich, Switzerland, and Gérald Opekar, Soerabaja, Java, assignors to Hansena A.-G., Glarus, Switzerland. Elimination of the immature odoriferous constituents in brewing. 1,988,954; Jan. 22.
- Nathan Manufacturing Company. (See Folke, Bengt E., assignor.)
- Nathan, Tracy D., and A. B. Merrill, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Applying insulation to a fluid conduit and apparatus therefor. 2,016,905; Oct. 8.
- Nathans, Robert R., Chicago, Ill. Eyelash applicator and curler. 2,022,896; Dec. 3.
- Nathansohn, Alexander, Berlin-Wilmersdorf, Germany. Manufacture of paper and the like. 1,996,707; Apr. 2.
- National Acme Company, The. (See Drissner, Alfred E., assignor.)
- National Acme Company, The. (See Drissner, A. E., and Hogg, assignors.)
- National Acme Company, The. (See Garey, Charles Q., assignor.)
- National Acme Company, The. (See Hogg, William J., assignor.)
- National Adhesives Corporation. (See Fuller, Arthur D., assignor.)
- National Airoil Burner Company. (See Ferguson, William, assignor.)
- National Alloy Steel Company. (See Ornitz, Nathaniel B., assignor.)
- National Aluminate Corporation. (See Carter, W. K., and Duncombe, assignors.)
- National Aluminate Corporation. (See Evans, W., Fink, and Kern, assignors.)
- National Aluminum Corporation. (See McKinley, J. M., and Carter, assignors.)
- National Aniline Chemical Company. (See Cotton, William J., assignor.)
- National Aniline & Chemical Company. (See Croakman, Elmer G., assignor.)

- National Aniline & Chemical Co. (See Davis, Archibald H., assignor.)
- National Aniline & Chemical Company. (See Davis, Archibald H., Jr., assignor.)
- National Aniline & Chemical Company. (See Flett, Lawrence H., assignor.)
- National Aniline and Chemical Company. (See Horton, Lyman, assignor.)
- National Aniline & Chemical Company. (See Hutchinson, William McN., assignor.)
- National Aniline and Chemical Company. (See Jewett, Joseph E., assignor.)
- National Aniline & Chemical Company. (See Kiernan, Harry G., assignor.)
- National Aniline and Chemical Company. (See Kimmel, Spencer C., assignor.)
- National Aniline & Chemical Company. (See Kyrides, Lucas P., assignor.)
- National Aniline & Chemical Company. (See Lauer, Luther M., assignor.)
- National Aniline & Chemical Company. (See Mow, Harold G., assignor.)
- National Aniline & Chemical Company. (See Riegler, Riewen, assignor.)
- National Aniline and Chemical Company. (See Rogers, Donald G., assignor.)
- National Aniline and Chemical Company. (See van Dongen, Dick W., assignor.)
- National Aniline and Chemical Company. (See Wood, Robert O., assignor.)
- National Aniline and Chemical Company. (See Zwilgmeyer, Frithjof, assignor.)
- National Aniline & Chemical Co. Inc. (See Flett, Lawrence H., assignor.)
- National Aniline & Chemical Co. Inc. (See Hess, Raymond W., assignor.)
- National Aniline and Chemical Company, Inc. (See Jewett, Joseph E., assignor.)
- National Aniline & Chemical Company, Inc. (See Kranz, Frederick H., assignor.)
- National Aniline & Chemical Company, Inc. (See Payne, Ralph B., assignor.)
- National Aniline & Chemical Co. Inc. (See Riegler, Riewen, assignor.)
- National Aniline & Chemical Co. Inc. (See Thornton, Irving T., assignor.)
- National Automatic Doughnut Machine Company. (See Toews, Peter J., assignor.)
- National Automatic Tool Company. (See Opel, Earl E., assignor.)
- National Automotive Fibres, Inc. (See Mitchell, Allister S., assignor.)
- National Bank of Hungary. (See von Heinrich, Friedrich, assignor.)
- National Battery Company. (See Goodrich, G. N., and Reetz, assignors.)
- National Battery Company. (See Reetz, Carl G., assignor.)
- National Bearing Metals Corporation. (See Vigne, Albert, assignor.)
- National Biscuit Company. (See Davidson, Bruce J., assignor.)
- National Biscuit Company. (See Davidson, B. J., and Chappoty, assignors.)
- National Blank Book Company. (See Schade, Frank S., assignor.)
- National Blank Book Company. (See Schade, John, assignor.)
- National Biscuit Company. (See Marresford, Eugene F., assignor.)
- National Brake Company. (See Mersereau, Everard C., assignor.)
- National Brake Company. (See Miller, F. D., and Mersereau, assignors.)
- National Bread Wrapping Machine Co. (See Hoppe, William, assignor.)
- National Bread Wrapping Machine Co. (See Poulin, Edmund E., assignor.)
- National Broach & Machine Company. (See Drummond, Robert S., assignor.)
- National Can Company. (See Hopkins, Arthur G., assignor.)
- National Carbon Company. (See Adamski, Frank A., assignor.)
- National Carbon Company. (See Broadwell, B. E., and Werking, assignors.)
- National Carbon Company. (See Graubner, Herman G., assignor.)
- National Carbon Company. (See Heise, G. W., and Schumacher, assignors.)
- National Carbon Company Inc. (See Rhein, O., and Clemenson, assignors.)
- National Carbon Company. (See Schumacher, E. A., Hamister and Heise, assignors.)
- National Carbon Company, Inc. (See Smith, Carleton N., assignor.)
- National Carbon Company. (See Smith, C. N., and Chaney, assignors.)
- National Cash Register Company, The. (See Christian, Raymond A., assignor.)
- National Cash Register Company, The. (See Falkner, Carl G., assignor.)
- National Cash Register Company, The. (See Frank, John P., assignor.)
- National Cash Register Company, The. (See Fuller, Frederick L., assignor.)
- National Cash Register Company. (See Goldberg, Maximilian M., assignor.)
- National Cash Register Company, The. (See Green, Charles W., assignor.)
- National Cash Register Company, The. (See Hofgaard, Rolf, assignor.)
- National Cash Register Company, The. (See K  mmling, Leo G. A., assignor.)
- National Cash Register Company, The. (See Lee, Charles L., assignor.)
- National Cash Register Company, The. (See Lehman, Laurence N., assignor.)
- National Cash Register Company, The. (See Lupton, A. S., and Kropff, assignors.)
- National Cash Register Company, The. (See Robertson, William H., assignor.)
- National Cash Register Company, The. (See Shipley, Bernis M., assignor.)
- National Cash Register Company. (See Slawick, Rudolf, assignor.)
- National Cash Register Company, The. (See Wagner, Erich, assignor.)
- National Cold Steam Company. (See Shepherd, J. E., and York, assignors.)
- National Cornstalk Processes, Inc. (See Hartford, Charles E., assignor.)
- National Development Co. (See Hurd, Lyman E., assignor.)
- National Display Fountain Company. (See House, Samuel G., assignor.)
- National Electric Heating Co. Inc. (See Carleton, Robert A., assignor.)
- National Electric Products Corporation. (See Clayton, Martin M., assignor.)
- National Electric Products Corporation. (See Fullman, James M. G., assignor.)
- National Electric Products Corporation. (See Moore, Ralph W. E., assignor.)
- National Electric Products Corporation. (See Phillips, George E., assignor.)
- National Electric Products Corporation. (See Robinson, William C., assignor.)
- National Electric Products Corporation. (See Sharp, L. Alan, assignor.)
- National Electrical Supply Company. (See Schofield, Samuel T., assignor.)
- National Equipment Company. (See Bausman, Alonzo L., assignor.)
- National Fire Door and Copper Store Front Company. (See Naisuler, H. E., and Milazzo, assignor.)
- National Fireproofing Corporation. (See Foster, Harry D., assignor.)
- National Fireproofing Corporation. (See Shipley, Roy A., assignor.)
- National Folding Box Company. (See Gruber, Gilbert S., assignor.)
- National Folding Box Company. (See La Grua, James C., assignor.)
- National Folding Box Company. (See Pantalone, Vincent, assignor.)
- National Fruit Product Company. (See Kiergard, Jens J., assignor.)
- National Grain Yeast Corporation. (See King, Harold L., assignor.)
- National Gypsum Company. (See Venzie, Frederick M., assignor.)
- National Kellastone Company. (See Dixon, Arthur R., assignor.)
- National Lead Company. (See Stewart, Alexander, assignor.)
- National Listing Exchange. (See Boyer, John C., assignor.)
- National Lock Co. (See North, Edwin W., assignor.)
- National Lock Washer Company, The. (See Conway, Thomas G., assignor.)
- National Lock Washer Company, The. (See Hiss, James L., assignor.)
- National Lock Washer Company, The. (See Schunk, Joseph, assignor.)
- National Lock Washer Company, The. (See ToeLaer, Robert R., assignor.)
- National Machine Products Company. (See Brackett, Clare L., assignor.)
- National Machine Products Company. (See Stoll, Albert, assignor.)
- National Machinery Company, The. (See Clouse, William L., assignor.)
- National Machinery Company, The. (See Cummins, Norman W., assignor.)
- National Machinery Company, The. (See Friedman, John H., assignor.)
- National Machinery Company, The. (See Frost, Earl R., assignor.)
- National Machinery Company, The. (See Riley, Michael J., assignor.)
- National Malleable and Steel Castings Company. (See Bazeley, Arthur J., assignor.)
- National Malleable and Steel Castings Company. (See Blackmore, William, assignor.)
- National Malleable & Steel Castings Company. (See Blackmore, W., and Buckius, assignors.)
- National Malleable and Steel Castings Company. (See Kaiser, W., and Balke, assignors.)
- National Malleable and Steel Castings Company. (See Schmidt, Ernest H., assignor.)

National Malleable and Steel Castings Company. (See Shafer, James A., assignor.)
 National Malleable and Steel Castings Company. (See Spence, Hubert L., assignor.)
 National Malleable and Steel Castings Company. (See Wittmer, R. J., and Zintsmaster, assignors.)
 National Manufacturing Company. (See Bittorf, Louis A., assignor.)
 National Manufacturing Company. (See Clark, Carl L., and E. W., assignors.)
 National Manufacturing Company. (See Clark, Earl W., assignor.)
 National Marking Machine Company, The. (See Raiche, Andrew, assignor.)
 National Merchandising Company Ltd. (See Margolish Mordicha, assignor.)
 National Metal Edge Box Company. (See Wismer, Linwood, assignor.)
 National Metal Edge Box Company. (See Walz, Charles F., assignor.)
 National Metal Edge Box Company. (See Wolf, Elias.)
 National Mining and Reduction Company. (See Vandercook, Albert E., assignor.)
 National Oil Manifolds, Inc. (See Headen, Lucean A., assignor.)
 National Paper Products Company. (See Samson, Henry L., assignor.)
 National Pigments & Chemical Company. (See Harth, Phillip E., assignors.)
 National Pneumatic Company. (See Conklin, Roscoe D., assignor.)
 National Pneumatic Company. (See Conklin, R. D., and Johnson, assignors.)
 National Pneumatic Company. (See Forman, Paris R., assignor.)
 National Pneumatic Company. (See Martin, C. J., and Nimzik, assignors.)
 National Pneumatic Company. (See Moulton, Rollin H., assignor.)
 National Pneumatic Company. (See Parvin, Edward G., assignor.)
 National Pneumatic Company. (See Paul, Abram F., assignor.)
 National Pneumatic Company. (See Rowntree, Harold, assignor.)
 National Postal Meter Company. (See Allen, Wilbur C., assignor.)
 National Postal Meter Company. (See Finrock, John Q., assignor.)
 National Postal Meter Company. (See Finrock, John W., assignor.)
 National Postal Meter Company. (See Rost, William H., assignor.)
 National Postal Meter Company. (See Ryan, Commodore D., assignor.)
 National Poultry Equipment Co. (See Miller, Edward E., and V. C., and Powell, assignors.)
 National Pressure Cooker Company. (See Nelson, Carl, assignor.)
 National Process Company. (See Emley, Jay N., assignor.)
 National Pumps Corporation. (See Curtis, William H., assignor.)
 National Pure Water Corporation. (See McLaughlin, Wilson, L., and H. L., and Ballou, assignors.)
 National Radiator Corporation. (See Jephson, Allen C., assignor.)
 National Radiator Corporation. (See Novotney, T. A., and Hunter, assignors.)
 National Radiator Corporation. (See Young, John L., assignor.)
 National Rubber Machinery Company. (See De Mattia, Peter, assignor.)
 National Rubber Machinery Company. (See Iverson, Cato, assignor.)
 National Rubber Machinery Company. (See Jennings, Frank H., assignor.)
 National Rubber Machinery Company. (See Michelson, Albert S., assignor.)
 National Rubber Machinery Company. (See Pfeiffer, Fred B., assignor.)
 National Rubber Machinery Company. (See Williams, Thomas H., assignor.)
 National Sales & Manufacturing Company. (See Thompson, Elmer B., assignor.)
 National Screw & Manufacturing Company, The. (See Erdman, Harvey C., assignor.)
 National Sewing Machine Company. (See Dawson, James W., assignor.)
 National Sewing Machine Company. (See List, Raymond F., assignor.)
 National Skee Ball Company. (See Bergoffen, Herman, assignor.)
 National Stamping & Electric Works. (See Walder, Emil, assignor.)
 National Standard Company. (See Domm, Elgin C., assignor.)
 National Steel Car Corporation. (See Fraser, Alexander W., assignor.)
 National Steel Car Corporation. (See Marchant, Lawrence E., assignor.)
 National Steel Car Corporation, Limited. (See Fraser, Alexander W., assignor.)
 National Superior Company, The. (See Faulkner, D. S., Rice, and Zerbe, assignors.)

National Superior Company, The. (See Leman, Arthur L., assignor.)
 National Superior Company, The. (See Mahan, Joseph R., assignor.)
 National Superior Company, The. (See Mahan, J. R., and Picard, assignors.)
 National Superior Company, The. (See Marten, E. R., and Nolte, assignors.)
 National Superior Company, The. (See Morgan, John S., Jr., assignor.)
 National Superior Company, The. (See Murphy, Demery A., assignor.)
 National Superior Company, The. (See Picard, John B., assignor.)
 National Superior Company, The. (See Picard, J. B., Schabaram, and Nolte, assignors.)
 National Superior Company, The. (See Spalding, John D., assignor.)
 National Superior Company, The. (See Wright, Dallas E., assignor.)
 National Superior Company, The. (See Young, Forrest J., assignor.)
 National Superior Company, The. (See Young, F. J., and Long, assignors.)
 National Superior Company, The. (See Zerbe, Lewis E., assignor.)
 National Superior Company, The. (See Zerbe, L. E., and Rice, assignors.)
 National Supply Company, The. (See Rice, A. E., and Morgan, assignors.)
 National Supply & Service Corporation. (See Johnson, John A., assignor.)
 National Supply & Service Corporation. (See Johnson, J. A., and McVay, assignors.)
 National Tag Manufacturing Corporation, The. (See Graeber, Jacob F., assignor.)
 National Tank Company. (See Walker, J. P., and Williams, assignors.)
 National Television Corporation. (See Brockway, Carl P., assignor.)
 National Television Corporation. (See McKay, John W., assignor.)
 National Tile Company, The. (See Butler, Noble C., assignor.)
 National Tile Company, The. (See Butler, N. C., and Du Vall, assignors.)
 National Tinsel Manufacturing Company. (See Protz, William C., assignor.)
 National Tool Company, The. (See Dettmer, Alfred B., assignor.)
 National Transit Pump and Machine Company. (See Sharp, Jefferson, M., assignor.)
 National Tube Company. (See Bark, W., Mazurie, and Olson, assignors.)
 National Tube Company. (See Bark, W., Schmidt, and Mazurie, assignors.)
 National Tube Company. (See Boax, John J., assignor.)
 National Tube Company. (See Boax, J. J., and Miller, assignors.)
 National Tube Company. (See Brown, Earl W., assignor.)
 National Tube Company. (See Byrns, Howard A., assignor.)
 National Tube Company. (See Chancellor, William C., assignor.)
 National Tube Company. (See Davis, W. F., and Hitchens, assignors.)
 National Tube Company. (See Donahie, Thomas L., assignor.)
 National Tube Company. (See Dougherty, George, assignor.)
 National Tube Company. (See Dudley, Wray, assignor.)
 National Tube Company. (See Jackson, John E., assignor.)
 National Tube Company. (See Johnston, Harry M., assignor.)
 National Tube Company. (See Mahla, W. T., and Mauthe, assignors.)
 National Tube Company. (See O'futt, John W., assignor.)
 National Tube Company. (See Olson, Olof F., assignor.)
 National Tube Company. (See Uebelhart, Donald N., assignor.)
 National Tube Company. (See Wallis, Clarence H., assignor.)
 National Tube Company. (See Waterman, Fred W., assignor.)
 National Tube Company. (See Weckerly, Archie E., assignor.)
 National Tube Company. (See Wilson, Lorenz H., assignor.)
 National Twist Drill and Tool Company. (See Covill, Harry A., assignor.)
 National Union Radio Corporation. (See Beers, John R., assignor.)
 National Vending Company. (See Parks, R. D., and Hildenbrand, assignors.)
 National Vendors, Inc. (See Fry, Benjamin W., assignor.)
 National Venetian Blind Co. (See Cooper, Jesse E., assignor.)
 National Vulcanized Fibre Co. (See Johnston, John K., assignor.)
 National Vulcanized Fibre Company. (See Shoemaker, William M., Jr., assignor.)
 National Washboard Company. (See Gilbert, Charles T., assignor.)

- National Washboard Company. (See Sadenwater, Charles W., assignor.)
- National Wood Products Co. (See Nielsen, Herman C., assignor.)
- Natural By-Products Corporation. (See Claret, Roger J., assignor.)
- Natural Cheese Corporation. (See Gere, Clair M., assignor.)
- Natural-Color Inc. (See Waide, Merrill, assignor.)
- Natural Food Products Company. (See Stephens, H. C., and Hoar, assignors.)
- Natural Gas Equipment Inc. (See Thomas, John V., assignor.)
- Natural Resource Development Company. (See Hanson, Walter C., assignor.)
- Natwick, Albert G. (See Barber, W. R., Natwick and Phelps.)
- Natwick, Albert G., H. E. Ostenson, and W. R. Barber, Camas, Wash., assignors to Crown Willamette Paper Company, San Francisco, Calif. Opaque paper. 1,988,179; Jan. 15.
- Naugle, Harry M., et al. (See Townsend, A. J., and Miller, assignors.)
- Naugle, Harry M., and A. J. Townsend, Canton, Ohio, assignors, by mesne assignments, to Rotary Steel Company, Wilmington, Del. Centrifugal molding apparatus. 2,025,301; Dec. 24.
- Naugle, John J. (See Wickenden, L., and Naugle.)
- Naujoks, Erich, Constance, assignor to Deutsche Gold & Silber-Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Producing pentaerythrite. 2,004,010; June 4.
- Naum, Harry D., Brooklyn, N. Y. Bottle nipple. 2,005,437; June 18.
- Naumann, Helmut, assignor to Emile Busch Aktiengesellschaft, Rathenow, Germany. Change-focus objective. 1,988,390; Jan. 15.
- Naunton, William J. S. (See Jones, M., and Naunton.)
- Nave, Fred A. (See Mitchell, H., and Nave.)
- Nawiasky, Paul, and O. Grossinsky, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dye-stuffs of the anthraquinone series. 1,987,747; Jan. 15.
- Nawiasky, Paul, Ludwigshafen-on-the-Rhine, and B. Stein, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dye-stuffs of the anthraquinone series and producing same. 2,025,546; Dec. 24.
- Nawn, Phil J., Milwaukee, Wis. Lock and making same. 2,025,293; Dec. 24.
- Naxon Corporation. (See Nachumsohn, Irving, assignor.)
- Naylor, Archibald W. (See Durfey, C. H., Naylor, Bauer, and Stevens.)
- Naylor, Harry G. (See Good, C. W. Naylor, and Regan.)
- Naylor, Walter H., San Jose, Calif. Seed and plant protector. 1,987,125; Jan. 8.
- Neal, Albert E. T. (See Twiss, D. F., Neale, and Wilson.)
- Neal, Charles J., Fort Duchesne, Utah. Gilsonite cutting device. 2,008,768; July 23.
- Neal, Charles J., Fort Duchesne, Utah. Apparatus for treating gilsonite ores. 2,010,272; Aug. 6.
- Neal, J. O. (See Neal, L. B., and Stoner, assignors.)
- Neal, Leon P., Detroit, Mich., assignor to J. Weidenhoff, Battery clip. 2,000,665; May 7.
- Neal, Leon P., Chicago, Ill., assignor to Joseph Weidenhoff, Incorporated. Display device. 2,025,356; Dec. 24.
- Neal, Lillie B., and B. M. Stoner, Bremerton, assignors to J. O. Neal, Port Orchard, Wash. Safety device for the prevention of overloading cranes and the like. 2,015,957; Oct. 1.
- Neale, Charles F. (See Kronsbein, John, assignor.)
- Neale, John B. (See Mirfield, G. E., Lewis, Firth, and Neale.)
- Neale, Julius S. (See Malcolm, James A., assignor.)
- Near, Harold B., and A. J. Pacini, Evanston, R. W. Crosley, M. M. Gerth, F. T. Breidigam, and J. D. Kelly, Chicago, Ill., assignors to Libby, McNeill & Libby, Chicago, Ill. Extracting mucinous substance from plants. 2,010,880; Aug. 13.
- Neatease Company, The. (See Waterman, Frank E., Jr., assignor.)
- Neats, Clarence P., East Orange, N. J. Scrub pail. 1,992,879; Feb. 26.
- Nebel, Charles N., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voice operated transmission circuit. 2,018,464; Oct. 22.
- Nebel, Charles N., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voice operated switching circuit. 2,018,465; Oct. 22.
- Nebel, Charles N., Denville, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable gain amplifier. 2,022,972; Dec. 3.
- Nebel, Ernst O., Jenkintown, Pa. Elastic foot attachment for full fashioned hosiery knitting machines. 1,989,173; Jan. 29.
- Nebel, Franz, Vienna, Austria. Rotary pump. 2,023,608; Dec. 10.
- Nebel, Max, Chemnitz, Germany. Knitted fabric. 2,014,026; Sept. 10.
- Nebel, Ruth H., Sturgeon Bay, Wis. Costumer. 2,008,311; July 16.
- Nebelung, Rudolf, Berlin-Steglitz, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Automatic step-by-step switch. 2,018,864; Oct. 29.
- Nebraska, Merlyn A., Glen Ellyn, Ill. Hygienic and automatic holding and cleansing device for beer combs. 2,014,663; Sept. 17.
- Neckerman, William M., Youngstown, Ohio, assignor to Republic Steel Corporation. Apparatus for manufacturing electrically welded tubing. 2,023,897; Dec. 10.
- Nedvidek, Robert D. (See Joseph, G. H., and Nedvidek.)
- Nedvidek, Robert D. (See Wilson, C. P., and Nedvidek.)
- Needham, Earl H., Balboa Island, Calif. Freewheeling drive. 1,991,692; Feb. 19.
- Needham, John T., North Plainfield, N. J. Carrier for pneumatic dispatch tube systems. 2,014,446; Sept. 17.
- Needham, John T., North Plainfield, N. J. Belt conveyor. 2,014,447; Sept. 17.
- Needham, John T., North Plainfield, N. J. Carrier for pneumatic dispatch tube apparatus. 2,014,448; Sept. 17.
- Needham, John T., North Plainfield, N. J. Making carriers for pneumatic dispatch tube systems. 2,014,449; Sept. 17.
- Needham, John T., North Plainfield, N. J., assignor to General Conveyors Limited, Montreal, Quebec, Canada. Pneumatic dispatch tube apparatus. 2,015,958; Oct. 1.
- Needham, John T., North Plainfield, N. J., assignor to General Conveyors Limited, Montreal, Quebec, Canada. Pneumatic dispatch tube apparatus. 2,015,959; Oct. 1.
- Needham, Robert E., Macon, Mo. Clamp for egg case tops. 2,012,475; Aug. 27.
- Needham, William. (See Nicholson, L., and Needham.)
- Neelmeier, Wilhelm. (See Nocken, T., and Neelmeier.)
- Neelmeier, Wilhelm, and W. Meiser, Leverkusen-I. G.-Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. N-substituted derivative of sulphanilines. 2,002,612; May 28.
- Neelmeier, Wilhelm, Leverkusen-I. G. Werk, and A. Moder-son, Cologne-Mulheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,018,801; Oct. 29.
- Neely, George L., Berkeley, and E. E. Edwards, Oakland, assignors to Standard Oil Company of California, San Francisco, Calif. Friction testing machine. 2,020,565; Nov. 12.
- Neely, J. Patton. (See Fairchild, Donald H., assignor.)
- Neely, Raymond J., Little Falls, N. Y., assignor to Cherry-Burrell Corporation, Wilmington, Del. Outlet fitting for tanks. 2,000,246; May 7.
- Neely, Raymond J., Little Falls, N. Y., assignor to Cherry-Burrell, Chicago, Ill. Manhole cover for tanks. 2,014,861; Sept. 17.
- Neely, Roy M., Wilkensburg, Pa., assignor to The American Steel and Wire Company of New Jersey. Concrete reinforcement support. 1,994,724; Mar. 19.
- Nefedov, Basil, Brooklyn, N. Y. Clothes washing machine. 1,995,998; Mar. 26.
- Neff, Edward A., assignor to Phoenix Trimming Company, Chicago, Ill. Trimming. 2,026,483; Dec. 31.
- Neff, Frank H., South Euclid, assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Rail bond. 1,993,618; Mar. 5.
- Neff, George F., Detroit, Mich. Stack damper. 2,014,187; Sept. 10.
- Neff, Johannes, assignor to Universelle Cigarettenmaschinen Fabrik J. C. Muller, Dresden, Germany. Removing batches of goods. 1,998,382; Apr. 16.
- Neff, Johannes, Dresden, M. Berger, Freital, and H. Kempe, assignors to "Universelle" Cigarettenmaschinen-Fabrik, J. C. Muller & Co., Dresden, Germany. Apparatus for removing the bottom cigarette group from a cigarette distributing chamber. 1,993,619; Mar. 5.
- Neff, John W., New Rochelle, assignor to M. C. Johnson Company, New York, N. Y. Safety paper. 2,005,105; June 18.
- Neff, Louis C., Brooklyn, N. Y. Typewriter eraser holder. 2,018,029; Oct. 22.
- Neher, John H., Merion, Pa., assignor to General Electric Company. Automatic reclosing circuit breaker system. 2,014,949; Sept. 17.
- Nehls, Charles H., Detroit, Mich., assignor, by mesne assignments, to Eaton Detroit Metal Company, Cleveland, Ohio. Hub cap. 1,992,759; Feb. 26.
- Nehls, Herbert, Hawthorne, N. J., and D. L. Keiser, San Antonio, Tex., assignors to Sangamo Company Limited, Toronto, Ontario, Canada. Electric meter. 1,992,834; Feb. 26.
- Nehlsen, Hermann, Dusseldorf-Merrerbush, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany. Speed control for shears for cutting rolled material. 2,023,851; Dec. 10.
- Nehmert, Friedrich E., Eindhoven, Netherlands, assignor to General Electric Company. Method of and apparatus for coating incandescent lamp filaments and similar articles. 1,988,955; Jan. 22.
- Nehrbas, Howard G. (See Henkel, E., and Nehrbas.)
- Neidich Cel-Lus-Tra Corporation. (See Mendel, W., and Titone, assignors.)
- Neidig, William J., Chicago, Ill. Folding machine. 1,990,495; Feb. 12.
- Neidig, William J., Chicago, Ill. Folding machine. 2,007,209; July 9.
- Neidig, William J., Chicago, Ill. Folding machine. 2,007,210; July 9.
- Neikirk, John O., assignor to Rodger Ballast Car Company, Chicago, Ill. Car construction. 2,011,155; Aug. 13.

- Neil, William P., Los Angeles, Calif. Dragline apparatus. 1,999,775; Apr. 30.
- Neill, Charles W., assignor to Crouse-Hinds Company, Syracuse, N. Y. Vehicle timed automatic traffic signal. 2,015,435; Sept. 24.
- Neilsen, Andrew, Brighton, Colo. Convertible cultivating and ditching element for cultivating machines. 2,022,297; Nov. 26.
- Neilson, Alexander, Paisley, Scotland, assignor of one-third to Howard & Bullough Limited, Accrington, England, and one-third to J & P Coats, Limited, Paisley, Scotland. Tape driving of spindles in ring spinning and doubling frames. 2,021,517; Nov. 19.
- Neilson, Maurice O., Ottawa, Ontario, Canada. Paper making machine. 2,022,298; Nov. 26.
- Neinhouse, Menno, Muskegon, Mich. Window Jack. 2,001,626; May 14.
- Neitz, John J., Naperville, Ill., and J. F. Svoboda, Milwaukee, Wis., assignors to Dudley Lock Corporation, Chicago, Ill. Combined toy and savings bank. 2,007,831; July 9.
- Nejedly, Peter M. (See Arelt, C., and Nejedly.)
- Nejedly, Peter M., Hollis, N. Y., assignor to International Cigar Machinery Company. Controlling mechanism for stemming machines. 2,019,721; Nov. 5.
- Nejelski, Leo, University City, assignor of one-third to W. J. Lonergan, Richmond Heights, Mo. Container for dressed fowls. 1,987,491; Jan. 8.
- Neldner, Stephen W., Milwaukee, Wis. Automatic lighter. 2,011,073; Aug. 13.
- Nell, Gustave M., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Muck deflector for drills. 1,999,662; Apr. 30.
- Nell, Gustave M., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Distributing valve for pneumatic tools. 2,017,287; Oct. 15.
- Nellen, Arthur H., and F. Leopold, Jr., Harmonville, Pa. Vehicle tire. 2,000,785; May 7.
- Nelms, Joseph C., East Cleveland, Ohio. Coal treating process and compound. 2,016,821; Oct. 8.
- Nelsen, Walter F. (See Wiener, M. L., and Nelsen.)
- Nelson, Adolf H., San Francisco, Calif. Dicing machine. 1,992,714; Feb. 26.
- Nelson, Adolph L., Detroit, Mich. Piston. 1,990,496; Feb. 12.
- Nelson, Adolph L., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Piston. 1,995,746; Mar. 26.
- Nelson, Adolph L., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Piston. 2,006,009; June 25.
- Nelson, Adolph L., Indianapolis, Ind., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Piston. 2,006,008; June 25.
- Nelson, Arthur S., Hartford, Conn. Control mechanism. 2,008,150; July 16.
- Nelson, Axel. (See Whitney, C. W., and Nelson.)
- Nelson, Bernard, New York, N. Y. Mercury derivatives of gallicin and coerulein. 2,007,582; July 9.
- Nelson, Bert J. (See Coles, W. H., and Nelson.)
- Nelson, Bert J. (See Nelson, William L., and B. J.)
- Nelson, Carl, assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure cooker. 2,022,868; Dec. 3.
- Nelson, Carl E. (See Ranger, R. H., Brame, and Nelson.)
- Nelson, Charles M. H., Los Angeles, Calif. Composite luminescent tube panel system. 1,986,009; Jan. 1.
- Nelson, Charles S. (See Wooddell, C. E., Nelson, and Lincoln.)
- Nelson, Charles S., Niagara Falls, and D. B. Sharpe, Tonawanda, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and manufacturing the same. 1,995,321; Mar. 26.
- Nelson, Christ B., Cleveland, Ohio. Toaster. 2,015,811; Oct. 1.
- Nelson, Christ B., Cleveland, Ohio. Toaster. 2,015,812; Oct. 1.
- Nelson, Crescent F., assignor to The Western Union Telegraph Company, New York, N. Y. Protecting electrical instruments from excessive electrical surges. 2,009,973; July 30.
- Nelson, Dwight O., Tacoma, Wash. Milk bottle carrier and advertising device. 1,993,976; Mar. 12.
- Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Applying heat to vessels used in hydrocarbon oil conversion. 1,990,877; Feb. 12.
- Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for applying heat to vessels used in hydrocarbon oil conversion. 1,990,878; Feb. 12.
- Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,001,150; May 14.
- Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oil. 2,009,119; July 23.
- Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,016,386; Oct. 8.
- Nelson, Emil, Sr., assignor of one-fourth to I. C. Carter and one-eighth to A. O. King, Lake Charles, La. Feather-type valved well packer. 2,009,322; July 23.
- Nelson, Emil A., Detroit, Mich. Brake drum. 1,990,746; Feb. 12.
- Nelson, Emil A., Lansing, Mich., assignor to Motor Wheel Corporation. Brake drum. 2,016,871; Oct. 8.
- Nelson, Emil A., Lansing, Mich., assignor to Motor Wheel Corporation. Brake drum seal device. 2,024,243; Dec. 17.
- Nelson, Emil A., Lansing, Mich., assignor to Motor Wheel Corporation. Making brake drum seal devices. 2,024,244; Dec. 17.
- Nelson, Floyd R., assignor to Cotta Transmission Corporation, Rockford, Ill. Stoker. 2,013,248; Sept. 3.
- Nelson, George F., Berkeley, Calif. Low carbon steel. 2,013,249; Sept. 3.
- Nelson, George H. (See Hanks, M. W., and Nelson.)
- Nelson, George H., Mora, Minn. Honing device for razor blades. 1,990,246; Feb. 5.
- Nelson, George S., Salt Lake City, Utah. Machine for concentrating ore. 1,995,433; Mar. 26.
- Nelson, George S., Salt Lake City, Utah. Propulsion machine. 2,020,566; Nov. 12.
- Nelson, Harold, Fairhope, Ala. Circuit closing device. 2,014,286; Sept. 10.
- Nelson, Harold A., Calgary, Alberta, Canada. Clutch assembling tool. 1,986,156; Jan. 1.
- Nelson, Harry H., Paris, and G. Becker, Versailles, France. Manufacture of paper. 2,011,156; Aug. 13.
- Nelson, Harry W., Brownville, Nebr. Relief attachment for cultivators. 2,005,045; June 18.
- Nelson, Henry T. (See Lovgren, Harold V., assignor.)
- Nelson, Henry W., New York, N. Y. Airplane. 1,994,045; Mar. 12.
- Nelson, Herman, Corporation, The. (See Nelson, Richard H., assignor.)
- Nelson, Herman, Corporation, The. (See Otis, Gerald E., assignor.)
- Nelson, Herman, Corporation, The. (See Shurtleff, Wilfred, assignor.)
- Nelson, Ian T., Edinburgh, Scotland. Printing machine. 1,999,776; Apr. 30.
- Nelson, Jabez C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Drainboard. 2,007,112; July 2.
- Nelson, James R., Cambridge, assignor to Raytheon Production Corporation, Newton, Mass. Automatic volume control. 2,001,825; May 21.
- Nelson, John, Chicago, Ill. Cathode rod. 1,993,016; Mar. 5.
- Nelson, John, assignor of one-half to B. Granberg, Rockford, Ill. Clutch mechanism. 1,990,201; Feb. 5.
- Nelson, John, Minneapolis, Minn., and V. C. Norquist, assignors to Butler Manufacturing Company, Kansas City, Mo. Tank closure. 2,005,469; June 18.
- Nelson, John H., Brooklyn, N. Y. Watering flower pot. 1,995,217; Mar. 19.
- Nelson, Karl O., assignor to Galland-Henning Manufacturing Company, Milwaukee, Wis. Ram head. 1,998,166; Apr. 16.
- Nelson, L. R. Mfg. Co. (See Nelson, Lewen R., assignor.)
- Nelson-LeMoon Truck Company. (See LeMoon, Axel R., assignor.)
- Nelson, Lester W., assignor of one-half to E. L. Monson, Bridgeport, Conn. Die, die holder, and ejector. 2,019,791; Nov. 5.
- Nelson, Lewen R., assignor to L. R. Nelson Mfg. Co., Inc., Peoria, Ill. Hose connector and making the same. 2,026,055; Dec. 31.
- Nelson, Lloyd A., San Francisco, Calif. Racing lure. 1,997,010; Apr. 9.
- Nelson, Lutillus L. S., Seattle, Wash. Air filter. 2,019,867; Nov. 5.
- Nelson, Morris. (See Eustis, Robert I., assignor.)
- Nelson, Nels H., Minneapolis, assignor of one-half to G. E. Norberg, St. Paul, Minn. Wheeled toy. 1,995,155; Mar. 19.
- Nelson, Nels H., Dayton, Ohio. Method of, and apparatus for, manufacturing paper matches. 2,022,088; Nov. 26.
- Nelson, Olga E. (See Lorus, Emil, assignor.)
- Nelson, Oliver J., Fort Scott, Kans., assignor, by mesne assignments, to Olco Corporation, Wilmington, Del. Apparatus for treating petroleum. 1,993,017; Mar. 5.
- Nelson, Oscar T. (See Anderson, Gustaf B., assignor.)
- Nelson, Per F., Melrose Park, Ill. Smoking pipe. 1,988,211; Jan. 15.
- Nelson, Peter G., Willoughby, Ohio. Sharpener. 1,987,348; Jan. 8.
- Nelson, Peter N. (See Dahlstrom, A., and Nelson.)
- Nelson, Ralph L., Spokane, Wash. Fuel stoker. 1,990,086; Feb. 5.
- Nelson, Richard H., assignor to The Herman Nelson Corporation, Moline, Ill. Heating and ventilating unit. 1,988,745; Jan. 22.
- Nelson, Robert N. (See Smith, M. G., and Pine, assignors.)
- Nelson, Royden, Wellington, New Zealand. Pipe beading machine. 2,024,803; Dec. 17.
- Nelson, Rudolph S., Rockford, Ill., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigerating apparatus. 1,993,378; Mar. 5.
- Nelson, Rudolph S., Rockford, Ill., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigerating apparatus. 1,993,379; Mar. 5.
- Nelson, Rudolph S., Rockford, and E. Babcock, Evanston, Ill., assignors to The Hoover Company, North Canton, Ohio. Absorption refrigerating apparatus. 1,993,380; Mar. 5.

- Nelson, Rudolph S., Rockford, Ill., and W. C. Davidson, assignors to The Hoover Company, North Canton, Ohio. Absorption refrigerating apparatus. 1,993,381; Mar. 5.
- Nelson, Rudolph S., Rockford, Ill., assignor to The Hoover Company, North Canton, Ohio. Refrigeration apparatus. 2,017,288; Oct. 15.
- Nelson, Rudolph S., Rockford, Ill., assignor to The Hoover Company, North Canton, Ohio. Rectifier for absorption refrigerating apparatus. 2,023,968; Dec. 10.
- Nelson, Rudolph S., Rockford, Ill., and W. C. Davidson, assignors to The Hoover Company, North Canton, Ohio. Continuous absorption refrigerating system. 2,020,654; Nov. 12.
- Nelson, Sven T., Michigan City, Ind. Pump and motor structure. 2,023,609; Dec. 10.
- Nelson, Theodore J. (See Gerlofson, C. H., and Nelson.)
- Nelson, Thomas E., assignor to V. E. Nelson, Pontiac, Mich. Snaubber. 2,007,832; July 9.
- Nelson, Victor E. (See Nelson, Thomas E., assignor.)
- Nelson, Victor E., assignor to Universal Oil-Seal Company, Pontiac, Mich. Oil seal. 1,994,830; Mar. 19.
- Nelson, Walter, Indianapolis, Ind. Wick remover. 2,025,605; Dec. 24.
- Nelson, Wilbur B., Philadelphia, Pa. Condenser swirl. 2,016,341; Oct. 8.
- Nelson, Wilbur L., Oil City, Pa., and G. H. Fancher, Golden, Colo. Production of hydrocarbons. 1,990,664; Feb. 12.
- Nelson, William, U. S. Navy. Sealed seam for metal structures. 2,013,666; Sept. 10.
- Nelson, William J., New York, N. Y. Health promoting machine. 2,004,671; June 11.
- Nelson, William L. (See Cretcher, L. H., and Nelson.)
- Nelson, William L. and B. J. Waller, Tex. Automatic grab fishhook. 2,009,298; July 23.
- Nelson, William W., Newton, Mass. Apparatus for amplifying musical tones. 1,994,919; Mar. 19.
- Nemec, Frank L., assignor to Fegles Construction Company, Limited, Minneapolis, Minn. Roof construction. 1,990,838; Feb. 12.
- Nemec, Frank L., Hopkins, and J. Patterson, White Bear, Minn., assignors to Fegles Construction Company, Limited, Minneapolis, Minn. Apparatus for raising concrete forms. 2,016,575; Oct. 8.
- Nemes, Bernhard, and Bernard Gluck, New York, N. Y. Gravity feeder. 2,015,436; Sept. 24.
- Nemeth, Steffen P., Chicago, Ill. Flying apparatus. 2,012,768; Aug. 27.
- Nemmer, Albert W. (See Nemmer, Frank X. and A. W.)
- Nemmer, Frank X. and A. W., Cheektowaga, N. Y. Spring cushion for furniture. 2,006,218; June 25.
- Nemoede, Paul A., assignor to Container Corporation of America, Chicago, Ill. Dispensing carton. 1,997,009; Apr. 9.
- Nemzek, William P. B., North Arlington, N. J. Surgeon's absorbent mask. 1,990,199; Feb. 5.
- Nemzek, William P. B., North Arlington, N. J. Surgeon's absorbent mask. 1,990,200; Feb. 5.
- Nenninger, Lester F. (See Ernst, H., and Nenninger.)
- Nenninger, Lester F. (See Ernst, H., Goodrich, and Nenninger.)
- Nenninger, Lester F. (See Peaslee, W., and Nenninger.)
- Nenninger, Lester F., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,991,953; Feb. 19.
- Nenninger, Lester F., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machinery. 2,002,921; May 28.
- Nenninger, Lester F., and S. Einstein, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,997,338; Apr. 9.
- Nenninger, Lester F., and F. A. Hassma, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Transmission and control mechanism for milling machines. 2,010,556; Aug. 6.
- Nenninger, Lester F., and Willetts Peaslee, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Machine tool structure. 2,010,557; Aug. 6.
- Nenninger, Lester F., and H. Ernst, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 2,012,081; Aug. 20.
- Nenninger, Lester F., and F. S. Haas, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,025,885; Dec. 31.
- Nenstiehl, William C., Wilmington, Del. Closure for dispensing containers. 2,001,627; May 14.
- Neon-Globe Company. (See Drake, Charles B., assignor.)
- Neon Products, Inc. (See Howenstine, James A., assignor.)
- Neon Research of Connecticut, Inc. (See Mitscherling, Waldemar O., assignor.)
- Neptune, Herman P., San Diego, Calif. Screenshot support. 1,988,746; Jan. 22.
- Neptune Meter Company. (See Hazard, Charles S., assignor.)
- Neptune Meter Company. (See Hazard, C. S., and McGarry, assignors.)
- Neptune Meter Company. (See Marden, William L., assignor.)
- Neresheimer, Heinrich. (See Mieg, W., Heidenreich, and Neresheimer.)
- Neresheimer, Heinrich, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Production of vat dyestuffs of the benzanthrone series. 1,994,025; Mar. 12.
- Neresheimer, Heinrich, Ludwigshafen-on-the-Rhine, W. Eichholz, Mannheim, and G. Boehner, Edingen-on-the-Neckar, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuff of the 1,2-benzanthraquinone series. 1,989,493; Jan. 29.
- Neresheimer, Heinrich, W. Ruppel, and A. Vilsmeier, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuff of the anthraquinone series. 2,000,348; May 7.
- Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Eyeglass construction. 1,987,206; Jan. 8.
- Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Eyeglass construction. 1,987,701; Jan. 15.
- Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Eyeglass construction. 1,987,702; Jan. 15.
- Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Container for spectacle temples. 2,004,415; June 11.
- Nernst, Hermann W., Berlin, Germany. Instrument producing music. 1,988,564; Jan. 22.
- Nesbit, Arthur F., Wilkinsburg, Pa. Cleaning and sizing of coal. 2,003,899; June 4.
- Nesmith, Oliver E. (See William, W. W., Celander, and Nesmith.)
- Nesselmann, Kurt, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Device for cooling a heat generator by means of a circulating auxiliary liquid. 2,008,333; July 16.
- Nesselmann, Kurt V., Berlin-Siemensstadt, Germany, assignor to The Hoover Company, North Canton, Ohio. Absorption refrigeration. 2,023,969; Dec. 10.
- Nesseltre, Louis W., Lockport, N. Y. Paste tube closure. 2,015,152; Sept. 24.
- Nest, Richard E. (See Shaw, B. E., and Nest.)
- Nest, Richard E., and D. C. Elliot, West Springfield, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Fuel feeding device for oil burners. 2,008,151; July 16.
- Nestor Johnson Mfg. Co. (See Johnson, Charles I., assignor.)
- Netschert, Franz. (See Grayson, J. H., and Netschert.)
- Netschert, Franz, assignor to Grayson Appliance Co., Ltd., Lynwood, Calif. Thermostatic snap-action mechanism. 1,990,747; Feb. 12.
- Nette, Henry C., Rutherford, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Electromagnetic switch. 1,991,113; Feb. 12.
- Nettel, Friedrich, Mita, Shiba-ku, Tokyo, Japan. Heating device for liquid fuels. 2,023,610; Dec. 10.
- Netter, Ludwig, Otterstadt, near Speyer-on-the-Rhine, assignor of one-half to F. Buescher, Mannheim, Germany. Propelling mechanism for aircraft and the like. 1,990,462; Feb. 5.
- Netz, Fritz, Odell, Nebr. Combined suspension and coupling structure for a hook. 2,010,733; Aug. 6.
- Netzband, Alfred, and B. Kowalski, Berlin-Spandau, Germany. Sprinkler. 2,006,028; June 25.
- Netzsch, Fritz. (See Von Issendorff, Jürgen and Netzsch.)
- Neubeck, William F., Brooklyn, N. Y. Control switch for vehicle signals. 1,992,674; Feb. 26.
- Neubert, Curt, Giersdorf, near Hirschberg, Germany. Manufacture of printing rollers. 2,004,508; June 11.
- Neuenschwander, Otto, Kilchberg, Switzerland. Electric driving device. 2,002,124; May 21.
- Neugart, Franz. (See Brühl, P., and Neugart.)
- Neugass, Edwin A., New York, N. Y. Bracelet catch. 1,995,517; Mar. 26.
- Neugebauer, Hermann, Berlin-Spandau, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective scheme for transmission lines. 2,005,905; June 25.
- Neuhaus, Ralph, assignor to Hughes Tool Company, Houston, Tex. Lubricated plug valve. 2,011,113; Aug. 13.
- Neuhaus, Theodore A., Lakewood, assignor to The Glidden Company, Cleveland, Ohio. Novelty finish. 2,021,152; Nov. 19.
- Neuhaus, William F., Augusta, Wis. Egg weigher. 2,016,789; Oct. 8.
- Neuhausen, Oscar E. (See South, F. Jr., and Neuhausen.)
- Neuhausen, Sebastian P., Lombard, Ill. Insect swatter. 2,014,027; Sept. 10.
- Neukirch, Eberhard, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Explosive composition. 2,000,414; May 7.
- Neuland, Alfons H., Irvington, N. J. Gear damper for engine drive transmission systems. 2,002,828; May 28.
- Neuland, Alfons H., Irvington, N. J. Automatic transmission system and auxiliary controls therefor. 2,025,523; Dec. 24.
- Neuland, Alfons H., Irvington, N. J., assignor to Electro-gear Corporation. Electric system and control for motor vehicles and other purposes. 2,000,786; May 7.
- Neumair, Joseph A., Hollis, N. Y., assignor to International Cigar Machinery Company. Cigar banding mechanism. 1,992,760; Feb. 26.
- Neumair, Joseph A., Hollis, N. Y., assignor to International Cigar Machinery Company. Cigar feed for cigar wrapping machines. 1,992,761; Feb. 26.

- Neumair, Joseph A., Hollis, N. Y., assignor to International Cigar Machinery Company. Duplex cigar transfer. 2,016,156; Oct. 1.
- Neuman, Jacob J., Jamaica, N. Y. Material handling apparatus. 1,988,855; Jan. 22.
- Neuman, Jacob J., South Salem, N. Y. Material handling apparatus. 2,006,868; July 2.
- Neuman, Jacob J., South Salem, N. Y. Material handling apparatus. 2,006,869; July 2.
- Neuman, Jacob J., South Salem, N. Y. Material handling apparatus. 2,006,870; July 2.
- Neuman, Jacob J., South Salem, N. Y. Material handling apparatus. 2,006,871; July 2.
- Neuman, Jacob J., South Salem, N. Y. Pulley or idler. 2,023,611; Dec. 10.
- Neumann, Frederick F. (See Sherman, R. M., and Neumann.)
- Neumann, Hans, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Acoustic apparatus. 1,987,412; Jan. 8.
- Neumann, Henry, New York, N. Y. Material and process for applying gelatin coating to surfaces. 1,989,017; Jan. 22.
- Neumann, Henry T., New York, N. Y. Camera and accessory therefor. 1,991,768; Feb. 19.
- Neumann, Henry T., assignor to Henry T. Neumann Research Inc., New York, N. Y. Color material and making same. 2,007,980; July 16.
- Neumann, Henry T., Research, Inc. (See Neumann, Henry T., assignor.)
- Neumann, John J., Omaha, Nebr. Cushioned universal joint. 2,024,777; Dec. 17.
- Neumann, Morton G., Chicago, Ill. Incense and making the same. 2,014,072; Sept. 10.
- Neumann, R., & Company. (See Bernheim, Richard, assignor.)
- Neumann, Theodore L., Dayton, Ohio. Self-locking paper box. 2,017,724; Oct. 15.
- Neumeister, Carl L. (See Munroe, T. B., and Neumeister.)
- Neumeister, Walter H., Sioux City, Iowa. Safety flare burner and snuffer. 2,022,897; Dec. 3.
- Neumeyer, Frank E., Macungie, Pa. Holder carrier and storage case. 2,019,722; Nov. 5.
- Neuwirth, Herman, New York, N. Y. Thermometer. 2,021,697; Nov. 19.
- Neuzil, Emil S., San Pedro, Calif. Race horse game. 2,010,558; Aug. 6.
- Neveling, Aloys, Chicago, Ill. Hydraulic dredge. 2,002,748; May 28.
- Neveling, Aloys, Sr., Chicago, Ill. Hydraulic dredge. 2,002,749; May 28.
- Neville Company, The. (See Anderson, George K., assignor.)
- Nevin, John A. (See Howe, C. W., and Nevin.)
- Nevius, Wilford J., Washington, D. C. Card table top. 2,001,918; May 21.
- New, Gustave A., Lakewood, Ohio, assignor to Thurlow G. Gregory. Gypsum stucco. 2,009,146; July 23.
- Newbaker, Leon M., Philadelphia, Pa. Apparatus for printing music. 1,994,046; Mar. 12.
- Newbern, Raymond B., Seattle, Wash. Valve. 1,996,384; Apr. 2.
- Newberry, Franklin D., assignor of one-half to L. C. Leroy, Jamestown, N. Y. Vending machine. 2,021,322; Nov. 19.
- New Britain-Gridley Machine Company, The. (See Brown, Robert S., assignor.)
- New Britain-Gridley Machine Company, The. (See Montgomery, Donald H., assignor.)
- New Brunswick Electric Supply Company. (See Mangin, James, assignor.)
- Newby, Neal D. (See Moody, D. L., and Newby.)
- Newby, Neal D., Woodridge, N. J. Cap for collapsible tubes. 1,989,145; Jan. 29.
- Newby, Neal D., Woodridge, N. J., and D. L. Moody, Hempstead, N. Y., assignors to American Telephone and Telegraph Company. Circuit for controlling transmission in signaling systems. 1,990,414; Feb. 5.
- Newcomb, Edward R., assignor to The Carborundum Company, Niagara Falls, N. Y. Printing apparatus. 2,005,046; June 18.
- Newcomb, George G., San Diego, Calif. Ore car. 1,998,731; Apr. 23.
- Newcomb, Wallie K. (See Miller, R., and Newcomb.)
- Newcomer, Harry S., New York, N. Y. Anamorphosing projection system. 2,017,634; Oct. 15.
- New Deal Specialty Co. (See Boone, Charles G., assignor.)
- New Deal Specialty Company. (See Colchensky, Ben L., assignor.)
- Newell Mfg. Co., The. (See Cuthbert, Lawrence F., assignor.)
- Newell, Robert E., Irwin, Pa. Snap action valve mechanism. 1,988,956 Jan. 22.
- Newell, Robert E., Irwin, Pa. Combination gas cock for thermostats. 1,994,831; Mar. 19.
- Newell, Robert E., Irwin, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Diaphragm valve. 1,988,957; Jan. 22.
- Newell, Robert E., Irwin, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Thermostatic structure. 2,000,294; May 7.
- Newell, Robert E., Irwin, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Expandible bellows. 2,003,119; May 28.
- Newell, Robert E., Irwin, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Thermostatic structure. 2,017,725; Oct. 15.
- Newell, Robert E., Irwin, and C. W. Robertshaw, Youngwood, Pa., and W. B. Mackintosh, San Francisco, Calif., assignors to Robertshaw Thermostat Company, Youngwood, Pa. Thermostat. 1,998,818; Apr. 23.
- Newell, Robert E., Irwin, and D. R. Drylie, Youngwood, Pa., assignors to Robertshaw Thermostat Company, Youngwood, Pa. Thermostatic structure. 2,006,930; July 2.
- New England Bedding Company. (See Johnson, Gustave A., assignor.)
- New England Fibre Blanket Company. (See McGrath, J. T., and Wilman, assignors.)
- New England Mica Co. (See Boughton, Willis A., assignor.)
- New England Mica Company. (See Boughton, W. A., and Mansfield, assignors.)
- New Era Optical Company. (See Mendelsohn, W. A., and Shepard, assignors.)
- Newforth, Frank, Jr., Temple City, Calif., assignor to American Telephone and Telegraph Company. Telephone system. 2,005,844; June 25.
- Newgard, Ingwald M., Los Angeles, Calif., assignor to Jiffy Duplicator Corporation, Wilmington, Del. Duplicating machine. 2,013,832; Sept. 10.
- Newhall, Henry B., Corporation. (See Pleister, Henry W., assignor.)
- Newhall, Henry B., Corporation. (See Pleister, H. W., and Karitzky, assignors.)
- Newhall, Henry B., Corporation. (See Post, Lawrence M., assignor.)
- Newhart, Harry D., San Anselmo, assignor of one-half to Luke E. Robinson, Ross, Calif. Disk brake. 2,016,752; Oct. 8.
- New Haven Clock Company, The. (See Porter, Wilson E., assignor.)
- New Haven Clock Company, The. (See Whitehead, Richard H., assignor.)
- Newhouse, George A., assignor of one-half to C. H. Wright, Yorktown, Ind. Axle extension. 1,990,344; Feb. 5.
- Newhouse, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Crusher. 2,022,135; Nov. 26.
- Newhouse, Ray C., and R. E. Stoll, Wauwatosa, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Crusher. 2,021,895; Nov. 26.
- Newhouse, Walter F., Benton Harbor, Mich. Berry box. 1,988,698; Jan. 22.
- Newhouse, Walter F., Benton Harbor, Mich. Machine for making barrels. 1,999,821; Apr. 30.
- Newhouse, Walter F., Benton Harbor, Mich. Machine for making barrels. 2,000,569; May 7.
- Newhouse, Walter F., Benton Harbor, Mich. Machine for making crate sides. 2,019,990; Nov. 5.
- Newill, Edward B., Dayton, Ohio, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Flash sign. 1,995,129; Mar. 19.
- New Jersey Machine Corporation. (See von Hofe, George W., assignor.)
- New Jersey Optical Company. (See Nichols, Ellsworth J., assignor.)
- New Jersey Zinc Company, The. (See Broughton, William W., assignor.)
- New Jersey Zinc Company, The. (See Broughton, W. W., and Werley, assignors.)
- New Jersey Zinc Company, The. (See Bunce, Earl H., assignor.)
- New Jersey Zinc Company, The. (See Bunce, E. H., Lentz, and Mahler, assignors.)
- New Jersey Zinc Company, The. (See Bunce, E. H., and Stutz, assignors.)
- New Jersey Zinc Company, The. (See Flynn, E. J., Stutz and Schertzinger, assignors.)
- New Jersey Zinc Company, The. (See Ginder, Philip M., assignor.)
- New Jersey Zinc Company, The. (See Ginder, P. M., and Hixon, assignors.)
- New Jersey Zinc Company, The. (See Ginder, P. M., Peirce, and Waring, assignors.)
- New Jersey Zinc Company, The. (See Holstein, L. S., and Ginder, assignors.)
- New Jersey Zinc Company, The. (See Holstein, L. S., and Stutz, assignors.)
- New Jersey Zinc Company, The. (See Kummer, Gustave A., assignor.)
- New Jersey Zinc Company, The. (See Myhren, A. J., and Marquis, assignors.)
- New Jersey Zinc Company, The. (See Peirce, W. M., and Waring, assignors.)
- New Jersey Zinc Company, The. (See Stutz, George F. A., assignor.)
- New Jersey Zinc Company, The. (See Stutz, G. F. A., and Depew, assignors.)
- New Jersey Zinc Company, The. (See Stutz, G. F. A., and Myhren, assignors.)
- New Jersey Zinc Company, The. (See Werley, George L., assignor.)
- Newkirk, Burt L., Schenectady, N. Y., assignor to General Electric Company. Testing hermetically closed cores for mercury boilers. 2,010,698; Aug. 6.
- Newland, Jay R., Kalamazoo, Mich., assignor to Remington Rand Inc., Buffalo, N. Y. Loose leaf binder. 1,986,594; Jan. 1.

- Newland, Jay R., and J. J. Polderman, Kalamazoo, Mich., assignors to Remington Rand Inc., Buffalo, N. Y. Permanent loose leaf binder. 1,992,501; Feb. 26.
- Newlin, Mike H., Sanford, assignor of one-half to T. B. Upchurch, Jr., Raeford, and one-half to Edwards Railway Motor Company, Sanford, N. C. Mowing machine. 2,000,144; May 7.
- Newman, Alfred, Long Beach, Calif., assignor to Pacific Coast Borax Company. Crystallizing borax from solutions. 1,991,410; Feb. 19.
- Newman, Arthur J. (See Whitby, E., Pedler, Selston, Newman, and Lester.)
- Newman, Arthur S., Highgate, assignor to Pathscope Limited, London, England. Film box or charger. 2,001,884; May 21.
- Newman, Charles, Elizabeth, N. J. Device for sharpening scissors or the like. 2,024,245; Dec. 17.
- Newman, David F., Freeport, assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Sound reproducing system. 2,004,583; June 11.
- Newman, David F., Freeport, assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Projection system and method. 2,023,970; Dec. 10.
- Newman, David F., Freeport, assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Projection screen and allied methods. 2,024,382; Dec. 17.
- Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Bending conduits. 1,992,835; Feb. 26.
- Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Evaporator for refrigerating systems. 2,001,540; May 14.
- Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Refrigerator cabinet. 2,017,702; Oct. 15.
- Newman, George W., St. Louis, Mo., assignor to Loose Leaf Metals Company. Chain post binder and guide plug therefor. 1,997,885; Apr. 16.
- Newman, George W., St. Louis, Mo., assignor to Loose Leaf Metals Company. Chain post. 1,997,886; Apr. 16.
- Newman, George W., St. Louis, Mo., assignor to Loose Leaf Metals Company. Post binder. 2,002,155; May 21.
- Newman, Harold L., and H. T. Yopp, Atlanta, Ga. Fraud preventing system for electric meters. 1,987,153; Jan. 8.
- Newman, I., & Sons, Inc. (See Cunningham, Katherine E., assignor.)
- Newman, I., & Sons, Inc. (See Lecoutre, Auguste J., assignor.)
- Newman, Isidor, New York, N. Y. Machine for scoring metal containers or parts thereof. 2,017,103; Oct. 15.
- Newman, Isidore, New York, N. Y. Dispensing spout closure for metallic receptacles. 2,008,084; July 16.
- Newman, J. Randolph, trustee. (See Auer, László, assignor.)
- Newman, Jacob, New York, N. Y. Soot collector. 2,014,287; Sept. 10.
- Newman, John H. (See Greenwood, Lincoln S., assignor.)
- Newman, Joseph S., Cleveland Heights, Ohio. Microscope slide. 1,991,983; Feb. 19.
- Newman, Samuel, Philadelphia, Pa. Necktie. 1,998,143; Apr. 16.
- Newman, William, assignor to The Gardner-Richardson Company, Middletown, Ohio. Box. 2,018,921; Oct. 29.
- Newman, William E., Moorestown, N. J., assignor to Radio Corporation of America. Indicating and control device. 2,019,925; Nov. 5.
- Newnham, Eugene, St. Louis, Mo., assignor to Knapp-Monarch Company, Belleville, Ill. Motor support for air circulators and heaters. 2,001,151; May 14.
- Newnham, Eugene, St. Louis, Mo., assignor to Knapp-Monarch Company, Belleville, Ill. Food mixer and fruit juice extractor. 2,024,383; Dec. 17.
- Newnham, James E. (See Bolen, J. T., Earnest and Newnham.)
- Newport Industries, Inc. (See Palmer, R. C., and Powers, assignors.)
- New Process Fat Refining Corporation. (See Tolman, Lucius M., assignor.)
- New Products Corporation. (See Banker, Oscar H., assignor.)
- News Projection Corporation. (See Eitzen, August D., assignor.)
- New Screen Corporation. (See Godwin, Charles T., assignor.)
- Newsom, James B., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,991,170; Feb. 12.
- Newton, Sidney C., Southwalk, London, England. Piston ring. 1,987,840; Jan. 15.
- Newspaper Stuffing Machine Company, The. (See Halvorsen, Severin, assignor.)
- News Projection Corporation. (See Eitzen, August D., assignor.)
- Newstedt, Harry N. (See Voss, J. H., and Newstedt.)
- New Stoughton Company, The. (See Lubbers, Lubbert E., assignor.)
- Newton, Albert E., assignor to G. H. and H. F. Collins. Birmingham, England. Electric and other imitation fire. 1,992,540; Feb. 26.
- Newton, Edwin E., Montreal, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling strands. 1,991,171; Feb. 12.
- Newton, George F., Kansas City, Mo. Concrete form key, tie, and spacer. 2,020,515; Nov. 12.
- Newton, Harry H. (See Husted, Harry F., assignor.)
- Newton, Merle M., Colorado Springs, Colo. Ore concentrating device. 1,989,494; Jan. 29.
- Newton, Richard T., Oyster Bay, N. Y. Control means for electrically actuated devices. 1,997,780; Apr. 16.
- Newton, Roy C., and F. L. De Beukelaer, assignors to Industrial Patents Corporation, Chicago, Ill. Preparation of glue. 2,024,131; Dec. 10.
- Newton, Roy W. (See Powell, R. A., and Newton.)
- Newton Steel Company, The. (See Butts, Clarence H., assignor.)
- Newton, William G., New Haven, Conn. Casting machine. 2,025,069; Dec. 24.
- Newton, William G., and H. E. Christie, New Haven, Conn., assignors to William G. Newton. Manufacture of casting dies. 2,023,645; Dec. 10.
- New-Way Canning Machine Company, The. (See Hesson, Charles M., assignor.)
- New York Air Brake Company, The. (See Campbell, Charles A., assignor.)
- New York Air Brake Company, The. (See Eggleston, Robert S., assignor.)
- New York Air Brake Company, The. (See Safford, Lewis A., assignor.)
- New York Air Brake Company, The. (See Silcox, Lewis K., assignor.)
- New York Air Brake Company, The. (See Vergan, William E., assignor.)
- New York Central Railroad Company, The. (See Thomas, William L., assignor.)
- New York Central Railroad Company, The. (See Wilson, J. S., Misspague and Overmire, assignors.)
- New York Eskimo Pie Corporation. (See Underwood, Robert C., assignor.)
- Ney, Alfred M., St. Joseph, Mich., assignor to The Steel Wheel Corporation, Chicago, Ill. Drive mechanism. 2,015,688; Oct. 1.
- Neyman, Louis, Butte, Mont. Apparatus for and the method of waving hair. 1,993,680; Mar. 5.
- Niacet Chemical Corporation. (See Cox, G. J., and Ferguson, assignors.)
- Niagara Blower Company. (See Bulkeley, Claude A., assignor.)
- Niagara Fold, Inc. (See Rendall, Albert L., assignor.)
- Niagara Machine & Tool Works. (See Hahnemann, P. R., and Munschauer, assignors.)
- Niagara Machine and Tool Works. (See Lindgren, Bror J., assignor.)
- Niagara Machine & Tool Works. (See McGarry, James J., assignor.)
- Niagara Machine & Tool Works. (See Munschauer, Frederick E., assignor.)
- Niagara Smelting Corporation. (See Brallier, Paul S., assignor.)
- Niagara Sprayer and Chemical Co. (See Mewborne, Robert G., assignor.)
- Niagara Sprayer and Chemical Co. (See Vosler, A. E., Helenbolt, and Wright, assignors.)
- Nibbs, Ernest. (See Spear, L. Y., Grieshaber, and Nibbs.)
- Nibbs, Ernest, New London, assignor to Electric Boat Company, Groton, Conn. Internal combustion engine. 1,993,179; Mar. 5.
- Nibbs, Ernest, New London, Conn., assignor to Electric Boat Company, Groton, Pa. Evaporator for submarines. 2,025,524; Dec. 24.
- Nicholas, Herbert L., assignor to The Rotary Printing Company, Norwalk, Ohio. Apparatus for feeding continuous manifold forms. 1,997,739; Apr. 16.
- Nicholl, Benjamin G., Rutherglen, Victoria, Australia. Recovery of gold from colloidal slum and other colloidal materials. 1,989,603; Jan. 29.
- Nicholls, John W., assignor to J. E. Daugherty, Los Angeles, Calif. Liquid measuring device. 2,014,664; Sept. 17.
- Nicholoy, Winford E., assignor to Scott-Viner Company, Columbus, Ohio. Blancher. 2,007,381; July 9.
- Nichols, Arthur S., Forest Park, assignor to The Illinois Clay Products Company, Joliet, Ill. High temperature furnace insulated wall construction. 2,021,742; Nov. 19.
- Nichols, Charles V. (See Atchison, G., and Nichols.)
- Nichols, Cheshire J., Cleveland, Ohio. Flash lamp. 1,995,938; Mar. 26.
- Nichols, Edward C., Upton, assignor to Draper Corporation, Hopedale, Mass. Parting means for looms. 2,001,310; May 14.
- Nichols, Edward C., Upton, assignor to Draper Corporation, Hopedale, Mass. Filling stop motion. 2,009,900; July 30.
- Nichols, Edward L., Ithaca, N. Y., assignor to Sullivan Machinery Company. Surveying method and apparatus. 1,999,201; Apr. 30.
- Nichols, Ellsworth J., assignor to New Jersey Optical Company, Newark, N. J. Writing machine. 2,020,734; Nov. 12.
- Nichols Engineering & Research Corporation. (See Baird, Dudley, assignor.)
- Nichols Engineering and Research Corporation. (See Baird, D., and Rowen, assignors.)
- Nichols Engineering and Research Corporation. (See Hartley, Henry J., assignor.)
- Nichols Engineering and Research Corporation. (See Lewers, George R., assignor.)

- Nichols Engineering & Research Corporation of Canada, Limited. (See Freeman, Horace, assignor.)
- Nichols, Ernest H., Hagerstown, Md. Tennis court. 1,999,130; Apr. 23.
- Nichols, Fred L., Minneapolis, Minn. Safety apparatus for moving picture machines. 2,010,559; Aug. 6.
- Nichols, George B., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Splicing tubes. 1,998,633; Apr. 23.
- Nichols, Greydon L. (See Masters, Clarence E., assignor.)
- Nichols, Harry J., and H. L. Brump, Dayton, Ohio, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio socket. 1,990,087; Feb. 5.
- Nichols, Henry, New York, N. Y. Vehicle washing apparatus. 2,006,029; June 25.
- Nichols, Herbert A., Robstown, Tex. Stilyard or balance beam. 2,025,606; Dec. 24.
- Nichols, James C., Chicago, Ill. Crate for rectangular-sectioned articles. 2,017,917; Oct. 22.
- Nichols, John T., Pittsburgh, Pa. Control operating. 2,005,157; June 18.
- Nichols, John T., Pittsburgh, Pa. Temperature measuring. 2,008,793; July 23.
- Nichols, Lorrel B., East Walpole, assignor of one-half to Hollingsworth & Vose Company, Boston, Mass. Apparatus for determining tearing strength. 1,989,625; Jan. 29.
- Nichols, Louis C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Unidirectional breather. 2,000,862; May 7.
- Nichols, Malcolm F. (See Phillips, Ross M. G., assignor.)
- Nichols, Olive B., Chicago, Ill. Culinary appliance. 2,016,554; Oct. 8.
- Nichols, Ralph, Elyria, Ohio. Traction device for athletic shoes or the like. 2,002,864; May 28.
- Nichols, William H., Waltham, Mass. Rotor cutting machine. 1,997,227; Apr. 9.
- Nichols, William H., Waltham, Mass. Conjugate curve generator. 1,997,228; Apr. 9.
- Nichols, William T., Rahway, N. J., assignor to Westvaco Chlorine Products, Inc., New York, N. Y. Purification of carbon tetrachloride. 2,016,804; Oct. 8.
- Nicholson, Frank H., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,021,944; Nov. 26.
- Nicholson, Frederick A., and W. T. Pritchard, Seattle, Wash., assignors to Stetson-Ross Machine Company. Apparatus for removing bark from logs. 2,005,799; June 25.
- Nicholson, Leonard, Woodford, Stockport, and W. Needham, Sale, England, assignors to General Electric Company. Electric heater. 1,998,330; Apr. 16.
- Nicholson, Mentor D., Cleveland, Ohio. Test plug. 1,993,307; Mar. 5.
- Nickel, Frederick E., assignor of one-fourth to R. A. Kierle and one-fourth to W. E. Phillips, San Diego, Calif. Radio controlled navigation apparatus. 2,007,477; July 9.
- Nickel, Thomas, assignor to The Curtiss Candy Company, Chicago, Ill. Display rack. 1,999,968; Apr. 30.
- Nickel, William F., Yonkers, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Controllug device for refrigerating apparatus. 2,012,136; Aug. 20.
- Nickels, Will H., et al. (See Lane, Kenneth M., assignor.)
- Nickelsen, John M., Ann Arbor, assignor to Monroe Auto Equipment Company, Monroe, Mich. Direct acting shock absorber. 2,004,380; June 11.
- Nickelsen, John M., assignor to Monroe Auto Equipment Company, Monroe, Mich. Attachment for carburetors. 2,020,903; Nov. 12.
- Nickerson, Franklin G., Attleboro, Mass. Motor vehicle sentinel. 1,999,471; Apr. 30.
- Nickerson, Franklin P., assignor to The W. S. Tyler Company, Cleveland, Ohio. Plural cloth screening apparatus. 1,997,740; Apr. 16.
- Nickerson, Kenneth W., Dedham, Mass. Syringe renovator. 1,999,571; Apr. 30.
- Nickerson, Stacy M., Newton, Mass. Shank stiffener with attaching means. 1,990,247; Feb. 5.
- Nickerson, William H., Newton, Mass. Shank stiffener for shoes. 2,013,168; Sept. 3.
- Nickl, Edwin F., Cedar Grove, assignor to International Communications Laboratories, Inc., Newark, N. J. Remote control device. 1,989,767; Feb. 5.
- Nickle, Clifford A., Schenectady, N. Y., assignor to General Electric Company. Humidity responsive device. 2,019,355; Oct. 29.
- Nickles, Edward B., assignor to Manitowoc Shipbuilding Corporation, Manitowoc, Wis. Friction clutch. 1,991,569; Feb. 19.
- Nicles, Hiram W., assignor to Vento Steel Sash Company, Muskegon Heights, Mich. Window lock and handle. 2,005,953; June 25.
- Nicodemus, Otto. (See Wulff, C., Nicodemus, and Treppenbauer.)
- Nicodemus, Otto, W. Schmidt, Frankfort-on-the-Main-Hochst, A. Ossenbeck, Cologne-Mulheim, and E. Tietze, Cologne-on-the-Rhine, assignors to General Aniline Works, Inc., New York, N. Y. Preparing aminoalkyl-sulphonic acids. 1,999,614; Apr. 30.
- Nicodemus, Otto, Frankfort-on-the-Main-Hochst, and O. Wulff, Hofheim in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-Main, Germany. Beta-piperidine sulphonic acids and their preparation. 2,008,292; July 16.
- Nicodemus, Otto, and W. Weibezahn, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main-Hochst, Germany. Preparing vinyl esters. 2,021,873; Nov. 19.
- Nicodemus, Otto, Frankfort-on-the-Main-Hochst, and O. Wulff, Hofheim-in-the-Taunus, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Resin acid derivatives and preparing the same. 2,023,337; Dec. 3.
- Nicol, George A., Jr., New Rochelle, assignor to George A. Nicol Corporation, New York, N. Y. Insulation and method of manufacture. 2,019,233; Oct. 29.
- Nicol, George A., Corporation. (See Nicol, George A., Jr., assignor.)
- Nicolas, Jean, assignor to Compagnie Lilloise De Moteurs, Levallois-Perret, France. Pump-injector apparatus. 2,014,088; Sept. 10.
- Nicolas, William A., Macon, Mo. Tennis racket restrainer. 2,012,476; Aug. 27.
- Nicolau, Pedro J., Lewiston, Maine. Shoe. Des. 95,059; Apr. 2.
- Nicolich, Joseph, San Jose, Calif. Stand. 2,026,097; Dec. 31.
- Nicoll, B., & Company. (See Howard, William S., assignor.)
- Nicollet, Edouard A., assignor to Paramount Wire Co. Inc., New York, N. Y. Wire package. 2,015,153; Sept. 24.
- Nicolette, Joseph F., San Francisco, Calif. Baking utensil. 1,997,872; Apr. 16.
- Nicols, Domenic, Los Angeles, Calif. Lock. 2,021,803; Nov. 19.
- Nicolson, Alexander M., New York, assignor to Communication Patents, Inc., New York, N. Y. Combination radio receiver and timepiece. 2,005,158; June 18.
- Nicolson, Alexander McL., assignor to Communication Patents, Inc., New York, N. Y. Television mirror system. 2,006,812; July 2.
- Nicolson, Alexander McL., assignor to Communication Patents, Inc., New York, N. Y. Electrical transmission and direction finding system. 2,007,211; July 9.
- Nicolson, Alexander McL., assignor to Communications Patents, Inc., New York, N. Y. Thermionic switching system. 2,007,809; July 9.
- Nicolson, Alexander McL., assignor to Communication Patents, Inc., New York, N. Y. Television system. 2,010,240; Aug. 6.
- Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Television system. 2,011,947; Aug. 20.
- Nicolson, Alexander McL., assignor to Communications Patents, Inc., New York, N. Y. Acoustic disseminator. 2,013,695; Sept. 10.
- Nicolson, Alexander McL., assignor to Communications Patents, Inc., New York, N. Y. Horologe system. 2,020,039; Nov. 5.
- Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Multiplex signaling. 2,021,743; Nov. 19.
- Nicolson, Alexander McL., assignor to Communication Patents, Inc., New York, N. Y. Light conditioning and distribution system. 2,022,144; Nov. 26.
- Nicot, George, Palm Beach, Fla. Game. 1,998,786; Apr. 23.
- Niday, Everett F., Altadena, Calif. Starting block. 1,990,497; Feb. 12.
- Niday, Everett F., Altadena, Calif. Starting block. 2,004,172; June 11.
- Niedecken, Edward F., Milwaukee, Wis. Shower bath cabinet. 2,002,789; May 28.
- Niederer, Otto, Titusville, N. J. Egg candler and grader combined. 2,004,338; June 11.
- Niederer, Otto, Titusville, N. J. Egg grading scale. 2,004,339; June 11.
- Niederhauser, Jakob, Wettingen, Switzerland, assignor of one-half to Richard Suter, Cleveland, Ohio. Transmission mechanism. 2,002,709; May 28.
- Niederstrom, August, Hanover, assignor to Voss & Sasse, Stuhlfabriken, Lauenau, (Deister), Germany. Frame for chairs, tables, and the like. 2,006,576; July 2.
- Niederl, Joseph B., Brooklyn, N. Y., assignor, by mesne assignments to Röhms & Haas Company, Philadelphia, Pa. Producing substituted phenols. 2,005,032; July 16.
- Niederle, Max, Miami, Fla. Solar water heater. 1,989,999; Feb. 5.
- Niederreither, Hans, Munich, assignor to the firm Druckzersetzer G. m. b. H., Berlin, Germany. Pressure electrolyzer for the production of hydrogen and oxygen. 2,007,096; July 2.
- Nielsen, Adser C. (See Mehlsen, J. K., and Nielsen.)
- Nielsen, Carl A. (See Moore, H. A., and Nielsen.)
- Nielsen, Carl L. C., and A. K. Pedersen, Luck, Wis. Water closet ventilating device. 1,997,695; Apr. 16.
- Nielsen, Charles I., Weehawken, N. J. Incinerator. 2,007,657; July 9.
- Nielsen, Christian, assignor to Illinois Elevator Company, Chicago, Ill. Elevator door control. 2,009,342; July 23.

- Nielsen, Clarence C., Milwaukee, Wis. Closure for collapsible tubes. 1,997,116; Apr. 9.
- Nielsen, Emil J., Rockford, assignor, by mesne assignments, to A. Dullere, Freeport, Ill. Construction for toilet seats and covers. 2,021,425; Nov. 19.
- Nielsen, Erik R., assignor to C. S. Miner, Chicago, Ill. Coffee resistant to urn deterioration. 2,007,340; July 9.
- Nielsen, Frederik, Quincy, Mass. Automobile centering means. 2,010,462; Aug. 6.
- Nielsen, Helmuth H., East Foxboro, Mass. Oil burner. 2,019,763; Nov. 5.
- Nielsen, Henrik, Oslo, Norway. Manufacturing bricks. 1,995,576; Mar. 26.
- Nielsen, Herluf, New York, N. Y. Headlight. 1,988,391; Jan. 15.
- Nielsen, Herluf, New York, N. Y. Headlight. 2,006,248; June 25.
- Nielsen, Herman C., Detroit, Mich., assignor to National Wood Products Co. Wood block flooring. 2,015,813; Oct. 1.
- Nielsen, Niels. (See Middelboe, K., and Nielsen.)
- Nielson, Niels, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smith & Co., New York, N. Y. Manufacture of cement. 2,015,866; Oct. 1.
- Nieman, Alfred C., Newark, N. J. Apparatus for inserting valves in pipe lines. 1,989,768; Feb. 5.
- Nieman, Henry W., Bethlehem, Pa., assignor to Bethlehem Steel Company. Adjusting mechanism. 2,019,792; Nov. 5.
- Nieman, Henry W., Bethlehem, Pa., assignor to Bethlehem Steel Company. Cleaning metallic sheets. 1,999,822; Apr. 30.
- Nieman, Henry W., Bethlehem, Pa., assignor to Bethlehem Steel Company. Apparatus for and method of applying tin to metallic sheets. 2,025,768; Dec. 31.
- Nieman, John F., Stamford, Conn. Building construction. 2,008,672; July 23.
- Niemann, Arthur W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic switching device for phonographs. 1,986,595; Jan. 1.
- Niemann, Frederick A., assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Tabulator. 2,026,245; Dec. 31.
- Niemann, Georg. (See Scheurer, W., and Niemann.)
- Nienbold, Johannes, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Glow-discharge vessel filled with gas or vapor. 2,011,372; Aug. 13.
- Nier, Bruno, Bielefeld, Germany. Hurricane lantern. 2,004,826; June 11.
- Nier, Henry V., Los Angeles, Calif. Garment. 2,008,152; July 16.
- Nienhaus, Friedrich W., Dortmund, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Manufacturing forged, pressed, or rolled work pieces, especially crank shafts. 1,994,863; Mar. 19.
- Nierack, Fernand, Chelmsford, assignor to Chelmsford Egg Supply Company (1934) Limited, London, England. Preserving foodstuffs. 2,001,628; May 14.
- Niessen, Paul, Wicrath, Germany, assignor to The Turner Tanning Machinery Company, Portland, Maine. Machine for operating upon hides, skins, and leather. 1,996,877; Apr. 9.
- Niessner, Moritz. (See Müller, W. J., and Niessner.)
- Nightingale, Harry C., Paterson, N. J. Scanning device. 1,997,307; Apr. 9.
- Nightingale, Robert G., Baltimore, Md., assignor to R. J. Nightingale, Cleveland, Ohio. Hand hold for aeroplanes and the like. 2,011,253; Aug. 13.
- Nightingale, Robert G., Baltimore, Md., assignor to R. J. Nightingale, Cleveland, Ohio. Aeroplane. 2,011,254; Aug. 13.
- Nightingale, Robert J. (See Nightingale, Robert G., assignor.)
- Nigro, Michel, assignor to Sleeper & Hartley, Inc., Worcester, Mass. Machine for coiling metal strip. 1,997,197; Apr. 9.
- Nihon Kogyo Kabushiki. (See Suzuki, Tomiji, assignor.)
- Niklason, Clarence R., Washington, D. C. Ice cream cone. 1,988,392; Jan. 15.
- Nikoloff, Luben, Boston, Mass. Thread cutting die. 1,988,046; Jan. 15.
- Niles, Glenn H., Ridgewood, N. J., assignor to Improved Equipment-Russell Engineering Corporation, New York, N. Y. Vertical retort bench. 2,008,334; July 16.
- Nilson, John L., Chicago, Ill. Swab holding device. 2,014,602; Sept. 17.
- Nilson, John L., Chicago, Ill. Wringer mop. 2,018,413; Oct. 22.
- Nilson, Leonard D., assignor to Tropic-Aire, Incorporated, Minneapolis, Minn. Heating apparatus for automotive vehicles. 2,019,991; Nov. 5.
- Nilsson, Nils E., Gottenborg, Sweden. Centrifugal casting apparatus for dental purposes. 1,992,880; Feb. 26.
- Nilsson, Nils T. A., Elma, Wash. Flea beetle catcher. 2,002,041; May 21.
- Nilsson, Oscar F. (See Boas, J., and Nilsson.)
- Nilsson, Wilhelm, Sundsvall, Sweden. Apparatus for the manufacture of cheese. 2,016,612; Oct. 8.
- Nimzik, Harry J. (See Martin, C. J., and Nimzik.)
- Nina, Anthony A., Philadelphia, Pa., assignor to Television Laboratories, Ltd., San Francisco, Calif. Separable tube connector. 2,000,570; May 7.
- Ninde, Francis E., Tulsa, Okla. Burial vault. 2,012,016; Aug. 20.
- Nineteen Hundred Corporation. (See Keil, Gustav B., assignor.)
- Ninkkanen, William P., and S. Mikkonen, Portland, Ore. Combination drafting table and instruments therefor. 2,000,247; May 7.
- Nipher, Edwin T., Marietta, Ohio, assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Making shovels and the like. 2,007,583; July 9.
- Nippon Trading Company, The. (See Seiki, Kazuo, assignor.)
- Nirandyitch, Nilsola. (See Škorić, Danilo, assignor.)
- Nirdlinger, Patrick A., assignor to Operay Laboratories Inc., Madison, Wis. Portable surgical lamp. 2,012,284; Aug. 27.
- Nirenberg, M., Sons Inc. (See Dormandy, Garry J., assignor.)
- Nisbet, Kenneth R., Washington, D. C. Valve operating mechanism. 1,988,212; Jan. 15.
- Nisbet, Theodore B., Irvington-on-the-Hudson, assignor to Edward T. Condon, New York, N. Y. Wing shield support. 1,988,016; Jan. 15.
- Nisbet, Walker R., Sonora, Tex. Dehorning device. 1,994,864; Mar. 19.
- Nishi, Hirohisa, Kimiidera-Mura, Kaiso-Gun, Wakayama-Ken, Japan. Arrangement for starting flight requiring no gliding. 2,008,464; July 16.
- Nishi, Hirohisa, Kimiidera-Mura, Kaiso-Gun, Wakayama-Ken, Japan. Arrangement for starting flight requiring no gliding. 2,014,051; Sept. 10.
- Nissen, Johannes S. K., Copenhagen, Denmark. Conveyer hook for overhead pipe-tracks and the like. 1,991,818; Feb. 19.
- Nisson, Philip S., Brooklyn, assignor to The Gray Processes Corporation, Newark, N. J. Sweetening petroleum oil. 2,016,342; Oct. 8.
- Nistri, Umberto, Rome, Italy. Optical device for the control of flight. 2,019,234; Oct. 29.
- Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Dispensing container. 1,981,134; Jan. 15.
- Nitardy, Ferdinand W., Brooklyn, N. Y., W. G. Christensen, Bloomfield, N. J., and J. L. Deuble, Brooklyn, assignors to E. R. Squibb & Sons, New York, N. Y. Therapeutic composition. 1,995,776; Mar. 26.
- Nitrallory Corporation, The. (See Fry, Adolf, assignor.)
- Nitsch, Charles H., assignor to Stokes and Smith Company, Philadelphia, Pa. Box machine. 2,000,712; May 7.
- Nitschke, Kurt. (See Pirani, M., and Nitschke.)
- Nitzschke, Oswin. (See Henglein, F. A., and Nitzschke.)
- Niukkanen, William P., Portland, Ore. Pinking machine. 1,995,683; Mar. 26.
- Niven, Alfred. (See Murphy, E. A., and Niven.)
- Niven, Alfred. (See Murphy, E. A., Niven, and Twiss.)
- Niven, Archie M., assignor, by mesne assignments, to Continental Aircraft Engine Company. Internal combustion engine. 1,987,307; Jan. 8.
- Niven, Archie M., assignor, by mesne assignments, to Continental Motors Corporation, Detroit, Mich. Internal combustion engine. 2,022,898; Dec. 3.
- Nixon, Ernest G., London, England. Web-fed printing machine. 1,999,472; Apr. 30.
- Nixon, Jedd D., assignor to S. S. McClendon, Jr., Houston, Tex., trustee. Method and apparatus for producing liquid from wells. 2,003,009; May 28.
- Nixon, Jedd D., assignor to S. S. McClendon, Jr., Houston, Tex., trustee. Fluid elevator. 2,003,010; May 28.
- Nixon, Leslie R. (See O'Donovan, D. E., and Nixon.)
- Noack, Karl, Berlin-Borsigwerke, Germany. New process for lubricating. 2,015,867; Oct. 1.
- Noack, Walter G., Baden, Switzerland, assignor to Holzwarth-Gasturbinen G. m. b. H., Mulheim-on-the-Ruhr, Germany. Compound explosion turbine. 1,987,631; Jan. 15.
- Noack, Walter G., assignor to Brown Boveri & Cie., Baden, Switzerland. Safety device for pressure fired steam generators. 1,991,114; Feb. 12.
- Noack, Walter G., assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Construction and operation of steam generators. 1,993,746; Mar. 12.
- Noack, Walter G., assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Multistage steam generator. 1,993,747; Mar. 12.
- Noack, Walter G., assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Steam generator. 1,993,748; Mar. 12.
- Noack, Walter G., Baden, Switzerland, assignor to The Holzwarth Gas Turbine Company, San Francisco, Calif. Method of and apparatus for supercharging explosion chambers. 2,010,823; Aug. 13.
- Noack, Walter G., Baden, Switzerland, and P. M. Schattschneider, Seckenheim, Germany, assignors to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Heat exchange plant. 1,997,229; Apr. 9.
- Nobbs, Percy E., Montreal, Quebec, Canada. Lighting system. 2,006,648; July 2.
- Nobel, Emil, et al. (See Romanoff, Hippolyte, assignor.)
- Noble, Aubrey E., Snyder, assignor to Daylite Tubes, Inc., Buffalo, N. Y. Lighting system. 2,024,011; Dec. 10.
- Noble, Aubrey E., Snyder, assignor to Daylite Tubes, Inc., Buffalo, N. Y. Lighting system for gaseous illuminating tubes. 1,993,111; Mar. 5.
- Noble, Charles. (See Podore, Joseph, assignor.)

- Noble Co., The. (See Baumflek, H. D., and Peck, assignors.)
- Noble and Cooley Company. (See Hiers, Ralph H., assignor.)
- Noble and Cooley Company. (See Hiers, Ralph H., and H. A., assignors.)
- Noble, F. H., & Co. (See Shields, John M., assignor.)
- Noble, Harrell V. (See Kozanowski, H. N., and Noble.)
- Noble, Harrell V. (See Mourontseff, I. E., and Noble.)
- Noble, Minnie E., Berkeley, Calif. Jig saw puzzle. 2,002,750; May 28.
- Noble, Oswald H., and W. J. Struewing, assignors to The Smith and Mills Company, Cincinnati, Ohio. Metal working machinery. 2,024,535; Dec. 17.
- Noble, Robert E. (See Iversen, L., Noble, and Bedell.)
- Noble, Royce J., Malden, assignor to Heveatex Corporation, Melrose, Mass. Preparation of reversible rubber compositions from rubber latex and their reversal. 1,995,747; Mar. 26.
- Noble, Royce J., Malden, assignor to Heveatex Corporation, Melrose, Mass. Preparing granulated rubber. 2,019,055; Oct. 29.
- Noble, Thomas, Mount Carroll, Ill. Distributor head for pneumatic conveyers. 2,019,926; Nov. 5.
- Noble, William H., assignor to Pennsylvania Pump & Compressor Co., Easton, Pa. Pump priming means. 1,995,812; Mar. 26.
- Noble & Wood Machine Company, The. (See McMartin, William B., assignor.)
- Noble & Wood Machine Co., The. (See Tolman, Charles P., assignor.)
- Noblitt, Quintin G., Indianapolis, assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Making lock-seams. 2,004,535; June 11.
- Noblitt, Quintin G., E. C. Booth, and E. Ludlow, assignors to Noblitt-Sparks Industries, Inc., Indianapolis, Ind. Muffler. 2,016,253; Oct. 1.
- Noblitt, Quintin G., E. C. Booth, and E. Ludlow, assignors to Noblitt-Sparks Industries, Inc., Indianapolis, Ind. Muffler. 2,016,254; Oct. 1.
- Noblitt-Sparks Industries, Inc. (See Goshorn, R. R., and Booth, assignors.)
- Noblitt-Sparks Industries, Inc. (See Noblitt, Quintin G., assignor.)
- Noblitt-Sparks Industries, Inc. (See Noblitt, Q. G., Booth, and Ludlow, assignors.)
- Nock, Elbridge E., Jr., assignor to Norfolk Mattress Company, Inc., Norfolk, Va. Convertible article of furniture. 2,022,603; Nov. 26.
- Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Pattern selection cabinet. 2,004,900; June 11.
- Nock, Joseph A., Jr., Tarentum, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy casting and making the same. 2,022,686; Dec. 3.
- Nock, Leo F., Elyria, Ohio. Permanent mold manufacture. 2,003,864; June 4.
- Nocken, Elisabeth, administratrix. (See Nocken T., and Neelmeier.)
- Nocken, Heinrich, Frankfort-on-the-Main, Germany. Thrust rod typewriter without shifting device. 1,990,415; Feb. 5.
- Nocken, Theodor, deceased, Leverkusen-I. G. Werk, Germany, by E. Nocken, Frankfort-on-the-Main, administratrix, and W. Neelmeier, Leverkusen-I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the naphthophenazine series. 2,001,975; May 21.
- Nodière, Victor, St.-Etienne, France. Safety bolt. 2,006,276; June 25.
- Nodler, Francis X., assignor of one-half to M. Nodler, Arkansas City, Ark. Method and appliance for determining degree of dough fermentation. 2,005,592; June 18.
- Nodler, Martha. (See Nodler, Francis X., assignor.)
- Noë, Alfons. (See Wallerstein, L., Pfannmüller, and Noë.)
- Noe, Sherod S., Mount Pleasant, Mich. Oil burner. 1,990,988; Feb. 5.
- Noel Manufacturing Company, Inc. (See Marcotte, Arshall G., assignor.)
- Noelle, William, Chicago, Ill. Airship. 1,988,328; Jan. 15.
- Noftzinger, George E., Elkhart, Ind. Toilet paper holder. 1,987,154; Jan. 8.
- Nofrango Limited. (See Waller, James H. de W., assignor.)
- Noftzger, Charles F., Chicago, Ill. Bearing and composition suitable therefor. 1,998,144; Apr. 16.
- Nozamy, Yaeji, Nagoya, Japan. Adjusting device of warp tension in automatic looms. 1,987,864; Jan. 15.
- Nozuchi, Shigeo, Miyagawa-Cho, Sakyo-Ku, Kyoto, Japan. Sound recording system. 2,019,020; Oct. 29.
- Nolan, Andy E. (See Moore, W. C., and Nolan.)
- Nolan, Frank J. (See Shelton, Robert R., assignor.)
- Nolan, James B., U. S. Navy. Bore sighting apparatus for large caliber guns. 1,994,177; Mar. 12.
- Nolan, John R., Houston, Tex., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Scaled package. 2,012,543; Aug. 27.
- Nolan, Roger A., U. S. Navy. Life belt. 2,017,868; Oct. 22.
- Noland, Barton H., New York, N. Y. Air regulating means for liquid fuel furnaces. 2,020,955; Nov. 12.
- Nold, John H., Hinsdale, and F. L. Stubbs, Western Springs, assignors to United States Gypsum Company, Chicago, Ill. Acoustical ceiling construction. 1,997,595; Apr. 16.
- Nold, William B., Chicago, Ill. Valve and float. 2,022,430; Nov. 26.
- Nolde and Horst Company, The. (See Börner, Richard P., assignor.)
- Nolde and Horst Company, The. (See Gosch, William H., assignor.)
- Nolde and Horst Company, The. (See McAdams, Harry, assignor.)
- Noll, Elmer R., assignor to The William Powell Company, Cincinnati, Ohio. High pressure globe valve. 1,991,621; Feb. 19.
- Noll, Elmer R., assignor to The William Powell Company, Cincinnati, Ohio. Valve. 2,001,035; May 14.
- Noll, John J., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Bottle stopper. 1,994,368; Mar. 12.
- Noll, Theobald H., St. Albans, N. Y. Electrically operated boiler. 2,016,291; Oct. 8.
- Nollau, Edgar H. (See McBurney, J. D., and Nollau.)
- Nollesche Werke Kom. Ges. (See Gleissner, Walter, assignor.)
- Nollesche Werke Kom. Ges. (See Müller, Wilhelm, assignor.)
- Nolte, Albert C. (See Schwab, Gustav, assignor.)
- Nolte, Benjamin F., Jr., Ashland, Ky. Safety impact switch. 2,013,924; Sept. 10.
- Nolte, John J., Los Angeles, Calif. Preparing, packaging, and serving frozen confections. 2,001,919; May 21.
- Nolte, Karl, assignor to Dortmund-Hörder Hüttenverein Aktiengesellschaft, Dortmund, Germany. Pile construction. 2,020,795; Nov. 12.
- Nolte, George F. (See Marten, E. R., and Nolte.)
- Nolte, George F. (See Picard, J. B., Schabarum, and Nolte.)
- Nolte, George F., assignor to Superior Engine Company, Inc., Springfield, Ohio. Fuel supply system. 2,019,578; Nov. 5.
- Nomosquito. (See Menasché, Vitali, assignor.)
- No-Nail Cases Proprietary Limited. (See Kamper, Andrew M., assignor.)
- No-Nail Cases Proprietary Limited. (See Kruse, Hermann H. J., assignor.)
- Non-Metallic Minerals, Incorporated. (See Patnoe, Walter W., assignor.)
- Nonnenbruch, Otto, Philadelphia, Pa., assignor, by mesne assignments, to Baldwin-Southwark Corporation. Variable governor linkage. 1,991,570; Feb. 19.
- Non-Run Fabric and Machine Co. (See Graenz, Alfred, assignor.)
- Nopola, Hjalmar K., Detroit, and M. M. Jarvinen, Grand Rapids, Mich. Intonation detector. 1,991,864; Feb. 19.
- Norberg, G. E. (See Nelson, Nels H., assignor.)
- Nor-Bolt Holding Corporation. (See Norwood, Harry G., assignor.)
- Norcross, LeRoy and T. E. Samuelson, Bushnell, Ill. Weed puller. 2,018,279; Oct. 22.
- Norcross, Thomas. (See Willshaw, H., Norcross, and Broadbent.)
- Nordall, John G., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulating system. 2,002,209; May 21.
- Nordberg Manufacturing Co. (See Butler, Robert S., assignor.)
- Nordberg Manufacturing Co. (See Gruender, Oscar C., assignor.)
- Nordberg Manufacturing Company. (See Symons, Edgar B., assignor.)
- Nordberg Manufacturing Co. (See Talboys, Henry H., assignor.)
- Nordberg, Olof G., Denver, Colo., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,018,968; Oct. 29.
- Norddeutsche Seekabelwerke A.-G. (See Studt, Ernst, assignor.)
- Norddeutschen Seekabelwerke A. G. (See Studt, E., and Meyer, assignors.)
- Nordell, Carl H., assignor to Lakeside Engineering Corporation, Chicago, Ill. Grit separator. 2,020,617; Nov. 12.
- Norden, Emil, assignor of one-half to H. P. Tinslar, Chicago, Ill. Parachute. 2,008,107; July 16.
- Nordengren, Sven G., assignor to Aktiebolaget Kemiska Patent, Landströma, Sweden. Decomposing raw phosphates. 2,002,547; May 28.
- Nordengren, Sven G., assignor to Aktiebolaget Kemiska Patent, Landströma, Sweden. Preparing super phosphate. 2,015,384; Sept. 24.
- Nordenswan, Carl J., Ekenas, Finland, and R. F. Schlaantine, Kennett Square, Pa., assignors to Hercules Powder Company, Wilmington, Del. Nitrated cellulose and method of producing. 1,999,572; Apr. 30.
- Nordlohne, Pierre J. H. A., and R. H. van Minnen, Eindhoven, Netherlands, assignors to Radio Corporation of America. Circuit arrangement for thermionic tubes. 1,987,968; Jan. 15.
- Nordmann, Leo, Berlin, Germany. Treating bast fiber. 2,009,944; July 30.
- Nordmark, Henry P., assignor to American Seating Company, Grand Rapids, Mich. Desk top. 2,013,542; Sept. 3.
- Nordmark, Henry P., and R. K. Merrill, assignors to American Seating Company, Grand Rapids, Mich. Desk. 2,006,603; July 2.

- Nordmarken, Alfred G., Minneapolis, Minn., assignor to W. M. Trepanier, Grand Forks, N. Dak. Dispensing device. 2,025,821; Dec. 31.
- Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Can feeding device. 2,007,981; July 16.
- Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Vacuum closing machine. 2,012,971; Sept. 3.
- Nordquist, Ronald E. J., and J. D. LeFrank, Maplewood, N. J., assignors to American Can Company, New York, N. Y. Closing machine. 2,010,031; Aug. 6.
- Nordquist, Ronald J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Printing machine. 1,990,498; Feb. 12.
- Nordstrom, Elof. (See Rue, H. E., and Nordstrom.)
- Nordstrom, James C., assignor of one-half to F. F. Wilson, also known as J. R. Wilson, Long Beach, Calif. Article carrying body belt. 2,025,886; Dec. 31.
- Nordstrom, Nels F., Minneapolis, Minn. Plow. 2,002,751; May 28.
- Nordstrom, Sven J., Oakland, assignor to Merco Nordstrom Valve Company, San Francisco, Calif. Valve. 1,994,618; Mar. 19.
- Nordstrom, Sven J., Piedmont, assignor to Merco Nordstrom Valve Company, San Francisco, Calif. Valve. 2,000,494; May 7.
- Nordstrom, Sven J., Piedmont, assignor to Merco Nordstrom Valve Company, San Francisco, Calif. Valve. 2,012,578; Aug. 27.
- Nore, Waldo D., North Pitcairn, Pa. Water lock boiler feed system. 2,001,431; May 14.
- Norén, Arthur O. (See Polson, O., Walters, Carlson, Ekholm, Norén, and Anderson.)
- Norfolk Mattress Company. (See Nock, Elbridge E., Jr., assignor.)
- Norge Corporation. (See Blood, Howard E., assignor.)
- Norge Corporation. (See Darbyshire, Leonard H., assignor.)
- Norgren, Carl A., Denver, Colo. Fire extinguisher. 2,001,394; May 14.
- Norling, Reinhold A., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Valve mechanism for portable tools. 1,999,369; Apr. 30.
- Norling, Reinhold A., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Pumping unit. 2,020,956; Nov. 12.
- Norlipp Company, The. (See Lippert, A. C., and Cramer, assignors.)
- Norma-Hoffmann Bearings Corporation. (See Bott, George R., assignor.)
- Norma-Hoffman Bearings Corporation. (See Witte, Alfred, assignor.)
- "Norma" Instrumenten Fabrik Bonwitt und Co. (See Bäuml, Maximilian, assignor.)
- Norman, Bertram H., Brookside, Market Harborough, assignor to R. & W. H. Symington & Company Limited, Market Harborough, England. Brassière or bust holder. 2,010,241; Aug. 6.
- Norman Confections, Inc. (See Snodgrass, Edward N., assignor.)
- Norman Confections, Inc. (See Snodgrass, E. N., and Holy, assignors.)
- Norman, Edwin T. (See Weckerly, H. D. G., and Norman.)
- Norman, Ernest B., and G. A. Pettit, assignors to Reliance Machine & Stamping Works, Inc., New Orleans, La. Laterally fed high pressure grease gun. 1,987,748; Jan. 15.
- Norman-Hoffmann Bearings Corporation. (See Bott, George R., assignor.)
- Norman, Mathew G., Wewoka, Okla. Drain trap. 2,017,767; Oct. 15.
- Norman, Melbourne G. (See McMurray, H. G., and Norman.)
- Norman, Nathaniel C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control in signaling systems. 2,002,961; May 28.
- Normelli, Wulf B., Strasbourg, France. Absorption refrigerating machine with heat recovery. 2,017,471; Oct. 15.
- Normelli, Wulf B., Berlin-Charlottenburg, Germany. Refrigerating machine operating with a solid absorbent. 2,019,356; Oct. 29.
- Norquist, Victor C., assignor to Butler Manufacturing Company, Kansas City, Mo. Coal stoker smoke eliminator. 1,991,224; Feb. 12.
- Norquist, Victor C., assignor to Butler Manufacturing Company, Kansas City, Mo. Filter. 1,996,000; Mar. 26.
- Norquist, Victor C., assignor to Butler Manufacturing Company, Kansas City, Mo. Coal stoker agitator. 2,005,651; June 18.
- Norquist, Victor C., assignor to Butler Manufacturing Company, Kansas City, Mo. Filter. 2,013,634; Sept. 3.
- Norquist, Victor C. (See Nelson, J., and Norquist.)
- Norris, Alfred E., Seattle, Wash. Shoe heel. 2,017,768; Oct. 15.
- Norris, Charles B. (See Meyercoed, G. R., Basquin, and Norris.)
- Norris, Charles B., Grand Rapids, Mich., assignor, by mesne assignments, to Reconstruction Finance Corporation. Heating panel. 1,996,522; Apr. 2.
- Norris, Charles B., Grand Rapids, Mich., assignor, by mesne assignments, to Reconstruction Finance Corporation. Gluing. 1,999,253; Apr. 30.
- Norris, Charles B., Grand Rapids, Mich., assignor, by mesne assignments, to Reconstruction Finance Corporation. Machine for drying sheet material. 2,007,833; July 9.
- Norris, Charles B., Grand Rapids, Mich., assignor, by mesne assignments, to Reconstruction Finance Corporation. Method of and apparatus for gluing. 2,018,736; Oct. 29.
- Norris, Chester C., Atlanta, Ga. Lens strap. 1,986,782; Jan. 1.
- Norris, Clarence, Washington, D. C. Slide rule. 1,987,536; Jan. 8.
- Norris, Eric D. T., Hollinwood, England, assignor to Ferranti Inc., New York, N. Y. Regulation of voltage. 2,020,796; Nov. 12.
- Norris, George B., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Conveyor mechanism. 1,986,596; Jan. 1.
- Norris, John W., assignor to Lennox Furnace Company, Marshalltown, Iowa. Furnace construction and control means therefor. 2,015,960; Oct. 1.
- Norris, Kenneth T., and H. E. Rathbun, Los Angeles, Calif., said Rathbun assignor to said Norris. Umbrella structure. 2,008,465; July 16.
- Norris, Marvin L., Fort Wayne, Ind., assignor to General Electric Company. Clutch. 2,000,713; May 7.
- Norris, Paul, Ardmore, assignor of forty-five one-hundredths to R. McKittrick, Villanova, Pa. Container closure. 2,002,125; May 21.
- Norris, Ralph F. (See Lee, H. C., and Norris.)
- Norris, W. C. (See Barney, William R., assignor.)
- Norris, William J. (See Schwab, A. W., and Norris.)
- Norristown Foundry Company. (See O'Hara, Charles G., assignor.)
- Norsk Hydro-Elektrisk Kvaelfstofaktieselskab. (See Foss, Antonius, assignor.)
- Norsk-Hydro-Elektrisk Kvaelfstofaktieselskab. (See Stephansen, Nicolai, assignor.)
- North Bros. Mfg. Co. (See Fegley, T. J., and Leopold, assignors.)
- North, Charles E., Montclair, N. J., assignor to The Creamery Package Mfg. Company, Chicago, Ill. Apparatus for washing and sterilizing milk pasteurizing containers. 1,987,865; Jan. 15.
- North, Charles W. (See Dreyfus, H., Dickie, and North.)
- North, Clayton O., Nitro, W. Va., assignor, by mesne assignments, to H. S. Kreighbaum, Akron, Ohio. Esters of ethylene glycol ethers. 2,010,560; Aug. 6.
- North, Clayton O., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Manufacture of an accelerator for rubber vulcanization. 2,024,470; Dec. 17.
- North, Don F., Castle Shannon, Pa., assignor to Hercules Powder Company, Wilmington, Del. Blasting cap. 2,012,827; Aug. 27.
- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Lock. 2,001,262; May 14.
- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Lock. 2,002,453; May 21.
- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Illuminated mirror. 2,004,054; June 4.
- North, Edwin W., assignor, by mesne assignments, to Landstrom Furniture Corporation, Rockford, Ill. Table. 2,017,289; Oct. 15.
- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Hinge. 2,020,695; Nov. 12.
- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Hinge. 2,020,696; Nov. 12.
- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Combination locker lock. 2,023,742; Dec. 10.
- North, George H., Cranston, R. I., assignor to Norton Company, Worcester, Mass. Lapping machine. 2,026,429; Dec. 31.
- North & Judd Manufacturing Company. (See Freysinger, John B., assignor.)
- North, Mortimer S. (See Schreiber, Louis H., assignor.)
- North, Oliver D., and P. G. Hugh, assignors to Scammell Lorries Limited, London, England. Motor tractor and trailer. 2,006,000; June 25.
- North, Oliver D., and P. G. Hugh, assignors to Scammell Lorries Limited, London, England. Coupling for tractor and trailer units of motor vehicles. 2,015,227; Sept. 24.
- North, Oliver D., Chelsea, London, and P. G. Hugh, assignors to Scammell Lorries Limited, London, England. Puncture indicator for pneumatic tires. 2,021,568; Nov. 19.
- North, Rubn, assignor to B. Livingston, Baltimore, Md. Ring and constructing same. 2,009,783; July 30.
- North, Samuel N., Rising Sun, and T. J. Gurley, Patriot, said North assignor to A. L. Lowe, Patriot, Ind. Milk strainer. 2,002,865; May 28.
- North, Thomas C., Blairsville, Pa. Clamp. 2,021,082; Nov. 12.
- Northam, Alfred J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanization of rubber. 2,006,057; June 25.
- Northam Warren Corporation. (See Bensel, Duryea, assignor.)
- Northam Warren Corporation. (See Boyd, Thomas S., assignor.)
- Northam Warren Corporation. (See Brekke, Marshall T., assignor.)
- Northam Warren Corporation. (See Kaparin, Otto, assignor.)
- Northam Warren Corporation. (See Nagl, Carl J., assignor.)

- Northam Warren Corporation. (See Nagl, C. J., and Scanlon, assignors.)
 North American Aviation, Inc. (See Clark, Virginius E., assignor.)
 North American Aviation, Inc. (See Fox, Harold E., assignor.)
 North American Aviation, Inc. (See Kingston, Earle G., assignor.)
 North American Aviation, Inc. (See Schnetzer, Siegfried, assignor.)
 North American Car Corporation. (See Brigham, Edmund D., Jr., assignor.)
 North American Car Corporation. (See Edgerton, Israel V., assignor.)
 North American Car Corporation. (See Lithgow, J., and Gray, assignors.)
 North American Chemical Company. (See Eaton, Charles F., assignor.)
 North American Holding Corporation. (See Avery, Alfred H., assignor.)
 North American Rayon Corporation. (See Beplate, V., and Brauer, assignors.)
 North American Rayon Corporation. (See Bitter, J. L., and Baumert, assignors.)
 North American Rayon Corporation. (See Bley, Rudolph S., assignor.)
 North American Rayon Corporation. (See Brauer, Paul, assignor.)
 North American Rayon Corporation. (See Byron, Thomas H., assignor.)
 North American Rayon Corporation. (See Carter, Ralph H., assignor.)
 North American Rayon Corporation. (See Elling, Hugo, assignor.)
 North American Rayon Corporation. (See Ellsner, Richard, assignor.)
 North American Rayon Corporation. (See Ellsner, R., and Carter, assignors.)
 North American Rayon Corporation. (See Etzkorn, Rudolf, assignor.)
 North American Rayon Corporation. (See Funcke, J. C., and Chisholm, assignors.)
 North American Rayon Corporation. (See Grumney, S. D., and Carter, assignors.)
 North American Rayon Corporation. (See Herrmann, Conrad, assignor.)
 North American Rayon Corporation. (See Stöckly, J. J., and Brötz, assignors.)
 North American Rayon Corporation. (See Stoeckly, Johann J., assignor.)
 North American Refractories Company. (See McKinley, J. M., assignor, and Carter.)
 Northbilt Manufacturing Co. (See Levy, Harry A., assignor.)
 Northcutt, Robert T., Cranford, and A. L. Johnston, Jr., Plainfield, N. J., assignors, by mesne assignments, to Food Concentrates, Inc., New York, N. Y. Producing a food powder. 2,000,533; May 7.
 North East Appliance Corporation. (See Hutchins, W. H., and Lee, assignors.)
 North East Appliance Corporation. (See Lee, Thomas L., assignor.)
 North East Appliance Corporation. (See Sullivan, Raymond H., assignor.)
 Northern Equipment Company. (See Veenschoten, Vincent V., assignor.)
 Northern Machine Co. (See Kamborian, Jacob S., assignor.)
 Northern Machine Co. (See Ray, George M., assignor.)
 Northern Maine Plywood Company. (See Winchell, Thomas R., assignor.)
 Northern Malleable Iron Company. (See Emry, Clyde L., assignor.)
 Northrop Corporation, The. (See Burns, Bruce, assignor.)
 Northrop, Dennis E., and R. C. Burton, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Refining organic acid esters of cellulose. 2,024,246; Dec. 17.
 Northrop, Jonas, assignor to Draper Corporation, Hopedale, Mass. Filling cutter. 2,009,901; July 30.
 Northrup, Dennis E., and A. W. Crane, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Producing organic cellulose ester molding powders and product thereof. 1,991,115; Feb. 12.
 Northrup, Edwin F., Princeton, assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Induction furnace, method, and apparatus. 1,986,353; Jan. 1.
 Northrup, Edwin F., Princeton, assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Electric induction apparatus. 1,989,376; Jan. 29.
 Northrup, Edwin F., Princeton, assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Muffle inductor electric furnace. 1,997,741; Apr. 16.
 North Shore News Co. (See Bauer, Paul S., assignor.)
 Northup, Amos E., Pleasant Ridge, Mich., assignor to The Murray Corporation of America. Vehicle body. 2,023,238; Dec. 3.
 North Vernon Industries, Inc. (See Platter, Orval R., assignor.)
 Northwest Engineering Company. (See Burke, Paul, assignor.)
 Northwest Paper Company, The. (See Bahr, William, assignor.)
 Northwest Paper Company. (See Textor, Clinton K., assignor.)
 Northwestern Barb Wire Company. (See Bradley, Albert, assignor.)
 Northwestern Barb Wire Company. (See Bradley, Albert F., assignor.)
 Northwestern Barb Wire Company. (See Bradley, A., and Foley, assignors.)
 Northwestern Barb Wire Company. (See Dillon, Paul W., assignor.)
 Northwestern Corrugated Box Company. (See Oman, Joseph P., assignor.)
 Northwestern Trust Company, executor, et al. (See Westerbeek, Frederick.)
 Northwood Hosiery Company. (See Margerison, Albert E., assignor.)
 Norton, Aaron F., Los Angeles, Calif. Temperature regulating device. 2,024,471; Dec. 17.
 Norton, Allen B., Shaker Heights, assignor to Aluminum Company of America, Pittsburgh, Pa. Mold for casting hollow articles. 2,018,222; Oct. 22.
 Norton, Charles E. (See Pfeifferle, G. H., and Norton.)
 Norton, Charles F., West Bend, assignor to The Louis Allis Company, Milwaukee, Wis. Electric motor. 2,017,255; Oct. 15.
 Norton, Charles L., Boston, Mass. Typewriter. 1,998,555; Apr. 23.
 Norton, Charles T., Scotia, N. Y., assignor to General Electric Company. Dial system. 1,994,321; Mar. 12.
 Norton, Charles W. (See Coxhead, R. C., and Norton.)
 Norton Company. (See Amidon, Charles H., assignor.)
 Norton Company. (See Belden, A. G., and Cole, assignors.)
 Norton Company. (See Belden, A. G., and Silven, assignors.)
 Norton Company. (See Beth, Hugo W. H., assignor.)
 Norton Company. (See Bush, A. O., and Martin, assignors.)
 Norton Company. (See Egger, Walter F., assignor.)
 Norton Company. (See Flygare, C. G., and Wood, assignors.)
 Norton Company. (See Fraser, Warren F., assignor.)
 Norton Company. (See Green, Clarence J., assignor.)
 Norton Company. (See Howe, Wallace L., assignor.)
 Norton Company. (See Martin, Richard H., assignor.)
 Norton Company. (See Milligan, L. H., and Armitage, assignors.)
 Norton Company. (See North, George H., assignor.)
 Norton Company. (See Ridgway, Raymond R., assignor.)
 Norton Company. (See Silven, Herbert A., assignor.)
 Norton Company. (See Van der Pyl, Edward, assignor.)
 Norton Company. (See Webster, Duane E., assignor.)
 Norton, Edward L., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Attenuation equalizer. 2,019,624; Nov. 5.
 Norton & Gregory Limited, et al. (See Murray, Humphrey D., assignor.)
 Norton, James P., assignor to Riley Stoker Corporation, Worcester, Mass. Automatic stoker. 2,003,385; June 4.
 Norton, Joseph F. (See Lonctaux, H. J., Norton, and Griffiths.)
 Norton Lasier Company. (See Norton, Lewis C., assignor.)
 Norton, Leland L., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Shock-absorbing mount. 2,014,581; Sept. 17.
 Norton, Leland D., and J. E. Renholdt, Bridgeport, Conn., assignors to Dictaphone Corporation, New York, N. Y. Twin phonograph. 2,026,398; Dec. 31.
 Norton, Lewis C., Pasadena, Calif., assignor to Norton Lasier Company, Chicago, Ill. Door closing and checking device. 2,024,472; Dec. 17.
 Norton, Raymond J., Washington, D. C., assignor, by mesne assignments, to Bendix-Cowdrey Brake Tester, Inc., New York, N. Y. Electrical brake tester. 1,986,406; Jan. 1.
 Norton, Raymond J., Washington, D. C., assignor to Bendix Brake Company, South Bend, Ind. Composite brake drum. 1,989,211; Jan. 29.
 Norton, Raymond P., Algona, Iowa. Valve reseating tool. 1,996,118; Apr. 2.
 Norton, Samuel H., Meadville, Pa., assignor to Hookless Fastener Company. Slide fastener. 1,998,331; Apr. 16.
 Norton, Sereno G., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Dehydrating pine oil. 2,003,458; June 4.
 Nortz, Franz, assignor to Fried, Krupp Aktiengesellschaft, Essen, Germany. Draft gear for railway vehicles. 2,022,253; Nov. 26.
 Norviel, Harry E., deceased, late of Anderson, Ind., by Anderson Banking Company, Anderson, Ind., Executor, assignor, by mesne assignments, to General Motors Corporation. Electric switch. 2,008,293; July 16.
 Norwick, Anthony T., Oakland, Calif. Spraying apparatus. 1,988,017; Jan. 15.
 Norvine, Andrew C., Passaic, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control circuits. 2,021,920; Nov. 26.
 Norwood, Donald W., Randolph Field, Tex. Photography. 1,992,233; Feb. 26.
 Norwood, Harry G., New York, assignor to Anna M. Percival, Long Island City, N. Y. Expansion bolt. 1,989,018; Jan. 22.
 Norwood, Harry G., deceased, by F. B. Powers, administrator, assignor to Nor-Bolt Holding Corporation, New York, N. Y. Self-locking drive expansion fastener. 2,006,813; July 2.

- Norwood, Harry Y., Rush, assignor to Taylor Instrument Companies, Rochester, N. Y. Hygostat. 1,991,059; Feb. 12.
- Norwood, Harry Y., assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 2,000,092; May 7.
- Norwood, Robert R., Mineral Wells, Tex. Surgical appliance. 2,024,301; Dec. 17.
- Noschang, Raymond J., Cincinnati, Ohio. Electrical coupling, swivel ring and sleeve construction. 2,014,288; Sept. 10.
- Noske, Rudolf, San Carlos, Calif. Mechanical movement shears. 2,020,567; Nov. 12.
- Notar, Joseph C., and W. C. Tegtmeyer, Davenport, Iowa, said Tegtmeyer assignor to said Notar. Dispensing apparatus. 2,023,375; Dec. 3.
- Nothstine, Paul A., Dayton, Ohio. Cartridge thermostat. 2,003,638; June 4.
- Notvest, Robert, assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Arc-welding machine. 2,014,813; Sept. 17.
- Novak, Albert, New York, N. Y. Advertising device. 2,021,083; Nov. 12.
- Novak, Izador J., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Friction element. 1,997,308; Apr. 9.
- Novak, Izador J., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Cresylic acid condensation product and making same. 2,013,523; Sept. 3.
- Novak, Izador J., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Saturating machine and using same. 2,022,687; Dec. 3.
- Novák, Pavel. (See Abramson, A., and Novák.)
- Novalsky, Abraham, Winnipeg, Manitoba, Canada. Ventilator. 2,023,339; Dec. 3.
- Novelty Electric Company. (See Mason, Charles E., assignor.)
- Novelty Sales Corporation. (See White, William A., assignor.)
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Delivering and stacking mechanism. 1,991,411; Feb. 19.
- Novick, Abraham, Flushing, N. Y., assignor to United States Envelope Company, Springfield, Mass. Machine for applying metallic fasteners to envelopes. 2,015,437; Sept. 24.
- Novocol Chemical Mfg. Inc. (See Goldberg, Samuel D., assignor.)
- Novopan Studiengesellschaft zur Herstellung besseren und billigeren Brotes m. b. H. (See Rüter, R., and Seidel, assignors.)
- Novotney, Thomas A., and L. N. Hunter, Johnstown, Pa., assignors to National Radiator Corporation. Heating apparatus. 1,998,167; Apr. 16.
- Novotny, Anton, assignor to Detroit Gray Iron Foundry Company, Detroit, Mich. Packing mechanism. 2,010,410; Aug. 6.
- Novotny, Emil E., Philadelphia, assignor to J. S. Stokes, Spring Valley Farms, Pa. Method and apparatus for molding thermoplastic material. 1,993,942; Mar. 12.
- Novotny, Emil E., Philadelphia, assignor to J. S. Stokes, Spring Valley Farms, Huntingdon Valley, Pa. Method of and apparatus for molding synthetic resinous articles. 1,997,074; Apr. 9.
- Novy, Elmer, assignor of forty per cent to E. L. Ley, Pittsburgh, Pa. Electric fixture. 2,023,283; Dec. 3.
- Nowack, Carl F., assignor to Eastman Kodak Company, Rochester, N. Y. Objective attaching means. 2,008,991; July 23.
- Nowak, Franz, Baltimore, assignor to The Porcelain Enamel and Manufacturing Company of Baltimore, Baltimore, Md. Production of articles having a multi-color finish. 2,021,820; Nov. 19.
- Nowicki, Martin. (See Kappenbender, H., and Nowicki.)
- Nowlan, John B., Cincinnati, Ohio, assignor to Meter Improvement Company, Fraud prevention means for electric meters. 2,016,501; Oct. 8.
- Nowosielski, Edward B., Sidney, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Magneto generator. 2,020,078; Nov. 5.
- Noxon, Jonathan W., Grand-Prairie Township, Barnes County, N. D. Receptacle holder. 2,025,607; Dec. 24.
- Noxon, Paul A., Jackson Heights, assignor to Western Union Telegraph Company, New York, N. Y. Channel repeater for telegraph systems. 2,014,908; Sept. 17.
- Nublat, René L. A., Paris, France. Process and apparatus for recording sound. 1,993,246; Mar. 5.
- Nublat, René L. A., Le Parc Saint-Maur, assignor to Société à Responsabilité Limitée: Société d'Etudes Pour l'Exploitation des Brevets Nublat, Paris, France. Method and apparatus for recording and reproducing mechanical vibrations. 2,025,608; Dec. 24.
- Nüchterlein, Karl, assignor to Ithage Kamerawerk Steenbergen & Company, Dresden, Germany. Reflex camera. 2,025,609; Dec. 24.
- Nuesslein, Joseph. (See Keller, K., Hopff, Eduard, and Nuesslein.)
- Nuesslein, Joseph. (See Ulrich, H., and Nuesslein.)
- Nugen, John A., Auburn, Ind., and W. Burckle, Robertson, Mo., said Burckle assignor to R. C. Nugen, Indianapolis, Ind. Lawn mower. 2,020,851; Nov. 12.
- Nugen, Roy C. (See Nugen, J. A., and Burckle, assignors.)
- Nu-Ice Company. (See Marcus, D. A., and Ogier, assignors.)
- Nulf, Oscar, and J. A. Farrell, Brockport, Pa. Jar holder. 1,992,322; Feb. 26.
- Numans, Johannes J., Hilversum, Netherlands, assignor to Radio Corporation of America. Thermionic generator. 2,010,881; Aug. 13.
- Nunan, Thomas J., Summit, assignor to The Clark Thread Company, Newark, N. J. Spooling machine. 2,016,046; Oct. 1.
- Nunes, Manuel A., Santa Clara County, Calif. Ladder. 2,005,384; June 18.
- Nunez, Higinio, Mexico D. F., Mexico. Neon tube sign mounting. 1,993,943; Mar. 12.
- Nunn, Gilmore N. (See Johnson, L. O., and Nunn.)
- Nunn, James H., Jr. (See Gore, H. C., and Nunn.)
- Nuske, Ferdinand A., East Malvern, Victoria, Australia. Production of fertilizer from cellulose materials by bacterial action. 2,004,706; June 11.
- Nussbaum, Melvin H., Bainbridge, Ga. Portable service tray. 2,016,970; Oct. 8.
- Nussbaum, Robert. (See Schröder, H., and Nussbaum.)
- Nüssli, Hans. (See Jacoby, H. E., and Nüssli.)
- Nutsford, Alfred, Farnborough, assignor to S. Smith & Sons (Motor Accessories) Limited, London, England. Indicating mechanism for measuring instruments. 2,017,183; Oct. 15.
- Nutt, Arthur, Eggertsville, assignor, by mesne assignments, to The Reed Propeller Co., Inc., Garden City, N. Y. Lubrication system. 2,000,714; May 7.
- Nutt, Buell W., assignor to Breathing Machines, Incorporated, Cleveland, Ohio. Ventilated eye goggle. 1,994,419; Mar. 12.
- Nutt, Donald B. (See Gleason, A. W., and Nutt.)
- Nutt, Frank N., Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Piston. 2,003,459; June 4.
- Nutt, Harold, assignor to The Borg & Beck Company, Chicago, Ill. Clutch plate. 1,992,626; Feb. 26.
- Nutt, Harold, assignor to The Borg & Beck Company, Chicago, Ill. Automatic clutch. 1,997,264; Apr. 9.
- Nutt, Harold, assignor to The Borg & Beck Company, Chicago, Ill. Automatic clutch. 1,997,265; Apr. 9.
- Nutt, Harold, and H. V. Reed, assignors, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,016,451; Oct. 8.
- Nutt, William C., and A. Wood, Youngstown, Ohio. Bumper. 1,996,433; Apr. 2.
- Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel and covering the same. 1,995,322; Mar. 26.
- Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Covering tool. 1,995,323; Mar. 26.
- Nuttelman, Arthur, West Salem, Wis. Corn husker. 2,001,351; May 14.
- Nutter, Frank E., assignor to Goodall Worsted Company, Sanford, Maine. Method of and apparatus for spinning a single-ply yarn comprising a blend of animal and vegetable fibers. 2,016,387; Oct. 8.
- Nutter, Okey K., New York, N. Y. Bottle seal. 2,021,084; Nov. 12.
- Nutter, William S., Sanford, and C. Holdsworth, Springvale, assignors to Goodall Worsted Company, Sanford, Maine. Mohair warp yarn and producing same. 1,987,632; Jan. 15.
- Nutting, Arthur, assignor to American Air Filter Company, Inc., Louisville, Ky. Air filter medium. 2,008,560; July 16.
- Nutting, Gerry B. (See Banfield, F. E., Nutting, and Wright.)
- Nutting, Howard S. (See Britton, E. C., Nutting, and Huscher.)
- Nutting, Howard S. (See Britton, E. C., Nutting, and Petrie.)
- Nutting, Howard S., E. C. Britton, M. E. Huscher, and P. S. Petrie, assignors to The Dow Chemical Company, Midland, Mich. Production of tertiary-butyl chloride. 1,993,719; Mar. 5.
- Nutting, Howard S., P. S. Petrie, and M. E. Huscher, assignors to The Dow Chemical Company, Midland, Mich. Making ethylidene chloride. 2,007,144; July 2.
- Nutting, Perley G. (See Adams, M., Howe, and Nutting.)
- Nutting, Perley G., Washington, D. C. Mineral filtering substance. 2,014,503; Sept. 17.
- Nutting, Perley G., Washington, D. C., assignor, by mesne assignments, to M. Jeannette Kaylor, Hagerstown, Md. Acid leaching. 1,991,819; Feb. 19.
- Nutting, Willard H., Piedmont, assignor to The Paraffine Companies, Inc., San Francisco, Calif. Finishing coating and applying the same. 2,011,182; Aug. 13.
- Nuway Engineering Corporation. (See Holmes, Frederick J., assignor.)
- Nuyts, Georges, Nanterre, assignor to Société Anonyme Etablissements Nuyts Freres, Nanterre, Seine, France. Support for glass capsules containing pharmaceutical products. 2,008,335; July 16.
- Nuyts, Georges A. H., Nanterre, France. Collapsible, automatic erection egg box. 2,010,437; Aug. 6.
- Nyberg, Herman. (See Gurton, W. S., Plint, and Nyberg.)
- Nyberg, Johannes, Stockholm, Sweden. Sight for anti-aircraft machine guns. 1,988,984; Jan. 22.
- Nyborg, Einar. (See Klammer, J. H., and Nyborg.)
- Nyborg, Marinus J. C., Columbia Heights, assignor of two-fifths to F. H. Hosmer, Minneapolis, Minn. Heat retarder. 2,002,020; May 21.
- Nyburg, Richard L., Detroit, Mich., assignor to A. B. See Elevator Company, Inc. Drive mechanism. 1,990,665; Feb. 12.

- Nyce, Peter Q., et al. (See Joy, Edward E., assignor.)
 Nycum, Homer C. (See Griscom, S. B., and Nycum.)
 Nydegger, George C., San Francisco, Calif., assignor to Shellmar Products Company, Chicago, Ill. Container. 2,009,511; July 30.
 Nydegger, Roland R., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Power transmitting device. 2,008,873; July 23.
 Nyden, Robert, Long Island City, assignor to Irving Florman, New York, N. Y. Combined cigarette case and lighter. 2,016,020; Oct. 1.
 Nye, Henry V., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Regulating system. 1,993,720; Mar. 5.
 Nye, Norman H., assignor to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Winding device. 2,016,509; Oct. 8.
 Nye, Norman H., assignor to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Spooling device. 2,016,510; Oct. 8.
 Nygaard, Johan, Brooklyn, N. Y. Artificial fish bait. 1,988,249; Jan. 15.
 Nygard, Charles, Branford, Conn. Abdominal truss. 1,989,244; Jan. 29.
 Nykard, Halvard F., assignor to Burgess Battery Company, Madison, Wis. Hand lamp. 1,986,281; Jan. 1.
 Nygren, Edgar E., assignor to The Foote-Burt Company, Cleveland, Ohio. Metal cutting machine. 2,025,070; Dec. 24.
 Nygren, Karl A., and J. A. Zschiesche, assignors to Globe Steel Tubes Co., Milwaukee, Wis. Tube rolling mill. 2,003,551; June 4.
 Nyhagen, Barney R., Bronx, N. Y. Perch construction for birds or animals. 1,998,787; Apr. 23.
 Nyhagen, Barney R., Bronx, N. Y. Necktie lining. 2,004,766; June 11.
 Nylund, Emil G. A., Uppsala, Sweden. Key-operated stringed musical instrument. 1,999,914; Apr. 30.
 Nyman, Alexander, Dobbs Ferry, assignor to Radio Patents Corporation, New York, N. Y. Series coupled amplifier. 1,986,597; Jan. 1.
 Nyman, Alexander, Dobbs Ferry, assignor to Dubilier Condenser Corporation, New York, N. Y. Electrical device. 2,001,282; May 14.
 Nyman, Alexander, Dobbs Ferry, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Series oscillator. 2,006,872; July 2.
 Nyman, Alexander, Dobbs Ferry, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Multiple discharge tube. 2,018,314; Oct. 22.
 Nyquist, August R., Roseau, Minn. Electrode for arc welding. 2,001,848; May 21.
 Nyquist, August R., Roseau, Minn. Electrode for arc welding. 2,015,814; Oct. 1.
 Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. Signaling circuit. 2,005,047; June 18.
 Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. Carrier current channel separation system. 2,016,452; Oct. 8.
 Nyselius, Gustav, New York, N. Y. Casting machine. 2,018,566; Oct. 22.
 Nystrom, Eric W. (See Meade, J. E., and Nystrom.)
 Nystrom, Harry. (See Olson, Andrew, assignor.)
 Nystrom, Karl F., Milwaukee, Wis. Apparatus for cooling air. 2,007,690; July 9.
 Nystrom, Martin, Chicago, Ill., assignor to United Research Corporation, Long Island City, N. Y. Phonograph. 1,993,073; Mar. 5.
 Nystrom, Martin, Chicago, Ill., assignor to United Research Corporation. Reproducing machine for film records. 2,008,033; July 16.
 Nystrom, Martin, Chicago, Ill., assignor to United Research Corporation, Queens County, N. Y. Apparatus for motion pictures. 2,024,869; Dec. 17.
 Nystrom, Oscar P., assignor to Holland Furnace Company, Holland, Mich. Motor support. 2,009,673; July 30.
 Nyvall, Yngve J., San Pedro, Calif. Archer's bow. 2,001,470; May 14.
 Nyvall, Yngve J., San Pedro, Calif. Fish lure. 2,010,641; Aug. 6.
 O. K. Tool Company. (See Reaney, Ernest, assignor.)
 O. K. Tool Company, The. (See Severson, Ole, assignor.)
 Oak Manufacturing Company. (See Arnold, R. M., and Dunn, assignors.)
 Oak Manufacturing Company. (See Dressel, Henry M., assignor.)
 Oak Manufacturing Company. (See Dressel, H. M., Allison, and Mastney, assignors.)
 Oak Manufacturing Company. (See Hall, H. C., and Wood, assignors.)
 Oak Manufacturing Company. (See Major, William, assignor.)
 Oak, Noah J., Lynn, Mass. Variable speed transmission device. 2,008,992; July 23.
 Oak Rubber Company, The. (See Jacobs, Jacob, assignor.)
 Oakes, Alfred C., Mount Vernon, Ohio. Glass cutting apparatus. 1,988,393; Jan. 15.
 Oakes, Ben. (See Allen, R. S., and Oakes.)
 Oakes & Burger Co. (See Babcock, Leo A., assignor.)
 Oakes & Burger Co. (See Wolf, Frank F., assignor.)
 Oakes, Joseph. (See Oakes, Stanley, and J.)
 Oakes Manufacturing Company, The. (See Abendroth, Elmer T., assignor.)
 Oakes Products Corporation. (See Hawkins, Walter L., assignor.)
 Oakes Products Corporation. (See Mabee, Alexander C., assignor.)
 Oakes Products Corporation. (See Smith, Fredrick A., assignor.)
 Oakes, Stanley and J., Waseca, Saskatchewan, Canada. Game. 2,020,158; Nov. 5.
 Oakey, Clarence S., Oriskany, assignor of one-half to S. M. Birch, Clinton, N. Y. Safety catch. 2,004,795; June 11.
 Oakey, William E., Oriskany, N. Y. Making extended surface convectors. 2,007,000; July 2.
 Oakey, William E., Oriskany, N. Y. Extended surface convector. 2,007,001; July 2.
 Oakland Chemical Company, The. (See McGraw, George, assignor.)
 Oakley, David S., Bristol, Tenn. Sanding machine. 1,986,520; Jan. 1.
 Oakley, David S., Bristol, Tenn. Stroker and mounting for sanding machines. 1,986,521; Jan. 1.
 Oakley, John, Springfield, assignor to Perkins Machine and Gear Company, West Springfield, Mass. Sprocket. 1,986,598; Jan. 1.
 Oakley, Percy D., and J. N. Aldington, Ashton-on-Ribble, assignors to Siemens Electric Lamps and Supplies Limited, London, England. Electric cathode glow device. 2,017,726; Oct. 15.
 Oakley, Walter W., assignor to Corning Glass Works, Corning, N. Y. Melting glass. 1,988,915; Jan. 22.
 Oaks, Orion O., Summit, N. J., and C. Teran, Bronxville, N. Y. Method and apparatus for flow control. 1,994,047; Mar. 12.
 Oathout, Charles E., Shaker Heights, assignor to The Kaynee Company, Cleveland, Ohio. Garment. 2,003,217; May 28.
 Oathout, Charles E., Shaker Heights, assignor to The Kaynee Company, Cleveland, Ohio. Garment. 2,020,568; Nov. 12.
 Obayashi, Sankichi, Hitachi-Cho, assignor to Kabushiki-Kaisha, Hitachi-Seisakusho, Tokyo, Japan. High speed vertical shaft type motor. 2,012,579; Aug. 27.
 Obbard, Norman B., Sewickley, Pa. Fence post. 2,008,794; July 23.
 Obenaus, Fritz. (See Martyr, E., and Obenaus.)
 Obenchain, Frank F. (See Burdette, Ernest F., assignor.)
 Ober, Ernst. (See Mueller-Conradi, M., and Ober.)
 Oberbeck, Joseph W. (See Muschong, P. J., Parr, and Oberbeck.)
 Oberdorfer, Max, St. Helens, Oreg. Impregnating paper with liquid. 2,018,280; Oct. 22.
 Oberem, William C., assignor to Hudson Motor Car Company, Detroit, Mich. Rear axle assembly. 2,016,343; Oct. 8.
 Oberg, Gunnard A. (See More, G., and Oberg.)
 Oberg, William C., Pittsburgh, Pa. Rail fastening. 2,024,870; Dec. 17.
 Obergfell, Herbert F., River Forest, and G. W. Eichenberg, Chicago, Ill., assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Circuit closing device. 1,999,823; Apr. 30.
 Oberhoffen, Alexander. (See Johnson, J. R., and Oberhoffen.)
 Oberkircher, Edward C., and C. G. Kaelin, Buffalo, N. Y., assignors, by mesne assignments, to Continental Divco Company, Detroit, Mich. Motor driven vehicle. 1,990,748; Feb. 12.
 Oberle, Alfred, et al. (See Bacsa, Johann, assignor.)
 Oberle, Alfred. (See Christiansen, Johannes, assignor.)
 Oberle, Alfred, Washington, D. C. Thermolizing carbonizable materials. 2,015,085; Sept. 24.
 Obermayer, Andrew H., St. Louis, Mo. Shirt and trouser connecting device. 2,014,052; Sept. 10.
 Obermayer, S., Company. (See Doyle, George F., assignor.)
 Oberschlesischer Berg- und Huttenmannischer, Verein e. V. (See Gieseler, Kurt, assignor.)
 Oberosier, Charles, Loveland, Colo. Piston ring expander and compressor. 2,012,200; Aug. 20.
 Oberphos Company, The. (See Shold, Mark, assignor.)
 Oberli, James M., San Francisco, Calif. Combined floor brush and duster. 1,991,693; Feb. 19.
 Oberli, James M., San Francisco, Calif. Dust cloth holder. 1,998,634; Apr. 23.
 O'Boyle, Thomas, Cleveland, assignor of one-half to H. Wright, Houston, Tex. Mixing apparatus. 2,005,800; June 25.
 O'bram, Nicolas, Antwerp, Belgium. Internal combustion engine receiving liquid fuel. 2,013,006; Sept. 3.
 O'Brien, Daniel D., Waukesha, Wis. Tear-open envelope. 2,024,701; Dec. 17.
 O'Brien, Frank J., Pelham Manor, assignor to Continental Can Company, Inc., New York, N. Y. Tamperproof container for distilled liquors. 1,996,682; Apr. 2.
 O'Brien, Fred B., Utica, N. Y. Domestic clothes washing machine and drier. 1,986,157; Jan. 1.
 O'Brien, Howard J., Alexandria, Ind., assignor to John-Manville Corporation, New York, N. Y. Moisture-resistant mineral wool. 2,019,021; Oct. 29.
 O'Brien, James, et al. (See Mackilligan, James A., assignor.)
 O'Brien, John J., assignor of one-half to M. W. O'Brien, South Bend, Ind. Motor mounting. 2,024,302; Dec. 17.
 O'Brien, Joseph F., et al. (See Snarck, Jack, assignor.)

- O'Brien, Matthew D., Los Angeles, and J. W. Burns, Culver City, assignors to Burns-O'Brien Disc Brake Corporation, Los Angeles, Calif. Brake. 2,014,630; Sept. 17.
- O'Brien, Miles W. (See O'Brien, John J., assignor.)
- O'Brien, Phillip J., Sacramento, Calif. Dampener operating means. 1,987,074; Jan. 8.
- O'Brien, R. J., and A. A. Rubin, Paterson, N. J. Sanitary napkin. 2,005,298; June 18.
- O'Brien, William J., et al. (See Juergens, John, assignor.)
- O'Brien, William J., Shaker Heights, and G. H. Mutersbaugh, Rocky River, assignors to The Glidden Company, Cleveland, Ohio. Making metallic soaps. 2,013,667; Sept. 10.
- O'Brien, William J., New York, N. Y., assignor to Radio Corporation of America. Electrical apparatus. 2,019,625; Nov. 5.
- Obrig, Theodore E., Greenwich, Conn., assignor to Gall & Lembe, Inc., New York, N. Y. Glass polisher. 2,024,303; Dec. 17.
- Obrow, Jeanette, New York, N. Y. Clothes hanger. 2,015,281; Sept. 24.
- Obstfeld, Lou, Brooklyn, N. Y. Securing device. 1,989,769; Feb. 5.
- O'Callaghan, Joseph, assignor of one-half to S. H. Moss, Cleveland, Ohio. Apparatus for making malt beverages. 1,992,089; Feb. 19.
- Ocean City Manufacturing Company. (See Kosma, Gustav, assignor.)
- O-Cedar Corp'n. (See Barton, Joseph W., assignor.)
- Ocenasek, William F., assignor to Walker-Turner Company, Inc., Plainfield, N. J. Tilttable support for tables. 1,996,825; Apr. 9.
- Ocenasek, William F., assignor to Walker-Turner Company, Inc., Plainfield, N. J. Power-driven tool. 2,008,673; July 23.
- Ocenasek, William F., assignor to Walker-Turner Company, Inc., Plainfield, N. J. Self-indexing miter gauge. 2,010,882; Aug. 13.
- Ochel, Willy, Berlin-Wittenau, assignors to A. Boesig Maschinenbau, A.-G., Berlin-Tegel, Germany. Regulating compressors. 1,994,146; Mar. 12.
- Ochel, Willy, Berlin-Wittenau, Germany, assignor to A. Borsig Maschinenbau, A. G., Berlin-Tegel, Germany. Regulating device. 2,019,723; Nov. 5.
- Ochwat, Paul. (See Kränzein, G., Ochwat, and Moldaenke.)
- Ockman, Tobias. (See Ellis, G. H., Ockman and Olpin.)
- Ockman, Tobias, G. Reeves, E. Stanley, H. C. Olpin and G. H. Ellis, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of dispersions. 2,007,382; July 9.
- O'Connell, Harold V., New York, N. Y. Exhalatory controller for inhalers. 2,016,212; Oct. 1.
- O'Connell, Joseph, and H. H. Kerr, Kensington, Victoria, Australia. Blending butter. 1,994,896; Mar. 19.
- O'Connell, Timothy M., Philadelphia, Pa. Votive light. 2,001,312; May 14.
- O'Connor, Alfred H. P. (See Snell, F. D., and O'Connor.)
- O'Connor, Arthur F., assignor to Equipment Specialties Company, Chicago, Ill. Brake mechanism. 2,016,388; Oct. 8.
- O'Connor, Dermot L. T., LaSalina, Maracaibo, Venezuela. Well packer. 2,009,198; July 23.
- O'Connor, Jerome. (See Jackson, James G., assignor.)
- O'Connor, John F., Chicago, Ill. Hand brake. 1,993,977; Mar. 12.
- O'Connor, John F., Chicago, Ill. Grate. 2,000,473; May 7.
- O'Connor, John F., Chicago, Ill. Door mounting and operating mechanism. 2,000,474; May 7.
- O'Connor, John F., assignor to W. H. Maier, Inc., Chicago, Ill. Railway draft rigging. 2,011,773; Aug. 20.
- O'Connor, John F., assignor to W. H. Miner, Inc., Chicago, Ill. Coupler and yoke connection. 2,022,732; Dec. 3.
- O'Connor, Raymond, New York, N. Y. Packing. 1,991,412; Feb. 19.
- O'Connor, William, Baltimore, Md. Curtain roller bracket. 2,013,500; Sept. 3.
- Odabashian, Serop, San Francisco, Calif. Aircraft. 1,995,717; Mar. 26.
- Odajima, Shuzo, Toba-Machi, Shima-Gun, assignor to Kobe Seiko-Sho, Ltd., Fukui-ku, Kobe, Japan. Spinning centrifugal motor arrangement. 2,019,827; Nov. 5.
- O'Dell, Leon H., Albion, assignor to Union Steel Products Company, Albion, Mich. Crate. 2,025,769; Dec. 31.
- Odell, Leslie S., assignor to Building Products Limited, Montreal, Quebec, Canada. Ornamented wall board for outside weatherproofing. 2,021,577; Nov. 19.
- Odell, Leslie S., assignor to Building Products Limited, Montreal, Quebec, Canada. Ornamented wall board for outside weatherproofing. 2,021,578; Nov. 19.
- Odell, Leslie S., assignor to Building Products Limited, Montreal, Quebec, Canada. Ornamented wall board siding for outside weatherproofing. 2,021,579; Nov. 19.
- Odell, William W., Chicago, Ill. Liquid fuel package. 1,990,499; Feb. 12.
- Odell, William W., Chicago, Ill. Special carbon black. 1,999,573; Apr. 30.
- Odell, William W., assignor of one-half to H. Rosenthal, New York, N. Y. Apparatus for dispensing liquids. 2,015,689; Oct. 1.
- Odell, William W., Chicago, Ill. Making combustible gas. 2,025,071; Dec. 24.
- Odenbach, John H., and J. Cattanaach, Rochester, N. Y., assignors to Dolomite Marine Corporation. Boat. 2,018,865; Oct. 29.
- Odendahl, Ludwig F., Springdale, Pa. Lunch box. 2,013,852; Sept. 10.
- Odenkirk, Harry C., Cleveland, Ohio. Railway switch controlling means. 2,017,769; Oct. 15.
- Odenwald, Jakob, Jersey City, N. J. Foldable table. 1,998,519; Apr. 23.
- Odman, Ogden R., Chicago, Ill. Rock handling device. 1,988,135; Jan. 15.
- O'Donnell, James B. (See O'Donnell, Philip L., assignor.)
- O'Donnell, Philip L., Cincinnati, Ohio. Adhesive material. 2,000,475; May 7.
- O'Donnell, Philip L., Norwood, Ohio. Seam taping machine. 2,008,085; July 16.
- O'Donnell, Philip L., Norwood, Ohio. Folding machine and method of folding. 2,018,866; Oct. 29.
- O'Donnell, Philip L., Norwood, Ohio. Device for using heat plastic binder tape with rotary folders. 2,018,867; Oct. 29.
- O'Donnell, Philip L., assignor to J. B. O'Donnell, Cincinnati, Ohio. Application of French binding. 2,018,868; Oct. 29.
- O'Donovan, Daniel E., Chelmsford, England, assignor to Radio Corporation of America. Electrical control circuits for thermionic rectifiers. 1,997,011; Apr. 9.
- O'Donovan, Daniel E., and L. R. Nixon, Chelmsford, England, assignors to Radio Corporation of America. Transmitting system. 1,991,027; Feb. 12.
- O'Dowd, Henry W., Jersey City, N. J., assignor to Standard Gas Equipment Corporation. Automatic lighter for gas ranges. 1,988,394; Jan. 15.
- O'Dowd, Henry W., Jersey City, N. J., assignor to Standard Gas Equipment Corporation. Liquid heating apparatus. 1,996,434; Apr. 2.
- O'Dowd, Leslie J., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Twisting. 1,992,627; Feb. 26.
- Odriozola, Marcos, et al. (See Laugier, Carlos, assignor.)
- Oed, Julius. (See Oehrlein, J., and Oed.)
- Oed, Julius, Bronx, assignor of two-thirds to Julius Oehrlein, Inc., New York, N. Y. Acoustic lining or wall covering for rooms. 2,020,430; Nov. 12.
- Oehrlein, Julius, Inc. (See Oed, Julius, assignor.)
- Oehrlein, Julius, Westchester County, and J. Oed, Bronx, assignors of two-thirds to J. Oehrlein, Inc., New York, N. Y., and one-third to said J. Oed. Ceiling construction. 1,987,537; Jan. 8.
- Oelfke, Kenneth C., Delmar, N. Y. Dowel support. 2,019,793; Nov. 5.
- Olkers, Alfred H., Chicago, Ill. Impact forging. 2,014,206; Sept. 10.
- Olkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Roller bearing axle. 2,000,534; May 7.
- Olkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Coupler. 2,003,582; June 4.
- Olkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Draft gear. 2,003,583; June 4.
- Olkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Roller bearing assembly. 2,003,605; June 4.
- Olkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,013,007; Sept. 3.
- Olkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Roller bearing assembly. 2,023,091; Dec. 3.
- Olkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Roller bearing. 2,023,092; Dec. 3.
- Olkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Wheel and axle assembly. 2,023,695; Dec. 10.
- Olkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Tubular axle and roller bearing assembly. 2,025,342; Dec. 24.
- Olkers, Alfred H., and G. G. Floyd, assignors to American Steel Foundries, Chicago, Ill. Wheel and axle assembly. 2,025,343; Dec. 24.
- Oesterlin, Hubert. (See Streitwolf, K., Fehrle, and Oesterlin.)
- Oesterreichische Dynamit Nobel Aktiengesellschaft. (See Müller, W. J., and Niessner, assignors.)
- Oestrich, John, North Platte, Nebr. Weed digger and puller. 2,019,357; Oct. 29.
- Oetjen, Henry N. (See Roth, Carl, assignor.)
- Oetjen, John H., Maplewood, assignor to Charles Engelhardt, Inc., Newark, N. J. Gas analysis apparatus. 2,012,017; Aug. 20.
- Oetzel, John G., Alameda, assignor to Atlas Imperial Diesel Engine Company, Oakland, Calif. Spray valve actuating mechanism for Diesel engines. 2,025,245; Dec. 24.
- Offenhauser, Christopher, Philadelphia, Pa. Apparatus for cooking. 1,986,115; Jan. 1.
- Offenbauser, William H., Jr., New York, N. Y., assignor to Radio Corporation of America. Sound reproduction. 2,018,315; Oct. 22.
- Offerdahl, Iver, Seattle, Wash. Jet propelled float for fire nozzles. 2,023,028; Dec. 3.
- Office National des Recherches Scientifiques et Industrielles et des Inventions et al. (See Reitiinger, Henri B., assignor.)
- Officer, Charles B., assignor to Safety Mining Company, Chicago, Ill. Blasting cartridge. 2,024,247; Dec. 17.
- Offley, Harry S. (See Loane, J. T., and Offley.)

- Offutt, George W., et al. (See Linder, Edwin L., assignor.)
- Offutt, James S. (See Strom, C. S., and Offutt.)
- Offutt, James S., and C. S. Strom, Chicago, Ill. Acoustical ceiling construction. 2,009,512; July 30.
- Offutt, John W., Ellwood City, Pa., assignor to National Tube Company. Method and apparatus for polishing cylinders. 1,986,745; Jan. 1.
- Offutt, John W., Ellwood City, Pa., assignor to National Tube Company. Apparatus for reducing the diameter of the ends of pipes and tubes. 1,994,725; Mar. 19.
- Ogden, Alexander F., Jr., and J. A. Dobyns, Ashland, Ky. Massage comb. 1,997,944; Apr. 16.
- Ogden, Ashley G., Baltimore, Md., assignor, to General Printing Ink Corporation, New York, N. Y. Photographic lettering machine. 2,010,561; Aug. 6.
- Ogden, Ashley G., Miami, Fla., assignor to General Printing Ink Corporation, New York, N. Y. Photographic apparatus. 2,019,764; Nov. 5.
- Ogden, Harold S. (See McNairy, J. W., and Ogden.)
- Ogden, Jacob W., Springdale, and E. Donaldson, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Driving mechanism for postage meter machines. 1,995,577; Mar. 26.
- Ogden, John G. (See Pfeiffer, C. G., and Ogden.)
- Ogden, Joseph R., Jr., Atlantic City, N. J. Folding beach or lounging chair. 1,989,146; Jan. 29.
- Ogden, Ralph E. (See Hungerford, Daniel C., assignor.)
- Ogden, Robert E. (See McIntosh, Roy E., assignor.)
- Ogg, Robert A., Towaco, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Terminal mounting for resistances. 1,997,198; Apr. 9.
- Ogg, John S., assignor to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch system. 2,020,697; Nov. 12.
- Ogg, William A., Cincinnati, Ohio. Zinc smelting. 1,988,608; Jan. 22.
- Ogier, Walter W., Jr. (See Marcus, D. A., and Ogier.)
- O'Gorman, Edmond J., Maplewood, Mo. Heating device. 2,010,316; Aug. 6.
- O'Gorman, Thomas F., Nutley, N. J. Mold for brick-faced blocks. 2,005,200; June 18.
- Oggsbury, James S., Dayton, Ohio, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Scale. 1,987,308; Jan. 8.
- Ogurkowski, Georg, assignor to Landis & Gyr, A.-G., Zug, Switzerland. Motor driven switch mechanism. 2,001,920; May 21.
- Ogushi, Iwao. (See Hoshino, Y., and Ogushi.)
- O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Ground detecting apparatus. 1,994,589; Mar. 19.
- O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,017,546; Oct. 15.
- O'Hara, Charles G., assignor to Norristown Foundry Company, Inc., Norristown, Pa. Automatic stoker. 1,992,149; Feb. 19.
- O'Hara, Charles G., assignor to Norristown Foundry Company, Inc., Norristown, Pa. Conveyer device. 1,998,249; Apr. 16.
- O'Hara, Charles G., assignor to Norristown Foundry Company, Inc., Norristown, Pa. Conveyer device. 2,010,788; Aug. 6.
- O'Hara, William Y., Waipahu. Outboard motor washer. 2,005,385; June 18.
- O'Hare, E. J., et al. (See Bacon, Willard M., Jr., assignor.)
- O'Hea, John E., assignor of one-fourth to M. E. O'Hea, Denver, Colo. Tank closure latch. 1,991,571; Feb. 19.
- O'Hea, Mary E. (See O'Hea, John E., assignor.)
- Ohio Boxboard Company, The. (See Forrer, Roy, assignor.)
- Ohio Brass Company, The. (See Austin, Arthur O., assignor.)
- Ohio Brass Company, The. (See Bovard, Floyd G., assignor.)
- Ohio Brass Company, The. (See Bovard, William P., assignor.)
- Ohio Brass Company, The. (See Chandler, Homer P., assignor.)
- Ohio Brass Company, The. (See Higgins, Ralph, assignor.)
- Ohio Brass Company, The. (See Hillebrand, William A., assignor.)
- Ohio Brass Company, The. (See Lusignan, Joseph T., Jr., assignor.)
- Ohio Brass Company, The. (See Matthes, Samuel S., assignor.)
- Ohio Brass Company, The. (See Smith, William A., assignor.)
- Ohio Brass Company, The. (See Taylor, John J., assignor.)
- Ohio Bronze Powder Company, The. (See Fulton, A. C., Glass and Koch, assignors.)
- Ohio Carbon Company, The. (See Sangers, John H., assignor.)
- Ohio Carbon Company, The. (See Stoffel, Lester L., assignor.)
- Ohio Electric Manufacturing Company, The. (See Ellis, William G., assignor.)
- Ohio Electric Mfg. Co., The. (See Sauer, Henry W., assignor.)
- Ohio Injector Company of Illinois, The. (See Edwards, Frank W., assignor.)
- Ohio Match Company, The. (See Parker, Lucian E., assignor.)
- Ohio Power Shovel Company, The. (See Rauch, John D., assignor.)
- Ohio Rubber Company, The. (See Bronson, Budd, assignor.)
- Ohio Rubber Company, The. (See Cavanagh, Gerald F., assignor.)
- Ohio Rubber Company, The. (See Cavanagh, G. F., and Duryee, assignors.)
- Ohio Steel Foundry Company, The. (See Harbison, Clarence B., assignor.)
- Ohl, Russell S., Little Silver, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave detecting system. 1,996,878; Apr. 9.
- Ohlendorf, Heinrich, Dessau in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo dyes and making them. 2,016,944; Oct. 8.
- Ohlhans, Arnim, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telemetering system. 1,997,388; Apr. 9.
- Ohlis, Julius J. (See Lenke, George H., assignor.)
- Ohlson Metal Products Company. (See Ohlson, Olof, assignor.)
- Ohlson, Olof, assignor to Ohlson Metal Products Company, Newton, Mass. Plunger operated tongs. 2,014,693; Sept. 17.
- Ohlsson, Edwin H., Malmo, Sweden. Obtaining measurements for making apparel to individual measurement. 2,006,774; July 2.
- Ohlund, Olaf E., Chicago, Ill. Wire splicing means. 1,997,649; Apr. 16.
- Ohman, Maurel F. (See Heath, S. B., and Ohman.)
- Ohmatt, Grayson R., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 1,996,826; Apr. 9.
- Ohmatt, Grayston R., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,001,885; May 21.
- Ohmer, Wilfred I., Dayton, Ohio. Safety razor. 2,008,589; July 16.
- Ohmer, Wilfred I., Dayton, Ohio. Safety razor. 2,008,590; July 16.
- Ohmer, Wilfred I., Dayton, Ohio. Safety razor. 2,008,591; July 16.
- Ohnesorge, Otto, Bochum, Germany. Friction drive. 2,002,126; May 21.
- Ohnesorge, Otto, Bochum, Germany. Rope gearing. 2,005,438; June 18.
- Ohnesorge, Otto, Bochum, Germany. Friction drive. 2,012,517; Aug. 27.
- O'Hora, John B. (See Sensiba, Frederick H. and C. W., assignors.)
- Öhrström, Wilhelm, assignor to Aktiebolaget Novitas, Stockholm, Sweden. Fastener. 2,017,013; Oct. 8.
- Oilco Corporation. (See Nelson, Oliver J., assignor.)
- Oil Conservation Engineering Company, The. (See Meley, Everett L., assignor.)
- Oldraulic Lift Company. (See Stukenborg, Louis C., assignor.)
- Oil Engine Development Company. (See Cummins, Clessie L., assignor.)
- Oil Equipment Laboratories, Inc. (See Rodler, Hilmer F., assignor.)
- Oilgear Company, The. (See Douglas, James K., assignor.)
- Oilgear Company, The. (See Ferris, Walter, assignor.)
- Oilgear Company, The. (See Ferris, Walter and J. P., assignors.)
- Oilgear Company, The. (See Ferris, Walter and J. P., Fobian, and Benedek, assignors.)
- Oilgear Company, The. (See Ferris, Walter and J. P., and Mickelson.)
- Oilgear Company, The. (See Ferris, Walter, and John P., and Heiden, assignors.)
- Oilgear Company, The. (See Wiedmann, Ernst, assignor.)
- Oil-O-Matic Heating Corporation. (See Williams, W. W., Clander and Nesmith, assignors.)
- Oil Well Recovery Corporation. (See Moore, Ralph E., assignor.)
- Oil Well Supply Company. (See Greve, Edgar E., assignor.)
- Oil Well Supply Company. (See Mackowski, Leon L., assignor.)
- Oishi, John R., and H. Hueber, assignors to Trico Products Corporation, Buffalo, N. Y. Combination electric and pneumatic horn. 1,992,628; Feb. 26.
- Oishi, John R., and E. V. Schaal, assignors to Trico Products Corporation, Buffalo, N. Y. Clear vision screen. 1,992,629; Feb. 26.
- Oishi, John R., and E. V. Schaal, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield storm screen. 2,002,438; May 21.
- Oishi, John R., assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,012,254; Aug. 20.
- Okadee Company. (See Hollingshead, Z. G., and Ploen, assignors.)
- Okadee Company, The. (See Ploen, Curtis W., assignor.)
- O'Keefe, Carroll J., Boston, assignor to Forbes Lithograph Manufacturing Company, Chelsea, Mass. Razor blade package. 2,016,255; Oct. 1.

- O'Keefe, Carroll J., Boston, assignor to Forbes Lithograph Manufacturing Company, Chelsea, Mass. Box for razor blades. 2,016,256; Oct. 1.
- O'Keefe & Merritt Co. (See Christensen, Howard H., assignor.)
- O'Keefe, George W., Milton, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Multi-break electric switch. 2,010,677; Aug. 6.
- O'Keefe, Thomas M., New York, N. Y. Agitator. 1,989,019; Jan. 22.
- Okenfuss, Wilfred A., assignor to Wagner Electric Corporation, St. Louis, Mo. End plate for electric motors or the like. 1,991,622; Feb. 19.
- O'Key, Alfred R. (See Smith, W. J., and O'Key.)
- Okey, Harry B., La Jolla, Calif. Furring means. 1,995,748; Mar. 26.
- Okie, Francis G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Sheet abrasive and making the same. 2,013,925; Sept. 10.
- O'Kieffe, Charles D., assignor to O. B. McClintock Company, Minneapolis, Minn. Bullet-resisting structure. 2,015,868; Oct. 1.
- Okonite-Callender Cable Company. (See Bennett, Charles E., assignor.)
- Okonite-Callender Cable Company, The. (See Branthwaite, Isaac, assignor.)
- Okonite-Callender Cable Company, Incorporated, The. (See Bennett, Charles E., assignor.)
- Okonite-Callender Cable Company, Incorporated, The. (See Meyer, F. C., and Moffitt, assignors.)
- Okonite Company, The. (See Hendev, Fred, assignor.)
- Okonite Company, The. (See Waldron, Richard C., assignor.)
- Okros, Dezzo, Regina, Saskatchewan, Canada. Hand saw. 2,012,201; Aug. 20.
- Oksenholt, Jens N., Shreveport, assignor of one-fourth to E. B. Hand, one-sixteenth to C. B. Emery, one-sixteenth to F. T. Gibbs, and one-sixteenth to E. B. Hands, Sr., Shreveport, La. Core barrel retriever. 2,018,414; Oct. 22.
- Okumura, Yasujiro, 5 Chome, Nishi-Ku, Osaka, Japan. Stimulus acupunctuator. 2,009,562; July 30.
- Olander, Leonard G., assignor to The Monomelt Company Incorporated, Minneapolis, Minn. Converted melting pot structure. 1,988,630; Jan. 22.
- Olaszy, Joseph, Linden, N. J., assignor of one-third to Anton Stefancsik, Brooklyn, N. Y. Air terminal device. 1,997,945; Apr. 16.
- O'Laughlin, John E., Milwaukee, Wis., assignor to Mueller Brass Co., Port Huron, Mich. 1,986,010; Jan. 1.
- O'Laverty, James, et al. (See Vanderpoel, Albert G. H., assignor.)
- Oldberg, Sidney, Detroit, Mich. Silencer. 2,018,084; Oct. 22.
- Oldberg, Sidney, Detroit, Mich. Silencer. 2,022,899; Dec. 3.
- Olbrich, George A., Minneapolis, Minn. Silo. 1,987,155; Jan. 8.
- Old Colony Distributing Company. (See Hibbard, Charles L., assignor.)
- Old Colony Trust Company. (See Lyle, Andrew E., assignor.)
- Old Colony Trust Company. (See Spencer, Percy L., assignor.)
- Old Colony Trust Company, executor. (See McLaurin, William W.)
- Older, Clifford, Wilmette, Ill. Fluid pressure indicator. 2,001,368; May 14.
- Oldham, Edgar, Burton-on-Trent, England. Protector for bung, tap, cork holes, and the like. 1,990,916; Feb. 12.
- Oldham, Edward R., assignor to The Arabol Manufacturing Company, New York, N. Y. Spreader-cap. 2,011,414; Aug. 13.
- Oldham, John M., assignor to L. A. Young, Detroit, Mich. Handgrip for golf clubs and the like. 2,000,295; May 7.
- Oldham, John M., assignor to L. A. Young, Detroit, Mich. Garment hanger. 2,008,365; July 16.
- Oldham, John M., assignor to L. A. Young, Detroit, Mich. Garment hanger. 2,025,887; Dec. 31.
- Oldham, Richard, Cleethorpes, England. Oil or other liquid fuel pump. 2,007,871; July 9.
- Oldham, Samuel R., Elizabeth, N. J., assignor to The Oxweld Railroad Service Company. Speed regulator. 2,021,196; Nov. 19.
- Oldham, Samuel R., Chicago, Ill., assignor to Oxweld Railroad Service Company. Blowpipe. 2,024,057; Dec. 10.
- Oldroyd, Esther. (See Oldroyd, Fred, assignor.)
- Oldroyd, Fred, assignor to E. Oldroyd, Cincinnati, Ohio. Loading and excavating machine. 2,009,147; July 23.
- Olds, Ambrose D., Wichita, Kans. Beverage maker. 2,003,490; June 4.
- Olds, Ambrose D., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Electric coffeepot. 1,998,732; Apr. 23.
- Olds, Ambrose D., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Thumb rest for flatirons. 2,013,696; Sept. 10.
- Olds, Ambrose D., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Electric coffeepot. 2,025,302; Dec. 24.
- Olds, Reginald B., Los Angeles, Calif. Trombone. 2,020,569; Nov. 12.
- Olds, Reginald B., Los Angeles, Calif. Stationary inner slide tube for trombones and similar instruments. 2,021,323; Nov. 19.
- Olean Glass Company. (See Calpha, Arthur, Jr., assignor.)
- O'Leary, C. M., et al. (See Patterson, Edgar W., assignor.)
- O'Leary, Charles M., Jr., et al. (See Patterson, Edgar W., assignor.)
- O'Leary, Francis R., West Roxbury, Mass., assignor to Pratt, Read & Company, Deep River, Conn. Frequency stabilizing means. 1,986,599; Jan. 1.
- O'Leary, Lucy B. (See O'Leary, William J., assignor.)
- O'Leary, William J., assignor to L. B. O'Leary, Montreal, Quebec, Canada. Agitating device. 1,997,549; Apr. 9.
- O'Leary, William J., assignor to L. B. O'Leary, Montreal, Quebec, Canada. Laminated core for electrical apparatus. 1,997,550; Apr. 9.
- Olevin, Adolph, Brooklyn, N. Y. Rolling device. 2,007,768; July 9.
- Olin, John F., Dayton, Ohio, assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Making amines and di-amines and products of said process. 2,006,058; June 25.
- Olin, John M., and A. G. Schuricht, Alton, assignors to Western Cartridge Company, East Alton, Ill. Shot shell. 2,008,922; July 23.
- Olin, Mabel C. (See Jolly, Charles L., assignor.)
- Oliphant, Maurice E., Crestline, Ohio. Appliance for heating water for domestic use. 2,007,872; July 9.
- Oliva, Domenic. (See Gordon, M. C., and Oliva.)
- Olivarius, Holger de F., assignor to California Packing Corporation, San Francisco, Calif. Treating sugar solutions. 2,018,869; Oct. 29.
- Oliver, Ernest H., Dalton-Le-Dale, and R. F. Robson, Merton, assignors of one-half to The Mining Engineering Company Limited, Worcester, England. Belt conveyer. 2,022,321; Nov. 26.
- Oliver Farm Equipment Company. (See Altgelt, Herman E., assignor.)
- Oliver Farm Equipment Company. (See Gemberling, Cameron H., assignor.)
- Oliver Farm Equipment Company. (See Kingsbury, Leon V., assignor.)
- Oliver Farm Equipment Company. (See Schoenrock, Otto R., assignor.)
- Oliver, Henry, New York, N. Y. Expanded hanger. 2,009,513; July 30.
- Oliver, Leland W. (See Pashley, W. H., and Oliver.)
- Oliver, Thomas C. (See Hechenbleikner, I., Oliver and Spangler.)
- Oliver, Thomas C., Great Neck and S. F. Spangler, Scarsdale, assignors to Chemical Construction Corporation, New York, N. Y. Treating acid solutions. 2,021,867; Nov. 19.
- Oliver United Filters Incorporated. (See Denhard, Harry W., assignor.)
- Oliver, Wallace F. (See Loughhead, M., and Oliver.)
- Oliver, Wallace F., Detroit, Mich., assignor to Hydraulic Brake Company, Los Angeles, Calif. Hydraulic brake system. 1,988,395; Jan. 15.
- Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Master cylinder. 2,000,187; May 7.
- Oliver, Wallace F., Detroit, Mich., assignor to Hydraulic Brake Company, Los Angeles, Calif. Braking system. 2,003,972; June 4.
- Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake. 2,003,973; June 4.
- Oliver, Walter E., East Boston, Mass. Strip control means for manifolders. 1,995,189; Mar. 19.
- Olivero, Fernando, Turin, Italy. Glass cleaner. 2,025,888; Dec. 31.
- Olivetti Ing. C. & C. (See Modigliani, Gino, assignor.)
- Ollendorf, Jacques, assignor to Anciens Etablissements R. Cornely & Cie., Société Anonyme, Paris, France. Machine for drawing threads from fabrics. 2,002,414; May 21.
- Olley, Maurice. (See Nacker, O. M., and Olley.)
- Olley, Maurice, assignor to General Motors Corporation, Detroit, Mich. Chassis and body construction. 1,996,827; Apr. 9.
- Olmstead, Harvey M., Denver, Colo. Coupling electric conduits. 2,013,217; Sept. 3.
- Olmstead, Oscar A., Salt Lake City, Utah. Converter punching machine. 2,008,795; July 23.
- Olney, Benjamin, assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Loud speaker structure and method of making the same. 2,016,453; Oct. 8.
- Olney, George W., Minneapolis, Minn. Stoker for furnaces. 2,001,152; May 14.
- O'Loughlin, Charles E. A., St. Paul, Minn. Headlight dimmer. 1,990,666; Feb. 12.
- Olpin, Albert R., Flushing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Photoelectric tube. 2,008,874; July 23.
- Olpin, Henry C., and G. H. Ellis, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of textile materials. 2,019,626; Nov. 5.
- Olpin, Henry C., and G. H. Ellis, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of materials. 2,019,627; Nov. 5.
- Olpin, Henry C. (See Ellis, G. H., Ockman, and Olpin.)
- Olpin, Henry C. (See Ellis, G. H., and Olpin.)
- Olpin, Henry C. (See Ellis, G. H., Olpin, and Kirk.)
- Olpin, Henry C. (See Ockman, T., Reeves, Stanley, Olpin, and Ellis.)
- Olpin, Henry C. (See Stanley, E., Olpin, and Ellis.)

- Olpin, Henry C. and S. H. Bannister, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of hydroxyalkylated amino compounds. 2,003,386; June 4.
- Olpin, Henry C., and G. H. Ellis, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of colorations on materials made of or containing organic derivatives of cellulose. 2,010,883; Aug. 13.
- Olpin, Henry C., and G. H. Ellis, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of materials. 2,010,884; Aug. 13.
- Olschewski, Leo, Union Township, Union County, N. J. Can opener. 1,999,370; Apr. 30.
- Olschner, Clarence E., Shreveport, La., assignor to Earl W. Leshner, Lakewood, Ohio. Acoustical material. 2,014,694; Sept. 17.
- Olsen, A. C., Inc. (See Olsen, Anders C., assignor.)
- Olsen, Anders C., Garden City, assignor to A. C. Olsen, Inc., New York, N. Y. Building construction. 2,013,762; Sept. 10.
- Olsen, Anders C., Garden City, assignor to A. C. Olsen, Inc., New York, N. Y. Building construction. 2,013,763; Sept. 10.
- Olsen, Arnt E. (See Aamot, S., and Olsen.)
- Olsen, Carl A., assignor to Toplifter, Inc., Lynn, Mass. Heel lift machine. 1,994,086; Mar. 12.
- Olsen, Carl A., assignor to Excel Taping Machine Co., Lynn, Mass. Taping machine. 2,017,727; Oct. 15.
- Olsen, Friedrich. (See Scharmann, W. G., and Olsen.)
- Olsen, Friedrich. (See Seavey, F. R., Phillips, and Olsen.)
- Olsen, Friedrich, F. R. Seavey, and E. B. W. Kerone, Alton, assignors to Western Cartridge Company, East Alton, Ill. Priming composition. 2,001,212; May 14.
- Olsen, Friedrich, and F. R. Seavey, Dover, N. J., assignors to The Cellulose Research Corporation. Treating cellulose fibers. 2,007,341; July 9.
- Olsen, George A., Chicago, Ill. Vending machine. 1,991,865; Feb. 19.
- Olsen, Harold A., Chicago, Ill. Attachment for sewer drains. 2,008,258; July 16.
- Olsen, Johannes, assignor to Buas Mejerimaskinfabrikker, Afdeling Af Aktieselskabet Frederiksberg Metalvarefabrik, Aalborg, Denmark. Regenerative pasteurization apparatus. 2,001,849; May 21.
- Olsen, John, administrator. (See Hentschel, Ernest R.)
- Olsen, John C., assignor to Flexible Steel Lacing Company, Chicago, Ill. Belt fastener. 1,989,147; Jan. 29.
- Olsen, John C., assignor to Flexible Steel Lacing Company, Chicago, Ill. Seal. 2,000,349; May 7.
- Olsen, John C., assignor to Flexible Steel Lacing Company, Chicago, Ill. Cutting device. 2,013,894; Sept. 10.
- Olsen, John J., San Francisco, Calif. Building block. 1,990,797; Feb. 12.
- Olsen, Lawrence E., Bristol, Conn., assignor to Veeder-Root Incorporated. Hinge. 1,995,255; Mar. 19.
- Olsen, Neal S., Brooklyn, N. Y., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,023,205; Dec. 3.
- Olsen, Olaf J., Miami, Fla. Folding rocking chair. 2,006,277; June 25.
- Olsen, Ove M., assignor to G. W. McKee, Rockford, Ill. Burner for various gases. 2,005,801; June 25.
- Olsen, Ove M., assignor to G. W. McKee, Rockford, Ill. Meter connecting device. 2,010,678; Aug. 6.
- Olsen, Sigurd, Forest Park, Ill. Composition roof covering. 2,009,811; July 30.
- Olsen, Sigurd, Forest Park, Ill. Composition roof covering. 2,009,812; July 30.
- Olsen, Simon D., London, England. Injecting fuel into internal combustion engines. 1,995,459; Mar. 26.
- Olsen, Thorsten Y., administrators et al. (See Olsen, Tinius.)
- Olsen, Tinius, deceased, Philadelphia, Pa., T. Y. Olsen, and Provident Trust Co. of Philadelphia, administrators. Recording device. 2,030,372; Nov. 12.
- Olson, Alex H., Evanston, assignor to J. W. Droll, Chicago, Ill. Spring structure for mattresses and the like. 2,016,872; Oct. 8.
- Olson, Alfred G., assignor of one-half to P. Jahn, Chicago, Ill. Detachable handle. 2,010,317; Aug. 8.
- Olson, Andrew, assignor of one-half to H. Nystrom, Minneapolis, Minn. Combination pencil clip and sharpener. 1,995,777; Mar. 26.
- Olson, Andrew, and W. Holms, assignors to The Cleveland Folding Machine Company, Cleveland, Ohio. Sheet stacker. 1,991,028; Feb. 12.
- Olson, Axel A. and E. R., St. Paul, Minn. Nonskid lock-up set. 1,986,354; Jan. 1.
- Olson, Charles A., Geneva, and G. A. Patterson, assignors to Crane Co., Chicago, Ill. Motor mounting. 2,004,536; June 11.
- Olson, Charles A., Geneva, and J. P. Magos, assignors to Crane Co., Chicago, Ill. Smokeless boiler. 2,020,264; Nov. 5.
- Olson, Charles C., Gloucester, Mass. Signal device. 2,018,802; Oct. 29.
- Olson, Clarence T., assignor to Chicago Rawhide Manufacturing Company, Chicago, Ill. Oil seal. 1,995,813; Mar. 26.
- Olson, Edgar T., Marquette, Mich., assignor to The Cleveland Cliffs Iron Company, Cleveland, Ohio. Activated carbon. 2,003,277; May 28.
- Olson, Edgar T., New York, N. Y., assignor to The Cleveland Cliffs Iron Company, Cleveland, Ohio. Preparation of activated carbon. 2,003,278; May 28.
- Olson, Edgar T., New York, N. Y., assignor to The Cleveland Cliffs Iron Company, Cleveland, Ohio. Production of gases for synthesis. 2,012,477; Aug. 27.
- Olson, Edgar T., New York, N. Y., and A. W. Goos, Marquette, Mich., assignors to The Cleveland Cliffs Iron Company, Cleveland, Ohio. Preparation of fatty acids. 1,994,433; Mar. 12.
- Olson, Edwin, Wickliffe, Ohio, assignor, by mesne assignments, to Dexter Folder Company, New York, N. Y. Sheet turning device. 2,011,231; Aug. 13.
- Olson, Edwin, Wickliffe, Ohio, assignor, by mesne assignments, to Dexter Folder Company, New York, N. Y. Paper cutting and handling machine. 2,012,137; Aug. 20.
- Olson, Elmer R. (See Olson, Axel A. and E. R.)
- Olson, Harry A., Minneapolis, Minn. Fish scaler. 1,997,339; Apr. 9.
- Olson, Harry F., New York, N. Y., assignor to Radio Corporation of America. Microphone transmitter. 1,987,413; Jan. 8.
- Olson, Harry F., Collingwood, N. J., assignor to Radio Corporation of America. Loud speaker and propagating sound. 1,988,250; Jan. 15.
- Olson, Harry F., Camden, N. J., assignor to Radio Corporation of America. Acoustic device. 2,007,748; July 9.
- Olson, Holly M., assignor to Sealed Power Corporation, Muskegon, Mich. Making sealed joint piston rings. 1,987,866; Jan. 15.
- Olson, John, Detroit, Mich. Clamping device. 1,997,428; Apr. 9.
- Olson, John A., assignor to R. M. Olson, Cleveland, Ohio. Shaft seal construction. 2,023,206; Dec. 3.
- Olson, John A., Cleveland, Ohio. Shaft seal. 2,023,898; Dec. 10.
- Olson, Olof F. (See Bark, W., Mazurie, and Olson.)
- Olson, Olof F., Gary, Ind., assignor to National Tube Company. Tube rolling mill. 2,017,374; Oct. 15.
- Olson, Olof R., Kansas City, Mo., and H. L. Mika, Kansas City, Kans.; said Mika assignor to said Olson. Windmill. 2,005,470; June 18.
- Olson, Otto H., assignor, by mesne assignments, to American Linen Company, Minneapolis, Minn. Hanger. 1,994,782; Mar. 19.
- Olson, Phillip W., assignor to Automatic Musical Instrument Company, Grand Rapids, Mich. Lock key. 2,023,207; Dec. 3.
- Olson, Phillip W., assignor to Automatic Musical Instrument Company, Grand Rapids, Mich. Cylinder lock. 2,023,208; Dec. 3.
- Olson, Raymond E. (See Cleveland, R. D., and Olson.)
- Olson, Raymond E., assignor to Taylor Instrument Companies, Rochester, N. Y. Heat exchange system. 2,012,728; Aug. 27.
- Olson, Rudolph J. (See Chase, R. D., and Olson.)
- Olson, Ruth M. (See Olson, John A., assignor.)
- Olson, Victor, Seattle, Wash. Paper roll package. 1,993,853; Mar. 12.
- Olson, William. (See Hanson, Soren S., assignor.)
- Olsson, Elis, West Point, Va. Treating fibrous material. 1,991,413; Feb. 19.
- Olsson, Elis, West Point, Va. Preparation of fibrous material. 2,006,559; July 2.
- Olving, Bror G., Hamden, Conn., assignor to Products Protection Corporation. Circuit controlling and indicating device. 2,001,432; May 14.
- Olympia, Incorporated. (See MacLeod, Donald S., assignor.)
- Olympic Industrial Corporation, The. (See Hobart, L. C., and Lees, assignors.)
- Olympic Engineering Corporation. (See Renouf, Roy R., assignor.)
- O'Malley, Edward, assignor of one-third to J. G. McNeil and one-third to E. W. O'Malley, Chicago, Ill. Valve seat resurfacing tool. 2,011,688; Aug. 20.
- O'Malley, Edward W., et al. (See O'Malley, Edward, assignor.)
- Öman, Erik, Stocksund, assignor to Industrikemiska Aktiebolaget, Stockholm, Sweden. Evaporation of solutions. 1,995,999; Mar. 26.
- Oman, Joseph P., St. Paul, assignor to Northwestern Corrugated Box Company, Minneapolis, Minn. Box. 2,007,810; July 9.
- Omansky, Morris, Boston, Mass., assignor to E. W. Colledge, General Sales Agent, Inc., Jacksonville, Fla. Plastic composition. 2,001,311; May 14.
- O'Mara, John. (See White, Joseph, assignor.)
- O'Mara, Richard F., La Fayette, Ind., assignor to The Raymond Brothers Impact Pulverizer Company, Chicago, Ill. Concentrator. 1,985,947; Jan. 1.
- O'Meara, Thomas J., et al. (See Goodlin, C. L., and O'Meara.)
- Omes Holding Company Limited. (See Bendetto, Giuseppe, assignor.)
- Omsted, Kaare, Oslo, Norway. Apparatus for pressure cooking and subsequent cooling of hermetically sealed cans. 1,987,414; Jan. 8.
- Omsted, Kaare, assignor to Food Machinery Corporation, San Jose, Calif. Pneumatic valve. 2,026,056; Dec. 31.
- O'Neal, Nathaniel P., Hope, Ark. Manhole and cistern construction. 2,002,127; May 21.
- O'Neal, William M., assignor of one-half to J. Wrabetz, St. Louis, Mo. Smoking pipe. 1,996,119; Apr. 2.

- Oneida Paper Products Incorporated. (See Jaeger, Edward T., assignor.)
- O'Neil, Carlton J., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Paper and making same. 1,989,709; Feb. 5.
- O'Neil, Charles P., Chicago, Ill. Chance game device. 2,012,544; Aug. 27.
- O'Neil, Horace T., Williston Park, and H. K. Dune, St. Albans, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound reproducing system. 2,018,466; Oct. 22.
- O'Neil, Joseph, East St. Louis, Ill. Siding for buildings. 2,013,218; Sept. 3.
- O'Neil, Thomas J., Bound Brook, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Thermal insulation. 1,996,435; Apr. 2.
- O'Neil, Walter P., assignor to Viking Products Company, Inc., Akron, Ohio. Implement for crushing ice. 1,994,004; Mar. 12.
- O'Neil, William F., assignor to The American Gypsum Co., Port Clinton, Ohio. Flexible hanger. 1,994,322; Mar. 12.
- O'Neill, Bryan J., Peoria, Ill. Outside door for railway cars. 2,006,474; July 2.
- O'Neill, Frank, Jr., New York, N. Y. Exercising device. 2,017,128; Oct. 15.
- O'Neill, Frank, Toledo, Ohio, and C. C. Kinker, Alton, Ill., assignors to Owens-Illinois Glass Company. Glassware forming machine. 2,018,030; Oct. 22.
- O'Neill, Frank, assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Glass gathering and forming machine. 1,988,699; Jan. 22.
- O'Neill, Frank, assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Glassware forming machine. 1,992,321; Feb. 26.
- O'Neill, Frank, assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Glass gathering and forming machines. 1,992,963; Mar. 5.
- O'Neill, Henry W., Elmhurst, assignor to International Communications Laboratories, Inc., New York, N. Y. Stock quotation board. 1,991,984; Feb. 19.
- O'Neill, Joseph, Port Chester, N. Y. Woven wire fabric. 2,003,695; June 4.
- O'Neill, William L., Chicago, Ill. Control mechanism for electric toasters or the like. 1,987,703; Jan. 15.
- O'Neill, William T., Pittsburgh, Pa., assignor to Republic Steel Corporation, Youngstown, Ohio. Rail support. 2,024,110; Dec. 10.
- One Minute Washer Company. (See Weisbrod, Carl C., assignor.)
- Onion, William H., New Orleans, La. Hair cutting device. 1,994,865; Mar. 19.
- Onions, Herbert J., and R. E. Sandberg, Warren, Pa., assignors to De Luxe Metal Furniture Company. Shelving. 2,005,593; June 18.
- Onken, Herman A., Webster City, Iowa. Coupling for pump rods, trailer hitches and the like. 2,002,922; May 25.
- Onnen, John G., et al. (See Lambourne, Herbert D., assignor.)
- Onondaga Pottery Company. (See Cowan, R. Guy, assignor.)
- Onsrud Machine Works, Inc. (See Onsrud, Rudolph F., assignor.)
- Onsrud, Rudolph F., assignor to Onsrud Machine Works, Inc., Chicago, Ill. Lubrication. 1,991,623; Feb. 19.
- Onstad, Henry G., assignor to James Stewart Corporation, Chicago, Ill. Erecting roofs for buildings and the like. 1,994,087; Mar. 12.
- Onstad, Henry G., assignor to James Stewart Corporation, Chicago, Ill. Building construction. 2,013,697; Sept. 10.
- Ontario Manufacturing Company. (See Moon, Charles R., assignor.)
- Ontario Research Foundation. (See Westman, Albert E. R., assignor.)
- Oonah Limited. (See Hedberg, Oonah, M., assignor.)
- Opalka, August E., Mount Clemens, Mich. Game. 2,019,358; Oct. 29.
- Oosterhuis, Ekko, Eindhoven, Netherlands, assignor to Radio Corporation of America. Electric discharge tube. 2,011,008; Aug. 13.
- Opekar, Géra. (See Nathan, L., and Opekar.)
- Opel, Earl E., assignor to The National Automatic Tool Company, Richmond, Ind. Preset starting device. 2,013,420; Sept. 3.
- Open E Z Crown Co., Inc. (See Darling, Frank L., assignor.)
- Operadio Manufacturing Co. (See Shotwell, Harold H., assignor.)
- Operay Laboratories, Inc. (See Nirdlinger, Patrick A., assignor.)
- Opfermann, Erich, Berlin-Charlottenburg, and Gustav-Adolf Feldtmann, Dessau in Anhalt, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of cellulose. 2,017,985; Oct. 22.
- Ophthalmological Foundation, Inc. (See Berens, Conrad, assignor.)
- Opitz, Fred M., assignor to Hexcel Radiator Company, Milwaukee, Wis. Air conditioning device. 2,025,216; Dec. 24.
- Opolo, Charles, Culver City, Calif. Cushion axle. 2,023,789; Dec. 10.
- Opolo, Charles, Culver City, Calif. Steering wheel suspension and steering mechanism. 1,987,791; Jan. 15.
- Opp, Fred W., Costa Mesa, Calif., assignor of one-half to W. C. Collins. Apparatus for and method of electrically treating soil. 2,007,383; July 9.
- Oppe, Charles and J. J. Currelo, assignors to The G & O Manufacturing Company, New Haven, Conn. Radiator. 2,020,957; Nov. 12.
- Oppenheimer, Armand M., New York, N. Y. Interlocking connector for dental use. 2,016,511; Oct. 8.
- Oppenheimer Casing Company. (See Oppenheimer, Harry D., assignor.)
- Oppenheimer, Franz, Berlin, Germany. Vacuum tube. 2,010,824; Aug. 13.
- Oppenheimer, Harry D., assignor to Oppenheimer Casing Company, Chicago, Ill. Conditioning animal casings. 1,988,747; Jan. 22.
- Optical Research Corporation. (See Singer, Nathaniel, assignor.)
- Opticolor Aktiengesellschaft. (See Arni, H., Fischer, and Rantsch, assignors.)
- Opticolor, Aktiengesellschaft. (See Rantsch, Kurt, assignor.)
- Opticolor Aktiengesellschaft. (See Thiry, Johannes, assignor.)
- Oramold Products Corporation. (See Harrison, Laurence E., assignor.)
- Oramold Products Corporation. (See van Rossem, W. J., and Harrison, assignors.)
- Orange Screen Company. (See Milone, Louis J., assignor.)
- Orbon Stove Co. (See Herrenbruck, Herman, assignor.)
- Orchard, John L., Cambridge, England, assignor to Cambridge Instrument Company, Limited, London, England. Temperature measuring device. 2,022,515; Nov. 26.
- Orcutt, Arthur H., assignor to The Gear Grinding Company Limited, Landsworth, Birmingham, England. Trimming mechanism for grinding wheels. 2,018,145; Oct. 22.
- Orcutt, Joseph W., H. A. Stearns, and T. L. Wall, Los Angeles, Calif. Game apparatus. 2,012,518; Aug. 27.
- Ordin, Jack B. (See Johnson, N. V., J. B. and P. H. Ordin, and Sobinski.)
- Ordin, Philip H., Los Angeles, Calif. Hair waving apparatus. 2,025,303; Dec. 24.
- Ordin, Philip H. (See Johnson, N. V., J. B. and P. H. Ordin, and Sobinski.)
- Ore Solvents Corporation. (See Traphagen, Frank W., assignor.)
- O'Reilly, Joe, Tacoma, Wash. Carton. 2,006,475; July 2.
- O'Reilly, John J., Woodside, N. Y. Cement, masonry, and steel construction. 2,006,650; July 2.
- Orelind, John R., Moline, Ill., assignor to Minneapolis-Moline Power Implement Company, Hopkins, Minn. Planter attachment for tractors. 2,004,416; June 11.
- Orelind, John R., Moline, Ill., assignor to Minneapolis-Moline Power Implement Company, Hopkins, Minn. Adjustable tractor wheel. 2,007,811; July 9.
- Orelup, John W., Summit, N. J. Coloring leaded gasoline. 1,987,309; Jan. 8.
- Orelup, John W., Summit, N. J. Stabilizer for gasoline. 2,016,648; Oct. 8.
- Orenda Corporation. (See Leonard, Arthur G., Jr., assignor.)
- Orenstein & Koppel Aktiengesellschaft. (See Meyer, Karl, assignor.)
- Original Copywriter Company. (See Thornblade, Carl H., assignor.)
- Orlando, Louis, Sr., et al. (See Walters, Carroll V., assignor.)
- Orlando, Salvatore P., Brooklyn, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Structural joint. 1,988,085; Jan. 15.
- Orling, Axel and C. W., Streatham, London, England. Apparatus for magnifying the effects of vibrations of small amplitude. 2,021,607; Nov. 19.
- Orling, Charles W. (See Orling, Axel, and C. W.)
- Ormbreck, Thomas O. (See Axelberg, Einar S., assignor.)
- Ormsby, Arwin E., and E. A. Ormsby, Centerville, Calif. Portable crane. 2,023,790; Dec. 10.
- Ormsby, Elon A. (See Ormsby, Arwin E., and E. A.)
- Ornes, Conrad L. (See Bollman, R. R., and Ornes.)
- Ornfeldt, Eduard O., Genf, Switzerland, assignor to Kerasin A. G., Zug, Canton Zug, Switzerland. Producing solidified mineral oil preparation. 1,996,168; Apr. 2.
- Ornitz, Nathaniel B., Pittsburgh, Pa. Furnace roll and the like. 1,997,469; Apr. 9.
- Ornitz, Nathaniel B., Pittsburgh, Pa., assignor to National Alloy Steel Company, Blawnox, Pa. Insulated and fluid cooled shaft. 2,025,547; Dec. 24.
- OrNSTein, Soli, assignor of one-fourth to L. G. Fatmore, New York, N. Y. Cinchonic acid salts of piperazines. 2,008,923; July 23.
- Orr, Clark, Fort Wayne, Ind., assignor to General Electric Company. Compressor valve. 2,021,085; Nov. 12.
- Orr, Claude L., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Safety support for end brake beams. 1,989,333; Jan. 29.
- Orr, Francis L., assignor of one-half to C. H. Long and one-fourth to A. E. Heichemer, Denver, Colo. Variable speed transmission. 1,990,345; Feb. 5.
- Orr, Samuel A., Drexel Hill, and O. L. Suenderhauf, Highland Park, Pa. Railway crossing barrier. 2,023,538; Dec. 10.
- Orr, William G. D., assignor to A. B. Dick Company, Chicago, Ill. Stencil sheet assembly. 2,018,501; Oct. 22.

- Orr, William V., Cleveland Heights, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Washing machine. 2,002,790; May 28.
- Örström, Gustaf. (See Johnson, B. A. E., and Örström.)
- Örström, Gustaf, Alsten, assignor to Aktiebolaget Gerh. Årehus Mekaniska Verkstad, Stockholm, Sweden. Machine for packaging cigarettes, cigars, little cigars, and other rod shaped articles. 1,986,215; Jan. 1.
- Orswell, William W., et al. (See Hays, Clifton E., assignor.)
- Ortell, Percival W., Racine, Wis. Ladder. 2,021,017; Nov. 12.
- Orth, Richard T., Maplewood, N. J., assignor to Radio Corporation of America. Tuning indicator tube. 1,994,726; Mar. 19.
- Orth, Richard, Philadelphia, Pa., assignor to Gill Glass & Fixture Company. Advertising sign. 2,017,443; Oct. 15.
- Orth, William G. (See Coll. G. C., and Orth.)
- Orthner, Ludwig, Leverkusen I. G. Werk, and H. Keppler, Leverkusen-Schleibusch, Germany, assignors to General Analine Works, Inc., New York, N. Y. Reaction product of an organic acid amide and an alkylene oxide. 2,002,613; May 28.
- Orthner, Ludwig, Leverkusen-I. G. Werk, Wilhelm Becker, Cologne-Mulheim, and Leo Rosenthal, Leverkusen-Weisdorf, assignors to I. G. Farbenindustrie Aktien-gesellschaft, Frankfurt-on-the-Main, Germany. Chlorinated rubber. 2,014,504; Sept. 17.
- Orton, Julian R., assignor to The Tom Collins Corpora-tion, Cincinnati, Ohio. Package. 2,013,475; Sept. 3.
- O'Russa, Lorenzo, Princeville, assignor to Mathias Klein & Sons, Chicago, Ill. Wire gripping tool. 2,001,541; May 14.
- Orwig, Ray L. (See Steeg, W. F., and Orwig.)
- Osawa, Juichi, Mita, Shibaku, Tokyo, Japan, assignor to Western Electric Company, Incorporated, New York, N. Y. Phase modulating system. 2,001,107; May 14.
- Osborn, William O., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vibration analyzer. 1,991,060; Feb. 12.
- Osborg, Hans, Teaneck, assignor to Maywood Chemical Works, Maywood, N. J. Lithium silicon composition. 1,997,340; Apr. 9.
- Osborn, Alden E., New York, N. Y. Circuit closer. 2,006,175; June 25.
- Osborn, Asa C., Weymouth, Mass. Ski creeper. 1,989,377; Jan. 29.
- Osborn, George A., Hannibal, Mo. Gas burner. 2,012,580; Aug. 27.
- Osborn, Henry C., Cleveland, Ohio, assignor to Multigraph Company, Wilmington, Del. Index tab. 2,005,749; June 25.
- Osborn, Henry C., assignor to Multigraph Company, Cleveland, Ohio. Securing means for printing forms. 2,012,972; Sept. 3.
- Osborn, Howard H. (See Fischer, H. G., Musket, and Osborn.)
- Osborn, Howard H. (See Fischer, H. G., and Osborn.)
- Osborn, Irwin S., Cleveland Heights, assignor to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Refuse incineration. 2,000,296; May 7.
- Osborn Manufacturing Company, The. (See Bickel, Frederic J., assignor.)
- Osborn Manufacturing Company, The. (See Dunmire, Fred A., assignor.)
- Osborn Manufacturing Company, The. (See Frost, Clinton E., assignor.)
- Osborn Manufacturing Company, The. (See Oyster, E. F., and Spikerman, assignors.)
- Osborn Manufacturing Company, The. (See Rolf, Friedrich, assignor.)
- Osborn Manufacturing Company, The. (See Zeman, Mer-ton W., assignor.)
- Osborn, Robert R., Kenmore, assignor to Curtiss Aero-plane & Motor Company, Inc. Wing construction. 2,014,776; Sept. 17.
- Osborn, Robert R., Garden City, and T. P. Wright, Port Washington, N. Y., assignors to Curtiss Aeroplane & Motor Company, Inc. Aircraft. 2,000,666; May 7.
- Osborn, Robert R., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Folding wing air-plane. 2,021,324; Nov. 19.
- Osborn, Robert G., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerat-ing apparatus. 2,023,284; Dec. 3.
- Osborn, Roy T., et al. (See King, George W., assignor.)
- Osborne, Samuel C., Euclid City, Ohio, assignor to Wilson Welder and Metals Co. Inc., North Bergen, N. J. Arc welding apparatus. 2,017,509; Oct. 15.
- Osborne, Harold R., Toronto, assignor to Ferranti Electric Limited, Mount Dennis, Ontario, Canada. Correction of power factor. 2,025,471; Dec. 24.
- Osborne, Sidney G., assignor to Hooker Electrochemical Company, New York, N. Y. Impregnating textile fab-rics. 2,025,072; Dec. 24.
- Osborne, Sidney G., New York, N. Y., and J. M. Rowland, deceased, by A. G. Rowland, executrix, assignors to Hooker Electrochemical Company, Niagara Falls, N. Y. Reacting chlorine with metal-bearing solids. 2,020,431; Nov. 12.
- Osborne, William B., Portland, Oreg. Knapsack water bag. 2,013,358; Sept. 3.
- Osbn, Justin E., and R. Pryne, Los Angeles, Calif. Blower. 2,011,298; Aug. 13.
- Osburn, James Marshall. (See Burckhalter, R. N., and Osburn.)
- Oschatz, Fritz. (See Walter, W., Hofmann, and Oschatz.)
- Oseland, Carl. (See Collins, F. L., and Oseland.)
- Oser, Julius, and M. D. Oser, Philadelphia, Pa. Carrier for ice cream cones and like articles. 2,023,852; Dec. 10.
- Oser, Mayer D. (See Oser, Julius and M. D.)
- Osgood, Arthur B., Minneapolis, Minn. Traveling tripping device and dust collector. 1,994,832; Mar. 19.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 1,996,773; Apr. 9.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,007,900; July 9.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,007,901; July 9.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,007,905; July 9.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,007,906; July 9.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,007,907; July 9.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,007,908; July 9.
- Osgood, George H., Tacoma, Wash. Plywood knockdown box. 2,005,159; June 18.
- Osgood, George H., Tacoma, Wash. Knock-down box. 2,025,420; Dec. 24.
- Osgood, George H., and R. G. Peterson, Tacoma, Wash. Wood ply construction. 2,019,056; Oct. 29.
- Osgood, George H., and R. G. Peterson, Tacoma, Wash.; said Peterson assignor to said Osgood. Adhesive. 1,989,424; Jan. 29.
- Osgood, John L., Buffalo, N. Y. Tool handle. 2,007,834; July 9.
- Osgood, Robert C., Claremont, N. H., assignor to Sullivan Machinery Company. Haulage mechanism. 1,999,202; Apr. 30.
- Osgood, Robert C., Claremont, N. H., assignor to Sullivan Machinery Company. Hoisting mechanism. 1,999,203; Apr. 30.
- Osgood, Robert C., Claremont, N. H., assignor to Sullivan Machinery Company. Hoisting mechanism. 1,999,204; Apr. 30.
- Osgood, Robert C., Claremont, N. H., assignor to Sullivan Machinery Company. Closure operator. 2,019,502; Nov. 5.
- Osgood, Robert C., Claremont, N. H., assignor to Sullivan Machinery Company. Hoisting mechanism. 2,021,580; Nov. 19.
- Osgood, Victor L. (See McDonnell, F. W., and Osgood.)
- O'Shea, Dennis C., Chicago, Ill. Garment. 1,987,369; Jan. 8.
- Oshkosh Trunks, Inc. (See Wintz, William, assignor.)
- Oskamp, Howard E., Wheaton, Ill. Dehydration appa-ratus. 2,017,728; Oct. 15.
- Oskamp, Howard E., Wheaton, Ill. Air diffuser. 2,021,086; Nov. 12.
- Oslund Brothers Machine Company, The. (See Oslund, Charles H., assignor.)
- Oslund Brothers Machine Company, The. (See Oslund, Walter W., assignor.)
- Oslund, Charles H., Worcester, assignor to Oslund Brothers Machine Company, Incorporated, Holden, Mass. Labeling machine. 1,991,225; Feb. 12.
- Oslund, Walter W., assignor to The Oslund Brothers Ma-chine Company, Incorporated, Holden, Mass. Auto-matic machine. 1,998,093; Apr. 18.
- Oslund, Walter W., assignor to The Oslund Brothers Ma-chine Company, Incorporated, Holden, Mass. Labeling machine. 2,005,802; June 25.
- Osmer, John L., Newark, N. J. Semifinished article of manufacture and making same. 2,009,855; July 30.
- Osrose Holzimprägnierungs G. m. b. H. (See Schmittutz, Carl, assignor.)
- Osmundson Spade Manufacturing Company. (See Thomp-son, Peter O., assignor.)
- Osno, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tem-perature control of piezo-electric crystal apparatus. 1,994,228; Mar. 12.
- Osno, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Piezo-electric crystal apparatus. 1,994,229; Mar. 12.
- Osno, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Self-inductance. 1,996,823; Apr. 9.
- Osno, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tem-perature regulating system. 1,999,473; Apr. 30.
- Osno, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. In-ductance coil. 2,006,406; July 2.
- Osno, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Piezo-Electric crystal apparatus. 2,012,013; Aug. 20.

- Osnos, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Frequency multiplier. 2,013,806; Sept. 10.
- Osnos, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation circuit arrangement. 2,015,189; Sept. 24.
- Osnos, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Frequency stabilization. 2,019,765; Nov. 5.
- Osnos, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation. 2,025,955; Dec. 31.
- Ossenbeck, Anton. (See Nicodemus, O., Schmidt, Ossenbeck, and Tietze.)
- Ossenbeck, Anton, Cologne-Mulheim, and E. Tietze, Cologne-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 2-alkylaminobenzene-1-carboxylic acid-4-sulphonic acids. 1,987,266; Jan. 8.
- Ossenbeck, Anton, Cologne-Mulheim, and E. Tietze, Cologne-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Diazonium compounds. 2,022,923; Dec. 3.
- Ossing, Stanley F., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Scraper loader. 2,022,145; Nov. 26.
- Ossing, Stanley F., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Loader. 2,022,146; Nov. 26.
- Ossing, Stanley F., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling mechanism. 2,022,147; Nov. 26.
- Ossing, Stanley F., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Self propelled loader. 2,022,148; Nov. 26.
- Ostbye, Peter S. (See Ullevoldsæter, Bjorn, assignor.)
- Osten, Helen I., administratrix. (See Osten, William H., assignor.)
- Osten, Joseph W., Chicago, Ill. Golf bag. 2,002,581; May 28.
- Osten, William H., deceased, Jackson Heights, N. Y., H. I. Osten, administratrix. Marine and other windows. 1,995,939; Mar. 26.
- Ostenson, Henry E. (See Natwick, A. G., Ostenson and Barber.)
- Oster, John, Manufacturing Company. (See Dean, John, assignor.)
- Oster Manufacturing Company, The. (See Maurer, Harry A., assignor.)
- Osterberg, Arnold E., Rochester, Minn., assignor to The Chemical Foundation, Incorporated, New York, N. Y. Medicinal preparation. 2,002,829; May 28.
- Osterberg, Carl T., Milwaukee, Wis. Hinged box and cover device. 2,017,129; Oct. 15.
- Osterholm, William C., Oak Park, Ill. Grinding machine. 2,000,667; May 7.
- Osterholm, William C., Oak Park, Ill. Clutch. 2,010,885; Aug. 13.
- Osterholm, William C., Oak Park, Ill. Clutch. 2,021,921; Nov. 26.
- Osterhout, George H., United States Marine Corps., Paris Island, S. C. Fountain pen. 1,995,218; Mar. 19.
- Osterhout, George H., United States Marine Corps., Paris Island, S. C. Fountain pen and filler. 2,001,263; May 14.
- Osterkamp, Leo, Cheviot, Ohio. Fly swatter. 1,994,199; Mar. 12.
- Osterman, Philip C., Elizabeth, N. J. Injector apparatus for case hardening retorts. 2,010,926; Aug. 13.
- Osterman, Samuel, Brooklyn, N. Y., assignor to Guth, Stern & Co., Inc. Container, dispenser, and the like. 2,024,741; Dec. 17.
- Ostermann, Hans. (See Ostermann, Rudolf M., and H.)
- Ostermann, John, Glendale, N. Y. Sash stop. 2,011,455; Aug. 13.
- Ostermann, Rudolf M. (See Henkel, E., Williams, and Ostermann.)
- Ostermann, Rudolf M., Kenilworth, Ill., assignor to The Superheater Company, New York, N. Y. Feeding cleaning materials to feed water heaters. 2,019,628; Nov. 5.
- Ostermann, Rudolf M., Kenilworth, Ill., and H. Ostermann, Munich, Germany, assignors to The Superheater Company, New York, N. Y. Method of and apparatus for utilizing vapor. 2,015,364; Sept. 24.
- Ostermann, Walter. (See Hartmann, A., Hoefinghoff, Bauriedel, and Ostermann.)
- Osterstrom, Rudolph C., assignor to The Pure Oil Company, Chicago, Ill. Polymerizing hydrocarbon oils. 2,009,902; July 30.
- Ostertag, Julius, Stuttgart, Wurtenberg, Germany. Marine power plant apparatus. 2,018,803; Oct. 29.
- Ostline, John E., Berwyn, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,023,239; Dec. 3.
- Ostlund, Harry E. (See Guild, W. J., and Ostlund.)
- Ostman, Emil J., Hopkins, Minn. Automobile valve seat grinder. 2,022,821; Dec. 3.
- Ostrander, Allen E. (See Wasberg, Axel, assignor.)
- Ostrander, Allen E., New Rochelle, N. Y., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake rigging support. 2,021,804; Nov. 19.
- Ostrander, Paul H., and F. C. Herby, Jamestown, N. Y.; said Ostrander assignor to said Herby. Frame. 2,006,962; July 2.
- Ostro Research Laboratories, Inc. (See Tolstouhov, Alexander V., assignor.)
- Ostrom, Albert, et al. (See Roth, William A., assignor.)
- Ostromislensky, Iwan I., assignor to Medico Chemical Corporation of America, New York, N. Y. Sodium salt of 1-phenyl-2,3-dimethyl-pyrazolonyl-4-aminomethylene-sulphoxylic acid and its preparation. 2,011,255; Aug. 13.
- Ostromislensky, Iwan I., assignor to Medico Chemical Corporation of America, New York, N. Y. Producing dimethylpyrazolonyl-diphenyl. 2,011,256; Aug. 13.
- Ostromislensky, Iwan I., assignor to Medico Chemical Corporation of America, New York, N. Y. Crystallizing and purifying crude 4,4'-di-(1-phenyl-3-methyl-pyrazolonyl). 2,011,257; Aug. 13.
- Ostromislensky, Iwan I., assignor, by mesne assignments, to Medico Chemical Corporation of America, New York, N. Y. Producing chemically pure 4,4'-di-(1-phenyl-3-methyl-pyrazolonyl). 2,017,671; Oct. 15.
- Ostromislensky, Iwan I., assignor to Medico Chemical Corporation of America, New York, N. Y. Producing chemically pure 4,4'-di-(1-phenyl-3-methyl-pyrazolonyl). 2,017,672; Oct. 15.
- Osuch, Francis J., Detroit, Mich. Ice cube crusher. 1,999,108; Apr. 23.
- Oswald, Alfred E., Hackensack, N. J., assignor to Bates Laboratories, Inc., New York, N. Y. Battery reconditioning apparatus. 2,000,571; May 7.
- Oswald, Earl P., assignor of one-tenth to C. E. Wisner, Detroit, Mich. Artificial refrigerating apparatus. 1,991,514; Feb. 19.
- Oswald, Karl. (See Klemp, William J., assignor.)
- Oswego Falls Corporation. (See La Bombard, Leon E., assignor.)
- Oswego Falls Corporation. (See Lee, William S., assignor.)
- Oswin, John, Coventry, England. Precision gauge. 2,019,359; Oct. 29.
- Oswood, Elmer S., assignor of one-half to A. L. Hogenson, Minneapolis, Minn. Level and angle indicator. 2,019,317; Oct. 29.
- Otero, Pedro M., San Juan, P. R. Milk bottle lock. 1,997,946; Apr. 16.
- Otersen, Arthur H. (See Pachinger, F., and Otersen.)
- Othmer, Donald F., assignor to Eastman Kodak Company, Rochester, N. Y. Counter current liquid extraction apparatus. 2,000,606; May 7.
- Otis, Albert N., Schenectady, N. Y., assignor to General Electric Company. Heat treating. 2,023,285; Dec. 3.
- Otis, Albert N., and J. L. McFarland, Schenectady, N. Y., assignors to General Electric Company. Annealing furnace. 2,009,856; July 30.
- Otis, Charles M., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Drying tumbler. 1,996,253; Apr. 2.
- Otis, Charles M., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Drying tumbler. 2,005,386; June 18.
- Otis, Charles M., Cincinnati, Ohio, and A. K. Dean, Rochester, N. Y., assignors to American Laundry Machinery Company, Cincinnati, Ohio. Automatic turret revolving device. 1,997,230; Apr. 9.
- Otis Elevator Company. (See Graft-Baker, William S., assignor.)
- Otis Elevator Company. (See Hymans, Frederick, assignor.)
- Otis Elevator Company. (See Lehn, Charles J., assignor.)
- Otis Elevator Company. (See Lindquist, D. L., Waters, and Glaser, assignors.)
- Otis Elevator Company. (See Sanford, Selden B., assignor.)
- Otis Elevator Company. (See Sanford, S. B., and Larson, assignors.)
- Otis, Gerald E., assignor to The Herman Nelson Corporation, Moline, Ill. Air temperature regulation. 2,012,285; Aug. 27.
- Otis, Harold A., Glen Ellyn, assignor to Chicago North Shore & Milwaukee Railroad Company, Chicago, Ill. Transportation means. 1,990,562; Feb. 12.
- Otis, Harold A., Glen Ellyn, assignor to Chicago North Shore & Milwaukee Railroad Company, Chicago, Ill. Transportation means. 2,001,935; May 21.
- Otis, Harold A., Glen Ellyn, assignor to Chicago North Shore & Milwaukee Railroad Company, Chicago, Ill. Transportation means. 2,023,971; Dec. 10.
- Otis, Harold A., Glen Ellyn, assignor to Chicago North Shore & Milwaukee Railroad Company, Chicago, Ill. Transportation means. 2,023,972; Dec. 10.
- Otis, Harry W., South Pasadena, Calif. Visible automobile registration card and key. 2,016,971; Oct. 8.
- Otis, Harry W., South Pasadena, Calif. Vehicle brake. 2,020,201; Nov. 5.
- Otis, Herbert C., Shreveport, La. Method of and means for flowing oil wells. 2,002,791; May 28.
- Otis Inc. (See Stringer, Louis W., assignor.)
- Otis Steel Company. (See Bost, Henry A., assignor.)
- O'Toole, Edward, Sr., Gary, W. Va. Apparatus for dry cleaning of coal. 2,009,273; July 23.
- Ott, Conrad L. (See Steiner, A. P., Wine, Ott, and Bal-siger.)
- Ott, Conrad L., assignor to Landis Tool Company, Waynesboro, Pa. Cam grinding apparatus. 1,993,854; Mar. 12.
- Ott, Conrad L., assignor to Landis Tool Company, Waynesboro, Pa. Timing device for cam grinding machines. 2,019,088; Oct. 29.

- Ott, Harry G., Kenmore, assignor to Spencer Lens Company, Buffalo, N. Y. Optical article and making same. 1,994,483; Mar. 19.
- Ott, Harvey N., Buffalo, N. Y. Headlight for vehicles. 1,990,389; Feb. 5.
- Ott, Harvey N., assignor to Spencer Lens Company, Buffalo, N. Y. Microscope. 2,003,387; June 4.
- Ott, John. (See Cadwell, W. H., and Ott.)
- Ott, Karl, Leverkusen-on-the-Rhine, H. Gensel, Cologne-Mulheim, and H. Schüssler, Cologne-Deutz, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Derivatives from drying oils. 2,023,768; Dec. 10.
- Ott, Karl, Leverkusen-on-the-Rhine, and G. Mauthe, Cologne-Holweide, Germany, assignors, by mesne assignments, to General Aniline Works, Inc., New York, N. Y. Fatty mixture capable of being emulsified. 2,023,769; Dec. 10.
- Ott, Percy O., assignor to Racine Tool & Machine Company, Racine, Wis. Multiple rotary pump. 1,988,213; Jan. 15.
- Otte, Otho M., Tarentum, Pa., assignor to Allegheny Steel Company. Making flat expanded grilles. 2,018,085; Oct. 22.
- Otting, Herbert E., Westerville, Ohio, assignor to M. & R., Dietetic Laboratories, Inc. Milk product. 1,992,836; Feb. 26.
- Ottman, Fred, Jersey City N. J. Water and weather-proofing magnesia cement. 2,008,034; July 16.
- Otto, Albert T., & Sons. (See Buddeberg, Walter, assignor.)
- Otto, Arthur J., assignor to Johnson Service Company, Milwaukee, Wis. Pressure regulation. 1,992,881; Feb. 26.
- Otto, Arthur J., assignor to Johnson Service Company, Milwaukee, Wis. Temperature regulation. 2,009,674; July 30.
- Otto, Arthur J., assignor to Johnson Service Company, Milwaukee, Wis. Thermostat and like device. 2,009,675; July 30.
- Otto, Carl, Essen, Germany. Filling joints and crevices in underburner coke oven brickwork. 1,990,089; Feb. 5.
- Otto, Carl, Essen-Ruhr, Germany. Combined regenerative coke oven. 1,996,483; Apr. 2.
- Otto, Carl, Essen, Germany. Regenerative oven. 2,008,658; July 16.
- Otto, Carl, Essen-Ruhr, Germany. Refractory brick. 2,018,223; Oct. 22.
- Otto, Carl, Essen, Germany. Construction of heat regenerators. 2,018,224; Oct. 22.
- Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Refrigerating system. 2,019,724; Nov. 5.
- Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Reversible thermostatic system. 2,021,263; Nov. 19.
- Otto, Edward A., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Fastener. 2,002,710; May 28.
- Otto, Michael, and L. Bub, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of butylene from ethylene. 1,989,425; Jan. 29.
- Otto, Peter, Düsseldorf-Oberkassel, Germany. Producing seamless drawn tubes and other tubular articles. 2,002,415; May 21.
- Otwell, Ralph B., Detroit, Mich. Divisible flat for green-houses. 1,993,620; Mar. 5.
- Otwell, Ralph B., Detroit, Mich. Divisible flat for green-houses. 2,022,548; Nov. 26.
- Oubridge, William A., Coventry, England. Manufacture of piston rings and the like. 1,997,534; Apr. 9.
- Oubridge, William A., Coventry, England. Piston. 2,024,058; Dec. 10.
- Oudiette, Maxime, Romilly-sur-Seine, France. Knitting machine. 1,990,132; Feb. 5.
- Outboard Motors Corporation. (See Evinrude, Ole, assignor.)
- Outboard Motors Corporation. (See Irgens, Finn T., assignor.)
- Outboard Motors Corporation. (See Watkins, Lucius D., assignor.)
- Outcault, Richard F., Flossmoor, Ill. Advertising device. 2,002,675; May 28.
- Ovenhausen, Franz, Steinhelm, Germany. Transparent arrangement. 1,992,882; Feb. 26.
- Ovenhausen, Franz, Steinhelm, Germany. Sound radiator. 1,994,866; Mar. 19.
- Ovenhausen, Franz, Steinhelm, Germany, assignor to Hartzell Industries, Inc., Piqua, Ohio. Sheet of veneer. 1,992,715; Feb. 26.
- Overbury, Austin A., West Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 1,995,434; Mar. 26.
- Overell, Walter E., Plimbridge, Calif. Machine for removing floor coverings. 2,005,630; June 18.
- Overhead Door Corporation. (See Blodgett, Herbert C., assignor.)
- Overhead Door Corporation. (See Johnson, C. G., and Blodgett, assignors.)
- Overhead Door Corporation. (See Morris, Howard I., assignor.)
- Overly, Elmer G., Greensburg, Pa. Window envelope. 1,995,778; Mar. 26.
- Overmire, Edwin G. (See Wilson, J. S., Millsbaugh, and Overmire.)
- Overstrom, Gustave A., Big Sur, Calif. Vibrating screen. 1,995,435; Mar. 26.
- Overton, Edgar, et al. (See Cave, Daniel B., assignor.)
- Overton, Eugene. (See Wilkinson, Melville C., assignor.)
- Osvey, Nadia A., Los Angeles, Calif. Washer. 2,017,916; Oct. 22.
- Owen, Arthur E., Chicago, Ill. Display machine. 2,021,963; Nov. 26.
- Owen Bucket Company, The. (See Botten, Henry W., assignor.)
- Owen, Eric W. B. (See Chapman, W. H., Owen, and Pounder.)
- Owen, Eric W. B. (See Twiss, D. F., and Owen.)
- Owen, Henry A., Lawrence, assignor to Davis & Furber Machine Company, North Andover, Mass. Spinning frame. 2,004,343; June 11.
- Owen, Henry A., Lawrence, assignor to Davis & Furber Machine Company, North Andover, Mass. Spindle rail lifting mechanism. 2,019,794; Nov. 5.
- Owen, Henry A., Lawrence, and J. H. Broadhurst, Andover, Mass., assignors to Davis & Furber Machine Company, North Andover, Mass. Spinning frame. 2,025,174; Dec. 24.
- Owen, Henry E. L., West Kensington, England. Optical viewing instrument. 2,022,516; Nov. 26.
- Owen, John B., Bloomfield, N. J., assignor to Geophysical Research Corporation, New York, N. Y. Seismic surveying. 2,018,737; Oct. 29.
- Owen, Sidney, Lincoln, Nebr. Necktie holder. 1,994,897; Mar. 19.
- Owen Silent Spring Company, The. (See Dietrich, Charles, assignor.)
- Owen, William. (See Burdett, C. F., and Owen.)
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Glass cutting apparatus. 1,988,565; Jan. 22.
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Clamp for glass. 1,996,385; Apr. 2.
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Glass cutting apparatus. 1,996,386; Apr. 2.
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Sheet glass apparatus. 1,996,387; Apr. 2.
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Glass cutting apparatus. 1,999,593; Apr. 30.
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for cutting glass. 1,999,594; Apr. 30.
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Glass edging machine. 2,010,438; Aug. 6.
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Method of and apparatus for bending glass sheets. 2,021,197; Nov. 19.
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Machine for edging glass sheets. 2,021,198; Nov. 19.
- Owen, William D., Cincinnati, Ohio. Playing card. 1,994,088; Mar. 12.
- Owens, Carl P., Glenside, Pa., assignor to Heinemann Electric Company, Trenton, N. J. Meter testing device. 1,987,564; Jan. 8.
- Owens, Clarence M., East Orange, assignor to Shoup-Owens, Inc., Hoboken, N. J. Folding basket. 1,992,390; Feb. 26.
- Owens, Freeman H., New York, N. Y. Motion picture camera. 1,986,522; Jan. 1.
- Owens, Freeman H., New York, N. Y. Sound film apparatus. 2,002,351; May 21.
- Owens, Freeman H., New York, N. Y. Sound film apparatus. 2,002,352; May 21.
- Owens, Freeman H., New York, N. Y. Shutter device for motion picture cameras. 2,008,924; July 23.
- Owens, Freeman H., New York, N. Y. Electric conductor. 2,019,868; Nov. 5.
- Owens, Gomer F. (See Adams, C. A., and Owens.)
- Owens, Howard E., Welch, W. Va. Automatic brake adjuster. 2,011,573; Aug. 13.
- Owens-Illinois Glass Company. (See Allen, Russell G., assignor.)
- Owens-Illinois Glass Company. (See Barnard, Randolph H., assignor.)
- Owens-Illinois Glass Company. (See Barnby, Herbert A., assignor.)
- Owens-Illinois Glass Company. (See Collins, H. W., and Ruiz, assignors.)
- Owens-Illinois Glass Company. (See Cramer, Albert N., assignor.)
- Owens-Illinois Glass Company. (See Deeren, Kemp K., assignor.)
- Owens-Illinois Glass Company. (See Fuerst, Brooks D., assignor.)
- Owens-Illinois Glass Company. (See Griswold, Hugh T., assignor.)
- Owens-Illinois Glass Company. (See Hofmann, Victor E., assignor.)
- Owens-Illinois Glass Company. (See Kinker, Clarence C., assignor.)
- Owens-Illinois Glass Company. (See Lauck, Albert G., assignor.)
- Owens-Illinois Glass Company. (See McBurney, James E., assignor.)

- Owens-Illinois Glass Company. (See Myers, Frank L., assignor.)
- Owens-Illinois Glass Company. (See O'Neill, Frank, assignor.)
- Owens-Illinois Glass Company. (See O'Neill, Frank O., assignor.)
- Owens-Illinois Glass Company. (See O'Neill, F., and Kinker, assignors.)
- Owens-Illinois Glass Company. (See Scheuerman, August E., assignor.)
- Owens-Illinois Glass Company. (See Schreiber, Carl W., assignor.)
- Owens-Illinois Glass Company. (See Schreiber, C. W., and McLaughlin, assignors.)
- Owens-Illinois Glass Company. (See Schreiber, C. W., and Soubier, assignors.)
- Owens-Illinois Glass Company. (See Shillinger, Clare B., assignor.)
- Owens-Illinois Glass Company. (See Simonton, Warren R., assignor.)
- Owens-Illinois Glass Company. (See Slayter, Games, assignor.)
- Owens-Illinois Glass Company. (See Smith, Charles B., assignor.)
- Owens-Illinois Glass Company. (See Soubier, Leonard D., assignor.)
- Owens-Illinois Glass Company. (See Thomas, John H., assignor.)
- Owens-Illinois Glass Company. (See Walker, Edward J., assignor.)
- Owens-Illinois Glass Company. (See Watkins, W. H., and Kinker, assignors.)
- Owens-Illinois Glass Company. (See White, Jess J., assignor.)
- Owens, Jay C. (See Todd, J. D., and Owens.)
- Owens, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Undervoltage protective system. 2,001,542; May 14.
- Owens, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Electrical switch. 2,009,813; July 30.
- Owens, Raymond W., Edgewood Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Brush-holder. 1,991,061; Feb. 12.
- Owens, Robert J. (See Fraser, H. J., Owens, Jenckes and Lenhart.)
- Owens, Samuel H., Altoona, Pa. Movable abutment for container vehicles. 2,002,439; May 21.
- Owens, Samuel H., Altoona, Pa. Movable abutments for container vehicles. 2,002,440; May 21.
- Owens, Tom B. (See Hodgkin, Durbin C., assignor.)
- Owens, William B., assignor of one-half to J. C. Steele, Santa Monica, Calif. Stone cutter gauge. 2,002,676; May 28.
- Ower, William W., and M. L. Kobelin, Englewood, N. J. Measuring dispensing device. 1,987,578; Jan. 8.
- Ow-Eschingen, Max, Vienna, Austria. Production of metal coatings on celluloid substitutes. 2,010,805; Aug. 13.
- Owings, Morris C., Webster Groves, Mo. Insulating structure and material. 2,012,019; Aug. 20.
- Owings, Thomas D., Valley Stream, N. Y. Drum or container or storage tank for oil or other liquids. 2,018,316; Oct. 22.
- Owler, Thomas D., and J. V. Conway, Chicago, Ill., assignors to Heywood-Wakefield Company, Boston, Mass. Car seat mechanism. 2,016,119; Oct. 1.
- Oxenhandler, Sol, St. Louis, Mo. Knife grinding attachment. 2,006,510; July 2.
- Oxford Filing Supply Co. (See Wood, Samuel A., assignor.)
- Oxford Paper Company. (See Woodruff, Morgan L., assignor.)
- Oxford Varnish Corporation. (See Birnholz, James, assignor.)
- Oxford Varnish Corporation. (See Eichstädt, Karl, assignor.)
- Oxford Varnish Corporation. (See McBean, Robert H., assignor.)
- Oxford Varnish Corporation. (See Stirling, Charles P., assignor.)
- Oxford Varnish Corporation. (See von Webern, Guido, assignor.)
- Oxford Varnish Corporation. (See von Webern, G., and Hamant, assignors.)
- Oxley, Horace F., and W. H. Groombridge, Spondon, near Derby, England, assignors to Celanese Corporation of America. Concentration of aliphatic acids. 2,018,031; Oct. 22.
- Oxweld Acetylene Company. (See Bucknam, Worthy C., assignor.)
- Oxweld Acetylene Company. (See DeMotte, Maurice P., assignor.)
- Oxweld Acetylene Company. (See Lytle, Arthur R., assignor.)
- Oxweld Acetylene Company. (See Miller, Samuel W., assignor.)
- Oxweld Acetylene Company. (See Miller, Wilber B., assignor.)
- Oxweld Railroad Service Company, The. (See Lucas, Abraham N., assignor.)
- Oxweld Railroad Service Company, The. (See Oldham, Samuel R., assignor.)
- Oxweld Railroad Service Company, The. (See Ryan, Leo C., assignor.)
- Oyama, Kaoru. (See Kato, Yagoro, assignor.)
- Oyster, Earl F., Shaker Heights, and F. T. Spikerman, Akron, assignors to The Osborn Manufacturing Company, Cleveland, Ohio. Mold making machine. 2,012,478; Aug. 27.
- Oyston, William R., Melbourne, Victoria, Australia. Apparatus for controlling excessive movements in sprung bodies on motor driven road vehicles. 2,002,249; May 21.
- Ozark Chemical Company. (See Davis, S. H., Anderson, and Stengl, assignors.)
- Ozark Novelty Company. (See Bugg, Kenly C., assignor.)
- Ozenbaugh, Emery F., et al. (See Cave, Daniel B., assignor.)
- Ozmon, Edgar W., Minneapolis, Minn. Neckertie holder. 1,997,650; Apr. 16.
- P & M Company, The. (See Blair, Rolandis A., assignor.)
- P. & M. Company, The. (See Shepherd, Charles B., assignor.)
- Pabst, Charles, Jr., San Antonio, Tex. Ejecting card-case. 2,020,797; Nov. 12.
- Pabst Corporation. (See Reich, John C., assignor.)
- Pace, Edgar A., Milwaukee, and La F. Pace, Gresham, Ore. Pile driver. 2,014,631; Sept. 17.
- Pace, Jefferson D., assignor of one-half to O. O. Latimer, Alexandria, La. Pipe coupling. 2,005,631; June 18.
- Pace, La Fay. (See Pace, Edgar A., and La F.)
- Pacewick, Albert J., Chicago, Ill. Lock. 1,991,985; Feb. 19.
- Pachinger, Frank, West Dover, and A. H. Otersen and D. Helmer, Cleveland, Ohio. Piston ring. 2,024,804; Dec. 17.
- Pacific, Arthur C., Detroit, Mich. Retaining means for fire walls of furnaces. 1,998,733; Apr. 23.
- Pacific Can Company. (See Sullivan, Albert V., assignor.)
- Pacific Clay Products. (See McClintock, William, assignor.)
- Pacific Coast Borax Co. (See Connell, George A., assignor.)
- Pacific Coast Borax Co. (See Dudley, William A., assignor.)
- Pacific Coast Borax Co. (See Newman, Alfred, assignor.)
- Pacific Egg Producers Cooperative, Inc. (See Powell, Charles K., assignor.)
- Pacific Electric Manufacturing Corporation. (See Ralston, Harry J., assignor.)
- Pacific Electric Manufacturing Corporation. (See Thompson, Joseph S., assignor.)
- Pacific Lumber Company, The. (See Williamson, Wilbur W., assignor.)
- Pacific Machinery Company. (See Bem, Joseph P., assignor.)
- Pacific Machinery Company. (See Thompson, Albert R., assignor.)
- Pacific Mills. (See Barnard, K. H., and Kane, assignors.)
- Pacific Pump Works, et al. (See Bigelow, George E., assignor.)
- Pacific Pump Works. (See Bigelow, G. E., and Weis, assignors.)
- Pacific Pump Works. (See Weis, A. R., and Bigelow, assignors.)
- Pacini, August J. (See Near, H. B., Pacini, Crosley, Gerth, Bredigam, and Kelly.)
- Pacini, August J., Chicago, Ill., assignor to American Research Products Inc., Minneapolis, Minn. Producing antirachitic substances. 2,015,282; Sept. 24.
- Pack, Charles, Jackson Heights, N. Y. Die-casting machine. 1,988,506; Jan. 22.
- Pack-Morin, Inc. (See Morin, Louis H., assignor.)
- Package Machinery Company. (See Fischer, Hermann O., assignor.)
- Package Machinery Company. (See Smith, E. L., and Clark, assignors.)
- Package Machinery Company. (See Smith, E. L., and Wetzel, assignors.)
- Package Machinery Company. (See Wetzel, Carlton, assignor.)
- Packard, Alfred R., Springfield, Mass. Valve operating mechanism. 1,990,090; Feb. 5.
- Packard, Ardell, Alba, assignor of one-half to H. F. French, Troy, Pa. Brake testing device. 2,025,692; Dec. 24.
- Packard, Francis M., Davenport, Iowa. Roof pitch indicator. 2,023,539; Dec. 10.
- Packard, M. A., Company. (See Kent, John S., Jr., assignor.)
- Packard Motor Car Company. (See Barden, Earl M., assignor.)
- Packard Motor Car Company. (See Best, Frank C., assignor.)
- Packard Motor Car Company. (See Christman, John M., assignor.)
- Packard Motor Car Company. (See Edwards, Herbert C., assignor.)
- Packard Motor Car Company. (See Griswold, Walter R., assignor.)
- Packard Motor Car Company. (See Hutchison, Miller R., assignor.)
- Packard Motor Car Company. (See Jacks, Jacob A., assignor.)
- Packard Motor Car Company. (See Knapp, Archer L., assignor.)
- Packard Motor Car Company. (See Krebs, Henry, assignor.)
- Packard Motor Car Company. (See Moorhouse, Alfred, assignor.)

- Packard Motor Car Company. (See Page, Joseph F., assignor.)
- Packard Motor Car Company. (See Paton, Clyde R., assignor.)
- Packard Motor Car Company. (See Storey, Edwin F., assignor.)
- Packard Motor Car Company. (See Tibbetts, Milton, assignor.)
- Packard Motor Car Company. (See Van Ranst, Cornelius W., assignor.)
- Packard Motor Car Company. (See Vincent, Jesse G., assignor.)
- Packard Motor Car Company. (See Woolson, Lionel M., assignor.)
- Packer, Joseph S., assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft sustaining rotor. 2,009,703; July 30.
- Packer, William H. (See Gillen, George M., assignor.)
- Packers' Supply Company Limited. (See Vaughan, Eric G. S., assignor.)
- Packie, John W., Green Village, N. J., assignor to Standard Oil Development Company. Internal stripper for bubble towers. 2,015,725; Oct. 1.
- Packing Products Corporation. (See Cox, Stephen J., assignor.)
- Packless Metal Products Corporation. (See Guarnaschelli, Stephen, assignor.)
- Packman, Percival J., Seven Kings, assignor to The Plessey Company Limited, Ilford, Essex, England. Electrical condenser. 2,001,153; May 14.
- Packmat Corporation. (See Reuter, Francis J., assignor.)
- Pacz, Aladar, Cleveland, Ohio. Modification of aluminum, aluminum alloys, and alloys containing aluminum. 2,013,926; Sept. 10.
- Padberg, Carl. (See Wespy, Carl R. C. C., assignor.)
- Paddle, Leslie H., Chiswick, London, England. Modulation control system. 2,011,499; Aug. 13.
- Paddock, Levi S. (See Bloom, O. T., and Paddock.)
- Paddock, Levi S. (See McKee, H. H., and Paddock.)
- Paddock, Levi S., and R. W. Regensburger, Chicago, Ill., assignors, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Meat treating method and means. 2,009,587; July 30.
- Paden, Charles E., Pittsburgh, assignor of one-third to E. J. Detting, Mount Lebanon, and one-third to J. Clayton, Dormont, Pa. Drive on tire jack. 2,012,635; Aug. 27.
- Paden, William L., Dayton, assignor, by mesne assignments, to Central United National Bank, Cleveland, Ohio, as trustee. Cash register. 1,992,452; Mar. 5.
- Padgett, Joseph E., Toledo, Ohio. Making universal joints. 1,987,415; Jan. 8.
- Padgett, Joseph E., Toledo, Ohio. Apparatus for use in assembling gearing in housing. 1,996,169; Apr. 2.
- Padgett, Joseph E., Toledo, Ohio. Apparatus for use in assembling machine elements in housings. 1,996,170; Apr. 2.
- Padgett, Joseph E., Toledo, Ohio. Automatic power transmitting mechanism. 2,007,304; July 9.
- Padgett, Joseph E., Toledo, Ohio. Sealing structure. 2,020,122; Nov. 5.
- Padgett, Joseph E., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Synchronizing clutch for transmission gears. 2,014,632; Sept. 17.
- Padgett, Joseph E., and R. P. Lewis, Toledo, Ohio. Drive axle. 2,018,188; Oct. 22.
- Paducah Box & Basket Co. (See Miller, Julien C., assignor.)
- Pad-Y-Wax Company. (See Weller, William W., assignor.)
- Paffen, Fred W., Forest Hills, N. Y., assignor to Celanese Corporation of America. Liquid seal. 2,022,384; Nov. 26.
- Pagan, Antonio, Cabo Rojo, P. R. Glove. 2,025,357; Dec. 24.
- Paganello, Nunzio, Brooklyn, N. Y. Doll's head construction. 1,990,346; Feb. 5.
- Page, Albert, Streatham Park, London, England, assignor to Landis & Gyr, A.-G. Maximum demand meter. 1,990,417; Feb. 5.
- Page, Albert B., Schenectady, N. Y., assignor to General Electric Company. Heating apparatus and system. 1,998,332; Apr. 16.
- Page, Albert E., Brooklyn, assignor to Scott & Williams, Incorporated, New York, N. Y. Knitting machine. 1,990,416; Feb. 5.
- Page, Albert E., Brooklyn, assignor to Scott & Williams, Incorporated, New York, N. Y. Making elastic fabric. 2,017,444; Oct. 15.
- Page, Charles A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Laminated material and producing same. 2,011,648; Aug. 20.
- Page, Ernest A., Perkiomenville, Pa. Dental implement. 2,014,289; Sept. 10.
- Page, Frank R., Brooklyn, assignor to Scott & Williams, Incorporated, New York, N. Y. Knitting machine. 2,005,632; June 18.
- Page, George A., Jr., Ferguson, Mo., assignor to Curtiss-Wright Airplane Company, Inc. Battery installation. 1,993,893; Mar. 12.
- Page, George A., Jr., Freeport, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Wheel fairing. 2,021,325; Nov. 19.
- Page, Grace, Seattle, Wash. Back-washing brush. 1,999,846; Apr. 30.
- Page, James H., San Jose, Calif. Automatic brake adjuster. 2,018,567; Oct. 22.
- Page, John W., Chicago, Ill. Bucket. 1,989,334; Jan. 29.
- Page, John W., Chicago, Ill. Excavating apparatus. 2,003,900; June 4.
- Page, Joseph F., assignor to Packard Motor Car Company, Detroit, Mich. Shock absorber adjustment. 1,999,474; Apr. 30.
- Page, Milton H., assignor to Trutone Audifilm Corporation, Chicago, Ill. Sound reproducing device. 2,014,537; Sept. 17.
- Page, Ralph E., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Perforating machine. 2,013,543; Sept. 3.
- Page, Ralph E., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Perforated record controlled machine. 2,019,869; Nov. 5.
- Page, Reford L., assignor of thirty-three and one-third per cent to L. E. Herrick, Binghamton, N. Y. Refrigeration apparatus. 1,988,214; Jan. 15.
- Page, Robert M., Washington, D. C. Detector circuit. 2,019,503; Nov. 5.
- Page, Robert R. (See Swartzell, Wilbur M., assignor.)
- Pagenel, Maurice. (See Ekisler, Jean, assignor.)
- Pagenkopf, Walter H., La Grange, assignor to Teletype Corporation, Chicago, Ill. Tape coil clip. 2,021,374; Nov. 19.
- Paget, Win W., Chicago, Ill., assignor to Sullivan Machinery Corporation. Rotary compressor. 2,006,366; July 2.
- Pahls, John J., St. Louis, Mo., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Applicator cap. 2,002,762; May 28.
- Paige, Arthur E., Philadelphia, Pa. Liquid dispensing apparatus. 1,999,663; Apr. 30.
- Paige, Arthur E., Philadelphia, Pa. Liquid dispensing apparatus. 2,011,009; Aug. 13.
- Paige, Richard E., Flushing, N. Y. Display device. 1,997,429; Apr. 9.
- Paige, Richard E., Flushing, N. Y. Display device. 2,001,499; May 14.
- Paige, Richard E., Flushing, N. Y. Display device. 2,021,018; Nov. 12.
- Pailler, Eugene C., assignor to Silk-Eze Corporation, Boston, Mass. Fabric cleaning and dyeing composition. 2,014,007; Sept. 10.
- Palm, John V. O., and G. S. Salzman, Cleveland Heights, assignors to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Producing bimetallic strips. 2,022,571; Nov. 26.
- Paine, Clifford. (See Haddock, N. H., and Paine.)
- Paine, Clifford, Handforth, England, assignor to Imperial Chemical Industries Limited. Azo-dye and its preparation. 2,014,207; Sept. 10.
- Paine, Clifford, Handforth, England, assignor to Imperial Chemical Industries Limited. Azo dye and its preparation. 2,014,450; Sept. 17.
- Paine, Clifford, Handforth, England, assignor to Imperial Chemical Industries Limited. Azo dye and method for its preparation. 2,018,764; Oct. 29.
- Paine, Roy E., Cleveland, Ohio, assignor, by mesne assignments, to Magnesium Development Corporation. Alloy. 1,998,168; Apr. 16.
- Paine, Roy E., Cleveland, Ohio, assignor, by mesne assignments, to Magnesium Development Company. Alloy. 1,998,169; Apr. 16.
- Paine, Roy E., Cleveland, Ohio, assignor, by mesne assignments, to Magnesium Development Corporation. Alloy. 1,998,170; Apr. 16.
- Paine, Roy E., Cleveland, Ohio, assignor, by mesne assignments, to Magnesium Development Corporation. Alloy. 1,998,171; Apr. 16.
- Painter, Albin M., deceased, Kansas City, Mo., by K. D. Painter, Administratrix, Kansas City, Mo., H. P. Cady, Lawrence, Kans., and G. C. Henson, Liberty, Mo. Inhalant capsule. 2,010,318; Aug. 8.
- Painter, Albin M., deceased, by K. D. Painter, administratrix, Kansas City, Mo., H. P. Cady, Lawrence, Kans., and G. C. Henson, Liberty, Mo. Nasal medicament. 2,013,524; Sept. 3.
- Painter, Charles E., Oklahoma City, Okla. Oil and gas separator valve. 1,994,660; Mar. 19.
- Painter, Katharine D., administratrix. (See Painter, A. M., Cady, and Henson.)
- Painter, Richard E., Seattle, Wash. Doughnut forming machine. 2,022,093; Dec. 3.
- Painter, Robert K., Los Angeles, H. H. Moreton, Santa Monica, and C. W. Hill, South Pasadena, Calif. Bituminous emulsion. 2,023,540; Dec. 10.
- Paisley, Clifford J. (See McDonald, T., and Paisley.)
- Pajari, Yrjö, Montreal, Quebec, Canada. Shower bath apparatus. 1,986,355; Jan. 1.
- Pako Corporation. (See Houch, J. W., and Dye, assignors.)
- Palazzolo, Rosario, New York, N. Y. Spark plug. 1,990,347; Feb. 5.
- Paley, Lewis A., Villa Park, assignor to United States Gypsum Company, Chicago, Ill. Sound absorbing structure. 1,997,596; Apr. 16.
- Palicki, Robert C., Toledo, Ohio. Work glove. 2,004,382; June 11.
- Palinkos, Stephen J., South Norwalk, Conn. Hinge. 2,006,110; June 25.
- Paladino, Jerry, Chicago, Ill. Shoe tree. 2,026,246; Dec. 31.

- Pallas-Apparate-Gesellschaft m. b. H. (See Schüttler, Paul, assignor.)
- Pallas, James E., San Francisco, Calif. Stovepipe. 2,014,073; Sept. 10.
- Pallas, Joseph, New York, N. Y. Garment clasp. 2,014,979; Sept. 17.
- Pallas, Vernon R., Cortland, N. Y. Heat treated oiled filament. 1,999,134; Apr. 23.
- Pallas, Vernon R., Cortland, N. Y. Dyeing process for solidified drying oils. 1,999,170; Apr. 23.
- Palli, Stefano, Turin, Italy. Tubular rubber tire with metal springs. 2,007,724; July 9.
- Paln, Albert. (See Helwert, F., and Palm.)
- Paln, Hermann, Neukochen, near Unterkochen, assignor to J. M. Voith, Heidenheim-on-the-Brenz, Germany. Regulating liquids. 1,992,502; Feb. 26.
- Palm, Hugo W., Pequannock, N. J. Blanket. 1,988,566; Jan. 22.
- Palm, John V. O., Cleveland Heights, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Apparatus for making bearings. 2,015,154; Sept. 24.
- Palme, Arthur, Pittsfield, Mass., assignor to General Electric Company. Electric switch mechanism. 2,026,356; Dec. 31.
- Palmer, Arthur B., Dallas, Tex., and G. L. Kothny, Stratford, assignors to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Method and apparatus for orienting whipstocks. 2,012,138; Aug. 20.
- Palmer, C. M. (See Glaser, J. L., and Segal, assignor.)
- Palmer, C. M. (See Segal, Samuel, assignor.)
- Palmer, De Mar A. (See Benbow, J. D., and Palmer.)
- Palmer, De Mar A. (See Slaker, J. H., and Palmer.)
- Palmer, Donald R., Little Neck, N. Y. Box construction. 2,003,388; June 4.
- Palmer, Dwight R. G., South Orange, N. J., assignor to General Cable Corporation, New York, N. Y. Electrical conductor. 2,004,901; June 11.
- Palmer, Earl W. (See Smith, C. S., and Palmer.)
- Palmer Electric & Manufacturing Co., The. (See Dante, Joseph D., assignor.)
- Palmer Electric & Manufacturing Co., The. (See Johanson, Ernest G., assignor.)
- Palmer, Frank R., Reading, assignor to The Carpenter Steel Company, Reading, Pa. Free machining ferrous alloy. 2,009,713; July 30.
- Palmer, Frank R., assignor to The Carpenter Steel Company, Reading, Pa. Free machining carbon steel. 2,009,714; July 30.
- Palmer, Frank R., assignor to The Carpenter Steel Company, Reading, Pa. Free machining alloy tool steel. 2,009,715; July 30.
- Palmer, Frank R., assignor to The Carpenter Steel Company, Reading, Pa. Free machining structural alloy. 2,009,716; July 30.
- Palmer, George B., Jr., Detroit, R. B. Grubba, Center Line, and P. Missner, assignors to McCord Radiator & Manufacturing Company, Detroit, Mich. Evaporator. 2,012,891; Aug. 27.
- Palmer, George M., St. Paul, Minn. Aircraft pick-up mechanism and method. 1,999,777; Apr. 30.
- Palmer, George O., Morrisville, N. Y. Corn binder. 2,009,784; July 30.
- Palmer, Gideon H., East Orange, N. J. Utilization of cotton plant. 1,991,769; Feb. 19.
- Palmer, Gideon H., East Orange, N. J. Utilization of cotton plant cellulose. 2,003,696; June 4.
- Palmer, Harry A., assignor to Palmer Inventions, Inc., Malden, Mass. Combined supply controlling and feed regulating apparatus. 2,013,576; Sept. 3.
- Palmer, Herbert R., Shaker Village, assignor of one-half to T. H. Tubman, Akron, Ohio. Gas burner. 2,014,665; Sept. 17.
- Palmer, Herbert R., Shaker Village, assignor of one-half to Thomas H. Tubman, Akron, Ohio. Lawn mower. 2,023,029; Dec. 3.
- Palmer Inventions, Inc. (See Palmer, Harry A., assignor.)
- Palmer, John F., St. Joseph, Mich. Insulating material. 1,997,389; Apr. 9.
- Palmer, Keith W. (See Coffey, S., and Palmer.)
- Palmer, Keith W., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Hydroxy aryl mercapto compounds and preparing the same. 2,004,728; June 11.
- Palmer, Mary L. (See Palmer, William A., assignor.)
- Palmer, Oscar C., Jacksonville, Fla. Expansible piston. 2,026,098; Dec. 31.
- Palmer, Oscar C., Phoenix, Ariz. Radiator fin construction. 2,002,923; May 28.
- Palmer, Oscar C., Phoenix, Ariz. Oil cooler. 2,014,028; Sept. 10.
- Palmer, Oscar C., Phoenix, Ariz. Radiator construction. 2,018,922; Oct. 29.
- Palmer, Robert C., and P. O. Powers, assignors to Newport Industries, Inc., Pensacola, Fla. Treatment of oils containing tertiary terpene alcohols and products obtained thereby. 2,016,576; Oct. 8.
- Palmer, Robert C., and P. O. Powers, Pensacola, Fla., assignors to Newport Industries, Inc., Milwaukee, Wis. Rosin drying oil and producing the same. 2,022,973; Dec. 3.
- Palmer, Robert C., and P. O. Powers, Pensacola, Fla., assignors to Newport Industries, Inc., Milwaukee, Wis. Drying oils for bronzing inks. 2,022,974; Dec. 3.
- Palmer, Sidney L. (See Fleming, E. P., and Palmer.)
- Palmer, Willard S., administrator. (See Palmer, William A.)
- Palmer, William A., deceased, Muhlenberg Township, Berks County, Pa., W. S. Palmer, administrator, assignor to M. L. Palmer. Collapsible mold for concrete burial vaults. 2,001,795; May 21.
- Palmgren, Nils A., assignor to Aktiebolaget Svenska Kullagerfabriken, Göteborg, Sweden. Roller bearing. 2,008,336; July 16.
- Palmgren, Nils A., assignor to Aktiebolaget Svenska Kullagerfabriken, Gottenborg, Sweden. Universal plain bearing. 2,016,021; Oct. 1.
- Palter, Harry, et al. (See Greenberg, Harry, assignor.)
- Paluchnick, Joseph, Detroit, Mich., assignor to Essex Wire Corporation. Insulated conductor. 1,997,910; Apr. 16.
- Palucki, Charles B., West Englewood, assignor to Alfred Hofmann & Company, West New York, N. J. Wire sectioning mechanism and method. 1,986,356; Jan. 1.
- Paluett, Konstantin K., Pittsfield, Mass., assignor to General Electric Company. Transformer fault detector. 1,992,013; Feb. 19.
- Pan American Petroleum and Transport Company. (See Childress, James H., assignor.)
- Panaro, Antonio, assignor of one-half to W. H. Phelps, Sidney, N. Y. Heating appliance. 2,021,462; Nov. 19.
- Panebianco, Gino, and C. Adamoli, Milan, Italy. Extracting oxide of beryllium direct from the minerals containing same. 1,998,685; Apr. 23.
- Pangborn, Arthur R., Watkins Glen, N. Y. Flow-motor. 1,990,612; Feb. 12.
- Pangborn, Arthur R., Watkins Glen, N. Y. Steam generator. 1,991,572; Feb. 19.
- Pangborn Corporation. (See Huyett, Robert B., assignor.)
- Pangborn Corporation. (See Rosenberger, William A., assignor.)
- Pangborn, Louis H., assignor of one-half to E. W. Burzette, Fort Madison, Iowa. Hunting-simulating toy. 2,007,061; July 2.
- Panhandle Refining Company. (See Sims, W. F., and Cloer, assignors.)
- Panish, Erwin J., Bridgeport, Conn. Valve control. 2,007,658; July 9.
- Pannecoucke, Gregoire J., Detroit, Mich. Reinforced wheel construction. 2,014,633; Sept. 17.
- Pannecoucke, Gregoire J., and J. P., Detroit, Mich. Making wheels. 2,013,895; Sept. 10.
- Pannutti, Antonio D., Jr., Falling Waters, W. Va. Separable fastener. 2,000,415; May 7.
- Pantalone, Vincent, assignor to National Folding Box Company, New Haven, Conn. Dispensing container. 2,017,405; Oct. 15.
- Pantek, Stanley, Armada, Mich. Washtub bench attachment. 1,997,947; Apr. 16.
- Panter, John W., et al. (See Seese, William, assignor.)
- Panther-Panco Rubber Co. Inc. (See Greenbaum, A., and Kelley, assignors.)
- Panzegrau, Norman O. (See Baker, D. B., Panzegrau and Rogers.)
- Panzegrau, Norman O., Chicago, Ill. assignor to International Harvester Company. Track type tractor. 2,002,274; May 21.
- Panzegrau, Norman O., and W. C. Rosenthal, Chicago, Ill., assignors to International Harvester Company. Track adjustment for track type tractors. 2,017,729; Oct. 15.
- Panzica, August, Lodi, Calif. Tire chain. 2,013,064; Sept. 3.
- Paolillo, Thomas G. (See Asmusen, A. J., and Paolillo.)
- Paolucci, Vincent, Cleveland, Ohio. Undergarment. 2,025,304; Dec. 24.
- Papadopoulos, Basil, Brooklyn, N. Y. Multiple dispensing and measuring apparatus. 2,012,017; Aug. 20.
- Papageorge, Theodore, assignor to Monarch Manufacturing Company, Milwaukee, Wis. Garment. 2,013,833; Sept. 10.
- Paparella, Frank, Brighton, Mass. Edge molding apparatus. 2,013,834; Sept. 10.
- Paparella, Frank, Needham, Mass. Molding edge portions of material. 2,013,835; Sept. 10.
- Paparello, Louis, assignor of forty-five per cent to William F. Gilbert, Brooklyn, N. Y. Closure for collapsible tubes. 1,987,156; Jan. 8.
- Pape, Edward W., St. Louis, Mo. Adjustable extension broiler. 2,008,222; July 16.
- Pape, Herbert D., New York, assignor to Premier Metal Etching Company, Long Island City, N. Y. Index dial plate. 1,995,036; Mar. 19.
- Pape, Louis F. W., Dusseldorf-Benrath, assignor to the firm Henkel & Cie, Gesellschaft mit beschränkter Haftung, Dusseldorf, Germany. Polishing composition and manufacturing same. 1,995,219; Mar. 19.
- Pape, Louis F. W., Dusseldorf-Benrath, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Polishing composition and making the same. 2,009,633; July 30.
- Pape, Wilhelm, Benrath-on-the-Rhine, Germany, assignor, by mesne assignments, to Procter & Gamble Company, Ivorydale, Ohio. Producing high-percentages transparent soaps. 2,005,160; June 18.
- Papendick, Inc. (See Tewes, Anthony B., assignor.)
- Paper Patents Company. (See Davis, Myrl N., assignor.)
- Paper Patents Company. (See Fourness, C. A., and Pearson, assignors.)
- Paper Patents Company. (See Kellett, William R., assignor.)

- Paper Patents Company. (See Kellett, W. R., and Pearson.)
- Paper Service Company, The. (See Kemp, William C., assignor.)
- Papin, Joseph E., assignor to Wagner Electric Corporation, St. Louis, Mo. Winding an electric machine. 2,011,114; Aug. 13.
- Pappert, Emanuel, Flushing, N. Y., assignor to The Ful-Vue Sales Company, Washington, D. C. Spectacle front. 1,996,683; Apr. 2.
- Pappert, Emanuel, Long Island City, N. Y., assignor to G. P. Kimmel, Washington, D. C. Spectacle frame. 1,996,684; Apr. 2.
- Pappert, Emanuel, Long Island City, N. Y., assignor to G. P. Kimmel, Washington, D. C. Rimless endpiece mounting. 2,006,278; June 25.
- Pappert, Emanuel, Flushing, N. Y., assignor to The Ful-Vue Sales Company, Washington, D. C. Rimless spectacle mounting. 2,011,905; Aug. 20.
- Pappert, Emanuel, Flushing, N. Y., assignor to George P. Kimmel, Washington, D. C. Endpiece for rimless spectacles. 2,011,906; Aug. 20.
- Pappert, Emanuel, Flushing, N. Y., assignor to The Ful-Vue Sales Company, Washington, D. C. Lens strap. 2,014,978; Sept. 17.
- Papst, Hermann, St. Goergen, Schwarzwald, Germany. Scanning device. 2,010,411; Aug. 6.
- Papworth, Walter A., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Ironing machine cabinet. 2,013,421; Sept. 3.
- Papworth, Walter A., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Combined washing and drying machine. 2,019,089; Oct. 29.
- Paquin, Max. (See Steindorff, A., and Paquin.)
- Paquin, Max, Königstein-on-the-Taunus, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Urea condensation product and preparing it. 1,986,067; Jan. 1.
- Par Appliances, Inc. (See De Lancey, R. W., and Rothenberger, assignors.)
- Paradise, Louis A., assignor to Deere & Company, Moline, Ill. Mower. 1,991,226; Feb. 12.
- Paradise, Louis A., assignor to Deere & Company, Moline, Ill. Corn picker. 2,009,514; July 30.
- Paradise, Louis A., assignor to Deere & Company, Moline, Ill. Making a knife head. 2,023,899; Dec. 10.
- Paradise, Louis A., W. J. Coultas, and N. F. Andrews, assignors to Deere & Company, Moline, Ill. Mower. 1,996,484; Apr. 2.
- Paradise, Raymond P., Indianapolis, Ind. Pipe line swivel joint. 2,010,886; Aug. 13.
- Paraffine Companies, The. (See Coleman, J., and Swall, assignors.)
- Paraffine Companies, The. (See Finley, Dozier, assignor.)
- Paraffine Companies, The. (See Grosh, E. B., Fish, and Cohen, assignors.)
- Paraffine Companies, The. (See Matthews, E. C., and Clary, assignors.)
- Paraffine Companies, The. (See Nutting, Willard H., assignor.)
- Paraffine Companies, The. (See Rosener, Leland S., assignor.)
- Paraffine Companies, The. (See Rosener, L. S., and Birk, assignors.)
- Paraffine Companies, Inc., The. (See Finley D., and Greig, assignors.)
- Paragon Electric Mfg. Co., not incorporated. (See Parker, Thomas L., assignor.)
- Paramor, John, Watford, and H. Suckling, West Thurrock, assignors to The Watford Engineering Works Limited, Watford, England. Washing device comprising shower pipes. 1,997,651; Apr. 16.
- Paramount Productions, Inc. (See Ensign, H. N., and Hanson, assignors.)
- Paramount Productions, Inc. (See Westmore, Walter J., assignor.)
- Paramount Wire Co. Inc. (See Nicolle, Edouard A., assignor.)
- Parant, André M. (See Ricard, E., Guinot, and Parant.)
- Parco Specialty Co. (See Eaton, Horace M., assignor.)
- Pardee, Frank, and F. Pardee, Jr., assignors to Anthracite Separator Company, Hazleton, Pa. Mechanical separator. 2,023,286; Dec. 3.
- Pardee, Frank, and F. Pardee, Jr., assignors to Anthracite Separator Company, Hazleton, Pa. Separator. 2,023,287; Dec. 3.
- Pardee, Frank, Jr. (See Pardee, Frank, and Pardee, Jr.)
- Pardee, Harvey S. (See Kirsch, B., and Pardee.)
- Pardee, Harvey S., Ravinia, assignor, by mesne assignments, to Hydromatic Corporation, Chicago, Ill. Valve system. 2,009,515; July 30.
- Pardee, Harvey S., Ravinia, assignor, by mesne assignments, to Hydromatic Corporation, Chicago, Ill. Automatic brake release. 2,025,889; Dec. 31.
- Pardee, Howard J., New York, N. Y. Meter construction. 2,005,845; June 25.
- Pardee, Howard J., New York, N. Y. Sewage chlorination. 2,013,577; Sept. 3.
- Pardeck, Frank J., Indianapolis, Ind. Valve handle. 2,013,578; Sept. 3.
- Pardee, William D., Lawrenceville, assignor to Thermold Rubber Company, Trenton, N. J. Felted asbestos product. 2,000,416; May 7.
- Pardoll, Abraham S., assignor of two-thirds to R. Pardoll, New Haven, Conn., and one-third to J. Manus. Water heater for range oil burners. 1,993,453; Mar. 5.
- Pardoll, Rosalind, et al. (See Pardoll, Abraham S., assignor.)
- Parduba, John, New York, N. Y. Mouthpiece for brass wind instruments. 2,018,738; Oct. 29.
- Parfumerie Rigaud, Inc. (See Kendall, William G., assignor.)
- Paridon, Michael, Barberton, Ohio, assignor to The Diamond Match Company, Baltimore, Md. Level controlling means for liquid containing vessels. 1,997,390; Apr. 9.
- Paridon, Michael, Barberton, Ohio, assignor to The Diamond Match Company, New York, N. Y. Machine for packing flat packets and the like. 2,006,147; June 25.
- Paris, Henry K., Oakland, Calif., assignor to P. W. Yett, Portland, Oreg. Concrete mixer. 1,998,635; Apr. 23.
- Paris, Hugh P., King County, near Kirkland, Wash. Transit concrete mixer. 2,013,359; Sept. 3.
- Paris, Hugh P., assignor, by mesne assignments, to Paris Transit Mixer Co., Seattle, Wash. Transit concrete mixer. 2,013,360; Sept. 3.
- Paris, Robert E., New York, N. Y. Autographic and calculating device for registering instruments. 1,991,515; Feb. 19.
- Paris, Robert E., New York, N. Y. Sorting machine. 1,991,516; Feb. 19.
- Paris Transit Mixer Co. (See Paris, Hugh P., assignor.)
- Parish Pressed Steel Company. (See Lewis, H. S., and Fox, assignors.)
- Parish, Richard L., assignor to American Flange & Manufacturing Company, Chicago, Ill. Closure plug and forming same. 1,999,205; Apr. 30.
- Park, Charles R., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Pigment and making the same. 2,012,823; Aug. 27.
- Park, James G. (See Hofmann, H. E., and Park.)
- Park, Lawrence H., assignor to Republic Steel Corporation, Youngstown, Ohio. Method and apparatus for forming heavy gauge pipe blanks from flat metal. 2,012,795; Aug. 27.
- Park, Lawrence H., assignor to Republic Steel Corporation, Youngstown, Ohio. Inside burr remover. 2,025,422; Dec. 24.
- Park, Mary, Chicago, and M. Martin, Riverside, assignors to The H. W. Gossard Company, Chicago, Ill. Brassière. 2,023,612; Dec. 10.
- Park, Matthew C. (See Bedford, Jesse, assignor.)
- Park, Robert E., Jr., Bloomfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric apparatus. 2,004,616; June 11.
- Park, Robert H., Pembroke, Mass. Electric heating. 2,012,618; Aug. 27.
- Park, Robert N., Los Angeles, assignor to J. M. Roberts, Wilmar, Calif. Electric motor construction. 2,002,793; May 28.
- Parke Davis & Company. (See Ferry, Newell S., assignor.)
- Parke, Davis & Company. (See Grote, Irvine W., assignor.)
- Parke, Davis & Company. (See Kamm, O., and Grote, assignors.)
- Parke, Davis & Company. (See Swingle, W. W., and Pfiffner, assignors.)
- Parker, Arthur H. (See Sebell, Harry, assignor.)
- Parker, Arthur M. (See Sebell, Harry, assignor.)
- Parker Brothers, Inc. (See Darrow, Charles B., assignor.)
- Parker, Cecil C., Buffalo, N. Y. Dish rack. 2,010,734; Aug. 6.
- Parker, Charles. (See Archbold, J., and Parker.)
- Parker, Charles H., Codsall, assignor to Low Temperature Carbonisation Limited, London, England. Retort for the distillation of solid carbonaceous substances. 1,989,459; Jan. 29.
- Parker, Charles H., Codsall, and J. P. Postlethwaite, London, assignors to Low Temperature Carbonization Limited, London, England. Apparatus for the distillation of coal and similar carbonaceous substances. 2,014,583; Sept. 17.
- Parker, Charles K., Richmond, assignor to Standard Oil Company of California, San Francisco, Calif. Stabilized hydrocarbon oil. 2,001,108; May 14.
- Parker, Clark W., Brewster, N. Y., assignor, by mesne assignments, to The Lubrication Corporation, South Bend, Ind. Coupling means for lubricating systems. 2,005,556; June 18.
- Parker, Claude E., Chicago, assignor of one-third to W. W. Rosebro, and one-third to L. J. Krensky, Chicago, Ill. Culinary mold. 2,008,725; July 23.
- Parker, Corray O., Jackson, Miss. Windshield wiper. 2,009,588; July 30.
- Parker, Donald, et al, administrator. (See Mattingly, Harold W., assignor.)
- Parker, Donald, administrator, et al. (See Riggs, Fred W.)
- Parker, Donald, administrator, et al. (See Twomey, Herbert E.)
- Parker, Donald, Fresno, Calif. Leg actuated pump. 1,998,734; Apr. 23.
- Parker, Frank O., administrator. (See French, John P., assignor.)
- Parker, Frank O., assignor to Acme Steel & Malleable Iron Works, Inc., Buffalo, N. Y. Supporting bracket. 1,988,136; Jan. 15.

- Parker, Frederick, Limited. (See Parker, Frederick W., assignor.)
- Parker, Frederick W., assignor to Frederick Parker Limited, Leicester, England. Rotary breaker. 1,996,485; Apr. 2.
- Parker, Freedom, Akron, Ohio. Rack. 1,994,200; Mar. 12.
- Parker, George D. (See Riggs, Fred W.)
- Parker, George D. (See Twomley, Herbert E.)
- Parker, George D., Estate of. (See Twomley, Herbert E., assignor.)
- Parker, Guy E., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Spring shackle. 2,008,925; July 23.
- Parker, Harry L., Puente, Calif. Fishing spoon. 1,986,282; Jan. 1.
- Parker, Henry W., assignor to Rogers Radio Tubes, Limited, Toronto, Ontario, Canada. Electron discharge device. 2,006,716; July 2.
- Parker, Henry W., assignor to Rogers Radio Tubes Limited, Toronto, Ontario, Canada. Thermionic tube. 2,016,649; Oct. 8.
- Parker, Howard, assignor to Brown Company, Berlin, N. H. Waterproof fibrous tubing and making the same. 1,990,248; Feb. 5.
- Parker, Humphrey F., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,001,936; May 21.
- Parker, Humphrey F., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,001,937; May 21.
- Parker, Humphrey F., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,001,938; May 21.
- Parker, Humphrey F., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,001,939; May 21.
- Parker, Humphrey F., and B. E. House, assignors to Bendix Brake Company, South Bend, Ind. Brake. 1,994,434; Mar. 12.
- Parker, Ignatius F., trustee. (See Guest, William W.)
- Parker, J. Henry S., assignor to Eastman Kodak Company, Rochester, N. Y. Light tight film package for cameras. 2,017,160; Oct. 15.
- Parker, John R., assignor of one-half to F. P. Higgins, Toronto, Ontario, Canada. Clasp for garment supporters. 2,016,175; Oct. 1.
- Parker, John W., Detroit, Mich. Spindle construction. 2,017,290; Oct. 15.
- Parker, Laurie F., Stamford, Conn., assignor to Silas Mason Company, Inc., East Boston, Mass. Apparatus for rock tunneling. 1,992,129; Feb. 19.
- Parker, Laurie F., Boston, assignor to Silas Mason Company, Inc., East Boston, Mass. Apparatus for conveying earth and detritus through different pressure areas of tunnels. 1,999,420; Apr. 30.
- Parker, Laurie F., Stamford, Conn. Tunnel liner bolt tightening apparatus. 2,009,409; July 30.
- Parker, Ledru R., San Antonio, Tex. Belt treatment. 2,001,582; May 14.
- Parker, Leo C. (See Back, Joseph B., assignor.)
- Parker, Lewis E., Presque Isle, Maine. Wheel guard. 1,988,086; Jan. 15.
- Parker, Loring S., assignor of one-half to G. W. Kaufman, Des Moines, Iowa. Variable compensating steering gear. 1,992,440; Feb. 26.
- Parker, Lucian B., assignor to The Ohio Match Company, Wadsworth, Ohio. Pull-light book match. 2,018,969; Oct. 29.
- Parker, Lucian B., assignor to The Ohio Match Company, Wadsworth, Ohio. Pull-light book match. 2,018,970; Oct. 29.
- Parker-Meyer-Dennis Company. (See Davis, J. A., and Moyer, assignors.)
- Parker, Milton E. (See Hammer, B. W., Horneman, and Parker.)
- Parker, Orrel A., Cleveland, Ohio. Wheel. 2,005,828; June 25.
- Parker Pen Company, The. (See Crowell, Lucius A., assignor.)
- Parker, Sidney E., assignor to C. J. Mund, Los Angeles, Calif. Boiler construction. 2,003,491; June 4.
- Parker, Thomas J., assignor of one-half to A. Van Proyen, Chicago, Ill. Steam boiler. 1,995,814; Mar. 26.
- Parker, Thomas L., assignor to The Standard Electric Manufacturing Co., Chicago, Ill. Mounting for electrical devices. 1,999,475; Apr. 30.
- Parker, Thomas L., Chicago, Ill. Electric switch. 2,023,094; Dec. 3.
- Parker, Thomas L., Chicago, Ill. Fastening device for electrical appliances. 2,023,095; Dec. 3.
- Parker, Thomas L., Chicago, Ill., assignor to Paragon Electric Mfg. Co., not incorporated. Electric switch. 2,023,146; Dec. 3.
- Parker, Walter H. (See MacLean, A. D., and Parker.)
- Parker, Walter H. (See MacLean, A. D., Parker, and Seibert.)
- Parker, Walter H., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Piston meter. 1,986,747; Jan. 1.
- Parker, Walter H., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Calibration mechanism for reciprocating piston meters. 2,011,157; Aug. 13.
- Parker, Walter H., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Wide range orifice meter installation. 2,020,432; Nov. 12.
- Parker, Walter H., and N. J. Seibert, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Piston meter. 2,003,901; June 4.
- Parker, Walter H., Pittsburgh, N. J. Seibert, and A. D. MacLean, Wilkensburg, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Orifice meter. 2,024,059; Dec. 10.
- Parker, William B., Placerville, assignor to California Spray-Chemical Corporation, Berkeley, Calif. Knapsack sprayer. 1,986,407; Jan. 1.
- Parker, William B., Placerville, Calif. Apparatus for applying insecticidal or fungicidal material. 2,012,973; Sept. 3.
- Parker, William H., and H. Jaffe, Chicago, Ill., assignors, by mesne assignments, to Sears, Roebuck and Co. Humidifier. 2,002,273; May 21.
- Parker, William W., Raleigh, N. C. Ice cream apparatus. 2,013,501; Sept. 3.
- Parkersburg, Rig & Reel Company, The. (See De La Mater, Robert G., assignor.)
- Parkersburg, Rig & Reel Company, The. (See De La Mater, R. G., and Schwemlein.)
- Parker-Smith, Augustus, New York, N. Y., assignor to Bendix Products Corporation, South Bend, Ind. Combined automatic and manually operable clutch actuating mechanism. 2,012,636; Aug. 27.
- Parkerson, W., New Orleans, La., assignor of one-half to E. C. Ricker, Dallas, Tex. Combination selector. 2,011,500; Aug. 13.
- Parkes, Alfred H., Brooklyn, N. Y. Undergarment. 1,993,566; Mar. 5.
- Parkes, Bertrand A., Philadelphia, Pa. Cloth drying and spreading machine. 1,997,696; Apr. 16.
- Parkes, Deric W., Edgbaston, Birmingham, and C. D. Mitchell, West Bromwich, England. Pickling restrainer and the manufacture thereof. 2,010,562; Aug. 6.
- Parkhill, Mortimer S., and C. W. Taylor, Corning, N. Y., assignors to Ingersoll-Rand Company, Jersey City, N. J. Water jacket construction for engines. 2,000,979; May 14.
- Parkhill Wade, Incorporated. (See Wade, Henry N., assignor.)
- Parkhurst, Frederic A., Bethesda, Md., assignor to The Fiberloid Corporation, Indian Orchard, Mass. Apparatus for forming sheet material. 1,993,349; Mar. 5.
- Parkhurst, Frederic A., Bethesda, Md., and G. J. Esselen, Swampscott, assignors to The Fiberloid Corporation, Indian Orchard, Mass. Manufacture of thin sheets of cellulose. 2,002,711; May 28.
- Parkhurst, George L., assignor to Standard Oil Company, Chicago, Ill. Manufacturing a flame resistant cleaning fluid. 2,017,568; Oct. 15.
- Parkin, Joseph W., Sr., Philadelphia, Pa. Spark plug. 1,987,024; Jan. 8.
- Parkin, Thomas D., Broomfield, near Chelmsford, England, assignor to Radio Corporation of America. Manufacture of high resistances. 1,987,969; Jan. 15.
- Parkin, Winfred T., Providence, assignor to T. W. Foster and Bro. Company, Providence, R. I. Duplex case. 2,019,235; Oct. 29.
- Parkinson, Joseph C., and R. E. Hamill, Tarentum, Pa., assignors to Pittsburgh Plate Glass Company. Glazing unit. 2,025,770; Dec. 31.
- Parkinson, Oscar E., and W. J. Mahoney, Owen, Wis. Drum. 2,022,820; Dec. 3.
- Parkinson, Roy W., assignor to E. F. McDonald, Buffalo, N. Y. Smoker's accessory. 2,004,537; June 11.
- Parks, Alfred M., Philadelphia, Pa. Coating and filming machine. 2,022,733; Dec. 3.
- Parks, Asbury S., Refugio, Tex. Gas lift for oil wells. 2,017,353; Oct. 15.
- Parks-Cramer Company. (See Hodge, W. B., and Lytton, assignors.)
- Parks-Cramer Company. (See Karlson, Alfred F., assignor.)
- Parks-Cramer Company, The. (See Karlson, A. F., and Francis, assignors.)
- Parks-Cramer Company. (See Lytton, C. L., Huffstickler, and Adams, assignors.)
- Parks, D. M., et al. (See Sparks, Charles R., assignor.)
- Parks, Edward F., Providence, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 2,022,572; Nov. 26.
- Parks, Frederick W., assignor to Bendix-Cowdrey Brake Tester, Inc., Fitchburg, Mass. Pedal depressor. 1,987,704; Jan. 15.
- Parks, Paul B. (See Russell, E. A., Parks, and Smith.)
- Parks, Paul B., Oak Park, assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Water level control. 1,995,895; Mar. 26.
- Parks, Paul B., Oak Park, W. M. Smith, and J. Van Vulpem, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Motor operated valve. 1,989,942; Feb. 5.
- Parks, Robert D., and G. W. Hildenbrand, Lohrville, Iowa, assignors to National Vending Company, Burnside, Pa. Vending machine. 2,002,753; May 28.
- Parks, Robert D., and G. Hildenbrand, Lohrville, Iowa, assignors, by mesne assignments, of four-fifths to J. P. and J. C. Kavanaugh, Waterbury, Nebr., and one-fifth to H. S. Snyder, Sioux City, Iowa. Folding carton. 2,011,232; Aug. 13.
- Parlante, Frank, Brooklyn, N. Y. Ornamental material and shoe made therefrom. 2,024,180; Dec. 17.
- Parlow, Ernest, New York, N. Y. Hat. 1,996,254; Apr. 2.
- Parmelee, Alfred E. (See Downing, F. B., Parmelee, Pedersen, and Stecher.)

- Parmelee, Earle L. (See Foster, W. D., and Parmelee.)
 Parmelee, Howard M. (See Daudt, H. W., and Parmelee.)
 Parmelee, Theron, New Haven, Conn. Water heater. 2,022,431; Nov. 26.
 Parodi, Dagnele, New York, N. Y. Vegetable slicer. 1,998,383; Apr. 16.
 Parr, Peter. (See Muschong, P. J., Parr, and Oberbeck.)
 Parr, Valla M., Chicago, Ill. Waving comb. 1,991,291; Feb. 12.
 Parr, Valla M., Chicago, Ill. Waving comb. 1,993,308; Mar. 5.
 Parr, Webster A., Alameda, Calif. Cooking and molding device. 1,989,287; Jan. 29.
 Parrish, James I., Indianapolis, Ind. Reversible bed spring and mattress support. 2,018,529; Oct. 22.
 Parrish, Luther R., assignor to The Sling Corporation, Ocala, Fla. Toy catapult. 2,026,188; Dec. 31.
 Parrott, Harry B. (See Madsen, M., Ziegler, Richardson, and Parrott.)
 Parrott, Robert P., Washington, D. C., assignor to General Electric Company. Airport illumination. 1,997,470; Apr. 9.
 Parrott, Warley L., East Orange, N. J., assignor to Westinghouse Lamp Company. Manufacturing electron discharge devices. 1,989,819; Feb. 5.
 Parrott, Warley L., East Orange, N. J., assignor to Westinghouse Lamp Company. Electron discharge device. 2,006,560; July 2.
 Parsell, Richard K. (See Miller, Carl G., assignor.)
 Parsley, Vivian S., St. Petersburg, Fla. Waste pipe or drain cleaner. 2,011,525; Aug. 13.
 Parson Marine Steam Turbine Company Limited, The. (See Cook, Stanley S., assignor.)
 Parsons Ammonia Company. (See Philbrick, Joseph, assignor.)
 Parsons, Ben G., Detroit, Mich., assignor to United American Bosch Corporation, Springfield, Mass. Fuel feeding apparatus. 1,990,563; Feb. 12.
 Parsons, C. A. & Company, Limited. (See Bedford, F. G. H., and Gibb, assignors.)
 Parsons, Carl B., Detroit, Mich. Kitchen cabinet. 2,000,981; May 14.
 Parsons, Clinton H., assignor to Swift & Company, Chicago, Ill. Preparing a meat cheese loaf. 1,993,621; Mar. 5.
 Parsons, Clinton H., assignor to Swift & Company, Chicago, Ill. Low temperature emulsification of cheese. 2,009,238; July 23.
 Parsons, Daniel E., Knoxville, Tenn. Automobile server. 2,016,097; Oct. 1.
 Parsons, Edwin R., Wheaton, Ill. Toggle bolt and sleeve. 2,024,871; Dec. 17.
 Parsons, Fred A., et al. (See Kearney, E. J., Parsons, and Armitage.)
 Parsons, Fred A., Milwaukee, Wis. Mixing valve. 1,989,335; Jan. 29.
 Parsons, Fred A., Milwaukee, Wis. Operation of thermionic tubes. 2,005,237; June 18.
 Parsons, Fred A., Milwaukee, Wis. Control device. 2,008,769; July 23.
 Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Transmission and control mechanism for machine tools. 1,987,909; Jan. 15.
 Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission and control. 1,994,253; Mar. 12.
 Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Milling machine transmission and control. 2,012,672; Aug. 27.
 Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Transmission and control mechanism. 2,012,690; Aug. 27.
 Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool. 2,016,555; Oct. 8.
 Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Transmission and control mechanism. 2,020,852; Nov. 12.
 Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission and control. 2,026,247; Dec. 31.
 Parsons, George K., assignor to Unitor Corporation, Detroit, Mich. Folding standard. 2,005,002; June 18.
 Parsons, Harry N., Chicago, Ill., assignor to International Harvester Company. Ball bearing retainer. 1,999,055; Apr. 23.
 Parsons, John L., Pittsburg, Kans. Bottle cleaning device. 2,018,086; Oct. 22.
 Parsons, John S., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. System of A. C. distribution. 1,997,597; Apr. 16.
 Parsons, John S., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic network protector. 1,997,697; Apr. 16.
 Parsons, John S., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Induction relay. 2,013,836; Sept. 10.
 Parsons, John S., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Network system for distribution. 2,018,225; Oct. 22.
 Parsons, John S., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. System of distribution. 2,023,096; Dec. 3.
 Parsons, John S., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Network system of distribution. 2,023,097; Dec. 3.
 Parsons, John S., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Underground transformer unit. 2,024,742; Dec. 17.
 Parsons, John S., Swissvale, and R. E. Powers, Verona, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Simplified network protector. 2,018,226; Oct. 22.
 Parsons, Joseph R., assignor to United States Gypsum Company, Chicago, Ill. Producing cellular ceramic products. 1,998,686; Apr. 23.
 Parsons, Joseph R., assignor to United States Gypsum Company, Chicago, Ill. Acoustic corrective material. 1,999,371; Apr. 30.
 Parsons, Philip D., Swarthmore, assignor to Scott Paper Company, Chester, Pa. Roll labeling machine. 2,005,846; June 25.
 Parsons, Philip D., Swarthmore, Pa., assignor to Scott Paper Company. Machine for compressing and loading articles of flat form. 2,006,511; July 2.
 Parsons, Raymond V. (See Beckwith, C. J., and Parsons.)
 Parsons, Raymond V., New York, assignor to Johns-Manville Corporation, New York, N. Y. Wall structure. 2,010,412; Aug. 6.
 Parsons, Robert J., Schenectady, assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Electric car heater. 1,993,521; Mar. 5.
 Parsons, Robert J., Schenectady, N. Y., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Thermostat-controlled circuits. 1,993,522; Mar. 5.
 Parsons, Robert J., Schenectady, assignor to Consolidated Car Heating Company, Inc., Albany, N. Y. Soil sterilizer. 1,996,708; Apr. 2.
 Parsons, Robert J., Schenectady, assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Heating and ventilating system. 1,996,972; Apr. 9.
 Parsons, Robert J., Schenectady, and E. J. Heyman, Hampton Manor, assignors to Consolidated Car-Heating Company, Inc., Albany, N. Y. Thermostat circuit. 1,986,445; Jan. 1.
 Parsons, Robert J., Schenectady, and E. J. Heyman, Hampton Manor, N. Y., assignors to Consolidated Car-Heating Company, Inc., Albany, N. Y. Thermostatic circuits. 2,020,474; Nov. 12.
 Parsons, Wallace E. (See Bisbee, S., Parsons, and Sheffield.)
 Particelli, Augusto, Crumpler, W. Va. Cut-out switch. 2,020,202; Nov. 5.
 Partlow Corporation, The. (See Partlow, Howard W., assignor.)
 Partlow, Howard W., Utica, assignor to The Partlow Corporation, New Hartford, N. Y. Thermal electric control. 2,020,735; Nov. 12.
 Partridge, Edward G., Stow, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Artificial rubber dispersion and preparing the same. 2,006,841; July 2.
 Partridge, John H. (See Adams, G. F., Douglas, and Partridge.)
 Partridge, William T., Washington, D. C. Lamp shade. 1,998,769; Apr. 23.
 Partz, Victor A., Chicago, Ill., assignor to Hamilton Beach Manufacturing Company, Racine, Wis. Electric drink mixer. 2,008,223; July 16.
 Parusel, Joseph, Gleiwitz, Germany. Mine walling. 2,019,629; Nov. 5.
 Parva Products Company. (See Erb, Louis H., assignor.)
 Parva Products Company. (See Griffin, William M., assignor.)
 Parva Products Company. (See Troendly, H. P., and White, assignors.)
 Parva Products Company. (See White, Paul W., assignor.)
 Parvin, Edward G. (See Fantone, C. B., and Parvin.)
 Parvin, Edward G., Roselle, N. J., assignor to National Pneumatic Company, New York, N. Y. Hold-in electromagnet valve. 1,995,718; Mar. 26.
 Parvin, Robert C., Bradenton, Fla. Fangproof legging. 2,014,208; Sept. 10.
 Parzer, Charles, New York, N. Y. Furrier's knife. 2,025,305; Dec. 24.
 Pasadena Slipper Co., The. (See Joyce, William H., Jr., assignor.)
 Pascal, Joseph I., New York, N. Y. Diagnostic instrument for eye examinations. 2,008,224; July 16.
 Paschali, Charles E., Chicago, Ill. Tuning device for radioreceivers. 2,023,853; Dec. 10.
 Paschke, Herbert, and C. C. Vogt, assignors to Armstrong Cork Company, Lancaster, Pa. Cork composition and making same. 2,013,698; Sept. 10.
 Paschos, Antonios D., Detroit, Mich. Twin salt and pepper shaker. 1,986,011; Jan. 1.
 Pasciutti, Louis, Astoria, and M. Sussi, New York, N. Y. Program selector for radio sets. 2,024,833; Dec. 17.
 Pasco, Merl F., Sioux Falls, S. Dak. Engine temperature control apparatus. 2,021,569; Nov. 19.
 Pascoe, Frederick J., London, England, assignor to The Timken Roller Bearing Company, Canton, Ohio. Axle box. 2,017,731; Oct. 15.
 Pascoe, William H., receiver. (See Tatter, John W., assignor.)

- Pascolini, Hans, Chicago, Ill. Fluid pressure motor. 1,989,212; Jan. 29.
- Pash, Robert, Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Winding machine. 1,994,661; Mar. 19.
- Pashinsky, Louis W., Clifton, N. J. Brush holder. 1,990,307; Feb. 5.
- Pashley, William H., and L. W. Oliver, New York, N. Y. Container. 2,015,283; Sept. 24.
- Pasin, Antonio, assignor to Radio Steel & Mfg. Co., Chicago, Ill. Coaster wagon. 2,015,726; Oct. 1.
- Pasinski, Walter J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Automatic calculator. 2,017,104; Oct. 15.
- Pasinski, Walter J., Howell, assignor to Burroughs Adding Machine Company, Detroit, Mich. Power operated typewriter. 2,018,317; Oct. 22.
- Pasinski, Walter J., Howell, assignor to Burroughs Adding Machine Company, Detroit, Mich. Latch. 2,022,385; Nov. 26.
- Pasman, Abram N., Bridgeport, Conn. Pop-up type of bath waste and overflow construction. 1,998,145; Apr. 16.
- Pass & Seymour, Inc. (See Brooks, J. W., and Russell, assignors.)
- Pass & Seymour, Inc. (See Despart, Victor R., assignor.)
- Pass & Seymour, Inc. (See Gaynor, Arthur C., assignor.)
- Pass & Seymour, Inc. (See Russell, Mark N., assignor.)
- Passafiume, Giovanni, Portland, Oreg. Shoe sole trimming machine. 2,025,217; Dec. 24.
- Passino, Amos J., North Bergen, N. J. Interlocking fire brick for furnaces. 1,988,856; Jan. 22.
- Pasterneck, Richard, and R. W. Burnham, assignors to Charles Pfizer & Company, Brooklyn, N. Y. Processing cheese. 2,011,074; Aug. 13.
- Pasture Research Corporation. (See Wood, Glenn D., assignor.)
- Patch, Harry M., Seattle, Wash., assignor, by mesne assignments, to Wingfoot Corporation, Wilmington, Del. Resilient wheel. 2,014,360; Sept. 10.
- Patche, Clinton J., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Coin chute. 2,014,505; Sept. 17.
- Patche, Clinton J., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Coin collection apparatus. 2,014,506; Sept. 17.
- Patchogue-Plymouth Mills Corporation. (See Geller, Hugo, assignor.)
- Patco, Inc. (See de Ybarrodo, Vincent C., assignor.)
- Patco, Inc. (See Harris, Ford W., assignor.)
- Pate, Antonio, North Providence, R. I. Self winding spring motor. 2,000,145; May 7.
- Patek, John M., Milwaukee, Wis. Froth flotation process for oxide ores. 2,000,350; May 7.
- Patent Button Company, The. (See White, Franklin R., assignor.)
- Patent Clasp Corporation. (See Stark, Ludwig, assignor.)
- Patent Engineering Corporation. (See Capicotto, James V., assignor.)
- Patent Engineering Corporation. (See Rockwell, Edward A., assignor.)
- Patent Engineering Corporation. (See Shivley, John J., assignor.)
- Patent Engineering Corporation. (See Van Deventer, Harry R., assignor.)
- Patent Holdings Proprietary Limited. (See Powell, R. A., and Newton, assignors.)
- Patent License Corporation. (See Arenberg, Albert L., assignor.)
- Patent and Licensing Corporation, The. (See Anderson, Alfred, assignor.)
- Patent and Licensing Corporation, The. (See Cowan, Clarence P., assignor.)
- Patent and Licensing Corporation, The. (See Douthett, Orin R., assignor.)
- Patent and Licensing Corporation, The. (See Ford, William W., assignor.)
- Patent and Licensing Corporation, The. (See Gore, James L., assignor.)
- Patent and Licensing Corporation, The. (See Heppes, George P., assignor.)
- Patent and Licensing Corporation, The. (See Kirschbraun, Lester, assignor.)
- Patent and Licensing Corporation, The. (See Kirschbraun, L., and Heppes, assignors.)
- Patent and Licensing Corporation, The. (See Levin, Harold L., assignor.)
- Patent and Licensing Corporation, The. (See Plunkett, John H., assignor.)
- Patent and Licensing Corporation, The. (See Roberts, B. H., and Chamberlain, assignors.)
- Patent and Licensing Corporation, The. (See Roediger, Joseph C., assignor.)
- Patent and Licensing Corporation. (See Searls, Melvin W., assignor.)
- Patent and Licensing Corporation, The. (See Stewart, Burns A., assignor.)
- Patent and Licensing Corporation, The. (See Vann Heurn, Frans C., assignor.)
- Patent and Licensing Corporation, The. (See Wettlaufer, Jules L., assignor.)
- Patent-Treuhand-Gesellschaft für Elektrische Gluehlampen m. b. H. (See Meyer, Wilfred, assignor.)
- Patentaktiebolaget Gröndal-Ramen. (See Haglund, Gustaf, assignor.)
- Paternayan, Harry M., New York, N. Y. Carpet and rug stretcher. 1,989,020; Jan. 22.
- Paterson, Alexander B., Buffalo, N. Y. Rolling sheet metal packs. 1,994,662; Mar. 19.
- Paterson, Alexander B., Peckham, London, England. Slicing machine. 2,024,872; Dec. 17.
- Paterson, James, and J. H. Paterson, Brighton, assignors to J. P. Self Change Gear Company Limited, London, England. Change speed gear. 1,993,454; Mar. 5.
- Paterson, John H. (See Roberts, A. T., and Paterson.)
- Paterson, Joseph H. (See Paterson, James, and J. H.)
- Paterson Parchment Paper Company. (See Strawn, Ervin E., assignor.)
- Paterson, Seward M. (See Haskell, H. M., and Paterson.)
- Paterson, Thomas R., West Kilbride, Scotland, assignor to Imperial Chemical Industries Limited. Producing penterythrite. 2,011,589; Aug. 20.
- Paterson, Thomas W., Allerton, Liverpool, England. Hydraulic torque transmitting apparatus. 1,995,646; Mar. 26.
- Pathescope Limited. (See Newman, Arthur S., assignor.)
- Patin, Albert. (See Barsties, Wilhelm, assignor.)
- Patmore, L. Graham. (See Ornstein, Soli, assignor.)
- Patnoe, Walter W., Shaker Heights, assignor to Non-Metallic Minerals, Incorporated, Cleveland, Ohio. Classifier. 2,009,055; July 23.
- Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,018,502; Oct. 22.
- Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,018,870; Oct. 29.
- Paton, Roy W., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston skirt expander. 2,023,613; Dec. 10.
- Patriarche, Valance H., Winnipeg, Manitoba, Canada. Variable diameter propeller. 2,002,712; May 28.
- Patrick, James H., Cornwall, N. Y. Rug. 2,020,699; Nov. 12.
- Patrick, Joseph C., Kansas City, Mo. Olefine-polysulphide plastic. 1,990,202; Feb. 5.
- Patrick, Joseph C., Trenton, N. J. Olefine-polysulphide plastic. 1,990,203; Feb. 5.
- Patrick, Joseph C., Trenton, N. J. Plastic, elastic, flexible substances and making them. 1,996,487; Apr. 2.
- Patrick, Joseph C., Kansas City, Mo. Olefine polysulphide plastic and the manufacture thereof. 2,012,347; Aug. 27.
- Patrick, Joseph C., Kansas City, Mo. Sealing device for storage tanks. 2,014,264; Sept. 10.
- Patrick, Joseph C., assignor of one-half to N. M. Mnookin, Kansas City, Mo. Making plastic substances and product obtained thereby. 1,996,486; Apr. 2.
- Patscheider, Walter A. (See Erickson, C. L., Lambert, and Patscheider.)
- Pattee, John R., Long Island City, N. Y. Capsule filling device. 2,010,699; Aug. 6.
- Patten, Charles H., assignor to Traylor Engineering & Manufacturing Company, Allentown, Pa. Shaft suspension. 2,018,467; Oct. 22.
- Patten, E. L. et al. (See Fairchild, Donald H., assignor.)
- Patten Paper Company. (See Baker, Horace C., assignor.)
- Patterson, Charles L. (See Warnke, Louis, assignor.)
- Patterson, Charley T., Springfield, Mo. Chick box. 1,993,112; Mar. 5.
- Patterson, David H., Jr., San Francisco, Calif. Method and apparatus for making insulating board. 2,011,183; Aug. 13.
- Patterson, David H., Jr., assignor to Fibreboard Products Inc., San Francisco Calif. Carton. 2,001,850; May 21.
- Patterson, Edward W., Long Beach, assignor of one-half to C. M. O'Leary, Jr., and one-half to C. M. O'Leary, Los Angeles, Calif. Pump actuating mechanism. 1,986,012; Jan. 1.
- Patterson, Everett M., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for cleaning phonograph records. 1,992,234; Feb. 26.
- Patterson, Franklin G., Schenectady, N. Y., assignor to General Electric Company. Radio echo altimeter. 2,022,517; Nov. 26.
- Patterson, Glenn A. (See Olson, C. A., and Patterson.)
- Patterson, Gordon D. (See Heckert, W. W., and Patterson.)
- Patterson, Harold H. (See Johnson, F. W., and Patterson.)
- Patterson, Harry R., assignor to The Electric-Auto-Lite Company, Toledo, Ohio. Brush mounting for dynamo-electric machines. 2,008,466; July 16.
- Patterson, Henry R., Pittsburgh, Pa., assignor to The American Steel and Wire Company of New Jersey. Device for drawing wire. 1,986,777; Jan. 1.
- Patterson, James. (See Nemece, F. L., and Patterson.)
- Patterson, James M., Dallas, Tex. Wheel-mounting tool. 1,999,206; Apr. 30.
- Patterson, James M., San Antonio, Tex. Lifting jack. 2,001,744; May 21.
- Patterson, James M., Waban, assignor to Boston Woven Hose and Rubber Company, Cambridge, Mass. Fluid-tight packing joint. 2,021,868; Nov. 19.
- Patterson, John A., Jr. (See Magee, N. H., and Patterson, Jr.)

- Patterson, John S., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Neckband and collar finishing press. 2,000,093; May 7.
- Patterson, Joseph W., assignor to J. A. Vaughan Mfg. Company, Tulsa, Okla. Sprayer. 2,018,227; Oct. 22.
- Patterson, Luther M., New Philadelphia, Ohio. Casting method and apparatus. 2,004,340; June 11.
- Patterson, Robert N., assignor to A. E. Wollitz, Oakland, Calif. Starter control for internal combustion engines. 1,988,958; Jan. 22.
- Patterson, Thomas M., Lakewood, Ohio. Lawn mower sharpener. 1,999,847; Apr. 30.
- Patterson, William G., London, and D. P. Long, Chislehurst, assignors to Siemens Brothers & Company Limited, London, England. Selecting switch for use in telephone systems. 2,013,169; Sept. 3.
- Patterson, William M., Fairland, Ind., assignor to Westinghouse Electric & Manufacturing Company. Sound recording system. 1,994,920; Mar. 19.
- Pattinson, Thomas E. (See Lougee, F. G. and Pattinson.)
- Pattison, John W., assignor of one-half to I. J. Rider, Absecon, N. J. Game mechanism. 1,988,251; Jan. 15.
- Patton, Alexander M., Belfast, Northern Ireland. Stretcher carrying vehicle. 1,999,056; Apr. 23.
- Patton Clay Manufacturing Co. (See Moren, John H., assignor.)
- Patton, Louis J., and H. J. Terrill, Benton Harbor, Mich. Wheel holder. 2,005,003; June 18.
- Patzig, Alfred, Russelsheim-on-the-Main, Germany, assignor to General Motors Corporation, Detroit, Mich. Torsional spring system for vehicles. 2,016,753; Oct. 8.
- Patzke, Max. (See Ferle, A., and Patzke.)
- Pauchek Jacob, New York, N. Y. Stereoscope. 2,018,739; Oct. 29.
- Paugh, James J., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Welding. 2,001,688; May 14.
- Paul, Abram F., Llanerch, Pa., assignor to National Pneumatic Company, New York, N. Y. Bottom door catch. 1,988,137; Jan. 15.
- Paul, Clifford B., Moline, Ill. Portable camera support. 1,993,485; Mar. 5.
- Paul, Lawrence A., Chicago, Ill. Ink container. 2,020,203; Nov. 5.
- Paul, M. J., et al. (See Hess, Edward C., assignor.)
- Paul, Peter, Incorporated. (See Kazanjian, John G., assignor.)
- Paul, Richard C., Los Angeles, Calif. Stocking foot. 1,991,624; Feb. 19.
- Paul, Sydney, assignor to Superior Body Company, Lima, Ohio. Vehicle loading device. 2,000,351; May 7.
- Paul, Talbert W., Kansas City, Kans., assignor to Deere & Company, Moline, Ill. Hitch connection. 2,004,213; June 11.
- Paul, Talbert W., Kansas City, Kans., assignor to Deere & Company, Moline, Ill. Tractor propelled implement. 2,004,729; June 11.
- Paulding, Herbert L. (See Ackell, J. J., and Paulding.)
- Paulding, John L., Inc. (See Johnson, Arthur A., assignor.)
- Paulding, John L., Inc. (See Johnson, Frank E., assignor.)
- Paulding, John L., Inc. (See Wack, Henry K., assignor.)
- Paulero, Alfonso M. (See Paulero, Louis and A. M.)
- Paulero, Louis and A. M., Baltimore, Md. Electric turntable. 2,017,420; Oct. 15.
- Paulin, Georges A., Malakoff, France. Vehicle body top capable of being stowed away. 2,007,873; July 9.
- Paulin, George H., and F. H. Horner, Rugby, assignors to The English Electric Company, Limited, London, England. Speed control of internal combustion engines. 1,986,846; Jan. 8.
- Paulin, Josua G., Eskilstuna, Sweden. Measuring instrument having automatic zeroizing mechanism. 2,011,774; Aug. 20.
- Paulin, Wayne. (See Rieger, E. M., Paulin, and Zurn.)
- Paul, Harry W., Wellsburg, assignor to Eagle Manufacturing Company, Wellsburg, W. Va. Electric lamp bracket. 2,023,541; Dec. 10.
- Paul, Samuel O. (See Ice, James N., assignor.)
- Paul, Samuel O., assignor to Eagle Manufacturing Company, Wellsburg, W. Va. Removable cap for cans or the like. 2,003,460; June 4.
- Paul, Samuel O., assignor to Eagle Manufacturing Company, Wellsburg, W. Va. Oil can. 2,019,579; Nov. 5.
- Paulsen, Christian, Clifton, N. J., assignor to Boorum & Pease Company, Brooklyn, N. Y. Sheet making machine. 2,013,579; Sept. 3.
- Paulson, Hjalmar. (See Sharpe, R. J. and Pekonen, assignors.)
- Paulson, Peter A., Appleton, Wis. Reclaiming by-products. 2,025,891; Dec. 31.
- Paulus, Charles L., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,010,927; Aug. 13.
- Paulus, Max G. (See Brewster, O. C., Paulus, and Thompson.)
- Paulus, Max G., assignor to Standard Oil Company, Chicago, Ill. Solvent recovery in oil refining. 1,994,727; Mar. 19.
- Paulus, Nikolaus, Brooklyn, N. Y. Adjustable window seat. 2,001,796; May 21.
- Paume, Paul, Lyon, France. Machine for testing threads. 2,018,971; Oct. 29.
- Pautou, Paul, Colombes, France. Storage battery. 1,997,391; Apr. 9.
- Pautou, Paul, Colombes, France. Storage battery. 1,998,788; Apr. 23.
- Pavelka, Frank E., San Antonio, Tex. Sick room light. 2,023,819; Dec. 10.
- Pavelka, Joseph. (See Reinhardt, Eugene F., assignor.)
- Pavelka, Joseph, et al. (See Voelkel, Elmer G., assignor.)
- Pavelsky, Thomas R., Rochester, N. Y. Device for heating hose couplings. 2,013,315; Sept. 3.
- Pavey, Frederick W. (See Jackes, S. F., and Pavey.)
- Pavia, Luigi, Allentown, Pa. Shuttle quill or cop holder. 2,007,097; July 2.
- Pavia, Luigi, Allentown, Pa. Shuttle. 2,020,204; Nov. 5.
- Pavlack, Joe, Jr., Clairton, Pa. Single rear wheel action. 2,012,202; Aug. 20.
- Pavlecka, Jan, Detroit, Mich. Internal combustion engine. 1,999,374; Mar. 30.
- Pavlecka, John, Detroit, Mich. Supercharging of power plant. 2,022,900; Dec. 3.
- Pavlovic, Frank, and J. G. Sintic, Cleveland, Ohio. Storage battery terminal connector. 2,003,053; May 23.
- Pavone, Frederick A., Brooklyn, N. Y. Elevator control device. 2,017,547; Oct. 15.
- Pawsat, Ewald F., Maysville, Ky. Milk bottle crate. 1,991,770; Feb. 19.
- Pawsat, Ewald F., Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated. Bicycle mud guard brace. 2,018,530; Oct. 22.
- Pawsat, Ewald F., Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated. Stand for bicycles. 2,018,531; Oct. 22.
- Pawsat, Ewald F., Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated. Bicycle stand. 2,020,904; Nov. 12.
- Pawsat, Ewald F., Maysville, assignor to Wald Manufacturing Company, Incorporated. Closure fastener. 2,021,805; Nov. 19.
- Pawsat, Ewald F., Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated. Closure fastener. 2,021,806; Nov. 19.
- Paxman, Edward P., Colchester, England. Rotational reversal of Diesel and the like engines. 2,013,580; Sept. 3.
- Paxton Credit Corporation. (See Keech, Dana E., assignor.)
- Paxton Credit Corporation. (See Paxton, Gerald C., assignor.)
- Paxton Credit Corporation. (See Paxton, Hale, assignor.)
- Paxton, Elisha W., and A. W. Schmid, Washington, Pa., assignors to Amco, Incorporated, Pittsburgh, Pa. Continuous glass melting tank. 2,016,945; Oct. 8.
- Paxton, Gerald C., Santa Ana, assignor to Paxton Credit Corporation, Santa Ana, Calif. Sizer. 1,999,374; Apr. 30.
- Paxton, Hale, Redlands, assignor to Paxton Credit Corporation, Sanger, Calif. Box lidding machine. 1,988,507; Jan. 22.
- Paxton, Hale, Redlands, assignor to Paxton Credit Corporation, Sanger, Calif. Lidding machine. 2,003,304; June 4.
- Paxton, Hale, Redlands, assignor to Paxton Credit Corporation, Sanger, Calif. Automatic box moving means for lidding machines. 2,008,592; July 16.
- Paxton, Hale, Santa Ana, Calif., assignor to Acme Steel Company, Chicago, Ill. Strap for overfilled boxes. 2,016,213; Oct. 1.
- Paxton, Hale, Redlands, assignor to Paxton Credit Corporation, Sanger, Calif. Tucker. 2,017,986; Oct. 22.
- Paxton, Hale, Redlands, assignor to Paxton Credit Corporation, Sanger, Calif. Automatic fruit tucker. 2,017,987; Oct. 22.
- Paxton, Robert. (See Reed, G. M., and Paxton.)
- Paxton William N., Minneapolis, Minn. Automatic weighing machine—discharge regulating type. 1,992,716; Feb. 26.
- Payet, Jerome, Rutherford, N. J. Apparatus for treating textile fabrics. 2,006,814; July 2.
- Payne, Arthur W., Chicago, and A. J. Matter, Park Ridge, Ill. Game counter. 2,008,153; July 16.
- Payne, Burt H., Westfield, assignor to Stulz-Sickles Company, Newark, N. J. Making blanks. 2,021,945; Nov. 26.
- Payne, Claron R. and D. R. Stevens, assignors to Gulf Refining Company, Pittsburgh, Pa. Refining gasoline produced by cracking. 2,002,250; May 21.
- Payne, Elmer H., Wood River, assignor to Standard Oil Company (Indiana), Chicago, Ill. Cleaning filter screens. 2,004,796; June 11.
- Payne, El Roy L., Beverly Hills, and M. G. Lacy, Pasadena, assignors to Payne Furnace & Supply Company, Inc., Beverly Hills, Calif. Valve. 1,986,158; Jan. 1.
- Payne, Francis J. (See Madge, E. W., and Payne.)
- Payne, Frank E. (See Gerrard, S., and Payne.)
- Payne, Fred W., et al. (See Connor, George S., assignor.)
- Payne Furnace & Supply Company. (See Payne, E. L., and Lacy, assignors.)
- Payne, John H., Ballston Spa, N. Y., assignor to General Electric Company. Control system. 2,001,543; May 14.
- Payne, John H., Ballston Spa, N. Y., assignor to General Electric Company. Electric heater. 2,022,518; Nov. 26.
- Payne, John H., Ballston Spa, N. Y., assignor to General Electric Company. Making electric heating pads. 2,022,519; Nov. 26.
- Payne, Oscar V., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Yarn winding mechanism. 1,996,305; Apr. 2.

- Payne, Oscar V., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Feeler tip for weft replenishing looms. 1,999,516; Apr. 30.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft detecting mechanism for drop box looms. 2,004,341; June 11.
- Payne, Oscar V., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft detecting mechanism for drop box looms. 2,004,342; June 11.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom let-off mechanism. 2,007,023; July 2.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tip for weft detectors. 2,007,835; July 9.
- Payne, Oscar V., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Lay motion for looms. 2,009,148; July 23.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle box construction for looms. 2,012,050; Aug. 20.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle placing mechanism. 2,012,051; Aug. 20.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Protector mechanism and shuttle control. 2,012,052; Aug. 20.
- Payne, Oscar V., Leicester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Picking motion for looms. 2,012,053; Aug. 20.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread clamp for warp beams. 2,025,890; Dec. 31.
- Payne, Ralph B., Elma, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Oil-soluble azo dye. 1,986,116; Jan. 1.
- Payne, Ralph W., Washington, D. C., assignor to The Rail Joint Company, New York, N. Y. Insulated rail joint. 2,016,214; Oct. 1.
- Payne, Reginald W., and R. P. Roberts, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of artificial threads or filaments. 1,996,120; Apr. 2.
- Payne, Samuel T., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company Inc. Retractable landing gear. 2,021,326; Nov. 19.
- Payne, Samuel T., Kenmore, and F. R. Weymouth, Buffalo, N. Y., assignors to Curtiss Aeroplane & Motor Company, Inc. Retractable landing gear. 2,014,777; Sept. 17.
- Payne, Walter B., assignor to The Todd Company, Inc., Rochester, N. Y. Printing apparatus. 2,022,136; Nov. 26.
- Paynter, Horace J., Maplewood, and A. E. Bumpus, Union, N. J., assignors to American Can Company, New York, N. Y. Printing machine for tubular bodies. 2,015,086; Sept. 24.
- Payson, Arthur H. (See Duevel, C. O., and Payson.)
- Payson, Arthur H., assignor to The American Thermos Bottle Company, Norwich, Conn. Double-walled vacuum container. 2,001,154; May 14.
- Payson, Peter, assignor to Crucible Steel Company of America, New York, N. Y. Alloy steel and making same. 2,009,974; July 30.
- Payson, Rudolph, Flushing, N. Y. Lowering device. 1,993,074; Mar. 5.
- Payson, Rudolph, Flushing, N. Y. Hoist. 2,006,476; July 2.
- Payson, Rudolph, Flushing, N. Y. Hoist. 2,018,568; Oct. 22.
- Payzer, Stanley D., E. A. Preston and C. E. Staky, assignors to D. J. Murray Manufacturing Co., Wausau, Wis. Apparatus for manufacturing radiators. 1,995,008; Mar. 19.
- Peabody Engineering Corporation. (See Hamon, Robert R., assignor.)
- Peabody Engineering Corporation. (See Peabody, Ernest H., assignor.)
- Peabody, Ernest H., assignor to Peabody Engineering Corporation, New York, N. Y. Atomizer. 2,012,139; Aug. 20.
- Peabody, George A., Milwaukee, Wis. Photographic exposure meter. 1,996,828; Apr. 9.
- Peach, Kenneth, et al. (See Tolhurst, Louis H., assignor.)
- Peacock Laboratories, Inc. (See Peacock, William, Jr., assignor.)
- Peacock, William, Jr., assignor to Peacock Laboratories, Inc., Philadelphia, Pa. Galena blue mirror and producing galena blue film. 1,988,663; Jan. 22.
- Peacor, Emerson A. (See Schofield, F. H., and Peacor.)
- Peake, Edward S., Columbus, assignor to The Kilgore Manufacturing Company, Westerville, Ohio. Method and apparatus for the manufacture of ammunition. 1,989,495; Jan. 29.
- Peake, Edward S., assignor to The Kilgore Mfg. Company, Westerville, Ohio. Gas cannon and operating same. 1,998,023; Apr. 16.
- Peake, Edward S., assignor to The Kilgore Manufacturing Company, Westerville, Ohio. Gas cannon. 2,000,607; May 7.
- Peaker, Charles R., Passaic, N. J., and E. Hazell, New York, N. Y., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Process and apparatus for manufacturing rubber articles. 2,010,104; Aug. 6.
- Peale-Davis Company. (See Davis, Kenneth, assignor.)
- Peale-Davis Company. (See Fletcher, James H., assignor.)
- Peale-Davis Company. (See Peale, Rembrandt, Jr., assignor.)
- Peale, Rembrandt, Jr., St. Benedict, Pa., assignor, by mesne assignments, to Peale-Davis Company, Wilmington, Del. Process and mechanism for separating intermixed divided materials. 2,001,331; May 14.
- Peale, Rembrandt, Jr., Clearfield, Pa., assignor, by mesne assignments, to Peale-Davis Company, Wilmington, Del. Process and mechanism for separating intermixed divided materials. 2,007,098; July 2.
- Pealer, Robert B., assignor to The Borden Company, Warren, Ohio. Die stock. 1,999,207; Apr. 30.
- Pearce, Charles F., Jr. (See Perlesz, H., and Pearce, Jr.)
- Pearce, Edwin S., Indianapolis Ind. Journal bearing lubrication. 2,024,536; Dec. 17.
- Pearce, George C., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigeration. 2,018,896; Oct. 29.
- Pearce, George C., Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,021,087; Nov. 12.
- Pearce, George C., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Relay. 2,021,199; Nov. 19.
- Pearce, George C., and D. F. Alexander, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,009,410; July 30.
- Pearce, John A. (See Irvin, T., and Pearce.)
- Pearce, Louis M., assignor to Texas Iron Works Sales Corporation, Houston, Tex. Setting tool. 1,992,236; Feb. 26.
- Pearce, W. L. (See Church, Walter L., assignor.)
- Pearce, William L., Houston, Tex. Drill. 2,011,158; Aug. 13.
- Pearce, William L., Houston, Tex. Drill. 2,014,909; Sept. 17.
- Pearce, William L., Houston, Tex. Drill. 2,022,734; Dec. 3.
- Pearce, William L., Houston, Tex. Drill. 2,022,735; Dec. 3.
- Pearis, Charles. (See Allen, Dennis J., assignor.)
- Pearl, Irving, Brooklyn, N. Y. Wear guard for trousers. 1,992,235; Feb. 26.
- Pearlman, Julius. (See Kindelmann, A., and Pearlman.)
- Pearmain, William J., assignor to Twin Disc Clutch Company, Racine, Wis. Clutch. 1,988,748; Jan. 22.
- Pearmain, William J., Racine, assignor to Twin Disc Clutch Company, Racine, Wis. Clutch. 2,001,395; May 14.
- Pears, Albert C., Cardiff, Wales. Fluid pressure engine and pump having cylinders disposed parallel to a central shaft. 1,988,252; Jan. 15.
- Pearsall, George M., Pawtucket, R. I. Producing fullness in yarns. 2,025,175; Dec. 24.
- Pearse, Thomas C., and T. H. Bonser, assignors of one-third to C. M. Kelso, Dayton, Ohio. Independent wheel suspension for vehicles. 2,026,057; Dec. 31.
- Pearson, Andrew, Evanston, Ill. Automatic socket wrench. 1,997,948; Apr. 16.
- Pearson, Arthur L., High Point, assignor of one-third to Globe Parlor Furniture Company, and one-third to C. R. Barrier, High Point, N. C. Sanding wheel. 1,988,361; Jan. 15.
- Pearson, Axel C., Duluth, Minn. Tablet dispensing device. 1,992,579; Feb. 26.
- Pearson, Carl, Pawtucket, R. I., assignor to J. & L. Tool Company, Attleboro, Mass. Finding for a clasp. 2,001,213; May 14.
- Pearson, Carl A., Denver, Colo. Gas heater valve. 2,011,824; Aug. 20.
- Pearson, Carl A., Denver, Colo. Gas heater valve. 2,016,577; Oct. 8.
- Pearson, Charles, Waverly, Fla., assignor to International Harvester Company. Tilting mechanism for mowers. 2,002,275; May 21.
- Pearson, Charles L., Rochester, assignor to Master Metal Products, Inc., Buffalo, N. Y. Utility chest. 1,987,448; Jan. 8.
- Pearson, Charles L., assignor to Master Metal Products, Inc., Buffalo, N. Y. Camp stove and the like. 2,003,974; June 4.
- Pearson, Charles M. (See Fourness, C. A., and Pearson.)
- Pearson, Charles M. (See Kellett, W. R., and Pearson.)
- Pearson, Daniel F. (See Moore, H. J., and Pearson.)
- Pearson, Erick, Chicago, Ill. System for automatically matching frequencies. 2,020,326; Nov. 12.
- Pearson, Frederick A. (See Littlehale, Philip E., assignor.)
- Pearson, Gardner W. (See Cox, W., and Pearson.)
- Pearson, Gustav C., assignor to Gardner-Denver Company, Denver, Colo. Drill sharpener. 2,001,689; May 14.
- Pearson, Gustave S., Wayzata, Minn. Variable speed transmission. 1,992,837; Feb. 26.
- Pearson, Henry C., Pasadena, Calif. Court tape for games. 1,986,941; Jan. 8.
- Pearson, Oscar A. (See Komm, P. M., Thomas, Madill, and Pearson.)
- Pearson, Walter, Whitman, Mass. Sewing machine. 2,003,461; June 4.
- Pearson, William J. (See Brown, Thomas I., assignor.)
- Pearson, William J. (See Lawrence, George W., assignor.)
- Pearson, William J. (See Smith, E. R., and Pearson.)

- Pearson, William J., Los Angeles, Calif. Adjustable printing mechanism. 2,003,218; May 28.
- Pearson, William J., Los Angeles, Calif. Dating device. 2,003,219; May 28.
- Pearson, William J., Los Angeles, Calif. Type-setting device. 2,003,220; May 28.
- Pearton, Henry W., and H. Mills, London, England. Book-binder's wrapping or covering machine. 2,014,980; Sept. 17.
- Pease, Anthony Equipment Co. (See Anthony, Alfred W., Jr., assignor.)
- Pease, Anthony Equipment Co. (See Pease, Fred F., assignor.)
- Pease, Benjamin F., Wyoming, Ohio. Truss pad. 2,020,958; Nov. 12.
- Pease, C. F., Company, The. (See Brunk, Harold J., assignor.)
- Pease, C. F., Company, The. (See Brunk, H. J., and Doerrich, assignors.)
- Pease, F. B., Company. (See Pease, John W., assignor.)
- Pease, Fred A., Cleveland Heights, Ohio, assignor to S. H. Werner, Jr., Tracy City, Tenn. Road making and maintenance appliance. 1,995,267; Mar. 19.
- Pease, Fred F., Squantum, assignor to Pease, Anthony Equipment Co., Cambridge, Mass. Washing gases. 1,992,762; Feb. 26.
- Pease, Frederick J., Wauwatosa, assignor to Clum Manufacturing Company, Milwaukee, Wis. Electrode. 2,000,668; May 7.
- Pease, John W., Rochester, N. Y. Fruit feeding and slicing machine. 2,015,409; Sept. 24.
- Pease, John W., assignor to F. B. Pease Company, Rochester, N. Y. Stepladder. 1,992,391; Feb. 26.
- Pease, Oliver S. (See Punte, W. F., and Pease.)
- Pease, William T., Huntington Park, assignor to Snow Manufacturing Co., Los Angeles, Calif. Gate valve construction. 2,000,352; May 7.
- Peaslee, Willets. (See Nenninger, L. F., and Peaslee.)
- Peaslee, Willets. (See Theler, F. J., Johnston, and Peaslee.)
- Peaslee, Willets and F. S. Haas, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machinery. 1,999,778; Apr. 30.
- Peaslee, Willets, and L. F. Nenninger, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machinery. 2,000,608; May 7.
- Peavey, Chase K., New York, assignor to The Lamson Company, Syracuse, N. Y. Conveyer. 2,002,830; May 28.
- Peavey, Joseph L., Meridian, Miss. Cover attachment for first aid kits. 2,000,495; May 7.
- Peccerillo, Dominick, and P. P. Heinz, New Haven, Conn. Automatic fire extinguisher. 1,988,857; Jan. 22.
- Pechacek, John. (See Johns, A. W., Thrasher, Earl, and Pechacek.)
- Pechy, William, Elizabeth, N. J., assignor to American Can Company, New York, N. Y. Can heading machine. 1,986,847; Jan. 8.
- Peck, Caid H., Waverly, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rail grinder. 1,988,138; Jan. 15.
- Peck, Charles L. (See Cunningham, N., and Peck.)
- Peck, Edward B., Elizabeth, N. J., assignor to Standard-I. G. Company. Obtaining valuable refined distillates from unrefined hydrocarbon oils and products obtained thereby. 2,006,177; June 25.
- Peck, Edward B., Elizabeth, N. J., assignor to Standard-I. G. Company. Treating carbonaceous materials. 2,009,717; July 30.
- Peck, Ferdinand W. (See Sachs, J. H., and Peck.)
- Peck, Ferdinand W., Pennsgrove, N. J., and F. Knowles, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing N-dihydro-1,2,2',1'-anthraquinone azine. 1,994,484; Mar. 19.
- Peck, Frank, Colorado Springs, Colo. Folding table. 1,997,182; Apr. 9.
- Peck, George W., Muscatine, Iowa. Farming implement. 2,005,633; June 18.
- Peck, Harry D. (See Corson, Arthur L., assignor.)
- Peck, Herbert A., Glenside, assignor to American Engineering Company, Philadelphia, Pa. Reversing mechanism. 1,995,220; Mar. 19.
- Peck, Irving H., Derby, Conn. Machine for bunching hairpins. 1,986,523; Jan. 1.
- Peck, Irving H., Derby, Conn. Centrifugal machine. 2,020,959; Nov. 12.
- Peck, Robert H., West New Brighton, N. Y., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Metal edged slab and building construction. 2,021,922; Nov. 26.
- Peck, Roy L., Portland, Oreg. Dispensing container. 2,023,542; Dec. 10.
- Peck, Samuel M., New York, N. Y. Substance for treatment of hemorrhagic diathesis. 1,995,037; Mar. 19.
- Peck, Samuel M., New York, N. Y. Substance for treatment of hemorrhagic diathesis. 1,995,038; Mar. 19.
- Peck, William A. (See Bussing, J. G., and Peck.)
- Peck, William H., Scarsdale, N. Y. Optical system. 1,994,531; Mar. 19.
- Peck, William J. (See Baumflek, H. D., and Peck.)
- Pecker, Joseph S., assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft rotative wing mounting. 1,995,460; Mar. 26.
- Pecker, Joseph S., assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft with rotatable sustaining means. 1,999,636; Apr. 30.
- Pecker, Joseph S., assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft having sustaining rotors. 1,999,737; Apr. 30.
- Pecker, Joseph S., assignor to Autogiro Company of America, Philadelphia, Pa. Rotary-winged aircraft. 2,000,904; May 14.
- Pecker, Joseph S., Arden, Del., assignor to Research and Manufacturing Corporation, Philadelphia, Pa. Cooking, heating, and sterilizing device. 2,011,869; Aug. 20.
- Pecker, Joseph S., Philadelphia, and A. E. Larsen, Huntington Valley, assignors to Autogiro Company of America, Philadelphia, Pa. Aircraft having sustaining rotors. 2,017,105; Oct. 15.
- Peckham, Josiah F., assignor of one-half to H. A. Latham, Providence, R. I. Can opener. 2,007,584; July 9.
- Peco Manufacturing Corporation. (See Errig, W. F., and Pfundt, assignors.)
- Pedersen, Anton K. (See Nielsen, C. L. C., and Pedersen.)
- Pedersen, Charles J. (See Calcott, W. S., and Pedersen.)
- Pedersen, Charles J. (See Downing, F. B., Parmelee, Pedersen, and Stecher.)
- Pedersen, Charles J. (See Downing, F. B., and Pedersen.)
- Pedersen, Dines C., Holbak, Denmark. Cultivator attachment for tractors. 2,012,434; Aug. 27.
- Pedersen, Ingvald O., Wilkensburg, Pa. Manufacturing glass tubing. 1,987,633; Jan. 15.
- Pedersen, John D., Jackson, Wyo. Cartridge clip. 2,017,988; Oct. 22.
- Pedersen, Julius, and M. J. Dowell, Bridgeport, Conn. Electric motor. 1,989,021; Jan. 22.
- Pedersen, Mathias, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar enveloping. 2,016,650; Oct. 8.
- Pedersen, Oscar F., Riverside, Ill., assignor to Phoenix Metal Cap Co., Inc. Jar closure. 2,008,593; July 16.
- Pedersen, Peder O. (See Berger, G. C., and Pedersen.)
- Pedersen, Thomas W., Montclair, N. J. Flash box. 1,987,705; Jan. 15.
- Pedersen, Thomas W., Montclair, N. J. Spark plug servicing stand. 2,009,589; July 30.
- Pedersen, Waldemar J., Floral Park, N. Y. Building slab. 2,014,778; Sept. 17.
- Pederson, Carl A., Bode, Iowa. Grading machine. 2,011,526; Aug. 13.
- Pedler, Ivor A. D. (See Whitby, E., Pedler, Selston, and Lester.)
- Pedler, Ivor A. D. (See Whitby, E., Pedler, Selston, Newman, and Lester.)
- Pedlow, John W. (See Humphrey, J. W., and Pedlow.)
- Pedrant, Eugene T., Petaluma, Calif. Axle shim. 2,014,482; Sept. 17.
- Pedrick, Irene P., assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Injector. 2,012,348; Aug. 27.
- Peebles, Charles, Yonkers, N. Y. Thermostat. 2,011,258; Aug. 13.
- Peebles, David D., Eureka, Calif. Defoaming apparatus. 1,993,944; Mar. 12.
- Peebles, David D., Eureka, Calif. Manufacturing dried food products. 2,005,238; June 18.
- Peebles, David D., Eureka, assignor to Western Condensing Company, San Francisco, Calif. Manufacturing dried stock feed. 2,013,476; Sept. 3.
- Peel, Dee Chair Co. (See Arnold, Moses W., assignor.)
- Peek Frean & Company Limited. (See Rondolin, Laurent, assignor.)
- Peek, Robert L., Jr., Union N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine telegraph cable. 1,987,416; Jan. 8.
- Peel, Edward T., London, England, and R. F. Kindersley, Alexandria, Egypt. Fishing reel. 1,995,221; Mar. 19.
- Peele, Raymond R., Saginaw, Mich. Machine for dividing plastic material. 1,990,500; Feb. 12.
- Peelle Company, The. (See Bancroft, James E., assignor.)
- Peelle Company, The. (See Peelle, Robert S., assignor.)
- Peelle, James F., Richmond, Ind. Door construction. 2,021,375; Nov. 19.
- Peelle, Robert S., Hollis, assignor to The Peelle Company, Brooklyn, N. Y. Operator for counterbalanced elevator doors. 1,989,148; Jan. 29.
- Peer Electric Co., Inc. (See Rosen, Joseph, assignor.)
- Peerless Bread Machine Company, The. (See Lauterbur, Edward J., and F. X., assignors.)
- Peerless Chain Company. (See Bambenek, Dominic C., assignor.)
- Peerless Chain Company. (See Bambenek, Joseph B., assignor.)
- Peerless Chain Company. (See Stokke, H. G., and Worner, assignors.)
- Peerless Key Company. (See Kretschmer, Otto, assignor.)
- Peerless Novelty Company. (See Stansberry, Warren H., assignor.)
- Peerless Paper Box Manufacturing Company, The. (See Roeg, Edward A., assignor.)
- Peerless Sample Card Co. (See Domber, Morris, assignor.)
- Peerless Springs, Incorporated. (See Gilmore, Chace D., assignor.)
- Peerless Unit Ventilation Co., Inc. (See Callahan, Michael J., assignor.)
- Peerless White Lime Company. (See Smith, Ralph W., assignor.)
- Peerless Wire Goods Company. (See Schilling, Ernest H., assignor.)

- Peeso, Martin E., White Plains, N. Y. Fishing tackle. 2,019,630; Nov. 5.
- Peet, Gerald D. (See Baker, J. C., and Peet.)
- Peet, Gerald D., Montclair, assignor to Wallace & Tiernan Company, Inc., Belleville, N. J. Method and apparatus for supplying gas. 1,998,250; Apr. 16.
- Peet, John L. (See Dahl, L. S., and Peet.)
- Peet, Robert B. (See Burke, W. E., Allen, Gale, Ritchie, and Peet.)
- Peets, Wilbur J., and I. F. Webb, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Unitary electric motor and power transmitter. 2,004,055; June 4.
- Peffer, Alrid B., assignor to Imperial Machine Company, Philadelphia, Pa. Pan greasing machine. 1,989,880; Feb. 5.
- Pehtotsky, Milton W., Cleveland, Ohio. Battery bracket. 2,009,199; July 23.
- Pehrson, Johan M., and R. V. Pehrson, Stockholm, Sweden. Treatment of materials in rotating furnaces or drums by hot gas. 2,020,960; Nov. 12.
- Pehrson, Ragnar V. (See Pehrson, Johan M. and R. V.)
- Pehrsson, Johan, Skillingaryd, Sweden. Adjustable wrench. 2,013,065; Sept. 3.
- Peik, Louis D. (See Wean, R. J., and Peik.)
- Peik, Paul G., Chicago, Ill., assignor to The Halsey W. Taylor Company, Warren, Ohio. Muffler. 1,988,048; Jan. 15.
- Peik, Paul G., Chicago, Ill., assignor to The Halsey W. Taylor Company, Warren, Ohio. Muffler. 2,009,343; July 23.
- Peik, Paul G., Chicago, Ill., assignor to The Halsey W. Taylor Company, Warren, Ohio. Muffler. 2,014,666; Sept. 17.
- Peileke, Gustav, Philadelphia, Pa. Window lock. 2,011,727; Aug. 20.
- Peiler, Karl E., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Forming hollow glassware. 2,008,312; July 16.
- Peiler, Karl E., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for shaping glassware. 2,017,569; Oct. 15.
- Peineke, Wilhelm, K. Reschke, Berlin, and H. Dietzius, Gatow, A/H. assignors to Siemens Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Plain bearing. 2,014,584; Sept. 17.
- Peineke, Wilhelm, Berlin, K. Reschke, Berlin-Siemensstadt, and H. Dietzius, Berlin-Charlottenburg, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Plain bearing. 2,014,585; Sept. 17.
- Peirce, Charles L., Jr., Pittsburgh, Pa., assignor of one-half to Hubbard and Company. Making insulator racks. 1,990,667; Feb. 12.
- Peirce, Charles L., Jr., Pittsburgh, Pa., assignor of one-half to Hubbard and Company. Solderless connector. 1,997,430; Apr. 9.
- Peirce, Charles L., Jr., Pittsburgh, Pa., assignor of one-half to Hubbard and Company. Insulator rack. 2,019,992; Nov. 5.
- Peirce, Inez H., Chicago, Ill. Coffee extracting device. 1,994,323; Mar. 12.
- Peirce, John R., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting machine. 1,987,310; Jan. 8.
- Peirce, John R., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,010,642; Aug. 6.
- Peirce, Thomas A. (See Holden, A. D., McCracken, and Peirce.)
- Peirce, Walter T., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Insulation. 1,998,057; Apr. 16.
- Peirce, William B. (See Graham, H. C., and Peirce.)
- Peirce, Willis M. (See Ginder, P. M., Peirce, and Waring.)
- Peirce, Willis M., and R. K. Waring, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Volatilizing zinc. 1,994,355; Mar. 12.
- Peirce, Willis M., and R. K. Waring, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Apparatus for volatilizing zinc. 1,994,356; Mar. 12.
- Peisch, Fred W., Chicago, Ill. Gauge. 2,000,535; May 7.
- Pejchar, Josef, Corona, N. Y. Finger ring, bracelet, and the like. 2,003,950; June 4.
- Pekár, Desiderius, and S. Rybár, Budapest, Hungary, said Rybár assignor to said Pekár. Eötvös balance. 1,988,508; Jan. 22.
- Pekonen, Edward. (See Sharpe, R. J., and Pekonen.)
- Pelc, Joseph J., Chicago, Ill. Treatment of aliphatic and cyclic saturated hydrocarbons. 2,011,199; Aug. 13.
- Pellegatti, Emmett, Garfield Heights, Ohio. Sound propagating apparatus. 2,018,740; Oct. 29.
- Pellegrin, Elmer D. (See Wilkinson, G. D., and Pellegrin.)
- Pellerin, Lionel J., Lynn, Mass. Mechanical toy. 1,988,396; Jan. 15.
- Pellini, Joseph, Paris, France. Two liquid cell. 1,988,139; Jan. 15.
- Pellow, Arthur, and L. W. Goddu, assignors to American Optical Company, Southbridge, Mass. Ophthalmic lens and making the same. 1,991,116; Feb. 12.
- Pels, Herbert, New Rochelle, N. Y. Photographic amusement device and making the same. 2,020,853; Nov. 12.
- Peltier, Frank D., and W. A. Kuenzli, Evansville, Ind., assignors to Servel Inc., New York, N. Y. Water cooler. 2,010,413; Aug. 6.
- Peltier, Frank D., and C. E. Ploeger, Evansville, Ind., assignors to Servel Inc., New York, N. Y. Refrigeration. 2,023,435; Dec. 10.
- Pelton, Earl L. (See Grether, E. F., and Pelton.)
- Pelton, George E., Popkins Farms, Fairfax County, Va. Supplying ink to ink transfer members. 2,005,503; June 18.
- Pelton, George E., Alexandria, Va. Coated absorbent materials and apparatus for producing the same. 2,022,322; Nov. 26.
- Pelton, George M., deceased, late of Milwaukee, Wis., by H. W. Knox, Administrator, assignor to The Filer & Stowell Company. Tapering mechanism. 2,005,387; June 18.
- Pelton Water Wheel Company, The. (See Foulds, Charles V., assignor.)
- Peltzer, Albert, Jr. (See Peltzer, Albert, and Albert, Jr.)
- Peltzer, Albert, and A. Peltzer, Jr., Palo Alto, assignors to Merco Centrifugal Separator Co. Ltd., San Francisco, Calif. Material treatment method, apparatus, and system. 2,013,668; Sept. 10.
- Peltzer, Victor H., assignor to Société "Dualis", Paris, France. Block for correspondence. 2,015,906; Oct. 1.
- Pelzer, Harry L., Highland, Ind., assignor to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbons. 1,993,894; Mar. 12.
- Pelzer, Harry L., Highland, Ind., assignor to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbon oils. 2,001,313; May 14.
- Pelzer, Harry L., Houston, Tex., assignor to Sinclair Refining Company, New York, N. Y. Coking hydrocarbons. 2,001,214; May 14.
- Pelzer, Harry L., Houston, Tex., assignor to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbon oils. 2,001,314; May 14.
- Pemberthy Injector Company. (See Yoder, Howard D., assignor.)
- Penati, Carlo, assignor to Fiat Società Anonima, Turin, Italy. Fluid pressure change-speed gear control device for motor vehicles, especially motor-rail-cars. 1,993,247; Mar. 5.
- Penati, Carlo, assignor to Fiat Società Anonima, Turin, Italy. Freewheel clutch for heavy loads. 2,019,823; Nov. 5.
- Pemberthy Injector Company. (See Yoder, Howard D., assignor.)
- Pen-Chlor, Inc. (See Dietz, K., and Frank, assignors.)
- Pencovic, Perry, San Francisco, Calif. Garbage can. 1,995,779; Mar. 26.
- Pendleton, Alexander G., Hartford, Conn., assignor to General Electric Company. Liquid heating system. 1,996,625; Apr. 2.
- Pendleton, Charles A., Cramerton, N. C. Reaming bearings. 1,993,180; Mar. 5.
- Pendleton, Edwin H., Venice, assignor to Econolite Corporation, Los Angeles, Calif. Sun valve. 1,997,598; Apr. 16.
- Pendry, William J., Brentwood, Calif. Folding cabin. 2,006,477; July 2.
- Pengilly, Joseph H., R. P. Snoke and L. G. Maechtlen, Los Angeles, Calif., assignors to Square D Company, Inc. Magnetic switch. 1,995,896; Mar. 26.
- Pengilly, Lewis. (See Jay, W., and Pengilly.)
- Penick, Arthur J. and K. T., Houston, Tex. Elevator. 1,986,283; Jan. 1.
- Penick, Arthur J. and K. T., Houston, Tex. Elevator. 1,986,284; Jan. 1.
- Penick, Arthur J. and K. T., Houston, Tex. Coupling. 1,992,503; Feb. 26.
- Penick, Arthur J. and K. T., Houston, Tex. Casing head and blow-out preventer. 1,997,152; Apr. 9.
- Penick, Arthur J. and K. T., Houston, Tex. Pack-off tool. 1,997,431; Apr. 9.
- Penick, Arthur J. and K. T., Houston, Tex. Pump. 2,002,713; May 28.
- Penick, Arthur J. and K. T., Houston, Tex. Tubing head. 2,009,200; July 23.
- Penick, Arthur J. and K. T., Houston, Tex. Well head. 2,016,454; Oct. 8.
- Penick, Kirby T. (See Penick, Arthur J. and K. T.)
- Pennland, G. H. et al. (See Efflandt, Herbert W., assignor.)
- Penn, Albert, Des Moines, Iowa, assignor to Penn Electric Switch Co. Air volume controlling device for water storage tanks. 2,004,417; June 11.
- Penn, Donald. (See Maxedon, R. C., and Penn.)
- Penn Electric Switch Co. (See Henning, Malcolm E., assignor.)
- Penn Electric Switch Co. (See Penn, Albert, assignor.)
- Penn Electric Switch Co. (See Persons, Lawrence M., assignor.)
- Penn Electric Switch Co. (See Rubel, Abraham L., assignor.)
- Penn, Floyd A. (See Zundel, Eugene A., assignor.)
- Penn Machine Company. (See Shaver, North C., assignor.)
- Penn, Marco M., Tampa, Fla. Automatic g. 2,000,146; May 7.
- Penn Metal Company. (See Spihosa, A. V., and Redding, assignors.)
- Penn, Ronald, assignor of one-half to William J. Hume, Toronto, Ontario, Canada. Bowling game. 1,993,225; Mar. 5.
- Pennell, Philip H., and C. H. Draper, Mannheim Township, Lancaster County, assignors to Armstrong Cork Company, Lancaster, Pa. Paint and making the same. 1,988,959; Jan. 22.

- Pennell, Samuel, New York, N. Y. Blood transfusion apparatus. 2,015,123; Sept. 24.
- Penner, Robert. (See Zabel, F. R., and Penner.)
- Penney, Gaylord W., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High speed commutator. 2,000,715; May 7.
- Penney, Gaylord W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat transfer surface. 2,024,743; Dec. 17.
- Penney, John S., Richmond Heights, and A. C. Lingley, Kansas City, assignors to T. J. Moss Tie Company, St. Louis, Mo. Culvert. 1,992,763; Feb. 26.
- Penney, Robert L., Brooklyn, N. Y. Pocket cigarette case and lighter. 2,005,557; June 18.
- Penniman, Abbott L., Baltimore, Md. Surface condenser. 1,992,504; Feb. 26.
- Penniman, William B. D., Baltimore, Md. Oil seal and dust guard. 1,989,110; Jan. 29.
- Penniman, William B. D., Baltimore, Md. Oxidizing petroleum and the products thereof. 1,995,324; Mar. 26.
- Penniman, William B. D., Lawyer's Hill, Md. Oil seal and dust guard for journal boxes. 2,003,120; May 28.
- Penniman, William B. D., Baltimore, Md. Treating oils. 2,007,212; July 9.
- Penniman, William B. D., Baltimore, Md. Lubricating device. 2,009,323; July 23.
- Penniman, William B. D., Baltimore, Md. Oil seal. 2,012,974; Sept. 3.
- Pennington Engineering Company. (See Pennington, Gordon R., assignor.)
- Pennington, Gordon R., assignor to Pennington Engineering Company, Cleveland, Ohio. Shock absorber for motor vehicles. 2,009,676; July 30.
- Pennington, Gordon R., Cleveland Heights, assignor to Pennington Engineering Company, Cleveland, Ohio. Shock absorber for motor vehicles. 2,009,677; July 30.
- Pennington, Gordon R., Cleveland Heights, assignor to Pennington Engineering Company, Cleveland, Ohio. Shock absorber. 2,009,678; July 30.
- Pennington, Mary E., assignor to The Borden Company, New York, N. Y. Freezing eggs. 2,013,896; Sept. 10.
- Pennington, Mary E., and A. W. Thomas, assignors to The Borden Company, New York, N. Y. Treating egg. 1,996,171; Apr. 2.
- Pennock, Edward M., St. Paul, assignor to G. H. Tennant Company, Minneapolis, Minn. Bottle crate construction. 1,989,149; Jan. 29.
- Pennock, Edward M., Minneapolis, Minn., and E. W. McClelland, Hollywood, Calif., assignors to G. H. Tennant Company, Minneapolis, Minn. Detachable corner structure for crates. 2,017,161; Oct. 15.
- Pennrich, Henry C., New York, N. Y. Cracking large molecular hydrocarbons. 2,016,651; Oct. 8.
- Pennsylvania Coal Products Company. (See Lofton, W. M., Jr., and Burroughs, assignors.)
- Pennsylvania Crusher Company. (See Buchanan, Gordon, assignor.)
- Pennsylvania Crusher Company. (See Stine, James E., assignor.)
- Pennsylvania Globe Company. (See Le Gorre, Jean L., assignor.)
- Pennsylvania Pump & Compressor Co. (See Noble, William H., assignor.)
- Pennsylvania Pump & Compressor Company. (See Raymond, Ward, assignor.)
- Pennsylvania Railroad Company, The. (See Caruthers, Eugene W., assignor.)
- Pennsylvania Railroad Company, The. (See Kiesel, William F., Jr., assignor.)
- Pennsylvania Rubber Company. (See Humphrey, Walter E., assignor.)
- Pennsylvania Salt Manufacturing Company. (See Beldin, Claude S., assignor.)
- Pennsylvania Salt Manufacturing Company. (See Broadhurst, Harold M., assignor.)
- Pennsylvania Salt Manufacturing Company. (See Cushing, R. E., and Burkhardt, assignors.)
- Pennsylvania Salt Manufacturing Company. (See Davies, Richard L., assignor.)
- Pennsylvania Salt Manufacturing Company. (See Van der Cook, R. E., and Sweetland, assignors.)
- Pennwalt Company. (See Greenawalt, Frederick A., assignor.)
- Penny, Fred C., assignor of one-half to H. D. Diffin, Avalon, Calif. Golf tee. 2,018,146; Oct. 22.
- Pennybacker, Miles, West Orange assignor to Voltarc Tubes, Inc., Newark, N. J. Luminous discharge tube system. 1,988,459; Jan. 22.
- Pennzoll Company, The. (See Cavanaugh, George S., assignor.)
- Penola, Inc. (See Reswick, Maurice, assignor.)
- Penote, Augustus J., Shaker Heights, Ohio. Swivel barricade structure with attached supports. 1,998,520; Apr. 23.
- Penote, Augustus J., Shaker Heights, Ohio. Backfiller mechanism. 2,013,170; Sept. 3.
- Penrod, John, Okmulgee, Okla. Valve assembly for well pumps. 2,005,299; June 18.
- Penrod, Melvin A., Murrysville, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch controlling apparatus. 2,007,659; July 9.
- Penrose, Alpha S., Wabaska, Nev. Cigarette holder and blank therefor. 1,995,684; Mar. 26.
- Pensel, George R., Amsterdam, N. Y. Production of leather. 2,004,472; June 11.
- Pensel, George R., Amsterdam, N. Y. Production of leather. 2,004,473; June 11.
- Penta, Patrick W., Stoneham, Mass. Pocket case. 2,004,672; June 11.
- Pentz, Albert D., assignor to Pentz Motor Brake Corporation, New Brighton, N. Y. Vehicle brake operator. 1,998,094; Apr. 16.
- Pentz, Albert D., New York, assignor to Pentz Motor Brake Corporation, New Brighton, N. Y. Vehicle brake. 2,022,254; Nov. 26.
- Pentz Motor Brake Corporation. (See Pentz, Albert D., assignor.)
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,004,903; June 11.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,004,905; June 11.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber. 2,004,960; June 18.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Link. 2,005,004; June 18.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,005,750; June 25.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Thermostatic valve structure for hydraulic shock absorbers. 2,005,751; June 25.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Individual wheel suspension. 2,019,725; Nov. 5.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Valve mechanism. 2,021,427; Nov. 19.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,021,428; Nov. 19.
- Peo, Ralph F., and C. F. Lautz, assignors to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,004,902; June 11.
- Peo, Ralph F., and J. Sullivan, assignors to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,004,904; June 11.
- People of The United States of America, The. (See Benesh, Matthew E., assignor.)
- Peoples Drug Stores, Inc. (See Carr, Frank P., assignor.)
- Peoples Gas By-Products Corporation. (See Witmann, R. A., and Guthrie, assignors.)
- Peoples-Pittsburgh Trust Company, Executor. (See Foster, W. D., and Parmelee.)
- Peplin, Thomas, New York, N. Y. Golf club. 2,003,951; June 4.
- Peppard, Joseph G., Jr., assignor to Peppard Seed Company, Kansas City, Mo. Seed harvesting machine. 2,022,779; Dec. 3.
- Peppard Seed Company. (See Peppard, Joseph G., Jr., assignor.)
- Pepper, Abraham, Pueblo, Colo. Rug display rack. 2,019,090; Oct. 29.
- Pepper, Percy, Fort Wayne, Ind. Brake. 2,001,630; May 14.
- Pepsodent Co., The. (See Kuever, Rudolph A., assignor.)
- Peraldo, George P., et al. (See Basso, Giovanni, assignor.)
- Peralta, Roberto J., Panuco, Mexico. Electric current control device. 2,024,060; Dec. 10.
- Perazzoli, Henry J., Philadelphia, Pa. Track grinder. 1,999,943; Apr. 30.
- Perceval Anna M. (See Norwood, Harry G., assignor.)
- Per-Co-Mak Corporation. (See Melzer, F., and Feltault, assignors.)
- Percy, Edwin H., Fort Bragg, Calif. Stave bending and bevelling machine. 2,009,945; July 30.
- Peremi, Edmund, and I. Toth, Manhasset, N. Y. Hinging device for projected type sash. 1,987,516; Jan. 8.
- Peremi, Edmund, and I. Toth, Manhasset, N. Y. Window construction. 1,999,208; Apr. 30.
- Peremi, Edmund, Manhasset, and C. Kish, Elmhurst, assignors to General Bronze Corporation, Long Island City, N. Y. Revolving door. 2,003,305; June 4.
- Peremi, Edmund, Manhasset, and C. Kish, Elmhurst, assignors to General Bronze Corporation, Long Island City, N. Y. Revolving door. 2,007,213; July 9.
- Peremi, Edmund, Manhasset, and C. Kish, Elmhurst, N. Y., assignors to General Bronze Corporation, Long Island City, N. Y. Revolving door. 2,010,825; Aug. 13.
- Peremi, Edmund, Manhasset, and C. Kish, Elmhurst, assignors to General Bronze Corporation, Long Island City, N. Y. Revolving door. 2,014,395; Sept. 17.
- Perey, John F., Rockville Centre, assignor to Perey Manufacturing Company, Inc., New York, N. Y. Turnstile. 2,007,131; July 2.
- Perey, John F., Rockville Centre, assignor to Perey Manufacturing Company, Inc., New York, N. Y. Turnstile. 2,007,132; July 2.
- Perey Manufacturing Company. (See Bacon, D. R., and Downs, assignors.)
- Perey Manufacturing Company. (See Perey, John F., assignor.)
- Perfect Circle Company, The. (See Brannan, Lee M., assignor.)
- Perfect Circle Company, The. (See Cromis, Lloyd, assignor.)
- Perfect Circle Company, The. (See Johnson, Charles E., assignor.)

- Perfect Circle Company, The. (See Linn, Joseph C., assignor.)
- Perfect Circle Company, The. (See Paton, Roy W., assignor.)
- Perfect Circle Company, The. (See Teetor, Charles N., assignor.)
- Perfect Circle Company, The. (See Teetor, Herman, assignor.)
- Perfect Circle Company, The. (See Teetor, Macy O., assignor.)
- Perfect Circle Company, The. (See Teetor, Ralph R., assignor.)
- Perfect Manufacturing Company, The. (See Bollman, R. R., and Ornes, assignors.)
- Perfection Appliances, Inc. (See Bossie, Charles S., assignor.)
- Perfection Marker Company. (See Eaton, Charles F., assignor.)
- Perfection Steel Body Company, The. (See Brick, Perry A., assignor.)
- Perfection Steel Body Company, The. (See Cohen, Harry, assignor.)
- Perfection Steel Body Company, The. (See Divney, Raymond P., assignor.)
- Perfection Stove Company, The. (See Chadwick, Lee S., assignor.)
- Perfection Stove Company. (See Chadwick, L. S., Dahlstrom, and Wiltshire, assignors.)
- Perfection Stove Company. (See Chadwick, L. S., Resek, and Kessler, assignors.)
- Perfection Stove Company. (See Chadwick, L. S. and R., assignors.)
- Perfection Stove Company. (See Chadwick, L. S., Resek, and Midnight, assignors.)
- Perfection Stove Company. (See Dahlstrom, J. A., and Bryson, assignors.)
- Perfection Stove Company. (See Keith, David F., assignor.)
- Perfection Stove Company. (See Kessler, Charles J., assignor.)
- Perfection Stove Company. (See Resek, M., and Focke, assignors.)
- Perfex Radiator Company. (See MacLeod, Daniel T., assignor.)
- Perham, Arthur L. (See Henderson, J. B., and Perham.)
- Perichard, Albert, Tarare, France. Thread tensioning device for creels and the like. 2,006,651; July 2.
- Perillat, Charles D., assignor to Hazelton-De Bevoise Inc., Worcester, Mass. Garment. 2,001,283; May 14.
- Perino, Jules, Philadelphia, Pa., assignor to General Electric Company. Electric circuit breaker. 1,998,941; Apr. 23.
- Perkins, Albert G., Warsaw, N. Y. Pipe coating apparatus. 1,988,329; Jan. 15.
- Perkins, Alfred J. (See Embury, F. B., and Perkins.)
- Perkins, Alfred W., Newburyport, Mass. Bottle attachment. 2,020,205; Nov. 5.
- Perkins, B. F., & Son, Inc. (See Getchell, Raymond E., assignor.)
- Perkins, Belva M., et al. (See Deguara, Vincent, assignor.)
- Perkins, Benjamin F., Holyoke, Mass. Paper manufacture. 1,994,435; Mar. 12.
- Perkins, Cecil K., New Brighton, Pa. Apparatus for cleaning walls. 1,995,685; Mar. 26.
- Perkins Cementing, Inc. (See Harrington, Leonard E., assignor.)
- Perkins, Charles M., Seattle, Wash. Book hanger. 2,007,612; July 9.
- Perkins, F., Limited. (See Perkins, Francis A., assignor.)
- Perkins, Francis A., assignor to F. Perkins Limited, Peterborough, England. Internal-combustion engine of the fuel-injection type. 2,021,744; Nov. 19.
- Perkins Glue Company. (See Harvey, Ellery H., assignor.)
- Perkins Glue Company. (See Pierson, Gordon G., assignor.)
- Perkins Glue Company. (See Pierson, Gordon R., assignor.)
- Perkins, Granville A., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Separation of diolefines from hydrocarbon mixtures. 1,993,681; Mar. 5.
- Perkins, Granville A., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Vinyl ester. 2,021,698; Nov. 19.
- Perkins, Ivan M., Brookline, Pa., and F. B. Hobart, Grandview Heights, Ohio, assignors to The Atlantic Refining Company, Philadelphia, Pa. Treatment of oil-wax mixtures. 1,994,485; Mar. 19.
- Perkins, Ivan M., Brookline, and S. S. Kurtz, Jr., Merion, assignors to The Atlantic Refining Company, Philadelphia, Pa. Separation of oil-wax mixtures. 1,998,464; Apr. 23.
- Perkins, John L., Baltimore, Md. Game. 2,004,707; June 11.
- Perkins, Laurence M., Erie, Pa., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automatic volume control. 2,026,357; Dec. 31.
- Perkins Machine and Gear Company. (See Oakley, John, assignor.)
- Perkins, Melvin A. (See Lulek, R. N., and Perkins.)
- Perkins, Melvin A. (See Wuertz, A. J., Graham, and Perkins.)
- Perkins, Melvin A., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of glyoxal sulphate. 1,999,995; Apr. 30.
- Perkins, Melvin A., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of benzanthranyl selenoethers. 1,999,996; Apr. 30.
- Perkins, Melvin A., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Mixed benzanthrone-anthraquinone selenoethers. 1,999,997; Apr. 30.
- Perkins, Melvin A., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinonyl selenoethers. 1,999,998; Apr. 30.
- Perkins, Melvin A., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Benzanthrone selenoethers. 1,999,999; Apr. 30.
- Perkins, Peyton D., Richmond, Va. Bucket. 2,011,415; Aug. 13.
- Perkins, Ralph P., A. J. Dietzler, and J. T. Lundquist, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of tertiary alkyl-substituted aromatic derivatives. 1,991,332; Feb. 12.
- Perkins, Samuel J. (See Kelley, K., and Perkins.)
- Perkins, William J. (See Whittemore, F. B., and Perkins.)
- Perkins, William L., Montrose, Colo. Automatic hatch cover and plug manipulator. 1,994,402; Mar. 12.
- Perkinson, James F., Danville, Va. Gyration sifter drive. 2,023,180; Dec. 3.
- Perkit, Edward M., Boston, Mass. Carton and making the same. 2,016,754; Oct. 8.
- Perks, Thomas E., and C. E. Ross, London, England. Cooking stove. 1,986,524; Jan. 1.
- Perl, Albert H. F., Birmingham, England. Hinging-locking mechanism. 2,003,008; May 28.
- Perl, John, Los Angeles, Calif. Method and apparatus for distillation. 2,003,306; June 4.
- Perl, Louis, assignor to Landis Leather Goods, Inc., Perth Amboy, N. J. Framed hand bag and removable cover therefor. 2,019,693; Nov. 5.
- Perlesz, Hugo. (See Trotta, L., and Perlesz.)
- Perlesz, Hugo, assignor to Burton-Dixie Corporation, Chicago, Ill. Inner-tie mattress. 2,010,105; Aug. 6.
- Perlesz, Hugo, Chicago, and C. F. Pearce, Jr., Glencoe, assignors to Burton-Dixie Corporation, Chicago, Ill. Glider. 2,011,870; Aug. 20.
- Perlman, David, Jersey City, N. J. Signaling apparatus. 2,016,790; Oct. 8.
- Perlman, Edward. (See Cargill, Maxwell F., assignor.)
- Perma Corporation. (See Dopp, Frank B., assignor.)
- Perma Corporation. (See Eichhorn, August G., assignor.)
- Permafex, Incorporated. (See Harris, Harold R., assignor.)
- Perman, Per E., Stockholm, Sweden. Ice-making. 1,997,341; Apr. 9.
- Permatex Company. (See Fuchs, Heman C., assignor.)
- Permold Company, The. (See Fahman, Everett G., assignor.)
- Permutit Company, The. (See Hughes, Walter J., assignor.)
- Permutit Company, (1934), The. (See Clark, Thomas B., assignor.)
- Permutit Company, (1934) The. (See Pick, Eric, assignor.)
- Permutit Company, (1934) The. (See Sweeney, O. R., and Clark, assignors.)
- Pernod, Gustave G., New York, N. Y. Timed radio program selector. 2,010,826; Aug. 13.
- Peron, Anthony, New York, N. Y. Broiler. 1,988,087; Jan. 15.
- Peroni, Carmela. (See Caponi, Patsy, assignor.)
- Perov, René, Watertown, Mass. Exercising apparatus. 1,987,207; Jan. 8.
- Perreault, George B., Bronxville, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Light valve. 2,017,130; Oct. 15.
- Perreault, Wilfrid, Oakland, Calif. Compressed air gun. 2,006,577; July 2.
- Perri, Antonio, McKees Rocks, Pa. Float. 2,010,371; Aug. 6.
- Perrichon, Pierre J., Fontenay Sous Bois, France. Brush. 1,989,022; Jan. 22.
- Perrier, Michel E., Roanne, assignor to "Les Carburateurs Delfi", Roanne, (Loire), France. Carburetor for internal combustion engines. 2,012,020; Aug. 20.
- Perrin, Marcel C., and J. E. Vinzant, Paris, France. Incandescent electric lamp. 1,997,975; Apr. 16.
- Perrin, Paul H., Chatou and G. H. Vulliet-Durand, Paris, France; said Vulliet-Durand assignor to said Perrin. Plastic artificial leather composition. 2,011,590; Aug. 20.
- Perrin, René, assignor to Société d'Electrochimie d'Electrometallurgie et des Aciéries Electriques d'Ugine, Paris, France. Manufacture of iron alloys. 2,015,690; Oct. 1.
- Perrin, René, assignor to Société d'Electrochimie d'Electrometallurgie et des Aciéries Electriques d'Ugine, Paris, France. Treatment of metals with slags. 2,015,691; Oct. 1.
- Perrin, René, assignor to Société d'Electrochimie d'Electrometallurgie et des Aciéries Electriques d'Ugine, Paris, France. Dephosphorizing steel. 2,015,692; Oct. 1.
- Perrin, René, assignor to Société d'Electrochimie d'Electrometallurgie et des Aciéries Electriques d'Ugine, Paris, France. Purifying copper. 2,015,693; Oct. 1.

- Perrine, Emmett B., Minneapolis, Minn. Fishing tackle box. 1,999,779; Apr. 30.
- Perron, Marcel P. (See Miguet, P. L. J., and Perron.)
- Perry, Agnes S. (See Perry, Ira D., assignor.)
- Perry, Alfred A., Middle Village, Long Island, N. Y. Clothesline support. 2,008,467; July 16.
- Perry, Arsene A., and H. A. Weber, Springfield, Mass. Sign device. 1,986,681; Jan. 1.
- Perry Automatic Burner Corporation. (See Schroeder, O. C., and (Perry assignor).)
- Perry, Charles W., Dotham, Ala. Combined fireplace back and water heater structure. 2,006,279; June 25.
- Perry, Crawford C. (See Mulcahy, D. J., and Perry.)
- Perry, David B., Ithaca, assignor to Morse Chain Company, Ithaca, N. Y. Flexible coupling. 2,024,473; Dec. 17.
- Perry, David B., Ithaca, assignor to Morse Chain Company, Ithaca, N. Y. Flexible coupling. 2,024,474; Dec. 17.
- Perry, Dewitt T., assignor to Colonial Cake Company, Inc., San Antonio, Tex. Box. 2,019,870; Nov. 5.
- Perry, Edgar J., Pierre, S. Dak. Insect trap. 1,990,049; Feb. 5.
- Perry, Edward D., assignor to The Beardsley & Wolcott Manufacturing Company, Waterbury, Conn. Razor blade stropper. 1,991,257; Feb. 12.
- Perry, Edwin H. (See Brown, R., and Perry.)
- Perry, George A., assignor to Jones & Lamson Machine Company, Springfield, Vt. Automatic control for hydraulic feed mechanism. 1,986,848; Jan. 8.
- Perry, George S., DuPont Co. Mechanical device. 2,008,225; July 16.
- Perry, Grover C., Chicago, Ill. Celluloid product. 1,995,518; Mar. 26.
- Perry, Harold R., Swarthmore, Pa., and C. S. Jennings, assignors to The Lamson Company, Syracuse, N. Y. Conveyor. 2,000,417; May 7.
- Perry, Herbert M., New York, N. Y. Smoking pipe. 1,994,448; Mar. 12.
- Perry, Ira D., Chicago, assignor, by mesne assignments, to The Atwood Vacuum Machine Company, Rockford, Ill. Automobile door and the like. 1,991,517; Feb. 19.
- Perry, Ira D., assignor to A. S. Perry, Chicago, Ill. Air valve and the like. 1,992,764; Feb. 26.
- Perry, Joseph A., Swarthmore, assignor to The United Gas Improvement Company, Philadelphia, Pa. Bolted pipe joint. 2,010,769; Aug. 6.
- Perry, Joseph A., Swarthmore, assignor to The United Gas Improvement Company, Philadelphia, Pa. Bolted pipe joint. 2,012,793; Aug. 27.
- Perry, Joseph A., Swarthmore, assignor to The United Gas Improvement Company, Philadelphia, Pa. Insulated pipe joint. 1,986,357; Jan. 1.
- Perry, Joseph A., Swarthmore, and E. L. Hall, assignors to The United Gas Improvement Company, Philadelphia, Pa. Low gravity carbureted water gas. 1,995,897; Mar. 26.
- Perry, Joseph A., Swarthmore, and E. L. Hall, assignors to The United Gas Improvement Company, Philadelphia, Pa. Two shell water gas set. 1,995,898; Mar. 26.
- Perry, Judson A., assignor, by mesne assignments, to Perry Sink Flusher Company, Greensboro, N. C. Sink flusher. 2,024,873; Dec. 17.
- Perry, Lewis A., assignor to Pioneer Sand & Gravel Company, Seattle, Wash. Consistency and time indicating and recording equipment for concrete mixers. 2,013,837; Sept. 10.
- Perry, Manuel F., Jr., New Bedford, Mass. Automatic hydraulic clutch-transmission. 2,025,472; Dec. 24.
- Perry, Milton H., East Lansing, Mich. Coin controlled vending machine. 2,017,817; Oct. 15.
- Perry, Samuel V., Memphis, Tenn. Washing machine. 1,994,109; Mar. 12.
- Perry, Sidney J., Spokane, Wash. Adjustable bracket. 2,024,384; Dec. 17.
- Perry Sink Flusher Company. (See Perry, Judson A., assignor.)
- Perry, Stanley. (See Schroeder, O. C., and Perry.)
- Perry, Walter F. (See Root, C. G., and Perry.)
- Perry, Walter M., assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector car. 2,011,416; Aug. 13.
- Perry, Wightman C., Santa Fe Springs, Calif. Plunger valve for oil well pumps. 2,026,058; Dec. 31.
- Perryman, George H., Teaneck, N. J., assignor to The Scholl Mfg. Co., Inc. Making corn plasters. 1,995,076; Mar. 19.
- Perryman, George H., Teaneck, N. J., assignor to the Scholl Mfg. Co., Inc. Making corn plasters. 1,995,077; Mar. 19.
- Perryman, George H., Teaneck, and A. J. MacCutchan, Bloomfield, assignors to Table Tennis Corp. of America, Union City, N. J. Table tennis bat. 2,011,185; Aug. 13.
- Persch, Walther. (See Bockmühl, M., and Persch.)
- Perser Corporation, The. (See Draper, Ernest E., assignor.)
- Perser Corporation, The. (See Ives, Herbert E., assignor.)
- Persiani, Vincent J., Chicago Heights, Ill. Apparatus for cooking. 2,022,940; Dec. 3.
- Person, Frank R., Worcester, Mass. Vehicle suspension. 1,994,590; Mar. 19.
- Persons, Charles A., assignor to Persons-Majestic Manufacturing Company, Worcester, Mass. Tow line. 2,011,233; Aug. 13.
- Persons, Lawrence M., assignor to Cook Electric Company, Chicago, Ill. Regulator. 1,994,728; Mar. 19.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Electric control structure. 2,010,618; Nov. 12.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Heater-cooler thermostat. 2,024,385; Dec. 17.
- Persons-Majestic Manufacturing Company. (See Persons, Charles A., assignor.)
- Persson, Henry, Maplewood, assignor to Landon P. Smith, Inc., Irvington, N. J. Tile cutter. 1,994,420; Mar. 12.
- Persten, Meyer, Brooklyn, N. Y. Airplane. 1,994,663; Mar. 19.
- Perth Shoe Company. (See Sabiston, E. M., and Chester, assignors.)
- Perutz, Otto, Firm. (See Tlapak, Franz, assignor.)
- Perutz, Otto, Trockenplattenfabrik Munchen G. m. b. H. (See Kleist, Walter, assignor.)
- Pesacov, Louis. (See Drischell, D. J., and Pesacov.)
- Pescara, Raul P., Paris, France. Motor compressor. 1,996,973; Apr. 9.
- Pescara, Raul P., Paris, France. Motor compressor. 1,996,974; Apr. 9.
- Pescara, Raul P., Paris, France. Apparatus for stabilizing the movement of opposed pistons in internal combustion engines. 2,007,305; July 9.
- Pescara, Raul P., Paris, France. Motor compressor. 2,016,613; Oct. 8.
- Pescara, Raul P., Paris, France. Motor compressor. 2,025,176; Dec. 24.
- Pescara, Raul P., Paris, France. Motor compressor. 2,025,177; Dec. 24.
- Pesci, Thomas, Raritan, N. J. Machine for printing floor and wall coverings. 1,997,652; Apr. 16.
- Pesci, Thomas, Raritan, N. J. Clamp. 2,003,090; May 28.
- Peshak, Joseph, assignor to Wheary Trunk Company, Racine, Wis. Hand luggage. 2,015,232; Sept. 24.
- Peskulich, Kathryn, Black Eagle, Mont. Tree holder. 2,023,340; Dec. 3.
- Pestalozza, Paolo, Milan, Italy. Mixing gases and solids. 1,992,090; Feb. 19.
- Pestalozza, Ugo, assignor to Società Italiana Pirelli, Milan, Italy. Manufacture of threads or strips of rubber or the like. 2,003,721; June 4.
- Pestarni, Giuseppe M., Sheffield, England. Direct current electric motor equipment operated in connection with rotary direct current transformers. 1,987,417; Jan. 8.
- Peter, Albin, assignor to firm "Chemical Works formerly Sandoz," Basel, Switzerland. Water-soluble anthraquinone dyestuffs and making same. 1,987,538; Jan. 8.
- Peter, Albin, assignor to the firm of Chemical Works, formerly Sandoz, Basel, Switzerland. Anthraquinone dyestuffs, and their manufacture. 2,008,796; July 23.
- Petermann, John H., Sr., C. Schwartz, and A. Atkinson, New Orleans, La. Crate construction. 1,995,940; Mar. 26.
- Peters, Anna, San Antonio, Tex. Garment pocket. 2,011,010; Aug. 13.
- Peters, Arthur E., Phillipsburg, N. J., and F. M. Slater, Easton, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J. Feeding device for percussive motors. 2,010,496; Aug. 6.
- Peters, Arthur H., assignor to Horton Manufacturing Company, Fort Wayne, Ind. Washing machine. 1,989,820; Feb. 5.
- Peters, Edward, Prahran, Victoria, Australia. Automatic signaling apparatus. 2,024,061; Dec. 10.
- Peters, Edward H., assignor to J. H. Jacobson, Chicago, Ill. Mud jack sleeve for highways and the like. 2,007,457; July 9.
- Peters, Elmer P. (See Kent, J. W., and Peters.)
- Peters, Frederick W., Cleveland, Ohio. Roller bearing. 2,011,184; Aug. 13.
- Peters, Fritz, Dusseldorf, Germany. Tube making. 2,011,907; Aug. 20.
- Peters, Harry. (See Sharkey, W. E., and Peters.)
- Peters, Gustav F., and O. Reissner, St. Paul, Minn. Sausage casing and making the same. 2,017,162; Oct. 15.
- Peters, Johannes P., Rotterdam, Netherlands. Apparatus for molding, shaping, and elongating dough rolls. 1,988,047; Jan. 15.
- Peters, Johannes P., Rotterdam, Netherlands. Apparatus for mechanically folding over the side flaps of a sheet of dough. 2,017,605; Oct. 15.
- Peters, John F. (See Stage, S. A., Reding, and Peters.)
- Peters, John F., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Thermionic discharge device. 2,012,435; Aug. 27.
- Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Container. 2,013,669; Sept. 10.
- Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Container. 2,022,780; Dec. 3.
- Peters, Leo R. (See Severin, C., and Peters.)
- Peters, Leo R., Garfield Heights, Ohio, assignor to General Electric Company. Electric lamp or similar device. 2,009,094; July 23.
- Peters, Maurice C., North Bennington, Vt. Safety pin. 1,991,292; Feb. 12.

- Peters, Maurice C., Bennington, Vt. Combined group equalizing and individually operating hydraulic brake. 2,021,463; Nov. 19.
- Peters, Oskar E., Chemnitz, Germany. Discharging device. 2,020,798; Nov. 12.
- Peters, Peter N., New York, N. Y. Razor blade. 2,001,155; May 14.
- Peters, Walter F. and W. W. R. Gebert, Buffalo, N. Y. Ventilator. 1,993,622; Mar. 5.
- Peters, William F., and D. L. Todd, Dayton, Ohio. Clothes wringer. 2,015,365; Sept. 24.
- Peters, William H., Castleton-on-Hudson, assignor to Wheeler Paper Corporation, Albany, N. Y. Toilet paper container and dispenser. 2,000,454; May 7.
- Peters, William L. (See Schomburg, W. H., Feemster, and Peters.)
- Peters, William L. Mohawk, assignor to Remington Rand, Inc., Buffalo, N. Y. Typewriting and like machine. 2,023,543; Dec. 10.
- Petersen, Arthur E., Westfield, N. J., assignor to Celluloid Corporation. Foil and film manufacture. 2,022,360; Nov. 26.
- Petersen, Axel C. G. (See Poulsen, Arnold, assignor.)
- Petersen, Axel C. G., Copenhagen, assignor of part interest to Arnold Poulsen, Charlottenlund, near Copenhagen, Denmark. Film having a photographic sound record for preparing same. 1,997,976; Apr. 16.
- Petersen, Carl A., and A. L. Christy, Chicago, Ill. Foot valve. 2,005,954; Jun. 25.
- Petersen, Carl M., Morrisville, Pa., assignor to Circle F. Manufacturing Company, Trenton, N. J. Switch and housing therefor. 1,998,995; Apr. 23.
- Petersen, Christian, Detroit, Mich. Time actuated dial control for radio receiving sets. 2,008,108; July 16.
- Petersen, Edgar G., assignor to Pines Winterfront Company, Chicago, Ill. Thermostatic switch. 1,992,765; Feb. 26.
- Petersen, Eyvind W., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Forming rotors. 2,012,021; Aug. 20.
- Petersen, Eyvind W., Beloit, Wis., and W. A. Singer, assignors to Fairbanks, Morse & Co., Chicago, Ill. Induction machine. 2,005,201; June 18.
- Petersen, Frank D. (See Petersen, Samuel H., and F. D.)
- Petersen, Hans H. S., Scranton, Pa. Machine for measuring strip materials. 1,987,970; Jan. 15.
- Petersen, John H. D. (See Drinkwater, J. D. S., and Petersen.)
- Petersen, Karl W., assignor of one-half to Iowa Fiber Box Company, Keokuk, Iowa, and one-half to South West Box Company, Sand Springs, Okla. Reinforced fiber board box. 2,000,982; May 14.
- Petersen, Roy S. (See Andrews, C. W., and Petersen.)
- Petersen, Samuel H., and F. D. Philadelphia, Pa. Valve controlling device. 1,997,977; Apr. 16.
- Petersen, Thorvald, Erie, Pa., assignor to R. G. Wright & Co., Buffalo, N. Y. Bottle capping device. 1,987,075; Jan. 8.
- Petersen, Thorvald, assignor to Reed Manufacturing Company, Erie, Pa. Pipe vise. 2,005,161; June 18.
- Petersen, Thorvald, assignor to Reed Manufacturing Company, Erie, Pa. Pipe vise gripping member. 2,005,162; June 18.
- Petersen, Thorvald, assignor to Reed Manufacturing Company, Erie, Pa. Pipe cutter. 2,005,163; June 18.
- Petersen, Waldemar, Berlin, Germany, assignor to General Electric Company. Electric valve converting apparatus. 2,026,355; Dec. 31.
- Peterson, Adolphe C., Minneapolis, Minn. Automotive power actuated transmission means. 1,991,518; Feb. 19.
- Peterson, Adolphe C., Minneapolis, Minn. Variable free-wheeling transmission means. 1,997,698; Apr. 16.
- Peterson, Adolphe C., Minneapolis, Minn. Drive and suspension means. 2,002,210; May 21.
- Peterson, Adolphe C., Minneapolis, Minn. Variable incidence plane. 2,004,214; June 11.
- Peterson, Adolphe C., Minneapolis, Minn. Unit assembly engine and drive means. 2,004,215; June 11.
- Peterson, Arthur S., Richmond, Calif., assignor to Certain-teed Products Corporation, New York, N. Y. Roofing machine. 2,010,887; Aug. 13.
- Peterson, Arvid, assignor to De Laval Steam Turbine Company, Trenton, N. J. Driving means for ship auxiliaries or the like. 2,009,001; July 23.
- Peterson, Arvid J. (See Peterson, Elmer H., assignor.)
- Peterson, Burt A., assignor to Barber-Colman Company, Rockford, Ill. Machine for operating upon warps. 2,011,115; Aug. 13.
- Peterson, Carl D., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Inertia brake. 1,991,625; Feb. 19.
- Peterson, Carl D., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Change speed transmission mechanism (shifting mechanism for additional gear ratio). 1,991,694; Feb. 19.
- Peterson, Carl D., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Transmission gearing (high reverse gear). 1,999,615; Apr. 30.
- Peterson, Carl D., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Change speed transmission mechanism (shifting mechanism for additional gear ratio). 2,011,501; Aug. 13.
- Peterson, Carl E., Scarsdale, N. Y. Power unit. 1,993,797; Mar. 12.
- Peterson, Clarence R., San Diego, Calif. Bullet sizer and greaser. 2,019,795; Nov. 5.
- Peterson, Edward S., Elmwood Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,010,372; Aug. 6.
- Peterson, Edward S., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Measured service telephone system. 2,013,171; Sept. 3.
- Peterson, Edward S., Elmwood Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,023,240; Dec. 3.
- Peterson, Edward T., Reading, Pa. Flying shear. 1,988,215; Jan. 15.
- Peterson, Edward T., Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Crusher. 2,009,186; July 23.
- Peterson, Edward W., St. Paul, Minn. Lawn mower. 1,989,821; Feb. 5.
- Peterson, Elmer H., assignor of one-half to A. J. Peterson, Seattle, Wash. Lawn trimmer. 1,987,634; Jan. 15.
- Peterson, Ernest G., assignor to Hercules Powder Company, Wilmington, Del. Composition of matter and method of producing. 1,993,027; Mar. 5.
- Peterson, Ernest G., assignor to Hercules Powder Company, Wilmington, Del. Composition of matter and method of producing. 1,993,028; Mar. 5.
- Peterson, Ernest G., assignor to Hercules Powder Company, Wilmington, Del. Synthetic Resin and method of producing. 1,993,029; Mar. 5.
- Peterson, Ernest G., assignor to Hercules Powder Company, Wilmington, Del. Synthetic resin and method of producing. 1,993,030; Mar. 5.
- Peterson, Ernest G., assignor to Hercules Powder Company, Wilmington, Del. Terpene-maleic anhydride reaction product and producing. 1,993,031; Mar. 5.
- Peterson, Ernest G., assignor to Hercules Powder Company, Wilmington, Del. Synthetic resin and producing the same. 1,993,032; Mar. 5.
- Peterson, Ernest G., assignor to Hercules Powder Company, Wilmington, Del. Synthetic resin and producing the same. 1,993,033; Mar. 5.
- Peterson, Ernest G., assignor to Hercules Powder Company, Wilmington, Del. Coating composition. 2,022,149; Nov. 26.
- Peterson, Ernest G., Kenil, and E. R. Littmann, Haddonfield, N. J., assignors to Hercules Powder Company, Wilmington, Del. Alpha-terpinene-maleic anhydride reaction product and producing it. 1,993,025; Mar. 5.
- Peterson, Eugene. (See Legg, V. E., Peterson, and Wrathall.)
- Peterson, Eugene, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave amplifying circuit. 1,995,362; Mar. 26.
- Peterson, Eugene, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical measuring system. 2,006,698; July 2.
- Peterson, Eugene, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translation system. 2,012,286; Aug. 27.
- Peterson, Frederick J., College Point, N. Y., assignor to Shoup-Owens, Inc., Hoboken, N. J. Folding box. 2,014,695; Sept. 17.
- Peterson, Frederick W., Los Angeles, Calif. Photographic copholder. 1,999,616; Apr. 30.
- Peterson, George H. (See Darrow, W. E., and Peterson.)
- Peterson, George H., East Orange, N. J., assignor to American Telephone and Telegraph Company. Telephone system. 1,993,855; Mar. 12.
- Peterson, Hans R., St. Paul, Minn. Acid guard. 2,013,219; Sept. 3.
- Peterson, Harold O. (See Beverage, H. H., and Peterson.)
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Heterodyne circuits. 1,997,012; Apr. 9.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Antenna regulator for diversity reception. 2,004,127; June 11.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Successive antenna selector. 2,004,128; June 11.
- Peterson, Harold O., Riverhead, Long Island, N. Y., assignor to Radio Corporation of America. Frequency determination and adjustment. 2,007,145; July 2.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Volume control. 2,022,478; Nov. 26.
- Peterson, Harold O., and D. R. Goddard, Riverhead, N. Y., assignor to Radio Corporation of America. Oscillator. 1,987,867; Jan. 15.
- Peterson, Harry W. J., Montreal, Quebec, Canada. Lowering chute. 1,993,945; Mar. 12.
- Peterson, Henry F., Rockford, Ill. Shop instrument. 2,005,106; June 18.
- Peterson, Johann G., West Hartford, Conn. Electric switch. 1,987,025; Jan. 8.
- Peterson, John, Cedarhurst, N. Y. Nonskid device. 1,999,944; Apr. 30.
- Peterson, John E., assignor to The Waterbury Lock & Specialty Company, Milford, Conn. Vanity case or similar article. 2,007,812; July 9.
- Peterson, John E., assignor to The Waterbury Lock & Specialty Company, Milford, Conn. Cigarette case or similar article. 2,017,445; Oct. 15.
- Peterson, Joseph W. (See Strong, J. C., and Peterson.)

- Peterson, Justin, Saugus, Mass., assignor to General Electric Company. Starting apparatus for electric discharge lamps and the like. 2,007,769; July 9.
- Peterson, Justin, Saugus, Mass., assignor to General Electric Company. Starting apparatus for electric discharge lamps and the like. 2,008,514; July 16.
- Peterson, Levander, assignor to James H. Rhodes & Company, Chicago, Ill. Machine for making metal wool. 2,001,940; May 21.
- Peterson, Ole, Houston, Tex. Pile hammer. 2,012,828; Aug. 27.
- Peterson, Oscar, Seattle, Wash. Combination device. 1,992,541; Feb. 26.
- Peterson, Per A., New York, N. Y. Cigar holder. 1,996,829; Apr. 9.
- Peterson, Peter, assignor to The City Auto Stamping Company, Toledo, Ohio. Method and apparatus for making sheet metal articles. 2,002,097; May 21.
- Peterson, R. C., et al. (See Ankarlo, Victor, assignor.)
- Peterson, Rolland E., Aetna, Ind., assignor to American Sheet and Tin Plate Company. Rolling millwork measuring. 2,005,325; June 18.
- Peterson, Russell G. (See Osgood, G. H., and Peterson.)
- Peterson, Sven, Los Angeles, Calif. Valve control for internal combustion engines. 1,988,018; Jan. 15.
- Peterson, Thomas F., Brooklyn, N. Y. Electrical cable joint. 1,987,971; Jan. 15.
- Peterson, Thomas H., Oakland, and E. V. Sweeney, Berkeley, Calif. Container for prophylactic rubbers. 2,008,875; July 23.
- Peterson, Victor, Chicago, Ill., and A. C. Schaefer, Los Angeles, Calif. Printing. 2,000,094; May 7.
- Peterson, Victor W. (See Burger, W. D., and Peterson.)
- Peterson, Victor W., Chicago, and J. E. Gregorich, Berwyn, assignors to Hannifin Manufacturing Co., Chicago, Ill. Press. 1,999,057; Apr. 23.
- Peterson, Victor W., assignor to Hannifin Manufacturing Co., Chicago, Ill. Control device. 2,019,766; Nov. 5.
- Peterson, Walter, Long Beach, Calif. Artificial lure. 1,993,798; Mar. 12.
- Peterson, Wesley R. (See Salzberg, P. L., and Peterson.)
- Peterson, William E., Iron Mountain, Mich. Corner bead. 2,012,203; Aug. 20.
- Petit, Leon T., Pittsburg, Calif. Furnace structure. 2,024,595; Dec. 17.
- Petit, Louis, Paris, France. Photographic roller holder. 1,992,091; Feb. 19.
- Petitcolas, Pierre. (See Kopp, G., and Petitcolas.)
- Petitpas, Julien, Paris, France. Preserving fresh vegetables in the raw state. 1,998,384; Apr. 16.
- Petnel, Joseph A., Jersey City, N. J. Dial telephone finger wheel. 2,015,694; Oct. 1.
- Petricone, Sabatino, Cincinnati, Ohio. Cleaning dispensing systems. 2,023,854; Dec. 10.
- Petrie, Carlton J., Montour Falls, N. Y. Fish line float. 2,001,109; May 14.
- Petrie, Peter S. (See Britton, E. C., Nutting, and Petrie.)
- Petrie, Peter S. (See Nutting, H. S., Petrie, and Huscher.)
- Petrie, Peter S. (See Nutting, H. S., Britton, Huscher, and Petrie.)
- Petrie, Robert E., Chicago, Ill. Lubricating system and installing the same. 2,003,389; June 4.
- Petris, Anthony F., South Chicago, Ill. Window ventilator. 1,999,421; Apr. 30.
- Petro, Anthony, assignor to Petro Petroleum Corporation, New Rochelle, N. Y. Automatic air vent. 2,008,993; July 23.
- Petro Petroleum Corporation. (See Petro, Anthony, assignor.)
- Petrocelli, Anastasio. (See Rossi, Pasquale, assignor.)
- Petrofske, Burney A., Cudahy, Wis. Toy airplane. 2,018,415; Oct. 22.
- Petroleum Conversion Corporation. (See Blanckenburg, Emil, assignor.)
- Petroleum Conversion Corporation. (See Colony, Myron W., assignor.)
- Petroleum Conversion Corporation. (See Sachs, Albert P., assignor.)
- Petroleum Heat and Power Company. (See Bulger, William A., assignor.)
- Petroleum Iron Works Company of Ohio, The. (See Shanor, Edgar E., assignor.)
- Petroleum Iron Works Company of Ohio, The. (See Todd, George W., assignor.)
- Petroleum Iron Works Company of Texas, The. (See Pittman, Ernest W., assignor.)
- Petroleum Iron Works of Texas, The. (See Huguen, Joseph M., assignor.)
- Petroleum Processes Corporation, The. (See Tears, Claude E., assignor.)
- Petroleum Rectifying Company of California. (See Eddy, Harold C., assignor.)
- Petroleum Rectifying Company of California. (See Fisher, Harmon F., assignor.)
- Petroleum Rectifying Company of California. (See Worthington, John T., assignor.)
- Petrone, John, Chicago, Ill. Electric coffee maker. 2,013,172; Sept. 3.
- Petrouvich, Louis, Neuilly-sur-Seine, France. Building. 1,991,695; Feb. 19.
- Petsch, Hermann, assignor to Carl Still Gesellschaft mit beschränkter Haftung, Recklinghausen, Germany. Regenerative chamber oven for the production of coke and gas. 1,999,780; Apr. 30.
- Petsch, Hermann, assignor to the firm Carl Still, Recklinghausen, Germany. Process and apparatus for compressing coal in a chamber oven, retorts and the like. 2,002,614; May 28.
- Petskeyes, Charles H., Davenport, assignor to The Micro Corporation, Bettendorf, Iowa. Wrapping machine. 2,023,147; Dec. 3.
- Pettazzoni, Ernesto, Bologna, Italy. Bicycle. 2,007,725; July 9.
- Pettee, Allen D., Mount Vernon, assignor to General Cable Corporation, New York, N. Y. Reservoir. 2,025,670; July 9.
- Pettepher, Frank R., Spokane, Wash. Screen for use in waterways. 1,999,637; Apr. 30.
- Petterson, Arthur R., Marblehead, Mass., assignor to Thomson-Judd Wire Machinery Company, Lynn, Mass. Cable stranding machine. 2,004,634; June 11.
- Petterson, Gustaf F., and T. W. Sandberg, Borlange, Sweden. Signaling device for automobiles and similar vehicles. 1,988,330; Jan. 15.
- Petterson, Theodor. (See Engman, Karl V., assignor.)
- Pettit, Paul W., Elmhurst, Ill. Electron discharge apparatus and the like. 1,996,212; Apr. 2.
- Petteys, Howard L., Perrysburg, Ohio. Lawn edger. 2,001,921; May 21.
- Pettibone Mulliken Company. (See Meckenstock, John W., assignor.)
- Pettingill, Clark, Seal Beach, and E. J. Barlow, Long Beach, Calif. Continuous oxygen recorder. 2,019,871; Nov. 5.
- Pettengill, George W., Audubon, and C. D. Haigis, Camden, N. J., assignors to Radio Corporation of America. Radio signaling apparatus. 2,018,569; Oct. 22.
- Pettit, George A. (See Norman, E. B., and Pettit.)
- Pettit, Harold O., Palmerton, Pa. Road guide. 1,997,342; Apr. 9.
- Pettit, Oliver W., Tottenham, Ontario, Canada. Oil rectifier and reclaimers. 2,020,570; Nov. 12.
- Pettman, Albert V., and W. Reed-Lethbridge, Auckland, New Zealand. Wireless apparatus. 2,005,388; June 18.
- Petty, Earl, assignor to Alco Products, Incorporated, New York, N. Y. Fractional crystallization of waxes. 2,007,546; July 9.
- Petty, Earl, Hempstead, assignor to Alco Products Incorporated, New York, N. Y. Dewaxing hydrocarbon oils. 2,023,181; Dec. 3.
- Petty, Edward L., assignor to Continental Car-Na-Var, Corporation, Brazil, Ind. Scrubbing brush. 2,021,608; Nov. 19.
- Petznick, Herman P., Davenport, Iowa. Supporting means for train pipe couplings. 1,987,868; Jan. 15.
- Peizold, Ernst H., Jr., St. Louis, Mo. Baking pan. 2,020,373; Nov. 12.
- Peuffaillit, Louis, Paris, France. Treating yarns. 2,012,769; Aug. 27.
- Peuker, Franz, Darmstadt, Germany. Weighing scale. 2,007,306; July 9.
- Peuker, Franz, and K. Rathke, Darmstadt, assignors to Carl Schenck, Elseneggerei & Maschinenfabrik Darmstadt, G. m. b. H., Darmstadt, Germany. Automatic scale. 2,016,098; Oct. 1.
- Peukert, Ernst, Neuroessen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Oxidation of organic compounds of high molecular weight. 1,987,208; Jan. 8.
- Peusken, Gerrit. (See van Urk, A. T., and Peusken.)
- Pevely Dair Company. (See Wasser, Joseph J., assignor.)
- Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Motor fuel. 1,991,333; Feb. 12.
- Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Solvent refining of hydrocarbon oil. 1,998,399; Apr. 16.
- Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing hydrocarbon oil. 2,003,667; June 4.
- Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Sweetening petroleum hydrocarbons. 2,015,038; Sept. 17.
- Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Preparation of phenylmethanes. 2,015,039; Sept. 17.
- Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Motor fuel. 2,021,088; Nov. 12.
- Peverelli, Giuseppe. (See Galimberti, G., and Peverelli.)
- Pew, Arthur E., Jr., Bryn Mawr, assignor to Sun Oil Company, Philadelphia, Pa. Preparing stock for distillation of lubricating oil. 2,006,407; July 2.
- Pew, Arthur E., Jr., Bryn Mawr, assignor to Sun Oil Company, Philadelphia, Pa. Cracking hydrocarbon oils. 2,021,923; Nov. 26.
- Pew, Victor G., Kitzmiller, Md. Lawn mower attachment. 2,000,249; May 7.
- Peycke, Armand H., Kenilworth, assignor to American Steel Foundries, Chicago, Ill. Brake beam fulcrum. 2,010,319; Aug. 6.
- Peyringhaus, Walter, Egge, near Volmarstein, Germany. Rail vehicle axle journal brass. 2,018,417; Oct. 22.
- Peyser, Joseph, Mount Vernon, N. Y. Dial feed mechanism. 1,987,209; Jan. 8.
- Pepton du Pont, Incorporated. (See Graham, Frank F., assignor.)
- Pepton, William C., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Distributor head for stokers. 2,015,494; Sept. 24.

- Peyton, William C., New York, N. Y., and H. P. Anderson, Erie, Pa., assignors to The Standard Stoker Company, Incorporated. Stoker conveyor. 1,999,979; Apr. 30.
- Pezzella, Rocco, Washington, D. C. Hair curling device. 2,000,496; May 7.
- Pezzella, Rocco, Washington, D. C. Hair curling device. 2,004,249; June 11.
- Pfaffenberger, Joachim. (See Dahl, O., and Pfaffenberger.)
- Pfalzer, Arthur M., Hollywood, Calif. Baffle for loud speakers. 2,005,300; June 18.
- Pfannenstiel, Hugo. (See Mahn, H., Meyer, and Pfannenstiel.)
- Pfannmuller, Julius. (See Wallerstein, L., Pfannmuller, and Noë.)
- Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Chemical Company. Bearing metal and bearing. 2,004,708; June 11.
- Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Chemical Co. Preparing pen-points. 2,005,752; June 25.
- Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Chemical Co. Self-starting arc. 2,009,903; July 30.
- Pfanstiehl Chemical Co. (See Pfanstiehl, Carl, assignor.)
- Pfanstiel, Robert. (See Corson, H. P., and Pfanstiel.)
- Pfanstiel, Robert. (See Kepfer, R. J., and Pfanstiel.)
- Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pressure regulator. 2,022,975; Dec. 3.
- Pfaudler Co., The. (See Greene, Otto W., assignor.)
- Pfaundler, Conrad. (See Klein, H., and Pfaundler.)
- Pfauter, Edward M. (See Mandl, S., and Pfauter.)
- Pfauter, Edward M., assignor to Blackhawk Manufacturing Co., Milwaukee, Wis. Hydraulic jack. 1,994,783; Mar. 19.
- Pfauter, Edward M., Wauwatosa, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Reversible friction clutch. 2,003,155; May 28.
- Pfauter, Edward M., assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Safety control for mechanical garage jacks. 2,018,148; Oct. 22.
- Pfauter, Edward M., and S. Mandl, assignors to Blackhawk Manufacturing Company, Milwaukee, Wis. Ratchet mechanism. 1,995,009; Mar. 19.
- Pfefferkorn, Frederick F., and C. A. Stevens, Carrollton, Ohio, assignors to The Carrollton Metal Products Co. Food container. 2,009,516; July 30.
- Pfefferle, George H., assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Repair device for pipe lines. 2,009,744; July 30.
- Pfefferle, George H., and C. E. Norton, assignors to S. R. Dresser Manufacturing Company, Bradford, Pa. Threaded follower pipe joint or fitting. 2,021,745; Nov. 19.
- Pfeifer, Averill B., and L. D. Mowery, Cleveland, Ohio. Filing equipment. 1,996,523; Apr. 2.
- Pfeifer, Harry, Latrobe, Pa. Cuspidor. 2,011,346; Aug. 13.
- Pfeifer, William, Jr., Hackensack, N. J. Fastening device. 2,014,451; Sept. 17.
- Pfeiffer, César, Asnieres, France, assignor to Fuller Company, Catasauqua, Pa. Compressor and vacuum pump. 2,015,124; Sept. 24.
- Pfeiffer, Charles G., and J. G. Ogden, Philadelphia, assignors to Specialty Engineering Company, Philadelphia, Pa. Truck body. 2,024,596; Dec. 17.
- Pfeiffer, Conrad L., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for electric welding. 2,018,379; Oct. 22.
- Pfeiffer, Conrad L., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric welding and annealing. 2,018,380; Oct. 22.
- Pfeiffer, Conrad L., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric welding machine. 2,024,597; Dec. 17.
- Pfeiffer, Frank E., assignor to The Egly Register Company, Dayton, Ohio. Summary sheet feed for autographic registers. 1,990,564; Feb. 12.
- Pfeiffer, Franklin, and K. A. Traenkle, assignors to the firm Carl Zeiss, Jena, Germany. Apparatus for taking series of photographs. 2,014,188; Sept. 10.
- Pfeiffer, Fred B., assignor to National Rubber Machinery Company, Akron, Ohio. Collapsible drum. 2,004,797; June 11.
- Pfeiffer, William C., assignor to The Egly Register Company, Dayton, Ohio. Manifolding device. 1,998,333; Apr. 16.
- Pfeiffer, William C., assignor to The Egly Register Company, Dayton, Ohio. Apparatus for feeding paper and carbon sheets. 2,011,825; Aug. 20.
- Pfeiffer, William C., assignor to The Egly Register Company, Dayton, Ohio. Apparatus for handling multiple paper strips. 2,011,826; Aug. 20.
- Pfeife, Fred J., assignor to The Mechanical Mold & Machine Company, Akron, Ohio. Molding apparatus. 1,990,091; Feb. 5.
- Pfeife, Frederick J., Willoughby, Ohio, assignor of one-half to J. L. Smith. Artificial lure. 1,993,018; Mar. 5.
- Pfeil, Roy C. H. (See Bloss, R. R., and Pfeil.)
- Pfeil, William C. H. (See Manzel, A. W. F., and Pfeil.)
- Pfiffer, Joseph J. H. (See Swingle, W. W., and Pfiffer.)
- Pfirmaann, Theodor W., Castrop-Rauxel, Germany. Hydrogenating carbonaceous materials. 2,012,318; Aug. 27.
- Pfister, Arnold, Clifton, N. J. Printing thickener. 2,011,728; Aug. 20.
- Pfister, Arthur, Maspeth, N. Y., assignor to Radio Corporation of America. Automatic volume control. 1,986,644; Jan. 1.
- Pfister Chemical Co. Inc. (See Lundstedt, Erik, assignor.)
- Pfister, William A. (See Price, E., and Pfister.)
- Pfitzer, Adolf, assignor to Hugh A. Currie, Chicago, Ill., doing business as Currie Mfg. Co. Candy tray. 1,994,664; Mar. 19.
- Pfizer, Charles, & Company. (See Pasternack, R., and Burnham, assignors.)
- Pfizer, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Car underframe. 2,015,190; Sept. 24.
- Pfizing, Charles R., assignor of one-eighth to F. A. Koenig, Miami, and one-eighth to W. P. Meeker, Coconut Grove, Fla. Combination cigarette holding, ejecting, and electric igniting mechanism. 1,991,258; Feb. 12.
- Pfjanze, Charles F. (See Moog, S. A., and Pfjanze.)
- Pfeger, George T., assignor to U. S. Electrical Manufacturing Company, Los Angeles, Calif. Bearing structure. 1,987,157; Jan. 8.
- Pfeger, George T., assignor to United States Electrical Manufacturing Company, Los Angeles, Calif. Automatic oiler, initial and drip. 2,008,035; July 16.
- Pfeger, George T., assignor to United States Electrical Manufacturing Company, Los Angeles, Calif. Seal for bearing housings. 2,015,233; Sept. 24.
- Pfeger, George T., assignor to United States Electrical Manufacturing Company, Los Angeles, Calif. Flexible belt. 2,017,291; Oct. 15.
- Pfueger, Charles T. (See Maryfield, W. L., and Pfueger.)
- Pfueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Trolling spoon. 1,992,766; Feb. 26.
- Pfueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Artificial fishing bait or lure. 2,011,075; Aug. 13.
- Pfueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 2,018,468; Oct. 22.
- Pfohl, Harold F. L., Buffalo, N. Y. Buffing and polishing wheel. 2,010,106; Aug. 6.
- Pfrommer, Gustav. (See Beer, K., and Pfrommer.)
- Pfundt, George M. (See Errig, W. F., and Pfundt.)
- Phair, Robert A., Allendale, N. J., and J. G. Lukash, West Brighton, Staten Island, assignors to H. Kohnstamm & Co. Inc., New York, N. Y. Laundering method. 1,998,819; Apr. 23.
- Pharis Tire and Rubber Company. (See Houlette, Henry I., assignor.)
- Pharis Tire and Rubber Company, The. (See Reel, Ralph M., assignor.)
- Pharis Tire & Rubber Company, The. (See Warrell, Jonas E., assignor.)
- Pharma Chemical Corporation. (See Markush, Eugene A., assignor.)
- Phelan, Francis L., Cambridge, Mass. Game. 2,015,284; Sept. 24.
- Phelps, Alva W., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Armature and manufacture. 1,991,696; Feb. 19.
- Phelps Dodge Copper Products Corporation. (See Staples, Horace A., assignor.)
- Phelps Dodge Corporation. (See Kuzell, Charles R., assignor.)
- Phelps Dodge Corporation. (See Ralston, O. C., and King, assignors.)
- Phelps, Donald J. (See Schulz, A. W., and Phelps.)
- Phelps, Guy W., and R. Bradley, assignors to Industrial Patents Corporation, Chicago, Ill. Producing a refined hydrogenated sesame oil. 2,022,361; Nov. 26.
- Phelps, Henry B., Tuckahoe, N. Y., assignor to American Telephone and Telegraph Company. Service observing system for telephonic exchanges. 1,996,213; Apr. 2.
- Phelps, Hubert, and J. E. Phelps, deceased, Little Rock, Ark. Hubert Phelps, administrator. Machine for unloading cotton seed and other commodities. 2,013,477; Sept. 3.
- Phelps, Joe E. (See Phelps, Hubert, and J. E.)
- Phelps, Maurice W. (See Barber, W. R., Natwick, and Phelps.)
- Phelps, Robert W. (See Dillon, L., and Phelps.)
- Phelps, Rosalia C., Segovia, Tex. Electric oven. 2,024,386; Dec. 17.
- Phelps, William H. (See Panaro, Antonio, assignor.)
- Phenix, Maurice C., Los Angeles, Calif. Dowel pin chuck. 1,989,288; Jan. 29.
- Philadelphia and Reading Coal and Iron Company, The. (See Grine, H. A., Reid, and Wagner, assignors.)
- Philadelphia Drying Machinery Company, The. (See Galson, Henry L., assignor.)
- Philadelphia Quartz Company. (See Albertshauser, Franz, assignor.)
- Philadelphia Quartz Company. (See Carter, John D., assignor.)
- Philadelphia Quartz Company of California, Ltd. (See Baker, Chester L., assignor.)
- Philadelphia Rubber Works Company, The. (See Lane, Gilbert F., assignor.)
- Philadelphia Steel and Wire Corporation. (See Buechting, Rudolph, assignor.)
- Philadelphia Steel & Wire Corporation. (See Washer, Chandler C., assignor.)
- Philadelphia Storage Battery Company. (See Brown, Reynolds D., Jr., assignor.)

- Philadelphia Storage Battery Company. (See Craig, William H., assignor.)
- Philadelphia Storage Battery Company. (See Grinditch, William H., assignor.)
- Philadelphia Storage Battery Company. (See McKellip, Spencer W., assignor.)
- Philadelphia Storage Battery Company. (See Rittenhouse, Alvah, assignor.)
- Philbrick, Joseph, Arlington, N. J., assignor to Parsons Ammonia Company, Inc., New York, N. Y. Bottle. 2,022,520; Nov. 26.
- Philip, Charles W., San Francisco, assignor to Philip Manufacturing Company, Oakland, Calif. Gas mixer. 1,986,159; Jan. 1.
- Philip Manufacturing Company. (See Philip, Charles W., assignor.)
- Philip, Morris, New York, N. Y. Fashioning attachment for knitting machines. 2,004,584; June 11.
- Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 1,987,792; Jan. 15.
- Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 1,987,793; Jan. 15.
- Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,000,787; May 7.
- Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,019,091; Oct. 29.
- Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,021,924; Nov. 26.
- Philippbar, Frank J., Bradford, Pa. Oil grade indicator. 2,021,089; Nov. 12.
- Philippe, Louis, New York, N. Y. Container for cosmetics, pharmaceuticals, or the like. 1,988,088; Jan. 15.
- Philippi, Edward H., Evanston, Ill. Advertising device. 2,016,022; Oct. 1.
- Philippi, Edward H., Evanston, Ill. Advertising device. 2,025,178; Dec. 24.
- Philippi, Theodore F., East St. Louis, Ill. Polishing machine. 1,990,668; Feb. 12.
- Philippi, Theodore F., East St. Louis, Ill. Polishing machine. 2,015,495; Sept. 24.
- Philippine Aromatic Cigarettes Mfg. Co. (See Lim, Tlaw P., assignor.)
- Philips, Alfred. (See Dabelow, M., and Phillips.)
- Phillips & Davies, Inc. (See Phillips, Erwin B., assignor.)
- Phillips, Erwin B., assignor to Phillips & Davies, Inc., Kenton, Ohio. Sluice gate. 2,015,366; Sept. 24.
- Phillips, James H., Oak Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Receiving system. 2,024,181; Dec. 17.
- Phillips, N. V., Gloeilampenfabrieken. (See Bouwers, A., Burgers, and Bierman, assignors.)
- Phillips, N. V., Gloeilampenfabrieken. (See Holst, Gilles, assignor.)
- Phillips, N. V., Gloeilampenfabrieken. (See Los, Cornelis B., assignor.)
- Phillips, N. V., Gloeilampenfabrieken. (See Van Liempt, J. A. M., and Leydens, assignors.)
- Phillips, William E., Chicago, Ill., assignor to Link-Belt Company. Material handling apparatus. 1,996,488; Apr. 2.
- Phillips, William E., and W. W. Sayers, Chicago, Ill., assignors to Link-Belt Company. Material handling and preparation unit. 2,013,502; Sept. 3.
- Philippi, Arthur K., Wilbraham, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,006,478; July 2.
- Phillips, Albert J. (See Seavey, F. R., Phillips, and Olsen.)
- Phillips, Anthony J., Lower Southampton Township, Bucks County, Pa. Automatic reversing mechanism. 1,991,954; Feb. 19.
- Phillips, Cecil R., North Tonawanda, N. Y. Device for Company. Material handling apparatus. 1,996,488; Apr. 2.
- Phillips, Byron B., Stuyvesant Falls, N. Y. Airplane. 1,990,308; Feb. 5.
- Phillips, Chas. H., Chemical Co. (See Walton, Bruce, assignor.)
- Phillips, Clifford T., Red Hook, N. Y. Fruit thinner. 2,026,430; Dec. 31.
- Phillips, Clive S., assignor to Phillips Telescopic Taps Limited, London, England. Discharge valve for liquid containers. 2,021,807; Nov. 19.
- Phillips, David W., Chicago, Ill. Apparatus for investing dental casting patterns. 2,006,652; July 2.
- Phillips, David W., Chicago, Ill. Apparatus and method for investing dental patterns. 2,010,700; Aug. 6.
- Phillips, David W., Chicago, Ill. Apparatus for making precise dental castings. 2,011,649; Aug. 20.
- Phillips, Edward W., Flint, Mich. Electric heater. 2,002,714; May 28.
- Phillips, Everett, Leesburg, Va. Flying machine. 2,013,250; Sept. 3.
- Phillips, George E., Ben Avon, Pa., assignor to National Electric Products Corporation, New York, N. Y. Flexible armor for armored cables and flexible conduits. 1,987,794; Jan. 15.
- Phillips, George P., Belmont, Mass., assignor to The Dentists' Supply Company of New York, New York, N. Y. Artificial teeth. 2,006,717; July 2.
- Phillips, Harold P., Maplewood, Mo. Piston centralizing means. 2,007,691; July 9.
- Phillips, Harold P., Maplewood, assignor to Climax, Jones & Quinn Company, St. Louis, Mo. Piston ring end cutting machine. 2,014,812; Sept. 17.
- Phillips, Harold P., Maplewood, Mo. Antipiston slap means. 2,001,544; May 14.
- Phillips, Henry, Memphis, Tenn. Curtain plaiting and stitching machine. 1,993,799; Mar. 12.
- Phillips, Irving M., and P. W. Kalinsey, assignors to Continental Equipment Company, Chicago, Ill. Pump piston lubrication construction. 2,005,107; June 18.
- Phillips, John, Oakland, Calif. Internal combustion engine. 1,990,565; Feb. 12.
- Phillips, John H., Chicago, Ill. Anchoring device. 1,996,121; Apr. 2.
- Phillips, Octavia E., Santa Clara, Calif. Suit box. 2,004,509; June 11.
- Phillips Petroleum Company. (See Buell, A. E., and Schulze, assignors.)
- Phillips Petroleum Company. (See Chaney, L. V., and Schulze, assignors.)
- Phillips Petroleum Company. (See Defenbaugh, Loyd F., assignor.)
- Phillips Petroleum Company. (See Endacott, Paul S., assignor.)
- Phillips Petroleum Company. (See Frey, Frederick E., assignor.)
- Phillips Petroleum Company. (See Goodman, Isaac H., assignor.)
- Phillips Petroleum Company. (See Grantham, Lloyd B., assignor.)
- Phillips Petroleum Company. (See Moore, William P., assignor.)
- Phillips Petroleum Company. (See Riney, Arthur H., assignor.)
- Phillips Petroleum Company et al. (See Riney, A. H., and Gibbs, assignors.)
- Phillips Petroleum Company. (See Schulze, Walter A., assignor.)
- Phillips Petroleum Company. (See Schulze, W. A., and Chaney, assignors.)
- Phillips Petroleum Company. (See Thomas, Roswell W., assignor.)
- Phillips Petroleum Company. (See Thomas, R. W., and Harlow, assignors.)
- Phillips Refrigeration Products, Inc. (See Phillips, Walter C., assignor.)
- Phillips, Robert S., assignor to American Hair & Felt Company, Chicago, Ill. Felt punching machine. 2,004,709; June 11.
- Phillips, Ross M. G., West Haven, assignor to Malcolm P. Nichols, New Haven, Conn. Automatic circuit-control apparatus. 1,995,780; Mar. 26.
- Phillips, Ross S., Cleveland, and R. G. Carlin, Shaker Heights, assignors to The Cleveland Liner and Manufacturing Company, Cleveland, Ohio. Apparatus for coating, impregnating, laminating, and the like. 1,990,749; Feb. 12.
- Phillips, Steve, Uniontown, Pa. Scooter sled. 2,011,159; Aug. 13.
- Phillips Telescopic Taps Limited. (See Phillips, Clive S., assignor.)
- Phillips, Thomas G., et al. (See Hosking, George T., assignor.)
- Phillips & Van Brunt Co. (See Galvin, Raymond J., assignor.)
- Phillips, Walter C., assignor to Phillips Refrigeration Products, Inc., San Francisco, Calif. Portable car cooler. 2,019,796; Nov. 5.
- Phillips, William B., et al. (See Minton, Corwin R., assignor.)
- Phillips, William E., et al. (See Nickel, Frederick E., assignor.)
- Phillips, William H., Oak Park, Ill., assignor to Henry Pratt Co. Valve construction. 1,990,309; Feb. 5.
- Phillips, William A., Warren, Ohio, assignor to Beaver Pipe Tools, Incorporated. Saw guide and clamp. 2,024,111; Dec. 10.
- Phillips, William A., Warren, Ohio, assignor to Beaver Pipe Tools, Incorporated. Saw guide for pipes and similar articles. 2,024,112; Dec. 10.
- Phillimore, Charles E., Oak Park, Ill., assignor to Tobin Tool and Die Company, Fond du Lac, Wis. Motion picture camera. 2,019,767; Nov. 5.
- Philp, Lester P. (See Creeth, G. A., Philp, and Lindsay.)
- Philpott, La Verne R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Method of and apparatus for inductive heating. 1,991,062; Feb. 12.
- Philpott, La Verne R., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Airplane positioning system. 2,008,401; July 16.
- Phily, Fernand, Lyon, France. Electric drive for looms, weaving machines, and the like. 2,005,663; June 18.
- Phinn, George A., Pasadena, Calif. Antivibration device. 1,997,911; Apr. 16.
- Phinn, George A., Pasadena, Calif. Antiflapping device for porch curtains. 1,997,912; Apr. 16.
- Phinney, Edgar E., West Orange, assignor to Defiance Manufacturing Corporation, East Orange, N. J. Check writer. 2,021,327; Nov. 19.
- Phinney, Robert M., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system. 2,003,952; June 4.

- Phinney, Robert M., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,009,187; July 23.
- Phinney, Robert M., assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 2,019,462; Oct. 29.
- Phoenix, Ernest T., Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Yarn setting frame. 1,998,965; Apr. 23.
- Phoenix Hosiery Company. (See Thierfelder, Rudolph A., assignor.)
- Phoenix Hosiery Company. (See Weinholz, Gustav, assignor.)
- Phoenix Metal Cap Co. (See Pedersen, Oscar F., assignor.)
- Phoenix Trimming Company. (See Neff, Edward A., assignor.)
- Phosphate Recovery Corporation. (See Crago, A., and Motsinger, assignors.)
- Photo-Cast, Inc. (See Bennett, Charles W., assignor.)
- Photostat Corporation. (See Caps, A. W., and Landrock, assignors.)
- Photostat Corporation. (See Landrock, Paul, assignor.)
- "Physical Chemistry Research Cy". (See Michot-Dupont, Georges F., assignor.)
- Piatanesi, Finau, Chicago, Ill. Piano accordion. 2,003,953; June 4.
- Piazza, Louis C., Western Springs, Ill., assignor to Soundex Corporation. Wall and ceiling construction. 1,989,289; Jan. 29.
- Piazza, Thomas E. (See Jones, L. L., and Piazza.)
- Piazza, Thomas E. (See Jones, Lester L., and J., and Piazza.)
- Piazzoli, Louis P., Jr. (See McNamara, W. L., and Piazzoli.)
- Picard, Jean R., Marseilles, France. Movable support for dispensing beverages. 1,990,879; Feb. 12.
- Picard, John B. (See Mahan, J. R., and Picard.)
- Picard, John B., assignor to The National-Superior Company, Toledo, Ohio. Belt tightener. 2,008,646; July 16.
- Picard, John B., Toledo, Ohio, B. R. Schabarum, Tulsa, Okla., and G. F. Nolte, Springfield, assignors to The National-Superior Company, Toledo, Ohio. Rotary power-reversing mechanism. 2,021,134; Nov. 19.
- Picard, John B., Toledo, Ohio, B. R. Schabarum, Tulsa, Okla., and G. F. Nolte, Springfield, assignors to The National-Superior Company, Toledo, Ohio. Rotary power-reversing mechanism. 2,021,135; Nov. 19.
- Pichl, Anthony J., Jr. (See Pichl, Anthony J. and A. J., Jr.)
- Pichl, Anthony J. and A. J., Jr., St. Louis, Mo. Theft prevention apparatus. 1,986,216; Jan. 1.
- Pick, Eric, New York, N. Y., assignor to The Permutit Company, (1934), Wilmington, Del. Continuous automatic water softening. 2,003,757; June 4.
- Pick, Eric, New York, N. Y., assignor to The Permutit Company, (1934), Wilmington, Del. Heat exchanger. 2,003,758; June 4.
- Pick, Joseph, Carter Lake, Iowa. Sod treater. 2,020,571; Nov. 12.
- Pickard, Frank C., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,006,775; July 2.
- Pickard, Fred H., Roundhay, Leeds, England. Flat plate pressing machine for fabrics. 2,007,726; July 9.
- Pickard, Greenleaf W., Newton Center, Mass., assignor to Radio Corporation of America. Insulating casing condenser with horizontal stack. 1,994,533; Mar. 19.
- Pickard, Greenleaf W., Newton Center, Mass., assignor to Radio Corporation of America. Directive receiver. 2,026,359; Dec. 31.
- Pickens, Claude A., Spokane, Wash. Ironing machine. 2,026,248; Dec. 31.
- Pickering, Edythe M. (See Pickering, Harold B. and E. M.)
- Pickering, Harold B. and E. M., Manhasset, N. Y. Book-rack. 2,012,545; Aug. 27.
- Pickering, Jesse G., Jr., Clarksville, Tenn. Mouse trap. 1,998,521; Apr. 23.
- Pickett, Lloyd B., Brawley, Calif. Pitman bearing. 2,010,197; Aug. 6.
- Pickett, Louis, Irvington, N. J. Jaw-brace. 2,023,288; Dec. 3.
- Pickett, Oscar A., assignor to Hercules Powder Company, Wilmington, Del. Igniter powder. 2,008,866; July 16.
- Pickin, Rowland O., Los Angeles, Calif. Roller core drilling bit. 2,013,838; Sept. 10.
- Pickin, Rowland O., Los Angeles, Calif. Roller drilling bit. 2,013,839; Sept. 10.
- Pickop, George B., New Haven, Conn. Tool for working concrete and the like. 2,020,374; Nov. 12.
- Pickron, Hugo H., Rock Island, Ill. Motor testing apparatus. 2,014,115; Sept. 10.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Oil burner. 1,986,526; Jan. 1.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Hinge. 1,989,151; Jan. 29.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Stove construction. 1,991,519; Feb. 19.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Stove construction. 1,991,573; Feb. 19.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Stove door. 1,995,039; Mar. 19.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Broiler drawer. 2,021,019; Nov. 12.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Cabinet heater. 2,021,581; Nov. 19.
- Pidgeon, John V., assignor to Pillsbury Flour Mills Company, Minneapolis, Minn. Sifting and directing device for flexible containers. 2,017,256; Oct. 15.
- Pie Bakeries, Inc. (See Birkenbauer, Frederick W., assignor.)
- Pielicke, Karl W., Detroit, Mich. Internal combustion engine. 2,013,840; Sept. 10.
- Pieper, Anthony F. (See Gerlat, A. E., Hoppe and Pieper.)
- Pieper, Chester R., La Crosse, Wis. Guy anchor. 2,005,239; June 18.
- Pieper, Ernest, Berlin-Tempelhof, and W. Wolfenstein, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Manufacture of a nutrient medium. 2,004,673; June 11.
- Pieper, Henri, Brussels, Belgium. Brake controlling device. 2,010,273; Aug. 6.
- Pieper, Oscar H., Rochester, N. Y. Dental apparatus. 2,021,518; Nov. 19.
- Pieper, Oscar H., Rochester, N. Y. X-ray machine. 2,024,182; Dec. 17.
- Pier Equipment Manufacturing Co. (See Fieberts, Edward C., assignor.)
- Pier, Mathias. (See Krauch, C., and Pier.)
- Pier, Mathias, Heidelberg, Germany, assignor, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Production of hydrocarbons of high boiling point range. 1,988,019; Jan. 15.
- Pier, Mathias, Heidelberg, Germany, assignor, by mesne assignments, to Standard I-G. Company, Linden, N. J. Destructive hydrogenation of carbonaceous materials. 1,989,822; Feb. 5.
- Pier, Mathias, Heidelberg, W. Kroenig, and W. Simon, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Production of valuable hydrocarbons. 1,990,708; Feb. 12.
- Pier, Mathias, Heidelberg, and H. Lemme, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Conversion of liquid carbonaceous materials into hydrocarbons of low boiling point. 1,993,226; Mar. 5.
- Pier, Mathias, Heidelberg, and W. Dinkler, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Apparatus for and improvement in carrying out chemical processes at elevated temperatures. 1,995,647; Mar. 26.
- Pier, Mathias, Heidelberg, and W. Simon, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purification of polynuclear aromatic hydrocarbons. 1,999,738; Apr. 30.
- Pier, Mathias, Heidelberg, and A. Eisenhut, Heidelberg-Wieblingen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of high quality lubricating oils. 2,018,871; Oct. 29.
- Pierce, Arthur G., Quincy, assignor to Atlantic Register Company, Waltham, Mass. Aligning device for manifold typewriters. 2,005,693; June 18.
- Pierce, Burt N., assignor to Emerol Manufacturing Co., New York, N. Y. Support for sight feed lubricating device. 2,007,502; July 9.
- Pierce, Ella L. (See Pierce, Guy C., assignor.)
- Pierce, Ernest W., Richmond, Va. Heating apparatus. 1,994,026; Mar. 12.
- Pierce, Ernest W., Richmond, Va. Heating system. 2,026,399; Dec. 31.
- Pierce, Florence B. (See Marshall, St. Julien R., as assignor.)
- Pierce Foundation, John B. (See Davison, Robert L., assignor.)
- Pierce, Frank M., Miami, Fla. Amusement device. 2,019,797; Nov. 5.
- Pierce, George W., Cambridge, Mass. Electric filter. 1,997,599; Apr. 16.
- Pierce, George W., Cambridge, Mass. Electro-magnetostrictive vibrator. 2,014,410; Sept. 17.
- Pierce, George W., Cambridge, Mass. Apparatus for electromagnetostrictive transmission and reception. 2,014,411; Sept. 17.
- Pierce, George W., Cambridge, Mass. Magnetostrictive transmitter. 2,014,412; Sept. 17.
- Pierce, George W., Cambridge, Mass. Magnetostrictive receiver. 2,014,413; Sept. 17.
- Pierce, Guy C., assignor to E. L. Pierce, Los Angeles, Calif. Disintegrating material. 2,021,376; Nov. 19.
- Pierce, Harold C., Anaheim, Calif., assignor to Food Machinery Corporation. Box stacker. 2,005,906; June 25.
- Pierce, Harry, assignor to The Pilgrim Laundry, Inc., Brooklyn, N. Y. Cutting and gumming machine. 2,022,521; Nov. 26.
- Pierce, Harvey T., Dayton, assignor, by mesne assignments, to Central United National Bank, Cleveland, Ohio. Electrically operated flag shaft throwing mechanism. 2,015,961; Oct. 1.
- Pierce, James M., Ogden, Utah. Scraper toy. 2,021,429; Nov. 19.
- Pierce, Jeremiah A. (See Connolly, G. C., and Pierce.)
- Pierce, John B., Foundation. (See Davison, Robert L., assignor.)
- Pierce, John B., Foundation. (See Dunning, Neal M., assignor.)
- Pierce, Lee D., Fulton, N. Y. Paper container. 2,023,182; Dec. 3.

- Pierce, Raymond C., assignor to General American Tank Car Corporation, Chicago, Ill. Tank car. 1,988,808; Jan. 22.
- Pierce, Raymond C., Chicago, Ill., assignor to General American Tank Car Corporation. Automobile-car. 2,009,149; July 23.
- Pierce, Silas W., Benton Harbor, Mich., assignor to Remington Rand Inc., Buffalo, N. Y. Finger print recorder. 2,006,744; July 2.
- Pierce, William H. (See Fisher, R. D., and Pierce.)
- Pieron, Hugo, Biemenhorst, near Bocholt, Germany. Silencer for internal combustion engines. 1,990,249; Feb. 5.
- Piersol, Robert J., Champaign, Ill. Briquetting coal. 2,021,020; Nov. 12.
- Pierson, Charles A., assignor to The Standard Electric Stove Company, Toledo, Ohio. Thermostatic control for electric circuits. 2,023,544; Dec. 10.
- Pierson, George, et al. (See Rassmann, Hugo C., assignor.)
- Pierson, Gordon G., Lansdale, Pa., assignor to Perkins Glue Company. Glue. 1,989,150; Jan. 29.
- Pierson, Gordon G., Lansdale, Pa., assignor to Perkins Glue Company. Glue and glue base. 2,023,973; Dec. 10.
- Pierson, Henry C., Quincy, assignor of one-third to R. W. Locklin, River Junction, and one-third to H. E. Pierson, Quincy, Fla. Safety switch. 2,013,251; Sept. 3.
- Pierson, Henry E., et al. (See Pierson, Henry C., assignor.)
- Pierson, Hilding L., Brooklyn, assignor to Silent American Ticket Machine Co., Long Island City, N. Y. Ticket issuing machine. 1,992,767; Feb. 26.
- Pierson, Maynard B., Jackson, Mich. Ice pick. 1,988,807; Jan. 22.
- Pierson, Olof P., Caribou, Maine. Air servicing device. 2,026,249; Dec. 31.
- Pierson, Roy N., and C. H. Carlson, assignors to Russell-Miller Milling Company, Minneapolis, Minn. Bag sealing machine. 1,998,287; Apr. 16.
- Pierson, William, et al. (See Moore, Samuel, assignor.)
- Pietsch, Karl. (See Baudouin, C., and Pietsch.)
- Pietsch, Albert, Solln, near Munich, Germany, assignor to Elektrochemische Werke Munchen A. G., Hollriegelskreuth, near Munich, Germany. Preparation of hydrogen peroxide. 2,015,040; Sept. 17.
- Pietsch, Frank H. (See Campbell, S. H., and Pietsch.)
- Pietsch, Frank H. (See Campbell, S. H., Habenicht, and Pietsch.)
- Pietsch, Frank H., F. K. Habenicht, and S. H. Campbell, assignors to Railway Devices Company, St. Louis, Mo. Card holder and protector. 1,995,040; Mar. 19.
- Pietzsch, Kurt F. (See Jaeger, A. O., and Pietzsch.)
- Pietzsch, Joseph, St. Louis, Mo. Orthopedic shoe heel. 2,016,215; Oct. 1.
- Pignaneu, Gérard P., Paris, France. Servo-brake. 2,009,275; July 23.
- Piggott, Henry A., Cheddle Hulme, England, assignor to Imperial Chemical Industries Limited. Heterocyclic nitrogen compounds. 2,016,836; Oct. 8.
- Piggott, Henry A., and E. H. Rodd, Blackley, Manchester, assignors to Imperial Chemical Industries, Limited, Westminster, England. Manufacture of indoles. 2,006,718; July 2.
- Pignatelli d' Aragon, Ludovic, Nice, France. Target. 2,016,989; Oct. 8.
- Pignanelli, Luigi, Portland, Oreg., by judicial change of name Louis Pinell. Shoe construction. 1,993,113; Mar. 5.
- Pigott, Reginald J. S., Pittsburgh, Pa., assignor to Gulf Research & Development Corporation, Wilmington, Del. Variable orifice choke valve. 1,986,600; Jan. 1.
- Pigott, Reginald J. S., assignor, by mesne assignments, to Gulf Research & Development Corporation, Pittsburgh, Pa. Variable volume pump and hydraulic transmission. 1,990,750; Feb. 12.
- Pigott, Reginald J. S., Pittsburgh, Pa., assignor to Gulf Research & Development Corporation, Wilmington, Del. Packing. 1,993,721; Mar. 5.
- Pigott, Reginald J. S., assignor, by mesne assignments, to Gulf Research & Development Corporation, Pittsburgh, Pa. Fluid pressure test gauge. 2,013,252; Sept. 3.
- Pigott, Reginald J. S., Pittsburgh, Pa., assignor to Gulf Research & Development Corporation, Wilmington, Del. Deep well pumping and pump. 2,022,781; Dec. 3.
- Pigott, Reginald J. S., and G. W. Rusler, assignors, by mesne assignments, to Gulf Research & Development Corporation, Pittsburgh, Pa. Bottom hole pressure bomb. 1,998,996; Apr. 23.
- Pike, Alden. (See Kelly, J. P., and Pike.)
- Pike, Eugene W., Sr., Arlington, N. J. Moistening device. 2,016,216; Oct. 1.
- Pike, Francis G., Wichita, Kans. Tire tool. 1,990,000; Feb. 5.
- Pike, Reginald, Philadelphia, Pa. Full fashioned knit stocking. 2,004,216; June 11.
- Pike, Robert D., Piedmont, and W. P. Stanton, Berkeley, Calif. Apparatus for cooling draught beverages. 2,008,154; July 16.
- Pikul, Joseph, Troy, N. Y., assignor to The Reece Button Hole Machine Company, Boston, Mass. Buttonhole sewing machine. 1,988,460; Jan. 22.
- Pikul, Joseph H., assignor to The Reece Button Hole Machine Company, Boston, Mass. Sewing machine. 2,021,636; Nov. 19.
- Pilblad, Eric J., and C. C. Strange, Rockville Center, N. Y. Brake locking device for motor vehicles. 2,016,837; Oct. 8.
- Pilcher, Charles F., St. Louis, Mo. Motor vehicle transmission control. 2,005,389; June 18.
- Pilcher, J. V., Mfg. Co. (See Babbitt, John F., assignor.)
- Pilcher, William D. (See Stapleton, D. R., and Pilcher.)
- Pilger, Emil F., assignor to Snap-On Tools, Inc., Kenosha, Wis. Universal joint. 2,005,202; June 18.
- Pilgrim Laundry, Inc., The. (See Pierce, Harry, assignor.)
- Pilkington Brothers Limited. (See Waldron, Frederic B., assignor.)
- Pilkington, William, Beckley, W. Va. Car stop. 2,007,613; July 9.
- Pilla, Luciano E., New York, N. Y. Designing and constructing coat sleeves. 1,986,217; Jan. 1.
- Pillatsch, John B., Aurora, Ill. Coupling. 1,992,580; Feb. 26.
- Pilling, John E., Providence, R. I. Composition for use in soldering chain links. 2,003,865; June 4.
- Pilliod Company, The. (See Judson, Alfred O., assignor.)
- Pillsbury, Alfred F., executors, et al. (See Cullen, H. E., and Ronning.)
- Pillsbury Flour Mills Company. (See Pidgeon, John V., assignor.)
- Pinder, Thomas F., Merion, Pa. Apparatus for preventing print offset. 2,017,257; Oct. 15.
- Pine-Felt Corporation, The. (See Ratliff, Albert T., assignor.)
- Pine, James C. (See Smith, M. G., and Pine.)
- Pine, Paul R., Elyria, assignor to The Harshaw Chemical Company, Cleveland, Ohio. Electro-deposition of tin. 1,987,749; Jan. 15.
- Pine, William B. (See Isham, Robert M., assignor.)
- Pinell, Louis, by official change of name from Luigi Pignanelli. (See Pignanelli, Luigi.)
- Pinet, Leon, New York, N. Y. Shirt. 1,999,915; Apr. 30.
- Pines Winterfront Company. (See Hoag, Martin, assignor.)
- Pines Winterfront Company. (See Petersen, Edgar G., assignor.)
- Pingenot, August C., Houston, Tex. Metallic structure. 1,988,253; Jan. 15.
- Pink, Clarence E., Cambridge, Md. Fabric. 1,992,883; Feb. 26.
- Pink, Clarence E., Cambridge, Md. Fabric. 1,992,884; Feb. 26.
- Pink, Clarence E., Cambridge, Md. Fabric. 1,995,222; Mar. 19.
- Pink, Clarence E., Cambridge, Md. Wire fabric. 2,013,581; Sept. 3.
- Pink, Clarence E., Cambridge, Md. Spiral fabric. 2,017,014; Oct. 8.
- Pinkeburg, Heinrich F., Newtown Square, Pa. Vending machine. 2,010,373; Aug. 6.
- Pinkerton, H. D., et al. (See Mikulic, Milos N., assignor.)
- Pinkler, Arthur P., Newark, N. J. Control for automobile lighting systems. 1,999,781; Apr. 30.
- Pinkus, Abraham S., New York, N. Y. Electric switch. 1,992,922; Feb. 26.
- Pinkus, Abraham S., New York, N. Y. Switch. 1,992,923; Feb. 26.
- Pinkus, Abraham S., New York, N. Y. Starting switch. 1,992,924; Feb. 26.
- Pinless Shirt Folding Co. (See McEwen, Norman S., assignor.)
- Pinney, Edwin M., Los Angeles, Calif. Portable automobile desk. 1,991,029; Feb. 12.
- Pinney, Harry H., Cleveland Heights, Ohio, and W. H. Klocke, Woodhaven, N. Y. Liquid container and making same. 2,016,512; Oct. 8.
- Pinuti, Giuseppe F., New York, N. Y. Necktie. 1,991,334; Feb. 12.
- Pinto, Donato, et al. (See Graziano, Joseph, assignor.)
- Pioch, Carl E., Detroit, Mich., assignor to Wheel Tracing Tool Co. of Delaware. Dressing tool. 1,992,768; Feb. 26.
- Pioch, William F. (See Groven, F. J., and Pioch.)
- Pioneer Instrument Company. (See Carbonara, Victor E., assignor.)
- Pioneer Instrument Company. (See Reichel, Wladimir A., assignor.)
- Pioneer Instrument Company. (See Urfer, Adolf, assignor.)
- Pioneer Sand & Gravel Company. (See Perry, Lewis A., assignor.)
- Pioneer Suspender Company. (See Duffy, James T., Jr., assignor.)
- Pipal, Joseph A., Los Angeles, Calif. Javelin. 1,994,089; Mar. 12.
- Piper, C. O., et al., receivers. (See Bosma, Alfred S., assignor.)
- Piper, Ralph W., Uxbridge, England, assignor to Radio Corporation of America. Holder for thermionic valves and the like. 2,007,660; July 9.
- Piper, Walter F., Oak Park, assignor to The Beardsley & Piper Company, Chicago, Ill. Sand handling apparatus. 1,997,392; Apr. 9.
- Piper, Walter F., Oak Park, assignor to The Beardsley & Piper Company, Chicago, Ill. Shake out apparatus for foundry flasks. 2,004,292; June 11.
- Piper, Walter F., Oak Park, assignor to The Beardsley & Piper Company, Chicago, Ill. Shaking out flasks. 2,004,293; June 11.

- Piperoux, Rene P. (See Walsh, J. F., and Piperoux.)
 Piperoux, Rene P., Radburn, N. J., assignor to Celluloid Corporation. Sectional display case. 1,992,630; Feb. 26.
- Pipes, Limited. (See Hutchinson, John H., assignor.)
 Pipkin, Wilbur A., Safety Harbor, Fla. Method and machine for extracting oil from the peels of citrus fruit. 2,004,056; June 4.
- Pippert, Willis J., Riddellville, Maine. Packaged product and closure therefor. 2,021,609; Nov. 19.
- Piqua Hosiery Company, Inc., The. (See Flesh, Alfred L., assignor.)
 Piqua Hosiery Company, The. (See Ide, Walter D., assignor.)
- Piquerez, Emile, Paris, France. Apparatus for testing the brakes of a motor vehicle. 1,995,578; Mar. 26.
- Piquerez, Emile, Paris, France, assignor, by mesne assignments, to Tecalemit, Limited, Brentford, England. Flexible joint and making same. 1,992,631; Feb. 26.
- Pirani, Marcello, and K. Nitschke, Berlin-Wilmersdorf, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,009,201; July 23.
- Pirani, Marcello, Berlin-Wilmersdorf, and H. Krefft, Berlin-Schmargendorf, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,009,202; July 23.
- Pirani, Marcello, Berlin-Wilmersdorf, M. Reger, Berlin-Charlottenburg, and A. Fehse, Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,009,203; July 23.
- Pirani, Marcello, Berlin-Wilmersdorf, and M. Reger, Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,020,736; Nov. 12.
- Pirani, Marcello, Berlin-Wilmersdorf, and A. Rüttenauer, Berlin-Halensee, Germany, assignors to General Electric Company. Gaseous electric discharge arc lamp. 2,020,737; Nov. 12.
- Pirani, Marcello, Berlin-Wilmersdorf, H. Ewest, Berlin, and G. Gaidies, Berlin-Pankow, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,004,585; June 11.
- Piron, Emil H., assignor to The Detroit Edison Company, Detroit, Mich. Thermostat. 2,006,178; June 25.
- Piron, Fernand, Woonsocket, R. I. Spinning machine. 1,990,613; Feb. 12.
- Pirwitz, Emil, Riga, Latvia. Safety razor. 2,018,147; Oct. 22.
- Pisacano, Albert C., Yonkers, N. Y. Device for imparting rotating motion to toys. 2,012,729; Aug. 27.
- Pisow, Bruno H., Bayside, N. Y. Combination opener and stopper. 1,999,254; Apr. 30.
- Pissis, Cora, San Francisco, Calif. Safety light for automobiles. 2,010,374; Aug. 6.
- Pistilli, Joseph C., Meriden, Conn. Belting. 2,016,973; Oct. 8.
- Pistorius, Anna, Chicago, Ill. Folded object. 2,012,400; Aug. 27.
- Pitcairn, Harold F., Bryn Athyn, assignor to Autogiro Company of America, Willow Grove, Pa. Aircraft having air-rotated wings. 1,997,600; Apr. 16.
- Pitcher, Elmer C. (See Fredericksen, Axel L., assignor.)
 Pitcher, Elmer C., Hayward, Calif., assignor to Falkiner Cane Harvester Corporation of America, New York, N. Y. Cane harvesting machine. 1,990,250; Feb. 5.
- Pitman, Earle C. (See Hemming, C. B., and Pitman.)
 Pitman, Earle C., Princeton, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Insulated electric conductor. 2,000,095; May 7.
- Pitman, Henry L., Westfield, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,998,789; Apr. 23.
- Pitman, Henry L., Westfield, N. J., assignor, by mesne assignments, to Ralph C. Coxhead Corporation, New York, N. Y. Making type shuttles for typewriting machines. 2,010,032; Aug. 6.
- Pitman, Henry L., Westfield, N. J., assignor, by mesne assignments, to Ralph C. Coxhead Corporation, New York, N. Y. Die used in making type shuttles for typewriting machines. 2,010,033; Aug. 6.
- Pitman, Henry L., Westfield, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,023,487; Dec. 10.
- Pitman, John C., Saugus, Mass. Frying kettle. 2,000,609; May 7.
- Pitman, La Roy E., and J. E. Aronson, assignors to McRae & Keeler Company, Attleboro, Mass. Combined cigarette and vanity case. 2,014,696; Sept. 17.
- Pitman, Richard W., Westfield, assignor to Automatic Phonograph Corporation, Newark, N. J. Multiple record phonograph. 2,013,927; Sept. 10.
- Pitre, Andre, Brooklyn, N. Y. Amusement and exercising device. 2,000,250; May 7.
- Pitre, Camille R., New Orleans, La. Gasoline engine. 2,011,591; Aug. 20.
- Pitt, Herbert W., Acton, London, England. Automatic lubrication system. 1,996,080; Apr. 2.
- Pittaluga, Stefano, San Leandro, Calif. Fruit and vegetable juice filling machine. 2,005,471; June 18.
- Pittenger, Paul S., assignor to Sharp & Bohme, Incorporated, Philadelphia, Pa. Apparatus for cleaning bottles. 2,003,668; June 4.
- Pittlick, Hermann, deceased, Herne-Sodingen, O. Pittlick, née Liebner, administratrix, assignor to Hochdruck Apparate-Bau G. m. b. H., Dortmund, Germany. Pressure releasing device. 2,012,319; Aug. 27.
- Pittlick, Olga (née Liebner), administratrix. (See Pittlick, Hermann.)
- Pittman, Ernest W., assignor to The Petroleum Iron Works Company of Texas, Beaumont, Tex. Oil and gas separator. 1,994,110; Mar. 12.
- Pittman, Ralph R., Pine Bluff, Ark. Excess-voltage protective structure. 2,002,042; May 21.
- Pittman, Ralph R., Pine Bluff, Ark. Over-voltage protective device. 2,003,954; June 4.
- Pittman, Ralph R., Pine Bluff, Ark. Insulator bracket. 2,018,532; Oct. 22.
- Pittman, Ralph R., Pine Bluff, Ark. Conductor support. 2,022,386; Nov. 26.
- Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Circuit interrupter. 2,025,525; Dec. 24.
- Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Fuse-link. 2,026,059; Dec. 31.
- Pittman, Walter F. (See Ford, G. F., and Pittman.)
 Pittner, Karl J. (See Bredl, Louis J., assignor.)
 Pittoni, Angelo, Lynbrook, assignor to The Rome Company, Inc., Rome, N. Y. Bed spring. 2,008,185; July 16.
- Pitts, Frederick W., assignor to Michigan Steel Corporation, Detroit, Mich. Apparatus for treating steel. 2,008,187; July 16.
- Pitts, Joseph E., Oakland, Calif. Bookbinding. 1,989,290; Jan. 29.
- Pittsburgh Des Moines Steel Company. (See Anderson, Lloyd E., assignor.)
- Pittsburgh Equitable Meter Company. (See Armstrong, James R., assignor.)
- Pittsburgh Equitable Meter Company. (See Hutt, Albert E., assignor.)
- Pittsburgh Equitable Meter Company. (See Linderman, Garrett B., Jr., assignor.)
- Pittsburgh Equitable Meter Company. (See MacLean, A. D., and Parker, assignors.)
- Pittsburgh Equitable Meter Company. (See MacLean, A. D., Parker, and Siebert, assignors.)
- Pittsburgh Equitable Meter Company. (See McCandless, Lyon, assignor.)
- Pittsburgh Equitable Meter Company. (See Parker, Walter H., assignor.)
- Pittsburgh Equitable Meter Company. (See Parker, W. H., and Siebert, assignors.)
- Pittsburgh Equitable Meter Company. (See Parker, W. H., Siebert, and MacLean, assignors.)
- Pittsburgh Equitable Meter Company. (See Weymouth, Harry G., assignor.)
- Pittsburgh Plate Glass Company. (See Black, Lloyd V., assignor.)
- Pittsburgh Plate Glass Company. (See Brown, Christopher, assignor.)
- Pittsburgh Plate Glass Company. (See Burdett, C. F., and Owen, assignors.)
- Pittsburgh Plate Glass Company. (See Currier, F. W., and Toney, assignors.)
- Pittsburgh Plate Glass Company. (See Ely, William G., Jr., assignor.)
- Pittsburgh Plate Glass Company. (See Fox, John H., assignor.)
- Pittsburgh Plate Glass Company. (See Fox, J. H., and Heichert, assignors.)
- Pittsburgh Plate Glass Company. (See Fox, J. H., and Kutchka, assignors.)
- Pittsburgh Plate Glass Company. (See Galey, Henry J., assignor.)
- Pittsburgh Plate Glass Company. (See Gelstharpe, Frederick, assignor.)
- Pittsburgh Plate Glass Company. (See Gelstharpe, F., and Koupal, assignors.)
- Pittsburgh Plate Glass Company. (See Gregorius, Joseph S., assignor.)
- Pittsburgh Plate Glass Company. (See Halbach, Howard L., assignor.)
- Pittsburgh Plate Glass Company. (See Harrington, Alfred L., assignor.)
- Pittsburgh Plate Glass Company. (See Heichert, Herman S., assignor.)
- Pittsburgh Plate Glass Company. (See Kutchka, Karl G., assignor.)
- Pittsburgh Plate Glass Company. (See McLeod, John D., assignor.)
- Pittsburgh Plate Glass Company. (See Miles, Ewell C., assignor.)
- Pittsburgh Plate Glass Company. (See Miller, Robert A., assignor.)
- Pittsburgh Plate Glass Company. (See Miller, R. A., and Black, assignors.)
- Pittsburgh Plate Glass Company. (See Miller, R. A., and Gelstharpe, assignors.)
- Pittsburgh Plate Glass Company. (See Owen, William, assignor.)
- Pittsburgh Plate Glass Company. (See Parkinson, J. C., and Hamill, assignors.)
- Pittsburgh Plate Glass Company. (See Ruch, Walter, assignor.)
- Pittsburgh Plate Glass Company. (See Showers, L., and Kutchka, assignors.)
- Pittsburgh Plate Glass Company. (See Tasher, Fred, assignor.)
- Pittsburgh Plate Glass Company. (See Toney, Edward F., assignor.)
- Pittsburgh Plate Glass Company. (See Watt, John A., assignor.)

- Pittsburgh Research Corporation. (See Moore, William E., assignor.)
- Pittsburgh Screw & Bolt Corporation. (See Costin, W. G., and Horton, assignors.)
- Pittsburgh Screw & Bolt Corporation. (See Graham, H. C., and Peirce, assignors.)
- Pittsburgh Screw & Bolt Corporation. (See McKee, James H., assignor.)
- Pittsburgh Steel Company. (See Shaffer, William H., Jr., assignor.)
- Pittsburgh Steel Drum Company. (See Jesser, Albert E., assignor.)
- Pittsburgh Trust Company, executor. (See Foster, W. D., and Parmelee.)
- Pityo, Albert F., Clifton, and J. F. Mitchell, Parsippany, N. J. Container cover. 2,003,307; June 4.
- Pityo, Albert F., Clifton, and J. F. Mitchell, Parsippany, assignors to The Tri-State Tool Company, Inc., Newark, N. J. Container cover and material therefor. 2,015,907; Oct. 1.
- Pitzer, Mose B., and N. M. Huffaker, Monahans, Tex. Treating oil and gas wells. 1,991,293; Feb. 12.
- Pizza, Toby, and G. A. Gilles, Toledo, Ohio. Extension last for shoe repair work. 2,014,981; Sept. 17.
- Pixler, John A., Benkelman, Nebraska. Interference reducing apparatus for radioreceivers. 1,998,058; Apr. 16.
- Placco, Oscar F., Cranston, R. I., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Ornamental jewelry construction. 2,012,401; Aug. 27.
- Placco, Oscar F., Cranston, R. I., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Ornamental clasp. 2,021,200; Nov. 19.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Finishing automobile or similar bodies. 1,989,559; Jan. 29.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Securing floor coverings and the like. 1,991,259; Feb. 12.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Securing trim panels and fastener therefor. 1,992,092; Feb. 19.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Spring fastener. 1,992,093; Feb. 19.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Nonperforated channel assembly. 2,000,147; May 7.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Securing trim panels. 2,020,206; Nov. 5.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,024,805; Dec. 17.
- Place, Josiah W., West Orange, N. J., assignor to United States Gauge Company, New York, N. Y. Hydraulic gauge construction. 1,986,068; Jan. 1.
- Place, Josiah W., West Orange, N. J., E. Aschenbach, Sellersville, and H. J. Hartley, Lansdale, Pa., assignors to United States Gauge Company, Sellersville, Pa. Electrical equipment for gauges. 2,008,627; July 16.
- Place, Roland P., Company. (See Place, Roland P., assignor.)
- Place, Roland P., assignor to Roland P. Place Company, Midland, Mich. Stoker. 2,015,285; Sept. 24.
- Placide, Henry, Baltimore, Md. Coupling and coupling device. 2,009,679; July 30.
- Planck, Russell M., Jackson, Mich., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automatic volume controls for radio receiving sets. 2,004,294; June 11.
- Planck, Russell M., Jackson, Mich., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Control for coupling devices. 2,015,191; Sept. 24.
- Planeta, Paul H., Hicganum, Conn. Lamp shade support. 2,022,522; Nov. 26.
- Planeta, John F., assignor to R. C. Planeta, Hicganum, Conn. Forming frames from wire. 2,023,743; Dec. 10.
- Planeta, Rudolph C. (See Planeta, John F., assignor.)
- Plano-Finishing Company. (See Kirby, W. W., Scott, and Wagner, assignors.)
- Plant, John H. G. (See Finlayson, D., and Plant.)
- Plant, Leland G., Chicago, Ill. Conveying and elevating mechanism. 1,993,800; Mar. 12.
- Planta, Giulio U., Brussels, Belgium. Device for detecting metals, etc. 2,012,479; Aug. 27.
- Plas Construction Company, The. (See Plas, Lawrence P., assignor.)
- Plas, Lawrence P., assignor to The Plas Construction Company, Elyria, Ohio. Scattering machine for road making material. 1,998,966; Apr. 23.
- Plaschka, Karl, Vienna, Austria. Muffle for use in connection with the casting of precious metals. 2,006,148; June 25.
- Plass, Curtis E. (See Lamplough, L. F., and Plass.)
- Plass, William C., St. Louis, Mo. Transportation. 2,018,087; Oct. 22.
- Plastergon Wall Board Company. (See Fletcher, John, assignor.)
- Plastix Corporation. (See Megis, Joseph V., assignor.)
- Plathner, Walter, Berlin-Schöneweide, and K. Kettner, Berlin, Germany, assignors to General Electric Company. Electric system. 2,008,515; July 16.
- Platinum Products Company. (See Andrews, A. M., and Aaron, assignors.)
- Platinum Products Corporation. (See Schmitt, George P., assignor.)
- Plato, Gerhardt, Chicago, Ill. Rotary fluid driven motor. 2,000,984; May 14.
- Platt Bros. & Co., The. (See Hart, Howard P., assignor.)
- Platt, Charles C., New York, N. Y. Hose supporter. 1,991,172; Feb. 12.
- Platt, Cornelius E., Windsor, Ontario, Canada, assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring structure. 2,021,430; Nov. 19.
- Platt, Haviland H., New York, N. Y., assignor to Frederick W. Wilkening, Philadelphia, Pa. Aircraft. 2,004,961; June 18.
- Platt, Herbert. (See Dreyfus, C., and Platt.)
- Platt, Herbert, Cumberland, Md., assignor to Celanese Corporation of America. Pile fabric and treating the same. 2,020,698; Nov. 12.
- Platt Iron Works, Inc. (See Wells, E. C., and Krueger, assignors.)
- Platt, John W., Waterville, Conn. Adjustable flush valve bracket. 1,991,907; Feb. 19.
- Platt, Stephen A. (See Bennett, J. L., and Platt.)
- Platt, Stephen A., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Fly swatter. 2,023,209; Dec. 3.
- Platt, Washington, Syracuse, assignor to The Borden Company, New York, N. Y. Infant food. 2,015,496; Sept. 24.
- Platt, William C., Ontario, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Extracting pectin. 2,020,572; Nov. 12.
- Platten, Maxwell G., Los Angeles, Calif. Differentially leaching ores to separate lead and other metals from zinc sulphide. 2,021,896; Nov. 26.
- Platter, Orval R., assignor to North Vernon Industries, Inc., North Vernon, Ind. Chair. 2,020,207; Nov. 5.
- Platter, Orval R., assignor to North Vernon Industries, Inc., North Vernon, Ind. Deck chair. 2,021,808; Nov. 19.
- Plausics, Alexander. (See Beardsley, B., and Plausics.)
- Plautz, Harry, assignor to Hummel & Downing Co., Milwaukee, Wis. Container partition. 1,995,482; Mar. 26.
- Pleasanton, Eugene S., Ossining, N. Y., assignor to Automatic Drive & Transmission Company, Gloucester City, N. J. Automatic clutch mechanism. 2,017,989; Oct. 22.
- Plebanski, Josef, Warsaw, Poland, assignor to Radio Patents Corporation, New York, N. Y. Frequency multiplication system. 2,025,610; Dec. 24.
- Flechl, Otto, Pfaffstatten, Austria, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Remote control system. 1,989,496; Jan. 29.
- Pleger, John J., Wharton, Ill. Printing or stamping device. 1,987,870; Jan. 8.
- Pleister, Henry W., Westfield, N. J. Spring toggle bolt. 2,013,503; Sept. 3.
- Pleister, Henry W., Westfield, assignor to H. B. Newhall Corporation, Garwood, N. J. Bolt anchor. 1,993,749; Mar. 12.
- Pleister, Henry W., Westfield, and J. Karitzky, Garwood, N. J., assignors to Henry B. Newhall Corporation, Garwood, N. J. Bolt anchor. 2,004,480; June 11.
- Plepp, Gaston, Wolfen Kreis Bitterfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of artificial sponge. 2,011,160; Aug. 13.
- Plese, Anthony J., Joliet, Ill. Pantograph. 2,021,809; Nov. 19.
- Pless, Julius. (See Blenestock, M., Csáki, Pless, and A. and E. Sági.)
- Plessey Company Limited, The. (See Packman, Percival J., assignor.)
- Plenthner, Charles, assignor, by mesne assignments, to Martin & Schwartz, Inc., Buffalo, N. Y. Price sign. 2,010,274; Aug. 6.
- Plevyak, Joseph B., Carbondale, Pa. Tensioning device for shuttles. 2,002,866; May 28.
- Plews, William J., New York, N. Y., assignor of one-half to Lektophone Corporation, Jersey City, N. J. Producing food products. 1,990,917; Feb. 12.
- Plibrico Jointless Fibrebrick Company. (See Anderson, John E., assignor.)
- Plimmer, Alfred G., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,991,771; Feb. 19.
- Plimmer, Alfred G., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,010,375; Aug. 6.
- Plint, Joseph. (See Gorton, W. S., Plint, and Nyberg.)
- Plishker, Herbert E., New York, and M. M. Einson, Yonkers, N. Y., assignors to Elinson-Freeman Co. Inc. Display device. 1,987,418; Jan. 8.
- Plitt, Albert F., Bryan, Ohio. Dial test indicator. 1,994,833; Mar. 19.
- Plochman, Carl M., Evanston, assignor to B. H. Harrison and C. M. Plochman, copartners, Cicero, Ill., doing business as Plochman & Harrison. Merchandising package. 1,993,978; Mar. 12.
- Plochman & Harrison. (See Plochman, Carl M., assignor.)
- Plochman, Margaret W., et al. (See Plochman, Carl M., assignor.)
- Ploeger, Clyde E. (See Kuenzli, W. A., and Ploeger.)
- Ploeger, Clyde E. (See Peltier, F. D., and Ploeger.)
- Ploen, Curtis W. (See Hollingshead, A. G., and Ploen.)
- Ploen, Curtis W., assignor to The Okadee Company, Chicago, Ill. Blow-off muffler. 1,993,895; Mar. 12.
- Ploetz, Ernst. (See Koeberle, K., and Ploetz.)

- Plön, Max, Basel, Switzerland. Apparatus for cleaning, waxing, and polishing floors and the like. 1,997,913; Apr. 16.
- Plugge, John A., Washington, D. C. Light compensator. 2,017,869; Oct. 22.
- Plumb, James J., Spokane, Wash. Compound tool. 2,025,473; Dec. 24.
- Plummer, Donald E. (See Plummer, Ezra G. and D. E.)
- Plummer, Ezra G. and D. E., Altoona, Iowa. Miniature automobile. 1,994,005; Mar. 12.
- Plummer, Henry L. (See Dietz, J. B., and Plummer.)
- Plummer, Henry L., Philadelphia, and L. F. Stone, Morton, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cured tung oil acid. 2,011,908; Aug. 20.
- Plummer, Lloyd F., Brockton, Mass. Calking welt. 2,004,447; June 11.
- Plummer, Richard W. (See Berliner, J. F. T., and Plummer.)
- Plummer, William B., assignor to Standard Oil Company, Chicago, Ill. Polymerizing hydrocarbon gases. 1,991,353; Feb. 12.
- Plummer, William B., Chicago, Ill., and V. Voorhees, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Polymerization of olefines. 1,991,354; Feb. 12.
- Plunkett, John H., Forest Hills, assignor to The Patent and Licensing Corporation, New York, N. Y. Wrapping packages. 2,023,030; Dec. 3.
- Plushkell, August B., Los Angeles, Calif. Printing press. 1,992,542; Feb. 26.
- Plutino, Nicola C., Welland, Ontario, Canada. Pencil flash light magnet. 1,997,231; Apr. 9.
- Plykrome Corporation, The. (See Johnson, W. C., and Maskrey, assignors.)
- Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Free-wheeling vehicle. 1,995,397; Mar. 26.
- Plymouth Cordage Company. (See Mackinnon, C., and Brewster, assignors.)
- Plymouth Cordage Company. (See Reed, Stephen A., assignor.)
- Plymouth Rubber Company. (See Chase, Frank G., assignor.)
- Pneuman, Arthur H. (See Case, J. R., and Pneuman.)
- Pneumatic Drop Hammer Company. (See Fitzgerald, Reginald P., assignor.)
- Pneumatic Indicator Company. (See Swezey, Joel L., assignor.)
- Pneumatic Process Corporation. (See Henkle, Louis R., assignor.)
- Pneumatic Scale Corporation. (See Howard, Stanley R., assignor.)
- Pneumatic Scale Corporation, Limited. (See Doble, Charles F., assignor.)
- Pneumatic Scale Corporation, Limited. (See Ross, Norman S., assignor.)
- Pneumatic Tool Company. (See Mitchell, William J., assignor.)
- Pochobradsky, Bedrich, Sidcup, assignor to The General Electric Company Limited, London, England. Elastic fluid turbine. 2,012,349; Aug. 27.
- Pocock, Lyndall C., and H. J. Turton, Aldwych, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Telephone set. 2,025,398; Dec. 24.
- Pocono Company, The. (See King, William H., assignor.)
- Podbielniak, Walter J., Chicago, Ill. Centrifugal fractionating method and apparatus. 2,003,308; June 4.
- Podbielniak, Walter J., Tulsa, Okla. Centrifugal counter current contact apparatus. 2,004,011; June 4.
- Podbielniak, Walter J., Long Beach, Calif. Method and apparatus for analyzing liquid and gas. 2,009,814; July 30.
- Podel, Abraham, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Capping machine. 2,020,375; Nov. 12.
- Podell, Morris, Far Rockaway, N. Y. Fuse testing device. 1,989,645; Jan. 29.
- Poderžaj, Ivan, Hampstead, London, England. Permutation lock. 1,994,960; Mar. 19.
- Podolsky, Jacob, Dorchester, Mass. Valve. 2,001,545; May 14.
- Podore, Joseph, assignor of one-fourth to C. Noble, Detroit, Mich. Convertible hinge window. 1,993,281; Mar. 5.
- Poe, Fred M., Suffern, N. Y., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Casting mold. 1,993,801; Mar. 12.
- Poe, Fred M., Suffern, assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Casting mold. 1,993,802; Mar. 12.
- Poe, Fred M., Suffern, assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Casting mold. 2,001,583; May 14.
- Poeppel, Frank J., Chicago, Ill. Meat tenderer. 2,013,504; Sept. 3.
- Poeppelmeier, Frank H., Dayton, assignor, by mesne assignments, to Set-O-Type Manufacturing Company, Cleveland, Ohio. Preparing forms for ruled charts and sheets. 1,987,635; Jan. 15.
- Poeppelmeier, Frank H., Dayton, assignor, by mesne assignments, to Set-O-Type Manufacturing Company, Cleveland, Ohio. Type retaining plate. 2,000,035; May 7.
- Poeppelmeier, Frank H., Dayton, Ohio, assignor, by mesne assignments, to Better Packages, Inc. Automobile tape moistener. 2,000,536; May 7.
- Poetschke, Paul, Forest Hills, N. Y. Treating motor fuels. 2,018,570; Oct. 22.
- Pogue, Charles N., Norwood, Manitoba, Canada. Carburetor. 1,997,497; Apr. 9.
- Pogue, George D., New York, N. Y., assignor of one-half to B. L. Jarrett, Pittsburgh, Pa. Alarm and control system for internal combustion engines. 2,010,960; Aug. 13.
- Pohl, Ernst, Kiel, Germany. Method of and apparatus for making Röntgen projections. 2,000,497; May 7.
- Pohl, Hans E. K., River Forest, assignor to Crane Co., Chicago, Ill. Boiler feed trap. 1,996,026; Mar. 26.
- Pohl, Theodor, Frankfort-on-the-Main, and J. Schneider, Oberursel-on-the-Taunus, Germany. Abrading material and preparing the same. 1,986,849; Jan. 8.
- Pohl, Theodor, Frankfort-on-the-Main, and J. Schneider, Oberursel-on-the-Taunus, assignors to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany. Producing grinding bodies. 1,986,850; Jan. 8.
- Pohl, Theodore. (See Adolph, G., and Pohl.)
- Pohl, Walter M., Wauwatosa, Wis., assignor to Kearney & Trecker Corporation, West Allis, Wis. Adjustable worm gearing. 2,002,644; May 28.
- Pohlman, Edward J., assignor to Rand, McNally, & Company, Chicago, Ill. Globe and support. 2,014,290; Sept. 10.
- Poindexter, William H., St. Louis, Mo. Heel clamp. 1,987,126; Jan. 8.
- Poinsette, Aloysius L., et al. (See Williams, Arthur, assignor.)
- Poinsette, Leo J., et al. (See Williams, Arthur, assignor.)
- Point, Arthur, Seekonk, Mass. Attachment for carburetors. 2,025,611; Dec. 24.
- Pointon, John E., and L. S. Harber, Westwood Works, Peterborough, England, assignors to Baker Perkins Company, Inc., Saginaw, Mich. Machine for depositing dough pieces in pans. 2,008,036; July 16.
- Poirette Corsets, Inc. (See Robbins, Philip H., assignor.)
- Poirier, Ernest, Waterville, Maine. Paper stock controlling method and apparatus. 1,990,501; Feb. 12.
- Poitras, Edward J., Jackson Heights, and J. D. Tear, Great Neck, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Motion reproducing unit. 2,025,122; Dec. 24.
- Poitras, Joseph A., Fort Lee, N. J., assignor to Solar Manufacturing Corporation. Electrolytic condenser. 2,012,691; Aug. 27.
- Poitras, Joseph A., Fort Lee, N. J., assignor to Solar Manufacturing Corporation. Electrolytic condenser. 2,012,692; Aug. 27.
- Poitras, Joseph A., Fort Lee, N. J., assignor to Solar Manufacturing Corporation. Trimmer condenser. 2,021,582; Nov. 19.
- Pokorny, Charles A. (See Williams, H., and Pokorny.)
- Pokras, Adolph. (See Brown, E. H., Pokras, and Rathbone.)
- Polackoff, Edward, Bronx, N. Y., assignor to The Univis Lens Company, Dayton, Ohio. Telescopic bifocal lens. 2,025,892; Dec. 31.
- Polackoff, Edward, New York, N. Y., assignor, by mesne assignments, to The Univis Lens Company, Dayton, Ohio. Telescopic bifocal lens. 2,025,893; Dec. 31.
- Polák, Bohumil, assignor to Groditzky & Polak, Prague, Czechoslovakia. Can opener. 2,012,204; Aug. 20.
- Polák, Bohumil, assignor to the firm Groditzky & Polak, Prague, Czechoslovakia. Can opener. 2,023,744; Dec. 10.
- Poland, Edward F., West Roxbury, assignor of one-third to I. C. Poland, and one-third to L. E. Poland, West Roxbury, and one-third to E. F. Poland, Needham, Mass. Reversible drive. 2,021,377; Nov. 19.
- Poland, Everett F., et al. (See Poland, Edward F., assignor.)
- Poland, Ida C., et al. (See Poland, Edward F., assignor.)
- Poland, Laurence E., et al. (See Poland, Edward F., assignor.)
- Polaris Iron Company. (See Aske, Irving E., assignor.)
- Polderman, Joseph J. (See Newland, J. R., and Polderman.)
- Polgar, William, Bronx, N. Y. Excavating shovel and the like. 1,996,027; Mar. 26.
- Polgov, Nicholas G. (See Rah, J. C., and Polgov.)
- Polgov, Nicholas G., assignor to Delta-Star Electric Company, Chicago, Ill. Bus support. 2,014,634; Sept. 17.
- Polgov, Nicholas G., assignor to Delta-Star Electric Company, Chicago, Ill. Cable terminator. 2,014,635; Sept. 17.
- Polhemus, Charles B. (See Smith, F. T., and Polhemus.)
- Polliakoff, Joseph, assignor to Multitone Electric Company Limited, London, England. Low frequency transformer. 1,996,685; Apr. 2.
- Polliakoff, Rouvime B., New York, N. Y. Locking device for dial telephones. 2,000,669; May 7.
- Polin, Herbert S., assignor to Polin, Inc., New York, N. Y. Polishing composition. 1,995,862; Mar. 26.
- Polin, Herbert S., Port Washington, assignor to Polin, Inc., New York, N. Y. High frequency apparatus. 2,011,299; Aug. 13.

- Polin, Herbert S., San Francisco, Calif., assignor, by mesne assignments, to International Radiophone Corporation, Washington, D. C. System of radio telephony and telegraphy. 2,013,173; Sept. 3.
- Polin, Herbert S., Port Washington, Long Island, assignor to Polin, Inc., New York, N. Y. Hygrometer. 2,015,125; Sept. 24.
- Polin, Herbert S., Port Washington, assignor to Polin, Inc., New York, N. Y. Corrosion preventative. 2,021,519; Nov. 19.
- Poll, Herbert S., San Francisco, Calif. Radiocommunication. 2,023,974; Dec. 10.
- Polin, Inc. (See Polin, Herbert S., assignor.)
- Polis, Max. (See Eckstein, R., and Polis.)
- Polk, James V., Dallas, Tex., assignor to Geophysical Service Inc. Insulated electrical connection. 2,000,716; May 7.
- Poll, Benjamin. (See Poll, Louis and B.)
- Poll, Benjamin, Holland, Mich. Transplanter. 1,996,686; Apr. 2.
- Poll, Louis, Hamilton, and B. Poll, Holland, Mich. Planting machine. 2,003,390; June 4.
- Pollack, Harold, assignor to Bituminous Crucible Company, New York, N. Y. Furnace grate or fire pot. 1,986,117; Jan. 1.
- Pollack, Lazarus W. (See Lorenz, W., and Pollack.)
- Pollak, Arnold A., Waterbury, Conn. Dispensing container for rolled tape. 2,017,570; Oct. 15.
- Pollak, Bruno, Vienna, Austria. Chair, table, and the like adapted for stacking. 1,989,426; Jan. 29.
- Pollard, Alan F. C., assignor of one-tenth to Sky Publicity Limited, and nine-tenths to W. F. E. Briggs, London, England. Optical projection apparatus. 1,989,336; Jan. 29.
- Pollard, Cecil V., Austin, Tex. Sanitary bottle. 1,997,914; Apr. 16.
- Pollard, Edward. (See Brown, G., and Pollard.)
- Pollard, John H. (See Wyatt, J. W., and Pollard.)
- Pollard, Theresa. (See Pollard, Willard L. G., assignor.)
- Pollard, Willard L. G., Washington, D. C., assignor to Theresa Pollard, Evanston, Ill. Variable speed transmission. 2,020,123; Nov. 5.
- Polley, Walter, Marcola, Oreg. Saw blade. 1,996,687; Apr. 2.
- Pollitz, Harold C., assignor to Iowa Manufacturing Co., Cedar Rapids, Iowa. Journal bearing seal. 1,986,285; Jan. 1.
- Pollitzer, Franz, Grosshesselohe, near Munich, and P. Schuffan, Hohlriegelskreuth, near Munich, Germany. Condensing vapors from gas mixture. 2,022,782; Dec. 3.
- Pollock, Fred W., assignor of one-half to F. M. Crabill, Eugene, Oreg. Bottle opener. 2,016,513; Oct. 8.
- Pollock, George L., and A. E. Kindig, Chicago, Ill. Motor driven vehicle. 2,018,972; Oct. 29.
- Pollock, Gordon B., Los Angeles, Calif. Film movement. 1,997,266; Apr. 9.
- Pollock, Leo, New York, N. Y. Illuminated decorative device. 2,009,965; July 30.
- Pollock, Samuel L., San Francisco, Calif. Mirror containing drawer for chests and the like. 1,999,476; Apr. 30.
- Pollock, William B., Company, The. (See de Fries, Walter, assignor.)
- Pollock, William L., Jr., New York, N. Y. Brake or clutch mechanism. 2,014,779; Sept. 17.
- Pollon, Joseph F. (See Young, W. G., Hansen, and Pollon.)
- Polly, Daniel, assignor to Société Industrielle de Ferblanterie, Paris, France. Portable cutting device. 1,998,556; Apr. 23.
- Polson, Ollen, H. W. Walters, N. O. Carlson, F. Ekholm, A. O. Norén, and K. Anderson, Chicago, Ill. Safety reversible window. 2,006,745; July 2.
- Polson, Rebecca V., Kansas City, Mo. Sanitary pad and belt. 2,003,654; June 4.
- Polydoroff, Wladimir J., assignor to Johnson Laboratories, Inc., Chicago, Ill. Variable inductance device. 2,005,203; June 18.
- Polydoroff, Wladimir J., assignor to Johnson Laboratories, Inc., Chicago, Ill. High-frequency inductor. 2,018,626; Oct. 22.
- Polytechnic Development Corporation. (See Day, Leonard, assignor.)
- Polzer, Fridolin, South Norwalk, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Staple driving machine. 1,994,147; Mar. 12.
- Pomeranz, Jacob J. (See Tanasso, V., and Pomeranz.)
- Pomeroy, Glendon M., assignor to Matthews Manufacturing Company, Worcester, Mass. Skate. 2,015,569; Sept. 24.
- Pomeroy, Glendon M., assignor to Matthews Manufacturing Company, Worcester, Mass. Front fork for vehicles. 2,018,973; Oct. 29.
- Pomeroy, Irving L., Maywood, Ill. Starting device for engines. 1,986,160; Jan. 1.
- Pomeroy, Roy J., Los Angeles, Calif., assignor to Radio Corporation of America. System for correcting sound records. 2,010,959; Aug. 13.
- Pomeranec, Israel, London, assignor to Transplanters (Holding Company) Ltd., London, England. Planting machine. 2,009,785; July 30.
- Pond, Charles M., assignor to Pratt & Whitney Company, Hartford, Conn. Screw thread gauge. 2,022,089; Nov. 26.
- Pondelicek, Jerry, Berwyn, Ill., assignor, by mesne assignments, to International Projector Corporation, New York, N. Y. Selective speed clutching mechanism. 1,990,999; Feb. 12.
- Ponte, Maurice, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Radio transmitter. 1,997,075; Apr. 9.
- Ponton, Fortunat, assignor to Vaughan Company, Chicago, Ill. Meat and bone cutting machine. 2,007,458; July 9.
- Pontus, Manuel M., East Providence, R. I. Cable terminal for battery posts. 1,988,567; Jan. 22.
- Ponzio, Seraphino C. (See Mora, Pietro, assignor.)
- Pock, Louis F., and W. C. Powell, Dayton, assignors, by mesne assignments, to The Climatool Company, Dayton, Ohio. Machine tool. 2,018,088; Oct. 22.
- Pool, Esson J., assignor to Cinch Manufacturing Corporation, Chicago, Ill. Fastener secured structure. 1,998,251; Apr. 16.
- Pool, Esson J., assignor to Cinch Manufacturing Corporation, Chicago, Ill. Separable electrical contact device. 2,005,682; June 18.
- Pool, Morris W., Brooklyn, and E. A. Turner, New York, N. Y., assignors to The Standard Stoker Company, Incorporated. Stoker. 2,003,462; June 4.
- Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Shuttleless loom and thread measuring and cutting mechanism therefor. 2,005,390; June 18.
- Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Shuttleless loom and web-selecting mechanism therefor. 2,005,391; June 18.
- Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Doubling of yarns, threads, or filaments. 2,010,888; Aug. 13.
- Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Yarn twisting apparatus. 2,019,631; Nov. 5.
- Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Textile machinery. 2,020,700; Nov. 12.
- Pool, William, and L. Latham, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile appliance. 1,995,041; Mar. 19.
- Pool, William, and L. Latham, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile apparatus. 2,010,889; Aug. 13.
- Poole, Arthur B. (See Carlson, E. L., and Poole.)
- Poole, Arthur B., assignor to The E. Ingraham Company, Bristol, Conn. Time-instrument signal-mechanism. 2,016,389; Oct. 8.
- Poole, Arthur F., Ithaca, N. Y., deceased; M. B. Poole, administratrix. Electric clock. 1,989,604; Jan. 29.
- Poole, Arthur F., Ithaca, N. Y., deceased; M. B. Poole, administratrix. Electric clock system. 1,989,605; Jan. 29.
- Poole, Arthur F., Ithaca, N. Y., deceased; M. B. Poole, administratrix. Electric meter. 1,989,606; Jan. 29.
- Poole, Arthur F., deceased, Ithaca, Maryline B. Poole, administratrix, assignor to Maryline B. Poole, Ithaca, N. Y. Electric clock. 2,019,768; Nov. 5.
- Poole, Arthur F., deceased, assignor to M. B. Poole, administratrix, Ithaca, N. Y. Apparatus for timing balances. 2,019,769; Nov. 5.
- Poole, Arthur F., deceased; M. B. Poole, administratrix, assignor to M. B. Poole, Ithaca, N. Y. Electric clock. 2,025,894; Dec. 31.
- Poole, Foster M., Kansas City, Mo., assignor to The Brown Instrument Company, Philadelphia, Pa. Furnace control. 1,987,311; Jan. 8.
- Poole, John W., Jaffrey, N. H. Refining hydrocarbons, their derivatives, and the like. 2,017,730; Oct. 15.
- Poole, Lora E., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Coil winding machine. 1,995,105; Mar. 19.
- Poole, Lora E., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Spindle feed mechanism. 2,006,746; July 2.
- Poole, Lora E., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Chuck. 2,016,652; Oct. 8.
- Poole, Maryline, administratrix. (See Poole, Arthur F.)
- Poole, Maryline B., administratrix. (See Poole, Arthur F., assignor.)
- Poole, Maryline B., administratrix. (See Poole, Arthur F., deceased.)
- Poole, Richard S. (See Adams, R. T., Poole, and Raymer.)
- Poole, Thew F. et al. (See Roth, William A., assignor.)
- Poor, Nathan H. Company. (See Judge, Sidney G., assignor.)
- Pope, Arthur J., New York, N. Y. Support for awnings or sunshades. 2,002,296; May 21.
- Pope, Edker L. (See Lembright, W. E., and Pope.)
- Pope, Elmer R., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 1,996,879; Apr. 9.
- Pope, John B., Pontotoc, Miss. Molasses mixer for feed grinding mills. 2,007,459; July 9.
- Pope Machinery Corporation. (See Howard, Merton W., assignor.)
- Pope, Paul M., Greenwich, Conn., assignor to A. Kimball Company, New York, N. Y. Printing head. 2,018,617; Oct. 22.

- Poplawski, Stephen J., Racine, Wis. Drink mixer. 1,997,873; Apr. 16.
- Popov, Vladimir D., Prague-Bubeneč, Czechoslovakia. Apparatus for producing boxes or bags. 1,998,904; Apr. 23.
- Popovich, Nicholas, et al. (See Schlitzer, Leo J., assignor.)
- Popovich, Nicholas, Teaneck, N. J., assignor of one-third to J. A. Taferner and one-third to L. J. Schlitzer, New York, N. Y. Eye set for dolls. 2,004,173; June 11.
- Popovich, Nicholas, Teaneck, N. J., assignor of one-third to J. A. Taferner and one-third to L. J. Schlitzer, New York, N. Y. Adjustable eye member for dolls. 2,009,517; July 30.
- Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Electrical lamp socket. 1,996,028; Mar. 26.
- Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Candle socket. 1,996,029; Mar. 26.
- Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Electric switch. 1,996,030; Mar. 26.
- Poppe, George W., assignor to Equitable Paper Bag Co., Inc., Brooklyn, N. Y. Web feeding mechanism for bag machines. 1,994,665; Mar. 19.
- Poppe, George W., assignor to Equitable Paper Bag Co., Inc., Brooklyn, N. Y. Paste-applying mechanism for bag machines. 1,994,666; Mar. 19.
- Poppe, George W., assignor to Equitable Paper Bag Co., Inc., Brooklyn, N. Y. Paper receptacle and making same. 2,000,188; May 7.
- Poppe, George W., assignor to Equitable Paper Bag Co., Inc., Brooklyn, N. Y. Paper bag construction. 2,003,697; June 4.
- Poppe, George W., assignor to Equitable Paper Bag Co., Inc., Brooklyn, N. Y. Dustproof carry bag. 2,007,661; July 9.
- Poppe, George W., assignor to Equitable Paper Bag Co., Inc., Brooklyn, N. Y. Paper bag closure. 2,009,411; July 30.
- Poppe, George W., assignor to Equitable Paper Bag Co., Inc., Brooklyn, N. Y. Carry bag with bridging strip. 2,013,287; Sept. 3.
- Poppe, George W., assignor to Equitable Paper Bag Co., Inc., Brooklyn, N. Y. Garment bag and making same. 2,013,788; Sept. 10.
- Poppe, George W., assignor to Equitable Paper Bag Co., Inc., Brooklyn, N. Y. Pinch bar mechanism for bag machines. 2,016,047; Oct. 1.
- Poppe, George W., assignor to Equitable Paper Bag Co., Inc., Brooklyn, N. Y. Compartment bag and making same. 2,026,140; Dec. 31.
- Poppen, John R., United States Navy. Apparatus for determining the rate of muscular and mental coordination of personnel. 2,023,488; Dec. 10.
- Popper, Arthur, New York, N. Y. Backgammon game outfit. 2,012,140; Aug. 20.
- Popper, William C., and Company. (See Proskauer, Julien J., assignor.)
- Popsicle Corporation of the United States, The. (See Lathrop, George E., assignor.)
- Popsicle Corporation of the United States, The. (See Schnlaer, Milton, assignor.)
- Popsicle Service, Inc. (See Kronbach, Edwin W., assignor.)
- Porath, Ferdinand. (See Colling, Walter G., assignor.)
- Porcelain, Emanuel. (See Kaplan, A. A., and Porcelain.)
- Porcelain Enamel and Manufacturing Company of Baltimore, The. (See Nowak, Franz, assignor.)
- Porcelain Enamel and Manufacturing Company of Baltimore, The. (See Turk, Richard, assignor.)
- Porcelain Enamel and Manufacturing Company of Baltimore, The. (See Türk, Richard H., assignor.)
- Porcelain Products, Inc. (See Loy, John G., assignor.)
- Porcelain Products, Inc. (See Meyer, Edwin M., assignor.)
- Porcelain Tile Corporation. (See Marsh, H., and Chesney, assignors.)
- Porch, Elmont W. (See Ley, C. C., and Porch.)
- Porco, Matteo, Yorkville, Ohio. Razor. 2,022,638; Nov. 26.
- Porète Mfg. Co. (See Walter, Ernest, assignor.)
- Porous Rubber Products Trust. (See Behrman, Abraham S., assignor.)
- Porritt, Benjamin D., T. R. Dawson, and J. R. Scott, assignors to The Research Association of British Rubber Manufacturers, Croydon, England. Manufacture of rubber and like materials. 1,994,619; Mar. 19.
- Porros Patentverwaltung A.-G., Basel. (See Schätzler, Ernst, assignor.)
- Porsche, Ferdinand, Stuttgart, Germany. Universal joint for motor vehicles. 1,996,688; Apr. 2.
- Porsche, Ferdinand, Stuttgart, assignor, by mesne assignments, of one-half to Auto Union A.-G., Zschopau, Saxony, Germany. Screw and nut steering gear for automobiles. 2,019,927; Nov. 5.
- Portable Machinery Company. (See Wentz, W. W., and Heyl, assignors.)
- Porteous, Thomas C., and D. J. H. Taylor, Michel, British Columbia, Canada. Marking or scribing device. 1,991,117; Feb. 12.
- Porteous, Walter J., Saginaw, Mich. Nozzle for burning comminuted coal and like. 2,023,696; Dec. 10.
- Porter, Adrian N. (See Sheard, C., and Porter.)
- Porter, Albert M., Paola, Kans. Musical instrument. 2,023,358; Dec. 3.
- Porter-Cable Machine Company, The. (See Emmons, Arthur N., assignor.)
- Porter, Edwin S., New York, N. Y. Binocular camera. 2,013,288; Sept. 3.
- Porter, Edwin S., New York, N. Y. Amateur motion picture camera. 2,022,362; Nov. 26.
- Porter, Francis L. (See White, H. G., and Porter.)
- Porter, Frank, Syracuse, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Hydrocarbon decomposition and catalyst therefor. 2,013,066; Sept. 3.
- Porter, Garnett H. (See Benner, R. C., and Porter.)
- Porter, H. K., Inc. (See Geddes, John W., assignor.)
- Porter, Harry W., Maplewood, N. J., and W. C. Boren, Jr., Greensboro, N. C. Underground conduit. 1,987,517; Jan. 8.
- Porter, Harry W., Maplewood, N. J., and W. C. Boren, Jr., Greensboro, N. C. Underground conduit. 2,009,068; July 23.
- Porter, Howard C., LaGrange Park, assignor to Signode Steel Strapping Company, Chicago, Ill. Package binder. 2,000,610; May 7.
- Porter, Howard C., LaGrange Park, assignor to Signode Steel Strapping Company, Chicago, Ill. Stretching tool. 2,007,002; July 2.
- Porter, Irving D. (See Wynne, Robert J., assignor.)
- Porter, J. R. (See Metz, Anthony J., assignor.)
- Porter, John E., Windsor, Ontario, Canada, assignor to Ford Motor Company, Dearborn, Mich. Intake manifold heating device. 1,998,636; Apr. 23.
- Porter, Joseph S., New Haven, assignor to D. & H. Scovill, Incorporated, Higganum, Conn. Apparatus for applying abrasive to belts, polishing wheels, or the like. 1,998,905; Apr. 23.
- Porter, Kenneth W., assignor to Moritz-Bennett Corporation, Effingham, Ill. Road grading machine. 1,993,282; Mar. 5.
- Porter, Kenneth W., assignor to Moritz-Bennett Corporation, Effingham, Ill. Road grading machine. 2,005,683; June 18.
- Porter, N., Saddle & Harness Company. (See Kennedy, William C., assignor.)
- Porter, Ray P., Abilene, Tex. Micro-projector. 2,017,292; Oct. 15.
- Porter Screen Company. (See Maynard, William H., assignor.)
- Porter, Sidney C., Newell, assignor to The Globe Brick Company, Kenilworth, W. Va. Coating apparatus. 2,002,507; May 28.
- Porter, William K., Pittsburgh, Pa. Animated fish lure. 1,989,460; Jan. 29.
- Porter, Wilson E., assignor to The New Haven Clock Company, New Haven, Conn. Variable-beat alarm clock. 1,987,210; Jan. 8.
- Porter, Wilson E., assignor to The New Haven Clock Company, New Haven, Conn. Variable-beat alarm clock. 2,020,738; Nov. 12.
- Porter, Wilson E., assignor to The New Haven Clock Company, New Haven, Conn. Centrifugal friction governor for clock-trains, etc. 2,020,739; Nov. 12.
- Ports, Earl G., Livingston, N. J., assignor to International Communications Laboratories, Inc., Newark, N. J. Radio transmitter. 1,988,960; Jan. 22.
- Portteus, James G., assignor to John M. Boyle, Toledo, Ohio. Cooking utensil. 1,997,832; Apr. 16.
- Porzel, Joseph, assignor to W. P. Bradford, Grand Island, N. Y. Hose coupling. 1,994,784; Mar. 19.
- Pöschel, Alfred B., assignor to Decorative Development, Inc., Brooklyn, N. Y. Ornamentation. 1,993,523; Mar. 5.
- Pöschel, Alfred B., assignor to Decorative Development, Inc., Brooklyn, N. Y. Method of and apparatus for printing and dyeing. 1,993,524; Mar. 5.
- Poser, Max, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Illuminating surfaces. 2,004,798; June 11.
- Posnack, Emanuel R., et al. (See Sorenson, Wendell L., assignor.)
- Posner, Abraham, New York, N. Y. Shoe. Des. 95,064; Apr. 2.
- Posselt, Ejnar. (See Durbin, H. R., and Posselt.)
- Post, Claude L., Chicago, Ill. Calendar. 2,013,897; Sept. 10.
- Post, Edwin M., Jr., assignor to International Motor Company, New York, N. Y. Apparatus for hydrating air in refrigerating mechanisms. 2,005,558; June 18.
- Post, Edwin M., Jr., New York, and G. O. Hanshaw, Forest Hills, N. Y., assignors to International Motor Company, New York, N. Y. Electrical system for refrigerating mechanism. 2,008,259; July 16.
- Post, Laura S., Washington, D. C. Sanitary receiver for hair clippings. 1,992,769; Feb. 26.
- Post, Lawrence M., Drexel Hill, Pa., assignor to H. B. Newhall Corporation, Garwood, N. J. Crimp nut. 2,017,421; Oct. 15.
- Post, Raymond W., Van Nuys, Calif. Fish lure. 2,006,604; July 2.
- Postel, Carl. (See Vandegriff, J. N., and Postel.)
- Posthumus, Klaas, Eindhoven, Netherlands, assignor to Radio Corporation of America. Detector circuit. 1,986,851; Jan. 8.
- Posthumus, Klaas, Eindhoven, Netherlands, assignor to Radio Corporation of America. Amplifier. 1,996,830; Apr. 9.

- Posthumus, Klaas, Eindhoven, Netherlands, assignor to Radio Corporation of America. High frequency coupling transformer. 2,002,187; May 21.
- Posthumus, Klaas, and T. J. Weyers, Eindhoven, Netherlands, assignors to Radio Corporation of America. High frequency band filter. 1,996,831; Apr. 9.
- Posthumus, Klaas, and T. J. Weijers, Eindhoven, Netherlands, assignors to Radio Corporation of America. Intermediate frequency amplifier. 2,017,131; Oct. 15.
- Postl, John M., Chicago, Ill. Dumb-bell. 1,991,520; Feb. 19.
- Postlethwaite, Joseph P. (See Parker, C. H., and Postlethwaite.)
- Poston, George R., assignor of fifty-one per cent to E. E. Groves, Gastonia, N. C. Depressible traffic signal. 1,994,027; Mar. 12.
- Potashnik, Hyman, assignor to Capitol Store Fixture Company, Denver, Colo. Booth. 1,992,903; Feb. 26.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Making bags and the like. 1,989,111; Jan. 29.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Apparatus for use in connection with the making of bags. 1,989,943; Feb. 5.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Apparatus for handling strip material. 1,995,719; Mar. 26.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Apparatus for handling strip material. 2,004,129; June 11.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, New York, N. Y. Machine for making envelopes and the like. 2,009,857; July 30.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Container and closure therefor. 2,018,228; Oct. 22.
- Potdevin Machine Company. (See Ettl, Joseph, assignor.)
- Potdevin Machine Company. (See Potdevin, Adolph, assignor.)
- Potigian, Armen, Davenport, Iowa. Animal trap. 2,006,111; June 25.
- Potigian, Armen, Davenport, Iowa. Folding table. 2,009,590; July 30.
- Potstada, George, Oakland, Calif. Combination vegetable grater. 1,994,148; Mar. 12.
- Potschay, Samuel, assignor of one-sixth to A. A. Weidhaas, and one-sixth to W. A. Weidhaas, Easthampton, Mass. Level. 1,992,675; Feb. 26.
- Pott, Robert H., Evansville, Ind. Impact tool. 2,012,916; Aug. 27.
- Potter, Albert T., Detroit, Mich., assignor to Alnsworth Manufacturing Company. Control means for windshields. 1,992,885; Feb. 26.
- Potter, Albert T., Detroit, Mich., assignor to Alnsworth Manufacturing Company. Control means for windshields. 1,992,886; Feb. 26.
- Potter, Albert T., Detroit, Mich., assignor to Alnsworth Manufacturing Corporation. Control means for windshields. 1,992,887; Feb. 26.
- Potter, Albert T., Detroit, Mich., assignor to Alnsworth Manufacturing Corporation. Seat control mechanism. 2,006,149; June 25.
- Potter, C. C. (See Smith, H. J., Beichel, Smith, and Potter.)
- Potter, Charles P., assignor to Wagner Electric Corporation, St. Louis, Mo. Squirrel cage rotor and manufacture. 2,011,116; Aug. 13.
- Potter, Howard M., Youngstown, Ohio. Knock-down basket. 2,002,582; May 28.
- Potter, John A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat exchange apparatus. 1,990,251; Feb. 5.
- Potter, Joseph L., Indianapolis, Ind. Resilient attachment for handles. 2,018,923; Oct. 29.
- Potter, Philip A., Hohokus, N. J. Water meter. 1,986,852; Jan. 8.
- Potter, Ralph K., Madison, N. J. Electrical game device. 2,023,210; Dec. 3.
- Potter, Robert S., Greenwich, assignor to The Yale & Towne Mfg. Co., Stamford, Conn. Door closer. 2,003,669; June 4.
- Potter, Thomas I., Buffalo, N. Y. Seal for rotary shafts. 1,998,790; Apr. 23.
- Potter, Thomas W. (See Bissell, W. T., and Potter.)
- Potter, Thomas W. (See McNamara, L. C., Potter, and Conway.)
- Potter, William W. (See Cavanagh, John F., assignor.)
- Potter, William W. (See Chase, Raymond H., assignor.)
- Potter, William W. (See Curtis, Myron S., assignor.)
- Potter, William W. (See Daly, Frank A., assignor.)
- Potter, William W., Pawtucket, R. I. Liquid filter and mixer. 1,994,867; Mar. 19.
- Potter, William W., Pawtucket, R. I. Apparatus for making inner tubes for tires. 2,024,304; Dec. 17.
- Potter, William W., Pawtucket, R. I. Machine tool slide-way and making the same. 2,014,667; Sept. 17.
- Potter, Edward C., Noti, Ore. Inclinator. 2,005,634; June 18.
- Potthoff, Kurt T., Brooklyn, N. Y., assignor to U. S. Galvanizing & Plating Equipment Corporation. Apparatus for treating material. 1,996,031; Mar. 26.
- Potthoff, Kurt T., assignor to U. S. Galvanizing & Plating Equipment Corporation, Brooklyn, N. Y. Method and apparatus for treating pipes. 1,997,013; Apr. 9.
- Potts, Curran M., and P. B. Ellington, Winter Haven, Fla. Locking means for valves. 2,002,615; May 28.
- Potts, Fisher R., Bolckow, Mo. Three speed mower. 1,995,223; Mar. 19.
- Potts, George, Hillside, N. J., assignor to Standard Oil Development Company. Shield for furnace tubes. 1,993,283; Mar. 5.
- Potts, George A., Paterson, and J. W. Potts, North Caldwell, N. J.; said J. W. Potts assignor to said G. A. Potts. Clothesline equipment. 2,016,873; Oct. 8.
- Potts, John W. (See Potts, George A., and J. W.)
- Potts, Louis M. (See Kleinschmidt, E. E., Krum, and Potts.)
- Potts, Louis M. (See Kleinschmidt, E. E., and Potts.)
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. High speed repeater. 1,992,632; Feb. 26.
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Linecasting and composing machine. 1,996,081; Apr. 2.
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Selective control system and apparatus. 2,024,012; Dec. 10.
- Potvin, Paul. (See Hefner, George M., assignor.)
- Pou, Jose S., Barcelona, Spain. Manufacture of alpha cellulose. 1,997,153; Apr. 9.
- Poulas, Gust, assignor of forty per cent to T. Bibicos, Cleveland, Ohio. Fraud preventative device for slot machines. 1,988,664; Jan. 22.
- Poulin, Edmond E., assignor to National Bread Wrapping Machine Co., Springfield, Mass. Bread slicing machine. 2,011,871; Aug. 20.
- Poulsen, Arnold. (See Petersen, Axel C. G., assignor.)
- Poulsen, Arnold, Hellerup, assignor of part interest to A. C. G. Petersen, Copenhagen, Denmark. Constant-speed film-feeding mechanism. 2,006,719; July 2.
- Poulson, Howard R. (See Mallay, P. D., and Poulson.)
- Pounder, Donald W. (See Chapman, W. H., Owen, and Pounder.)
- Pounder, Donald W. (See Chapman, W. H., Pounder, Murphy, and Purkis.)
- "Pouring Spouts, Inc." (See Read, Arthur, assignor.)
- Pourtier, Gaston, Romainville, France. Machine for covering electrical wires or tapes. 2,001,546; May 14.
- Poux, Noel J., assignor to Lion Fastener, Inc., Meadville, Pa. Slider for slide fasteners. 2,025,693; Dec. 24.
- Poux, Roland J., Meadville, Pa. Manicuring implement. 2,019,580; Nov. 5.
- Powderco Inc. (See Van Law, Durbin, assignor.)
- Powdrell & Alexander, Inc. (See Carragher, H. J., and Grenon, assignors.)
- Powell, Alan R., and E. R. Box, assignors to Johnson Matthey & Company Limited, London, England. Manufacturing and production of hard metal alloys. 2,021,021; Nov. 12.
- Powell, Alfred R., Oak Park, Ill., assignor to The Koppers Company of Delaware. Treating coke. 1,989,526; Jan. 29.
- Powell, Alvin, Lafayette, Calif. Paper fastening device. 2,014,780; Sept. 17.
- Powell, Charles K., assignor to Pacific Egg Producers Cooperative, Inc., New York, N. Y. Egg pick-up apparatus. 1,987,336; Jan. 8.
- Powell, David, Chicago, Ill. Golf game. 2,003,809; June 4.
- Powell, Edward R., Alexandria, Ind., assignor to Johns-Manville Corporation, New York, N. Y. Mineral wool product and making same. 1,996,082; Apr. 2.
- Powell, Edward R., Alexandria, Ind., assignor, by mesne assignments, to Johns-Manville Products Corporation, New York, N. Y. Heat insulating wall construction. 2,000,863; May 7.
- Powell, Edward R., Alexandria, Ind., assignor to Johns-Manville Corporation, New York, N. Y. Lightweight article and manufacturing the same. 2,003,309; June 4.
- Powell, Ellis E., Seattle, Wash. Egg cleaning tool. 2,009,704; July 30.
- Powell, Hanna M., Philadelphia, Pa. Hair waving device. 1,989,023; Jan. 22.
- Powell, Henry K. (See Leopold, S. N., and Powell.)
- Powell, Henry K., assignor to Morris Paper Mills, Chicago, Ill. Display carton. 2,024,702; Dec. 17.
- Powell, Herbert S., Utica, N. Y. Muffler for internal combustion engines. 1,998,385; Apr. 16.
- Powell, Herbert S., Utica, N. Y. Muffler for internal combustion engines. 1,998,386; Apr. 16.
- Powell, James A., West Lawn, Pa., and W. H. Armacost, New York, N. Y.; said Armacost assignor to The Superheater Company, Deconcentrator. 2,016,556; Oct. 8.
- Powell, John E. (See Miller, Edward E. and V. C., and Powell.)
- Powell, John O., Gorseinon, Swansea, South Wales. Machine for automatically sorting plates or other articles according to weight. 2,003,722; June 4.
- Powell, Reginald A., and R. W. Newton, Collingwood, near Melbourne, Victoria, assignors to Patent Holdings Proprietary Limited, Melbourne, Australia. Motor for windshield wipers of automobiles or the like. 2,026,320; Dec. 31.
- Powell, Robert, Rupert, assignor of one-half to V. J. Smith, Burley, Idaho. Microscope. 2,013,422; Sept. 3.
- Powell, Roger L. (See Jackson, C., Powell, and Buttler.)
- Powell, Ross Co., Forest Hills, assignor to The Texas Company, New York, N. Y. Coating for vessels. 2,018,185; Sept. 3.

- Powell, Willard C. (See Poock, L. F., and Powell.)
 Powell, William B. (See Cundall, R. M., and Powell.)
 Powell, William B. (See Salmon, Claude C., assignor.)
 Powell, William, Company, The. (See Noll, Elmer R., assignor.)
 Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Remotely controlled radio receiving station. 1,992,326; Feb. 26.
 Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Time controlled radio receiving system. 1,992,327; Feb. 26.
 Powell, Winfred T., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,009,946; July 30.
 Power, Esther A., et al. (See Greene, Josephine, assignor.)
 Power Gas Corporation Limited, The. (See Rambush, N. E., and Ballingall, assignors.)
 Power, James R., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voltage regulator. 1,996,524; Apr. 2.
 Power, James R., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regulated rectifier. 2,000,189; May 7.
 Power, John J., et al. (See Barthel, O. E., and Power.)
 Power, Laurence E., assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Applying insulator coating. 1,997,874; Apr. 16.
 Power, Michael J., Nekeosa, Wis. Press cylinder. 1,990,839; Feb. 12.
 Power, Richard F., Hampstead, London, assignor to Morland & Impey Limited, Northfield, Birmingham, England. Loose leaf visible index. 1,995,674; Mar. 26.
 Powers, David W., et al. (See Powers, Frank M., assignor.)
 Powers, Donald H., Pennsgrove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Accelerator compound and preparing same. 1,993,803; Mar. 12.
 Powers, Donald H., Moorestown, N. J., and H. W. Stiegler, Bristol, assignors to Röhm & Haas Company, Philadelphia, Pa. Process and composition for applying and fixing dyestuff. 2,008,966; July 23.
 Powers, Donald H., Moorestown, N. J., and L. H. Bock, Bristol, Pa., assignors to Röhm & Haas Company, Philadelphia, Pa. Cellulose solutions. 2,009,015; July 23.
 Powers, Frank B., Wilksburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 1,997,699; Apr. 16.
 Powers, Frank M., assignor of one-third to T. C. Powers and one-third to D. W. Powers, Chicago, Ill. Tent. 2,000,644; May 7.
 Powers, Frank T., Douglaston, N. Y. Etching. 1,991,697; Feb. 19.
 Powers, Frank T., Douglaston, N. Y. Storing and dispensing radiographic films. 1,991,698; Feb. 19.
 Powers, Frank T., Douglaston, N. Y. Viewing cabinet. 2,002,867; May 28.
 Powers, Frank T., Douglaston, N. Y. Cooling photo-mechanical printing plates. 2,011,650; Aug. 20.
 Powers, Frank T., Douglaston, N. Y. Powdering machine. 2,017,510; Oct. 15.
 Powers, Frank T., Douglaston, N. Y. Cassette. 2,026,000; Dec. 31.
 Powers, Frederick B., administrator. (See Norwood, Harry G., assignor.)
 Powers, George W., Cleveland, Ohio. Breakwater construction. 2,014,116; Sept. 10.
 Powers, George W., Cleveland, Ohio, assignor, by mesne assignments, of one-half to L. Shimek, Cribbing. 1,996,774; Apr. 9.
 Powers, James B., assignor to The Direct Separator Company, Inc., Syracuse, N. Y. Expansion joint. 1,995,042; Mar. 19.
 Powers, James H., Yeadon, Pa., assignor to General Electric Company. Electrical insulator. 2,006,931; July 2.
 Powers, James H., Yeadon, Pa., assignor to General Electric Company. Electrical switch gear. 2,009,815; July 30.
 Powers, John M., Cleveland Heights, Ohio. Candle holder. 1,998,024; Apr. 16.
 Powers, Milton F., Winchester, Mass. Double hung window frame. 2,026,285; Dec. 31.
 Powers, Paul O. (See Palmer, R. C., and Powers.)
 Powers, Paul V., Steubenville, Ohio. Water-tight case. 1,989,527; Jan. 29.
 Powers, Richard J., Brookline, Mass. Direct reading clock and the like. 2,024,598; Dec. 17.
 Powers, Rolla E. (See Parsons, J. S., and Powers.)
 Powers, Stephen J., Hoboken, N. J., assignor, by mesne assignments, to Radio Corporation of America. Thermionic power device. 1,993,804; Mar. 12.
 Powers, Thomas C., et al. (See Powers, Frank M., assignor.)
 Powis, Richard, assignor to Sterling Engine Company, Buffalo, N. Y. Viscosimeter. 2,012,550; Aug. 27.
 Powleson, Burt D., New Rochelle, N. Y. Walking figure. 1,986,446; Jan. 1.
 Powley, Robert, & Sons Limited. (See Powley, Walter, assignor.)
 Powley, Walter, assignor to Robert Powley & Sons Limited, Sunderland, England. Bottle washing machine. 1,996,214; Apr. 2.
 Pownall, George L. (See Pownall, Henry D. and G. L.)
 Pownall, George L., Cincinnati, Ohio. Apparatus for making table ice. 1,995,686; Mar. 26.
 Pownall, George L., Columbus, Ohio. Ice producing apparatus. 1,996,049; Mar. 26.
 Pownall, George L., Cincinnati, Ohio. Making table ice. 1,996,050; Mar. 26.
 Pownall, Henry D., Santa Monica, Calif., and G. L. Pownall, Columbus, Ohio. Gas compressor. 2,014,950; Sept. 17.
 Powning, Henry G., assignor to B. A. Corbin & Son Co., Boston, Mass. Football shoe and cleat. 2,009,947; July 30.
 Pover, Richard W., Des Plaines, Ill. Handle. 2,023,098; Dec. 3.
 Poynter, Ralph R., Lebanon, Ind. Lawn mower. 2,005,204; June 18.
 Poythress, Carl H., Laurel, Miss. Hoe shank and making the same. 2,003,463; June 4.
 Poythress, Carl H., Laurel, Miss. Connection between a hoe shank and blade and making the same. 2,020,208; Nov. 5.
 Praeger, Ewald, San Antonio, Tex. Garden hose support. 2,025,895; Dec. 31.
 Praetorius, Edward, and N. D. Joaquin, assignors of one-third to J. E. Stewart, Los Angeles, Calif. Acoustic switch. 2,015,962; Oct. 1.
 Prah, Milton A. (See Henke, C. O., and Prah.)
 Prah, Milton A. (See Weiland, H. J., and Prah.)
 Prah, Walter, assignor to firm Dr. F. Raschig G. m. b. H., Ludwigshafen-on-the-Rhine, Germany. Manufacture of phenols. 2,009,023; July 23.
 Prah, Walter, and W. Matthes, assignors to Dr. F. Raschig, G. m. b. H., Ludwigshafen-on-the-Rhine, Germany. Manufacture of aniline from chlorobenzene and ammonia. 2,001,284; May 14.
 Pranevich, Leonard A., Pittsburgh, Pa. Combination sash fastener and antirattling device. 1,991,294; Feb. 12.
 Prange, Alfons F., St. Louis County, Mo. Machine for making springs. 2,002,754; May 28.
 Prange, Maurice N., Detroit, Mich. Abrasive stone holder. 2,000,611; May 7.
 Pranger, Louis H., Racine, Wis. Railway crossing gate. 1,997,199; Apr. 9.
 Pranke, Edward J., Great Barrington, Mass., assignor to E. I. du Pont de Nemours & Company, Inc. Cyanide process and the product. 2,004,130; June 11.
 Pratt, Arthur J., Belmont, assignor to American Optical Company, Southbridge, Mass. Spectacle and eyeglass case. 2,012,829; Aug. 27.
 Pratt, Best, assignor to Brake Equipment & Supply Company, Chicago, Ill. Triple valve for air brake systems. 2,011,343; Aug. 13.
 Pratt, Charles A., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,996,255; Apr. 2.
 Pratt, Charles A., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,998,400; Apr. 16.
 Pratt, Charles A., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,000,670; May 7.
 Pratt, Charles A., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,015,286; Sept. 24.
 Pratt, Charles O., Maplewood, and O. Tweit, West Orange, N. J., assignors to Smet-Solvay Engineering Corporation, New York, N. Y. Charging machine. 1,986,118; Jan. 1.
 Pratt Food Company. (See Teigen, Arthur H., assignor.)
 Pratt, Goodrich B. (See Barber, G. H., and Pratt.)
 Pratt, Harry P., Chicago, Ill., assignor, by mesne assignments, to H. P. Pratt, W. F. Grower, H. A. Allen, H. T. Ballard, and G. S. Herrington, trustees, acting as Pratt Radio Trust. Radio apparatus. 2,010,463; Aug. 6.
 Pratt, Harry P., Chicago, Ill., assignor, by mesne assignments, to H. P. Pratt, W. F. Grower, H. A. Allen, H. T. Ballard, and G. S. Herrington, trustees, acting as Pratt Radio Trust. Shield for radio and like apparatus. 2,026,060; Dec. 31.
 Pratt, Harry P., trustee, et al. (See Pratt, Harry P., assignor.)
 Pratt, Henry, Co. (See Phillips, William H., assignor.)
 Pratt, John G. (See Kinsella, E., Pratt, and Kelsall.)
 Pratt, John G., et al. (See Kinsella, E., Pratt, and Kelsall.)
 Pratt, Lucy F. (See Carlson, Johan A., assignor.)
 Pratt, Mason D., San Francisco, Calif. Grapple. 2,009,453; July 30.
 Pratt Radio Trust. (See Pratt, Harry P.)
 Pratt, Raymond C., Chicago, assignor to H. B. Dodge and Company, Chicago, Ill. Venetian blind tilting device. 2,019,270; Oct. 29.
 Pratt, Read & Company. (See O'Leary, Francis R., assignor.)
 Pratt & Whitney Aircraft Company, The. (See Hobbs, Leonard S., assignor.)
 Pratt & Whitney Aircraft Company. (See Willgoos, Andrew V. D., assignor.)
 Pratt & Whitney Company. (See Drake, Alden M., assignor.)
 Pratt & Whitney Company. (See Pond, Charles M., assignor.)
 Pratt & Whitney Company. (See Rusnak, John M., assignor.)
 Pratt & Whitney Company. (See Shaw, John C., and R. D., assignors.)

- Pratt & Whitney Company. (See Shaw, Robert D., assignor.)
- Pratt & Whitney Company. (See Tanner, Hubert D., assignor.)
- Pratt & Whitney Company. (See Terry, Spencer B., assignor.)
- Pratt & Whitney Company. (See Wilder, Arthur L., assignor.)
- Pratt, William H., Lynn, Mass., assignor to General Electric Company. Electrical instrument. 1,986,601; Jan. 1.
- Pratt, William H., Lynn, Mass., assignor to General Electric Company. Integrating meter. 2,017,703; Oct. 15.
- Pratt, William R., Marlboro, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for operating upon shoe parts. 2,020,433; Nov. 12.
- Prätzsch, Richard, Hamburg, Germany. Pump for automatic periodically working gas analysers. 2,005,504; June 18.
- Pray, George E., Oceanport, N. Y., assignor to Radio Corporation of America. Oscillation generation. 2,009,069; July 23.
- Pray, Thomas E., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,997,076; Apr. 9.
- Pray, Thomas E., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,007,254; July 9.
- Pray, Thomas E., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,025,306; Dec. 24.
- Preble, Norman H. (See Webb, J. B., and Preble.)
- Prechtel, Ludwig. (See Hagenmüller, F., and Prechtel.)
- Precision Metal Workers. (See Grunwald, Albert C., assignor.)
- Pre Cote Corporation. (See McConnaughay, Kenneth E., assignor.)
- Predovich, Ely A., Pueblo, Colo. Combined workbench and rack. 1,997,742; Apr. 16.
- Preedit, Anton, Erie, Pa. Electric roaster. 2,024,062; Dec. 10.
- Preferred Utilities Company. (See Lake, Harry E., assignor.)
- Preisman, Albert, New York, N. Y. Apparatus for measuring electrical conductivity. 2,010,242; Aug. 6.
- Preisman, Albert, New York, N. Y. Method and apparatus for measuring electrical conductivity. 2,010,243; Aug. 6.
- Preisman, Louis, Wilmington, Del., assignor to General Chemical Company, New York, N. Y. Manufacture of phosphates. 2,021,699; Nov. 19.
- Preisser, Casper W., Garden City, Kans. Grain elevator. 2,013,582; Sept. 3.
- Premier Coil Cleaner Co. (See Remick, Max, assignor.)
- Premier Metal Etching Company. (See Pape, Herbert D., assignor.)
- Premier-Pabst Corporation. (See Jones, Les., assignor.)
- Premo, Fred, Kenosha, Wis. Hangar door. 1,994,785; Mar. 19.
- Prendini, Gaetano, et al. (See Speakman, William G., assignor.)
- Prentice, Bearl O. (See Ellenberger, C. M., Blank, and Prentice.)
- Prentice, Bert L., East Cleveland, assignor to The Reid Products Company, Cleveland, Ohio. Machine for forming window channels. 2,007,614; July 9.
- Prentice, Bert L., Cleveland Heights, assignor to The Reid Products Company, Cleveland, Ohio. Window frame channel. 2,017,511; Oct. 15.
- Prentice, Edward V., Portland, Oreg. Hydraulic apparatus. 2,023,148; Dec. 3.
- Prentice, G. E., Manufacturing Company. (See Gammons, Herman T., assignor.)
- Prentice, G. E., Manufacturing Company. (See Legat, Robert C., assignor.)
- Prentice, G. E., Manufacturing Company. (See Lupfer, Robert N., assignor.)
- Prentice, G. E., Manufacturing Company et al. (See Legat, Robert C., assignor.)
- Prentice, John. (See Kerr, H. J., Prentice, and Ebbets.)
- Prentiss, Augustin M., San Antonio, Tex. Carburetor. 1,999,517; Apr. 30.
- Prentiss, Augustin M., San Antonio, Tex. Carburetor. 2,000,412; July 30.
- Prentiss, Augustin M., San Antonio, Tex. Carburetor. 2,013,734; Sept. 10.
- Prentiss, Augustin M., San Antonio, Tex., assignor to Bendix Stromberg Carburetor Company, South Bend, Ind. Carburetor. 1,986,408; Jan. 1.
- Prentiss, Augustin M., San Antonio, Tex., assignor to Bendix-Cowdrey Brake Tester, Inc., South Bend, Ind. Brake tester. 1,987,706; Jan. 15.
- Presby, Leroy Q., Melrose, assignor to American Stay Company, Boston, Mass. Artificial reed, rattan, and the like. 2,008,313; July 16.
- Prescott, Carlton C., Menlo Park, N. J. Apparatus. 1,996,589; Apr. 2.
- Prescott, Charles H., Jr., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Activation process for electron emitters. 2,019,504; Nov. 5.
- Prescott, Clyde A. (See Jackson, L. M., and Prescott.)
- Prescott, Daniel C., assignor to General Steel Castings Corporation, Granite City, Ill. Tank car underframe structure. 2,011,076; Aug. 13.
- Prescott, Frank H., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Engine starter. 2,017,074; Oct. 15.
- Prescott, Frank H., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Engine starter. 2,017,870; Oct. 22.
- Prescott, Harold R., assignor to Continental Oil Company, Ponca City, Okla. Making geological explorations. 1,998,412; Apr. 16.
- Prescott, Harold R., assignor to Continental Oil Company, Ponca City, Okla. Vibrating system. 2,015,410; Sept. 24.
- Prescott, Henry T., Chicago, Ill. Reed for musical instruments. 2,022,736; Dec. 3.
- Prescott, Le Roy A., Lyncott, Mich., assignor to Service Station Equipment Company, Conshohocken, Pa. Liquid metering pump. 1,995,268; Mar. 19.
- Prescott, Sydney I., New York, N. Y. Tire rim mount. 1,988,509; Jan. 22.
- Press, David, Chicago, Ill. Curtain hanger. 2,015,815; Oct. 1.
- Pressed Metals Commodities, Inc. (See Kirkland, H. T., Sapper, Lasting, and Elkin, assignors.)
- Pressed Metals Commodities, Inc. (See Sapper, C. H., Kirkland, Lasting, and Elkin, assignors.)
- Pressed Steel Car Company. (See Blest, Minot C., assignor.)
- Pressed Steel Car Company et al. (See Blest, M. C., and Suckfield, assignors.)
- Pressed Steel Car Company et al. (See Ditchfield, Frank, assignor.)
- Pressed Steel Car Company. (See Dixon, Harold C., assignor.)
- Pressed Steel Car Company. (See Koch, Felix, assignor.)
- Pressed Steel Car Company. (See Suckfield, George A., assignor.)
- Pressed Steel Company of Great Britain Limited, The. (See Swallow, William, assignor.)
- Pressentin, Herbert G., Madison, Wis. Razor. 2,005,164; June 18.
- Pressentin, Herbert G., Madison, Wis. Wheel construction. 2,016,048; Oct. 1.
- Press-und Walzwerk Aktiengesellschaft, et al. (See Martin, Wilhelm, assignor.)
- Prest-O-Lite Company, The. (See Baker, Harry J., assignor.)
- Prest-O-Lite Company, Inc., The. (See De Motte, Maurice P., assignor.)
- Presto Lock Corporation. (See Levine, Abraham, assignor.)
- Preston, Clarence S., San Diego, Calif. Pneumatic tire valve stem and valve. 1,993,227; Mar. 5.
- Preston, Everett A. (See Payzer, S. D., Preston, and Staky.)
- Preston, Frank W., Paterson, N. J. Garment hanger. 2,008,294; July 16.
- Preston, George E. (See Colbert, C. C., Preston, and Daly.)
- Preston, Herbert E., assignor to American Engineering Company, Philadelphia, Pa. Underfeed stoker. 1,988,510; Jan. 22.
- Preston, Herbert E., assignor to American Engineering Company, Philadelphia, Pa. Tuyere damper. 1,989,024; Jan. 22.
- Preston, Herbert E., assignor to American Engineering Company, Philadelphia, Pa. Furnace wall. 2,002,276; May 21.
- Preston, Herbert E., assignor to American Engineering Company, Philadelphia, Pa. Stoker drive mechanism. 2,005,005; June 18.
- Preston, Herbert E., assignor to American Engineering Company, Philadelphia, Pa. Drive mechanism for mechanical stokers. 2,005,006; June 18.
- Preston, Herbert E., assignor to American Engineering Company, Philadelphia, Pa. Stoker feed mechanism. 2,019,271; Oct. 29.
- Preston, John E., Newark, N. J. Machine for folding and classifying towels, etc. 2,025,246; Dec. 24.
- Preston, John L., Wichita Falls, Tex. Jaw brace. 1,992,904; Feb. 26.
- Preston, Neil D., and O. H. Dicke, assignors to General Railway Signal Company, Rochester, N. Y. Train dispatching system for railroads. 2,018,765; Oct. 29.
- Preston, Neil D., and O. H. Dicke, assignors to General Railway Signal Company, Rochester, N. Y. Train dispatching system for railroads. 2,018,766; Oct. 29.
- Presto, Warren E. (See Barnes, G. M., and Preston.)
- Pretto, Henry J., Brighton, assignor to American Tool and Machine Company, Hyde Park, Mass. Air-cooled brake structure for centrifugal separators. 2,024,113; Dec. 10.
- Preussische Bergwerks-und Hutten-Aktiengesellschaft. (See Hanse, K., and Michels, assignors.)
- Prewitt, Richard H., East Hartford, Conn. Airplane. 1,989,291; Jan. 29.
- Prey, Arthur H., assignor to The Carborundum Company, Niagara Falls, N. Y. Rotary bonded abrasive articles. 2,015,727; Oct. 1.
- Pribble, Emerson W., Oklahoma City, Okla. Apparatus for sampling liquids. 2,001,922; May 21.
- Pribil, Alexis R., Saginaw, Mich. Making chain links. 2,024,183; Dec. 17.
- Pribyl, Louis, Enid, Okla. Ironing board. 2,019,092; Oct. 29.

- Price, Arthur L., and F. B. Menger, Schenectady, N. Y., assignors to General Electric Company. Voltage surge indicator. 2,006,179; June 25.
- Price, Charles S., Hollis, N. Y. Metal seal and process of making. 2,015,605; Sept. 24.
- Price, Charles V. (See Marsh, F. E., and Andersen, assignors.)
- Price, David H., Tyrone, Pa., assignor of forty-five per cent to W. Fuoss, Tyrone, Pa. Pole support. 2,022,008; Nov. 26.
- Price, Duane W., and M. Kellermann, Chicago, Ill., assignors, by mesne assignments, to F. J. Kolar, South Bend, Ind. Target game. 2,006,180; June 25.
- Price, Earl R. (See Price, Harold W. and E. R.)
- Price, Edgar, Schenectady, N. Y., assignor to General Electric Company. Brake. 2,009,120; July 23.
- Price, Edgar, Schenectady, N. Y., assignor to General Electric Company. Brake apparatus. 2,009,121; July 23.
- Price, Edmund G. (See Mauthe, J. L., and Price.)
- Price, Edward C. (See Meeker, W. P., and Price.)
- Price, Emil, and W. A. Pfister, Los Angeles, Calif. Flush valve. 2,014,483; Sept. 17.
- Price, Harold W. and E. R., assignors to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 1,996,256; Apr. 2.
- Price, Jacob R. (See Flick, Z. E., and Price.)
- Price, John E., and S. J. Shehan, Yukon, Okla. Pickerrroll adjustment. 2,016,024; Oct. 1.
- Price, John R., deceased, Charlottesville, Va., H. P. Jarvis, administratrix. Spark control for internal combustion engines. 2,016,023; Oct. 1.
- Price, Joseph, St. George, Staten Island, N. Y., assignor, by mesne assignments, to The Griscom-Russell Company. Heat exchanger. 2,013,186; Sept. 3.
- Price, Joseph, Stapleton, Staten Island, N. Y., assignor, by mesne assignments, to The Griscom-Russell Company. Heat exchanger. 2,013,187; Sept. 3.
- Price, Joseph, West New Brighton, and R. C. Jones, Bronxville, assignors to The Griscom-Russell Company, New York, N. Y. Heat exchanger. 2,004,391; June 11.
- Price, Joseph M. (See Dolan, Frank J., assignor.)
- Price, Joseph R., Shreveport, La. Soda fountain carbonating plant and the like and method thereof. 1,992,633; Feb. 26.
- Price, Joseph W., Jr. (See Light, R. A., and Price.)
- Price, Manley R. (See Robinson, C. A., Price, and Trader.)
- Price, Nathan H., assignor of one-half to G. Gillespie, Birmingham, Ala. Pneumatic rifle. 2,006,030; June 25.
- Price, Owen A., Kilmarnock, Scotland. Producing artificial waves. 2,002,043; May 21.
- Price, Owen A., Kilmarnock, Scotland. Device for producing artificial waves. 2,019,829; Nov. 5.
- Price, Ralph H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Production of motor fuels. 2,008,468; July 16.
- Price, Roger, et al. (See Moore, Samuel, assignor.)
- Price, Stanley D. (See Gilliland, E. W., and Price.)
- Price, Thomas H., Chelmsford, England, assignor to Radio Corporation of America. Modulation. 2,013,807; Sept. 10.
- Price, Thornton W., New Brunswick, N. J. Blower for furnaces. 2,014,507; Sept. 17.
- Price, Wilbur F., assignor to L. F. Grammes & Sons, Inc., Allentown, Pa. Emblem or sign. 2,004,635; June 11.
- Price, William B., assignor to Seovill Manufacturing Company, Waterbury, Conn. Nonferrous alloy. 2,011,259; Aug. 13.
- Price, William K., Yakima, Wash. Eye shield. 2,002,098; May 21.
- Price, William W., and C. W. Ripsch, assignors to The Buckeye Portable Tool Company, Dayton, Ohio. Abrasive machine. 2,016,725; Oct. 8.
- Prickett, Clyde W., Santa Monica, Calif. Vegetable slicer and grater. 1,987,910; Jan. 15.
- Prickett, Thomas B., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Temperature regulation of contact masses. 1,987,911; Jan. 15.
- Prickett, Thomas B., Woodbury, N. J., and E. J. Houdry, Paris, France, assignors to Houdry Process Corporation, Dover, Del. Distributing apparatus for contact masses. 1,987,636; Jan. 15.
- Priddy, Emerson B., et al. (See Murphy, Harvey C., assignor.)
- Priddy, Sara L., et al. (See Murphy, Harvey C., assignor.)
- Prideaux, Gwilym F., South Euclid, Ohio, assignor to General Electric Company. Flashlight device. 1,988,961; Jan. 22.
- Prideaux, Gwilym F., South Euclid, Ohio, assignor to General Electric Company. Electric lamp. 1,995,863; Mar. 26.
- Priest, Willard A., Chicago, Ill. Pop corn vending machine. 2,017,293; Oct. 15.
- Prikel, Gottfried, Bucharest, Rumania, assignor to Shell Development Company, San Francisco, Calif. Apparatus for perforating well casings. 2,022,976; Dec. 3.
- Prikel, Gottfried, Bucharest, Rumania, assignor to Shell Development Company, San Francisco, Calif. Apparatus for perforating well casings. 2,026,061; Dec. 31.
- Prima Manufacturing Company. (See Waterworth, Robert J., assignor.)
- Primrose, James. (See Smith, W., Primrose, and Thomas.)
- Primrose, James. (See Thomson, R. F., Smith, and Primrose.)
- Prince, Alfred J., Norton on Tees, England, assignor to Imperial Chemical Industries Limited. Production of fertilizers. 2,008,469; July 16.
- Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Electric switch. 1,990,348; Feb. 5.
- Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Mixing device and the like. 2,001,036; May 14.
- Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Battery charging system. 2,004,767; June 11.
- Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Protective means for mercury arc devices. 2,015,041; Sept. 17.
- Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Operating mechanism for electric circuit breakers. 2,025,549; Dec. 24.
- Prince, David C., Schenectady, N. Y., assignor to General Electric Company. Protective means for mercury arc devices. 2,025,548; Dec. 24.
- Prince, Earl S., Sterling, Ill. Building construction. 2,010,890; Aug. 13.
- Prince, James W., Parsons, Kans. Burial vault. 2,018,571; Oct. 22.
- Prince-Smith, William, Keighley, England. Driving arrangement for spindles of spinning and like textile machines. 2,010,735; Aug. 6.
- Prince, William L., Belleville, Ill. Auto tire. 2,018,189; Oct. 22.
- Princiotta, Emanuel, Grosse Pointe, Mich. Cooking utensil. 2,001,352; May 14.
- Pringle, Howard A., Canton, Mass. Aseptic pack. 2,023,289; Dec. 3.
- Pringle, William A., Niagara Falls, N. Y., assignor to American Sales Book Company, Limited, Toronto, Canada. Web supply carrier for typewriting machines. 1,991,908; Feb. 19.
- Printel Communication Systems, Inc. (See Roe, William C., assignor.)
- Printel Communication Systems, Inc. (See Roe, W. C., and Heavens, assignors.)
- Prinz, Dietrich. (See Kühle, W. E., and Prinz.)
- Prinz, Dietrich. (See Kühle, W. E., Prinz, and Herriger.)
- Prinz, Dietrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Negative resistance circuits. 1,993,805; Mar. 12.
- Prinz, Dietrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Wave distorting circuit. 1,997,014; Apr. 9.
- Prinz, Dietrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Valve transmitter for short waves. 2,007,662; July 9.
- Prinz, Dietrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray intensity control system. 2,011,260; Aug. 13.
- Prinz, Dietrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Vacuum tube arrangement and circuit. 2,019,770; Nov. 5.
- Prinz, Dietrich, Berlin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Arrangement for producing rectangular alternating currents. 2,023,436; Dec. 10.
- Prior, Frank O., Casper, assignor to Four Wheel Drive Auto Company, Clintonville, Wis. Auger. 1,997,887; Apr. 16.
- Prior, John. (See Halsall, Thomas.)
- Pritchard, Franklin H., Erie, Pa., assignor to General Electric Company. Brush holder. 2,011,374; Aug. 13.
- Pritchard, Frederick, assignor to Messrs. Hunt & Turner, Limited, Birmingham, England. Clip for tubular hose and the like. 1,986,748; Jan. 1.
- Pritchard, William N., Jr. (See Logue, P., and Pritchard.)
- Pritchard, William S., assignor to Motor Products Corporation, Detroit, Mich. Windshield control mechanism. 1,991,521; Feb. 19.
- Pritchard, Wilmot T. (See Nicholson, F. A., and Pritchard.)
- Pritchett, Elbert, Grayville, Ill. Animal trap. 2,016,049; Oct. 1.
- Privett, Ruby A., et al. (See Gibbs, Charles H., assignor.)
- Probar Corporation. (See Strassner, F. J., and Whitmore, assignors.)
- Probst, Frederick B., assignor to Minneapolis Linen Supply Company, Minneapolis, Minn. Head size adjusting means for hats. 2,010,107; Aug. 6.
- Probst, George H., Marion, Ohio. Book supporting apparatus. 2,019,581; Nov. 5.
- Probst, Louis G. (See Crane, R. E., and Probst.)
- Probst, Robert L., Clayton, Mo. Armature winding machine. 1,994,254; Mar. 12.
- Prochnow, Erich, Berlin-Steglitz, assignor to Anticomman G. m. b. H., Berlin, Germany. Polymethylenediguanidine compounds and making said compounds. 2,007,770; July 9.
- Prochnow, Erich, Berlin-Steglitz, assignor to Anticomman G. m. b. H., Berlin-Halensee, Germany. Alkylendiguanidine salts and making said salts. 2,019,872; Nov. 5.
- Procter & Gamble Company, The. (See Alderks, O. H., Distel, and Taylor, assignors.)
- Procter & Gamble Company, The. (See Burt, Robert V., assignor.)
- Procter & Gamble Company, The. (See Clark, Charles C., assignor.)

- Procter & Gamble Company, The. (See Eckey, Eddy W., assignor.)
- Procter & Gamble Company, The. (See Hall, Thomas E., assignor.)
- Procter & Gamble Company, The. (See Heitlage, Henry, assignor.)
- Procter & Gamble Company, The. (See McAllister, Walter H., assignor.)
- Procter & Gamble Company. (See Pape, Wilhelm, assignor.)
- Procter & Gamble Company, The. (See Reid, Forestus, assignor.)
- Procter & Gamble Company, The. (See Richardson, A. S., Vilbrans, and Andrews, assignors.)
- Procter & Gamble Company, The. (See Short, Robert J., assignor.)
- Proctor, Albert M., Chula Vista, Calif. Combination transformer. 1,990,669; Feb. 12.
- Proctor, Barton A., Larchmont, N. Y., assignor to Kinatone Patents Corporation. Automatically rolling and rerolling a film. 1,992,237; Feb. 26.
- Proctor, Barton A., Larchmont, N. Y., assignor to Kinatone Patents Corporation. Repeating mechanism for projecting machines. 2,007,214; July 9.
- Proctor, Charles E. (See Snyder, C. L., and Proctor.)
- Proctor, Charles N., Cambridge, assignor to Ski Sport, Incorporated, Boston, Mass. Ski binding. 2,012,402; Aug. 27.
- Proctor, James H., Northbridge, near Sydney, New South Wales, assignor to Ace Racket Stringers (Worlds Rights) Limited, Sydney, New South Wales, Australia. Apparatus for the stringing of tennis rackets. 1,992,717; Feb. 26.
- Proctor, John A., Lexington, Mass., assignor, by mesne assignments, to General Electric Company. Electrical apparatus. 1,995,156; Mar. 19.
- Proctor, John A., Lexington, Mass., assignor, by mesne assignments, to General Electric Company. Inductive balancer for radio direction finders. 2,013,107; Sept. 3.
- Proctor, Robert V., and W. T. Stephens, assignors to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Control valve. 1,991,227; Feb. 12.
- Proctor, Robert V., and C. B. Cushwa, assignors to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Conduit. 2,001,315; May 14.
- Proctor, Roby E. (See Craig, Walter C., assignor.)
- Proctor & Schwartz Electric Co. (See Myers, Joseph W., assignor.)
- Proctor & Schwartz Electric Co. (See Myers, J. W., and Ginder, assignors.)
- Proctor & Schwartz, Incorporated. (See Bogaty, Hermann, assignor.)
- Proctor & Schwartz, Incorporated. (See Bogaty, Hermann S., assignor.)
- Proctor & Schwartz, Incorporated. (See Dickinson, Warren A., assignor.)
- Proctor & Schwartz, Incorporated. (See Griffith, C. T., and Wanemaker, assignors.)
- Proctor & Schwartz, Incorporated. (See Hurxthal, Alpheus O., assignor.)
- Proctor & Schwartz, Incorporated. (See Hurxthal, A. O., and Kerst, assignors.)
- Proctor & Schwartz, Incorporated. (See Kerst, E. B., and Bogaty, assignors.)
- Proctor & Schwartz, Incorporated. (See Schwartz, Walter M., assignor.)
- Proctor, Wilfred H. (See Mueller, O. B., Rader, Proctor, and Irving.)
- Production Engineering Company. (See Sinclair, William, assignor.)
- Productive Equipment Corporation. (See Soldan, Lewis E., assignor.)
- Products Protection Corporation. (See Olving, Bror G., assignor.)
- Progress Supply Company. (See Forman, James.)
- Progressive Motor Devices Corporation. (See Mossinghoff, Bernard H., assignor.)
- Progressive Ring Company, The. (See Miller, J. M., and Fenton, assignors.)
- Progressive Service Company. (See Deubel, Carl G., assignor.)
- Progressive Service Company. (See Woodworth, Roy V., assignor.)
- Prohaska, Albert E. (See Smith, C., Prohaska, and Wilson.)
- Projector Improvement Corporation. (See Fuchs, Charles A., assignor.)
- Prominski, Alex J. (See Maas, Frederick J., assignor.)
- Pronski, Paul E., and J. J. Doupnik, Linn, Kans. Attachment for poultry batteries. 1,989,025; Jan. 22.
- Pro-Phy-Lac-Tic Brush Company. (See Elliot, William S., assignor.)
- Pro-Phy-Lac-Tic Brush Company. (See Horrell, M., and Elliott, assignors.)
- Proportioners, Inc. (See Lowe, Rudy, assignor.)
- Prosdociini, Giuseppe A., Bologna, Italy. Flying machine with beating and sliding horizontal louver-like wings rotating in opposite directions. 1,988,916; Jan. 22.
- Proskauer, Julien J., assignor to William C. Popper and Company, New York, N. Y. Advertising device. 1,994,961; Mar. 19.
- Prosky, Joseph, Bronx, N. Y. Strap and tightening key. 1,992,605; Feb. 26.
- Prosper, Milton H., Washington, D. C. X-ray photography. 2,024,874; Dec. 17.
- Prosperity Company Inc., The. (See Braun, Philip N., assignor.)
- Prosperity Company Inc., The. (See Braun, P. N., and Davis, assignors.)
- Prosperity Company Inc., The. (See Davis, Ernest, assignor.)
- Prosperity Company, The. (See Davis, E., and Kagi, assignors.)
- Prosperity Company Inc., The. (See Kienzie, Lester C., assignor.)
- Prosperity Company, The. (See Ledbetter, James C., assignor.)
- Prosser, De Leon A., et al. (See Timberlake, Journey F., assignor.)
- Prosser, Joseph G., Chicago, Ill. Reenforced pipe construction. 2,021,378; Nov. 19.
- Protectoglass Limited. (See Bonniksen, Cyril W., assignor.)
- Protectoseal Company of America. (See Anschicks, Rudolph J., assignor.)
- Protexol Corporation. (See Hartman, E. F., and Whitmore, assignors.)
- Protona, A. G. (See Hochstadter, Martin, assignor.)
- Prött, Karl A., Rheidt-Bonnenbroich, Germany. Air humidifier. 1,993,299; Mar. 5.
- Protz, William C., assignor to National Tinsel Manufacturing Company, Manitowoc, Wis. Scouring material and device. 1,990,840; Feb. 12.
- Protzeller, Harry W., assignor to Fairmont Railway Motors, Inc., Fairmont, Minn. Ballast excavating and cleaning apparatus. 2,003,606; June 4.
- Protzeller, Harry W., assignor to Fairmont Railway Motors, Inc., Fairmont, Minn. Method of and apparatus for cleaning ballast. 2,013,735; Sept. 10.
- Protzeller, Harry W., assignor to Fairmont Railway Motors, Inc., Fairmont, Minn. Method of and apparatus for treating ballast. 2,022,150; Nov. 26.
- Provident Trust Company, executors et al. (See Smith, James J., assignor.)
- Provident Trust Co. of Philadelphia, administrators et al. (See Olsen, Tinius.)
- Province, Benjamin E. (See Shipman, Thomas J., assignor.)
- Prox, Frank, Company. (See Fulke, Frank L., assignor.)
- Pruden, Harold M., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Combined telephone and telegraph system. 2,022,053; Nov. 26.
- Prudhomme, Eugene A., Levallois-Perret, assignor to Lucien Henri Roman, Paris, France. Manufacturing formaldehyde. 2,000,096; May 7.
- Prudhomme, Michael A., Outremont, Quebec, Canada. Hand Brake mechanism. 2,003,607; June 4.
- Pruitt, Raymond S., et al. trustees. (See Barton, Clarence H., assignor.)
- Pruitt, Raymond S., trustee et al. (See Barton, Clarence H., assignor.)
- Pruitt, Raymond S., trustees et al. (See Brownlee, Dalmar T., assignor.)
- Pruitt, Raymond S., trustees, et al. (See Starkey, William C., assignor.)
- Prüss, Max, Essen, Germany. Settling pond. 1,995,224; Mar. 19.
- Prussing, Walter, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Collapsible tube mechanism. 1,992,634; Feb. 26.
- Prupton, Carl E., East Cleveland, assignor, by mesne assignments, to The Lubri-Zol Corporation, Cleveland, Ohio. Lubricating and reducing friction. 1,986,645; Jan. 1.
- Prupton, Carl E., East Cleveland, assignor, by mesne assignments, to The Lubri-Zol Corporation, Cleveland, Ohio. Lubricant. 1,986,651; Jan. 1.
- Pruzan, Barney, Brooklyn, assignor to Ranger Fastener Corporation, New York, N. Y. Safety removable fastener slide. 2,020,159; Nov. 5.
- Pryale, Harry M., Pontiac, Mich. Running board. 2,009,204; July 23.
- Pryne, Ralph. (See Osburn, J. E., and Pryne.)
- Pryor, Leo E., Delano, Calif. Safety device for vehicles. 2,025,822; Dec. 31.
- Przyborowski, Stanislaus, Buffalo, N. Y. Radiator. 2,016,822; Oct. 8.
- Przyborowski, Stanislaus, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Producing soldered joints. 1,994,436; Mar. 12.
- Przyborowski, Stanislaus, Buffalo, N. Y., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Immersing machine. 2,002,795; May 28.
- Public, Dedicated to the free use of the. (See Brundrett, Herald M., assignor.)
- Public, Dedicated to the free use of the. (See Hurst, W. M., and Fulton, assignors.)
- Public, Dedicated to the free use of the. (See Leatherman, Martin.)
- Public, Free use of the. (See Balls, A. K., and Hale, assignors.)
- Public, Free use of the. (See Bennett, C. A., and Gaus.)
- Public, Free use of the. (See Busch, Thomas N.)
- Public, Free use of the. (See Gaus, George E.)
- Public, Free use of the. (See Huches, Ausker E.)
- Public, Free use of the. (See McDonald, Robert E., assignor.)
- Public, Free use of the. (See Thelen, Rolf, assignor.)
- Public, Free use of the. (See Thurber, Francis H.)

- Public, Free use of the. (See Webb, Byron H.)
- Public of the United States of America, The. (See Chace, E. M., Sorber, Kundle, and Kimball.)
- Public of The United States of America, Free Use of the. (See Leatherman, Martin, assignor.)
- Public, The Free Use of the. (See Gaus, George E., assignor.)
- Publisher Research and Development Company. (See Ratzko, Siles M., assignor.)
- Puckle, Owen S. (See Mathieu, G. A., and Puckle.)
- Puddington, Arthur W., assignor to E. J. Lownes, Jr., Providence, R. I. Combustion control system. 2,020,516; Nov. 12.
- Pudelko, Riccard, Zug, Switzerland, assignor to Landis & Gyr, A.-G. Meter. 1,997,743; Apr. 16.
- Pudelko, Riccard, Zug, Switzerland, assignor to Landis & Gyr, A.-G. Recording meter. 2,005,108; June 18.
- Puder, Paul. (See Broemme, F., and Puder.)
- Puening, Franz, O'Hara Township, Allegheny County, Pa. Coking apparatus. 1,996,649; Apr. 2.
- Puening, Franz, O'Hara Township, Allegheny County, Pa. Apparatus for distilling coal or other carbonaceous material. 1,996,650; Apr. 2.
- Puening, Franz, O'Hara Township, Allegheny County, Pa. Coking apparatus. 1,996,651; Apr. 2.
- Puffer-Hubbard Mfg. Co. (See Cairncross, James C., assignor.)
- Puffer, Samuel R., Saugus, Mass., assignor to General Electric Company. Internal combustion engine. 2,011,651; Aug. 20.
- Pugach, Barnet, New York, N. Y. Edge shearing device for sewing machines. 2,021,700; Nov. 19.
- Pugh, Emerson. (See Underwood, C. M., and Pugh.)
- Pugh, James W. (See Frolich, P. K., and Pugh.)
- Pugh, John D., Baltimore, Md. Metallurgical furnace. 1,995,941; Mar. 26.
- Puigjaner, Alberto, Barcelona, Spain. Wave motor. 2,013,861; Sept. 10.
- Pulis, Oscar B., Beaver Falls, Pa. Latch for panels. 1,987,076; Jan. 8.
- Pulliclean Manufacturing Corporation. (See Crowson, Herbert W., assignor.)
- Pullen, Fred W., assignor to Bissell Carpet Sweeper Co., Grand Rapids, Mich. Bumper for carpet sweepers. 2,001,745; May 21.
- Pullen, Fred W., assignor to Bissell Carpet Sweeper Co., Grand Rapids, Mich. Carpet sweeper. 2,011,261; Aug. 13.
- Pullen, Fred W., assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet sweeper construction. 2,011,262; Aug. 13.
- Pullen, Rodney S., Akron, Ohio, assignor to Pullenlite Company, Philadelphia, Pa. Hopper for feeding matches. 1,989,378; Jan. 29.
- Pullen, Rodney S., Akron, Ohio, assignor to Pullenlite Company, Philadelphia, Pa. Package with closed ends. 1,998,252; Apr. 16.
- Pullen, Rodney S., Akron, Ohio, assignor to Pullenlite Company, Philadelphia, Pa. Match holder. 2,001,264; May 14.
- Pullen, Rodney S., Akron, Ohio, assignor to Pullenlite Company, Philadelphia, Pa. Match packet. 2,013,991; Sept. 10.
- Pullenlite Company. (See Pullen, Rodney S., assignor.)
- Pulles, Cornelis A. J. (See Van Mierlo, S., Girard, and Pulles.)
- Pullin, Cyril G., Queen's Park, assignor to G. & J. Weir, Limited, Glasgow, Scotland. Pressure vessel. 2,009,324; July 23.
- Pullman Car and Manufacturing Corporation. (See Marshall, Frank O., assignor.)
- Pullman Company, The. (See Crawford, David A., assignor.)
- Pullman Standard Car Manufacturing Company. (See Carry, Edward F., assignor.)
- Pullman-Standard Car Manufacturing Company. (See Mussey, W. H., and Blomberg, assignors.)
- Puls, Erich F., King's Norton, Birmingham, England. Controlling variable speed gearing. 1,993,856; Mar. 12.
- Puls, Erich F., King's Norton, Birmingham, England. Control mechanism particularly for controlling preselective change-speed gearing. 2,008,226; July 16.
- Pulsometer Engineering Limited. See Warren, Reginald, assignor.)
- Pulvermacher, Ernst. (See Schowalter, Peter, assignor.)
- Pulvis Aktiengesellschaft. (See Ågren, Ernst M., assignor.)
- Pulvis Aktiengesellschaft. (See Schweich, Roger, assignor.)
- Pulz, Artur, assignor to the firm of Carl Zeiss, Jena, Germany. Self-contained base rangefinder. 2,008,516; July 16.
- Pulz, Artur, assignor to firm Carl Zeiss, Jena, Germany. Support for portable optical instruments. 2,015,869; Oct. 1.
- Pummill, Evert T., Augusta, Kans., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for oil treating systems. 2,023,545; Dec. 10.
- Pummill, Evert T., Augusta, Kans., assignor, by mesne Vacuum Oil Company, Incorporated, New York, N. Y. Contacting liquids. 2,023,546; Dec. 10.
- Pumphrey, Harry E., Pasadena, Calif. Headrest for motor vehicles. 2,001,396; May 14.
- Pumphrey, Harry E., Pasadena, Calif. Headrest for seat backs. 2,020,573; Nov. 12.
- Pumphrey, John H. (See Stepanian, Stephen, assignor.)
- Pumphrey, Joseph B., assignor of one-half to C. W. Gill, and one-fourth to J. M. Hardie, Abilene, Tex. Pressure actuated switching mechanism. 2,020,619; Nov. 12.
- Pungs, Leo, Brunswick, Germany. Telephonic transmitter. 1,999,143; Apr. 23.
- Pungs, Wilhelm. (See Luther, M., Pungs, Griessbach, and Heuck.)
- Pungs, Wilhelm, Cologne, and M. Jahrstorfer, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of improved natural waxes. 1,989,626; Jan. 29.
- Punke, John J., assignor to Hupp Motor Car Corporation, Detroit, Mich. Front end construction for vehicles. 2,014,029; Sept. 10.
- Punke, John J., assignor to Hupp Motor Car Corporation, Detroit, Mich. Vehicle body construction. 2,014,030; Sept. 10.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,004,828; June 11.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Combined pouring and sifting container. 2,010,464; Aug. 6.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Easy opening sealed container. 2,019,360; Oct. 29.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,020,209; Nov. 5.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Dispensing container. 2,020,210; Nov. 5.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Combined can opener and pouring spout. 2,024,875; Dec. 17.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Making metal containers. 2,026,431; Dec. 31.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Closure top for containers. 2,026,432; Dec. 31.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Tooth powder container. 2,026,433; Dec. 31.
- Punte, William F., and O. S. Pease, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Can opening and spout forming device. 2,017,015; Oct. 8.
- Punton, Charles W., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Protective headgear. 2,025,772; Dec. 31.
- Punton, Charles W., and J. B. Dym, assignors to Mine Safety Appliances Company, Pittsburgh, Pa. Respirator. 2,019,928; Nov. 5.
- Pupe, William E. (See Butcher, E. G., and Jupe.)
- Pupier, André, Paris, France. Bed and the like. 2,014,508; Sept. 17.
- Pupke, Arnold W., Greenburg Township, Westchester County, N. Y. Apparatus for making cards. 2,019,929; Nov. 5.
- Purcell, Thomas E. (See Hayward, A. P. and Purcell.)
- Purdue Research Foundation. (See Hass, Henry B., assignor.)
- Purdue Research Foundation. (See Hass, H. B., and McBee, assignors.)
- Purdue Research Foundation. (See Kraybill, H. R., Brewer, and Gardner, assignors.)
- Purdum, John F., Fort Worth, Tex. Well pumping system. 1,995,815; Mar. 26.
- Purdy, Chester A., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for processing electrical devices. 2,016,455; Oct. 8.
- Purdy, George H. (See Robertson, J., and Purdy.)
- Pure Calcium Products Company. (See Church, J. W., and McClure, assignors.)
- Pure Made Products Co. (See Beauclerk, William, assignor.)
- Pure Oil Company, The. (See Carr, R. H., and Humphrey, assignors.)
- Pure Oil Company, The. (See Chewning, J. W., and Dickerman, assignors.)
- Pure Oil Company, The. (See Harnsberger, Audley E., assignor.)
- Pure Oil Company, The. (See Osterstrom, Rudolph C., assignor.)
- Pure Oil Company, The. (See Wagner, Cary R., assignor.)
- Purinton, Ellison S. (See Hammond, J. H., Jr., and Purinton.)
- Purinton, Ellison S., Gloucester, Mass., assignor to J. H. Hammond, Jr. Single side band transmission and reception. 1,992,441; Feb. 26.
- Purinton, Ellison S., Gloucester, Mass., assignor to J. H. Hammond, Jr. Single side band transmission. 1,994,048; Mar. 12.
- Purinton, Ellison S., Gloucester, Mass., assignor to J. H. Hammond, Jr. Synchronizing arrangement. 1,994,230; Mar. 12.
- Purinton, Ellison S., Gloucester, Mass., assignor to John Hays Hammond, Jr. System for transmitting electro-radiant energy. 2,018,318; Oct. 22.

- Purington, Ellison S., Gloucester, Mass., assignor to John Hays Hammond, Jr. Single side band transmission. 2,020,527; Nov. 12.
- Puritan Soap Company. (See Fulton, Robert R., assignor.)
- Purity Bakeries Service Corporation. (See Jassoy, Bertrand, assignor.)
- Purkett, Edward D., assignor to Purkett Laundry Company, Joplin, Mo. Laundry shake-out tumbler. 2,002,796; May 28.
- Purkett, Edward D., assignor to Purkett Laundry Company, Joplin, Mo. Drying apparatus. 2,026,189; Dec. 31.
- Purkett Laundry Company. (See Purkett, Edward D., assignor.)
- Purkis, Frank T. (See Chapman, W. H., Pounder, Murphy, and Purkis.)
- Purkis, Frank T. (See Murphy, E. A., Purkis, and Twiss.)
- Purnasiri, Jajaval, Bangkok, Siam. Water motor. 2,023,821; Dec. 10.
- Purnell, Harry M., assignor to The Loudon Machinery Company, Fairfield, Iowa. Poultry roost. 2,021,746; Nov. 19.
- Purnis, Theodore, Aberdeen, S. Dak. Pilot wrench. 2,022,822; Dec. 3.
- Puro Company, The. (See Sacks, Alvin L., assignor.)
- Purpura, August C., Chicago, Ill. Automatic toaster. 2,009,634; July 30.
- Pursell, Walter, Cincinnati, Ohio, and E. C. Gaertner, Terre Haute, Ind. Handling frangible tiles and the like. 2,017,571; Oct. 15.
- Purton, Ernest C. J., assignor to Taylor Instrument Companies, Rochester, N. Y. Measuring instrument. 2,006,873; July 2.
- Purves, John A., Trull, Taunton, England. Vehicle. 2,009,904; July 30.
- Purvis, John W., Detroit, Mich. Pump mechanism. 2,025,771; Dec. 31.
- Pusey, John E. (See Yedd, Guy A., assignor.)
- Pustejovsky, Raymond F., Davilla, Tex. Oil container. 2,023,820; Dec. 10.
- Putnam, Claude W., Green Bay, Wis. Electrical connector. 2,013,423; Sept. 3.
- Putnam, Eleanor, Oswego, N. Y. Liquid cooling device. 2,016,514; Oct. 8.
- Putnam, Fred A., assignor to Markem Machine Company, Keene, N. H. Making a printed impression on leather or similar material having a mottled surface. 1,993,806; Mar. 12.
- Putnam, George I., and C. T. Worthen, assignors to McLoughlin Textile Corporation, Utica, N. Y. Dyeing rayon knit piece goods. 2,010,320; Aug. 6.
- Putnam, James K., assignor to Waterbury Clock Company, Waterbury, Conn. Electrically-operated audible signal device. 1,988,700; Jan. 22.
- Putnam, James K., assignor to Waterbury Clock Company, Waterbury, Conn. Time instrument. 1,989,881; Feb. 5.
- Putnam, James K., assignor to The Waterbury Clock Company, Waterbury, Conn. Making bezels. 2,020,740; Nov. 12.
- Putnam, John P., assignor to The Reece Button Hole Machine Company, Boston, Mass. Making colls. 2,013,764; Sept. 10.
- Putnam, Joseph F. (See McDonald, C. S., Putnam and McHale.)
- Putnam Knitting Company. (See Murphy, John H., assignor.)
- Putnam, Walter, Pasadena, Calif. Flush valve. 2,000,297; May 7.
- Putnam, Warren C., Los Angeles, Calif. Treadle switch. 1,998,942; Apr. 23.
- Putney-Bowes Postage Meter Co. (See Ogden, J. W., and Donaldson, assignors.)
- Putnoky, Ferdinand, Berlin, Germany. Pick-up arm guide for sound-boxes of talking machines. 2,006,605; July 2.
- Putt, Earl B., New York, N. Y. Flavoring and coloring extract. 2,007,727; July 9.
- Putt, Harlie O., Elkhart, Ind. Thermostatic bulb relay. 1,994,620; Mar. 19.
- Putz, Joseph, assignor to Miller-Peerless Manufacturing Company, Chicago, Ill. Safety receptacle. 2,014,582; Sept. 17.
- Pützer, Brune, Wuppertal-Elberfeld, and F. Muth, Leverkusen-I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Hydroxydiphenylene compound. 1,997,744; Apr. 16.
- Pye, Harold C., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Acoustic device. 2,007,460; July 9.
- Pyle-National Company, The. (See McDowell, Thomas E., assignor.)
- Pyle-National Company, The. (See Sipp, Edward A., assignor.)
- Pyle-National Company, The. (See Wulle, W. A., and McDowell, assignors.)
- Pyle, Percy B., Lewiston, Pa. Helix combination wood-carving attachment. 2,023,489; Dec. 10.
- Pyles, Richard H., Los Angeles, assignor of one-half to S. M. Bernstein, Huntington Park, Calif. Massaging vibrator. 1,998,522; Apr. 23.
- Pym, Arthur F., Swampscott, assignor to Sibley-Pym Corporation, Lynn, Mass. Winding machine. 1,989,062; Jan. 22.
- Pym, Arthur F., Swampscott, and W. E. Scarlett, East Lynn, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Starting and stopping mechanism. 2,012,350; Aug. 27.
- Pym, Arthur F., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Positioning of lasts. 2,022,783; Dec. 3.
- Pym, Arthur F., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,023,547; Dec. 10.
- Pym, Charles F., Beverly, assignor, by mesne assignments, to The Littleway Process Company, Boston, Mass. Manufacture of shoes. 1,987,637; Jan. 15.
- Pym, Charles F., Beverly, assignor, by mesne assignments, to The Littleway Process Company, Boston, Mass. Holding shoe uppers in lasted position. 1,987,638; Jan. 15.
- Pym, Charles F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 2,026,099; Dec. 31.
- Pymm, James, Brooklyn, N. Y. Temperature controlled valve. 2,004,636; June 11.
- Pyrene Manufacturing Company. (See Dodelin, Fred A., assignor.)
- Pyrene Manufacturing Company. (See Zieschang, Richard, assignor.)
- Pyridium Corporation, The. (See Tisza, E. T., and Joos, assignors.)
- Pyro Products Corporation. (See Hinsky, Anthony P., assignor.)
- Pyros, Thomas A., Pittsburgh, Pa. Tie support. 2,011,456; Aug. 13.
- Pyroxilin Products, Inc. (See Wilson, William C., assignor.)
- Pyroxilin Products, Incorporated. (See Wilson, W. C., and Faukes, assignors.)
- Pyzel, Daniel, Piedmont, assignor to Shell Development Company, San Francisco, Calif. Absorption and distillation of ammonia. 1,999,546; Apr. 30.
- Pyzel, Daniel, Piedmont, assignor to Shell Development Company, San Francisco, Calif. Distillation of ammonia. 2,017,323; Oct. 15.
- Pyzel, Daniel, 4th, Hollywood, Calif. Mirror. 2,015,816; Oct. 1.
- Pyzel, Ewald, Pittsburg, assignor to Shell Development Company, San Francisco, Calif. Catalytic converter. 2,006,078; June 25.
- Pyzel, Ewald, Pittsburg, Calif., and R. Tillmann, The Hague, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Process and apparatus for the separation of liquids from gases. 1,996,257; Apr. 2.
- Pyzel, Frederic M., Piedmont, assignor to Shell Development Company, San Francisco, Calif. Manufacture of ammonium sulphate. 1,988,701; Jan. 22.
- Pyzel, Frederic M., Piedmont, Calif., assignor to Universal Oil Products Company, Chicago, Ill. Oil cracking apparatus. 2,004,217; June 11.
- Pyzel, Frederic M., Piedmont, and J. D. Ruys, Pittsburg, assignors to Shell Development Company, San Francisco, Calif. Manufacture of ammonium sulphate. 2,026,250; Dec. 31.
- Pyzel, Robert, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,010,376; Aug. 6.
- Q & C Company, The. (See Henry, Harold T., assignor.)
- Quackenbush, Frederick W., Kansas City, Mo. Packing container. 2,021,426; Nov. 19.
- Quackenbush, Franks, assignor to H. M. Quackenbush, Herkimer, N. Y. Ash tray. 1,988,362; Jan. 15.
- Quackenbush, H. M., Inc. (See Quackenbush, Paul H., assignor.)
- Quackenbush, Henry M. (See Quackenbush, Franks, assignor.)
- Quackenbush, Paul H., assignor, by mesne assignments, to H. M. Quackenbush, Inc., Herkimer, N. Y. Nut cracker and making the same. 2,016,050; Oct. 1.
- Quadrex Corporation, The. (See Leathers, Ward, assignor.)
- Quadvlieg, Matthias. (See Marx, K., Brodersen, and Quadvlieg.)
- Quaglia, John, New York, N. Y. Fountain pen. 1,987,158; Jan. 8.
- Quagliotti, William R., Victoria, British Columbia, Canada. Folding box. 1,997,343; Apr. 9.
- Quaker City Iron Works. (See Jensen, James A., assignor.)
- Quaker Hosiery Company. (See Goetsch, G. W., and Smetana, assignors.)
- Quaker Lace Company. (See Waterfield, James, assignor.)
- Qualey, Walter, Cincinnati, Ohio, assignor, by mesne assignments, to Cupples Company Manufacturers, St. Louis, Mo. Gripping device. 2,023,975; Dec. 10.
- Quality Art Novelty Co. (See Derman, Sam, assignor.)
- Quam, James P., Chicago, Ill. Loud speaker. 2,020,211; Nov. 5.
- Quam, James P., Chicago, Ill. Making dynamic speakers. 2,020,212; Nov. 5.
- Quandt, Carrie A., executrix. (See Quandt, H. L., and Horak.)
- Quandt Chemical Co. (See Horak, Julius J., assignor.)
- Quandt Chemical Co. (See Quandt, H. L., and Horak, assignors.)

- Quandt, Herbert L., deceased, C. A. Quandt, executrix, and J. J. Horak, assignors to Quandt Chemical Co., San Francisco, Calif. Core oil compound. 2,004,345; June 11.
- Quandt, Herbert L., and J. J. Horak, assignors, by mesne assignments, to Quandt Chemical Co., San Francisco, Calif. Core compound. 2,004,344; June 11.
- Quantin, Charles J., Paris, France, assignor to du Pont Rayon Company, New York, N. Y. Spinning bucket. 2,008,037; July 16.
- Quarles, Donald A., Englewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Joint in line wires. 2,022,977; Dec. 3.
- Quarles, Lawrence R., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor accelerating control system. 2,020,961; Nov. 12.
- Quarnstrom, Bert L. (See Kvarnstrom, Alfred T., assignor.)
- Quarnstrom, Bert L., assignor to Bundy Tubing Company, Detroit, Mich. Making tubes. 2,014,982; Sept. 17.
- Quarnstrom, Bert L., assignor to Bundy Tubing Company, Detroit, Mich. Tubing. 2,014,983; Sept. 17.
- Quarnstrom, Bert L., assignor to Bundy Tubing Company, Detroit, Mich. Apparatus for handling tubing. 2,018,089; Oct. 22.
- Quartermatic Photos, Inc. (See Morrall, James I., assignor.)
- Quarzlampen-Gesellschaft m. b. H. (See Ende, Werner, assignor.)
- Quaschnig, Carl G., and H. Hundertmark, assignors to firm "Deback" Deutsche Backmittel Gesellschaft mit beschränkter Haftung, Hamburg, Germany. Producing a baking agent. 2,009,274; July 23.
- Quasso, Alfred D., San Antonio, Tex., assignor of one-fourth to S. P. Daily, Jr., New York, N. Y. Garment supporter. 2,001,629; May 14.
- Quast, Otto K., Spokane, Wash. Lifting and propulsion device for use on air vehicles. 2,011,300; Aug. 13.
- Quast, Otto K., Spokane, Wash. Combination lifting and forward propulsion device for use on air and water vehicles. 2,019,726; Nov. 5.
- Queen, Harold E. (See Replogle, D. B., and Queen.)
- Queens Machine Corporation. (See Geyer, Adam, assignor.)
- Quendt, Bernhardt, Essen, Germany. Slackening animal hides and skins and slackening solutions. 2,007,984; July 16.
- Queneau, A. L. J., New York, N. Y. Eliminating contaminating metals and metalloids from ores. 1,999,209; Apr. 30.
- Quereau, John F., assignor to Leeds & Northrup Company, Philadelphia, Pa. Thermopile. 1,988,858; Jan. 22.
- Querfurth, Wilhelm. (See Fuchs, O., and Querfurth.)
- Querfurth, Wilhelm, Constance, assignor to Deutsche Gold-und Silber-Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Production of ketones. 2,002,794; May 28.
- Questa, Eduard, Cologne-Lindenthal, Germany. Loosening, mixing and moistening tobacco. 1,993,857; Mar. 12.
- Quick, Alfred A., Thornbury, Victoria, Australia. Winch and like hoisting apparatus. 2,017,352; Oct. 15.
- Quick, Cecil G., Eltham, London, D. A. Ball, Beckenham, Kent, and W. A. Whitehead, Southall, England, assignors to Irving Trust Company, permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Cutting and stapling mechanism for printing machines. 1,995,781; Mar. 26.
- Quick, Cecil G., D. A. Ball, and T. R. Bennett, London, England, assignors to Irving Trust Company, receiver for R. Hoe & Co., Inc., New York, N. Y. Reel supporting mechanism for use in printing machines. 2,004,493; June 11.
- Quick, Cecil G., D. A. Ball, and W. A. Whitehead, London, England, assignors to Irving Trust Company, permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Folding mechanism for use in rotary printing machines. 2,019,930; Nov. 5.
- Quick, Cecil G., Eltham, London, and W. A. Whitehead, Southall, England, assignors to Irving Trust Company, permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Cutting and collecting mechanism for printing machines. 2,022,688; Dec. 3.
- Quick, Cecil G., Eltham, London, and T. R. Bennett, Willesden, London, England, assignors to R. Hoe & Co., Inc., New York, N. Y. Irving Trust Company, permanent trustee. Web printing machine. 2,026,434; Dec. 31.
- Quick, Paul H., assignor to Kingsboro Silk Mills, Inc., Gloversville, N. Y. Stop motion for warp knitting machines. 2,010,928; Aug. 13.
- Quick, Paul H., and E. W. Simpson, assignors to Kingsboro Silk Mills, Inc., Gloversville, N. Y. Automatic cloth roll winder. 1,986,746; Jan. 1.
- Quick, Roy R., Jr. (See Finley, Charles M., assignor.)
- Quick, Thomas E., Wichita, Kans. Internal combustion engine. 2,026,321; Dec. 31.
- Quigg, James T., Hoquiam, Wash. Shingle sawing machine. 2,025,474; Dec. 24.
- Quigg, Richard M., Miami, Fla. Package. 1,989,944; Feb. 5.
- Quigley Company. (See Knote, John M., assignor.)
- Quigley Company. (See Shillaber, Charles P., assignor.)
- Quillen, Bertram B. (See McClellan, R. H., Langen, and Quillen.)
- Quincy Stove Manufacturing Co. (See Hodgkin, E. B., Wodell, and Lange, assignors.)
- Quine, Harry L., Brooklyn, N. Y. Game. 2,006,176; June 25.
- Quinlan, Ann R. (See Quinlan, Eldridge W., and A. R.)
- Quinlan, Eldridge W., and A. R., Chicago, Ill. Light modifying device. 2,000,985; May 14.
- Quinn, Clara E., assignor to Drice Appliances Incorporated, Mount Vernon, Ill. Refrigerating apparatus. 2,024,599; Dec. 17.
- Quinn, Floyd P., W. Horrobin, and W. F. Hawkins, Vancouver, British Columbia, Canada. Reversing transmission. 2,004,827; June 11.
- Quinn, James, et al. (See Anderson, Fabian K., assignor.)
- Quinn, James, East Orange, and E. D. Martin, assignors, by mesne assignments, to T. A. Edison, Incorporated, West Orange, N. J. Converting rough metal into molded parts. 2,019,727; Nov. 5.
- Quinn, James C. (See Starke, R. W., Sims, and Quinn.)
- Quinn, Joseph M., Philadelphia, Pa. Increasing power. 1,995,010; Mar. 19.
- Quint, George, Woodside, N. Y. Refractory anchor. 2,021,610; Nov. 19.
- Quintavalle, Umberto, assignor to Fabbrica Italiana Magneti Marelli Società Anonima, Milan, Italy. Automatic brake actuating device for trailed vehicles. 1,997,117; Apr. 9.
- Quintavalle, Umberto, assignor to Fabbrica Italiana Magneti Marelli Società Anonima, Milan, Italy. Connector for electric cables. 2,012,770; Aug. 27.
- Quinte, Michael, Los Angeles, Calif. Height measuring apparatus. 2,018,416; Oct. 22.
- Quisenberry, Frank R., assignor of twenty-five per cent to F. E. Geary, twenty-five per cent to G. W. Mansfield, and twenty-five per cent to M. H. Sampson, and twenty-five per cent to N. L. Spenzler, Tampa, Fla. Closure forming awning. 2,004,674; June 11.
- Quisling, Sverre, Madison, Wis. Annealing, forming, and cutting machine. 1,990,092; Feb. 5.
- Quisling, Sverre, Madison, Wis. Secure fastening means. 1,990,955; Feb. 12.
- Quisling, Sverre, Madison, Wis. Game. 1,992,094; Feb. 19.
- Quisling, Sverre, Madison, Wis. Fuse plug. 2,013,289; Sept. 3.
- Quisling, Sverre, Madison, Wis. Combined preparing frame and printing device. 2,015,762; Oct. 1.
- Quisling, Sverre, Madison, Wis. Bag closure. 2,019,873; Nov. 5.
- Quisling, Sverre, Madison, Wis. Topical anæsthetic. 2,025,399; Dec. 24.
- Quisling, Sverre, Madison, Wis., assignor to Hookless Fastener Company, Meadville, Pa. Closure fastening means. 2,000,983; May 14.
- Qviller, Olaf, Oslo, Norway. Machine for removing water from wood pulp, cellulose, and the like. 1,995,011; Mar. 19.
- R-B-M Manufacturing Co. (See Dashner, Ralph L., assignor.)
- R-B-M Manufacturing Co. (See Morris, Marion W., assignor.)
- R. C. Can Company. (See Rutkowski, Walter L., assignor.)
- R. U. V. Engineering Corporation, The. (See Creighton, Harry M., assignor.)
- R. U. V. Engineering Corporation, The. (See Creighton, H. M., and Berndt, assignors.)
- Raabe, Herbert L., Baltimore, Md. Spring clamp. 1,989,823; Feb. 5.
- Rabald, Erich. (See Johannessohn, F., and Rabald.)
- Rabald, Erich. (See Müller, R., and Rabald.)
- Rabald, Erich, Mannheim, assignor to C. F. Boehringer & Soehle G. m. b. H., Mannheim-Waldhof, Germany. Combining acetylene with acetic acid. 2,011,011; Aug. 13.
- Rabanus, Wilhelm. (See Langer, M., and Rabanus.)
- Rabbit, Frank, Morris Hill, Md. Friction-clamped glare shield. 1,988,511; Jan. 22.
- Rabel, Ernest R., West Lafayette, Ind. Toy. 2,020,079; Nov. 5.
- Rabenda, Edward J., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,016,684; Oct. 8.
- Rabazzana, Hector. (See Randolph, D. W., and Rabazzana.)
- Rabazzana, Hector, Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Radio interference suppressor. 1,991,574; Feb. 19.
- Rabazzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Spark plug gap gauge. 1,993,896; Mar. 12.
- Rabazzana, Hector, Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Spark plug. 1,995,483; Mar. 26.
- Rabazzana, Hector, Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Making spark plugs. 2,003,464; June 4.
- Rabazzana, Hector, Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Machine for assembling spark plugs. 2,003,465; June 4.
- Rabazzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Spark plug cleaner. 2,018,741; Oct. 29.
- Rabazzana, Hector, Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Glow plug. 2,024,387; Dec. 17.

- Rabazzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Insulated electrode construction for spark plugs. 2,024,388; Dec. 17.
- Rabazzana, Hector, and A. J. Battey, Flint, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Spark plug cleaning device. 2,001,886; May 21.
- Rabazzana, Hector, and A. J. Battey, Flint, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Spark plug cleaning device. 2,001,887; May 21.
- Rabkin, Morris A., and A. S. Greenberg, New York, N. Y., assignors to Radio Corporation of America. Illuminated radio indicator. 1,985,948; Jan. 1.
- Rabkin, William. (See Laing, Torrance R., assignor.)
- Rabkin, William, New York, N. Y. Bulk dispensing device. 2,001,110; May 14.
- Rach, Reinhold R., and W. E., Detroit, Mich. Switch for electrically controlled signals. 1,986,527; Jan. 1.
- Rach, Reinhold R., and W. E., Detroit, Mich. Electric lamp socket. 2,016,557; Oct. 8.
- Rach, William E. (See Rach, Reinhold R., and W. E.)
- Racine, Charles A., and W. D. Graham, Newmarket, Ontario, Canada. Metal container. 1,988,962; Jan. 22.
- Racine Tool & Machine Company. (See Ott, Percy O., assignor.)
- Racklyeft, John W., Cleveland, Ohio. Washing machine mechanism. 2,019,582; Nov. 5.
- Racklyeft, John W., Cleveland, Ohio. Clutch mechanism. 2,024,947; Dec. 17.
- Racz, Ernest, assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,012,320; Aug. 27.
- Racz, Ernest, assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,022,823; Dec. 3.
- Racz, Ernest, and O. Cannon, assignors to Burroughs Adding Machine Company, Detroit, Mich. Paper equipment for calculating machines. 1,997,077; Apr. 9.
- Radcliffe, Robert S. (See Booge, J. E., and Radcliffe.)
- Rader, Ellsha L., Coeur d'Alene, Idaho. Salvaging equipment. 2,015,963; Oct. 1.
- Rader, Harold K. (See Mueller, O. B., Rader, Proctor, and Irving.)
- Radford, William H., assignor to Caterpillar Tractor Co., San Leandro, Calif. Guide. 2,009,591; July 30.
- Radhuber, Ferdinand. (See Gruna, A., and Radhuber.)
- Radial Hydrocarbon Processes, Inc. (See McRae, Randolph J., assignor.)
- Radiant Boiler Corporation. (See Yoder, Charles B., assignor.)
- Radinse, Rudolph R., Avon Lake, Ohio. Wire brush mounting. 2,000,612; May 7.
- Radioaktiengesellschaft D. S. Loewe. (See Kapteyn, Paul, assignor.)
- Radioaktiengesellschaft D. S. Loewe. (See Klingsporn, Kurt, assignor.)
- Radioaktiengesellschaft D. S. Loewe. (See von Ardenne, Manfred, assignor.)
- Radio Condenser Company. (See Cramer, Stanley S., assignor.)
- Radio Condenser Company. (See Koepping, Emil D., assignor.)
- Radio Corporation of America. (See Albersheim, Walter J., assignor.)
- Radio Corporation of America. (See Allen, Hugh E., assignor.)
- Radio Corporation of America. (See Allen, Viktor O., assignor.)
- Radio Corporation of America. (See Anderson, Leslie J., assignor.)
- Radio Corporation of America. (See Artzt, Maurice, assignor.)
- Radio Corporation of America. (See Baker, Judd O., assignor.)
- Radio Corporation of America. (See Ballantine, Stuart, assignor.)
- Radio Corporation of America. (See Barden, William S., assignor.)
- Radio Corporation of America. (See Barden, W. S., and Roberts, assignors.)
- Radio Corporation of America. (See Barton, Loy E., assignor.)
- Radio Corporation of America. (See Batsel, Max C., assignor.)
- Radio Corporation of America. (See Beane, E. A., and Andrews, assignors.)
- Radio Corporation of America. (See Bedford, Alda V., assignor.)
- Radio Corporation of America. (See Beers, George L., assignor.)
- Radio Corporation of America. (See Beverage, Harold H., assignor.)
- Radio Corporation of America. (See Beverage, H. H., and Peterson, assignors.)
- Radio Corporation of America. (See Bienfait, H., and van Zvet, assignors.)
- Radio Corporation of America. (See Bierwirth, Rudolph A., assignor.)
- Radio Corporation of America. (See Billings, H. P., and Hurst, assignors.)
- Radio Corporation of America. (See Black, Knox C., assignor.)
- Radio Corporation of America. (See Blair, Robert, assignor.)
- Radio Corporation of America. (See Blatterman, Albert S., assignor.)
- Radio Corporation of America. (See Bloomenthal, Sidney, assignor.)
- Radio Corporation of America. (See Bonanno, Joseph L., assignor.)
- Radio Corporation of America. (See Braden, Rene A., assignor.)
- Radio Corporation of America. (See Brett, George F., assignor.)
- Radio Corporation of America. (See Briggs, Joseph A., assignor.)
- Radio Corporation of America. (See Brown, John, assignor.)
- Radio Corporation of America. (See Brown, Vincent H., assignor.)
- Radio Corporation of America. (See Brump, Herbert L., assignor.)
- Radio Corporation of America. (See Buckle, Horace L. T., assignor.)
- Radio Corporation of America. (See Burlingame, Leslie G., assignor.)
- Radio Corporation of America. (See Burns, Robert H., assignor.)
- Radio Corporation of America. (See Byrnes, Irving F., assignor.)
- Radio Corporation of America. (See Cady, Walter G., assignor.)
- Radio Corporation of America. (See Callaban, J. L., and Mathes, assignors.)
- Radio Corporation of America. (See Callahan, J. L., Mathes, and Kahn, assignors.)
- Radio Corporation of America. (See Callahan, John L., and Brown, assignors.)
- Radio Corp. of America. (See Campbell, Richard L., assignor.)
- Radio Corporation of America. (See Carlisle, Richard W., assignor.)
- Radio Corporation of America. (See Carlson, W. L., and Landon, assignors.)
- Radio Corporation of America. (See Carter, Philip S., assignor.)
- Radio Corporation of America. (See Chevallier, Pierre E. L., assignor.)
- Radio Corporation of America. (See Chittick, Kenneth A., assignor.)
- Radio Corporation of America. (See Cioffari, Bernard, assignor.)
- Radio Corporation of America. (See Clay, Murray G., assignor.)
- Radio Corporation of America. (See Cobb, Howard L., assignor.)
- Radio Corporation of America. (See Conklin, James W., assignor.)
- Radio Corporation of America. (See Conklin, J. W., and Finch, assignors.)
- Radio Corporation of America. (See Cook, Ellsworth D., assignor.)
- Radio Corporation of America. (See Cook, Joseph F., Jr., assignor.)
- Radio Corporation of America. (See Cooley, Austin G., assignor.)
- Radio Condenser Company. (See Cramer, Stanley S., assignor.)
- Radio Corporation of America. (See Creager, Frederick L., assignor.)
- Radio Corporation of America. (See Creager, F. L., and Dewhurst, assignors.)
- Radio Corporation of America. (See Crosby, Murray G., assignor.)
- Radio Corporation of America. (See Curtiss, Arthur N., assignor.)
- Radio Corporation of America. (See deBellescize, Henri J. M. deR., assignor.)
- Radio Corporation of America. (See de Boer, J. H., and Teves, assignors.)
- Radio Corporation of America. (See De Tar, Donald R., assignor.)
- Radio Corporation of America. (See Dewhurst, Wallace W., assignor.)
- Radio Corporation of America. (See Dickey, Edward T., assignor.)
- Radio Corporation of America. (See Dijksterhuis, Popko R., assignor.)
- Radio Corporation of America. (See Dillenback, Garrett V. V., Jr., assignor.)
- Radio Corporation of America. (See Dimmick, Glenn L., assignor.)
- Radio Corporation of America. (See Ditcham, William T., assignor.)
- Radio Corporation of America. (See Dolbear, Benjamin L., assignor.)
- Radio Corporation of America. (See Douden, William L., assignor.)
- Radio Corporation of America. (See Dow, Jennints B., assignor.)
- Radio Corporation of America. (See Dowsett, Harry M., assignor.)
- Radio Corporation of America. (See Dowsett, H. M., and Walker, assignors.)
- Radio Corporation of America. (See Dowsett, H. M., Walker, and Levin, assignors.)
- Radio Corporation of America. (See Drake, Frederick H., assignor.)

- Radio Corporation of America. (See Drake, F. H., and Johanson, assignors.)
- Radio Corporation of America. (See Dubilier, William, assignor.)
- Radio Corporation of America. (See Eddison, Clifford, assignor.)
- Radio Corporation of America. (See Emersleben, Otto, assignor.)
- Radio Corporation of America. (See Emmens, Hendrik, assignor.)
- Radio Corporation of America. (See Emmens, H., and van Geel, assignors.)
- Radio Corporation of America. (See Emmert, Rodger J., assignor.)
- Radio Corporation of America. (See Engel, Francis H., assignor.)
- Radio Corporation of America. (See Essig, Sanford F., assignor.)
- Radio Corporation of America. (See Farnham, Paul O., assignor.)
- Radio Corporation of America. (See Farnham, P. O., and Asserson, assignors.)
- Radio Corporation of America. (See Forsythe, J. B., Brump, and Ellis, assignors.)
- Radio Corporation of America. (See Frantz, Samuel G., assignor.)
- Radio Corporation of America. (See Frantz, S. G., and McCutchen, assignors.)
- Radio Corporation of America. (See Friend, Halton H., assignor.)
- Radio Corporation of America. (See Gage, Edward G., assignor.)
- Radio Corporation of America. (See Gaubert, John Q., assignor.)
- Radio Corporation of America. (See Gaubert, J. Q., and Seabert, assignors.)
- Radio Corporation of America. (See Geffcken, H. H., and Richter.)
- Radio Corporation of America. (See Geffcken, H., Richter, and Möller, assignors.)
- Radio Corporation of America. (See George, Ralph W., assignor.)
- Radio Corporation of America. (See Gieskieng, Marion W., assignor.)
- Radio Corporation of America. (See Gill, Ernest W. B., assignor.)
- Radio Corporation of America. (See Glasgow, Roy S., assignor.)
- Radio Corporation of America. (See Goddard, De Witt R., assignor.)
- Radio Corporation of America. (See Goldsmith, Alfred N., assignor.)
- Radio Corporation of America. (See Goldstine, Hallan E., assignor.)
- Radio Corporation of America. (See Goldstine, H. E., and Conklin, assignors.)
- Radio Corporation of America. (See Gowen, R. F., and Bradford, assignors.)
- Radio Corporation of America. (See Green, E., and Robb, assignors.)
- Radio Corporation of America. (See Grimes, David, assignor.)
- Radio Corporation of America. (See Grimm, John E., assignor.)
- Radio Corporation of America. (See Guedon, Emile C., assignor.)
- Radio Corporation of America. (See Hammond, John H., Jr., assignor.)
- Radio Corporation of America. (See Hand, Erle H., assignor.)
- Radio Corporation of America. (See Hansell, Clarence W., assignor.)
- Radio Corporation of America. (See Hanson, Oscar B., assignor.)
- Radio Corporation of America. (See Harris, William A., assignor.)
- Radio Corporation of America. (See Hendrickson, E. J., and Winters, assignors.)
- Radio Corporation of America. (See Herold, Edward W., assignor.)
- Radio Corporation of America. (See Hirman, Julius, assignor.)
- Radio Corporation of America. (See Hoehn, John J., assignor.)
- Radio Corporation of America. (See Holmes, Ray H., assignor.)
- Radio Corporation of America. (See Hopkins, Alva R., assignor.)
- Radio Corporation of America. (See Hopping, Alvin S., assignor.)
- Radio Corporation of America. (See Horowitz, Alexandre, assignor.)
- Radio Corporation of America. (See Jenkins, Charles F., assignor.)
- Radio Corporation of America. (See Jensen, Paul E. G., assignor.)
- Radio Corporation of America. (See Jonker, Johan L. H., assignor.)
- Radio Corporation of America. (See Joyce, Thomas F., assignor.)
- Radio Corporation of America. (See Kahn, Alfred, assignor.)
- Radio Corporation of America. (See Kaplan, Samuel M., assignor.)
- Radio Corporation of America, et al. (See Karolus, A., assignor, Schröter, and Ilberg.)
- Radio Corporation of America. (See Keall, Oswald E., assignor.)
- Radio Corporation of America. (See Kellogg, Edward W., assignor.)
- Radio Corporation of America. (See Kennedy, O. D., and Mead, assignors.)
- Radio Corporation of America. (See Klett, Fred F., assignor.)
- Radio Corporation of America. (See Klinkert, Leonard, assignor.)
- Radio Corporation of America. (See Knapp, Harold D., assignor.)
- Radio Corporation of America. (See Koch, Winfield R., assignor.)
- Radio Corporation of America. (See Kreuzer, Barton, assignor.)
- Radio Corporation of America. (See Kroger, Fred H., assignor.)
- Radio Corporation of America. (See Lambert, G. J., and Meyjes, assignors.)
- Radio Corporation of America. (See Landon, Vernon D., assignor.)
- Radio Corporation of America. (See Larson, Iner J., assignor.)
- Radio Corporation of America. (See Larson, I. J., and Hoehn, assignors.)
- Radio Corporation of America. (See Lewis, Harold M., assignor.)
- Radio Corporation of America. (See Lindenblad, Nils E., assignor.)
- Radio Corporation of America. (See Linsell, Alfred A., assignor.)
- Radio Corporation of America. (See Loftis, Homer J., assignor.)
- Radio Corporation of America. (See Loomis, F. J., and Reynolds, assignors.)
- Radio Corporation of America. (See Loughlin, W. D., and Farnham, assignors.)
- Radio Corporation of America. (See Ludenia, Werner, assignor.)
- Radio Corporation of America. (See Lunnon, Frederick C., assignor.)
- Radio Corporation of America. (See Mallina, Rudolph F., assignor.)
- Radio Corporation of America. (See Mathes, Richard E., assignor.)
- Radio Corporation of America. (See Mathieu, Gaston A., assignor.)
- Radio Corporation of America. (See Mathieu, G. A., and Puckle, assignors.)
- Radio Corporation of America. (See Maurer, John A., Jr., assignor.)
- Radio Corporation of America. (See May, Russell P., assignor.)
- Radio Corporation of America. (See May, R. P., and Holden, assignors.)
- Radio Corporation of America. (See Miessner, Benjamin F., assignor.)
- Radio Corporation of America. (See Moore, John B., assignor.)
- Radio Corporation of America. (See Morlock, William J., assignor.)
- Radio Corporation of America. (See Moullin, Eric B., assignor.)
- Radio Corporation of America. (See Murphy, Francis M. G., assignor.)
- Radio Corporation of America. (See Myers, Joseph W., assignor.)
- Radio Corporation of America. (See Myers, J. W., and Atkins, assignors.)
- Radio Corporation of America. (See Newill, Edward B., assignor.)
- Radio Corporation of America. (See Newman, William E., assignor.)
- Radio Corporation of America. (See Nichols, H. J., and Brump, assignors.)
- Radio Corporation of America. (See Nordlohne, P. J. H. A., and van Minnen, assignors.)
- Radio Corporation of America. (See Numans, Johannes J., assignor.)
- Radio Corporation of America. (See Nyman, Alexander, assignor.)
- Radio Corporation of America. (See O'Brien, William J., assignor.)
- Radio Corporation of America. (See O'Donovan, Daniel E., assignor.)
- Radio Corporation of America. (See O'Donovan, D. E., and Nixon, assignors.)
- Radio Corporation of America. (See Offenhauser, William H., Jr., assignor.)
- Radio Corporation of America. (See Olson, Harry F., assignor.)
- Radio Corporation of America. (See Oosterhuis, Ekko, assignor.)
- Radio Corporation of America. (See Orth, Richard T., assignor.)
- Radio Corporation of America. (See Parkin, Thomas D., assignor.)
- Radio Corporation of America. (See Perkins, Laurence M., assignor.)
- Radio Corporation of America. (See Peterson, Harold O., assignor.)

- Radio Corporation of America. (See Peterson, H. O., and Goddard, assignors.)
 Radio Corporation of America. (See Pettengill, G. W., and Haigis, assignors.)
 Radio Corporation of America. (See Pfister, Arthur, assignor.)
 Radio Corporation of America. (See Pickard, Greenleaf W., assignor.)
 Radio Corporation of America. (See Piper, Ralph W., assignor.)
 Radio Corporation of America. (See Planck, Russell M., assignor.)
 Radio Corporation of America. (See Pomeroy, Roy J., assignor.)
 Radio Corporation of America. (See Posthumus, Klaas, assignor.)
 Radio Corporation of America. (See Posthumus, K., and Weijers, assignors.)
 Radio Corporation of America. (See Posthumus, K., and Weyers, assignors.)
 Radio Corporation of America. (See Powers, Stephen J., assignor.)
 Radio Corporation of America. (See Pray, George E., assignor.)
 Radio Corporation of America. (See Price, Thomas H., assignor.)
 Radio Corporation of America. (See Rabkin, M. A., and Greenberg, assignors.)
 Radio Corporation of America. (See Ranger, R. H., Braman, and Nelson, assignors.)
 Radio Corporation of America. (See Reid, John D., assignor.)
 Radio Corporation of America. (See Reynolds, Ellwood W., assignor.)
 Radio Corporation of America. (See Ringel, Abraham S., assignor.)
 Radio Corporation of America. (See Rinia, H., and van Embden, assignors.)
 Radio Corporation of America. (See Roberts, Walter van B., assignor.)
 Radio Corporation of America. (See Robinson, Francis E., assignor.)
 Radio Corporation of America. (See Rose, George M., Jr., assignor.)
 Radio Corporation of America. (See Rotter, Laszlo, assignor.)
 Radio Corporation of America. (See Round, Henry J., assignor.)
 Radio Corporation of America. (See Round, H. J., and Rust, assignors.)
 Radio Corporation of America. (See Runge, F. E., and Zimmerman, assignors.)
 Radio Corporation of America. (See Rust, Noel M., assignor.)
 Radio Corporation of America. (See Salzberg, Bernard, assignor.)
 Radio Corporation of America. (See Schäffer, Walter, assignor.)
 Radio Corporation of America. (See Schuetz, Robert F., assignor.)
 Radio Corporation of America. (See Schulz, Walter A., assignor.)
 Radio Corporation of America. (See Scofield, Theodore J., assignor.)
 Radio Corporation of America. (See Seeley, Stuart W., assignor.)
 Radio Corporation of America. (See Shepard, Francis H., Jr., assignor.)
 Radio Corporation of America. (See Shillenn, Philip A., assignor.)
 Radio Corporation of America. (See Shore, Henry, assignor.)
 Radio Corporation of America. (See Sinnett, Chester M., assignor.)
 Radio Corporation of America. (See Sinnett, C. M., and Karns, assignors.)
 Radio Corporation of America. (See Six, Willem, assignor.)
 Radio Corporation of America. (See Smith, Douglas Y., assignor.)
 Radio Corporation of America. (See Smith, S. B., and Tweed, assignors.)
 Radio Corporation of America. (See Smith, Theodore A., assignor.)
 Radio Corporation of America. (See Snider, Paul J., assignor.)
 Radio Corporation of America. (See Snoek, Jacob L., assignor.)
 Radio Corporation of America. (See Spencer, Richard K., assignor.)
 Radio Corporation of America. (See Starrett, John S., assignor.)
 Radio Corporation of America. (See Sternberg, Theodore A., assignor.)
 Radio Corporation of America. (See Stewart, James G., assignor.)
 Radio Corporation of America. (See Stupakoff, S. H., Falloz, and Suter, assignors.)
 Radio Corporation of America. (See Tellegen, Bernardus D. H., assignor.)
 Radio Corporation of America. (See Terry, Clifford B., assignor.)
 Radio Corporation of America. (See Thomas, Adolph A., assignor.)
 Radio Corporation of America. (See Thompsett, Harry A., assignor.)
 Radio Corporation of America. (See Thompson, Browder J., assignor.)
 Radio Corporation of America. (See Timmer, Anton L., assignor.)
 Radio Corporation of America. (See Tolson, William A., assignor.)
 Radio Corporation of America. (See Trainer, Merrill A., assignor.)
 Radio Corporation of America. (See Travis, Charles, assignor.)
 Radio Corporation of America. (See Trevor, Bertram, assignor.)
 Radio Corporation of America. (See Tubbs, Ernest A., assignor.)
 Radio Corporation of America. (See Usselman, George L., assignor.)
 Radio Corporation of America. (See Vance, Arthur W., assignor.)
 Radio Corporation of America. (See van der Pol, B., and Veldhuyzen, assignors.)
 Radio Corporation of America. (See van der Pol, B., and van der Mark, assignors.)
 Radio Corporation of America. (See Van der Ven, A. J. H., Van der Mark, and Tellegen, assignors.)
 Radio Corporation of America. (See van Geel, W. C., and Emmens, assignors.)
 Radio Corporation of America. (See Van Gessel, Karel M., assignor.)
 Radio Corporation of America. (See Van Slooten, Jacob, assignor.)
 Radio Corporation of America. (See Van Urk, Arend T., assignor.)
 Radio Corporation of America. (See van Urk, A. T., and Peusken, assignors.)
 Radio Corporation of America. (See Verman, L. C., and Richards, assignors.)
 Radio Corporation of America. (See Vermeulen, Roelof, assignor.)
 Radio Corporation of America. (See Vermeulen, R., and van Urk, assignors.)
 Radio Corporation of America. (See Wallace, Richard E., assignor.)
 Radio Corporation of America. (See Ward, Albert K., assignor.)
 Radio Corporation of America. (See Ward, A. K., and Craig, assignors.)
 Radio Corporation of America. (See Webster, William S., assignor.)
 Radio Corporation of America. (See Weiller, Paul G., assignor.)
 Radio Corporation of America. (See Wein, Samuel, assignor.)
 Radio Corporation of America. (See Weinberger, Julius, assignor.)
 Radio Corporation of America. (See Wells, Norman, assignor.)
 Radio Corporation of America. (See West, Arthur G. D., assignor.)
 Radio Corporation of America. (See Whitaker, Alfred, assignor.)
 Radio Corporation of America. (See Whitaker, James N., assignor.)
 Radio Corporation of America. (See Whitaker, J. N., and Shore, assignors.)
 Radio Corporation of America. (See Whyte, Samuel, assignor.)
 Radio Corporation of America. (See Willans, Peter W., assignor.)
 Radio Corporation of America. (See Williams, Richard M., assignor.)
 Radio Corporation of America. (See Wilmotte, Raymond M., assignor.)
 Radio Corporation of America. (See Winchell, Arthur B., assignor.)
 Radio Corporation of America. (See Witts, Alfred T., assignor.)
 Radio Corporation of America. (See Wolff, Irving, assignor.)
 Radio Corporation of America. (See Woodard, Randolph A., assignor.)
 Radio Corporation of America. (See Woods, Fred, assignor.)
 Radio Corporation of America. (See Wright, G. M., and Smith, assignors.)
 Radio Corporation of America. (See Yolles, Jacob, assignor.)
 Radio Corporation of America. (See Young, Lloyd L., assignor.)
 Radio Corporation of America. (See Young, L. L., and Finch, assignors.)
 Radio Corporation of America. (See Zadig, Ernest A., assignor.)
 Radio Corporation of America. (See Zimmer, Raymond M., assignor.)
 Radio Corporation of America. (See Zimmerman, Arthur G., assignor.)
 Radio Corporation of America. (See Zschach, Reinhold, assignor.)
 Radio Corporation of America. (See Zworykin, Vladimir K., assignor.)
 Radio Corporation of America. (See Zworykin, V. K., and Batchelor, assignors.)
 Radio Inventions, Inc. (See Alden, Milton, assignor.)

- Radio Inventions, Inc. (See Donle, Harold P., assignor.)
 Radio Inventions, Incorporated. (See Felix, Edgar H., assignor.)
 Radio Inventions, Inc. (See Hogan, John V. L., assignor.)
 Radio Inventions, Inc. (See Kayatt, Philip J., assignor.)
 Radio-Keith-Orpheum Corp. (See Maresca, James V., assignor.)
 Radio-Keith-Orpheum Corporation. (See Townsend, Percival J., assignor.)
 Radio Patents Corporation. (See Asch, Erich, assignor.)
 Radio Patents Corporation. (See Dobrusskin, Sajwell, assignor.)
 Radio Patents Corporation. (See Geffcken, Heinrich, assignor.)
 Radio Patents Corporation. (See Geffcken, Heinrich H., assignor.)
 Radio Patents Corporation. (See Geffcken, H. H., and Richter, assignors.)
 Radio Patents Corporation. (See Nyman, Alexander, assignor.)
 Radio Patents Corporation. (See Plebanski, Josef, assignor.)
 Radio Patents Corporation. (See Schröter, Fritz, assignor.)
 Radio Products Company, The. (See Jackson, Paul F., assignor.)
 Radio Receptor Co. Inc. (See Saxl, Irving J., assignor.)
 Radio Research Laboratories Inc. (See Haffcke, Philip M., assignor.)
 Radio Research Laboratories Inc. (See Heany, J. A., and St. Laurent, assignors.)
 Radio Research Laboratories Inc. (See St. Laurent, Herbert, assignor.)
 Radio Steel & Mfg. Co. (See Martinello, Rudolph, assignor.)
 Radio Steel & Mfg. Co. (See Pasin, Antonio, assignor.)
 Radio Systems, Inc. (See Satterlee, F. L., and Kolozsy, assignors.)
 Radius, Edward W. (See Jones, L. F., and Radius.)
 Radke, William. (See Zilles, C. C., and Radke.)
 Radley, Fred T., Ceres, and J. M. Sponsler, Visalia, Calif. Flowerpot and blank for making same. 1,998,637; Apr. 23.
 Radtke, Bruno, Libertyville, assignor to Mills Novelty Company, Chicago, Ill. Vending machine. 2,004,418; June 11.
 Radtke, Bruno, assignor to J. F. Meyer, Chicago, Ill. Coin chute. 2,008,038; July 16.
 Radtke, Bruno, assignor to J. F. Meyer, Chicago, Ill. Game apparatus. 2,012,519; Aug. 27.
 Radtke, Bruno, assignor to J. F. Meyer, Chicago, Ill. Game apparatus. 2,025,823; Dec. 31.
 Rady, John M. (See Rady, Joseph and J. M., and Winn.)
 Rady, Joseph and J. M., and C. R. Winn, Kansas City, Mo. Electromagnetic gun. 1,987,912; Jan. 15.
 Radzinsky, Harry. (See Brell, Jules J., assignor.)
 Radzinsky, Harry, et al. (See Hendrich, Max W., assignor.)
 Raack, Max, Dessau-in-Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Soluble orthohydroxyazo dye and its production. 2,019,830; Nov. 5.
 Rafanelli, Cesare. (See Ferrari, A. Scalone, and Rafanelli.)
 Raffinerie Tirlémontoise, Societe Anonyme. (See Bergé, Julien, assignor.)
 Raffles, Frank, Chicago, Ill. Heating element. 2,014,196; Sept. 10.
 Raffo, Emile A., New York, N. Y. Attachment for hospital beds. 2,008,770; July 23.
 Raffold Process Corporation. (See Rafton, Harold R., assignor.)
 Rafter, Albert, Glen Ridge, assignor to Rafter Machine Company, Belleville, N. J. Metal frames for constructing building boards. 2,005,301; June 18.
 Rafter, Albert, Glen Ridge, N. J., assignor to Rafter Machine Company, Belleville, N. J. Bending machine for making metal tubes. 2,007,284; July 9.
 Rafter Machine Company. (See Rafter, Albert, assignor.)
 Rafter, Erik, assignor of one-half to Aktiebolaget Radius, Stockholm, Sweden. Automatic, continuously variable gear. 1,991,820; Feb. 19.
 Rafton Engineering Corporation. (See Rafton, Harold R., assignor.)
 Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Colloid mill and operating the same. 1,987,944; Jan. 15.
 Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Composition of matter and making the same. 1,993,750; Mar. 12.
 Rafton, Harold R., Andover, Mass., assignor to Rafton Engineering Corporation. Method and apparatus for separating and washing materials. 1,997,915; Apr. 16.
 Rafton, Harold R., Andover, Mass., assignor to Rafton Engineering Corporation. Wire cloth supporting and attaching means. 2,015,087; Sept. 24.
 Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper manufacture. 2,020,328; Nov. 12.
 Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper treating means. 2,024,248; Dec. 17.
 Rafuse, Irad S. (See Keller, A. C., and Rafuse.)
 Ragan, Ralph, Atlanta, Ga. Variable speed friction drive. 1,989,112; Jan. 29.
 Ragan, Ralph, Atlanta, Ga., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Heddle bar supporting means. 1,994,286; Mar. 12.
 Ragan, Ralph, Atlanta, Ga., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Support for heddle bars. 2,002,548; May 28.
 Ragatz, Edward G. (See Aldridge, B. G. and Ragatz.)
 Ragatz, Edward G., assignor to Union Oil Company of California, Los Angeles, Calif. Absorption of gases. 1,987,267; Jan. 8.
 Rago, Vincent, Chicago, Ill. Tailor's chalk sharpener. 2,022,299; Nov. 26.
 Ragonnet, Eugene L., assignor to Air Reduction Company, Incorporated, New York, N. Y. Vehicular gas cylinder apparatus. 2,011,347; Aug. 13.
 Ragot, Charles L. (See Kindelmann, A., and Ragot.)
 Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Radiator construction. 1,990,752; Feb. 12.
 Ragsdale, Earl J. W., Norristown, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airplane wing structure. 1,999,372; Apr. 30.
 Ragsdale, Earl J. W., Norristown, assignor to Budd Wheel Company, Philadelphia, Pa. Braking member. 2,004,829; June 11.
 Ragsdale, Earl J. W., Norristown, assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle brake. 2,006,470; July 2.
 Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sheet metal structure. 2,007,898; July 9.
 Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Wing float. 2,009,344; July 23.
 Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Aerofoil and making same. 2,019,272; Oct. 29.
 Ragsdale, Earl J. W., Norristown, Pa., and R. B. Temple, Detroit, Mich. Assignors to Budd Wheel Company, Philadelphia, Pa. Airplane brake. 1,990,252; Feb. 5.
 Ragsdale, John B. (See Wright, J. C., and Ragsdale.)
 Ragsdale, Tom M., and D. J. Conant, Memphis, Tenn. Trench pump. 2,024,703; Dec. 17.
 Raguin, Georges A., Lyon, assignor to "Société Lumière", Paris, France. Production of cinematographic films. 2,016,217; Oct. 1.
 Raguin, Georges A., Lyon, assignor to "Société Lumière", Paris, France. Cinematographic film in natural colors. 2,025,671; Dec. 24.
 Rah, Joseph, assignor to The Delta Star Electric Company, Chicago, Ill. High potential or current indicator. 2,004,392; June 11.
 Rah, Joseph C., assignor to Delta-Star Electric Company, Chicago, Ill. Link connector and safety insulation for same. 2,014,586; Sept. 17.
 Rah, Joseph C., and N. G. Polgov, assignors to Delta-Star Electric Company, Chicago, Ill. Molded insulated bus bar. 1,992,392; Feb. 26.
 Rah, Joseph C., M. Stene, and E. S. Cornell (formerly Corneliussen), assignors to The Delta-Star Electric Company, Chicago, Ill. Switch. 1,998,589; Apr. 23.
 Rahbek, Knud, Copenhagen, Denmark. Electroadhesion apparatus. 2,025,123; Dec. 24.
 Raiche, Andrew, Quincy, Mass., assignor to The National Marking Machine Company, Cincinnati, Ohio. Stock feeder for punch presses. 1,988,284; Jan. 15.
 Raiche, Paul A., Providence, R. I. Apparatus for coating. 1,991,118; Feb. 12.
 Raiche, Paul A., Providence, R. I., assignor to Davol Rubber Co. Method and apparatus for trimming molded articles. 1,944,178; Mar. 12.
 Raible, Julius. (See Staehlecker, W., and Raible.)
 Raiber, Mordeco. (See Babenco, M., Bachrach, and Raiber.)
 Rail Joint Company, The. (See Braine, Bancroft G., assignor.)
 Rail Joint Company, The. (See Payne, Ralph W., assignor.)
 Rail Joint Company, The. (See Schermerhorn, Edwards F., assignor.)
 Railroad Accessories Corporation. (See Deems, Edward M., assignor.)
 Railroad Accessories Corporation. (See Lavarack, William H. B., assignor.)
 Railroad Accessories Corporation. (See Lundy, Beverly A., assignor.)
 Railway Devices Company. (See Pietzsch, F. H., Habenicht, and Campbell, assignors.)
 Railway and Industrial Engineering Company. (See Kast, Samuel H., assignor.)
 Railway and Industrial Engineering Company. (See Kerr, Benjamin W., assignor.)
 Railway and Industrial Engineering Company. (See Massey, H. B., and Maseng, assignors.)
 Railway & Industrial Engineering Company. (See Medlin, John P., assignor.)
 Railway and Industrial Engineering Company. (See Rudd, H. H., and Sparks, assignors.)
 Railway Maintenance Corporation. (See McWilliams, J. B., and Merk, assignors.)
 Railway Metal Products Company. (See Gilpin, Garth G., assignor.)
 Rain Machine, Ltd., et al. (See Balaam, Maurice A., assignor.)
 Rainboth, Edward L., Thetford Mines, Quebec, Canada. Survey plug. 1,995,398; Mar. 26.

- Raines, Morris A., Washington, D. C. Receptacle for growing plants. 2,026,322; Dec. 31.
- Rainey, Austin B. Titusville and W. J. Rainey, Grove City, Pa. Scissors sharpener. 2,002,868; May 28.
- Rainey, Paul M. (See Adams, A. H., and Rainey.)
- Rainey, William J. (See Rainey, Austin E. and W. J.)
- Rainier, Harry, Los Angeles, Calif. Vehicle door window construction. 2,018,872; Oct. 29.
- Rainsford, Thomas F., assignor to The Automatic Gear Corporation, Cleveland, Ohio. Automatic reduction gear. 2,022,689; Dec. 3.
- Raisch, Albert G., San Francisco, Calif. Building construction. 2,021,637; Nov. 19.
- Raisch, William. (See McEver, W. L., and Raisch.)
- Raisch, William, Forest Hills, N. Y., assignor to Municipal Sanitary Service Corporation. Activated sludge sewage treatment. 1,999,058; Apr. 23.
- Raisch, William, Forest Hills, N. Y., assignor to Municipal Sanitary Service Corporation, New York, N. Y. Automatic screening and filtering apparatus. 2,013,971; Sept. 10.
- Raisin, Jack, Burlingame, Calif. Container. 1,996,975; Apr. 9.
- Raison, Joseph. (See Kuntziger, J., Delacourt, and Raison.)
- Raiziss, George W., Philadelphia, Pa., assignor to Abbott Laboratories, North Chicago, Ill. Mercury derivatives of nitro-para-cresols. 1,985,949; Jan. 1.
- Raiziss, George W., and A. I. Kremens, Philadelphia, Pa., assignors to Abbott Laboratories, North Chicago, Ill. Purified neosphenamine and preparing the same. 2,020,655; Nov. 12.
- Rajah Company, The. (See Bell, Robert A., assignor.)
- Rajo Motor Company. (See Jagersberger, Joseph W., assignor.)
- Raju Holding Company. (See Barlow, James A., assignor.)
- Rakula, Theodore, and F. Herlach, assignors to Waffenfabrik Solothurn A. G., Solothurn, Switzerland. Automatic firearm. 2,015,908; Oct. 1.
- Rakula, Theodore. (See Herlach, F., and Rakula.)
- Rall, Eugene F., and A. Kenitzer, Hoxie, Kans. Grain lifting reel. 2,008,470; July 16.
- Rall, Harry T. (See Smith, H. M., Grandone, and Rall.)
- Rall, Harry T. (See Smith, H. M., and Rall.)
- Rall, Ottmar, Zurich, Switzerland. Projecting lamp for motor vehicles. 2,006,249; June 25.
- Rally, Jeanne Y., Hollywood, Calif. Lip shield. 2,023,900; Dec. 10.
- Ralph C. Coxhead Corporation. (See Trego, Frank H., assignor.)
- Ralph, Frank J., Thorpe Bay, England. Coin-freed amusement apparatus. 2,017,016; Oct. 8.
- Ralston, Albert A., Fort Wayne, Ind., assignor to General Electric Company. Oil separator for refrigerating systems. 2,023,241; Dec. 3.
- Ralston, Anderson W., assignor to Armour and Company, Chicago, Ill. Pyrolytically treating higher fatty acid substances. 1,991,955; Feb. 19.
- Ralston, Anderson W., assignor to Armour and Company, Chicago, Ill. Fatty acid cracking in the presence of aromatic amines. 1,991,956; Feb. 19.
- Ralston, Harry J., assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Jail lock system and equipment. 2,023,437; Dec. 10.
- Ralston, Louis T. M., and E. D. Bottsford, New York, N. Y., assignors to Chelva Heat, Inc., Newark, N. J. Electrical heating device. 2,000,455; May 7.
- Ralston, Oliver C., assignor to United Verde Copper Company, Clarkdale, Ariz. Concentration of minerals. 1,995,817; Mar. 26.
- Ralston, Oliver C., Clarkdale, and K. M. Baum, deceased, Yuma; E. J. Culligan, administrator of K. M. Baum, assignor to Arizona Minerals Corporation, Yuma, Ariz. Production of base exchange and similar materials. 1,990,751; Feb. 12.
- Ralston, Oliver C., and C. R. King, Clarkdale, Ariz., assignors, by mesne assignments, to Phelps Dodge Corporation, New York, N. Y. Froth flotation process. 2,012,830; Aug. 27.
- Ralston Scale Corporation. (See Schmalholz, Elmer, assignor.)
- Ralston, Shirley B., Bearsden, Glasgow, Scotland. Apparatus for graphically ascertaining the stability and trim of ships under assumed loads. 2,023,548; Dec. 10.
- Ramage, William D. (See Hirschkind, W., Ramage, and Bender.)
- Ramage, William D., Pittsburg, assignor to Great Western Electro-Chlorpicrin Company, San Francisco, Calif. Producing chlorpicrin. 1,996,388; Apr. 2.
- Ramano Ajax Corporation. (See Strong, J. B., and Huber, assignors.)
- Rambush, Niels E., and J. M. Ballingall, Stockton-on-Tees, England, assignors to The Power Gas Corporation Limited, Stockton-on-Tees, England. Water gas plant. 2,009,786; July 30.
- Ramin, Jean R., Paris, France. Continuously variable change speed gear. 2,018,533; Oct. 22.
- Ramlau, Paul N., assignor to Gosudarstvennoje Ussojuznoje Objedinenje Elektrolabotnochnoj Promyshlennosti, Leningrad, Union of Soviet Socialist Republics. Amplifier. 2,021,638; Nov. 19.
- Ramsaur, Walter R. (See Emmons, W. O., and Ramsaur.)
- Ramsay, Dennis M. (See Ericson, G. R., and Ramsay.)
- Ramsay, William A. (See Hoogs, William H., assignor.)
- Ramsdell, Charles C., Springfield, and D. C. Elliot, West Springfield, Mass., assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Water heating apparatus. 2,008,155; July 16.
- Ramsden, Benjamin, Shalford, England. Preventing the formation of scum or skin on the top of milk or other liquids. 1,990,918; Feb. 12.
- Ramsden, Louis A., Failsworth, England. Automatic intermittent switch. 1,990,566; Feb. 12.
- Ramser, Hans, Berlin-Steglitz, assignor to the firm Edelmann Gesellschaft m. b. H., Berlin, Germany. Dewaxing of hydrocarbons. 2,009,454; July 30.
- Ramsey Accessories Manufacturing Corporation. (See Marien, Charles A., assignor.)
- Ramsey, George, et al. (See Leonard, William, assignor.)
- Ramsey, George, Brooklyn, N. Y. Method and apparatus for volume control. 2,002,831; May 28.
- Ramsey, George, Brooklyn, N. Y. Television device. 2,018,873; Oct. 29.
- Ramsey, Joseph H., Albany, N. Y. Bottle closure. 2,005,753; June 25.
- Ramstach, Erich, assignor of one-half to W. Winkler, Milwaukee, Wis. Automatic air control for combustion engines. 2,021,379; Nov. 19.
- Ramstad, George E., Milwaukee, Wis. Lady's compact. 1,998,523; Apr. 23.
- Ranauro, Armando, Hudson, assignor of one-third to G. Russell and one-third to A. W. Brobst, Wilkes-Barre, Pa. Safety toe cap. 2,007,728; July 9.
- Rancho Cuyamaca. (See Dyr, Ralph M., assignor.)
- Ranck, John V., Mountain Lakes, N. J. Unicycle. 2,019,728; Nov. 5.
- Rand, Benjamin G., North Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Card index file. 1,999,157; Apr. 23.
- Rand, Benjamin G., North Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Divider for files. 2,007,547; July 9.
- Rand, Benjamin G., North Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Paper fastener. 2,015,461; Sept. 24.
- Rand, Benjamin G., North Tonawanda, and E. G. Layer, Kenmore, assignors to Remington Rand Inc., Buffalo, N. Y. Index device. 2,015,460; Sept. 24.
- Rand, McNally & Company. (See Pohlman, Edward J., assignor.)
- Rand, Monte C., Mount Horeb, Wis. Music container. 2,016,176; Oct. 1.
- Rand, Rufus R., Jr., Wayzata, Minn. Amphibian aeroplane. 2,003,975; June 4.
- Randa, General Conrad, Executors, et al. (See de Beaufort, J. M. E., and Lederer.)
- Randall, Boardman M., Portsmouth, N. H., and H. N. Knowlton, South Duxbury, assignors to St. Croix Lumber Company, Boston, Mass. Composite board and box made therefrom. 1,997,344; Apr. 9.
- Randall Company, The. (See Randall, Howard D., assignor.)
- Randall, Frederick C. (See Levesley, A. S., and Randall.)
- Randall, Harry W., St. Johnsbury Vt. Apparatus for clearing cesspools of ice. 2,014,031; Sept. 10.
- Randall, Howard D., assignor to The Randall Company, Cincinnati, Ohio. Machine for spot-welding on metal. 1,999,617; Apr. 30.
- Randall, Howard D., assignor to The Randall Company, Cincinnati, Ohio. 2,020,799; Nov. 12.
- Randall, James W. H., New York, N. Y. Fire kindler. 2,015,964; Oct. 1.
- Randall, James W. H., New York, N. Y., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated glass. 2,022,479; Nov. 26.
- Randall, John C. (See Strickler, C. K., and Randall.)
- Randall, John T., Ruislip, England, assignor to General Electric Company. Manufacture of thermionic cathodes for electric discharge devices. 1,990,204; Feb. 5.
- Randall, John T., N. L. Harris, and John W. Ryde, Middlesex, England, assignors to General Electric Company. Auxiliary electrode. 2,009,205; July 23.
- Randall, Joseph W., assignor to Davis & Furber Machine Company, North Andover, Mass. Bunch building spinning mule. 2,008,039; July 16.
- Randall, Martin H., Beach Bluff, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and the manufacture thereof. 2,005,048; June 18.
- Randall, Meredith S., assignor to Woodall Industries Incorporated, Detroit, Mich. Constructing door panels. 1,998,590; Apr. 23.
- Randall, Walter. (See Weaver, E. C., and Randall.)
- Randall, Walter H., Waterville, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine. Apparatus for drying molded pulp articles. 2,017,017; Oct. 8.
- Randel, Bo F., San Diego, Calif. Refrigerator and heating. 1,993,300; Mar. 5.
- Randle, Ira R., and H. R. McCune, Decatur, Ill. Cutting tool. 2,018,149; Oct. 22.
- Randlett, Albert J., Richmond, Va. Feed board attachment for flat work ironing machines. 2,003,902; June 4.
- Randolph, Charles P., Oak Park, assignor to Edison General Electric Appliance Company, Chicago, Ill. Electric toaster. 2,005,635; June 18.
- Randolph, Charles P., Oak Park, and S. Eskin, Chicago, assignors to Edison General Electric Appliance Company, Chicago, Ill. Temperature control device. 2,024,876; Dec. 17.

- Randolph, Donald W. (See McCarty, J. E., and Randolph.)
 Randolph, Donald W., Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Spark plug electrode. 2,001,888; May 21.
 Randolph, Donald W., and R. H. Mitchell, Flint, assignors, by mesne assignments to General Motors Corporation, Detroit, Mich. Temperature compensator. 1,988,568; Jan. 22.
 Randolph, Donald W., and H. Rabezzana, Flint, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Spark generating system. 2,003,466; June 4.
 Randolph, Donald W., and J. T. Ford, Flint, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Spark plug electrode. 2,003,467; June 4.
 Randolph, William L. (See Yarger, Milton R., assignor.)
 Raney, Charles E. (See Hans, T., and Raney.)
 Raney, Charles E., Newburgh, N. Y., assignor to Del. I. du Pont de Nemours & Company, Wilmington, Del. Resistant material. 2,012,108; Aug. 20.
 Raney, Clemma R. (See Johnston, E. A., Raney, and Johnson.)
 Raney, Clemma R. (See Johnston, E. A., Raney and Millard.)
 Raney, Clemma R., Riverside, Ill. Phonograph. 1,988,180; Jan. 15.
 Raney, Estel C., Columbus, Ohio. Automatic orchard heater igniter. 1,988,512; Jan. 22.
 Raney, Estel C., Columbus, Ohio. Refrigerating apparatus. 2,007,342; July 9.
 Raney, Marion H., Flushing, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Sealed package and parts thereof. 2,005,349; June 18.
 Ranger Fastener Corporation. (See Pruzan, Barney, assignor.)
 Ranger, Richard H. (See Williams, Richard M., assignor.)
 Ranger, Richard H., Newark, N. J. Apparatus for producing musical sounds. 1,991,522; Feb. 19.
 Ranger, Richard H., Newark, N. J., and V. T. Brame, and C. E. Nelson, Brooklyn, N. Y., assignors to Radio Corporation of America. Air controlled speed regulator. 2,003,552; June 4.
 Ranger, Richard H., Newark, N. J. Apparatus for producing musical tones. 2,018,924; Oct. 29.
 Ranger, William F., Streator, Ill. Concrete reinforcement. 1,986,528; Jan. 1.
 Ranieri, Luigi, Rome, Italy. Motion picture projection apparatus. 1,991,957; Feb. 19.
 Rank, Fritz, Sarkov, Turkey. Apparatus for driving and steering ships. 1,999,255; Apr. 30.
 Rankin, Julius D., Yonkers, assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Package. 2,000,251; May 7.
 Rankin, Lanning P., Norton, Kans., assignor to Hercules Powder Company, Wilmington, Del. Ozonization products of terpene alcohols and producing. 2,002,583; May 28.
 Rankin, Lee H., Johnstown, Pa. Jewel box. 2,009,905; July 30.
 Rankin, Melville B. (See Henton, S. C., and Rankin.)
 Rankin, William K., Lansdowne, Pa., assignor to General Electric Company. Vacuum fuse. 1,991,228; Feb. 12.
 Ranney, Leo, New York, N. Y., assignor of one-tenth to J. H. Hayes, Greens Farms, Conn. Degassing coal and other carbonaceous material in situ. 1,992,323; Feb. 26.
 Ransom, Harrison S., Moline, Ill. Mark-out cabinet for press make-ready. 2,000,537; May 7.
 Ransom, Lewis L., Jersey City, N. J. System and method of heat exchange between liquids. 2,006,512; July 2.
 Ransom, William R. (See McGaughan, H. T., and Ransom.)
 Rantsch, Kurt. (See Arnl, H., Fischer, and Rantsch.)
 Rantsch, Kurt. (See Fischer, F., Strecker, and Rantsch.)
 Rantsch, Kurt, Teltow-Seehof, near Berlin, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Device for working with lenticulated films. 2,011,263; Aug. 13.
 Rantsch, Kurt, Teltow-Seehof, near Berlin, and W. Ewald, Berlin-Lichterfelde-Ost, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Optical reversing system. 2,009,816; July 30.
 Rantsch, Kurt, Teltow-Seehof, near Berlin, Germany, assignor to Opticolor, Aktiengesellschaft, Glarus, Switzerland. Objectives for taking, printing, and projecting lenticular films. 2,022,978; Dec. 3.
 Rapay A.-G., Haus Felsenau. (See Schlagintweit, Friedrich, assignor.)
 Raper, Alan R., Ealing, London, England, assignor to The International Nickel Company, Inc., New York, N. Y. Electro deposition of platinum metals. 1,993,623; Mar. 5.
 Rapidol Distributing Corp. (See Rever, Lee B., assignor.)
 Rapinet, Hamilton P., London, England. Adjustable wrench. 2,026,001; Dec. 31.
 Rapisarda, Edward D., Agawam, Mass. Candy cleaning mechanism. 2,018,418; Oct. 22.
 Rapkin, Frank G., et al. (See Squire, Frederick A., assignor.)
 Rapkin, George C., et al. (See Squire, Frederick A., assignor.)
 Rapp, Carl, Brooklyn, N. Y. Permutation lock. 2,007,663; July 9.
 Rapp, Clyde B. (See Knickerbocker, G. S., and Rapp.)
 Rapp, Howard B., and R. E. Ablott, assignors to said H. B. Rapp, Santa Ana, Calif., and T. C. Rapp, Los Angeles, Calif. Disk harrow. 2,007,062; July 2.
 Rapp, Truman C., et al. (See Rapp, H. B., and Ablott, assignors.)
 Rapp, Walter E., New York, N. Y. Air conditioning. 1,990,753; Feb. 12.
 Rappi, Anton. (See Horton, E. C., and Rappi.)
 Rare Chemicals, Inc. (See Johannesohn, F., and Rabald, assignors.)
 Rarey, George H., United States Army, Fort Benning, Ga. Turret mounting. 2,016,292; Oct. 8.
 Rasbridge, Edward A., Lebanon, Pa. Check valve. 1,986,358; Jan. 1.
 Rasch, Ludvik, Oslo, Norway. Rotary hammer tool. 2,019,931; Nov. 5.
 Rasch, William T., assignor to American Gas Products Corporation, New York, N. Y. Burner for gas heated radiators. 2,001,397; May 14.
 Rascher & Betzold, Inc. (See Rascher, C., and Betzold, assignors.)
 Rascher, Charles, and M. F., Betzold, assignors to Rascher & Betzold, Inc., Chicago, Ill. Extraction apparatus. 2,006,513; July 2.
 Raschig, Dr. F., G. m. b. H. (See Prahl, W., and Mathes, assignors.)
 Rash, Frank J., assignor of one-half to E. W. Barth, Chicago, Ill. Nozzle. 2,001,889; May 21.
 Raskhodoff, Nicholas, assignor to United American Bosch Corporation, Springfield, Mass. Power supply system for radio apparatus. 2,021,380; Nov. 19.
 Rasmussen, Jesse E., Fort Worth, Tex. Arrangement for cooling air. 2,018,804; Oct. 29.
 Rasmussen, Christopher W., Omaha, Nebr. Safety device. 2,022,604; Nov. 26.
 Rasmussen, Alvin C. (See Hinkle, A. H., and Rasmussen.)
 Rasmussen, Alvin C., R. B. Dward, and F. B. Ray, Indianapolis, assignors to Insley Manufacturing Company, Marion, Ind. Rope thrust shovel. 1,992,543; Feb. 26.
 Rasmussen, Andrew O., Davenport, Iowa. Meat-tenderer and tendering meat. 1,987,349; Jan. 8.
 Rasmussen, Charles H., assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Telescoping container. 2,018,742; Oct. 29.
 Rasmussen, Charles H., assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Bottle closure. 2,019,057; Oct. 29.
 Rasmussen, Christian A., Cleveland, Ohio. Electric switch. 2,019,093; Oct. 29.
 Rasmussen, Edmund W., Copenhagen, Denmark. Razor blade for safety razors. 2,022,323; Nov. 26.
 Rasmussen, Harold V., Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Removable packing strip. 1,999,739; Apr. 30.
 Rasmussen, Martin, Galveston, Tex. Fishing line sinker. 1,993,114; Mar. 5.
 Rasmussen, Olaf, Jackson Heights, N. Y. Embroidery skein holder. 1,987,159; Jan. 8.
 Rasmussen, Olaf, Saginaw, assignor to General Motors Corporation, Detroit, Mich. Steering post bearing. 1,998,735; Apr. 23.
 Rasmussen, Sophus. (See Hanson, H. C., and Rasmussen.)
 Raspe, Friedrich. (See Rockstroh, J., Raspe, and Kircher.)
 Rasse, Lawrence J. (See Franz, John W., assignor.)
 Rassmann, Hugo C., Beaver Dam, Wis., assignor of one-half to G. Pierson Chaska, and one-half to J. A. Diethelm, Victoria, Minn. Beet harvester. 1,989,152; Jan. 29.
 Ratcliff, Arthur, assignor to Hummel & Downing Co., Milwaukee, Wis. Container. 2,004,218; June 11.
 Ratcliff, Francis G., Birmingham, England. Cleaning, and feeding of metal strips to rolls or rolling mills. 2,003,054; May 28.
 Ratcliff, Garland A. (See Talbot, B. B., Dawson, Carney, and Ratcliff.)
 Rateike, Charles J., assignor to E. Sessler, Chicago, Ill. Arch support. 1,990,956; Feb. 12.
 Raterink, Harry R. (See Hester, W. F., Raterink, and Somerville.)
 Rath, Josef, assignor to Julius Friedlaender, Gummiwaren-Fabrik, G. m. b. H., Berlin, Germany. Dress shield. 2,023,183; Dec. 3.
 Rathbone, Thomas C. (See Brown, E. H., Pokras, and Rathbone.)
 Rathbun, Frank C. (See Rathbun, Milo D., assignor.)
 Rathbun, Louis C., Oelwein, Iowa. Ring expander. 2,022,737; Dec. 3.
 Rathbun, Homer E. (See Norris, K. T., and Rathbun.)
 Rathbun, Merrill L., Jamestown, N. Y. Case or box. 2,014,951; Sept. 17.
 Rathbun, Milo D., assignor to F. C. Rathbun, Grand Rapids, Mich. Dental implement. 1,992,770; Feb. 26.
 Rathbun, Ross B., El Paso, Tex., assignor to American Smelting and Refining Company, New York, N. Y. High temperature filtering. 1,995,648; Mar. 26.
 Rathbun, Ross B., El Paso, Tex., assignor to Smelting & Refining Company, New York, N. Y. Bag filter. 1,995,649; Mar. 26.
 Rathbun, Ross B., El Paso, Tex., assignor to American Smelting & Refining Company, New York, N. Y. Filtering system. 1,995,650; Mar. 26.
 Rathbun, Ross B., El Paso, Tex., assignor to American Smelting & Refining Company, New York, N. Y. High temperature filtering. 1,995,651; Mar. 26.
 Rathbun, William A., and F. J. Doyle, Grand Rapids, Mich. Can cover. 2,004,675; June 11.

- Rathburn, Emory L., Alexandria, Ind., assignor, by mesne assignments, to The Mantle Lamp Company of America, Chicago, Ill. Catalyzing oil-gas fuel generator. 2,006,367; July 2.
- Rathburn, Raymond E., Green Bay, Wis. Storage battery. 1,999,945; Apr. 30.
- Rathmacher, Carl P. (See Teichman, C. F., Klein, and Rathmacher.)
- Rather, James B., and L. C. Beard, Jr., Brooklyn, and O. M. Reiff, Jackson Heights, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Distillate petroleum product and treating the same. 1,989,528; Jan. 29.
- Rather, James B., and L. C. Beard, Jr., Brooklyn, and O. M. Reiff, Jackson Heights, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Distillate petroleum product and treating same. 2,002,645; May 28.
- Rathke, Kurt. (See Peuker, F., and Rathke.)
- Ratliff, Albert T., Hattiesburg, assignor to The Pine-Felt Corporation of Mississippi, Petal, Miss. Process of decortication. 2,011,077; Aug. 13.
- Ratti, Giuseppe, Turin, Italy. Goggle. 2,026,435; Dec. 31.
- Ratti, Roger, assignor to Durand & Huguenin S. A., Basel, Switzerland. Preparation of easily water-soluble acid sulphuric acid ester derivatives of indanthrone dyestuffs. 1,999,477; Apr. 30.
- Ratzkoff, Silds M., assignor to Publicker Research and Development Company, Philadelphia, Pa. Composition for use in laundering. 1,986,286; Jan. 1.
- Ratzlaff, Rudolph, Dearborn, Mich. Jar cover wrench. 1,994,532; Mar. 19.
- Rau, Charles R., assignor to Samuel Stamping and Enameling Company, Chattanooga, Tenn. Oil burner. 2,006,842; July 2.
- Rau, Henry F., Tacoma, Wash. Brooder. 2,012,088; Aug. 20.
- Rau, Henry V., Amityville, assignor to Edwin B. Stimpson Company, Brooklyn, N. Y. Sheet metal cap. 1,990,670; Feb. 12.
- Raub, Ernst, Schwabisch Gmund, assignor to K. Michaelis, Berlin, Germany. Preventing tarnishing of metal articles. 1,995,225; Mar. 19.
- Rauch, Emil J., assignor, by mesne assignments, to Standard Equipment Corporation, St. Louis, Mo. Display device. 1,988,917; Jan. 22.
- Rauch, John D., Lima, Ohio, assignor to The Ohio Power Shovel Company. Dragline bucket. 1,986,853; Jan. 8.
- Rauch, Konrad, Dayton, assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Scale. 2,021,489; Nov. 19.
- Rauen, Carl F. (See Apple, V. G., and Rauen.)
- Rauen, Carl F., Detroit, Mich. Power transmitting mechanism. 2,020,040; Nov. 5.
- Rauen, Carl F., Grosse Pointe, and J. T. Rauen, Detroit, Mich., assignors, by mesne assignments, to Borg-Warner Corporation. Transmission mechanism. 2,018,032; Oct. 22.
- Rauen, John T. (See Rauen, Carl F., and J. T.)
- Raule, Clifford T., Brookline, Pa. Two slide automatic grinding machine. 1,997,978; Apr. 16.
- Rausch, Karl, Dresden, Germany, assignor to The Turner Tanning Machinery Company, Portland, Me. Machine for treating hides, skins, leather, and other similar pieces of work. 2,000,148; May 7.
- Rausch, Karl, Dresden, Germany, assignor to The Turner Tanning Machinery Company, Portland, Maine. Boarding machine. 2,009,518; July 30.
- Rauscher, Eduard. (See Kihnel, C., and Rauscher.)
- Rautenstrauch, Walter, Palisade, assignor to The Dorin Corporation, Union City, N. J. Valve. 1,991,173; Feb. 12.
- Rava, Alexander, Chicago, Ill. High temperature torch. 2,011,872; Aug. 20.
- Rava, Alexander, Chicago, Ill. High temperature torch. 2,011,873; Aug. 20.
- Ravasio, Vittorio. (See Gusco, C., and Ravasio.)
- Raven, Frank A., Albany, and C. D. Foulke, assignors to Industrial Furnace Corporation, Buffalo, N. Y. White cast iron alloy and making the same. 2,014,238; Sept. 10.
- Ravens, Alfred W., West Springfield, Mass. Air deflector and water circulator. 2,001,398; May 14.
- Rawcliffe, Frank, Detroit, Mich. Thermostatic control for automobile radiator overflow pipe. 2,008,835; July 23.
- Rawdon, Charles R., St. Louis, Mo. Game apparatus. 1,991,626; Feb. 19.
- Rawetzky, Louise, gebr. Kelbler, Berlin, Germany. Bust support with extended body portion. 2,016,614; Oct. 8.
- Rawlins, Herbert L., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Oil circuit breaker. 1,991,909; Feb. 19.
- Rawlins, Herbert L., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,024,744; Dec. 17.
- Raworth, Albert S., Singer, Clydebank, Scotland, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Can. 1,995,256; Mar. 19.
- Raw Products Limited. (See Duttweiler, Bruno, assignor.)
- Rawson, Emanuel, North Bergen, N. J., assignor to The Superheater Company, New York, N. Y. Exhaust steam injector. 1,986,359; Jan. 1.
- Rawson, Emanuel, North Bergen, N. J., assignor to The Superheater Company, New York, N. Y. Exhaust steam injector. 1,990,093; Feb. 5.
- Rawson, Emanuel, North Bergen, N. J., assignor to The Superheater Company, New York, N. Y. Exhaust steam injector. 2,002,156; May 21.
- Rawson, Emanuel, North Bergen, and J. F. Griffin, Teaneck, N. J., assignors to The Superheater Company, New York, N. Y. Exhaust steam injector. 1,996,122; Apr. 2.
- Rawson, Harry H., assignor to Washington Machinery and Supply Company, Spokane, Wash. Printing press roll shifting means. 2,002,584; May 28.
- Rawson, John H. (See Evans, W. P., and Rawson.)
- Rawson, Leslie A., assignor to Emco Derrick & Equipment Company, Los Angeles, Calif. Retractable walking beam. 1,992,393; Feb. 26.
- Ray, Alfred B., Columbus, Ohio. Pressure gauge calibrating mechanism. 2,009,592; July 30.
- Ray, Arthur B., Bayside, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Removing oxygen from gas mixtures. 2,019,632; Nov. 5.
- Ray Burner Company. (See Vidalie, René M., assignor.)
- Ray, Carl H., Hood River, Oreg. Folding leg table. 2,019,932; Nov. 5.
- Ray, Charles T., assignor to B. F. Avery & Sons Company, Louisville, Ky. Seed planter. 2,024,778; Dec. 17.
- Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Channel flap turning and pressing machine. 1,989,882; Feb. 5.
- Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in the manufacture of shoes. 2,009,563; July 30.
- Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making strips for insoles. 2,010,827; Aug. 13.
- Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Valve for receptacle closures. 2,013,853; Sept. 10.
- Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Adhesive dispensing receptacle. 2,017,990; Oct. 22.
- Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Starting and stopping device. 2,021,964; Nov. 26.
- Ray, Fred B. (See Rasmussen, A. C., Dorward, and Ray.)
- Ray, George M., Newton, assignor, by mesne assignments, to Northern Machine Co., Inc., Boston, Mass. Manufacturing boots and shoes. 1,989,607; Jan. 29.
- Ray, George M., Newton, assignor to Bancroft-Walker Company, Boston, Mass. Manufacture of footwear. 2,011,948; Aug. 20.
- Ray, Harold G., Los Angeles, Calif. Automobile theft alarm. 2,016,515; Oct. 8.
- Ray, Walter T., Brewster, N. Y., assignor, by mesne assignments, to W. W. Varney, Baltimore, Md. Conditioning liquids and air and other gases. 1,986,529; Jan. 1.
- Ray, Walter T., Brewster, N. Y., assignor, by mesne assignments, to W. W. Varney, Baltimore, Md. System of conditioning air and other gases and apparatus therefor. 1,990,094; Feb. 5.
- Ray, William A., San Francisco, Calif., assignor to General Controls Co. Slow-opening valve. 2,005,266; June 18.
- Ray, William F., assignor to F. G. Karg, Chicago, Ill. Drawing and spinning roll. 2,023,438; Dec. 10.
- Ray, William T., Wichita, Kans. Locomotive draft appliance. 2,014,862; Sept. 17.
- Raybestos-Manhattan. (See Novak, Izador J., assignor.)
- Raybestos-Manhattan, Inc. (See Glick, John A., assignor.)
- Raybestos-Manhattan, Inc. (See Hughes, Samuel, assignor.)
- Raybestos-Manhattan, Inc. (See Kuzmick, J. A., and Lange, assignors.)
- Raybestos-Manhattan, Inc. (See Lewis, E. H., and Luttenberger, assignors.)
- Raybestos-Manhattan, Inc. (See Novak, Izador J., assignor.)
- Raybestos-Manhattan, Inc. (See Repony, Daniel, assignor.)
- Raybestos-Manhattan, Inc. (See Repony, D., and Matthews, assignors.)
- Raybestos-Manhattan, Inc. (See Ross, Elmer R., assignor.)
- Raybestos-Manhattan, Inc. (See Tilden, Sydney G., assignor.)
- Raybestos-Manhattan, Inc. (See Wales, Earl A., assignor.)
- Raybestos-Manhattan, Inc. (See Weaver, Jesse M., assignor.)
- Rayburn, Alden G., Sausalito, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Hydraulic torque-multiplying apparatus. 2,009,906; July 30.
- Rayburn, Clarence H. (See Werkman, C. H., Rayburn, and Hixon.)
- Rayder, Joseph A. (See Torrence, James Jr., assignor.)
- Rayfield, William C., assignor to Detroit Lubricator Company, Detroit, Mich. Carburetor. 2,012,248; Aug. 20.
- Rayl, Stanley G., Oakland, Calif. Stop and turn signal device. 2,016,293; Oct. 8.
- Raylite Trading Company. (See Moulthrop, Lambert H., assignor.)
- Raymer, Morris. (See Adams, R. T., Poole, and Raymer.)

- Raymond, Arthur N., Flushing, N. Y. Spacing device for automobile jacks. 2,009,239; July 23.
- Raymond Bag Company, The. (See Sharkey, W. E., and Peters, assignors.)
- Raymond Brothers Impact Pulverizer Company, The. (See O'Mara, Richard F., assignor.)
- Raymond Brothers Impact Pulverizer Company, The. (See Senseman, William B., assignor.)
- Raymond Concrete Pile Company. (See Schroeder, Frederick A., assignor.)
- Raymond Concrete Pile Company. (See Watt, Elihu D., assignor.)
- Raymond, George G. (See Rechten, Eberhardt, assignor.)
- Raymond, Harry E. (See Hill, L. R., Raymond, and Sanders.)
- Raymond, Horace H., Berlin, assignor to The Stanley Works, New Britain, Conn. Paper break control for printing presses and the like. 1,999,618; Apr. 30.
- Raymond, Horace H., Berlin, and J. Vance, assignors of one-half to Johnstone Vance, and one-half to The Stanley Works, New Britain, Conn. Braking mechanism for paper rolls. 2,018,319; Oct. 22.
- Raymond, Lambert L., Minneapolis, Minn. Fishing bait device. 2,003,976; June 4.
- Raymond Manufacturing Company. (See Stowe, Lloyd, assignor.)
- Raymond, Paul E., Greenwich, Conn. Cloth rewinder and measurer. 2,010,891; Aug. 13.
- Raymond, Ward, assignor to Pennsylvania Pump & Compressor Company, Easton, Pa. Cylinder relief valve for compressors. 1,994,179; Mar. 12.
- Rayniak, Joseph G., assignor to Johnson Motor Company, Waukegan, Ill. Engine starter. 2,018,229; Oct. 22.
- Raynolds, John F., Minneapolis, Minn., assignor, by mesne assignments, to The Corcoran-Brown Lamp Company, Cincinnati, Ohio. Headlight. 1,998,967; Apr. 23.
- Raynolds, John F., and F. C. Wilhelm, Minneapolis, Minn., assignors to The Unipress Company, Incorporated, Minneapolis, Minn. Burn guard. 2,002,715; May 28.
- Raynolds, Reginald M., New York, N. Y. Loose leaf binder. 2,017,218; Oct. 15.
- Raynor, John S., Philadelphia, Pa. Building construction. 2,016,874; Oct. 8.
- Rayolite Rifle Range Company. (See Griffith, Charles W., assignor.)
- Rayon Processing Co. of R. I., Inc. (See McCulloch, N. E., and Thayer, assignors.)
- Raytheon Manufacturing Company. (See Smith, Charles G., assignor.)
- Raytheon Manufacturing Company. (See Spencer, Percy L., assignor.)
- Raytheon Production Corporation. (See Nelson, James R., assignor.)
- Raytheon Production Corporation. (See Spencer, Percy L., assignor.)
- Razek, Joseph, Upper Darby, and P. J. Mulder, Drexel Hill, assignors to Thwing Instrument Company, Philadelphia, Pa. Electrical system. 1,987,539; Jan. 8.
- Re, Albert J., assignor of forty-nine per cent to C. F. Reynolds, Wilmington, Del. Stand mirror. 2,017,472; Oct. 15.
- Re, William C., Glendale, N. Y. Presser foot for shoe stitching machines. 2,015,965; Oct. 1.
- Rea, Wilton T., Flushing, N. Y., and T. C. Henneberger, Caldwell, N. J., assignors to American Telephone and Telegraph Company. Voltage compensation in signaling circuits. 2,001,037; May 14.
- Rea, Wilton T., Flushing, N. Y., assignor to American Telephone and Telegraph Company. Telegraph system. 2,015,155; Sept. 24.
- Reach, Milton B. (See Becket, A. L., and Reach.)
- Reach, Milton B., Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Making golf balls. 1,996,880; Apr. 9.
- Reach, Milton B., Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Caddie bag. 2,010,961; Aug. 13.
- Reach, William F., Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Golf club. 2,018,897; Oct. 29.
- Reach, William F., Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Golf club. 2,018,898; Oct. 29.
- Read, Alexander M., Johnstown, Pa. Grinding mill. 1,986,530; Jan. 1.
- Read, Arthur, assignor by mesne assignments to "Pouring Spouts, Inc.", Portland, Oreg. Detachable pouring spout and closure for containers. 2,010,892; Aug. 13.
- Read, Everett C., assignor to The Filer & Stowell Co., Milwaukee, Wis. Lubricating system. 2,013,478; Sept. 3.
- Read, Herbert L. (See Dell, C., and Read.)
- Read, Worth G., St. Paul, Minn. Printing devices. 1,995,130; Mar. 19.
- Read, Worth G., St. Paul, Minn. Printing machine. 2,025,307; Dec. 24.
- Reader, William A., Leicester, England. Yarn changing means for circular knitting machines. 1,993,525; Mar. 5.
- Reading Hardware Corporation. (See Downing, John, assignor.)
- Reading Hardware Corporation. (See Goetz, Ferdinand K., assignor.)
- Reading Hardware Corporation. (See Lyons, Arthur G., assignor.)
- Reading-Pratt & Cady Company. (See McCausland, W., and Stephen, assignors.)
- Ready, William A., Brookline, Mass. Detachable lamp device. 1,989,529; Jan. 29.
- Ready, William A., Brookline, Mass., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Shovel and making the same. 1,989,063; Jan. 22.
- Ready, William A., Brookline, Mass., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Handle. 2,004,538; June 11.
- Ready, William A., Brookline, Mass., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Manufacture of shovels and like tools. 2,017,030; Oct. 8.
- Realistic Permanent Wave Machine Company, The. (See Steinbach, Paul R., assignor.)
- Ream, Fay W., Sheridan, Wyo., assignor to Andrews Worm Transmission Corporation. Transmission mechanism. 2,016,177; Oct. 1.
- Keaney, Ernest, Bridgeport, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Holder for cutter tool bits. 1,993,752; Mar. 12.
- Reaney, Russell J., Ottawa, Ontario, Canada. Air compressor. 1,998,025; Apr. 16.
- Reardon, Lewis A., Boston, Mass. Arch support. 1,997,118; Apr. 9.
- Reaume, Lawrence W., Monroe, Mich., assignor to River Raisin Paper Company. Shipping or carrying box or carton. 1,999,664; Apr. 30.
- Reay, George B., Chicago, Ill. Fire guard for motion picture machines. 1,999,022; Apr. 23.
- Reber, Herbert G., Detroit, Mich. Hand loom. 1,999,478; Apr. 30.
- Rece, Frank S., Dallas, Tex. Crib. 2,011,909; Aug. 20.
- Recher, Otto, Basel, Switzerland. Electric incandescent lamp. 2,008,594; July 16.
- Rechnitzer, Rudolf. (See Klötz, E., and Rechnitzer.)
- Rechnitzer, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Rectifier and filter circuit. 2,000,986; May 14.
- Rechnitzer, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Power supply means for vacuum tubes. 2,009,070; July 23.
- Rechnitzer, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie M. b. H., Berlin, Germany. Receiver selectivity control arrangement. 2,012,321; Aug. 27.
- Rechnitzer, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio receiving system. 2,023,439; Dec. 10.
- Rechten, Eberhardt, East Orange, assignor to George G. Raymond, Weehawken, N. J. Traffic signal. 1,988,569; Jan. 22.
- Rechten, Eberhardt, East Orange, assignor to G. G. Raymond, Weehawken, N. J. Method of and apparatus for signaling. 2,024,948; Dec. 17.
- Reconstruction Finance Corporation. (See Dewald, Edward A., assignor.)
- Reconstruction Finance Corporation. (See Fitzpatrick, James R., assignor.)
- Reconstruction Finance Corporation. (See Meyercord, George R., assignor.)
- Reconstruction Finance Corporation. (See Meyercord, G. R., Basquin, and Norris, assignors.)
- Reconstruction Finance Corporation. (See Meyercord, G. R., and Curran, assignors.)
- Reconstruction Finance Corporation. (See Meyercord, G. R., and Rozema, assignors.)
- Reconstruction Finance Corporation. (See Norris, Charles B., assignor.)
- Reconstruction Finance Corporation. (See Rozema, Charles E., assignor.)
- Reconstruction Finance Corporation. (See Schoen, André, assignor.)
- Reconstruction Finance Corporation. (See Strobridge, William, assignor.)
- Records, Chester E., Columbus, Ohio. Well screen. 1,992,718; Feb. 26.
- Rector, Enoch, New York, N. Y., assignor, by mesne assignments, to Rector Gasifier Company, Waukesha, Wis. Antidetontating means. 1,989,113; Jan. 29.
- Rector Gasifier Company. (See Rector, Enoch, assignor.)
- Rector, Nelson G., Jonesboro, Ark. Pipe wrench. 2,004,830; June 11.
- Rector, Thomas M., Rutherford, N. J., assignor, by mesne assignments, to The Best Foods, Inc., New York, N. Y. Apparatus for preparing food products. 2,000,645; May 7.
- Rector, Thomas M., Rutherford, N. J., assignor to The Best Foods, Inc., New York, N. Y. Preparing food products. 2,000,646; May 7.
- Rector, Thomas M., Rutherford, N. J., assignor, by mesne assignments, to Baker-Bennett-Day, Inc., New York, N. Y. Extracting oil from cashew nuts. 2,018,091; Oct. 22.
- Reda Pump Company. (See Arutunoff, Armais, assignor.)
- Redden, Allison P., Kentville, Nova Scotia, Canada. Fruit grader. 1,992,838; Feb. 26.
- Redding, Edward T. (See Spinosa, A. V., and Redding.)
- Redding Marble Company, The. (See Klotz, Henry O., assignor.)

- Reddish, Warren T., Cincinnati, assignor to The Twitchell Process Company, St. Bernard, Ohio. Treating vegetable fibers. 1,991,335; Feb. 12.
- Reddish, Warren T., assignor to Emery Industries, Inc., Cincinnati, Ohio. Absorbefacient for dry-cleaning. 2,024,981; Dec. 17.
- Reder, Otto, Berlin, Germany. Arrangement for producing illuminated advertisements on aeroplanes. 1,999,479; Apr. 30.
- Redfield, Clarke, Tenafly, N. J. Air conditioner. 2,019,583; Nov. 5.
- Redfield, Howard A. (See Lynch, T. L., Rilling and Redfield.)
- Redfield, Snowden B., Bethlehem, Pa., assignor to Fuller Company. Compressor and vacuum pump. 1,994,786; Mar. 19.
- Redfield, Watrous C., Denver, Colo. Interchangeable disk gun sight. 1,989,245; Jan. 29.
- Redfield, Watrous C., Denver, Colo. Gun sight. 2,010,893; Aug. 13.
- Redford, John E., Florissant, assignor to The American Brake Company, St. Louis, Mo. Brake rigging. 1,994,180; Mar. 12.
- Reding, Henry W. (See Staeger, S. A., Reding, and Peters.)
- Redinger, Joseph M., Providence, R. I. Rotary cutter. 2,025,308; Dec. 24.
- Redington, F. B., Co. (See Milmo, Michael J., assignor.)
- Redington, John C., Wilton, Conn. Display device. 1,990,671; Feb. 12.
- Red Jacket Mfg. Co. (See Lafferty, Herbert R., assignor.)
- Redler, Arnold, Sharpness Docks, England, assignor to Redler Conveyor Company, Quincy, Mass. Conveyor. 2,007,874; July 9.
- Redler, Arnold, Severnsea, Sharpness, England, assignor to Redler Conveyor Company, Quincy, Mass. Conveyor. 2,012,831; Aug. 27.
- Redler Conveyor Company. (See De Los Sinden, Alfred, assignor.)
- Redler Conveyor Company. (See Elmer, Nixon W., assignor.)
- Redler Conveyor Company. (See Redler, Arnold, assignor.)
- Redler Conveyor Company. (See Sinden, Alfred De L., assignor.)
- Redman, Frank R., Yardley, Pa. Article of apparel such as collars, and making same. 2,009,139; July 23.
- Redman, Norman. (See Schwehm, E., and Redman.)
- Redman, Martin H., Chicago, Ill. Collapsible tube dispenser. 1,986,409; Jan. 1.
- Redmond, Albert V., and T. P. Kersjes, Kalamazoo, Mich. Bathtub fixture. 1,994,789; Mar. 19.
- Red River Refining Company. (See Schulze, John E., assignor.)
- Redro Laboratories, Inc. (See Austin, William E., assignor.)
- Redrup, Will D. (See Michael, C. D., Morgan, and Redrup.)
- Redrup, Will D., Huntington, Ind. Buried receptacle and cover construction. 2,016,558; Oct. 8.
- Redwine, Jesse, Massillon, Ohio. Artificial flower and combination therewith. 1,989,883; Feb. 5.
- Reece Button Hole Machine Company. (See Grip, Carl A. O., assignor.)
- Reece Button Hole Machine Company, The. (See Pikul, Joseph, assignor.)
- Reece Button Hole Machine Company, The. (See Pikul, Joseph H., assignor.)
- Reece Button Hole Machine Company, The. (See Putnam, John P., assignor.)
- Reece Button Hole Machine Company, The. (See Reece, Franklin A., assignor.)
- Reece Folding Machine Company. (See Dixon, W. L., and Gilbert, assignors.)
- Reece, Franklin A., Brookline, Mass. Needle bar bearing mechanism. 1,993,350; Mar. 5.
- Reece, Franklin A., Brookline, assignor to The Reece Button Hole Machine Company, Boston, Mass. Buttonhole sewing machine. 1,991,627; Feb. 19.
- Reed, C. A., Company. (See Bartlett, Floyd H., assignor.)
- Reed Candy Company. (See Reed, Clarence D., assignor.)
- Reed, Carl S., and A. Rubin, assignors to Hussmann-Ligonier Company, St. Louis, Mo. Slicing machine. 2,005,109; June 18.
- Reed, Charles F., and W. C. Imhoff, Indianapolis, Ind.; said Imhoff assignor to said Reed. Gummed tape moistening, ejecting, and severing device. 1,998,736; Apr. 23.
- Reed, Clair S., assignor to Reynolds Spring Company, Jackson, Mich. Spring structure. 2,002,157; May 21.
- Reed, Clair S., assignor to Reynolds Spring Company, Jackson, Mich. Spring structure. 2,002,158; May 21.
- Reed, Clarence D., assignor to Reed Candy Company, Chicago, Ill. Wrapper for edibles. 1,994,667; Mar. 19.
- Reed, Clarence D., assignor to Reed Candy Company, Chicago, Ill. Display package. 1,996,172; Apr. 2.
- Reed, Clarence D., assignor to Reed Candy Company, Chicago, Ill. Band for edibles. 2,008,838; July 23.
- Reed, Clarence E., Wichita, Kans. Roller cutter assembly for earth boring drills. 1,997,345; Apr. 9.
- Reed, Clarence E., Wichita, Kans. Earth boring drill. 1,999,131; Apr. 23.
- Reed, Clarence E., Wichita, Kans. Reamer for earth boring drills. 1,999,132; Apr. 23.
- Reed, Clarence E., Wichita, Kans. Roller cutter and spindle assembly for earth boring drills. 2,004,012; June 4.
- Reed, Clarence E., Wichita, Kans. Anti-friction bearing assembly for drills. 2,004,013; June 4.
- Reed, Clarence E., Wichita, Kans. Earth boring drill. 2,009,299; July 23.
- Reed, Clarence E., Wichita, Kans. Roller cutter organization for earth boring drills. 2,009,300; July 23.
- Reed, Clarence E., Wichita, Kans. Reamer cutter assembly for earth boring drills. 2,026,323; Dec. 31.
- Reed, Daniel J., assignor to A. O. Smith Corporation, Milwaukee, Wis. Making a sheet metal barrel. 2,015,193; Sept. 24.
- Reed, Edgar H., Worcester, Mass. Micrometer caliper. 2,009,519; July 30.
- Reed, Frank A., Butler, Pa. Well packer. 1,988,397; Jan. 15.
- Reed, George B. (See Tarbox, J. P., Hanson and Reed.)
- Reed, George F., Pittsburgh, Pa. Display cabinet. 1,992,095; Feb. 19.
- Reed, George M., Yeadon, Pa., assignor to General Electric Company. Electrical switch gear. 2,013,525; Sept. 3.
- Reed, George M., Yeadon, and R. Paxton, Drexel Hill, Pa., assignors to General Electric Company. Panel board and wiring the same. 2,006,150; June 25.
- Reed, Harold V. (See Nutt, H., and Reed.)
- Reed, Harry S., East Lansing, and R. D. Lamie, Detroit, Mich. Distilling apparatus for coal. 2,009,122; July 23.
- Reed, Harry S., East Lansing, and R. D. Lamie, Detroit, Mich. Apparatus and process for distilling or cracking hydrocarbons or the like. 2,022,054; Nov. 26.
- Reed-Hill, William, Beechurst, N. Y. Handling volatile liquids. 2,013,685; Sept. 10.
- Reed, John M., Helena, Mont. School desk. 1,991,295; Feb. 12.
- Reed, Joseph W., Fairmont, W. Va. Mineral separator. 2,014,291; Sept. 10.
- Reed-Lethbridge, William. (See Pettman, A. V., and Reed-Lethbridge.)
- Reed, Lewis H., Springfield, Mass. Firearm. 1,993,979; Mar. 12.
- Reed, Lyman C., New Orleans, La., assignor, by mesne assignments, to I-T-E Circuit Breaker Company, Philadelphia, Pa. Circuit breaker. 1,989,497; Jan. 29.
- Reed, Macdonald S., assignor to Erie Foundry Company, Erie, Pa. Board drop hammer. 2,009,150; July 23.
- Reed, Macdonald S., assignor to Erie Foundry Company, Erie, Pa. Board drop hammer. 2,009,151; July 23.
- Reed Manufacturing Company. (See Petersen, Thorvald, assignor.)
- Reed, Marion C., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Plastic composition and making the same. 1,989,246; Jan. 29.
- Reed, Marion C., Cuyaboga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Substituted morpholines and making the same. 2,001,584; May 14.
- Reed, Meredith A., Fort Wayne, assignor to The Kitchen Maid Corporation, Andrews, Ind. Toy gun. 2,003,595; July 16.
- Reed, Phillip C. (See Hauk, Joseph, assignor.)
- Reed Propeller Co., The. (See Chilton, Roland, assignor.)
- Reed Propeller Co., The. (See Daub, Rudolph, assignor.)
- Reed Propeller Co., The. (See Leak, Arthur H., assignor.)
- Reed Propeller Co., The. (See Nutt, Arthur, assignor.)
- Reed Propeller Co., Inc., The. (See Browne, Kenneth A.)
- Reed, Robert E., P. W. Dorst, and A. George, Cincinnati, Ohio, assignors to The Lithographic Technical Foundation, Inc., New York, N. Y. Preparing intaglio lithographic plates from original plates and transfers. 1,992,771; Feb. 26.
- Reed Roller Bit Company. (See Behnke, Guy E., assignor.)
- Reed Roller Bit Company. (See Harrington, George G., assignor.)
- Reed Roller Bit Company. (See Stancliff, Thomas H., assignor.)
- Reed, Roy H., assignor of one-half to Loyal J. Miller, Oklahoma City, Okla. Vehicle jack. 2,001,265; May 14.
- Reed, Stephen A., Duxbury, assignor to Plymouth Cordage Company, North Plymouth, Mass. Rope. 2,022,690; Dec. 3.
- Reed, Sylvanus A., New York, N. Y. Automatic variable pitch propeller. 2,008,771; July 23.
- Reed, Victor L., Tulsa, Okla. Flow head. 1,989,608; Jan. 29.
- Reed, William A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Abrading machine. 2,017,163; Oct. 15.
- Reed, William E., Pittsburgh, Pa. Making wire fabric. 2,000,788; May 7.
- Reeder, Frank C., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Fluid conditioning apparatus. 1,992,581; Feb. 26.
- Reeder, Nathaniel S., New York, N. Y. Stocking stretcher. 1,998,820; Apr. 23.
- Reedy, Alfred J., assignor to A-B Stove Company, Battle Creek, Mich. Gas stove. 2,025,896; Dec. 31.
- Reedy, Alfred J., and W. L. Smith, assignors to A-B Stove Company, Battle Creek, Mich. Basket or tray for warming ovens and like compartments. 1,995,399; Mar. 26.
- Reel, Herbert W. (See Linzell, H. K., and Reel.)
- Reel, Jesse K., Cantril, assignor of one-half to J. N. Calhoun, Keosauqua, Iowa. Toy fishing outfit. 2,005,803; June 25.

- Reel, Ralph M., assignor to The Pharis Tire and Rubber Company, Newark, Ohio. Pneumatic tire construction. 1,987,350; Jan. 8.
- Rees, Adam J., Cleveland, Ohio. Ignition system. 2,012,581; Aug. 27.
- Rees, Harry V., Long Beach, and H. Ketcheson, Wilmington, Calif., assignors to The Texas Company, New York, N. Y. Soldering flux. 2,017,354; Oct. 15.
- Rees, Mackworth G., Detroit, Mich. Electric welding. 1,991,414; Feb. 19.
- Rees, William J., Toledo, Ohio. Facing material. 2,007,343; July 9.
- Reese, Charles N. (See Reese, Heath C., and C. N.)
- Reese, Heath C., and C. N. Reese, Wilmette, Ill., assignors to Barnett & Truman, Chicago, Ill. Nursing bottle. 1,999,619; Apr. 30.
- Reese Michel Hospital of Chicago. (See Soskin, Samuel, assignor.)
- Reese, Thomas S., Cleveland, Ohio. Transfer decorating. 1,998,638; Apr. 23.
- Reese, Thomas S., Cleveland, Ohio. Method and apparatus for mounting transfer decorations. 2,013,067; Sept. 3.
- Reese, William D., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Cross engine drive. 1,991,575; Feb. 19.
- Reese, William W. (See Duncan, J. E., Jr., and Reese.)
- Reetz, Carl G. (See Goodrich, G. N., and Reetz.)
- Reetz, Carl G., St. Paul, Minn., assignor to National Battery Company. Handle for storage batteries. 1,993,682; Mar. 5.
- Reeve, Charles S., Leonia, N. J., assignor to The Barrett Company, New York, N. Y. Colored caking cement. 2,011,607; Aug. 20.
- Reeve, George A., Ashland, Ky., assignor to The American Rolling Mill Company, Middletown, Ohio. Electrically operated measuring and selecting device. 1,988,702; Jan. 22.
- Reeves, Alec H., Paris, France, assignor to Western Electric Company, Incorporated, New York, N. Y. Synchronizing system. 1,988,609; Jan. 22.
- Reeves, Alec H., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Wireless signaling system. 1,989,770; Feb. 5.
- Reeves, Charles C., Golden Square, London, assignor to The Amalgamated Dental Company Limited, London, England. Artificial tooth. 2,025,773; Dec. 31.
- Reeves, Cuthbert E., Buffalo, N. Y. Starting switch for motor vehicles. 1,993,115; Mar. 5.
- Reeves, Donald H., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,003,492; June 4.
- Reeves, George. (See Ockman, T., Reeves, Stanley, Olpin and Ellis.)
- Reeves, Geo. D., et al. (See Hall, Cecil E., assignor.)
- Reeves Manufacturing Company, The. (See Curtis, Rowland J., assignor.)
- Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ohio. Speed varying transmission unit. 2,021,136; Nov. 19.
- Reeves Pulley Company. (See Reeves, Paul B., assignor.)
- Reeves, Thomas H., Birmingham, Ala. Apparatus for the designing of buildings. 1,988,461; Jan. 22.
- Refiners Limited. (See McDermott, Percival J., assignor.)
- Refiners Limited. (See Scott, Thornton, assignor.)
- Refining, Inc. (See Clayton, B., and Burns, assignors.)
- Refining, Inc. (See Lipp, Elmer L., assignor.)
- Refining, Inc. (See Lipp, E. L., and Glaze, assignors.)
- Refining, Inc. (See Stadt, Henry M., assignor.)
- Refractory & Engineering Corporation. (See MacDonald, J., and Christenson, assignors.)
- Refrigerating Specialties Company. (See Hansen, Charles C., assignor.)
- Refrigeration Research Corporation. (See Knight, Donald B., assignor.)
- Regal, Sam, Bronx, N. Y. Scarf holder for garments. 2,019,933; Nov. 5.
- Regal Shoe Company. (See Bliss, Elmer J., assignor.)
- Regan, Edward, et al. (See Anderson, Fabian K., assignor.)
- Regan Forge & Engineering Company. (See Begg, James, assignor.)
- Regan, George P., Oakland, Calif. Film driving mechanism. 2,008,402; July 16.
- Regan, John E., assignor to The Lamson Company, Syracuse, N. Y. Conveyor. 2,011,827; Aug. 20.
- Regan, Thomas J. (See Good, C. W., Naylor, and Regan.)
- Regan, William J., assignor to The McConway & Torley Company, Pittsburgh, Pa. Coupler carrier mechanism. 2,006,686; July 2.
- Regan, William J., Wilkinsburg, and E. George, Jr., assignors to The McConway & Torley Company, Pittsburgh, Pa. Railway draft appliance. 2,003,221; May 28.
- Regensburger, Richard W. (See Paddock, L. S., and Regensburger.)
- Regensburger, Richard W., assignor by mesne assignments to Institute of American Meat Packers, Chicago, Ill. Stunning tongs. 2,002,755; May 28.
- Regensburger, Richard W., assignor to Industrial Patents Corporation, Chicago, Ill. Stunning pen. 2,025,124; Dec. 24.
- Reger, Herbert H., Brooklyn, N. Y. Robberproof fixture, lock, and alarm for banks and the like. 1,992,096; Feb. 19.
- Reger, Martin. (See Gaidies, G., and Reger.)
- Reger, Martin. (See Pirani, M., and Reger.)
- Reger, Martin. (See Pirani, M., Reger, and Fehse.)
- Reger, Martin, Berlin-Charlottenberg, Germany, to General Electric Company. Gaseous electric discharge lamp device. 1,990,205; Feb. 5.
- Reges, Max F., Administrator. (See Freeman, H. M., and Wade.)
- Regester, Ramsay G., Philadelphia, Pa., assignor to Gill Glass & Fixture Company. Sign. 2,009,002; July 23.
- Regis, Eugene D. (See Goodall, J. M., and Regis.)
- Régley, Louis, Troyes, France. Yarn clearer. 1,990,133; Feb. 5.
- Regli, Richard R., Mountain View, Calif. Tray. 2,014,745; Sept. 17.
- Reh, Edward J., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Making lenses. 2,021,381; Nov. 19.
- Rehder, Christian, Kiel-Gaarden, Germany. Pipe flange connection. 2,005,267; June 18.
- Rehder, Otto, Hamburg, Germany. Device for starting and stopping an electrically driven cinematographic projection apparatus. 2,008,876; July 23.
- Reher, Carl, Berlin, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin, Siemensstadt, Germany. Heavy current conductor system more particularly for rushes of heavy currents. 2,008,109; July 16.
- Reher, Frederick W. (See Dempsey, M. J., and Reher.)
- Rehm, Gustav A., assignor, by mesne assignments, to Riley Stoker Corporation, Worcester, Mass. Furnace door. 1,999,782; Apr. 30.
- Rehm, William C., assignor to Manning, Bowman & Co., Meriden, Conn. Electric cooker. 2,001,285; May 14.
- Reiber, Albert H. (See Krum, H. L., and Reiber.)
- Reiber, Albert H., assignor to Teletype Corporation, Chicago, Ill. Automatic control mechanism. 1,997,601; Apr. 16.
- Reiber, Albert H., assignor to Teletype Corporation, Chicago, Ill. Keyboard perforator. 2,019,505; Nov. 5.
- Reiber, Albert H., assignor to Teletype Corporation, Chicago, Ill. Remote control system. 2,021,382; Nov. 19.
- Reiber, Albert H., Chicago, and W. J. Zenner, Des Plaines, assignors to Teletype Corporation, Chicago, Ill. Selecting and printing mechanism. 1,989,710; Feb. 5.
- Reiber, Albert H., Evanston, and W. J. Zenner, Des Plaines, assignors to Teletype Corporation, Chicago, Ill. Printing telegraph system. 2,021,383; Nov. 19.
- Reich, Gustave T., Philadelphia, Pa. Alkali metal compound recovery from waste organic mixtures. 2,002,797; May 28.
- Reich, Gustave T., Philadelphia, Pa. Distilling alcohol-containing fermented liquors. 2,010,929; Aug. 13.
- Reich, Gustave T., Philadelphia, Pa. Recovery of non-sugars from saccharine materials. 2,022,093; Nov. 26.
- Reich, Gustave T., Philadelphia, Pa. Recovering non-sugars from saccharine materials. 2,022,824; Dec. 3.
- Reich, John C., assignor to Pabst Corporation, Milwaukee, Wis. Container. 1,998,737; Apr. 23.
- Reich, Max, Göttingen, Germany. Measurement of the phase displacement of alternating currents or voltages. 2,012,480; Aug. 27.
- Reich, Morris, Columbus, Ohio. Garment. 2,000,149; May 7.
- Reichard, Wade H., assignor to General Railway Signal Company, Rochester, N. Y. Power supply system. 1,995,652; Mar. 26.
- Reichart, James H., Muncie, Ind. Drafting board device. 2,006,408; July 2.
- Reichart, Josef. (See Scharff, M., Brode, Johannsen, and Reichart.)
- Reichel, John, Philadelphia, and J. E. Schneider, Yeadon Borough, assignors to Sharp & Dohme, Incorporated, Philadelphia, Pa. Anthrax antigen preparation and product. 2,017,606; Oct. 15.
- Reichel, Wladimir A., Philadelphia, Pa., assignor to Bendix Aviation Corporation, South Bend, Ind. Liquid level indicator. 2,003,759; June 4.
- Reichel, Wladimir A., Philadelphia, Pa., assignor, by mesne assignments, to Pioneer Instrument Company, Inc. Earth inductor compass. 2,025,897; Dec. 31.
- Reichel, Wladimir A., Philadelphia, Pa., and P. F. Weber, Monmouth Beach, N. J., assignors to Bendix Aviation Corporation, South Bend, Ind. Compass compensator. 2,011,775; Aug. 20.
- Reichenbach, Albert. (See Haydon, A. W., and Reichenbach.)
- Reichenbach, Albert T., Pittsburgh, Pa. Manufacture of sheet steel. 2,017,356; Oct. 15.
- Reichenbach, Howard F., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Closure cap. 1,987,869; Jan. 15.
- Reichenbach, Howard F., Waterbury, assignor to The Chase Companies, Incorporated, Waterbury, Conn. Smokers' stand. 2,009,593; July 30.
- Reichenbach, Howard F., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Adjustable holder for lip sticks and the like. 2,014,697; Sept. 17.
- Reichenbach, John R., Palmerton, Pa. Movable split bed for flat bed printing presses. 2,018,572; Oct. 22.
- Reichert, Joseph S. (See Gilbert, H. N., and Reichert.)
- Reichert, Joseph S., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Blue printing. 1,998,883; Apr. 23.
- Reichert, Joseph S., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Storing and handling hydrogen peroxide solutions. 2,008,726; July 23.

- Reichert, Joseph S., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Removal of acid from peroxide solutions. 2,021,384; Nov. 19.
- Reichert, Otto. (See Hagedorn, M., Reichert and Guhring.)
- Reichmann, Reinhold, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Making bodies consisting of metallic oxides. 2,021,520; Nov. 19.
- Reichter, Emil F. (See Strauch, G. A., Richter, and Garrett.)
- Reid, Alexander C., assignor to Leich Electric Company, Genoa, Ill. Hook switch adapter for hand telephone sets. 2,017,258; Oct. 15.
- Reid, Andrew D. (See Kuhn, A., and Heitman, assignors.)
- Reid, Archie B., Chicago, Ill. Linotype and intertype magazine storage cabinet and a rail unit provided therein. 1,997,346; Apr. 9.
- Reid, Charles H. L., Toronto, Ontario, Canada. Smoker's automobile lighter. 1,998,843; Apr. 23.
- Reid, Ebenezer E., Baltimore, Md., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative compositions. 1,986,854; Jan. 8.
- Reid, Ebenezer E., Baltimore, Md., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separating alcohols. 2,004,131; June 11.
- Reid, Ebenezer E., Baltimore, Md., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polybasic acid ester of higher alcohols. 2,015,088; Sept. 24.
- Reid, Edward H. (See Blume, Charles L., assignor.)
- Reid, Elmer A., Morrisville, Pa. Automatic electrical humidifier. 1,993,116; Mar. 5.
- Reid, Ernest W., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Composition of matter. 2,003,655; June 4.
- Reid, Ernest W., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Composition of matter. 2,015,385; Sept. 24.
- Reid, Eugene H., Schenectady, N. Y., assignor to General Electric Company. Electric regulating system. 1,986,287; Jan. 1.
- Reid, Eugene H., Schenectady, N. Y., assignor to General Electric Company. Vapor electric device. 1,991,910; Feb. 19.
- Reid, Eugene H., Schenectady, N. Y., assignor to General Electric Company. Vapor pressure control means. 2,016,120; Oct. 1.
- Reid, Eugene H., Schenectady, N. Y., assignor to General Electric Company. Vapor electric device. 2,020,962; Nov. 12.
- Reid, Forestus, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Mechanism for applying adhesive to container sealing flaps. 1,999,480; Apr. 30.
- Reid, Frederick M., assignor to Fruehauf Trailer Corporation, Detroit, Mich. Tractor semitrailer power transmitting means. 2,022,387; Nov. 26.
- Reid, Frederick M., Detroit, Mich., assignor to Fruehauf Trailer Company. Vehicle body. 2,022,869; Dec. 3.
- Reid, George C., Brooklyn, assignor to American Can Company, New York, N. Y. Lining tubular bodies. 1,993,751; Mar. 12.
- Reid, George H., London, England. Gyroscopic indicator for use with air and other craft. 2,001,038; May 14.
- Reid, George H., Kingston-on-Thames, England. Gyroscopic turn indicator. 2,006,112; June 25.
- Reid, George S. (See Stratton, Ralph F., assignor.)
- Reid, Grant, Baltimore, Md., assignor to The Standard Stoker Company Incorporated. Stoker mechanism. 2,026,400; Dec. 31.
- Reid, Harry D., Toronto, Ontario, Canada. Game device. 2,012,730; Aug. 27.
- Reid, James. (See Black, D., and Reid.)
- Reid, James. (See Enholm, H. G., and Reid.)
- Reid, James S., Shaker Heights, assignor to The Reid Products Company, Cleveland, Ohio. Hub cap or the like. 2,015,352; Sept. 24.
- Reid, John, assignor to Joseph Reid Gas Engine Company, Oil City, Pa. Coupling organization for a crosshead and piston rod. 2,019,463; Oct. 29.
- Reid, John D., Highland Park, Pa., assignor to Radio Corporation of America. Radio apparatus. 2,024,807; Dec. 17.
- Reid, John G. (See Grine, H. A., Reid, and Wagner.)
- Reid, Joseph, Gas Engine Company. (See Reid, John, assignor.)
- Reid, Marvin J., assignor to Eastman Kodak Company, Rochester, N. Y. Decolorizing cellulose nitrate. 1,987,077; Jan. 8.
- Reid, Marvin J., assignor to Eastman Kodak Company, Rochester, N. Y. Recovery of plasticizers from film scrap and like materials. 1,994,591; Mar. 19.
- Reid Products Company, The. (See Prentice, Bert L., assignor.)
- Reid Products Company. (See Prentice, Bert L., assignor.)
- Reid Products Company, The. (See Reid, James S., assignor.)
- Reid Products Company, The. (See Westrope, Fred J., assignor.)
- Reid, Robert G., and J. H. Brown, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Creasing and burnishing machine. 2,023,549; Dec. 10.
- Reid, Robert H., New York, N. Y. Refrigerator cooling tank for drinking water. 2,020,963; Nov. 12.
- Reid, Walter S., Murray, Utah, assignor to American Smelting and Refining Company, New York, N. Y. Sintering. 2,006,368; July 2.
- Reid, William G., Manchester, assignor to Imperial Chemical Industries Limited, Westminster, England. Dyeing with azo dyes and cellulosic material dyed therewith. 2,023,614; Dec. 10.
- Reid, William G., Derby, England, assignor to Imperial Chemical Industries Limited. Green azo dyestuffs and making same. 2,023,615; Dec. 10.
- Reid, William M. (See Collins, R. D., Reid, and Bourne.)
- Reidenbach, Hazel V., Richmond Hill, N. Y. Girdle. 2,004,730; June 11.
- Reidenbaugh, Ray A., Marion, Ohio. Display rack. 2,002,128; May 21.
- Reifenberg, Karl. (See Bond, Ignatius, assignor.)
- Reiff, Orland M. (See Rather, J. B., Beard, and Reiff.)
- Reiffenstein, Manfred, Vienna, Austria. Control device for impulse turbines. 2,026,436; Dec. 31.
- Reiley, James M., Merion, Pa., assignor, by mesne assignments, to General Electric Company. Recycling control system and apparatus for oil burners and the like. 1,986,013; Jan. 1.
- Reilly, Alfred F., North Attleboro, Mass. Vanity case construction. 2,001,691; May 14.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Necktie holder. 1,995,226; Mar. 19.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Lighter construction. 1,995,899; Mar. 26.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Vanity case. 2,001,690; May 14.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Making dies. 2,014,698; Sept. 17.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Lighter construction. 2,019,434; Oct. 29.
- Reilly, Frank W., Chattanooga, Tenn. Attachment for wire strands. 2,008,227; July 16.
- Reilly, John F., Greenfield, Mass. Tool for seating rail anchors. 2,017,918; Oct. 22.
- Reilly, John H. (See Grebe, J. J., and Reilly.)
- Reilly, John L., Springfield, Vt. Speed changing transmission mechanism. 1,987,518; Jan. 8.
- Reilly, John L., Claremont, N. H., assignor to Sullivan Machinery Company. Lubricator. 2,001,746; May 21.
- Reilly, John L., Claremont, N. H., assignor to Sullivan Machinery Company. Drill steel guide. 2,026,062; Dec. 31.
- Reilly, Joseph E., New York, N. Y. Dispensing cover for milk cans. 2,020,701; Nov. 12.
- Reilly, Peter C. (See Cislak, Francis E., assignor.)
- Reilly, Peter C. (See Derby, Ira H., assignor.)
- Reilly, Peter C. (See Derby, I. H., and Cislak, assignors.)
- Reilly, Peter C. (See Hansen, Mahlin S., assignor.)
- Reilly, Peter C. (See Mootz, Frank J., assignor.)
- Reiman, Clarence K., Newton, and F. Wavland, Salem, Mass. Tanning skins or hides. 2,016,559; Oct. 8.
- Reimann, Otto, Berlin-Charlottenburg, Germany. Method and apparatus for producing wooden wall coverings. 2,012,403; Aug. 27.
- Reimers, Alfred E., Harrington Park, and W. K. Tavender, Hawthorn, N. J., assignors, by mesne assignments, to Automatic Equipment, Inc., New York, N. Y. Vending machine. 1,997,078; Apr. 9.
- Reimers, Alfred E., Harrington Park, and W. K. Tavender, Hawthorn, N. J., assignors to Automatic Equipment, Inc., New York, N. Y. Vending machine. 1,997,079; Apr. 9.
- Reimers, Alfred E., Harrington Park, and W. K. Tavender, Hawthorn, N. J., assignors to Automatic Equipment, Inc., New York, N. Y. Vending machine. 1,997,080; Apr. 9.
- Reimert, Oscar, Fort Thomas, Ky. Game device. 2,017,473; Oct. 15.
- Reimschuessel, Charles A., assignor to Landis Machine Company, Waynesboro, Pa. Chaser and chaser clamp. 2,023,440; Dec. 10.
- Reinartz, Robert, Offenbach, near Frankfurt-on-the-Main, Germany. Device for feeding sheet material to a machine, particularly to a printing machine. 2,011,776; Aug. 20.
- Reinecke, J. E., A. G. (See Junge, Max, assignor.)
- Reineman, Alfred, New York, N. Y. Re-napping apparatus. 2,008,260; July 16.
- Reiner, Ernst, and A. Hüper, Zeesen, near Königswusterhausen, Germany. Vehicle. 2,018,090; Oct. 22.
- Reiner, Harry C., Clayton, Mo. Molasses product and producing the same. 1,995,519; Mar. 26.
- Reiner, Robert, Inc. (See Lambach, Fritz, assignor.)
- Reiner, Theodor, Munich, Germany. Door barring device. 1,988,049; Jan. 15.
- Reiner, Theodor, Munich, Germany. Door barring device. 2,016,653; Oct. 8.
- Reiners, Wilhelm, and G. Kablisch, assignors to W. Schlafhorst & Co., München-Gladbach, Germany. Yarn beaming machine. 1,988,918; Jan. 22.
- Reiners, Wilhelm, and G. Kablisch, assignors to W. Schlafhorst & Co., München-Gladbach, Germany. Bobbin feeding device for yarn winding machines. 1,991,699; Feb. 19.
- Reiners, Wilhelm, and G. Kablisch, assignors to W. Schlafhorst & Co., München-Gladbach, Germany. Winding machine with individual driving for the spindle units. 1,994,403; Mar. 12.

- Reiners, Wilhelm, and G. Kahlisch, assignors to W. Schlafhorst & Co., Munich-Gladbach, Germany. Winding machine with individual driving for the spindle units. 1,994,404; Mar. 12.
- Reiners, Wilhelm, and G. Kahlisch, assignors to W. Schlafhorst & Co., Munich-Gladbach, Germany. Cop winding machine. 2,003,903; June 4.
- Reiners, Wilhelm, and G. Kahlisch, assignor to W. Schlafhorst & Co., Munich-Gladbach, Germany. Winding machine. 2,010,465; Aug. 6.
- Reinert, Guido. (See Hauser, F., and Reinert.)
- Reinert, Guido, assignor to the firm Carl Zeiss, Jena, Germany. Photographic camera. 2,014,538; Sept. 17.
- Reinforced Paper Bottle Corporation. (See Bodor, Andrew, assignor.)
- Reingardt, Harvey. (See Susie, F., and Reingardt.)
- Reinhard, David, assignor to Arcadia Knitting Mills, Inc., Allentown, Pa. Cloth stretcher. 2,011,729; Aug. 20.
- Reinhardt, Eugene F., assignor to J. Pavelka, St. Louis, Mo. Electric griddle. 2,012,546; Aug. 27.
- Reinhardt, Gustav A., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Annealing and cleaning ferrous articles. 1,989,884; Feb. 5.
- Reinhardt, Gustav A., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Producing high silicon steel articles. 1,992,039; Feb. 19.
- Reinhardt, Joseph A., and O. H. Kaminsky, assignors to Western Clock Company, Peru, Ill. Self-starting synchronous motors. 2,015,042; Sept. 17.
- Reinhardt, Otto K., Jamaica, N. Y., assignor to Bond Electric Corporation, Jersey City, N. J. Electrolytic cell. 1,990,463; Feb. 5.
- Reinhardt, Otto K., Jamaica, N. Y., assignor to Bond Electric Corporation, Jersey City, N. J. Bobbin making machine. 1,995,131; Mar. 19.
- Reinhardt, William A., Ashland, Wis. Float valve. 2,013,188; Sept. 3.
- Reinhold, Baldwin. (See Abegg, Walter A., assignor.)
- Reinhold, Fred E. (See Ritterhoff, H., Cessna, and Reinhold.)
- Reinhold, John J., Marletta, Pa. Article package. 1,995,864; Mar. 26.
- Reinken, Louis W., Brooklyn, N. Y., assignor, by mesne assignments to Federal Telegraph Company, Newark, N. J. Remote control device. 2,002,353; May 21.
- Reinken, Louis W., Brooklyn, N. Y., assignor, by mesne assignments, to Federal Telegraph Company, Newark, N. J. Remote control apparatus for radioreceivers. 2,025,218; Dec. 24.
- Reinforced Paper Bottle Corporation. (See Bodor, Andrew, assignor.)
- Reinforced Paper Bottle Corporation. (See Bodor, A., and Koch, assignors.)
- Reinsberg, Philip V., Chicago, Ill. Article holder. 2,010,962; Aug. 13.
- Reinsch, Paul. (See Mechau, R., Eisenhut, and Reinsch.)
- Reis, Albert F., assignor to Thogmartin-Reis Construction Co., Inc., Fort Scott, Kans. Machine for leveling and shaping roads. 1,994,437; Mar. 12.
- Reis, Charles C., Duluth, Minn., assignor to American Steel & Wire Company, Chicago, Ill. Tool setting gauge. 2,000,795; May 7.
- Reis, Curt F., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Magneto rotor construction. 1,988,570; Jan. 22.
- Reis, Herman. (See Ketterer, Eugen, assignor.)
- Reiser, Daniel and O. J. Shaker Heights, Ohio. Gathering and stitching machine. 2,017,512; Oct. 15.
- Reiser, Orin J. (See Reiser, Daniel and O. J.)
- Reisig, Antoinette, Fords, N. J. Combination brick siding wall plate. 2,018,805; Oct. 29.
- Reisinger, George J., Jr., Schenectady, N. Y. Switch. 2,020,213; Nov. 5.
- Reisman, Mildred S. (See Gordon, George, assignor.)
- Reismann, David, Bratislava, Czechoslovakia. Traveling case. 2,026,360; Dec. 31.
- Reissner, Otto. (See Peters, G. F. and Reissner.)
- Reisz, Eugen, Paris, France. Electroacoustic device. 2,009,520; July 30.
- Reiter, Adolf, Vienna, Austria. Closure for containers. 2,007,692; July 9.
- Reiter, Caspar, Berlin-Treptow, W.-W. Loebe, Berlin-Waldmannslust, and C. Samson, F. Bobek and M. R. Grossmann, Berlin, assignors to General Electric Company. Apparatus for testing and assorting electric incandescent lamps. 2,020,964; Nov. 12.
- Reiter, Charles F., Minneapolis, Minn. Holder for garden hose. 2,013,447; Feb. 3.
- Reiter, Chester R. (See Reiter, John M., and C. R.)
- Reiter, Daniel I., New York, N. Y. One-piece socket. 1,988,331; Jan. 15.
- Reiter, Daniel I., New York, N. Y. One-piece stud. 1,988,332; Jan. 15.
- Reiter, Daniel I., New York, N. Y. One-piece stud and socket. 1,988,333; Jan. 15.
- Reiter, Daniel I., New York, N. Y. Slidable belt buckle. 1,989,153; Jan. 29.
- Reiter, Daniel I., New York, N. Y. Socket slide. 1,989,379; Jan. 29.
- Reiter, Daniel I., New York, N. Y. Locking spring clip. 2,013,446; Sept. 3.
- Reiter, Daniel I., New York, N. Y. Nonresilient socket. 2,014,699; Sept. 17.
- Reiter, Harold J., Chicago, Ill. Double flanged button. 1,998,906; Apr. 23.
- Reiter, John M., and C. R., Green Bay, Wis. Motor vehicle license plate. 2,023,099; Dec. 3.
- Reiter, Lues, Providence, R. I. Tongueless buckle. 1,997,653; Apr. 16.
- Reiter, Lues, Providence, R. I. Two-piece buckle. 1,997,654; Apr. 16.
- Reiter, Lues, Providence, R. I. Button. 2,014,292; Sept. 10.
- Reiter, Lues, Providence, R. I. Tack button. 2,014,814; Sept. 17.
- Reith, George C., Revere, Mass. Cold handle stove cover lifter. 2,001,286; May 14.
- Reither, Emil A., Aitkin, Minn. Building construction. 2,005,921; June 25.
- Reitherman, Ralph W., Elmwood Park, and A. H. Cokell, Chicago, Ill.; said Reitherman assignor to said Cokell. Indicator light. 2,018,874; Oct. 29.
- Reitlinger, Henri B., assignor to Office National des Recherches Scientifiques et Industrielles et des Inventions and Camille Husson, Paris, France. Nozzle for the expansion of hot liquids. 2,019,694; Nov. 5.
- Reitmann, Joachim, Wuppertal-Vohwinkel, Germany, assignor to Wintrop Chemical Company, Inc., New York, N. Y. Aliphatic amine salts of halogenated pyridones containing an acid group. 1,993,039; Mar. 5.
- Reitner, Josef et al. (See Monchein, Carl, assignor.)
- Reizenstein, Louis J., Pittsburgh, Pa. Polymerizing China-wood oil. 2,017,164; Oct. 15.
- Reklamaktiebolaget Epok. (See Rosenberg, Kurt, assignor.)
- Rekonty, Harry, Norfolk, Va. Gas tank cap lock. 1,987,540; Jan. 8.
- Rekonty, Harry, Norfolk, Va. Fruit and vegetable peeler and slicer. 2,010,414; Aug. 6.
- Rekuperator Gesellschaft mit beschränkter Haftung. (See Schack, Alfred, assignor.)
- Reliable Machine Works, Inc. (See Fingerhart, C., and Goldberg, assignors.)
- Reliance Electric & Engineering Company, The. (See Hough, William R., assignor.)
- Reliance Machine & Stamping Works, Inc. (See Norman, E. B., and Pettit, assignors.)
- Reliance Manufacturing Company. (See Tolen, E. V., and Harbstreit, assignors.)
- Reliance Picture Frame Co. Inc. (See Varieur, Stonio, assignor.)
- Reliance Regulator Corporation. (See Thrall, Walter I., assignor.)
- Reliance Steel Products Company. (See Nagin, Harold, assignor.)
- Rellessmann, Wilhelm. (See Köpke, L., Wundenberg, Rellessmann, and Koch.)
- Reller, Edwin L. (See Royster, D. O., and Reller.)
- Relyea, Fred H., Boston, Mass. Liquid cleaner. 2,009,413; July 30.
- Rem Engineering Co. (See Minogue, Roland E., assignor.)
- Remac Patents Corporation. (See Spence, John L., Jr., assignor.)
- Rembert, Ernest W., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Hydrous silicate gels and making the same. 1,999,210; Apr. 30.
- Rembert, Ernest W., Plainfield, N. J., and B. V. Voorhees, New York, N. Y., assignors of three-fourths to Tide Water Oil Company, Bayonne, N. J. Dewaxing by filtration. 1,986,762; Jan. 1.
- Remde, Edward H., assignor to The Baker-Raulang Company, Cleveland, Ohio. Industrial truck. 1,991,576; Feb. 19.
- Remde, Edward H., assignor to The Baker-Raulang Company, Cleveland, Ohio. Running gear for vehicles. 1,991,577; Feb. 19.
- Remey, John T., New York, N. Y. Apparatus for sky writing. 1,986,942; Jan. 8.
- Remey, John T., New York, N. Y. Stabilized vibration absorbing mounting. 2,007,215; July 9.
- Remick, Max, Chicago, Ill., assignor to Premier Coil Cleaning Co. Pipe and tube cleaner. 2,011,323; Aug. 13.
- Remick, Norval. (See Stover, Howard L., assignor.)
- Remington, Alfred M., assignor to Simonds Saw and Steel Company, Fitchburg, Mass. Heat treatment of saws, etc. 2,004,174; June 11.
- Remington Arms Company. (See Brown, Arthur S., assignor.)
- Remington Arms Company. (See Brun, Willi, assignor.)
- Remington Arms Company. (See Campbell, Allan, assignor.)
- Remington Arms Company. (See Herz, Edmund, assignor.)
- Remington Arms Company. (See Loomis, Crawford C., assignor.)
- Remington Arms Company. (See Lowe, Aubrey L., assignor.)
- Remington Arms Company. (See Lowe, Kenneth J., assignor.)
- Remington Arms Company. (See Woodford, Watson H., assignor.)
- Remington Arms Company, Inc. (See Brün, Willi, assignor.)
- Remington Arms Company, Inc. (See Burns, James E., assignor.)
- Remington Arms Company, Inc. (See Loomis, Crawford C., assignor.)
- Remington, Joseph J., assignor to Stokes and Smith Company, Philadelphia, Pa. Laundry system. 1,997,267; Apr. 9.

- Remington, Joseph P., assignor to Stokes and Smith Company, Philadelphia, Pa. Towel folding and wrapping. 1,987,211; Jan. 8.
- Remington, Joseph P., assignor to Stokes & Smith Company, Philadelphia, Pa. Method of and apparatus for separating sheets from stacks thereof. 2,003,698; June 4.
- Remington Rand Inc. (See Benner, Russell E., assignor.)
- Remington Rand Inc. (See Finley, C. A., and Layer, assignors.)
- Remington Rand, Inc. (See Going, George G., assignor.)
- Remington Rand Inc. (See Hall, Edwin S., assignor.)
- Remington Rand Inc. (See Hutchings, Le Roi E., assignor.)
- Remington Rand Inc. (See Kitchen, Charles C., assignor.)
- Remington Rand Inc. (See Kuhlman, W., and Becker, assignors.)
- Remington Rand Inc. (See Lampertz, Otto, assignor.)
- Remington Rand Inc. (See Landsiedel, Harry, assignor.)
- Remington Rand Inc. (See Lasker, William W., assignor.)
- Remington Rand Inc. (See Layer, Ellsworth G., assignor.)
- Remington Rand Inc. (See Mansel, Paul, assignor.)
- Remington Rand Inc. (See McKee, Stillman W., assignor.)
- Remington Rand Inc. (See Newland, Jay R., assignor.)
- Remington Rand Inc. (See Newland, J. R., and Polderman, assignors.)
- Remington Rand, Inc. (See Peters, William L., assignor.)
- Remington Rand Inc. (See Pierce, Silas W., assignor.)
- Remington Rand Inc. (See Rand, Benjamin G., assignor.)
- Remington Rand Inc. (See Rand, B. G., and Layer, assignors.)
- Remington Rand Inc. (See Walker, Robert C., assignor.)
- Remington Rand Inc. (See Wolters, C. F., and Layer, assignors.)
- Remington Typewriter Company. (See Going, George G., assignor.)
- Remling, Frank, Kirkland, Wash. Animal trap. 2,009,635; July 30.
- Remmey, Richard C., Son Co. (See Moore, John, assignor.)
- Remowen Corporation. (See Sayre, Gordon B., assignor.)
- Remus, William Frank, Pembroke, Ontario, Canada. Combination snowplow. 2,005,392; June 18.
- Remy, Frank I., Syracuse, Ind. Closure for containers. 2,005,871; June 25.
- Remy, Rudolf, assignor to W. Faltlhauser, Munich, Germany. Method of and device for closing up vessels, especially bottles. 2,003,091; May 28.
- Remy, Theron P., Los Angeles, Calif., assignor to The Texas Company, New York, N. Y. Insecticide and fungicide. 1,986,218; Jan. 1.
- Renard, Melanie A., Antheur, Via Agay, France. Temperature indicating device for internal combustion and explosion engines. 1,993,897; Mar. 12.
- Renault, Louis. (See Saives, Leon, assignor.)
- Renchitte Spring Nut Co., (Formerly Nanfeldt Corporation Ltd.) (See Bergstrom, William A., assignor.)
- Rendall, Albert L., assignor to Niagara Fold, Inc., Niagara Falls, N. Y. Carbon manifold device. 1,992,544; Feb. 26.
- Rendall, Arthur G., assignor to Morland & Impey Limited, Northfield, Birmingham, England. Article made from synthetic resins, rubber, and other like moldable substances. 2,020,214; Nov. 5.
- Rendle, Clifton J., Wellington, Salop, assignor of one-half to Merrythought Limited, London, England. Toy animal, doll, puppet, and the like. 2,017,023; Oct. 8.
- Rendleman, Norman C., assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Making plowshares. 1,994,287; Mar. 12.
- Rendleman, Norman C., assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Rolling metal sheets. 2,021,328; Nov. 19.
- Reuevey, Etienne A., Thonex, Switzerland. Doorlock. 2,019,506; Nov. 5.
- Renfer, John E., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism. 2,010,321; Aug. 6.
- Renfer, John E., and A. G. Slatcher, assignors to The Cleveland Rock Drill Company, Cleveland, Ohio. Fluid actuated tool. 2,011,502; Aug. 13.
- Renfrew, Archibald, Giffnock, Scotland, assignor to Imperial Chemical Industries Limited. Manufacture of laminated non-splintering glass. 2,024,389; Dec. 17.
- Renfrew, Paul B., Fort Wayne, Ind. Liquid dispensing apparatus. 1,986,162; Jan. 1.
- Renfro, O. H., South Gate, Calif. Tire mounting machine. 2,000,036; May 7.
- Renger, Julius, Philadelphia, Pa. Automatic camera film register. 2,007,344; July 9.
- Renholdt, John E. (See Beard, T. H., Johnson, and Renholdt.)
- Renholdt, John E. (See Lucarelle, J. M., and Renholdt.)
- Renholdt, John E. (See Norton, L. D., and Renholdt.)
- Renholdt, John E., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Control device. 2,002,798; May 28.
- Renholdt, John E., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Phonograph record retaining device for record containers. 2,022,216; Nov. 26.
- Renker, Max, Duren/Rheinland, Germany. Manufacture of photographic films and of carriers for the same. 1,997,745; Apr. 16.
- Renneisen, George L., assignor to Universal Specialties Company, Lyndon, Ky. Scouring mechanism. 1,993,898; Mar. 12.
- Renner, Herbert O. (See Haas, L. W., and Renner.)
- Rennick, Clarence A., and O. B. Curry, El Dorado, Kans. Electrical gauge. 2,025,774; Dec. 31.
- Rennie, Robert F., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Glazing refractory bodies. 1,989,824; Feb. 5.
- Reno, Alger R. (See German, Arthur J., assignor.)
- Renold and Coventry Chain Company Limited, The. (See Renshaw, Alfred, assignor.)
- Renouf, Roy R., assignor to Olympic Engineering Corporation, Los Angeles, Calif. Well packer. 2,005,955; May 25.
- Renshaw, Alfred, Manchester, assignor to The Renold and Coventry Chain Company Limited, Didsbury, Manchester, England. Tensioning device for chains, belts, and the like. 2,014,984; Sept. 17.
- Renshler, John D., Findlay, Ohio. Burial vault. 1,987,026; Jan. 8.
- Rensink, George C., Denver, Colo. Air cleaner and silencer. 1,994,006; Mar. 12.
- Rensselaer Valve Company. (See Rowe, E. L., and Taylor, assignors.)
- Rentschler, Harvey C., East Orange, N. J., assignor to Westinghouse Lamp Company. Photo-electric tube. 2,019,634; Nov. 5.
- Rentschler, Harvey C., East Orange, and D. E. Henry, Bloomfield, N. J., assignors to Westinghouse Lamp Company. Negative glowlamp. 2,003,493; June 4.
- Rentschler, Harvey C., East Orange, and D. E. Henry, Bloomfield, N. J., assignors to Westinghouse Lamp Company. Vapor electric device. 2,019,633; Nov. 5.
- Renyolds, C. M. (See Ingram, John, assignor.)
- Renz, Conrad W., Herreid, S. Dak. Antenna. 2,020,656; Nov. 12.
- Reo Motor Car Company. (See Bethune, John, assignor.)
- Reo Motor Car Company. (See Furgason, Claude E., assignor.)
- Reo Motor Car Company. (See Thomas, Horace T., assignor.)
- Reo Motor Car Company. (See Thomas, H. T., and Bethune, assignors.)
- Reo Motor Car Company. (See Thomas, H. T., and Hays, assignors.)
- Reo Motor Car Company. (See Wilkins, Adelbert E., assignor.)
- Repass, George E., Knoxville, Tenn. Builder for spinning frames. 2,025,672; Dec. 24.
- Repal Brass Mfg. Co. (See Buchet, Conrad R., assignor.)
- Repert, Walter B., Dunkirk, N. Y. Jar cap clamp. 1,995,942; Mar. 26.
- Repetto, Enrique F. (See Repetto, Francisco, H. G., and E. F.)
- Repetto, Francisco, H. G., and E. F., Buenos Aires, Argentina. Door and window. 1,990,919; Feb. 12.
- Repetto, Francisco, H. G. and E. F., Buenos Aires, Argentina. Combination window. 1,994,201; Mar. 12.
- Repetto, Horacio G. (See Repetto, Francisco, H. G. and E. F.)
- Replogle, Daniel B., Berkeley, Calif., assignor to Citizens Trust Company, Toledo, Ohio, trustee. Air-method cleaning tool. 1,994,868; Mar. 19.
- Replogle, Daniel B., Berkeley, Calif., assignor to Citizens Trust Company, Toledo, Ohio, as trustee. Air-method cleaning and dusting tool. 1,994,869; Mar. 19.
- Replogle, Daniel B., Berkeley, Calif., assignor to Citizens Trust Company, Toledo, Ohio, as trustee. Floor tool or nozzle for air-method cleaners. 1,994,870; Mar. 19.
- Replogle, Daniel B., Berkeley, Calif., assignor to Citizens Trust Company, Toledo, Ohio, as trustee. Furniture dusting tool. 1,994,871; Mar. 19.
- Replogle, Daniel B., Berkeley, Calif., assignor to Citizens Trust Company, Toledo, Ohio, as trustee. Dusting tool for air-method cleaning systems. 1,994,873; Mar. 19.
- Replogle, Daniel B., Berkeley, Calif., assignor to Citizens Trust Company, Toledo, Ohio. Making a dusting tool. 1,995,282; Mar. 19.
- Replogle, Daniel B., Berkeley, Calif., assignor to Citizens Trust Company, Toledo, Ohio. Pneumatic cleaner. 2,009,455; July 30.
- Replogle, Daniel B., Berkeley, Calif., assignor to Citizens Trust Company, Toledo, Ohio. Air-method cleaner. 2,016,294; Oct. 8.
- Replogle, Daniel B., Berkeley, Calif., assignor to Citizens Trust Company, Toledo, Ohio. Dust collector bag for air-method cleaners. 2,016,295; Oct. 8.
- Replogle, Daniel B., Berkeley, Calif., and H. E. Queen, Washington, D. C., assignors to Citizens Trust Company, Toledo, Ohio, as trustee. Double faced floor tool for air-method cleaning systems. 1,994,872; Mar. 19.
- Replogle, Daniel B., Berkeley, Calif., and H. E. Queen, Washington, D. C., assignors to Citizens Trust Company, Toledo, Ohio. Floor tool for air method cleaning systems. 2,012,287; Aug. 27.
- Replogle, Daniel B., Berkeley, Calif., and H. E. Queen, Washington, D. C., assignors to Citizens Trust Company, Toledo, Ohio, as Trustee. Floor tool for air-method cleaning systems. 2,017,770; Oct. 15.

- Replogle, Daniel B., Berkeley, Calif., and H. E. Queen, Washington, D. C., assignors to Citizens Trust Company, Toledo, Ohio, as Trustee. Dust collector for air-method cleaners. 2,017,771; Oct. 15.
- Replogle, John R. (See Gilbert, H. H., and Replogle.)
- Replogle, John R., Detroit, assignor, by mesne assignments, to Copeland Refrigeration Corporation, Mount Clemens, Mich. Freezing coil. 1,987,707; Jan. 15.
- Replogle, John R., Detroit, Mich., assignor to Copeland Refrigeration Corporation. Refrigerating mechanism. 1,987,708; Jan. 15.
- Replogle, John R., Detroit, assignor, by mesne assignments, to Copeland Refrigeration Corporation, Mount Clemens, Mich. Shelf construction. 1,997,432; Apr. 9.
- Replogle, John R., Detroit, assignor by mesne assignments, to Copeland Refrigeration Corporation, Mount Clemens, Mich. Rearwardly removable refrigerator unit. 2,011,078; Aug. 13.
- Replogle, John R., Detroit, assignor by mesne assignments to Copeland Refrigeration Corporation, Mount Clemens, Mich. Refrigerant compressor structure. 2,011,079; Aug. 13.
- Replogle, John R., Detroit, assignor, by mesne assignments, to Copeland Refrigeration Corporation, Mount Clemens, Mich. Valve structure. 2,015,126; Sept. 24.
- Repony, Daniel, Clifton, assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Belt. 1,999,256; Apr. 30.
- Repony, Daniel, Clifton, and J. H. Matthews, Nutley, assignors to Raybestos-Manhattan, Inc., Passaic, N. J. Belt. 2,010,894; Aug. 13.
- Reppe, Walter, and U. Hoffmann, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing unsaturated esters. 1,998,413; Apr. 16.
- Reppe, Walter, and K. Baur, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of acetals. 2,000,252; May 7.
- Reppe, Walter, and E. Keyssner, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of carboxylic amides. 2,013,108; Sept. 3.
- Reppe, Walter, and W. Wolff, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Vinyl ether. 2,017,355; Oct. 15.
- Reppe, Walter, and W. Wolff, Ludwigshafen-on-the-Rhine assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of viny ethers. 2,021,869; Nov. 19.
- Reppikus, Walter, Essen, Ruhr, Germany. Regenerative coke oven. 2,011,592; Aug. 20.
- Reppert, Hugh E., Washington, D. C., assignor to International Communications Laboratories, Inc., Newark, N. J. Remote control device. 1,989,771; Feb. 5.
- Reppert, Roy R., Bryan, Tex. Device for use in exterminating grain weevils. 1,996,347; Apr. 2.
- Republic Box Company. (See Krzyzak, Frank J., assignor.)
- Republic Flow Meters Company. (See Ayers, Theodore S., assignor.)
- Republic Flow Meters Company, The. (See Spitzglass, Albert F., assignor.)
- Republic Steel Corporation. (See Anderson, John R., assignor.)
- Republic Steel Corporation. (See Burke, Earl I., assignor.)
- Republic Steel Corporation, The. (See Cain, George D., assignor.)
- Republic Steel Corporation. (See Cape, A. T., and Bowman, assignors.)
- Republic Steel Corporation. (See Cramer, Frank W., assignor.)
- Republic Steel Corporation. (See Jenkins, D. E., and Schaeffer, assignors.)
- Republic Steel Corporation. (See Kurtze, Reimar C. F., assignor.)
- Republic Steel Corporation. (See Meyers, Carl W., assignor.)
- Republic Steel Corporation. (See Neckerman, William M., assignor.)
- Republic Steel Corporation. (See O'Neill, William T., assignor.)
- Republic Steel Corporation. (See Park, Lawrence H., assignor.)
- Republic Steel Corporation. (See Park, Lawrence J., assignor.)
- Republic Steel Corporation. (See Rippel, Herbert C., assignor.)
- Republic Steel Corporation. (See Rutter, Clyde M., assignor.)
- Republic Steel Corp., The. (See Sloan, Thomas N., assignor.)
- Republic Steel Corporation. (See Smith, Earl C., assignor.)
- Resch, Henry, Bayonne, N. J., assignor, by mesne assignments, to Ralph C. Coxhead Corporation, New York, N. Y. Paper feeding mechanism. 2,015,728; Oct. 1.
- Research Association of British Rubber Manufacturers, The. (See Porritt, B. D., Dawson, and Scott, assignors.)
- Research Corporation. (See Gilbert, Chester G., assignor.)
- Research Corporation. (See Herber, Pierre, assignor.)
- Research Corporation. (See Sloan, David H., assignor.)
- Research Corporation. (See Van de Graaff, Robert J., assignor.)
- Research Corporation. (See Wintermute, Harry A., assignor.)
- Research Foundation, Inc. (See Tornso, Gustaf E., assignor.)
- Research Inc. (See Huggett, Martin C., assignor.)
- Research Laboratories of National Dairy Products Corporation. (See Horneman, Herman C., assignor.)
- Research and Manufacturing Corporation. (See Pecker, Joseph S., assignor.)
- Resek, Marc. (See Chadwick, L. S., and Resek.)
- Resek, Marc. (See Chadwick, L. S., Resek, and Midnight.)
- Resek, Marc, and T. B. Focke, Cleveland Heights, assignors to Perfection Stove Company, Cleveland, Ohio. Enamelled condenser. 1,985,950; Jan. 1.
- Reschke, Karl. (See Peineke, W., Reschke, and Dietz.)
- Resilent Hammer, Inc. (See Badcon, Eber W., assignor.)
- Resinous Products & Chemical Company, Inc., The. (See Bruson, Herman A., assignor.)
- Resinous Products & Chemical Co. Inc., The. (See Bruson, H. A., and Stein, assignors.)
- Resinous Products & Chemical Company, The. (See Fonrobert, E., and Lemmer, assignors.)
- Resinox Corporation. (See Allen, Frederick E., assignor.)
- Resinox Corporation. (See Berlin, Henry, assignor.)
- Resinox Corporation. (See Woodruff, John C., assignor.)
- Resnick, Murray H., New York, N. Y. Hand bag and reversible cover therefor. 2,000,538; May 7.
- Respass Aeronautical Engineering Corporation. (See Respass, Roland B., assignor.)
- Respass, Roland B., Wickford, assignor to Respass Aeronautical Engineering Corporation, Cranston, R. I. Aerial signal device. 1,993,414; Mar. 5.
- Responsabilité Limitée Kuppel & Simeant. (See Kuppel, H., and Simeant, assignors.)
- Ressler, Ivan L. (See Magill, P. L., Dunning, and Ressler.)
- Ressler, William E. (See Heitzman, Richard J., assignor.)
- Reswick, Maurice, Ellwood City, Pa., assignor to Penola Inc. Fluid pressure distributing means. 1,988,749; Jan. 22.
- Reswick, Maurice, Pittsburgh, Pa., assignor to Penola, Inc. Lubricating device. 2,006,181; June 25.
- Retana, Thomas R., et al. (See Laugier, Carlos, assignor.)
- Rettenmeyer, Francis X., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio receiving system. 2,000,190; May 7.
- Rettenmeyer, Frederick W., Meriden, Conn., assignor to The Napier Co. Cocktail shaker. 2,013,616; Sept. 3.
- Retterer, Raymond W. (See Brossart, J. A., Bigelow, and Retterer.)
- Reffich, Kurt, Jackson, Mich. Ash receiver. 2,016,560; Oct. 8.
- Reubke, Emil. (See Suchy, R., and Reubke.)
- Reukauf, Edward, Jr., and W. J. Stuber, assignors to Carey-McFall Co., Philadelphia, Pa. Awning. 2,021,022; Nov. 12.
- Reussenzehn, Ernest A. (See Jones, W. E., and Reussenzehn.)
- Reussenzehn, Ernest A. (See Schumacker, L. J., and Reussenzehn.)
- Reussenzehn, Ernest A. (See Von Pein, E. J., and Reussenzehn.)
- Reussenzehn, Ernest A., Dayton, Ohio, assignor to International Business Machines Corporation, New York, N. Y. Magnifying device for scales. 1,987,245; Jan. 8.
- Reussenzehn, Ernest A., Dayton, assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Scale support. 1,993,624; Mar. 5.
- Reussenzehn, Ernest A., Dayton, assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Scale poise. 1,996,976; Apr. 9.
- Reuter, Balthazar E., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Bleaching of fatty acids, oils, and fats. 2,022,738; Dec. 3.
- Reuter, Baptist, Krailling-Planegg, Germany. Manufacturing of stable solutions of the sodium salt of diamino-dioxy-arsenobenzene-methylsulphonic acid and the product. 1,986,749; Jan. 1.
- Reuter, Baptist, Krailling-Planegg, Germany. Producing 1-phenyl-2,3-dimethyl-5-pyrazolone. 2,005,505; June 18.
- Reuter, Baptist, Krailling-Planegg, Germany. Producing 4-dimethylamino-1-phenyl-2,3-dimethyl-5-pyrazolone. 2,005,506; June 18.
- Reuter, Francis J., Washington, D. C., assignor to Packmat Corporation. Brake band. 1,990,880; Feb. 12.
- Reuter, Francis J., Jersey City, N. J., assignor to Packmat Corporation. Packing fabric. 2,011,593; Aug. 20.
- Reuter, Joseph, Brooklyn, and J. Rothenbucher, Astoria, N. Y. Retainer. 1,999,575; Apr. 30.
- Reutter, Frederick R., assignor to Scovill Manufacturing Company, Waterbury, Conn. Steaming spool. 1,999,422; Apr. 30.
- Reutter, Frederick and J. H. Goss, assignors to Scovill Manufacturing Company, Waterbury, Conn. Making hose menders. 2,010,895; Aug. 13.
- Rovag A.-G. (See Fuels, Friedrich, assignor.)
- Revelation Patents Holding Company. (See MacLaren, Fred B., assignor.)
- Reville, George H., Seattle, Wash. Holder for tooth paste tubes and the like. 1,992,442; Feb. 26.
- Rever, Lee B., assignor to Rapidol Distributing Corp., New York, N. Y. Dye swab and comb combination. 2,000,790; May 7.

- Revere Copper and Brass Incorporated. (See Ullmann Ralph W., assignor.)
- Revere Copper and Brass Incorporated. (See Wilkins, Richard A., assignor.)
- Revere Electric Company. (See Marker, V. N., and McMakin, assignors.)
- Revere Rubber Company. (See Gibbons, W. A., and Sturdevant, assignors.)
- Revere Rubber Company. (See Hazell, Eardley, assignor.)
- Reverey. (Gustav. (See Rosenbusch, R., and Reverey.)
- Revett, Richard E., Lima, Peru. Automatic control and safety apparatus for use on power driven vehicles. 2,020,160; Nov. 5.
- Rewald, Bruno, assignor to Hanseatische Mühlenwerke Aktiengesellschaft, Hamburg, Germany. Thickening material for use in the printing of textile fabrics. 1,986,360; Jan. 1.
- Rewald, Bruno, Hamburg, Germany, assignor, by mesne assignments, to American Lecithin Company, Cleveland, Ohio. Treatment of fibrous and textile materials. 2,020,517; Nov. 12.
- Rex, John P., et al. (See Urquhart, Norman J., assignor.)
- Rex-Watson Corporation. (See Imhofe, Robert H., assignor.)
- Rexwinkle, Fred D., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Refrigeration. 2,003,310; June 4.
- Reyburn, John R., Fairfield, Conn., assignor to American Chain Company, Inc. Method and device for controlling oscillations of springs. 2,009,521; July 30.
- Reyburn, John R., Fairfield, Conn., assignor to American Chain Company, Inc. Adjusting and tightening device for fire chains. 2,012,404; Aug. 27.
- Reyburn Manufacturing Company, The. (See Fleming Raymond E., assignor.)
- Reyle, Berthold. (See Hagedorn, M., and Reyle.)
- Reynaud, Samuel C., assignor to Detroit Steel Products Company, Detroit, Mich. Window operator construction. 2,007,434; July 9.
- Reynders, Arthur B., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Laminated punching with small air-gap between teeth. 2,024,745; Dec. 17.
- Reynell, Carew H., and A. J. V. Ware, assignors to Reynell-Ware Incorporated, Memphis, Tenn. Defibrating. 2,004,731; June 11.
- Reynell-Ware Incorporated. (See Reynell, C. H., and Ware, assignors.)
- Reynhart, Arthur F. A., Velsen-Noord, assignor to Naamlooze Vennootschap de Bataafsche Petroleum Maatschappij, The Hague, Netherlands. Continuous manufacture of ammonium salts. 1,999,257; Apr. 30.
- Reyniers, James A., South Bend, Ind. Detachable back for seats. 2,021,242; Nov. 19.
- Reynolds, Arthur W., Newtown, Conn. Spring tooth barrow. 2,000,097; May 7.
- Reynolds, Charles E., Watertown, assignor to Cambridge Rubber Co., Cambridge, Mass. Shoe fabrics. 2,021,870; Nov. 19.
- Reynolds, Charles H., Malden, assignor to Albert & J. M. Anderson Manufacturing Company, South Boston, Mass. Electrical connection. 1,997,081; Apr. 9.
- Reynolds, Charles H., Malden, assignor to Albert & J. M. Anderson Manufacturing Company, South Boston, Mass. Electrical connection. 1,997,082; Apr. 9.
- Reynolds, Clarke F. (See Re, Albert J., assignor.)
- Reynolds, Damian L., Hillsboro, Calif. Refrigerating system. 1,999,595; Apr. 30.
- Reynolds Electric Company. (See Laib, William L., assignor.)
- Reynolds, Ellwood W. (See Loomis, F. J., and Reynolds.)
- Reynolds, Ellwood W., Drexel Hill, Pa., assignor to Radio Corporation of America. Photophonograph. 2,013,109; Sept. 3.
- Reynolds, Frederick D., St. Louis, Mo. Cooking utensil. 1,987,492; Jan. 8.
- Reynolds Gas Regulator Co. (See Hughes, Ralph C., assignor.)
- Reynolds, George M., Converse, Ind. Plow share attachment. 2,016,578; Oct. 8.
- Reynolds, Hamilton T., Huntington, Pa. Window. 2,024,877; Dec. 17.
- Reynolds, Harry H. (See Daudt, H. W., Youker, and Reynolds.)
- Reynolds, Harry H. (See Downing, F. B., Clarkson, and Reynolds.)
- Reynolds, Henry T., Lombard, assignor to E. L. Nall, Whenton, Ill. Liquid dispensing device. 2,017,818; Oct. 15.
- Reynolds, Isaac G., Martinsville, Va. Universal electric connection. 2,012,771; Aug. 27.
- Reynolds, John A., Miccosukee, Fla. Roach trap. 1,999,342; Apr. 30.
- Reynolds, John N., Princeton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,021,329; Nov. 19.
- Reynolds, Lafayette C., assignor to American Writing Paper Company, Inc., Holyoke, Mass. Paper making apparatus. 1,998,095; Apr. 16.
- Reynolds, Lawrence M., Pasadena, Calif. Pouring spout. 2,013,361; Sept. 3.
- Reynolds, Marvin C. (See Epstein, A. K., Harris, Reynolds, and Sternberg.)
- Reynolds, Marvin C. (See Epstein, A. K., Reynolds, and Harris.)
- Reynolds, Marvin C., Chicago, Ill. Margarine and making the same. 2,022,924; Dec. 3.
- Reynolds Metals Company et al. (See Moody, Virginus W., assignor.)
- Reynolds, Michael, Ottumwa, Iowa. Control for automatic air brake apparatus. 1,992,443; Feb. 26.
- Reynolds, Milton, Chicago, Ill. Show card. 1,998,687; Apr. 23.
- Reynolds, Morely P., Cleveland Heights, and R. W. Disbro, Shaker Heights, assignors to The W. S. Tyler Company, Cleveland, Ohio. Classifying apparatus. 1,991,001; Feb. 12.
- Reynolds, R. J., Tobacco Company. (See Little, George H., assignor.)
- Reynolds, Ralph K., assignor to The Mallory Hat Company, Danbury, Conn. Hat construction. 2,003,955; June 4.
- Reynolds Research Corporation. (See Moody, Virginus W., assignor.)
- Reynolds Research Corporation. (See Reynolds, Richard S., assignor.)
- Reynolds, Richard S., Glen Cove, assignor to Reynolds Research Corporation, New York, N. Y. Laminated material. 2,003,494; June 4.
- Reynolds, Robert B. (See Lowy, A., Reynolds, and Young.)
- Reynolds, Saxe S., Columbus, Ohio. Rake attachment for lawn mowers. 2,023,697; Dec. 10.
- Reynolds Spring Company. (See McNally, Edward D., assignor.)
- Reynolds Spring Company. (See Reed, Clair S., assignor.)
- Reynolds Spring Company. (See Schrier, Donald P., assignor.)
- Reynolds, Vernon P., Chicago, Ill., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,025,673; Dec. 24.
- Reynolds, William J. (See Wright, E. P. G., Hartley, and Reynolds.)
- Reynolds Wire Co. (See Thompson, Herbert L., assignor.)
- Reynolle, A., & Company Limited. (See Allan, Archibald, assignor.)
- Reynolle, A., & Company Limited. (See Leeson, B. H., Harle, and Lambert, assignors.)
- Rhea, Thomas R., and L. A. Umansky, Schenectady, N. Y., assignors to General Electric Company. Control system. 2,023,243; Dec. 3.
- Rhein, Charles E., and J. J. Bruton, Los Angeles, Calif., assignors to The Linde Air Products Company. De-coking lance. 1,987,972; Jan. 15.
- Rhein, Charles E., and J. J. Bruton, Los Angeles, Calif., assignors to The Linde Air Products Company. De-coking lance. 2,012,832; Aug. 27.
- Rhein, Otto, Rocky River, Ohio, and E. G. Clemenson, Pelham, N. Y., assignors to National Carbon Company Inc. Flash light. 1,996,655; Apr. 2.
- Rheiner, Alfred, assignor to the firm of Chemical Works formerly Sandoz, Basel, Switzerland. Insulated electrical conductor. 2,017,607; Oct. 15.
- Rheinische Kampfer-Fabrik G. m. b. H. (See Skraup, Siegfried, assignor.)
- Rheinische Metallwaren-und Maschinenfabrik. (See Gietmann, Anton, assignor.)
- Rheinische Metallwaren-und Maschinenfabrik. (See Linder, Friedrich, assignor.)
- Rheinische Metall waren- und Maschinenfabrik. (See Schlifer, Valentin, assignor.)
- Rheinische Metallwaren-und Maschinenfabrik. (See Sundhausen, Hermann, assignor.)
- Rheinische Metallwaren-und Maschinenfabrik Sommerda Aktiengesellschaft. (See Kottmann, August, assignor.)
- Rhine, Fred P., Detroit, Mich. Switch closing mechanism. 1,993,946; Mar. 12.
- Rhineland Paper Company. (See Dodge, Lloyd L., assignor.)
- Rhinevault, Glenn G., Saginaw, Mich., assignor to E. L. Bruce Company, Memphis, Tenn. Wood block flooring. 1,991,821; Feb. 19.
- Rhinevault, Harry A., assignor to Armstrong Bros. Tool Co., Chicago, Ill. Detent. 2,008,367; July 16.
- Rhoades, Charles M., assignor to The Dayton Rubber Mfg. Company, Dayton, Ohio. Belt connector. 2,012,071; Aug. 20.
- Rhoads, Albert E. (See Crosby, E. L., and Rhoads.)
- Rhode Island Warp Stop Equipment Company. (See Smith, Edwin C., assignor.)
- Rhode Island Warp Stop Equipment Company. (See Smith, E. C., and McLaughlin, assignors.)
- Rhodes, Edmund O., and J. C. Fitzpatrick, Pittsburgh, Pa., assignors to American Tar Products Co. Inc. Coking carbonizable materials and recovering vapors and gases resulting therefrom. 2,016,051; Oct. 1.
- Rhodes, Estol C., Des Moines, Iowa. Child's step for use in combination with toilet stools. 2,023,901; Dec. 10.
- Rhodes, George H., Fall River, Mass. Treating textile fabrics. 2,026,190; Dec. 31.
- Rhodes, George I., Glen Ridge, N. J. Electric rectifier. 2,019,729; Nov. 5.
- Rhodes, Henry G., Mayfield Heights, assignor of one-half to V. F. Germ, Lyndhurst, Ohio. Hydraulic brake. 1,986,763; Jan. 1.
- Rhodes, Henry G., Mayfield Heights, assignor of one-half to V. F. Germ, Lyndhurst, Ohio. Hydraulic brake. 1,986,764; Jan. 1.
- Rhodes, Howard E., Floral Park, assignor to Aerovox Corporation, Brooklyn, N. Y. Electrolytic condenser. 1,997,562; Apr. 9.

- Rhodes, Howard E., Floral Park, N. Y., assignor to Aerovox Corporation. Producing electrolytic cells. 2,019,994; Nov. 5.
- Rhodes, James H., & Company. (See Peterson, Levander, assignor.)
- Rhodes, John E., Seattle, Wash. Electric broiler. 2,025,898; Dec. 31.
- Rhodes, John E., Seattle, Wash. Combined electric broiler and heater. 2,025,899; Dec. 31.
- Rhodes, Joseph F., South Pasadena, Calif. Soil pulverizer. 2,004,393; June 11.
- Rhodes, Lewis B., Washington, D. C., assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Automatic temperature differential control system. 2,026,063; Dec. 31.
- Rhodes, M. H., Inc. (See Rhodes, Marcus H., assignor.)
- Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., Hartford, Conn. Escapement. 1,995,363; Mar. 26.
- Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., Hartford, Conn. Time controlled switch. 1,996,173; Apr. 2.
- Rhodes, Marcus H., Hartford, assignor to M. H. Rhodes, Inc., Hartford, Conn. Time controlled switch. 2,001,266; May 14.
- Rhodes, Omer E., Aberdeen, and F. L. Rockwell, Cosmopolis, Wash. Valve for flushing hot water tanks and coils. 1,990,709; Feb. 12.
- Rhodes, Omer E., Aberdeen, and F. L. Rockwell, Cosmopolis, Wash. Motor mounting. 2,001,111; May 14.
- Rhodes, Roy J., Peoria, Ill. Baseball playing apparatus. 1,993,075; Mar. 5.
- Rhodes, William, Limited. (See Binch, Arthur H., assignor.)
- Ribble, Matthew D. (See Jaenichen, L., and Ribble.)
- Riblet, Robert M., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing. 2,010,108; Aug. 6.
- Riblet, Robert M., assignor to The Timken Roller Bearing Company, Canton, Ohio. Pinion shaft bearing. 2,019,464; Oct. 29.
- Ribley, Frank C., Troy, N. Y. Spoon. 2,012,637; Aug. 27.
- Ricard, Eloi, H. M. Guinot, and A. M. Parant, assignors, by mesne assignments, to Société Anonyme: Usines de Melle, Melle, France. Process and apparatus for concentrating and esterifying aliphatic acids. 2,015,870; Oct. 1.
- Ricardo, Harry R., London, England. Crankshaft for internal combustion engines. 1,994,729; Mar. 19.
- Ricardo, Harry R., London, England. Two-stroke sleeve-valve internal combustion engine of the liquid fuel injection compression ignition type. 1,995,579; Mar. 26.
- Ricardo, Harry R., London, England. Internal combustion engine of the liquid fuel injection compression ignition type. 2,003,311; June 4.
- Ricardo, Harry R., Small Dole, near Henfield, England. Greenhouse structure. 2,019,831; Nov. 5.
- Riccardi, Aristide, Rome, Italy. Automatic train signal for level crossings. 2,013,008; Sept. 3.
- Ricchiardi, Pier C., Paris, France. Telephone repeating apparatus. 1,993,486; Mar. 5.
- Ricci, Harry, assignor to The Sireno Company, Inc., Staten Island, N. Y. Siren. 2,017,132; Oct. 15.
- Riccus, Harry E. (See Anderson, R. W., and Riccius.)
- Rice, Allen E. (See Faulkner, D. S., Rice, and Zerbe.)
- Rice, Allen E. (See Zerbe, L. E., and Rice.)
- Rice, Allen E., Palos Verdes, and J. S. Morgan, Jr., Inglewood, Calif., assignors to The National Supply Company, Toledo, Ohio. Multiple speed gear driven draw works. 2,026,141; Dec. 31.
- Rice, Barton & Fales, Incorporated. (See Thomson, G. H., Stafford, and Smith, assignors.)
- Rice, Barton & Fales, Incorporated. (See Vedder, John W., assignor.)
- Rice, Charles D., West Hartford, Conn. Spring suspension. 1,987,365; Jan. 8.
- Rice, Charles D., West Hartford, Conn. Railway car body. 2,005,165; June 18.
- Rice, Charles De L., West Hartford, Conn. Vehicle wheel. 2,013,139; Sept. 3.
- Rice, Charles De L., West Hartford, Conn. Side bearing for railway cars. 2,017,259; Oct. 15.
- Rice, Charles L., Jackson, Mich. Connecting conductors and the like. 1,987,127; Jan. 8.
- Rice, Chester W., Schenectady, N. Y., assignor to General Electric Company. Sound wave apparatus. 2,016,906; Oct. 8.
- Rice, Chester W., Schenectady, N. Y., assignor to General Electric Company. Sound wave apparatus. 2,016,907; Oct. 8.
- Rice, Claude T. (See Atti, Ralph, assignor.)
- Rice, Claude T. (See Atti, R., and Rice.)
- Rice, Clifford M., Daytona Beach, Fla. Automobile headlight. 2,004,831; June 11.
- Rice, Edward, Jr., New York, N. Y. Method and apparatus for refrigeration. 1,989,609; Jan. 29.
- Rice, Edward, Jr., New York, N. Y. Method and apparatus for refrigeration. 1,992,889; Feb. 26.
- Rice, Edward, Jr., New York, N. Y. Refrigerating method and apparatus. 2,012,892; Aug. 27.
- Rice, Edward W., Santa Cruz, assignor to Santa Cruz Portland Cement Company, San Francisco, Calif. High silica cement. 2,026,064; Dec. 31.
- Rice, Elmer C. (See Hemstreet, Charles, assignor.)
- Rice, Frank E., assignor to American Tap Bush Company, Detroit, Mich. Cork grip bush. 1,991,628; Feb. 19.
- Rice, Frank E., assignor to American Tap Bush Company, Detroit, Mich. Seal. 2,010,109; Aug. 6.
- Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Dispenser. 2,017,133; Oct. 15.
- Rice, George A., Schenectady, N. Y. Antiglare headlight attachment. 1,999,481; Apr. 30.
- Rice, George E., New York, N. Y., assignor to Conservation Corporation of America. Seasoning, preserving, tempering wood and woody growths. 1,999,969; Apr. 30.
- Rice, George P., New Orleans, La. Concrete floor construction. 2,022,784; Dec. 3.
- Rice, Harry B., assignor to Vacuum Bolting Cloth Cleaner Corporation, Houston, Tex. Sieve liner. 2,001,631; May 14.
- Rice, Henry W., East Boothbay, Maine. Drafting appliance. 2,010,198; Aug. 6.
- Rice, Hudson D., Jr., and J. M. Babb, Dallas, Tex. Internal combustion rotary motor. 1,997,119; Apr. 9.
- Rice, Jacques B., executor, et al. (See Rice, Louis W.)
- Rice, Joel A., New York, N. Y. Stud-and-eye clasp for corsets and the like. 2,003,222; May 28.
- Rice, John A., Berkeley, Calif., assignor to The Bubblestone Company, Pittsburgh, Pa. Making cellular concrete. 1,985,905; Jan. 1.
- Rice, Joseph, Chicago, Ill. Safety razor. 2,013,174; Sept. 3.
- Rice, Louis W., deceased, New York, by J. A. Despres, Scarsdale, and J. B. Rice and S. M. Isaacs, New York, N. Y., executors, assignors to Bernard Rice's Sons Incorporated. Ornamental top for cigarette tins. 1,987,795; Jan. 15.
- Rice, Trew & Rice Co. Inc. (See Byers, Robert, assignor.)
- Rice, Trew & Rice Co. Inc. (See Ridge, Guy, assignor.)
- Rice, Trew & Rice Co. Inc. (See Trew, James W., assignor.)
- Rice, Waldo G., Chicago, Ill. Electrical transmission bank. 2,023,290; Dec. 3.
- Rice, Walter A., Yonkers, and F. G. Shinn, Bronxville, N. Y. Method and apparatus for weaving knotted fabrics. 1,987,973; Jan. 15.
- Rice, Walter A., and F. G. Shinn, Yonkers, N. Y. Method and apparatus of weaving knotted fabrics. 1,994,536; Mar. 19.
- Rice, William, and M. H. Goldberg, Chicago, Ill.; said Goldberg assignor to said Rice. Automatic radio station selector. 2,019,157; Oct. 29.
- Rice, William H., and H. M. Lyon, Atlanta, Ga. Strainer for gasoline delivery nozzles. 2,019,094; Oct. 29.
- Ricefield, Louis. (See Van Leir, Henry W., assignor.)
- Ricefield, Louis, Oak Park, Ill. Coupling. 2,025,824; Dec. 31.
- Ricefield, Louis, Oak Park, Ill. Coupling. 2,025,825; Dec. 31.
- Ricefield, Louis, Oak Park, Ill. Coupling. 2,025,826; Dec. 31.
- Ricefield, Louis, Oak Park, Ill. Coupling. 2,025,827; Dec. 31.
- Ricefield, Louis, Oak Park, Ill. Coupling. 2,025,828; Dec. 31.
- Ricefield, Louis, Oak Park, Ill. Coupling. 2,025,829; Dec. 31.
- Rice's, Bernard, Sons Incorporated. (See Rice, Louis W., assignor.)
- Rich, Carl H., and K. K. Nabigyan, assignors to Riley Stoker Corporation, Worcester, Mass. Gas scrubber. 2,011,828; Aug. 20.
- Rich, Charles A., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Machine for fashioning articles successively from bar stock. 1,986,855; Jan. 8.
- Rich, Chester A., and J. W. Richardson, Cincinnati, Ohio; said Richardson assignor to said Rich. Ironing board. 2,011,080; Aug. 13.
- Rich, Donald U., Teaneck, N. J., assignor to American Car and Foundry Company, New York, N. Y. Mine car. 2,001,692; May 14.
- Rich, Frank S., Los Angeles, Calif. Finger print record and making same. 2,020,376; Nov. 12.
- Rich, George R., Pasadena, Calif. Poppet valve. 2,017,294; Oct. 15.
- Rich, George T. (See Russell, John K., assignor.)
- Rich, H. M., et al. (See Frye, Jason S., assignor.)
- Rich, Joseph H., Stoneham, Mass. Pruning implement or tool. 2,006,874; July 2.
- Rich, Martin F., Cleveland Heights, assignor of one-fourth to B. Kapner, Bellaire, Ohio. Light projection lamp. 1,991,866; Feb. 19.
- Rich, Mortimer M. (See Black, L. G., and Rich.)
- Rich Pump & Ladder Company, The. (See Richardson, Jesse W., assignor.)
- Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Demand meter. 2,019,318; Oct. 29.
- Rich, William R. (See Wysocki, J., and Rich.)
- Richard, Bernhard, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Monoazo dyestuffs and their production. 2,012,772; Aug. 27.
- Richard, Charles F., assignor to Johnson Automatic Sealer Co., Ltd., Battle Creek, Mich. Filling and weighing machine. 1,986,069; Jan. 1.
- Richard, Charles F., assignor to Johnson Automatic Sealer Co., Ltd., Battle Creek, Mich., a partnership association Limited of Michigan. Packaging machine. 2,018,806; Oct. 29.

- Richard, Charles F., assignor to Johnson Automatic Sealer Co., Ltd., Battle Creek, Mich. Packaging machine. 2,018,807; Oct. 29.
- Richard, Clement C., assignor of one-third to O. K. Richard, and one-third to C. H. Kain, Detroit, Mich. Hydraulic mechanism for determining the path of movement of a tool or other element. 2,016,931; Oct. 8.
- Richard, Grant M., Toledo, Ohio. Heat regulation. 1,991,415; Feb. 19.
- Richard, Henri A., Troyes, France. Tubular heat exchange apparatus. 2,023,646; Dec. 10.
- Richard, Otis K., et al. (See Richard, Clement C., assignor.)
- Richard, Victor, Wentworth County, Ontario, Canada. Spark arrester. 2,015,367; Sept. 24.
- Richard, William E., assignor to Sunbeam Electric Manufacturing Company, Evansville, Ind. System of lubrication. 2,010,896; Aug. 13.
- Richards, A. I., et al. (See Frye, Jason S., assignor.)
- Richards, Antonia, Providence, R. I. Apparatus for molding a liquid bag. 2,003,092; May 28.
- Richards Chemical Works, Inc. (See Kaplan, Philip, assignor.)
- Richards, Claude G., Rosendale, Mo. Collapsible mold. 1,997,232; Apr. 9.
- Richards, Eugene, Administrator. (See Shields, Harry A.)
- Richards, Grover E., Youngstown, Ohio. Hoisting device. 1,987,493; Jan. 8.
- Richards, Harmon L., Canyon, Calif. Reenforcing bar chair. 2,016,561; Oct. 8.
- Richards, Harry C., Niles, Mich. Cooling means for shafts. 1,986,219; Jan. 1.
- Richards, Henry I., Washington, D. C. Tobacco harvester. 1,999,638; Apr. 30.
- Richards, Henry I., Washington, D. C. Adjustable copyholder. 2,013,253; Sept. 3.
- Richards, Lee M., assignor to The Master Electric Company, Dayton, Ohio. Electric welding generator. 1,993,455; Mar. 5.
- Richards, Lorenzo A. (See Verman, L. C., and Richards.)
- Richards, Lorenzo A., Ithaca, N. Y. System for supplying, controlling, and measuring soil moisture. 2,023,490; Dec. 10.
- Richards, Thomas T. (See Johns, G. M., Smith, and Richards.)
- Richards-Wilcox Canadian Company Limited. (See Hall, Frederick W., assignor.)
- Richards-Wilcox Manufacturing Company. (See Alinsworth, Harry G., assignor.)
- Richards-Wilcox Manufacturing Company. (See Butler, Harry R., assignor.)
- Richards-Wilcox Manufacturing Company. (See Tamsitt, Joseph C., assignor.)
- Richards, Willard F., Depew, assignor to The Gould Coupler Company, New York, N. Y. Coupler operating mechanism. 2,000,987; May 14.
- Richards, Willard F., Depew, assignor to The Gould Coupler Company, New York, N. Y. Coupler. 2,002,508; May 28.
- Richards, William F., Brownstown, Ind. Time delay mechanism. 2,023,698; Dec. 10.
- Richards, William F., Depew, assignor to The Gould Coupler Company, New York, N. Y. Coupler. 2,023,550; Dec. 10.
- Richardson, Albert S., Wyoming, Ohio, F. C. Vibrans, Chicago, Ill., and J. T. R. Andrews, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Composition of fatty matter and stabilizing same. 1,993,181; Mar. 5.
- Richardson, Andrew T. (See Kruse, J. F. W., Dawson, and Richardson.)
- Richardson, Arthur J., and E. J. Richardson, Baltimore, Md. Hammer. 2,018,573; Oct. 22.
- Richardson, Arthur M., Colfax, Wash. Pitman box. 1,999,916; Apr. 30.
- Richardson, Arthur W., assignor to The Asiatic Petroleum Company Limited, London, England. Oil burner for heating stoves and the like. 2,011,982; Aug. 20.
- Richardson Company, The. (See Dillehay, E. R., and Rieser, assignors.)
- Richardson Company, The. (See Fisher, Harry C., assignor.)
- Richardson Company, The. (See Rieser, Oliver O., assignor.)
- Richardson, Donald E. (See Fischer, H. G., Musket and Richardson.)
- Richardson, Dudley F., Chappaqua, N. Y., assignor to General Electric Company. Time delay undervoltage protective system. 2,010,701; Aug. 6.
- Richardson, Earle E., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose acetate protective coating. 2,017,165; Oct. 15.
- Richardson, Edward J. (See Richardson, Arthur J., and E. J.)
- Richardson, Elmer C., assignor to Mole-Richardson, Inc., Los Angeles, Calif. Arc lamp. 2,002,549; May 28.
- Richardson, Harry H., Hamilton, Ontario, Canada, assignor to Union Drawn Steel Company, Massillon, Ohio. Drawing die. 2,012,022; Aug. 20.
- Richardson, Jesse W. (See Rich, C. A., and Richardson.)
- Richardson, Jesse W., assignor to The Rich Pump & Ladder Company, Cincinnati, Ohio. Ironing board. 2,003,866; June 4.
- Richardson, Kay A. (See Madsen, M., Ziegler, Richardson, and Parrott.)
- Richardson, Kent M., Winona, Minn., and D. J. Harding, Kansas City, Kans., assignors, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Chilling-hardening adhesive. 2,013,928; Sept. 10.
- Richardson, Lawrence, Melrose, Mass. Locomotive firebox. 2,016,726; Oct. 8.
- Richardson, Led L., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Spring for ratchet mechanisms. 2,013,765; Sept. 10.
- Richardson, Linwood T., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Treating normally cold-moldable plastic insulating compositions. 2,010,034; Aug. 6.
- Richardson, Lloyd M., Milwaukee, Wis. Golf score card. 2,012,023; Aug. 20.
- Richardson, Maurice F., Berwyn, Pa. Valve. 1,987,974; Jan. 15.
- Richardson, Maurice F., Berwyn, Pa. Valve. 1,993,567; Mar. 5.
- Richardson, Maurice F., Berwyn, Pa. Valve. 2,016,390; Oct. 8.
- Richardson, Myron H. (See Gebert, A. E., and Richardson.)
- Richardson, Myron H., Chicago, and A. E. Gebert, Wilmette, Ill., assignors to Advance Machine Company, Chicago, Ill. Coin controlled mechanism. 2,010,643; Aug. 6.
- Richardson, Ralph S., Teaneck, N. J., assignor to Chemical Corporation, New York, N. Y. Producing hydrogen and carbon black. 2,013,699; Sept. 10.
- Richardson, Robert W., Cleveland, Ohio. Electric signaling system. 2,017,166; Oct. 15.
- Richardson, Rodney G. (See Engelhardt, Henry H., assignor.)
- Richardson, Rodney G. (See Hulse, H. H., Bellamy, Richardson, and Lesh.)
- Richardson, Roger W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing ammonium sulphate or bisulphate solutions. 2,004,799; June 11.
- Richardson, Sidney. (See Boyd, C. E., and Richardson.)
- Richardson, Walter G., South Gardner, Mass. Bird bath. 2,002,378; May 21.
- Richert, Joseph J. (See Embury, H. A., and Welsh, assignors.)
- Richeon, Sanford E., New York, assignor to Musa Baluteen, Brooklyn, N. Y. Apparatus for cooking. 2,018,419; Oct. 22.
- Richfield Oil Company of California. (See Craig, W. A., and Griffith, assignors.)
- Richheimer, Isaac D., New York, N. Y. Coffee making apparatus. 2,025,333; Dec. 24.
- Richie, David R. (See Mader, J., and Richie.)
- Richmond Fireproof Door Company, The. (See Bancroft, James E., assignor.)
- Richmond, George L., assignor to Bloomer Bros. Company, Newark, N. Y. Container for fragile articles. 1,994,090; Mar. 12.
- Richmond, Hiram W., and C. G. Kemp, Philadelphia, Pa. Grating. 2,011,730; Aug. 20.
- Richmond, Louis E., assignor to The Autocall Company, Shelby, Ohio. Electrical relay. 2,015,156; Sept. 24.
- Richmond Screw Anchor Co. (See Schenk, Tamis C., assignor.)
- Richter, Alfred, Berlin-Reinickendorf-Ost, Germany. Ventilating system. 2,011,117; Aug. 13.
- Richter, August. (See Richter, Edward and A.)
- Richter, Charles, Tampa, assignor of one-half to N. C. Geise, Palatka, Fla. Lock bolt. 2,018,574; Oct. 22.
- Richter, Charles J., Berwyn, assignor to The Goss Printing Press Company, Chicago, Ill. Web renewing mechanism. 2,000,253; May 7.
- Richter, Clarence H. (See Burgdorfer, R. H., Hendren, and Leyendecker, assignors.)
- Richter, David, Aktiengesellschaft. (See Günthe, Rudolf G., assignor.)
- Richter, Edward and A., Freeport, Ill. Automatic leveling means for hearses and other vehicles. 1,990,798; Feb. 12.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Bleaching of cellulose fiber. 1,987,212; Jan. 8.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Manufacture of water-laid felts. 1,987,213; Jan. 8.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Cyclic process of pulping raw cellulosic materials. 1,987,214; Jan. 8.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Specialty paper. 1,989,885; Feb. 5.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Manufacture of mercerized cellulose products. 1,999,059; Apr. 23.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Manufacture of impregnated articles. 1,995,623; Mar. 26.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Production of bast fibers for paper-making and other purposes. 1,995,900; Mar. 26.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Chemical pulping process. 2,007,024; July 2.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Manufacture of fiber articles. 2,013,841; Sept. 10.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Manufacture of sized papers. 2,018,875; Oct. 29.

- Richter, George A., and M. O. Schur, assignors to Brown Company, Berlin, N. H. Manufacture of impregnated fiber articles or sheets. 2,024,600; Dec. 17.
- Richter, George F., Bogota, assignor to Consolidated Safety Pin Company, Bloomfield, N. J. Cosmetic holder. 2,002,716; May 28.
- Richter, Hans. (See Geffcken, H. Richter, and Möller.)
- Richter, Hans R. (See Geffcken, H. H., and Richter.)
- Richter, Johann. (See Michelsen, F., and Richter.)
- Richter, Johannes, and A. Knabner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Braun oscillograph. 1,993,858; Mar. 12.
- Richter, Max, West Reading, Pa., assignor to Textile Machine Works, Wyomissing, Pa. Automatically variable tensioning device for draw-off reels. 2,004,219; June 11.
- Richter, Olive D. (See Morten, W., Richter, and Torpey.)
- Richter, Robert, assignor to Carl Zeiss, Jena, Germany. Optical system for instruments reproducing sounds with the aid of light. 2,005,240; June 18.
- Richter, Rudolph M., Alhambra, Calif. Wall construction. 2,019,236; Oct. 29.
- Richter, William F., assignor to Chemical Holding Corporation, Apollo, Pa. Production of artificial straw. 1,986,979; Jan. 8.
- Richter-kessing, Frank H. (See Stolp, S. S., and Richter-kessing.)
- Richter-kessing, Frank H., Louisville, Ky. Lamp bracket. 1,985,951; Jan. 1.
- Richter-kessing, Frank H., Louisville, Ky. Remote control circuit changer. 1,997,016; Apr. 9.
- Richter-kessing, Frank H., Louisville, Ky. Trolley frog operating system. 2,009,636; July 30.
- Richter-kessing, Frank H., Louisville, Ky., assignor to Cheatham Electric Switching Device Company. Electrically operated track switch. 1,997,015; Apr. 9.
- Richter-kessing, Frank H., assignor to Nachod & United States Signal Co., Inc., Louisville, Ky. Railway crossing signal. 2,003,264; May 28.
- Richter-kessing, Frank H., assignor to Nachod & United States Signal Co., Inc., Louisville, Ky. Railway signaling system. 2,003,265; May 28.
- Richter-kessing, Frank H., assignor to Nachod & United States Signal Co., Inc., Louisville, Ky. Control for railway signals systems. 2,003,266; May 28.
- Richter-kessing, Frank H., and S. S. Stolp, assignors to Cheatham Electric Switching Device Company, Louisville, Ky. Switch operating circuit with annunciator signals. 2,019,730; Nov. 5.
- Riciputi, Renato, and M. Galuzzi, Copiague, N. Y. Brush kit. 1,991,867; Feb. 19.
- Rick, Edward, and J. Bonnie, Fresno, Calif. Locking means for distributors. 2,005,393; June 18.
- Rick, Karl L., assignor to Joslyn Manufacturing and Supply Company, Chicago, Ill. Bracket. Re19,473; Feb. 19.
- Rickabaugh, Dudley Y., Kelseyville, Calif. Gasoline engine fuel vaporizer. 2,000,498; May 7.
- Rickard, Robert L., and W. D. Collins, Evansville, Ind., assignors to Servel Inc., New York, N. Y. Refrigerator shelf-securing means. 2,021,464; Nov. 19.
- Rickel, Daniel A., Republic, Kans. Hay gathering and baling apparatus. 1,997,120; Apr. 9.
- Ricker, E. Chandler. (See Parkerson, William, assignor.)
- Ricker, Maurice G. (See Carpenter, A. W., and Ricker.)
- Ricker, Norman H., assignor to Hughes Tool Company, Houston, Tex. Operating plunger lift apparatus. 2,001,547; May 14.
- Rickerd, Fred S., et al. (See Rickerd, Hazel C., assignor.)
- Rickerd, Hazel C., Detroit, assignor of one-half to B. M. Kaler and one-fourth to F. S. Rickerd, Detroit, Mich. Container closure. 2,018,033; Oct. 22.
- Rickerl, Charles H., Wood River, Nebr. Liquid pump. 2,018,092; Oct. 22.
- Rickert, Fred C., Springfield, assignor to The Taylor Bramley Company, Inc., Chicopee Falls, Mass. Garment. 2,015,532; Sept. 24.
- Ricketts, Albert J., Louisville, Ky. Combined bed and chair. 2,011,874; Aug. 20.
- Ricketts, Ethelyn B., assignor to The American Rolling Mill Company, Middletown, Ohio. Shipping sheet metal. 1,988,514; Jan. 22.
- Ricketts, Ethelyn B., and A. H. Moon, assignors to The American Rolling Mill Company, Middletown, Ohio. Shipping sheet metal. 1,988,513; Jan. 22.
- Ricks, Fred. (See Gouldbourn, J., and Ricks.)
- Ricks, Fred, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,999,302; Apr. 30.
- Ricks, Fred, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Mechanism for use in applying pressure to shoe bottoms. 2,018,808; Oct. 29.
- Ricks, Fred, and H. E. Elliott, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Lockstitch sewing machine. 2,000,254; May 7.
- Ricks, Fred, H. E. Elliott, and F. C. Choice, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,000,613; May 7.
- Ricks, Fred, and C. T. Jones, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Shoe buffing machine. 2,008,797; July 23.
- Ricks, Fred, and E. Hope, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Abrading tool. 2,025,125; Dec. 24.
- Rickwood, Henry J., assignor to Trojan Limited, Croydon, England. Centrifugal clutch. 2,005,350; June 18.
- Ricordel, Auguste L. (See Le Prieur, Y. P. G., and Ricordel.)
- Ric-Wil Company, The. (See Black, Carl A., assignor.)
- Ric-wil Company, The. (See Gottwald, Christian, assignor.)
- Ric-wil Company, The. (See Gottwald, C., and Hawgood, assignors.)
- Ric-wil Company, The. (See Spackman, Morton L., assignor.)
- Riddell, Frank, Philadelphia, Pa. Combined lighting and ventilating fixture. 2,010,322; Aug. 6.
- Riddell, Fred P., Superior, Wis. Combination door check and catch. 2,023,616; Dec. 10.
- Riddell, John T., Evanston, Ill. Baseball shoe cleat. 2,001,976; May 21.
- Riddell, John T., Chicago, Ill. Making shoe cleats or similar articles. 2,001,977; May 21.
- Riddell, John T., Evanston, Ill. Sole reinforcing plate. 2,002,869; May 28.
- Riddell, John T., Chicago, Ill. Leather forming machine. 2,005,804; June 25.
- Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic timing apparatus. 1,991,119; Feb. 12.
- Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Automatic photographic shutter. 2,005,394; June 18.
- Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Automatic shutter actuator. 2,019,731; Nov. 5.
- Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Automatic film-threading control. 2,024,660; Dec. 17.
- Riddle, Napoleon B., St. Francisville, La. Grater. 2,022,151; Nov. 26.
- Riddlesbarger, Rufus, Chicago, Ill. Pessary. 1,995,818; Mar. 26.
- Riddock, Charles M., Andover, Mass. Making shoes. 2,019,544; Nov. 5.
- Riddock, Charles M., Andover, assignor of one-half to M. H. Hourke, Boston, Mass. Material and making the same. 2,006,687; July 2.
- Riddock, Charles M., Andover, assignor of one-half to M. H. Hourke, Boston, Mass. Sole and heel for boots and shoes. 2,016,178; Oct. 1.
- Riddock, Charles M., Andover, assignor of one-half to M. H. Hourke, Boston, Mass. Shoe heel. 2,023,441; Dec. 10.
- Ridenour, Darce G., Cleveland, Ohio. Artificial lure. 2,013,898; Sept. 10.
- Ridenour, Vernon D., et al. (See Ardrey, Edward G., assignor.)
- Rider, Ernest G. (See Stokes, J. S., and Rider.)
- Rider, Irwin J. (See Pattison, John W., assignor.)
- Rider, Rowland W., assignor to Utah Royalty Corporation, Salt Lake City, Utah. Converting motion. 1,988,571; Jan. 22.
- Rider, Theodore H., Cincinnati, Ohio. Phenyl carbomates of aminopropanediols. 2,004,132; June 11.
- Rider, Theodore H., assignor to The Wm. S. Merrell Company, Cincinnati, Ohio. Ricinoleate medicament for internal use. 2,019,933; Nov. 5.
- Ridge, Guy, Bartow, Fla., assignor to Rice, Trew & Rice Co. Inc., Biglerville, Pa. Liner pack unit. 2,009,564; July 30.
- Ridge Tool Company, The. (See Thewes, William O., assignor.)
- Ridges, Robert P., assignor to Illinois Watch Case Company, Elgin, Ill. Dresser set component. 1,990,957; Feb. 12.
- Ridgway, Carl E., Seattle, Wash. Liner for fruit boxes. 2,005,594; June 18.
- Ridgway, Raymond R., Niagara Falls, N. Y., assignor to Norton Company, Worcester, Mass. Making crystalline alumina and a composition of matter containing the same. 2,003,867; June 4.
- Ridgway, Raymond R., Niagara Falls, N. Y., assignor to Norton Company, Worcester, Mass. Making abrasive metal carbides and an apparatus therefor. 2,005,956; June 25.
- Ridler, Earl S., Shaker Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Regeneration of platinum contact masses. 2,006,222; June 25.
- Ridler, Earl S., Shaker Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Treatment of platinum contact masses. 2,006,223; June 25.
- Ridler, Harry C., G. G. Zingsheim, and E. J. Loring, Minneapolis, Minn. Air conditioning apparatus. 2,012,547; Aug. 27.
- Rieback, Rudolf, Berlin, Germany. Doorlock. 2,012,693; Aug. 27.
- Riebe, John, Bronx, N. Y. Door-stay. 2,000,191; May 7.
- Riebeck'sche, A. Montanwerke Aktiengesellschaft. (See Eberhardt, Otto, assignor.)
- Riebel, Frederick, Jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner agitator. 1,990,710; Feb. 12.
- Riebel, Frederick, Jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner. 2,002,509; May 28.

- Riebel, Frederick, Jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner floor tool. 2,003,312; June 4.
- Riebel, Frederick, Jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner and bag assembly therefor. 2,010,935; Aug. 6.
- Riebel, Frederick, Jr., D. M. Dow, and L. M. Henson, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Surfacers. 2,011,012; Aug. 13.
- Riebel, Frederick, Jr., and D. M. Dow, Toledo, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner current supply mechanism. 2,023,902; Dec. 10.
- Riebel, Frederick, Jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Electric conductor connection. 2,023,903; Dec. 10.
- Rieber, Frank, Berkeley, assignor to Frank Rieber, Inc., San Francisco, Calif. Position indicator. 1,988,020; Jan. 15.
- Rieber, Frank, San Francisco, Calif., assignor, by mesne assignments, to Sound Laboratory Corporation, Ltd. Amplifier control. 2,025,775; Dec. 31.
- Rieber, Frank, Inc. (See Rieber, Frank, assignor.)
- Riedel, Walter W. (See Spruegel, W., and Riedel.)
- Rieg, Charles. (See Cicero, J. B., and Rieg.)
- Riegel Paper Corporation. (See Bidwell, George L., assignor.)
- Rieger, Edward M., W. Paulin, and M. A. Zurn, assignors to J. A. Zurn Manufacturing Company, Erie, Pa. Roof drain. 1,991,772; Feb. 19.
- Rieger, Emil, Aalen, Germany. Plant for conveying liquids. 2,014,127; Sept. 24.
- Rieger, Paul, Frankfurt-on-the-Main-Hochst, Germany, assignor to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,003,790; June 4.
- Riegert, George J., St. Joseph, Mo. Blood collecting machine for serum apparatus. 2,023,149; Dec. 3.
- Riegler, Riewen, Buffalo, assignor to National Aniline & Chemical Co. Inc., New York, N. Y. Vaporizer. 1,988,750; Jan. 22.
- Riegler, Riewen, Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Recovery of vapor phase oxidation products and apparatus therefor. 2,004,586; June 11.
- Riegler, Riewen, Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Dip pan for flaking machines. 2,010,439; Aug. 6.
- Riehlmann, John H., assignor of one-half to H. Kabakoff, Memphis, Tenn. Oil filter. 1,997,746; Apr. 16.
- Riehm, Christian C., Methuen, Mass. Plug structure for Jordan engines. 2,008,228; July 16.
- Riek, Forest O., et al. (See Knapp, Robert T., assignor.)
- Riek, Rudolph A., et al. (See Knapp, Robert T., assignor.)
- Rieke Metal Products Corporation. (See Rieke, Theodore W., assignor.)
- Rieke, Theodore W., assignor to Rieke Metal Products Corporation, Auburn, Ind. Sealing means. 2,011,013; Aug. 13.
- Rielly, Joseph A. (See Manny, R. A., and Rielly.)
- Riely, Briscoe, Towson, Md. Tension device for hand knitting and crocheting. 2,021,946; Nov. 26.
- Riemenschneider, Ernest, assignor to The Midland Steel Products Company, Cleveland, Ohio. Stator ring and making same. 1,999,482; Apr. 30.
- Riemer, Gottfried, and O. Baumgarth, Chicago, Ill. Combined hinge and check. 1,993,625; Mar. 5.
- Rienks, George W. (See McDowell, J. T., Hartburg, Rienks, and Maudru.)
- Rienstra, Albert R., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission line. 2,010,644; Aug. 6.
- Rieper, Gerhard. (See Fischel, E., and Rieper.)
- Ries, Elmer F., Bridgeport, assignor to The Max Woher & Son Company, Cincinnati, Ohio. Hydraulic lift. 1,999,848; Apr. 30.
- Ries, John B. (See Tousley, Charles D., assignor.)
- Riesbol, Henry C., New York, N. Y. Concrete floor form. 1,999,783; Apr. 30.
- Rieser, Oliver O. (See Dillehay, E. R., and Rieser.)
- Rieser, Oliver O., Oak Park, Ill. assignor to The Richardson Company, Lockland, Ohio. Molded product and producing it. 2,007,025; July 2.
- Riesinger, Herbert C., Dayton, assignor, by mesne assignments to Central United National Bank, Cleveland, Ohio. Tamperproof transmission equipment. 2,006,653; July 2.
- Rieske, Otto G., Buffalo, N. Y. Skinning machine. 1,993,899; Mar. 12.
- Riesner, Michael, Cincinnati, Ohio, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Engine. 2,009,745; July 30.
- Riess, Kurt, Wolfen, near Bitterfeld, and O. Liebchen, Dessau, in Anhalt, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sound film equipment. 2,023,770; Dec. 10.
- Riess, Kurt, Wolfen, Kreis, Bitterfeld, A. Knodel, Dessau in Anhalt, and R. Klaus, Wolfen, Kreis, Bitterfeld, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Cutting webs of paper. 2,017,184; Oct. 15.
- Riess, Kurt, Wolfen, Kreis, Bitterfeld, O. Liebchen, and W. Schultz, Dessau-in-Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Recording and reproduction apparatus for mechanical sound records. 2,025,900; Dec. 31.
- Riesz, Robert R., Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Artificial larynx. 2,024,601; Dec. 17.
- Rigandi, Joseph R. (See Rigante, Giuseppe.)
- Rigandi, Joseph R., Staten Island, N. Y. Tool handle fastening. 2,021,490; Nov. 19.
- Rigante, Giuseppe, Westerleigh, N. Y., now by judicial change of name J. R. Rigandi. Induction coil. 1,996,729; Apr. 2.
- Rigby, Frederick P., Sheffield, England. Manufacture of revolving wire, fibre or bristle brushes. 2,011,324; Aug. 13.
- Rigby, George W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative and making the same. 2,025,073; Dec. 24.
- Riggs, Alger S., New York, N. Y., assignor, by mesne assignments, to Electrons, Inc. Preparation of composite substances. 2,003,609; June 4.
- Riggs, Fred W., San Jose, Calif., assignor to D. Parker and Citizens National Trust and Savings Bank of Riverside, administrators of George D. Parker, deceased. Box making apparatus. 2,014,452; Sept. 17.
- Riggs, Herbert E., Akron, and E. D. George, Cuyahoga Falls, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Device for manipulating tube stock. 2,017,806; Oct. 15.
- Riggs, Leland W., Schenectady, N. Y., assignor to General Electric Company. Motor control system. 1,995,157; Mar. 19.
- Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Automobile doorlatch. 1,991,120; Feb. 12.
- Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Vehicle doorlatch. 2,010,702; Aug. 6.
- Rigney, William, Irvington, N. J. Clean-out cover. 1,999,704; Apr. 30.
- Rihl, Wilhelm, Berlin-Eichkamp, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Submarine communication cable. 1,993,526; Mar. 5.
- Rike, Frederick F., assignor to Buckeye Iron and Brass Works, Dayton, Ohio. Fill pipe cap. 2,018,534; Oct. 22.
- Riley, Edith, administratrix. (See Riley, Henry.)
- Riley, Edward J., assignor to Smith Separator Corporation, Tulsa, Okla. Apparatus for cooling or heating oil or the like. 1,994,730; Mar. 19.
- Riley, Edward J., assignor to Smith Separator Corporation, Tulsa, Okla. Oil and gas separator. 2,001,851; May 21.
- Riley Engineering & Supply Co. Ltd. (See Allin, Matthew C., assignor.)
- Riley, Harry L., South Kensington, London, England, assignor to Imperial Chemical Industries Limited. Production of glyoxals. 1,999,576; Apr. 30.
- Riley, Henry, deceased, Kearny, N. J.; E. Riley, administratrix. Preserved and dried yeast. 1,991,629; Feb. 19.
- Riley, Henry, deceased, Kearny, N. J., by Edith M. Riley, administratrix, Kearny, N. J. Yeast. 2,016,791; Oct. 8.
- Riley, Herbert E., New York, N. Y. Money collector for automatic refrigerators, etc. 2,015,411; Sept. 24.
- Riley, Joseph F., assignor to Howard Radio Company, Chicago, Ill. Band-spreading tuning device. 2,023,935; Dec. 10.
- Riley, Lester S., Reading, Mass. Mounting corner. 1,999,423; Apr. 30.
- Riley, Lynn G., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 1,987,709; Jan. 15.
- Riley, Lynn G., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 1,991,229; Feb. 12.
- Riley, Michael J., Cleveland, assignor to The National Machinery Company, Tiffin, Ohio. Bolt machine. 2,020,657; Nov. 12.
- Riley, Percy, Coventry, England. Suspension means for motor-vehicles. 1,991,911; Feb. 19.
- Riley, Percy, Coventry, England. Change speed mechanism. 2,006,250; June 25.
- Riley, Reginald H. J. (See Kinsella, E., and Riley.)
- Riley, Reginald H. J. (See Lowe, W. G., and Riley.)
- Riley, Reginald H. J., Spondon, near Derby, and T. C. Barnett, Breadsall, near Derby, England, assignors to Celanese Corporation of America. Production of artificial textile materials. 2,016,391; Oct. 8.
- Riley Stoker Corporation. (See Andrews, L. V., assignor.)
- Riley Stoker Corporation. (See Armour, James W., assignor.)
- Riley Stoker Corporation. (See Blodgett, Albert G., assignor.)
- Riley Stoker Corporation. (See Daniels, Fred H., assignor.)
- Riley Stoker Corporation. (See Kuhner, Max H., assignor.)
- Riley Stoker Corporation. (See Norton, James P., assignor.)
- Riley Stoker Corporation. (See Rehm, Gustav A., assignor.)
- Riley Stoker Corporation. (See Rich, C. H., and Nahigyan, assignors.)
- Riley Stoker Corporation. (See Taylor, Irving A., assignor.)

- Riley, Walter A., New York, N. Y. Flexible bath brush. 2,014,293; Sept. 10.
- Rilling, Harry L. (See Lynch, T. L., Rilling, and Redfield.)
- Rimailho, Emile, Paris, France. Vehicle of any type, and more particularly in railway carriages. 2,009,276; July 23.
- Rimailho, Emile, Paris, France. Securing and tensioning resilient spokes for wheels provided with a suspended hub. 2,022,217; Nov. 26.
- Rinderknecht, August, Esslingen-on-the-Neckar, Germany. Examining gear wheels. 2,014,668; Sept. 17.
- Riney, Arthur H., assignor to Phillips Petroleum Company, Bartlesville, Okla. Protector for plain end pipes. 2,013,254; Sept. 3.
- Riney, Arthur H., and L. T. Gibbs, Bartlesville, Okla., assignor of one-half to Phillips Petroleum Company, Bartlesville, Okla., and one-half to Ford, Bacon and Davis, Inc., New York, N. Y. Pipe line. 2,012,351; Aug. 27.
- Rinfret, Ernest, Montreal, Quebec, Canada. Grate. 2,010,527; Aug. 6.
- Ring, Carl, Olney, Ill. Hydrocycle. 1,986,750; Jan. 1.
- Ring, Douglas H., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Volume control circuits. 2,025,400; Dec. 24.
- Ring, Joseph P., Wilmington, Mass. Burner. 2,018,899; Oct. 29.
- Ring, William A. (See Laddon, I. M., Ring, and Herman.)
- Ringel, Abraham S., Merchantville, N. J., assignor to Radio Corporation of America. Sound translating device. 1,986,856; Jan. 8.
- Ringel, Abraham S., Brooklyn, N. Y., assignor to Radio Corporation of America. Acoustic device. 2,007,746; July 9.
- Ringel, Abraham, Merchantville, N. J., assignor to Radio Corporation of America. Acoustic apparatus. 2,007,747; July 9.
- Ringius, Carlos L., Buenos Aires, Argentina. Cylinder pump for wind mills. 2,023,771; Dec. 10.
- Ringler, William A., Wayne, Pa. Container for tubes and bulbs. 1,988,631; Jan. 22.
- Ringler, William A., Wayne, Pa. Shipping and display container. 2,023,242; Dec. 3.
- Ringquist, Clarence L., assignor to The Trane Company, LaCrosse, Wis. Air conditioning system. 2,021,090; Nov. 12.
- Ringquist, Otto W., assignor to Iver Johnson's Arms & Cycle Works, Fitchburg, Mass. Adjustable sight for firearms. 2,024,779; Dec. 17.
- Rinia, Herre, and H. J. M. van Embden, Eindhoven, Netherlands, assignors to Radio Corporation of America. Electric gas filled discharge tube. 2,003,468; June 4.
- Rintelman, William L. (See Gubelmann, I., and Rintelman.)
- Riordan, Howard C., Chicago, Ill. Nasal pack. 2,007,503; July 9.
- Riopelle, Harry F., Ecorse, Mich. Toy. 2,009,858; July 30.
- Ripley, George A., Dallas, Tex. Shirt collar. 1,994,787; Mar. 19.
- Ripley, George A., Dallas, Tex. Shirt collar. 1,994,788; Mar. 19.
- Ripner, Jacob J., Cleveland Heights, Ohio. Refining aluminum. 2,008,188; July 16.
- Rippe, John R., Fresno, Calif. Valve. 2,013,424; Sept. 3.
- Rippe, John R., Fresno, Calif. Switch. 2,019,058; Oct. 29.
- Rippe, John R., Fresno, Calif. Exhaust gas silencing and cooling device for engines. 2,024,834; Dec. 17.
- Rippel, Herbert C., assignor to Republic Steel Corporation, Youngstown, Ohio. Flash remover. 2,025,421; Dec. 24.
- Rippen, Nicholas, New York, N. Y. Fastening means for sheathing. 1,986,014; Jan. 1.
- Rippen, Nicholas, New York, N. Y. Display container. 2,019,995; Nov. 5.
- Rippon, Francis F. C., New York, N. Y. Game. 2,008,189; July 16.
- Ripsch, Charles W. (See Price, W. W., and Ripsch.)
- Risch, Frank M., University City, Mo. Combined washing machine and extractor. 1,997,747; Apr. 16.
- Riseam, William, assignor of one-half to J. H. Haiste, Hull, England. Propulsion of boats. 2,003,904; June 4.
- Rishel, Harry A., Ambler, Pa. Connector or coupling. 1,986,447; Jan. 1.
- Risinger, Frank V., Lakewood, Ohio. Hydrocarbon fuel burning system. 1,988,334; Jan. 15.
- Risser, Arthur I. (See Gaynor, J. J., and Risser.)
- Risser, Roy H., assignor to H. F. Huster Company, Hazleton, Pa. Pole gripper for ladders. 1,994,369; Mar. 12.
- Riszdorfer, Odón, Budapest, Hungary. Apparatus for automatically determining the exposure in photographic apparatus. 2,000,037; May 7.
- Riszdorfer, Odón, Budapest, Hungary. Automatic diaphragm. 2,013,362; Sept. 3.
- Riszdorfer, Odón, Budapest, Hungary. Photographic apparatus. 2,013,363; Sept. 3.
- Riszdorfer, Odón, Budapest, Hungary. Apparatus for controlling photographic exposures. 2,024,661; Dec. 17.
- Ritch, Nell, San Antonio, Tex. Card table attachment. 1,995,943; Mar. 26.
- Ritchie, Albert B., assignor to The Wildroot Company, Inc., Buffalo, N. Y. Device for displaying containers. 2,023,150; Dec. 3.
- Ritchie, Charles F. (See Burke, W. E., Allen, Gale, Ritchie and Peet.)
- Ritchie, Charles L., Paterson, assignor to Wiley W. McMinn, Orange, N. J. Hollow shaft. 2,008,423; July 16.
- Ritchie, John R., Minneapolis, Minn. Side blade attachment for trucks. 2,011,777; Aug. 20.
- Ritchie, John R., Minneapolis, Minn. Roller for oil mix roads. 2,024,184; Dec. 17.
- Ritchie, Thomas, Oskaloosa, Iowa. Spark arrester. 2,011,200; Aug. 13.
- Ritchie, W. C., and Company. (See Stock, Julius A., assignor.)
- Ritscher, Anna E., Glen Ridge, N. J. Cooking and steaming utensil. 2,021,465; Nov. 19.
- Ritscher, Friedrich A., assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co., Dresden, Germany. Device for introducing cigarettes or similar articles into pocket-like packages. 2,002,616; May 28.
- Rittenhouse, Alvah, assignor to Philadelphia Storage Battery Company, Philadelphia, Pa. Coil winding machine. 1,995,227; Mar. 19.
- Ritter, Charles P. (See Hoge, Daniel W., assignor.)
- Ritter, Herbert F., Bogota, N. J. Coillable metal measuring tape. 2,011,081; Aug. 13.
- Ritter, John H., Charleroi, Pa. Apparatus for handling glass batches. 1,992,444; Feb. 26.
- Ritter, John J., Yonkers, N. Y. Producing synthetic camphor. 1,987,750; Jan. 15.
- Ritter, John J., assignor to The W. B. Marvin Manufacturing Company, Urbana, Ohio. Package opening device. 1,989,945; Feb. 5.
- Ritter, Julius, Jr., assignor to Hartmann Trunk Company, Racine, Wis. Housing support. 1,987,078; Jan. 8.
- Ritter, Julius, Jr., assignor to Hartmann Trunk Company, Racine, Wis. Wardrobe suitcase. 2,001,156; May 14.
- Ritter, Julius, Jr., assignor to Hartmann Trunk Company, Racine, Wis. Closure guide. 2,001,157; May 14.
- Ritter, Julius, Jr., assignor to Hartmann Trunk Company, Racine, Wis. Garment carrying unit. 2,016,966; Oct. 1.
- Ritter, Richard M., Elkins Park, Pa. Composition for mothproofing. 2,015,533; Sept. 24.
- Ritter, Saul, Far Rockaway, N. Y., assignor to Bruner-Ritter, Inc. Connector for wrist watch straps. 2,012,054; Aug. 20.
- Ritterhoff, Harry, H. Cessna, and F. E. Reinhold, assignors of one-fourth to A. J. Calhoun, Los Angeles, Calif. Thermo-electrical heating element. 1,992,635; Feb. 26.
- Rittershausen, Fritz, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Armor plate. 1,987,841; Jan. 15.
- Ritthamel, John J., Chicago, Ill. Oil burner. 2,015,909; Oct. 1.
- Rittinger, Edward A., et al. (See Coble, John B., assignor.)
- Rittinger, Fred J., et al. (See Coble, John B., assignor.)
- Rittmeister, Wilhelm, Dessau, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Manufacture of dithiocarbamates. 2,022,979; Dec. 3.
- Ritz, Emil, Jr., Mount Healthy, assignor to The Hisey-Wolf Machine Company, Cincinnati, Ohio. Grinding machine. 2,003,495; June 4.
- Ritz, Steve. (See Shoskey, J., and Ritz.)
- Ritz-Woller, Oliver C. (See Narodick, Nathaniel, assignor.)
- Ritz Woller, Oliver C., Chicago, Ill. Needle valve mechanism. 1,991,875; Feb. 19.
- Ritz-Woller, Oliver C., Chicago, Ill. Windshield wiper. 1,994,738; Mar. 19.
- Ritz-Woller, Oliver C., Chicago, Ill. Gasoline tank closure means. 2,006,747; July 2.
- Ritz-Woller, Oliver C., Chicago, Ill. Tank closure means. 2,006,748; July 2.
- Ritz-Woller, Oliver C., Chicago, Ill. Reflector. 2,023,442; Dec. 10.
- Ritz-Woller, Oliver C., Chicago, Ill. Make-up mirror device. 2,026,009; Dec. 31.
- Ritz-Woller, Oliver C., Chicago, Ill. Make-up mirror device. 2,026,010; Dec. 31.
- Ritzel, Willis J., Pasadena, Calif. Package and wrapping. 1,993,487; Mar. 5.
- Ritzerfeld, Wilhelm, Berlin, Germany. Manifolding machine. 1,990,349; Feb. 5.
- Ritzerfeld, Wilhelm, Berlin, Germany. Duplicating machine. 1,996,709; Apr. 2.
- Ritzerfeld, Wilhelm, Berlin, Germany. Duplicating apparatus. 2,003,469; June 4.
- Ritzerfeld, Wilhelm, Berlin, Germany. Duplicating apparatus. 2,012,619; Aug. 27.
- Ritzert, Robert W., assignor to Rolin Manufacturing Company, Dayton, Ohio. Writing implement. 2,005,110; June 18.
- Rival Manufacturing Company. (See Majewski, Joseph M., Jr., assignor.)
- Rivard, Lawrence B., Dearborn, Mich. Independent vehicle wheel suspension. 2,000,255; May 7.
- River Raisin Paper Company. (See Reaume, Lawrence W., assignor.)
- Rivers, Henry J. (See Cole, A. M., and Rivers.)
- Riverside Cement Company. (See Starke, Howard R., assignor.)
- Rivier, Louis, Jouxten, Switzerland. Lighting device. 1,995,012; Mar. 19.
- Rix, Edward G. (See Anderson, J. R., and Rix.)

- Rix, Edward G., assignor to The International Check Endorser Co., Chicago, Ill. Type cylinder printing device. 2,001,890; May 21.
- Rix, Edward G., and W. H. Lyman, assignors to The International Check Endorser Co., Chicago, Ill. Conveying and delivering mechanism. 1,993,807; Mar. 12.
- Rix, Milton H., Three Rivers, Mich., assignor to Fairbanks, Morse & Company, Chicago, Ill. Connecting tubular members. 2,005,205; June 18.
- Rixen, Carl J., Copenhagen, Denmark, assignor to H. Tevis, London, England. Photographic camera. 1,991,578; Feb. 19.
- Roach Appleton Manufacturing Company. (See Mariani, Morris, assignor.)
- Roach, Earl R., Springville, Ind. Convection current motor. 2,020,518; Nov. 12.
- Roach, Edmund J., assignor to Beaumont Iron Works Company, Beaumont, Tex. Tubing head. 2,017,219; Oct. 15.
- Roach, Hal E., et al. (See Tolhurst, Louis H., assignor.)
- Road Supply Co. (See Church, Omer F., assignor.)
- Roadstrum, Victor N. (See Davis, George A., assignor.)
- Roan, Carl M., assignor to Beacon Safety Signal Co., Minneapolis, Minn. Direction turn indicator for vehicles. 2,006,654; July 2.
- Robart, Braxton L., and E. P. Buell, Jackson, Mich., assignors to The Robuelli Company. Reducing valve. 2,002,717; May 28.
- Robb, Frank M., Belleville, Ontario, Canada. Wave organ. 1,986,531; Jan. 1.
- Robb, Frederick G. (See Green, E., and Robb.)
- Robb, John F., Cleveland Heights, Ohio, assignor to Koehring Company, Milwaukee, Wis. Concrete laying machine. 2,011,417; Aug. 13.
- Robb, John F., Cleveland Heights, Ohio, assignor to The Highway Trailer Company, Edgerton, Wis. Trailer. 2,020,161; Nov. 5.
- Robb, Joseph E., Topeka, Kans., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 1,988,809; Jan. 22.
- Robbins, Azor D., Highland Park, N. J., assignor to International Motor Company, New York, N. Y. Multi-speed transmission. 2,010,161; Aug. 6.
- Robbins, Azor D., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Actuating means for friction disks. 2,015,729; Oct. 1.
- Robbins, Beulah M., Washington, D. C. Combined toy balloon and souvenir. 2,025,475; Dec. 24.
- Robbins, Charles F., et al. (See Short, Henry M., assignor.)
- Robbins, Charles F., assignor to Markem Machine Company, Keene, N. H. Marking machine. 2,006,302; June 25.
- Robbins, Charles F., Glenora, N. Y. Carburetor. 2,017,919; Oct. 22.
- Robbins, Charles W., Chicago, Ill. Advertising projecting machine. 1,987,710; Jan. 15.
- Robbins, Donald T. (See Carver, R. L., and Robbins.)
- Robbins, George D. (See Hyatt, L., and Robbins.)
- Robbins, Gilbert L., et al. (See Behm, Albert W., assignor.)
- Robbins, Henry H., Muncie, Ind., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Freewheeling mechanism. 2,022,480; Nov. 26.
- Robbins, Jesse J., Hollywood, Calif., assignor to Stylofede Corporation. Flush clip and monogram plate. 2,010,466; Aug. 6.
- Robbins, Maurice, Newtonville, Mass. Collar and stay therefor. 2,014,952; Sept. 17.
- Robbins & Myers Inc. (See Haddy, Joseph S., assignor.)
- Robbins & Myers, Inc. (See Sharpe, V. W., and Castor, assignors.)
- Robbins, Philip H., New York, N. Y. Combination garment. 2,015,157; Sept. 24.
- Robbins, Philip H., assignor to Poirette Corsets, Inc., New York, N. Y. Undergarment for women's wear. 2,016,516; Oct. 8.
- Robbins, Robert D., Norfolk, Va. Strike. 2,011,910; Aug. 20.
- Robbins, Walter C., Brookline, assignor to Thermo Hydraulic Shock Absorber Company, Cambridge, Mass. Fluid type shock absorber. 2,025,423; Dec. 24.
- Robbins, William H., Springfield, assignor to The Williams Company, London, Ohio. Polishing device. 1,988,335; Jan. 15.
- Robbeck, Hermann, Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Berlin-Siemensstadt, Germany. Image transmission apparatus. 2,026,100; Dec. 31.
- Rober, Anton, Milwaukee, Wis. Heater. 2,018,535; Oct. 22.
- Röber, Constantin F., assignor to "Universelle" Cigarettenmaschinen-Fabrik, J. C. Müller & Co., Dresden, Germany. Apparatus for applying a cigar wrapper to a bunch. 2,006,113; June 25.
- Röber, Ewald, Dusseldorf-Kaiserswerth, Germany. Push bench for drawing tubes. 2,024,185; Dec. 17.
- Röber, Ewald, Dusseldorf-Kaiserswerth, Germany. Metal drawing bench. 2,024,186; Dec. 17.
- Robertel, Gabriel, Vincennes, France. Making nails. 2,014,746; Sept. 17.
- Robert, Guy O., Paris, France. Compensated compass, especially for aerial vehicles. 2,020,905; Nov. 12.
- Robertson, James S. P. (See Grace, B. B., and Robertson.)
- Roberts, Arthur, administrator, et al. (See Roberts, Arthur A., deceased, London; A. Roberts, Wanstead, and C. W. Smith, Maida Vale, England, administrators. Manufacturing fuel briquettes. 2,025,776; Dec. 31.)
- Roberts, Arthur A., deceased, London; A. Roberts, Wanstead, and C. W. Smith, Maida Vale, England, administrators. Making fuel briquettes. 2,025,777; Dec. 31.
- Roberts, Aubrey T., and J. H. Paterson, Walthamstow, London, England, assignors to American Murex Corporation, New York, N. Y. Welding rod. 2,009,240; July 23.
- Roberts, Benjamin H., Walpole, and E. L. Chamberlain, Norwood, assignors, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Corner and building construction. 2,013,317; Sept. 3.
- Roberts Brass Manufacturing Company. (See Roberts, Thomas H., assignor.)
- Roberts, Charles W., Los Angeles, Calif. Building block and wall construction. 2,012,024; Aug. 20.
- Roberts, Claudius H. M., Long Beach, Calif., assignor to Tretolite Company, Webster Grove, Mo. Breaking petroleum emulsions. 2,000,717; May 7.
- Roberts, Claudius H. M., San Marino, Calif., assignor to Tretolite Company, Webster Grove, Mo. Breaking petroleum emulsions. 2,023,976; Dec. 10.
- Roberts, Clifford, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 1,998,059; Apr. 16.
- Roberts, Cushman & Company. (See Roberts, Edward, Jr., assignor.)
- Roberts, David, West Elizabeth, Pa. Sash fastener. 2,018,281; Oct. 22.
- Roberts, E. (See Tucker, Gordon, assignor.)
- Roberts, Edward, Jr., Hoboken, N. J., assignor to Roberts, Cushman & Company, New York, N. Y. Type holder and block for the same. 1,990,958; Feb. 12.
- Roberts, Edward, Jr., Hoboken, N. J., assignor to Roberts, Cushman & Company, New York, N. Y. Printing, stamping, and embossing machine. 2,011,949; Aug. 20.
- Roberts, Edward N. (See Beard, R. E., and Roberts.)
- Roberts, Elmer, Montclair, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Interior plaster wall. 1,998,907; Apr. 23.
- Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Centrifugal basket construction. 1,992,964; Mar. 5.
- Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Transmission clutch. 2,002,478; May 21.
- Roberts, Fred T., Ridgewood, N. J., assignor to Frank A. Daly, Pawtucket, R. I., trustee. Method of and apparatus for making rubber tubes. 2,014,669; Sept. 17.
- Roberts, Fred T., Ridgewood, N. J., assignor to F. A. Daly, Pawtucket, R. I., as trustee. Apparatus for making hollow rubber articles. 2,019,361; Oct. 29.
- Roberts, G. G., Corporation. (See Ekhardt, Edward T., assignor.)
- Roberts, George I. (See Dirkes, R. F., and Roberts.)
- Roberts, George I. (See Hewitt, E. W., and Roberts.)
- Roberts, George X., et al. (See Colton, Rosta E., assignor.)
- Roberts, Harold P., Nitro, W. Va., assignor, by mesne assignments, to H. S. Kreighbaum, Akron, Ohio. Making phosphorus oxychloride. 2,002,277; May 21.
- Roberts, Herbert, Chicago, Ill., assignor of one-half to M. Wiseman, Pittsburgh, Pa. Refrigerator truck cooling apparatus. 2,007,836; July 9.
- Roberts, Horace L., Mount Vernon, N. Y. Machine for wrapping fruits, etc. 2,009,241; July 23.
- Roberts, James H., Zanesville, and C. V. Achauer, Philo, Ohio, assignors to Hazel Atlas Glass Company, Wheeling, W. Va. Sheet folding machine. 1,986,857; Jan. 8.
- Roberts, Jess M. (See Park, Robert N., assignor.)
- Roberts, John A., New York, N. Y. Siphon and theft proof gas tank cover. 1,994,421; Mar. 12.
- Roberts, Joseph H., Waterbury, assignor to The F. B. Shuster Company, New Haven, Conn. Machine for fabricating long stock at successive linear portions. 2,007,345; July 9.
- Roberts, Joseph K., Hammond, and G. W. Watts, assignors to Standard Oil Company, Whiting, Ind. Stabilization of gasoline. 2,013,992; Sept. 10.
- Roberts, Joseph L., Jamaica, N. Y., assignor of one-half to H. J. McCarthy, Baltimore, Md. Acetylene burning iron. 2,004,832; June 11.
- Roberts, Lewis D., York, Pa. Can opener. 1,993,683; Mar. 5.
- Roberts & Mander Stove Company. (See Antrim, William D., assignor.)
- Roberts, Margaret. (See Skoverski, John R., assignor.)
- Roberts, Montague H., Englewood, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Locomotive throttle valve controlling mechanism. 2,010,645; Aug. 6.
- Roberts, Montague H., Englewood, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Locomotive booster motor. 2,025,126; Dec. 24.
- Roberts Numbering Machine Company. (See Matt, George J., assignor.)
- Roberts, Raleigh R., Redlands, Calif. Automatic bookmarker. 2,005,559; June 18.
- Roberts, Reginald, London, England. Lock, latch, and fastener. 1,998,288; Apr. 16.
- Roberts, Robert G., Kansas City, Mo., assignor to The Barrett Company, New York, N. Y. Spreader for applying coating material to pipes. 2,007,004; July 2.

- Roberts, Robert G., Kansas City, Mo., assignor to The Barrett Company, New York, N. Y. Protection of pipe joints. 2,024,602; Dec. 17.
- Roberts, Robert P. (See Hibbert, H. M., and Roberts.)
- Roberts, Robert P. (See Payne, R. W., and Roberts.)
- Roberts, Robert T., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Leaded brass and making it. 1,987,639; Jan. 15.
- Roberts, Samuel S., Pittsburgh, Pa. Lubrication system. 2,005,166; June 18.
- Roberts and Schaefer Company. (See Dietrich, Werner, assignor.)
- Roberts, Seward M., Orange, N. J. Control device such as switches and the like. 1,998,639; Apr. 23.
- Roberts, Thomas H., assignor to Roberts Brass Manufacturing Company, Detroit, Mich. Pilot regulating cock. 2,018,034; Oct. 22.
- Roberts, W. T. B., Leicester, England, assignor to United States Machinery Corporation, Paterson, N. J. Tack supplying device. 2,003,391; June 4.
- Roberts, Walter C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Battery container. 2,022,090; Nov. 26.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Screen grid circuit. 1,985,952; Jan. 1.
- Roberts, Walter Van B. (See Barden, W. S., and Roberts.)
- Roberts, Walter van B., Princeton, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Locomotive booster motor. 1,987,975; Jan. 15.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Power supply circuit. 1,987,976; Jan. 15.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Combined volume and tone control. 1,993,859; Mar. 12.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Automatic audio amplifier control. 1,993,860; Mar. 12.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Combined automatic volume and tone control. 1,993,861; Mar. 12.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Autodyne circuit. 1,997,393; Apr. 9.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Directional aerial. 1,999,258; Apr. 30.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Superregenerative circuits. 2,008,261; July 16.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Radio frequency transmission line. 2,018,320; Oct. 22.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Band pass circuit. 2,020,377; Nov. 12.
- Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 1,993,117; Mar. 5.
- Robertshaw, Clarence W. (See Newell, R. E., Robertshaw, and Mackintosh.)
- Robertshaw, George A., Greensburg, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Valve. 2,002,550; May 28.
- Robertshaw Thermostat Company et al. (See Moody, Virginius W., assignor.)
- Robertshaw Thermostat Company. (See Newell, Robert E., assignor.)
- Robertshaw Thermostat Company. (See Newell, R. E., and Drylie, assignors.)
- Robertshaw Thermostat Company. (See Newell, R. E., Robertshaw, and Mackintosh, assignors.)
- Robertshaw Thermostat Company. (See Robertshaw, George A., assignor.)
- Robertshaw Thermostat Company. (See Unger, M. S., and Robertshaw, assignors.)
- Robertson, Andrew, Fairview, Ferryhill, Aberdeen, assignor to Robertson's Rope (Patents) Limited, Aberdeen, Scotland. Rope. 2,018,230; Oct. 22.
- Robertson, Arthur E. (See Dunham, L. S., and Robertson.)
- Robertson, Charles J., assignor to Evans Stamping and Plating Company, Taunton, Mass. Brake mechanism for reversing mechanism. 1,989,946; Feb. 5.
- Robertson, Donald D., assignor to Bell Telephone Laboratories, Inc., New York, N. Y. Vacuum tube circuit. 1,994,486; Mar. 19.
- Robertson, Frank, Jonesboro, Tenn. High explosive shell. 2,007,026; July 2.
- Robertson, H. H., Company. (See Black, George E., assignor.)
- Robertson, H. H., Company. (See Blommers, Pierre, assignor.)
- Robertson, H. H., Company. (See Sargent, Edward B., assignor.)
- Robertson, H. H., Company. (See Young, James, H., assignor.)
- Robertson, Harold W., Coraopolis, Pa., assignor to Carbide and Carbon Chemical Corporation. Making films and the like and products thereby made. 2,010,963; Aug. 13.
- Robertson, Isaac W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Making oscillating joints. 2,008,772; July 23.
- Robertson, James E. (See De Bolt, M. T., and Robertson.)
- Robertson, James, and G. H. Purdy, San Francisco, Calif. Liquid cooler. 2,001,923; May 21.
- Robertson, John. (See Robertson, John H. and John, Gutteridge, and Howard.)
- Robertson, John, Co. (See Jacobson, Conrad C., assignor.)
- Robertson, John H. and J. Jr., L. Gutteridge, and L. H. Howard, London, England. Variable speed friction gearing. 1,990,614; Feb. 12.
- Robertson, Oliver T., Terrace Park, Ohio. Smoking pipe. 2,003,156; May 28.
- Robertson, William H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,993,626; Mar. 5.
- Robertson, William H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,008,877; July 23.
- Robertson, William H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,020,574; Nov. 12.
- Robertson, William J., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Edging apparatus. 1,997,394; Apr. 9.
- Robertson, William W., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom and weaving. 2,020,434; Nov. 12.
- Robertson, William W., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Method of and apparatus for weaving tufted fabrics. 2,021,431; Nov. 19.
- Robertson, William W., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle changing loom. 2,025,901; Dec. 31.
- Robertson's Rope (Patents) Limited. (See Robertson, Andrew, assignor.)
- Robeson-Rochester Corporation. (See Fisher, A. F., and Schott, assignors.)
- Robey, Orsel E., East Lansing, assignor to Michigan State Board of Agriculture, Lansing, Mich. Irrigation apparatus. 1,989,427; Jan. 29.
- Robichaux, Sosthene. (See Barrett, G. J., and Robichaux.)
- Robie, Richard S. (See Hasselbaum, Oscar, assignor.)
- Robin, Leo, Brussels, and M. Van Roggen, Sprimont, Belgium. Hydraulic change speed mechanism. 2,017,375; Oct. 15.
- Robinovitz, Jack, assignor to Filtro Faucet Manufacturing Co., Chicago, Ill. Mixing faucet. 2,019,319; Oct. 29.
- Robins Conveying Belt Company. (See Theobald, Harry J., assignor.)
- Robins Dry Dock and Repair Co. (See Haynes, George P., assignor.)
- Robins, Fred S., Long Beach, Calif. Expansible bearing pin. 1,997,309; Apr. 9.
- Robinson, Albert E. (See Hoelscher, W. G., Hieber, and Robinson.)
- Robinson, Albert E. (See Hoelscher, W. G., and Robinson.)
- Robinson, Albert P., Seattle, Wash. Ventilating means for automobiles. 2,011,301; Aug. 13.
- Robinson, Albert P., Seattle, Wash. Wind wing. 2,017,324; Oct. 15.
- Robinson, Albert P., Seattle, Wash. Vehicle ventilating means. 2,023,639; Dec. 10.
- Robinson, Alvin W., Ocean Beach, Calif. Demountable wheel. 2,018,190; Oct. 22.
- Robinson, Carl L., Chicago, Ill. Game practice means. 2,005,241; June 18.
- Robinson, Charles, Trent Works, Burton-on-Trent, England. Heat exchange apparatus. 1,989,772; Feb. 5.
- Robinson, Charles E., Georges Mills, N. H. Onion set harvester. 2,018,575; Oct. 22.
- Robinson, Charles J., Claremont, assignor to L. Blake-Smith, San Francisco, Calif. Breaking emulsions. 1,987,870; Jan. 15.
- Robinson, Claude A., M. R. Price, and W. S. Trader, assignors to G. M. Soule, trustee, Cleveland, Ohio. System of wall construction. 1,998,688; Apr. 23.
- Robinson, Ernest Y., Enfield, England, assignor to Associated Electrical Industries Limited. Vacuum electric tube device. 1,987,711; Jan. 15.
- Robinson, Francis E., Colchester, England, assignor to Radio Corporation of America. Inductance coil and manufacture thereof. 1,994,534; Mar. 19.
- Robinson, Frank, and C. I. Betts, Maidstone, England. Carpet sweeper. 1,995,944; Mar. 26.
- Robinson, Frieda, Cleveland, Ohio. Mattress. 1,986,896; Jan. 8.
- Robinson, H. H., et al. (See Gibbs, Charles H., assignor.)
- Robinson, Harold C., Salem, N. H. Loom shuttle control. 1,989,154; Jan. 29.
- Robinson, Harold C., and L. Johnston, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Merchandise control system. 2,018,420; Oct. 22.
- Robinson, Harold H., assignor to Curtiss Aerocar Company, Inc., Opalocka, Fla. Guard system for tractor-trailer combinations. 2,002,832; May 28.
- Robinson, Harold H., assignor to Curtiss Aerocar Company, Inc., Opalocka, Fla. Alarm system for tractor-trailer combinations. 2,002,833; May 28.
- Robinson, Harold H., assignor to Curtiss Aerocar Company, Inc., Coral Gables, Fla. Pneumatic support for vehicle frames and the like. 2,006,409; July 2.
- Robinson, Harold H., assignor to Curtiss Aerocar Company, Inc., Opa Locka, Fla. Trailer body construction. 2,010,323; Aug. 6.

- Robinson, Harry G., Waterbury, assignor, by mesne assignments, to American Chain Company, Incorporated, Bridgeport, Conn. Abrasive cut-off machine. 2,009,859; July 30.
- Robinson, Henry H., assignor to Robinson Orifice Fitting Company, Los Angeles, Calif. Orifice meter fitting. 2,011,082; Aug. 13.
- Robinson, Howard C., Pine City, Minn. Load equalizer for pumps. 1,994,592; Mar. 19.
- Robinson, Howard C., Pine City, Minn. Load equalizer. 2,021,639; Nov. 19.
- Robinson, Hugh A., Sr., assignor to Curtiss Aerocar Company, Inc., Coral Gables, Fla. Seat construction for automotive vehicles. 2,009,016; July 23.
- Robinson, Hugh A., Sr., assignor to Curtiss Aerocar Company, Inc., Coral Gables, Fla. Tank trailer. 2,011,161; Aug. 13.
- Robinson Jack D., Buchanan, Mich., and W. F. Hester, Drexel Hill, Pa., assignor, by mesne assignments, to Röhm & Haas Company, Philadelphia, Pa. Condensation product of diisobutylene and polyhydric phenols. 2,008,337; July 16.
- Robinson, James, West Bridgford, Nottingham, England. Apparatus for smoking or curing foodstuffs. 2,013,479; Sept. 3.
- Robinson, Jay F., Pittsburgh, J. M. Chilcote, Wellsboro, and W. H. Haupt, Tioga, Pa. Cementing apparatus for oil and gas wells. 2,024,662; Dec. 17.
- Robinson, Jennie C. (See Gunderson, Bernard, assignor.)
- Robinson, John E., Glen Ellyn, Ill., assignor to American Can Company, New York, N. Y. Composition for lining can ends. 2,013,670; Sept. 10.
- Robinson, John R., Everett, Wash. Panel joint and making the same. 2,019,095; Oct. 29.
- Robinson, John T., Company. (See Schwamb, T. A., and Smith, assignors.)
- Robinson, Joseph, New York, N. Y. Electrical vaporizer. 2,000,988; May 14.
- Robinson, Joseph, New York, N. Y. Vaporizer. 2,024,249; Dec. 17.
- Robinson, Joseph E., Sr. (See Ware, Mack, assignor.)
- Robinson, Joseph K., Finchley, London, England. Liquid container with nozzle, such for example as oil cans or the like. 1,991,523; Feb. 19.
- Robinson, Leslie T. A., London, England. Printing cylinder and design sheet for use therewith. 1,996,348; Apr. 2.
- Robinson, Leslie T. A., London, England. Printing cylinder. 1,999,109; Apr. 23.
- Robinson, Leslie T. A., Sydenham, England. Printing and other cylinders. 2,014,985; Sept. 17.
- Robinson, Leslie T. A., Sydenham, England. Pressure adjustment for cylinders of printing and other machines. 2,018,282; Oct. 22.
- Robinson, Leslie V., New York, N. Y. Saliva ejector mouthpiece. 1,986,751; Jan. 1.
- Robinson, Luke E. (See Newhart, Harry D., assignor.)
- Robinson, Noah H., J. L. Frazier, J. C. Browning, and L. A. Smith, Dunlow, W. Va. Oiling appliance. 1,992,839; Feb. 26.
- Robinson Orifice Fitting Company. (See Robinson, Henry H., assignor.)
- Robinson, Paul. (See Iliff, J. W., and Robinson.)
- Robinson, Paul. (See Iliff, J. W., Robinson, and Whitescarver.)
- Robinson, Paul Llanerch, and B. E. Sorenson, Philadelphia, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Light colored coating composition. 1,989,711; Feb. 6.
- Robinson, Preston, assignor to Sprague Specialties Company, North Adams, Mass. Electrical condenser. 1,989,046; Jan. 22.
- Robinson, Preston, Williamstown, assignor to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 1,992,545; Feb. 26.
- Robinson, Preston, assignor to Sprague Specialties Company, North Adams, Mass. Manufacture of electrolytic condensers. 1,998,202; Apr. 16.
- Robinson, Preston, assignor to Sprague Specialties Co., North Adams, Mass. Electrolytic condenser. 2,012,481; Aug. 27.
- Robinson, Rebecca S., et al. (See Gibbs, Charles H., assignor.)
- Robinson, Richard, Dormont, assignor by mesne assignments to F. S. Christy and N. Christy, Crafton, Pa., trustees, for Arrar Corporation. Refining molten metal. 1,997,602; Apr. 16.
- Robinson, Robert H. (See Holmes, H. H., and Robinson.)
- Robinson, Roy, Portland, Oreg. Drip catcher for containers. 2,002,677; May 28.
- Robinson, Robert H. (See Holmes, H. H., and Robinson.)
- Robinson, Theodore G., Ossining, N. Y. Girdle and corset. 1,996,626; Apr. 2.
- Robinson, Thomas, Goldenbridge, assignor to Lancaster Asphalt, Inc., New York, N. Y. Roofing product. 2,003,699; June 4.
- Robinson, Thomas, assignor to Lancaster Asphalt, Inc., New York, N. Y. Pulverizing semisolid materials. 2,013,808; Sept. 10.
- Robinson, Victor H., assignor of eighty per cent to A. E. Gage, Los Angeles, Calif. Strainer. 2,009,123; July 23.
- Robinson, Ward M. (See Mueller, R. H., and Robinson.)
- Robinson, William C., Sewickley, assignor to National Electric Products Corporation, Pittsburgh, Pa. Electric conductor. 1,996,652; Apr. 2.
- Robinson, William J. (See Galligan, J. J., and Robinson.)
- Robison, Ansel W., San Mateo, Calif. Producing foodstuffs. 1,997,083; Apr. 9.
- Robison, Leon, and A. Weiszberg, New York, N. Y. Hair waving guard. 2,013,789; Sept. 10.
- Robison, Merritt D., San Francisco, Calif. Cover bag for cages. 2,002,925; May 28.
- Robison, Samuel C. (See Kronquest, A. L., and Robison.)
- Robson, Robert F. (See Oliver, E. H., and Robson.)
- Robuelli Company, The. (See Robart, B. L., and Buell, assignors.)
- Roby, Edward B., assignor to The S and R Folding Machine Co., Inc., New York, N. Y. Textile hemstitching machine. 2,004,080; June 4.
- Roby, Frank M., Shaker Heights, Ohio. Gauge glass apparatus. 2,013,448 Sept. 3.
- Roby, Oliver C., Rocheport, Mo. Plow. 1,987,268; Jan. 8.
- Rocca, Agostino, Dalmine, Italy. Machine for coating metallic cores with cement plaster by spiral windings, provided with devices to regulate the forming and conveying rollers and belts. 2,022,009; Nov. 26.
- Rocchi, Vittorio, Milan, Italy. Apparatus for manufacturing tubes from steel. 1,994,111; Mar. 12.
- Roche, Clifton R., Detroit, Mich. Automobile construction. 2,014,670; Sept. 17.
- Roche, Henry L. R., Paris, assignor to Société Anonyme Etablissements Edoux-Samain, Paris, France. Despatching system for banks of elevators and the like. 2,016,615; Oct. 8.
- Rochester Folding Box Co., The. (See Bowersock, W. E., and Spiess, assignors.)
- Rochester Folding Box Co., The. (See Fancher, Howard M., assignor.)
- Röchling, Robert. (See Zeller, Martin, assignor.)
- Rockow, Hans, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Self-inductance variometer. 2,018,231; Oct. 22.
- Rock, Ida R., Brooklyn, N. Y. Silhouette form. 2,002,441; May 21.
- Rockafellow, Edward, San Francisco, Calif., assignor to American Meter Company. Meter bellows. 2,002,870; May 28.
- Rockcastle, Charles J. (See Rockcastle, Peter P., and C. J.)
- Rockcastle, Peter P., and C. J. Rockcastle, Chicago, Ill. Hydraulic steering device. 2,020,041; Nov. 5.
- Rocke, Louis, Brooklyn, N. Y. Detachable clasp. 2,005,872; June 25.
- Rocke, William, Bloomington, Ill. Washing machine. 2,021,466; Nov. 19.
- Rockefeller, John W., Jr., New York, N. Y. Helical spring. 2,000,905; May 14.
- Rockford Fibre Container Co. (See Conway, J. H., and Hamlin, assignors.)
- Rockford Milling Machine Co. (See Carlson, Raymond A., assignor.)
- Rockhill Coal & Iron Company. (See Shiley, Elmer C.)
- Rockman, Joseph, Sayre, Pa. Tire pressure control. 2,012,773; Aug. 27.
- Rockola, David C., Chicago, Ill. Scale. 2,024,187; Dec. 17.
- Rockola, David C., Chicago, Ill. Game apparatus. 2,024,835; Dec. 17.
- Rock-Ola-Manufacturing Co. (See Huenbergardt, William H., assignor.)
- Rock-Ola Manufacturing Corporation. (See Fey, Edmund C., assignor.)
- Rock-Ola Manufacturing Corporation. (See Frohne, Albin, assignor.)
- Rock-ola Mfg. Co. (See Woolard, Herbert, assignor.)
- Rockstroh, Joachim, Cologne-Deutz, F. Raspe, Leverkusen-I. G. Werk, and H. Kitcher, Leverkusen-Schlebusch, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of rutile. 1,995,580; Mar. 26.
- Rockwell, Byrd C., Sheffield, Ala. Sliver pocket flooring. 2,017,185; Oct. 15.
- Rockwell, Christina, Bellmore, N. Y. Beater. 1,986,163; Jan. 1.
- Rockwell, Edward A. (See Evans, E. R., and Rockwell.)
- Rockwell, Edward A., New York, N. Y. Impulse fuel feeding device. 1,988,285; Jan. 15.
- Rockwell, Edward A., Chicago, Ill. Fuel feeding apparatus. 1,996,590; Apr. 2.
- Rockwell, Edward A., Chicago, Ill. Decelerator. 2,008,403; July 16.
- Rockwell, Edward A., Chicago, Ill., assignor to Patent Engineering Corporation. Dual sound reproducing device. 1,995,461; Mar. 26.
- Rockwell, Edward A., Chicago, Ill., assignor to General Motors Corporation, Detroit, Mich. Fuel pump. 2,005,206; June 18.
- Rockwell, Edward A., Chicago, Ill., assignor to Patent Engineering Company, New York, N. Y. Liquid level indicator. 2,011,162; Aug. 13.
- Rockwell, Edward A., Chicago, Ill., assignor to General Motors Corporation, Detroit, Mich. Fuel pump. 2,018,150; Oct. 22.
- Rockwell, Edward A., Chicago, Ill., and E. V. J. Tower, North Syracuse, assignors, by mesne assignments, to The Russell Manufacturing Company, Middletown, Conn. Automatic clutch. 1,993,123; Mar. 5.
- Rockwell, Frank L. (See Rhodes, O. E., and Rockwell.)
- Rockwell, Hugh M., Freeport, N. Y. Fluid pressure control cylinder for vehicles and the like. 1,998,821; Apr. 23.

- Rockwell, Hugh M., Freeport, N. Y. Antifriction bearing. 2,017,186; Oct. 15.
- Rockwell, Hugh M., Freeport, N. Y. Brake for automotive vehicles. 2,026,401; Dec. 31.
- Rockwell, Ronald J., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Thermostatic device. 2,020,575; Nov. 12.
- Rockwood, Aaron W., Winchester, assignor to Haley, Cate, Rockwood Company, Everett, Mass. Manufacturing piping, welding of the like. 2,001,693; May 14.
- Rockwood, George H., Jr., East Orange, N. J., and W. B. Lodge, Newtonville, Mass., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 1,998,884; Apr. 23.
- Rockwood Sprinkler Company of Massachusetts. (See Benson, Emil M., assignor.)
- Rockwood Sprinkler Company of Massachusetts. (See Howard, Clifton P., assignor.)
- Rocky Mountain Metal Products Co. (See Brusse, A. B., and Carman, assignors.)
- Roco, Albert L., assignor to Layne & Bowler Company, Houston, Tex. Broaching apparatus. 2,013,899; Sept. 10.
- Rodalire Company. (See Rother, Franz, assignor.)
- Rodanet, Charles H. H., Neuilly-sur-Seine, France, assignor to Société Anonyme: Etablissements Ed. Jaeger, Levallois-Perret, (Seine), France. Watch. 2,008,338; July 16.
- Rodanet, Charles H. H., Neuilly-sur-Seine, France, assignor to Societe Anonyme des Etablissements Rigaud, Paris, France. Case for paint stick, shaving soap, and other similar products. 2,012,638; Aug. 27.
- "Rodas" Maschinen-Fabrik Roderick W. Horne. (See Bergner, Kurt, assignor.)
- Rodaway, Edgar O., Birmingham, assignor to Thomas Savery Pumps Limited, London, England. Rotary pump. 1,997,233; Apr. 9.
- Rodd, Ernest H. (See Piggott, H. A., and Rodd.)
- Rodd, Ernest H., and R. W. Everett, Blackley, Manchester, England, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of N-mono-ethyl aromatic amines of the benzene series. 1,986,411; Jan. 1.
- Rodde, Armand, and A. H. Héault, Paris, V. Hudeley, Clichy, and J. Lagrave, Paris, France. Printing apparatus for transferring bichrome or trichrome pictures to lenticulated films. 2,022,432; Nov. 26.
- Rodde, Hugo O., Maywood, Ill. Automobile signal. 2,011,983; Aug. 20.
- Roddis Lumber and Veneer Company. (See Jones, Wilbur L., assignor.)
- Roddy, Vincent J., assignor to American Screw Company, Providence, R. I. Method and machine for finishing screw heads. 2,022,573; Nov. 26.
- Rode, Friedrich J., Toledo, Ohio. Sheet metal press. 1,986,410; Jan. 1.
- Rode, Friedrich J., and M. R. Hatch, Toledo, Ohio. Clutch and brake control device. 2,009,301; July 23.
- Rode, Friedrich J., and M. R. Hatch, Toledo, Ohio. Sheet metal press. 2,018,576; Oct. 22.
- Rodeghier, Frederick, Joliet, Ill. Hydraulic clutch. 2,018,743; Oct. 29.
- Rödel, Guy M. J., Le Bouscat, France. Automatic safety circuit breaking device for vehicles. 2,010,897; Aug. 13.
- Rodger Ballast Car Company. (See Neikirk, John O., assignor.)
- Rodgers, George A., et al. (See Rodgers, James S., assignor.)
- Rodgers, Hubert D., Merrill, Oreg. Automatic hydraulic transmission. 1,992,040; Feb. 19.
- Rodgers, James S., assignor, by mesne assignments, of one-third to J. L. Rodgers, one-third to G. A. Rodgers, and one-third to J. S. Rodgers, Minneapolis, Minn. Hydraulic press. 2,020,162; Nov. 5.
- Rodgers, John L., et al. (See Rodgers, James S., assignor.)
- Rodgers, Karl F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric condenser. 1,996,123; Apr. 2.
- Rodgers, Leo J., Highland Park, Mich. Combination kit. 1,996,653; Apr. 2.
- Rodgers, Leo J., Highland Park, Mich. Convertible hand bag. 2,018,809; Oct. 29.
- Rodgers, Samuel M., and N. P. Shelby, Lebanon, Ind. Straw and foliage collector attachment for combines. 2,008,561; July 16.
- Rodic Rubber Corporation. (See Dickey, Charles T., assignor.)
- Rodler, Hilmer F., Woodcliff, N. J., assignor to Oil Equipment Laboratories, Inc. Oil burning apparatus. 2,004,346; June 11.
- Rodler, Hilmer F., Woodcliff, N. J., assignor to Oil Equipment Laboratories, Inc. Oil burning device. 2,025,526; Dec. 24.
- Rodler, Waldo E. (See Choate, R. E., and Rodler.)
- Rodler, Waldo E., Cedar Rapids, assignor to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Wagon. 2,023,700; Dec. 10.
- Rodman, Clarence A., Detroit, Mich., assignor to J. B. Tanner. Refrigerating and dispensing apparatus. 2,009,817; July 30.
- Rodman, Ernest, Marshallton, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical product and producing same. 2,015,234; Sept. 24.
- Rodman, Ernest A., Marshallton, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resinous composition and making the same. 2,025,612; Dec. 24.
- Rodman, Isaac P., South Orange, assignor to Lektrophone Corporation, Jersey City, N. J. Color photography. 2,011,544; Aug. 13.
- Rodrian, Herbert, Cologne-Mulheim, R. Bauer, Cologne-Duetz, and A. Doser, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Wax. 1,990,615; Feb. 12.
- Rodth, Joseph R., New York, N. Y. Protection device for telephones. 1,993,382; Mar. 5.
- Roe, Emmett J., Wichita, Kans., assignor of one-half to C. E. Glammann, Underreamer. 2,012,774; Aug. 27.
- Roe, Emmett J., Wichita, Kans., assignor of one-half to C. E. Glammann, Underreamer. 2,012,775; Aug. 27.
- Roe, Nathaniel, Patchogue, N. Y. Method of and device for starting combustion in oil burners. 2,025,074; Dec. 24.
- Roe, Ralph C., Englewood, N. J. Air conditioning. 1,989,337; Jan. 29.
- Roe, Ralph C., Englewood, assignor of one-half to Stephen W. Borden, Summit, N. J. Heat storage device. 2,003,496; June 4.
- Roe, Ralph C., Englewood, assignor of one-half to S. W. Borden, Summit, N. J. Air heater. 2,022,812; Dec. 3.
- Roe, Ralph C., Englewood, N. J. Air conditioning for moving vehicles. 2,023,444; Dec. 10.
- Roe, William C. (See Brewer, R. B., and Roe.)
- Roe, William C., Elyria, Ohio, assignor, by mesne assignments, to Printel Communication Systems, Inc., New York, N. Y. Receiver for the electrical transmission of intelligence. 1,991,416; Feb. 19.
- Roe, William C., Elyria, Ohio, assignor, by mesne assignments, to Printel Communication Systems, Inc., New York, N. Y. Roll material dispensing device. 1,992,394; Feb. 26.
- Roe, William C., Elyria, Ohio, assignor, by mesne assignments, to Printel Communication Systems, Inc., New York, N. Y. Electrical system and apparatus for transmitting intelligence. 2,013,671; Sept. 10.
- Roe, William C., and F. J. Heavens, Elyria, Ohio, assignors, by mesne assignments, to Printel Communication Systems, Inc., New York, N. Y. Telegraph typewriter system and apparatus. 2,025,778; Dec. 31.
- Roebbling's, John A., Sons Company. (See Green, R. D., and Craig, assignors.)
- Roebbling's, John A., Sons Company. (See Johnston, Robert S., assignor.)
- Roebbling's, John A., Sons Company. (See Morgan, Archibald J., assignor.)
- Roebbling's, John A., Sons Company. (See Sunderland, Charles C., assignor.)
- Roedding, Gordon E., assignor to Grand Rapids Brass Company, Grand Rapids, Mich. Latch. 1,995,106; Mar. 19.
- Roedding, Gordon E., assignor to Grand Rapids Brass Company, Grand Rapids, Mich. Latch. 2,014,587; Sept. 17.
- Roedding, Ward E., Grand Rapids, Mich., assignor, by mesne assignments, to Van Cleeff Bros., Chicago, Ill. Valve for inflatable articles. 1,994,790; Mar. 19.
- Roede, Charles B., Jersey City, N. J., assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector car. 2,011,418; Aug. 13.
- Roeder, Clyde A., Omaha, Nebr. Hydraulic brake. 2,001,585; May 14.
- Roeder, Clyde A., Omaha, Nebr. Change speed transmission. 2,005,167; June 18.
- Roeder, Hans A., Berlin, Germany. Ligator. 2,012,776; Aug. 27.
- Roeder, Fritz, Berlin, Germany. Combined paper punching and folding machine. 2,016,052; Oct. 1.
- Roediger, Joseph C., Brooklyn, assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Bituminous emulsion and making same. 1,988,336; Jan. 15.
- Roedl, George C., Beaver Dam, Wis. Combination cooker. 2,022,152; Nov. 26.
- Roegel, Edward A., assignor to The Peerless Paper Box Manufacturing Company, Cleveland, Ohio. Article rack for display boards. 1,997,310; Apr. 9.
- Roehm, Erwin G. (See Romaine, M., and Roehm.)
- Roehm, Erwin G., Norwood, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,000,614; May 7.
- Roehm, Erwin G., Norwood, assignor to The Cincinnati Milling Company, Cincinnati, Ohio. Routing machine. 2,024,250; Dec. 17.
- Roehm, Erwin G., Norwood, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine transmission and control mechanism. 2,025,902; Dec. 31.
- Roehm, John G., Oneida, and S. C. Bliss, Kenmore, assignors, by mesne assignments, to Smith Hood & Seal Corporation, Syracuse, N. Y. Bottle-capping machine. 2,006,776; July 2.
- Roehm, William A., Lynbrook, N. Y. Inking device. 1,993,284; Mar. 5.
- Roehrl, Carl, Chicago, Ill. Die casting machine. 2,012,548; Aug. 27.
- Roehrl, Bruno C. (See Bornmann, C., and Roehrl.)

- Roehrl, Bruno C., Binghamton, N. Y. Inter-related power transmission control and brake mechanism. 2,018,469; Oct. 22.
- Roelke, Gustav A., Tulsa, Okla. Dental tool. 2,025,779; Dec. 31.
- Roell, Ernst. (See Drossbach, O., and Roell.)
- Roell, Ernst. (See Wulff, C., and Roell.)
- Roemer, Ralph R., Cleveland, Ohio. Metal cutting means and method. 2,022,433; Nov. 26.
- Roeloffzen, Herman W., New York, N. Y. Sweat-band for hats. 1,997,017; Apr. 9.
- Roelofs, Bert A., Kalamazoo, Mich. Spring flask compress. 2,006,903; July 2.
- Roemer, George R., Brooklyn, N. Y. Conveying apparatus. 1,999,596; Apr. 30.
- Roemisch, Joe, Hermleigh, Tex. Gum developer. 1,998,203; Apr. 16.
- Roepe, Harold O., et al. (See Clark, Kenneth A., assignor.)
- Roerig, Joseph B., Chicago, Ill. Collapsible tube. 2,015,287; Sept. 24.
- Roesch, Alphonse, administrator de bonis non. (See Rush, Albert.)
- Roesch, Frank P., Chicago, Ill., assignor to The Standard Stoker Company, Incorporated. Stoker. 2,011,911; Aug. 20.
- Roesch, Frank P., Chicago, Ill., and G. R. Steuart, Denver, Colo., assignors to The Standard Stoker Company, Incorporated. Stoker. 2,010,244; Aug. 6.
- Roesch, Fred M., Hollis, N. Y. Tapping apparatus. 2,024,390; Dec. 17.
- Roesel, Adolph E., Pine Lawn, Mo. Sanitary waste basket and stand. 2,010,789; Aug. 6.
- Roesen, Oscar C., Brooklyn, N. Y., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Anti-shriving device. 1,986,483; Jan. 1.
- Roesen, Oscar C., Brooklyn, assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Controlling a circuit by a counter. 1,992,841; Feb. 26.
- Roesen, Oscar C., Eastchester, assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Production controlling device. 1,992,840; Feb. 26.
- Roessler, Edward W., Schenectady, N. Y., assignor to General Electric Company. Air conditioning apparatus. 2,022,523; Nov. 26.
- Roetger, Hans. (See Schlecht, L., and Roetger.)
- Roethel, George, Jr. (See Pfaff, E. E., Coon, and Roethel.)
- Roethel, George, Jr., Chicago, Ill., assignor to E. H. Scott. Tuning control. 2,003,608; June 4.
- Roethel, John H., Detroit, Mich. Window regulator. 1,986,532; Jan. 1.
- Roethel, John H., Detroit, Mich. Rear quarter window regulator. 1,987,128; Jan. 8.
- Roethel, John H., Detroit, Mich. Window regulator. 2,008,517; July 16.
- Roethel, Bruno E., Boston, Mass. Treatment of fiber and the product. 2,010,324; Aug. 6.
- Roger, John P. (See Trainer, J. E., and Roger.)
- Rogers Brothers Corporation. (See Rogers, Charles A., L. J., and H. L., assignors.)
- Rogers, Cecil M., assignor to Locomotive Firebox Company, Chicago, Ill. Spark arrester. 2,020,378; Nov. 12.
- Rogers, Charles A., L. J. Rogers, and H. L. Rogers, assignors to Rogers Brothers Corporation, Albion, Pa. Fifth wheel. 1,999,980; Apr. 30.
- Rogers, Clifford R. (See Baker, D. B., Panzegrav, and Rogers.)
- Rogers, Donald G., Hamburg, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Fluid paste of anthraquinone compounds. 2,006,720; July 2.
- Rogers, Donald P., Clayton, Mo., assignor to J. H. Wiley Protection Company. Acoustic frame glass mounting. 1,995,819; Mar. 26.
- Rogers, Edmund. (See Werder, John F., assignor.)
- Rogers, Edward C., Riverside, Tex. Cattle guard. 2,015,317; Sept. 24.
- Rogers, Elmer D., Detroit, Mich. Garment hanger. 2,023,443; Dec. 10.
- Rogers, Ernest A., Redfield, Bristol, England. Clock combined with advertising device. 1,998,026; Apr. 16.
- Rogers, Francis M., assignor to Standard Oil Company, Whiting, Ind. Removal of naphthenic acids from hydrocarbon oils. 2,007,146; July 2.
- Rogers, George L. (See Thompson, L. W., and Rogers.)
- Rogers, Harrison W. (See Back, Joseph E., assignor.)
- Rogers, Horace B., Norfolk, Va. Cooling device for automobiles and windshield water supply. 1,993,684; Mar. 5.
- Rogers, Horace B., Norfolk, Va. Windshield water supply. 1,998,387; Apr. 16.
- Rogers, Horace B., Norfolk, Va. Vegetable washing device. 2,014,053; Sept. 10.
- Rogers, Hugh L. (See Rogers, Charles A., L. J., and H. L.)
- Rogers Isinglass & Glue Company. (See Murray, J. J., and White, assignors.)
- Rogers, John A., Rockville Centre, assignor to Hydraulic Elevator & Machine Company, Brooklyn, N. Y. Automatic leveling mechanism for hydraulic motors, elevators, etc. 1,991,000; Feb. 12.
- Rogers, John C., assignor to Crown Stove Works, Cicero, Ill. Gas burner. 1,986,288; Jan. 1.
- Rogers, John C., assignor to Crown Stove Works, Cicero, Ill. Gas stove. 2,005,242; June 18.
- Rogers, John C., assignor to Crown Stove Works, Cicero, Ill. Gas burner. 2,005,560; June 18.
- Rogers, John C., assignor to Crown Stove Works, Cicero, Ill. Combination broiler grid and pan. 2,012,520; Aug. 27.
- Rogers, John V. (See Colvin, F. S., and Rogers.)
- Rogers, John W. (See McKelvey, J. H., and Rogers.)
- Rogers, Kenneth S., Niles Township, Berrien County, assignor to Squee-Wash Mfg. Co., Niles, Mich. Window cleaner. 2,008,615; July 16.
- Rogers, Louis J. (See Rogers, Charles A., L. J., and H. L.)
- Rogers, Louis J., Albion, Pa. Corrugating machine. 1,997,122; Apr. 9.
- Rogers, Louis J., Albion, Pa. Ventilated wheel and brake drum. 2,022,153; Nov. 26.
- Rogers, Myron C., Morrison, Ill. Dish-washing machine. 1,999,946; Apr. 30.
- Rogers, Newman LeR., Los Angeles, Calif. Game. 2,007,216; July 9.
- Rogers Radio Tubes, Limited. (See Parker, Henry W., assignor.)
- Rogers, Russell H., et al. (See Gutekunst, Gurney O., assignor.)
- Rogers, Thomas E., assignor to A. B. Cleveland and J. E. Belden, jointly, Los Angeles, Calif. Tire retreading mold. 2,004,800; June 11.
- Rogers, Thomas H., Hammond, Ind., and R. E. Wilson, Chicago, Ill., assignors, by mesne assignments, to Gasoline Antioxidant Company, Wilmington, Del. Motor fuel product. 1,992,014; Feb. 19.
- Rogers, Victor E., Madison, Wis. Truck for handling barrels. 2,014,057; Sept. 10.
- Rogers, William S. (See Munson, Albert B., assignor.)
- Rogge, Gustav A. (See Beck, R. W., and Rogge.)
- Rognrud, Truls, Hunsdalen, near Hen St., Norway. Mobile apparatus for burning and heating purposes. 2,012,521; Aug. 27.
- Rohan, Celestine, Irvington, N. J. Baby carriage protector. 2,025,613; Dec. 24.
- Rohan, John, New York, N. Y. Apparatus for washing motor cars and the like. 2,011,375; Aug. 13.
- Rohde, Otto C., assignor to Champion Spark Plug Company, Toledo, Ohio. Uniting parts. 1,999,784; Apr. 30.
- Rohde, Otto C., assignor to Champion Spark Plug Company, Toledo, Ohio. Uniting parts. 1,999,785; Apr. 30.
- Rohde, Otto C., assignor to Champion Spark Plug Company, Toledo, Ohio. Spark plug. 2,020,965; Nov. 12.
- Rohde, Otto C., assignor to Champion Spark Plug Company, Toledo, Ohio. Spark plug and making the same. 2,020,966; Nov. 12.
- Rohde, Otto C., assignor to Champion Spark Plug Company, Toledo, Ohio. Spark plug and making the same. 2,020,967; Nov. 12.
- Rohlfing, Andrew A., Bound Brook, assignor to Johnson & Johnson, New Brunswick, N. J. Packaging surgical dressings. 2,017,819; Oct. 15.
- Rohlfing, John M., Plainfield, N. J. Truck side frame for railway cars. 1,990,095; Feb. 5.
- Rohlin, Karl W., Merchantville, N. J., assignor to Warren Webster & Company. Radiator. 2,009,705; July 30.
- Rohlin, Victor A., assignor to Cochrane Corporation, Philadelphia, Pa. Liquid distribution control mechanism for multiunit apparatus. 1,990,881; Feb. 12.
- Rohm & Haas A.-G. (See Geisel, Emil, assignor.)
- Rohm & Haas Company. (See Bartlett, P. G., and Kremers, assignors.)
- Rohm & Haas Company. (See Bauer, Walter, assignor.)
- Rohm & Haas Company. (See Bruson, H. A., and Stein, assignors.)
- Rohm & Haas Company. (See Hecker, Leon C., assignor.)
- Rohm & Haas Company. (See Hester, William F., assignor.)
- Rohm & Haas Company. (See Hester, W. F., Raterink, and Somerville, assignors.)
- Rohm & Haas Company. (See Niederl, Joseph B., assignor.)
- Rohm & Haas Company. (See Powers, D. H., and Bock, assignors.)
- Rohm & Haas Company. (See Powers, D. H., and Stiegler, assignors.)
- Rohm & Haas Company. (See Robinson, J. D., and Hester, assignors.)
- Rohmer, Frank D., Midland, assignor to Bocl Corporation, Pittsburgh, Pa. Spare light bulb carrier for vehicles and running light indicating systems embodying the same. 2,012,917; Aug. 27.
- Rohn, Oscar E., Truro, Nova Scotia, Canada. Undergarment. 2,007,982; July 16.
- Rohn, Wilhelm, assignor to Heraeus-Vacuumschmelze A. G., Hanau-on-the-Main, Germany. Manufacturing alloys. 2,012,777; Aug. 27.
- Rohn, Wilhelm, Hanau, assignor to Heraeus-Vacuumschmelze A. G., Hanau-on-the-Main, Germany. Producing beryllium alloys. 2,025,614; Dec. 24.
- Rohn, Wilhelm, assignor to Heraeus-Vacuumschmelze A. G., Hanau-on-the-Main, Germany. Producing beryllium alloys. 2,025,615; Dec. 24.
- Rohn, Wilhelm, Hanau, assignor to Heraeus-Vacuumschmelze A. G., Hanau-on-the-Main, Germany. Producing beryllium alloys. 2,025,616; Dec. 24.
- Rohner, Leonard V. (See Kniskern, W. H., and Rohner.)
- Rohr, Carl P., San Antonio, Tex. Dental apparatus. 2,026,065; Dec. 31.

- Röhr, Gustav, Cronberg, Germany. Frame for autocars. 2,007,255; July 9.
- Rohrbach, Eugene C., Ridgewood, N. J. Device for finger nails. 2,013,290; Sept. 3.
- Rohrbach, John J., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Spectacle temple and making the same. 1,988,423; Jan. 15.
- Rohrdantz, Henry, Philadelphia, Pa. Traffic indicator. 1,989,114; Jan. 29.
- Rohrer, John M., Orwigsburg, Pa. Wiping mechanism for lasted uppers. 1,991,417; Feb. 19.
- Rohrer, John M., Orwigsburg, Pa. Mechanism for roughening the sole portions of lasted uppers. 1,993,753; Mar. 12.
- Rohrer, Josiah H., Philadelphia, assignor to Badenhausen Corporation, Cornwells Heights, Pa. Boiler for pulp mills and the like. 2,023,031; Dec. 3.
- Rohs, Adolf, Kladno, Czechoslovakia. Method of and apparatus for manufacturing ropes from noncircular wires. 1,996,689; Apr. 2.
- Rohs, Adolf, Kladno, Czechoslovakia, assignor to Felten & Guilleaume Carlswerke Actien Gesellschaft, Cologne-Mulheim, Germany. Rolling of electrical conductors of noncircular cross section. 2,024,305; Dec. 17.
- Roirant, Emile, assignor to Société Anonyme d'Etudes et de Constructions d'Appareils Mécaniques pour la Verrierie, Paris, France. Machine for the manufacture of bottles, flacons, and other hollow glass objects. 2,021,670; Nov. 19.
- Roirant, Emile, assignor to Société Anonyme d'Etudes et de Constructions d'Appareils Mécaniques pour la Verrierie, Paris, France. Device for the continuous renewal of glass in a drawing off basin attached to a glass furnace. 2,023,745; Dec. 10.
- Roirant, Emile, assignor to Société Anonyme d'Etudes et de Constructions d'Appareils Mécaniques pour la Verrierie, Paris, France. Rotating drawing off basins attached to glass furnaces. 2,023,746; Dec. 10.
- Róka, Koloman, and K. Wiesler, Konstanz, Germany. Production of acetone. 2,014,294; Sept. 10.
- Rola Company, The. (See Engholm, Bernard A., assignor.)
- Roland, Esten U., Shiloh, Ohio. Frying pan cover. 2,002,237; May 21.
- Roland, Frank H. (See McFall, R. J., and Roland.)
- Roland, Jay, Brooklyn, N. Y. Card game. 2,019,732; Nov. 5.
- Roland, John. (See Winkler, C. J., and Roland.)
- Roland, John, assignor to Schwitzer-Cummins Company, Indianapolis, Ind. Damper control for stokers. 1,997,833; Apr. 16.
- Roland, Robert J., Cincinnati, assignor to The Alvey-Ferguson Company, Oakley, Cincinnati, Ohio. Conveyor. 2,000,499; May 7.
- Rolen, Carl R., Waukesha, Wis. Apparatus for injecting graphite into engines. 2,002,834; May 28.
- Roleson, Edward P. (See Ash, C. S., and Roleson.)
- Rolfe, Benjamin C., Richmond, Va. Oil level actuated engine speed controlling device. 2,023,936; Dec. 10.
- Rolff, Friedrich, Berlin-Frohnau, Germany, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Molding apparatus. 1,994,028; Mar. 12.
- Rolfs, Eugene L., Dallas, and C. W. Fuller, Houston, Tex., assignors to Johns-Manville Corporation, New York, N. Y. Pipe wrapping apparatus. 1,990,711; Feb. 12.
- Rolfs, Robert H., assignor to Amity Leather Products Co., West Bend, Wis. Combination lady's hand bag and cigarette case. 2,020,906; Nov. 12.
- Rollin Manufacturing Company. (See Ritzert, Robert W., assignor.)
- Roll, Carlton W. (See Staniford, R. H., and Roll.)
- Rolland, George A., Jamestown, N. Y. Block molding apparatus. 2,007,063; July 2.
- Rollason, Charles H., Wheeling, W. Va. Container. 2,006,963; July 2.
- Rollason, Charles H., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Box or crate. 1,991,868; Feb. 19.
- Rollason, Charles H., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Vent for containers. 1,999,824; Apr. 30.
- Rollason, Charles H., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Bail ear for pails. 2,009,680; July 30.
- Rollason, Charles H., Wheeling, assignor to Wheeling Steel Corporation, Wheeling, W. Va. Container. 2,019,733; Nov. 5.
- Rollason, Charles R., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Retaining device. 2,023,937; Dec. 10.
- Roller, Franz, Stuttgart-Wangen, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Spring for vehicles. 2,010,415; Aug. 6.
- Roller, Joseph V. (See Caruso, M. A., Lally, and Roller.)
- Roller, Paul S., New Brunswick, N. J. Apparatus for fractionating finely divided material. 2,019,507; Nov. 5.
- Rolleston, Lancelot O. (See Campbell, J., and Rolleston.)
- Rollins, Grace D., New Rochelle, and E. H. Dobbs, Larchmont, N. Y. Cap. 2,005,361; June 18.
- Rollins, Irving E., Worcester, Mass. Lighting unit for lanterns. 2,006,251; June 25.
- Rollins, William B. (See Hagar, L. L., and Rollins.)
- Rollman, Michael A., Mount Joy, Pa. Electric plug. 2,022,785; Dec. 3.
- Rollnick, George, and L. Friend, Los Angeles, Calif. Tape moving mechanism. 2,006,410; July 2.
- Rollnick, George, and L. Friend, Los Angeles, Calif. Automatic calendar. 2,014,863; Sept. 17.
- Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Prismatic light controlling device and making the same. 2,015,235; Sept. 24.
- Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Airport boundary light. 2,021,611; Nov. 19.
- Rolph, Thomas W., Newark, Ohio, and H. L. Logan, New Rochelle, assignors to Holophane Company, Inc., New York, N. Y. Lighting system. 2,017,075; Oct. 15.
- Rolscreen Company. (See Kuyper, Peter H., assignor.)
- Rolwing, Rosemary. (See Florman, I., and Rolwing.)
- Romaine, Hollie C., Saginaw, Mich. Closure. 1,995,013; Mar. 19.
- Romaine, Millard. (See Archea, W. D., and Romaine.)
- Romaine, Millard, assignor to Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,991,958; Feb. 19.
- Romaine, Millard, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,997,551; Apr. 9.
- Romaine, Millard, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Broaching machine. 2,024,251; Dec. 17.
- Romaine, Millard, Cincinnati, and E. G. Roehm, Norwood, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Broaching machine. 2,002,924; May 28.
- Romaine, Millard, Cincinnati, and E. G. Roeme, Norwood, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Broaching machine. 2,024,252; Dec. 17.
- Romaine, Millard, Cincinnati, and E. G. Roeme, Norwood, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Broaching machine. 2,024,253; Dec. 17.
- Romaine, Millard, Cincinnati, and E. G. Roeme, Norwood, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Broaching machine. 2,024,254; Dec. 17.
- Roman, Charles, assignor to Craftwood, Inc., Miami, Fla. Flooring. 1,991,701; Feb. 19.
- Roman, Joseph F., Wilmington, Del. Yieldable jewel bearing. 2,006,606; July 2.
- Roman, Lucien Henri. (See Prudhomme, Eugene A., assignor.)
- Romane, Georges, St. Mandé, France. Apparatus for making imitation astrakhan fur. 2,005,049; June 18.
- Romano, Eugene J., Seattle, Wash. Maneuvering means for under water salvage equipment. 2,004,133; June 11.
- Romano, Joseph, Brooklyn, N. Y. Hydraulic automobile jack. 1,998,289; Apr. 16.
- Romano, Theodore, Boston, Mass. Dispensing tube cap. 2,019,798; Nov. 5.
- Romanoff, Hippolyte W., assignor to W. Senutovitch and E. Nobel, Paris, France. Cellular structure for panels and other applications. 1,996,490; Apr. 2.
- Romans, Isabella B., Tuckahoe, N. Y. Prevention and removal of slime formations. 1,989,380; Jan. 29.
- Rome Company, The. (See Barnard, Dean S., assignor.)
- Rome Company, The. (See Blaha, Stephen J., assignor.)
- Rome Company, The. (See Pittoni, Angelo, assignor.)
- Romeis, Arthur J., Chippewa Falls, Wis. Drawing board clamp. 2,022,825; Dec. 3.
- Romeiser, Ernest G., assignor to R. C. Schemmel, Union City, Ind. Fitting for electric wire conduits. 2,021,023; Nov. 12.
- Römer, Raoul, Biel, Switzerland. Illuminating element. 2,001,852; May 21.
- Römhild, Edgar, Berlin-Steglitz, Germany, assignor to General Electric Company. Cathode for electric discharge devices. 2,001,548; May 14.
- Romig, Morris W., assignor to L. F. Grammes & Sons Inc., Allentown, Pa. Securing name plates and the like. 1,987,215; Jan. 8.
- Romito, Quirino D. (See La Marca, P., and Romite.)
- Römmelt, Wilhelm. (See Hegwein, G., Römmelt, and Stockmeyer.)
- Römmelt, Wilhelm. (See Hegwein, G., Stockmeyer, Steinhardt, Römmelt, Schmid and Würst.)
- Römmelt, Wilhelm. (See Stockmeyer, F. W., and Römmelt.)
- Romnes, Haakon I. (See Coy, J. A., and Romnes.)
- Rompe, Robert. (See Gaidies, G., and Rompe.)
- Ronan, Kenneth M., Wayne, Mich., assignor to Manning & Co., Chicago, Ill. Airplane fuselage construction. 2,008,836; July 23.
- Ronci, Victor L. (See Hale, D. A. S., and Ronci.)
- Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Temperature controlling device. 2,003,956; June 4.
- Ronci, Victor L., Brooklyn, N. Y., J. R. Wilson, Mountain Lakes, and C. Depew, Oakland, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for coating filamentary material. 1,986,533; Jan. 1.
- Ronci, Victor L., Brooklyn, N. Y., J. R. Wilson, Mountain Lakes, and C. Depew, Oakland, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for coating electrical conductors. 1,986,534; Jan. 1.
- Ronci, Victor L., and E. F. Elbert, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical switching device. 1,998,822; Apr. 23.

- Rondolin, Laurent, Bermondsey, assignor to Peek Frean & Company Limited, and Laurent Rondolin, London, England. Oven conveyor. 2,017,991; Oct. 22.
- Roney, Archibald W. (See Burgess, J. R., and Roney.)
- Ronke, Julian. (See Siedel, F., and Ronke.)
- Rönberg, Daniel, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Fusible cut-out. 2,003,977; June 4.
- Rönberg, Daniel, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Electric switch. 2,020,475; Nov. 12.
- Ronning, Adolph, Minneapolis, Minn. Automatic headlight dimmer. 1,999,527; Apr. 30.
- Ronning, Adolph, Minneapolis, Minn. Power operated control mechanism. 2,005,243; June 18.
- Ronning, Henry O. (See Cullen, H. E., and Ronning.)
- Ronning, Peter I., Minneapolis, Minn. Automatic fire extinguisher. 2,018,810; Oct. 29.
- Ronsheim, Nelson. (See Metzler, C., and Ronsheim.)
- Rood, Benjamin S., and G. B. Honeywell, Laketon, Pa. Electric lamp. 2,014,054; Sept. 10.
- Roofing Machinery Mfg. Co. (See McFarland, Owen D., assignor.)
- Rooke, George F. (See Johnson, Walter S., assignor.)
- Roome, Frank A., and H. W. Hafter, Antwerp, Belgium, assignors to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 2,005,595; June 18.
- Roon, Leo. (See Dorian, M. A., and Roon.)
- Roon, Leo, Great Neck, N. Y. Playing card. 2,012,288; Aug. 27.
- Rooney, Frederick M., assignor to Dubuar-Rooney, Inc., New York, N. Y. Refrigerating apparatus. 1,989,247; Jan. 29.
- Rooney, Thomas P., Fall River, Mass. Textile drafting device. 2,023,032; Dec. 3.
- Rooney, Walter E., Bellingham, Wash., assignor to American Can Company, New York, N. Y. Fish canning machine. 2,015,089; Sept. 24.
- Roos, Axel H., Chico, Calif. Micrometer key gauge. 2,021,201; Nov. 19.
- Roos, Carlisle K., Wheaton, assignor to United States Gypsum Company, Chicago, Ill. Sound absorbing composition. 1,996,032; Mar. 26.
- Roos, Carlisle K., Wheaton, assignor to United States Gypsum Company, Chicago, Ill. Gypsum plaster and making the same. 1,999,158; Apr. 23.
- Roos, Carlisle K., Wheaton, assignor to United States Gypsum Company, Chicago, Ill. Gypsum slab and manufacturing same. 2,007,133; July 2.
- Roos, Carlisle K., Fort Dodge, Iowa, assignor to United States Gypsum Company, Chicago, Ill. Cementitious material. 2,017,022; Oct. 8.
- Roos, Delmar G., South Bend, Ind., assignor to The Studebaker Corporation, Detroit, Mich. Motor vehicle. 1,987,269; Jan. 8.
- Roos, Henry W., Cincinnati, Ohio. Apparatus for forming concrete floors. 1,987,216; Jan. 8.
- Roostenstein, Hans O. (See Bechmann, R., Roostenstein, and Elstermann.)
- Roostenstein, Hans O. (See Böhm, O., Hagen and Roostenstein.)
- Roostenstein, Hans Otto. (See Mollath, A., and Roostenstein.)
- Roostenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Regenerative tube generator. 1,997,084; Apr. 9.
- Roostenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Modulation. 2,001,891; May 21.
- Roostenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmitter arrangement. 2,007,875; July 9.
- Roostenstein, Hans O., and W. Runge, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio receiver. 2,014,509; Sept. 17.
- Roostenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Thermostatically controlled piezo-electric crystal holder. 2,018,321; Oct. 22.
- Root, A. I., Company, The. (See Barnett, William M., assignor.)
- Root, A. I., Company, The. (See Root, Huber H., assignor.)
- Root, Arthur A., Detroit, Mich. Golf club. 1,994,149; Mar. 12.
- Root, B. M., Co. (See Farley, F. S., and Wheeler, assignors.)
- Root, Chester G., and W. F. Perry, Paris, Texas. Two cycle engine. 1,997,834; Apr. 16.
- Root, Huber H., assignor to The A. I. Root Company, Medina, Ohio. Light. 1,988,703; Jan. 22.
- Root, Ralph C., Indianapolis, Ind. Key holder. 2,003,553; June 4.
- Root Spring Scraper Company. (See Weeks, Ernest A., assignor.)
- Roper, Edward L., Beulah, Colo. Automatic gate. 2,024,063; Dec. 10.
- Roper, George D., Corporation. (See Funk, James M., assignor.)
- Roper, Geo. D., Corporation. (See Hobson, Stanley H., assignor.)
- Roper, Geo. D., Corporation. (See Hollman, Peter I., assignor.)
- Roper, Val J. (See Brown, W. C., Roper, and Denny.)
- Roper, Val J., Cleveland, Ohio, assignor to General Electric Company. Vehicle head lamp. 2,006,964; July 2.
- Roper, Val J., Cleveland, and W. C. Brown, East Cleveland, assignors to General Electric Company. Light projector. 1,992,041; Feb. 19.
- Roper, William A. (See Anthony, H. R. C., and Roper.)
- Roquet, Homer A., Oskaloosa, Iowa. Litter gatherer. 1,998,524; Apr. 23.
- Rordell, Cornelius J., Salt Lake City, Utah. Cultivator. 1,987,027; Jan. 8.
- Rorrer, Charles E., and A. R. Mitterer, assignors to Stadium Stores, Inc., Denver, Colo. Refrigerating show case. 1,987,796; Jan. 15.
- Rorrer, Charles E., and A. R. Mitterer, assignors to Stadium Stores, Inc., Denver, Colo. Refrigerating show case. 1,987,797; Jan. 15.
- Rorrer, Charles E., and A. R. Mitterer, assignors to Stadium Stores, Inc., Denver, Colo. Refrigerated show case. 2,011,731; Aug. 20.
- Rorrer, Thomas W., Elmont, W. Va. Steel tie or bridle bar construction. 2,024,306; Dec. 17.
- Rorvik, John, Watkins, Mont. Self-governed wind motor. 1,986,752; Jan. 1.
- Rosa, Leonard J., Detroit, and C. S. Ash, Birmingham, assignors to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Vehicle wheel rim construction. 1,993,813; Mar. 12.
- Rosales, Miguel A., Bais Oriental Negros, P. I. Extraction of sugar cane wax. 2,009,522; July 30.
- Rosatelli, Celestino, Turin, Italy. Aircraft tail chassis. 1,998,204; Apr. 16.
- Rosberger, Max, Newark, N. J. Tufting device. 2,016,157; Oct. 1.
- Rosborough, William McL., Charlotte, N. C. Making castellated or slotted nut blanks or the like. 2,016,296; Oct. 8.
- Rosch, Arthur, Brieseland-Sud, Kreis Osthavelland, Germany, assignor to General Electric Company. Load regulation of electric power plants. 2,020,080; Nov. 5.
- Rösch, Georg, Cologne-Mulheim, J. Haller, Leverkusen-Wiesdorf, and F. Helwert, Mannheim, Germany, assignors, by mesne assignments, to Durand & Huguenin A.-G., Basel, Switzerland. Preparing the tetrasulphuric acid ester of leuco-1,2,2',1'-anthraquinone azine. 2,022,218; Nov. 26.
- Rosch, Samuel J., Yonkers, assignor to Anaconda Wire & Cable Company, New York, N. Y. Electric cable. 2,006,932; July 2.
- Roscher, Ernst K., Hamburg-Wandsbek, Germany. Rail motor vehicle for high-speed railways. 1,993,456; Mar. 5.
- Roscher, Ernst K., Hamburg-Wandsbek, Germany. Steel permanent way for high speed railways. 1,998,205; Apr. 16.
- Roscoe, Merrill W., Batavia, and C. F. Crumb, Chicago, Ill., assignors to International Harvester Company. Feed control for hammer mills. 2,005,561; June 18.
- Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Conveyor apparatus. 1,987,871; Jan. 15.
- Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Fringing apparatus. 1,997,311; Apr. 9.
- Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Wrapping machine. 2,006,933; July 2.
- Rose, Alfred G., Gainsborough, assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Wrapping machine. 2,010,275; Aug. 6.
- Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Bag fastener. 2,017,704; Oct. 15.
- Rose, Alfred German, assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Packing machine. 2,018,151; Oct. 22.
- Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Package-making machine. 2,021,091; Nov. 12.
- Rose, Bennie A., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine generator rotor. 1,994,922; Mar. 19.
- Rose Brothers (Gainsborough) Limited. (See Rose, Alfred G., assignor.)
- Rose, Chester M., Columbus, Ohio. Seal lock. 1,987,351; Jan. 8.
- Rose, Clarence C., and R. E. Sears, assignors to Willard Storage Battery Company, Cleveland, Ohio. Making red lead. 1,992,395; Feb. 26.
- Rose, Edwin L. (See Woodruff, L. F., and Rose.)
- Rose, Frank G., assignor to United States Gypsum Company, Chicago, Ill. Machinery base. 2,015,412; Sept. 24.
- Rose, George H., Cleveland Heights, Ohio. Rolling mill. 2,005,168; June 18.
- Rose, George L., Denver, Colo., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner. 1,992,238; Feb. 26.
- Rose, George M., Jr., Orange, N. J., assignor to Radio Corporation of America. Electron discharge device. 1,991,174; Feb. 12.
- Rose, Harry, Minneapolis, Minn. Heating apparatus for automotive vehicles. 1,992,130; Feb. 19.
- Rose, Harry, Plymouth, Ind. Heating apparatus for automotive vehicles. 2,018,900; Oct. 29.

- Rose, Henry, Haddonfield, N. J. Applying mechanically thin metallic sheets to various surfaces. 2,009,003; July 23.
- Rose, Herbert A. (See West, D. C., and Rose.)
- Rose, Herbert A., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic circuit breaker. 1,994,921; Mar. 19.
- Rose, Herbert A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Treating-out transformer. 2,003,011; May 28.
- Rose, Herbert A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Filter system for mercury-arc rectifiers. 2,015,534; Sept. 24.
- Rose, Herbert A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical conversion system. 2,023,100; Dec. 3.
- Rose, Herbert A., Pittsburgh, and A. J. Maslin Sharon, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current regulator. 2,024,746; Dec. 17.
- Rose, Jay, Brooklyn, N. Y., assignor to Marvel Casement Screen Co. Inc. Casement and other window screen. 1,990,206; Feb. 5.
- Rose, John J., Dayton, Ohio. Lubricant rubbing block for electrical circuit interrupters. 2,007,217; July 9.
- Rose Label Machine Company. (See Rosenthal, Arthur, assignor.)
- Rose Patch & Label Company, The. (See Rosenthal, Arthur, assignor.)
- Rose Patch & Label Company, The. (See Shaver, Carl W., assignor.)
- Rose, Sheila, New York, N. Y. Combined bird food container cover and tray. 1,990,712; Feb. 12.
- Rose, William H., Jersey City, N. J. Siphon device. 2,002,835; May 28.
- Rose, William K., New York, N. Y. Airplane. 2,003,223; May 28.
- Roseberry, Thayer M., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Brake drum. 2,008,040; July 16.
- Rosebro, William W., et al. (See Parker, Claude E., assignor.)
- Rosebrook, Guy L., Cranbury Lake, N. J., assignor to Standard Oil Development Company. Wheel scrubbing apparatus. 2,025,780; Dec. 31.
- Rosebrook, Homer E. (See Touborg, J., and Rosebrook.)
- Rosebrook, Homer E., Greenville, Mich., assignor to Gibson Electric Refrigerator Corp. Refrigerating apparatus. 2,009,975; July 30.
- Rosecrans, Crandall Z., assignor to Leeds & Northrup Company, Philadelphia, Pa. Measuring system. 1,993,707; Mar. 5.
- Roselle, Walter A., New York, N. Y. Collapsible tube construction. 2,002,718; May 28.
- Roselund, John B. (See Cotton, C. H., and Roselund.)
- Rosengqvist, Gunnar, Oakmont, Pa. Composite matrix for printing plates. 1,997,875; Apr. 16.
- Rosen, Joseph, Brooklyn, assignor to Peer Electric Co. Inc. Long Island City, N. Y. Electrical switch. 2,005,207; June 18.
- Rosen, Joseph J., Davenport, Iowa. Moisture condenser for compressed air. 2,015,288; Sept. 24.
- Rosen, Shy, Bloomington, Ill., assignor to Milprint Products Corporation, Milwaukee, Wis. Glue transferring device. 1,992,636; Feb. 26.
- Rosen, Shy, Flushing, N. Y., assignor to Milprint Products Corporation, Milwaukee, Wis. Commodity wrapper. 2,007,003; July 2.
- Rosenbaum, Ike, Mount Vernon, Ind. Lens holder. 2,014,747; Sept. 17.
- Rosenbaum, Joel, West Orange, N. J. Plug fuse with a replaceable fuse link. 2,003,792; June 4.
- Rosenberg, Abraham, Brooklyn, N. Y. Mothball container and garment hanger combined. 1,986,119; Jan. 1.
- Rosenberg, Abraham, Brooklyn, N. Y. Semielastic braced tie. 2,024,704; Dec. 17.
- Rosenberg, Aron H., Vienna, Austria. Recovering silk from knit goods. 1,992,396; Feb. 26.
- Rosenberg Bros. & Co. (See Bartlett, Harold W., assignor.)
- Rosenberg, George, New Rochelle, N. Y. Compact or vanity case. 1,989,155; Jan. 29.
- Rosenberg, George, and L. Spiselman, New York, N. Y. Picture frame. 1,993,947; Mar. 12.
- Rosenberg, Heyman, New York, N. Y. Treating metal work. 2,014,295; Sept. 10.
- Rosenberg, Heyman, New York, N. Y. Apparatus for and art of treatment of metal work. 2,014,296; Sept. 10.
- Rosenberg, Heyman, New York, N. Y. Bottle tap. 2,015,158; Sept. 24.
- Rosenberg, Heyman, New York, N. Y. Fastener. 2,015,159; Sept. 24.
- Rosenberg, Isidore B., Port Chester, and I. Fleer, New York, N. Y. Cutting tool. 1,990,310; Feb. 5.
- Rosenberg, Jacob E., Pittsburgh, Pa., assignor to The O. Hommel Company. Enamel ware. 2,022,434; Nov. 26.
- Rosenberg, Kurt, Berlin, Germany, assignor to Reklamaktiebolaget Epok, Stockholm, Sweden. Control device for incandescent lamp cinematographic apparatus. 2,026,437; Dec. 31.
- Rosenberg, May, West Hartford, Conn. Treating tobacco. 1,988,515; Jan. 22.
- Rosenberg, Philip. (See Wiedeman, Oscar, assignor.)
- Rosenberg, Ralph H., Detroit, Mich., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle construction. 2,007,134; July 2.
- Rosenberg, Ruby H., Kansas City, Mo. Combination garment. 1,993,568; Mar. 5.
- Rosenberger, William A., assignor to Pangborn Corporation, Hagerstown, Md. Protecting hood. 1,999,639; Apr. 30.
- Rosenberger, William A., Hagerstown, Md., assignor to Pangborn Corporation. Surfacing apparatus. 2,011,984; Aug. 20.
- Rosenberger, William A., assignor to Pangborn Corporation, Hagerstown, Md. Flow control mechanism. 2,025,247; Dec. 24.
- Rosenberry, Homer R., Euclid, assignor to The Simmons Manufacturing Company, Cleveland, Ohio. Clamping device for individual wheel suspension units. 2,024,587; Dec. 17.
- Rosenberry, Homer R., and R. P., Cleveland, Ohio, assignors to C. W. Brand, Cleveland, Ohio. Hydraulic jack. 2,010,679; Aug. 6.
- Rosenberry, Ray P. (See Rosenberry, Homer, and R. P.)
- Rosenblad, Curt, Stockholm, Sweden. Controlling device for heating systems. 1,993,685; Mar. 5.
- Rosenblad, Curt E., assignor to Aktiebolaget Rosenblads Patent, Sodertalje, Sweden. Heat exchange apparatus made of sheet metal. 2,011,201; Aug. 13.
- Rosenblatt, Irving S., San Francisco, Calif. Package wrapper. 2,005,351; June 18.
- Rosenblatt, Maurice C., Philadelphia, Pa. Building construction. 2,002,510; May 28.
- Rosenblatt, Maurice C., Philadelphia, Pa. Building construction. 2,017,548; Oct. 15.
- Rosenblum, Charles, assignor to Krischer's Manufacturing Company, Brooklyn, N. Y. Belt buckle. 1,995,749; Mar. 26.
- Rosenblum, Charles, assignor to Krischer's Manufacturing Company, Brooklyn, N. Y. Badge. 1,999,786; Apr. 30.
- Rosenblum, Israel, Jackson Heights, N. Y. Mixed ester resin. 2,004,880; June 11.
- Rosenblum, Israel, Jackson Heights, N. Y. Pretreated natural resin and utilizing the same. 2,007,983; July 16.
- Rosenbraugh, Wilson F., H. J. Tait, and V. Wince, Newark, Ohio, assignors to Holophane Company, Inc., New York, N. Y. Luminair. 2,011,118; Aug. 13.
- Rosenbusch, Richard, and G. Reverey, Steglitz, near Berlin, Germany. Producing powdered phosphatide preparations. 1,988,050; Jan. 15.
- Rosendahl, Nils M., assignor to Universal Crusher Company, Cedar Rapids, Iowa. Conveyor. 2,014,636; Sept. 17.
- Rosener, Leland S., assignor to The Paraffine Companies, Inc., San Francisco, Calif. Coupling. 1,995,014; Mar. 19.
- Rosener, Leland S., assignor to The Paraffine Companies, Inc., San Francisco, Calif. Pipe wrapping machine. 1,998,909; Apr. 23.
- Rosener, Leland S., assignor to The Paraffine Companies, Inc., San Francisco, Calif. Pipe wrapping machine. 1,998,910; Apr. 23.
- Rosener, Leland S., assignor to The Paraffine Companies, Inc., San Francisco, Calif. Pipe wrapping machine. 1,998,911; Apr. 23.
- Rosener, Leland S., and E. Birk, assignors to The Paraffine Companies, Inc., San Francisco, Calif. Pipe wrapping machine. 1,998,908; Apr. 23.
- Rosenfeld, Isidor, New York, N. Y. Combined undergarment and abdominal support. 2,023,701; Dec. 10.
- Rosenfeld, Hermann, Mannheim, Germany. Creping of paper in the longitudinal direction. 1,986,070; Jan. 1.
- Rosenfeld, Maurice, Brooklyn, N. Y. Bag closure. 1,997,395; Apr. 9.
- Rosenfeld, Maurice, Brooklyn, N. Y. Bag construction. 2,023,855; Dec. 10.
- Rosenfeld, Salomon, Garches, France. Mattressing. 2,024,307; Dec. 17.
- Rosengarten, Mitchell G., Philadelphia, Pa. Golf practice device. 2,011,014; Aug. 13.
- Rosenhauer, Erich. (See Lübbert, W., and Rosenhauer.)
- Rosenmund, Alfred L., Rockaway Borough, N. J., assignor to Stapling Machines Co. Wire spooling machine. 1,987,079; Jan. 8.
- Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Shipping container. 2,022,980; Dec. 3.
- Rosenmund, Alfred L., Rockaway, and G. P. Igleheart, Boonton, N. J., assignors to Stapling Machines Co. Staple forming mechanism. 1,994,255; Mar. 12.
- Rosenmund, Alfred L., Rockaway, and G. P. Igleheart, Boonton, N. J., assignors to Stapling Machines Co. Machine for equipping wired box parts with fastening means. 2,024,188; Dec. 17.
- Rosenmund, Karl W., and F. Kütz, Kiel, Germany. Aliphatic-aromatic amine and making same. 2,006,114; June 25.
- Rosengqvist, Viktor, Bryn Athyn, Pa. Cooling system for engines. 2,016,179; Oct. 1.
- Rosenstein, Ludwig. (See Hund, W. J., and Rosenstein.)
- Rosenstein, Ludwig, assignor to Shell Development Company, San Francisco, Calif. Heat transmission. 2,006,411; July 2.
- Rosenstein, Ludwig, assignor to Shell Development Company, San Francisco, Calif. Production of nitrates from metal halides. 2,007,478; July 9.
- Rosenstein, Ludwig, assignor to Shell Development Company, San Francisco, Calif. Preparation of xanthates. 2,011,302; Aug. 13.

- Rosenstein, Ludwig, and W. J. Hund, San Francisco, Calif. Ester of dihydric and polyhydric alcohols. 2,013,318; Sept. 3.
- Rosenstein, Sidney K. (See Guth, Arthur R., assignor.)
- Rosenthal, Arthur, assignor to The Rose Patch & Label Company, Grand Rapids, Mich. Feeding means for printing presses. 1,987,872; Jan. 15.
- Rosenthal, Arthur, assignor to Rose Label Machine Company, Grand Rapids, Mich. Presser foot, work holder, and actuating means therefor for sewing machines. 1,998,885; Apr. 23.
- Rosenthal, Arthur, assignor to The Rose Patch & Label Company, Grand Rapids, Mich. Sheet sorting means. 2,013,220; Sept. 3.
- Rosenthal, Arthur, assignor to The Rose Patch & Label Company, Grand Rapids, Mich. Feeding webs of paper to printing presses. 2,020,124; Nov. 5.
- Rosenthal, Dunbar A. (See Winter, C. P., and Rosenthal.)
- Rosenthal, Frank, San Andreas, Calif. Blasting cap. 2,005,957; June 25.
- Rosenthal, Henry. (See Odell, William W., assignor.)
- Rosenthal, Lazarus, Pittsburgh, Pa. Arch support. 2,021,467; Nov. 19.
- Rosenthal, Leo. (See Orthner, L., Becker, and Rosenthal.)
- Rosenthal, Leon W. (See Hehre, Frederick W., assignor.)
- Rosenthal, Leon W., New York, N. Y. Toy railway apparatus. 1,987,271; Jan. 8.
- Rosenthal, Leon W., New York, N. Y. Electric motor reverser, especially adapted for reversing toy electric locomotives. 1,997,748; Apr. 16.
- Rosenthal, Leon W., and A. and F. R. Frederick, New York, N. Y., said A. Frederick and said F. R. Frederick assignors to said Rosenthal. Toy electric locomotive. 1,988,089; Jan. 15.
- Rosenthal, William, assignor to Maiden Form Brassiere Co., Inc., New York, N. Y. Making brassieres. 1,988,516; Jan. 22.
- Rosenthal, William, assignor to Maiden Form Brassiere Co., Inc., New York, N. Y. Making brassieres. 1,988,517; Jan. 22.
- Rosenthal, William, assignor to Maiden Form Brassiere Co., Inc., New York, N. Y. Brassiere. 2,013,110; Sept. 3.
- Rosenthal, William C. (See Panzgrau, N. O., and Rosenthal.)
- Rosenzweig, Salo, Vienna, Austria. Gualacol compounds and the production thereof. 2,023,551; Dec. 10.
- Rosenzweig, Siegfried, Long Island City, N. Y. Vibration damper. 1,998,206; Apr. 16.
- Roser, Heinrich, Stuttgart-Cannstatt, Germany, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Continuous mixer for dough and the like substances. 1,991,959; Feb. 19.
- Roser, Heinrich, Stuttgart-Cannstatt, Germany, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Continuous mixer for dough and the like substances. 1,993,528; Mar. 5.
- Roser, Heinrich, Stuttgart-Cannstatt, Germany, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Continuous mixer for dough and the like substances. 1,993,529; Mar. 5.
- Rosett, Walter, Oakcrest, Va., and F. R. Bichowsky, Washington, D. C. Recovering lithium from its ores. 2,020,854; Nov. 12.
- Rosgen, John F. (See Hughes, Forest F., assignor.)
- Roshong, Joseph M., Canton, assignor to Tyson Roller Bearing Corporation, Massillon, Ohio. Antifriction bearing. 2,018,421; Oct. 22.
- Rosier, Charles A., New York, N. Y. Carburetor. 2,003,313; June 4.
- Rosier, Charles A., New York, N. Y. Electrical carburetor. 2,014,396; Sept. 17.
- Rosin, Edwin A., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting machine. 1,998,968; Apr. 23.
- Rosin, Edwin A., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting apparatus. 2,022,739; Dec. 3.
- Rosin, Edwin A., and A. H. Stebbins, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass inspection apparatus. 2,015,730; Oct. 1.
- Rosinsky, Walter. (See Zorn, H., Hofmann, and Rosinsky.)
- Rosmalt, John A., Manistee, Mich. Apparatus for producing color effect in paper. 1,996,832; Apr. 9.
- Rosmalt, John A., Manistee, Mich. Laminated bearing and manufacturing same. 2,025,830; Dec. 31.
- Rosnell, John E. (See Detwiler, J. G., Heisig, Rosnell, and Hall.)
- Rosner, Adolph, assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,986,535; Jan. 1.
- Rosner, Adolph, assignor to Bendix Brake Company, South Bend, Ind. Metal working process. 2,009,206; July 23.
- Rosner, Adolph, assignor to Bendix Brake Company, South Bend, Ind. Friction material. 2,009,207; July 23.
- Rosner, Adolph, Rockton, Ill., assignor, by mesne assignments, to Bendix Brake Corporation, South Bend, Ind. Formation of cables. 2,009,208; July 23.
- Rosner, Adolph, Rockton, Ill., assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind. Manufacture of brake shoes and the like. 2,015,763; Oct. 1.
- Ross, Albert S., Ada, Okla. Rubber band gun. 2,001,267; May 14.
- Ross, Aubrey A., Marblehead, Mass., assignor to General Electric Company. Railway truck. 1,987,419; Jan. 8.
- Ross, Carroll A., Piqua, Ohio. Convertible fabric article. 1,992,772; Feb. 26.
- Ross, Charles E. (See Perks, T. E., and Ross.)
- Ross, Charles H. A. F. L., Washington, D. C. Pyrometer. 2,019,695; Nov. 5.
- Ross, Cleland C. (See Anstice, M. R., and Ross.)
- Ross, Clyde P., Kenilworth, assignor to Ross and White Company, Chicago, Ill. Car washing machine. 1,988,665; Jan. 22.
- Ross, David E., assignor to Rostone, Incorporated, Lafayette, Ind. Metal building construction. 1,986,980; Jan. 8.
- Ross, David E., assignor to Rostone, Incorporated, Lafayette, Ind. Fastening metal shapes. 1,986,981; Jan. 8.
- Ross, David E., assignor to Rostone, Incorporated, Lafayette, Ind. Warm air furnace. 1,996,349; Apr. 2.
- Ross, David H., Long Beach, Calif. Oil filter. 2,007,615; July 9.
- Ross, Elliott P., Forest Hills, and J. V. Lawrence, Astoria, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Lightwell. 1,994,898; Mar. 19.
- Ross, Elmer R., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Power transmission device. 1,998,172; Apr. 16.
- Ross, Frederick N., Detroit, Mich. Ventilator. 1,988,810; Jan. 22.
- Ross, Frederick N., Detroit, Mich. Ventilator structure. 2,011,419; Aug. 13.
- Ross, Frederick N., assignor to Briggs Manufacturing Company, Detroit, Mich. Upholstery forming machine. 1,987,270; Jan. 8.
- Ross, George H., Brooklyn, N. Y. Pneumatic carrier. 2,004,134; June 11.
- Ross Heater & Manufacturing Company. (See Graham, Harold M., assignor.)
- Ross, Herbert O., St. Louis, Mo. Sectional index or record. 1,986,015; Jan. 1.
- Ross, Ira G. (See McNeil, W. M., Ross, and Manske.)
- Ross, Ira G., Chicago, and B. T. Ballard, Lombard, assignors to United States Gypsum Company, Chicago, Ill. Apparatus for measuring vibration. 2,021,330; Nov. 19.
- Ross, Ira G., and W. M. McNeil, assignors to United States Gypsum Company, Chicago, Ill. Resilient railway track construction. 2,024,114; Dec. 10.
- Ross, J. D. (See Lord, Edward E., assignor.)
- Ross, J. O., Engineering Corporation. (See Byron, Ralph, assignor.)
- Ross, James W., Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Leer loader. 2,001,332; May 14.
- Ross, James W., Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Pneumatic glass feeder. 2,009,017; July 23.
- Ross, John, Michigan City, Ind., assignor to Sullivan Machinery Company. Cutter chain. 2,020,215; Nov. 5.
- Ross, John D., Brewer, Maine. Rotary atomizer and gas mixer. 2,015,871; Oct. 1.
- Ross, Leonard E., Dallas, Tex. Grinding machine. 2,021,024; Nov. 12.
- Ross, Nathan, Los Angeles, Calif. Fabric cutter. 1,991,121; Feb. 12.
- Ross, Norman S., Glen Ellyn, Ill., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Package. 1,994,923; Mar. 19.
- Ross, Oscar A., New York, N. Y. Motion picture theater and apparatus therefor. 1,990,764; Feb. 12.
- Ross, Oscar A., New York, N. Y. Apparatus for printing sound motion picture films. 1,991,630; Feb. 19.
- Ross, Oscar A., New York, N. Y. Window lock. 1,998,689; Apr. 23.
- Ross, Oscar A., New York, N. Y. Internal combustion motor carburation apparatus and system of control therefor. 2,000,098; May 7.
- Ross, Oscar A., New York, N. Y. Method and apparatus for forming sound motion picture records. 2,002,188; May 21.
- Ross, Oscar A., New York, N. Y. Scanning and apparatus therefor. 2,002,678; May 28.
- Ross, Oscar A., New York, N. Y. Paper fastener. 2,003,554; June 4.
- Ross, Oscar A., New York, N. Y. Carburetor. 2,010,563; Aug. 6.
- Ross, Oscar A., New York, assignor to General Railway Signal Company, Rochester, N. Y. Magnetic car retarder. 1,990,799; Feb. 12.
- Ross, Stanley D., Vancouver, British Columbia, Canada. Carburetor. 2,011,912; Aug. 20.
- Ross-Tacony Crucible Company. (See Buck, Kenneth E., assignor.)
- Ross and White Company. (See Ross, Clyde P., assignor.)
- Ross, William. (See Harding, E. A., and Ross.)
- Ross, William A., Springfield, Ill. Brake testing mechanism. 1,999,947; Apr. 30.
- Ross, William J., Tarrant, Ala. Portable hoist. 2,005,030; June 18.
- Rossetti, Louis. (See Basil, J., and Rossetti.)
- Rossi, Harry, assignor to Robert Gair Company, Inc., New York, N. Y. Knockdown tilting display container. 1,993,383; Mar. 5.
- Rossi, Pasquale, New York, N. Y., assignor of one-half to A. Petrocelli, Hoboken, N. J. Baggage carrier. 2,002,836; May 28.

- Rossiter, Edwin R., Sydney, New South Wales, Australia. Facilitating the removal of lids from the bodies of tins and the like. 2,008,798; July 23.
- Rossman, Allen M., Wilmette, Ill., assignor to Rossman Engineering Company. System and method of regulation. 2,008,562; July 16.
- Rossman, Allen M., Chicago, Ill., assignor to Rossman, Sargent & Lundy Patents Corporation. Metal clad switch gear. 2,022,870; Dec. 3.
- Rossman, Allen M., Wilmette, assignor to Rossman Engineering Company, Chicago, Ill. Kiln and heating furnace. 2,026,066; Dec. 31.
- Rossman, Edwin F. (See Kindl, C. H., and Rossman.)
- Rossman, Edwin F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorber. 1,989,498; Jan. 29.
- Rossman, Edwin F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorber. 2,004,539; June 11.
- Rossman, Edwin F., and C. H. Kindl, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorber. 1,995,901; Mar. 26.
- Rossman Engineering Company. (See Rossman, Allen M., assignor.)
- Rossman, Jess, Kansas City, Mo. Drain strainer. 2,024,475; Dec. 17.
- Rossman, Rudolf, Gauting, near Munich, Germany, assignor to the firm Tefag Textil-Finanz A.-G., Zurich, Switzerland. Loom for weaving. 2,013,505; Sept. 3.
- Rossman, Sargent & Lundy Patents Corporation. (See Rossman, Allen M., assignor.)
- Rossmann, Peter F., assignor, by mesne assignments, to R. C. Russell, Detroit, Mich. Clutch structure. 2,008,967; July 23.
- Rossner, Ernst. (See Fink, H., and Rossner.)
- Rössner, Heinrich. (See Steindorff, A., Rössner, and Pfaff.)
- Rost, Helge, Mexico City, Mexico. High tension insulator. 1,991,700; Feb. 19.
- Rost, William H., Pasadena, assignor to National Postal Meter Company, Los Angeles, Calif. Printing machine. 2,017,920; Oct. 22.
- Rostkowski, Paul, Sparrows Point, Md. Shoemaking stand. 1,990,418; Feb. 5.
- Rostoker, Louis, Toronto, Ontario, Canada. Vibration damper. 1,995,190; Mar. 19.
- Rostone, Incorporated. (See Jones, Paul W., assignor.)
- Rostone, Incorporated. (See Ross, David E., assignor.)
- Rotary Knit-Weave Looms Limited. (See Bedell, Henry G., assignor.)
- Rotary Printing Company, The. (See Hepp, Clarence M., assignor.)
- Rotary Printing Company, The. (See Nicholas, Herbert T., assignor.)
- Rotary Seal Company. (See Gilman, George P., assignor.)
- Rotary Steel Company. (See Naugle, H. M., and Townsend, assignors.)
- Roth, Arthur E., Prairie du Chien, Wis. Target trap. 2,025,903; Dec. 31.
- Roth, Carl, Astoria, assignor to H. N. Oetjen, New York, N. Y. Butter-chip machine. 2,023,291; Dec. 3.
- Roth, Chester H., New York, N. Y. Hosiery. 2,000,615; May 7.
- Roth, Harris C., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake indicating device. 2,015,731; Oct. 1.
- Roth, Henry J., et al. (See Roth, William A., assignor.)
- Roth, Henry M., Troy, Ohio. Shelter. 2,006,655; July 2.
- Roth, Isidor, New York, N. Y. Combination corset and brassiere. 2,019,996; Nov. 5.
- Roth, Joseph L., Wheeling, W. Va. Regulating apparatus. 2,018,035; Oct. 22.
- Roth, Otto, Tempelhof, Berlin, Germany, assignor to Gillette Safety Razor Company, Boston, Mass. Manufacture of safety razor blades. 1,989,886; Feb. 5.
- Roth Rubber Company. (See Flemming, Charles F., assignor.)
- Roth Silk Undergarment Co. (See Roth, Stanley, assignor.)
- Roth, Stanley, assignor to Roth Silk Undergarment Co., Inc., New York, N. Y. Lady's undergarment. 2,019,545; Nov. 5.
- Roth, Stewart M., Hagerstown, Md. Power reverse gear. 2,016,727; Oct. 8.
- Roth, Willard, Mansfield, and F. X. Kerin, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Furnace. 2,023,101; Dec. 3.
- Roth, William A., St. Paul, assignor of one-eleventh to C. G. Anderson, one-eleventh to W. O. Larson, one-eleventh to W. P. Baker, South St. Paul, one-eleventh to M. O. Larson, one-eleventh to R. B. Lind, one-eleventh to A. Ostrom, one-eleventh to T. F. Poole, two-elevenths to J. Volkes, St. Paul, and one-eleventh to H. J. Roth, New London, Minn. Lighting airways. 1,994,535; Mar. 19.
- Rothammel, Erich, Pforzheim, Germany, assignor to the firm Sulfurit S. A., Basel, Switzerland. Apparatus for the manufacture of sulphuric acid. 2,006,031; June 25.
- Rothblum, Benjamin, New York, N. Y. Lady's bathing suit. 1,990,567; Feb. 12.
- Rothchild, Aaron, New York, N. Y. Ventilated hat. 1,990,096; Feb. 5.
- Rothchild, Lester, and R. T. Anderson, Denver, Colo.; said Anderson assignor to said Rothchild. Dispensing attachment for containers. 2,004,295; June 11.
- Rothe, Franz, Dresden, Germany. Spraying and squirting device. 2,014,671; Sept. 17.
- Rothe, Horst, and R. Rzehulka, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,014,781; Sept. 17.
- Rothen, Charles J., New York, N. Y. Game device. 2,001,500; May 14.
- Rothenberg, E. (See Hirche, Willy, assignor.)
- Rothenberger, James H. (See De Lancey, R. W., and Rothenberger.)
- Rothenbuecher, Joseph. (See Reuter, J., and Rothenbuecher.)
- Rothenstein, Otto, Chicago, Ill. Structural element. 2,002,044; May 21.
- Rother, Franz, Paris, France. Production of suppression layer photocells. 2,019,096; Oct. 29.
- Rother, Franz, Paris, France, assignor to Rodalite Company, Inc., New York, N. Y. Gas filled electric lamp. 2,018,974; Oct. 29.
- Rother, Paul, and G. Grau, Chemnitz, Germany. Determination of the percentage of water in wood, textiles, and other substances. 2,017,376; Oct. 15.
- Rothfield, Charles W., Philadelphia, Pa. Food preparing device. 2,005,395; June 18.
- Rothgarn, Andrew E., assignor to S. C. Clow, Minneapolis, Minn. Separating materials of different specific gravity. 1,987,640; Jan. 15.
- Rothholz, Louis, New York, N. Y. Safety poison bottle and stopper. 1,998,253; Apr. 16.
- Rothman, Abraham J., New York, N. Y. Document protector. 2,017,921; Oct. 22.
- Rothman, Nat. (See Rubin, H., Casper, and Rothman.)
- Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of polyhydric alcohols. 2,004,135; June 11.
- Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical compound and preparing the same. 2,010,828; Aug. 13.
- Rothrock, Ralph K. (See Thurber, Edward J., assignor.)
- Rothschild, Walter L., New Rochelle, N. Y. Game. 2,011,163; Aug. 13.
- Rothstein, Isidore. (See Yanchus, Edward L., assignor.)
- Rothstein, Joseph H. (See Schwartz, H. I., and Rothstein.)
- Rothweiler, Edward B., assignor to Surety Products Company, St. Louis, Mo. Machine and method for making piston rings. 2,022,154; Nov. 26.
- Rothwell, John J., Jr., Flushing, and L. M. Stuart, Brooklyn, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Variable speed mechanism. 2,002,585; May 28.
- Rothwell, T. F. (See Turner, Hallie E., assignor.)
- Rottmann, Alexander G., London, England. Caisson. 2,010,199; Aug. 6.
- Rotorite Corporation. (See Denny, James H., assignor.)
- Rotter Laszio, Berlin, Germany, assignor to Radio Corporation of America. Selector circuit. 1,992,445; Feb. 26.
- Rotter, Max, Milwaukee, Wis., assignor to Busch-Sulzer Bros.-Diesel Engine Company, St. Louis, Mo. Two-cycle engine regulation. 1,991,869; Feb. 19.
- Rottersmann, Henry, Webster Groves, Mo. Baking oven. 2,012,549; Aug. 27.
- Rottler, Clarence T., Seattle, Wash. Sharpening tool. 1,997,183; Apr. 9.
- Rottler, Clarence T., Seattle, Wash. Boring bar drive means. 2,011,875; Aug. 20.
- Rottman, George, New York, N. Y. Moth bag. 2,022,941; Dec. 3.
- Rottmann, Fritz, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany. Control apparatus for use with liquid receivers and the like. 1,997,121; Apr. 9.
- Rottum, Charles, assignor of one-third to D. M. Carter, Chicago, Ill. Coffeepot. 2,008,156; July 16.
- Roualet, André, assignor to Chrysler Corporation, Detroit, Mich. Carburetor construction. 2,008,041; July 16.
- Rouch, Everett W., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulically actuated ironing machine. 2,011,689; Aug. 20.
- Round, Henry J., London, England, assignor to Radio Corporation of America. Acoustic device. 2,002,190; May 21.
- Round, Henry J., London, England, assignor to Radio Corporation of America. Aerial. 2,005,805; June 25.
- Round, Henry J., London, and N. M. Rust, Chelmsford, England, assignors to Radio Corporation of America. Acoustic device. 2,002,189; May 21.
- Rounds, Washington G., Medford, Mass. Permanently flattening photographic prints. 1,987,246; Jan. 8.
- Rourke, Michael H. (See Riddock, Charles M., assignor.)
- Rous, Bernard, Brooklyn, N. Y. Liner for containers. 2,013,175; Sept. 3.
- Rous, Eva L. (See Fournier, George H., assignor.)
- Rouse, Howard, Lewiston, Idaho. Surgical fracture extension appliance. 2,002,021; May 21.
- Rouse, Williams T., Arlington, Tex. Combination aileron and wing flap. 1,999,528; Apr. 30.
- Routery, Francis T., Kingsway, Lambton Mills, Ontario, Canada. Switch mechanism for direction indicators. 1,991,960; Feb. 19.

- Routery, Francis T., Kingsway, Lambton Mills, Ontario, Canada. Switch mechanism for direction indicators for motor vehicles. 2,016,908; Oct. 8.
- Routh, Arthur F. (See Seidman, S. H., and Routh.)
- Roux, Erwin, assignor to Askania-Werke Aktiengesellschaft, Berlin-Friedenau, Germany. Magnetic balance. 2,010,245; Aug. 6.
- Rovinsky, Cosmos W., Menominee, Mich. Electrical insect exterminator. 1,986,361; Jan. 1.
- Rovo A.-G. (See Koch, Erich, assignor.)
- Row, Daniel A., Richmond, Ind. Coal cubing machine. 2,007,771; July 9.
- Rowan, Alfred P., assignor to Elder Manufacturing Company, St. Louis, Mo. Men's and boy's outer shirt. 2,011,325; Aug. 13.
- Rowan, William W., Elderslie, Scotland. Seed removing and pulp compressing machine for fruits. 2,010,467; Aug. 6.
- Rowe, Alvin V., Galesburg, Ill. Bale tie. 2,004,732; June 11.
- Rowe, Alvin V., Galesburg, Ill. Bale tie. 2,005,472; June 18.
- Rowe, Andrew R., Midland, Pa. Casting metal ingots. 2,005,169; June 18.
- Rowe, Clement J., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Seal for refrigerating apparatus. 2,010,930; Aug. 13.
- Rowe, Donald C. (See Flader, F. E., and Rowe.)
- Rowe, Ellis L., Round Lake, and S. Taylor, assignor to Rensselaer Valve Company, Cohoes, N. Y. Check valve operating device. 2,001,941; May 21.
- Rowe, Emmett A., Oakland, Calif. Oven protector. 2,003,555; June 4.
- Rowe, Eugene A., San Francisco, S. H. Edwards and F. N. Fossati, Richmond, Calif., assignors to Standard Oil Company of California, San Francisco, Calif. Apparatus for annealing. 2,006,001; June 25.
- Rowe, Eugene A., Seattle, Wash., and P. M. Forster, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Burner. 1,991,418; Feb. 19.
- Rowe, George E., Wethersfield, Conn., assignor to Hartford-Empire Company. Safety device for glassware forming machines. 1,995,653; Mar. 26.
- Rowe, George E., Wethersfield, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for forming hollow glass articles. 2,011,187; Aug. 13.
- Rowe, George E., Wethersfield, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Mold operating mechanism for glassware forming machines. 2,011,188; Aug. 13.
- Rowe, Horace N., assignor to Fox Sound Equipment Corporation, Toledo, Ohio. Electrodynamical speaker unit. 2,025,127; Dec. 24.
- Rowe, Irving R., assignor to The Atwood Machine Company, Stonington, Conn. Spool support and lifter. 2,026,067; Dec. 31.
- Rowe, Norman L., 3d. (See Brace, K. P., and Rowe.)
- Rowe, Victor C., Roundup, Mont. Self lighting cigarette. 2,004,394; June 11.
- Rowe, William H., New York, N. Y. Coin controlled vending machine. 2,008,926; July 23.
- Rowe, William H., Cliffondale, Mass., assignor to General Electric Company. Lamp socket. 2,016,121; Oct. 1.
- Rowe, William L., assignor to Johns-Manville Corporation, New York, N. Y. Roof and elements for the construction thereof. 2,015,020; Sept. 17.
- Rowell, E. N. Co. (See Acker, George J., assignor.)
- Rowell, George S., Cleveland, Ohio, assignor to Multigraph Company, Wilmington, Del. Preserving colloid films. 1,992,965; Mar. 5.
- Rowell, George S., Cleveland, Ohio, assignor to Multigraph Company, Wilmington, Del. Dampening method and means for planographic printing. 1,992,966; Mar. 5.
- Rowell, George S., Cleveland, Ohio, assignor to Multigraph Company, Wilmington, Del. Preparing printing surfaces. 2,016,517; Oct. 8.
- Rowell, Ira W., Hermansville, Mich. Air conditioning device. 2,022,740; Dec. 3.
- Rowen, Robert W. (See Baird, D., and Rowen.)
- Rowen, Thomas C. (See Elliott, H. D., and Rowen.)
- Rowen, Thomas C., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Folding sheet material. 2,014,453; Sept. 17.
- Rowland, Annie G., executrix. (See Osborne, S. G., and Rowland.)
- Rowland, Dwight P. (See Summerlee, J. A., and Rowland.)
- Rowland, Herman H., New York, N. Y. Stocking protector. 1,999,577; Apr. 30.
- Rowland, James V. (See Kiel, Clemens A., assignor.)
- Rowland, Jasper M. (See Osborne, S. G., and Rowland.)
- Rowland, William L., Mosier, Oreg. Valve for spray guns. 2,026,191; Dec. 31.
- Rowley, Arthur A., Hamden, assignor to Winchester Repeating Arms Company, New Haven, Conn. Take-down firearm. 1,996,124; Apr. 2.
- Rowley, Arthur C., Drexel Hill, assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Sprinkler head for fire-extinguishing systems. 2,004,833; June 11.
- Rowley, Van C., Pawtucket, R. I. Hoisting mechanism. 2,014,910; Sept. 17.
- Rowley, William S., Philadelphia, Pa. Medical truss and making same. 1,992,397; Feb. 26.
- Rowntree, Harold, Winterhaven, Fla., assignor to National Pneumatic Company, New York, N. Y. Multiple unit treadle door control apparatus. 2,011,652; Aug. 20.
- Rowse, Frank J., Pawtucket, R. I. Coin operated vending machine. 1,987,641; Jan. 15.
- Rowton, John L., Aberdeen, Scotland. Fish-dressing machine. 2,026,251; Dec. 31.
- Roxalin Flexible Lacquer Company. (See Dorian, M. A., and Room, assignors.)
- Rox Supply Co. (See Cox, Walter, assignor.)
- Rox Supply Co. (See Cox, W., and Pearson, assignors.)
- Roxon Limited. (See Jones, Andrew V., assignor.)
- Roy, Edmond O., assignor to Franklin Needle Company, Franklin, N. H. Jack for knitting machine needles. 2,004,617; June 11.
- Roy, Ernest R., Bound Brook, N. J. Automatic packing. 1,992,967; Mar. 5.
- Roy, John B., assignor to Clark Metal Products, Inc., Bridgeport, Conn. Feeding hopper for irregular shaped articles. 2,006,965; July 2.
- Roy, Michael B., Bridgeport, Conn. Defroster. 2,024,878; Dec. 17.
- Royal Baking Powder Company. (See Carter, Gilbert, assignor.)
- Royal Baking Powder Company. (See Stokes, W. E., and Silver, assignors.)
- Royal Electric Company. (See Goodwin, George R., assignor.)
- Royal Electric Company. (See Miller, A., and Goodwin, assignors.)
- Royal Railway Improvements Corporation. (See Sauvage, William H., assignor.)
- Royal, Thomas M., Philadelphia, Pa. Manufacture of bags. 1,988,462; Jan. 22.
- Royal, Thomas M., Philadelphia, Pa. Manufacture of bags. 2,000,989; May 14.
- Royal, Thomas M., Philadelphia, Pa. Method of making bags. 2,013,672; Sept. 10.
- Royal Typewriter Company. (See Handley, George F., assignor.)
- Royal Typewriter Company. (See Hart, Henry J., assignor.)
- Royal Typewriter Company. (See Hess, Edward B., assignor.)
- Royal Typewriter Company. (See Michelsen, William O., assignor.)
- Royal Typewriter Company. (See Myers, Lewis C., assignor.)
- Royal Typewriter Company. (See Utz, Anthony, assignor.)
- Royall, Powell. (See Mustard, Oscar J., assignor.)
- Royce, Doris, East Orange, N. J. Table. 2,004,296; June 11.
- Royce, Harvey D., Savannah, Ga., assignor to The Southern Cotton Oil Company, New Orleans, La. Producing fatty esters. 2,015,606; Sept. 24.
- Royce, Howard W., Chicago, assignor to F. B. Thacher, Chicago, Ill. Temperature control device. 2,015,289; Sept. 24.
- Royce, Howard W., assignor to F. B. Thacher, Chicago, Ill. Control apparatus for heating systems. 2,023,445; Dec. 10.
- Royer Foundry & Machine Co. (See Royer, George F., assignor.)
- Royer, George F., assignor to Royer Foundry & Machine Co., Wilkes-Barre, Pa. Screening apparatus. 2,020,800; Nov. 12.
- Royer, Georges G., Paris, France. Regulating the temperature in explosion motors. 1,996,881; Apr. 9.
- Royle, James, Elwood, Victoria, Australia. Box formed of stiff paper, cardboard, or the like. 1,995,820; Mar. 26.
- Royle, Vernon, Paterson, N. J. Lining and beveling machine. 1,986,602; Jan. 1.
- Royle, Vernon E., Paterson, N. J. Extruding machine. 1,993,384; Mar. 5.
- Royle, Vernon, Paterson, N. J. Apparatus for applying talc, soapstone, or the like, to insulated wire or rubber tubing. 1,995,720; Mar. 26.
- Royse, Grover C., Vallejo, Calif. Converter punching apparatus. 1,999,640; Apr. 30.
- Royster, David O. (See Whelan, Paul R., assignor.)
- Royster, David O., Overland, and E. L. Reller, assignors to American-Mail-O-Press Corporation, St. Louis, Mo. Letter printing machine. 2,026,101; Dec. 31.
- Royston, Cecil G., Clay County, Mo. Stitch cutting implement. 1,986,016; Jan. 1.
- Rozek, August, New York, N. Y. Adjustable pattern. 1,986,982; Jan. 8.
- Rozema, Charles E. (See Meyercord, G. R., and Rozema.)
- Rozema, Charles E., Grand Rapids, Mich., assignor, by mesne assignments to Reconstruction Finance Corporation. Making and finishing a wood panel. 1,999,259; Apr. 30.
- Rozig, John, New York, N. Y. Furniture and automobile polish. 2,020,125; Nov. 5.
- Ruau, Felix F. (See Coffin, E., and Ruau.)
- Ruau, Felix F., Deptford, London, England. Cigarette making machinery. 2,002,045; May 21.
- Rub, Philip, Jr., Wishek, N. D. Trailer hitch. 2,012,639; Aug. 27.
- Rubber Service Laboratories Company, The. (See Bartman, Thomas W., assignor.)
- Rubber Service Laboratories Company, The. (See Christensen, Chester W., assignor.)

- Rubber Service Laboratories Company, The. (See Evans, Sylvester M., assignor.)
- Rubber Service Laboratories Company, The. (See Harman, Marion W., assignor.)
- Rubber Service Laboratories Company, The. (See North, Clayton O., assignor.)
- Rubber Service Laboratories Company, The. (See Scott, Winfield, assignor.)
- Rubber Service Laboratories Company, The. (See Sibley, Robert L., assignor.)
- Rubber Specialties Company, Incorporated. (See Tompkins, Ernest E., assignor.)
- Rubel, Abraham L., assignor to Penn Electric Switch Co., Des Moines, Iowa. Electric control apparatus for fuel burners. 2,022,826; Dec. 3.
- Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Thread controller for sewing machines. 1,988,051; Jan. 15.
- Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Feeding mechanism for sewing machines. 1,990,616; Feb. 12.
- Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Multiple needle sewing machine. 1,995,078; Mar. 19.
- Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,002,799; May 28.
- Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Edge guide for sewing machines. 2,003,470; June 4.
- Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Thread controller for sewing machines. 2,019,097; Oct. 29.
- Rubel, Charles F., Chicago, and G. Sauer, Berwyn, assignors to Union Special Machine Company, Chicago, Ill. Feeding mechanism for sewing machines. 1,995,945; Mar. 26.
- Rubel, Walter, Cincinnati, Ohio. Package wrapping machine. 2,006,480; July 2.
- Ruben, Arthur A., et al. (See Hamel, Wilhelm, assignor.)
- Ruben, Arthur A., et al. (See Ingvaldsen, J. F. I., and LeVring, assignors.)
- Ruben Rectifier Corporation. (See Ruben, Samuel, assignor.)
- Ruben, Samuel. (See Mallory, H. R., and Ruben.)
- Ruben, Samuel, New Rochelle, N. Y. Ionic amplifier. 1,989,461; Jan. 29.
- Ruben, Samuel, New Rochelle, N. Y. Ionic amplifier. 1,989,462; Jan. 29.
- Ruben, Samuel, New Rochelle, N. Y. Oscillator circuit. 1,991,175; Feb. 12.
- Ruben, Samuel, New Rochelle, N. Y. Voltaic couple. 2,001,978; May 21.
- Ruben, Samuel, New Rochelle, N. Y. Rectifier device. 2,014,239; Sept. 10.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Ruben Rectifier Corporation, Englewood, N. J. Electric current rectifier. 1,989,463; Jan. 29.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Ruben Rectifier Corporation, Englewood, N. J. Electric current rectifier. 1,989,464; Jan. 29.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Short wave length electric lamp. 2,007,924; July 9.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Surge arrester. 2,007,932; July 9.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Synchroscope. 2,007,935; July 9.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Apparatus for producing and modulating an ionic discharge. 2,007,936; July 9.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Rectifier. 2,007,937; July 9.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Thermionic amplifier. 2,007,938; July 9.
- Ruben, Samuel, New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Incandescent lamp filament therefor and apparatus for making the same. 2,018,470; Oct. 22.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Verg Manufacturing Corporation, Wilmington, Del. Electrical pyrometer resistance. 2,021,491; Nov. 19.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Electric lamp. 2,022,219; Nov. 26.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Vega Manufacturing Corporation, Wilmington, Del. Insulated wire. 2,022,827; Dec. 3.
- Rubens, Harry E. (See Graf, Emil, assignor.)
- Rubens, Harry S., Chicago, Ill. Measuring and cutting machine. 1,996,306; Apr. 2.
- Rubicon Company et al. (See Klefaber, E. W., Doerr, Whitson and Creagmile, assignors.)
- Rubin, Abraham A. (See O'Brien, R. J., and Rubin.)
- Rubin, Adolph. (See Reed, C. S., and Rubin.)
- Rubin, Harry, San Bruno, A. Casper, and N. Rothman, San Francisco, Calif., said Casper and said Rothman assignors to said Rubin. Garment. 2,013,929; Sept. 10.
- Rubin, Herman H., New York, N. Y. Grip strap. 2,003,514; June 4.
- Rubin, Herman H., and M. M. Balsam, New York, N. Y.; said Balsam assignor to said Rubin. Grip strap. 2,003,515; June 4.
- Rubin, Milton H., assignor to American Silk Mills, Inc., New York, N. Y. Yarn and the fabric produced therefrom. 2,020,907; Nov. 12.
- Rubin, Norbert, assignor to McKinney Tool & Manufacturing Company, Cleveland, Ohio. Stock cutting mechanism. 2,019,465; Oct. 29.
- Rubin, Norbert C., assignor to The McKinney Tool and Manufacturing Company, Cleveland, Ohio. Mechanical movement. 2,005,051; June 18.
- Rubin, Norbert C., assignor to The McKinney Tool and Manufacturing Company, Cleveland, Ohio. Cut-off machine. 2,005,052; June 18.
- Rubin, Norbert C., assignor to The McKinney Tool and Manufacturing Company, Cleveland, Ohio. Roll forming machine. 2,020,042; Nov. 5.
- Rubin, Samuel N., Astoria, N. Y., assignor, by mesne assignments, to The Gurney Elevator Co., Honesdale, Pa. System of control for elevators. 2,002,986; May 28.
- Rubin, William, Los Angeles, Calif. Escalator. 1,993,309; Mar. 5.
- Rubino, Sam S., Chicago, Ill. Bathing suit. 2,018,744; Oct. 29.
- Rubinstein, Wilton, Clayton, Mo. Adjustable collar band for shirts. 2,022,605; Nov. 26.
- Ruby, Thomas W. C., Chester, Pa. Auto turn signal. 2,011,985; Aug. 20.
- Ruch, Walter, Henryetta, Okla., assignor to Pittsburgh Plate Glass Company. Apparatus for making sheet glass. 1,988,572; Jan. 22.
- Ruck, George, Philadelphia, Pa. Gland for ozone generators and the like. 2,025,904; Dec. 31.
- Ruckel, Erwin. (See Beuter, R., and Ruckel.)
- Ruckelshaus, John G., Newark, N. J., assignor to Motion Displays, Inc. Animated display device. 2,018,577; Oct. 22.
- Rucker, Leonard F., Hollywood, Calif. Foot therapy device. 2,003,392; June 4.
- Ruckgaber, Albert, Stapleton, N. Y. Razor blade sharpener device. 1,986,603; Jan. 1.
- Ruckman, Carl D., Hobson, Mont. Fluid pressure controlling device. 2,024,780; Dec. 17.
- Rudd, Albert V., St. Louis and C. L. Ashley, Webster Groves, assignors to Rudd Engineering Company, St. Louis, Mo. Refrigerating apparatus. 2,007,837; July 9.
- Rudd, Clayton O. and O. C., Phoenix, Ariz. Ant trap. 2,000,647; May 7.
- Rudd Engineering Company. (See Rudd, A. V., and Ashley, assignors.)
- Rudd, Harold H., and S. H. Sparks, assignors to Railway and Industrial Engineering Company, Greensburg, Pa. Electric switch. 2,011,503; Aug. 13.
- Rudd, Harry B., New York, N. Y., assignor to Rudd Patents Corporation. Sealed container construction. 2,020,329; Nov. 12.
- Rudd, Matthew S., Sewickley, Pa. Lawn sweeper. 1,987,371; Jan. 8.
- Rudd, Oscar C. (See Rudd, Clayton O., and O. C.)
- Rudd Patents Corporation. (See Rudd, Harry B., assignor.)
- Ruddell, Clarence E. (See Carruthers, G., and Ruddell.)
- Ruddore Company, et al. (See Mackillican, James A., assignor.)
- Rudenberg, Reinhold, Berlin-Grunewald, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Self clearing fused sectionalized capacitor. 1,991,063; Feb. 12.
- Rudenberg, Reinhold, Berlin-Grunewald, and M. Steenbeck, Berlin-Siemensstadt, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical discharge device. 1,999,597; Apr. 30.
- Rudolph, Corrie F. (See Gebhard, L. A., and Rudolph.)
- Rudolph, Walter H., Brookline, Mass. Culinary device. 1,986,412; Jan. 1.
- Rudorff, Dagobert W., Berlin-Wannsee, Germany. 2,006,059; June 25.
- Rudy, Fred, Jr., Glenview, Ky. Headlight lens. 1,990,390; Feb. 5.
- Rue, Harold E., and E. Nordstrom, East Orange, assignors to Hoffman Beverage Company, Newark, N. J. Shipping case. 2,000,192; May 7.
- Rue, John D. (See Hooker, P., Lyster and Rue.)
- Rue, John D., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Pulp treating process. 2,001,268; May 14.
- Rueger, Anna, et al. (See Mathers, Harry M., assignor.)
- Rueger, Herman W. (See Bruns, A. E., and Rueger.)
- Ruehfel, George, Glendale, N. Y. Stream-lined hydrometer bulb. 2,020,968; Nov. 12.
- Ruehman, Henry, Los Angeles, Calif. Rotary engine. 1,997,184; Apr. 9.
- Ruelland, Albertine, New York, N. Y. Electric iron. 2,013,854; Sept. 10.
- Ruemelin, Richard, Milwaukee, Wis. Trolley. 1,986,413; Jan. 1.
- Ruemelin, Richard, Milwaukee, Wis. Dust arrester bag. 2,010,898; Aug. 13.
- Ruemelin, Richard, Milwaukee, Wis. Sand blast curtain. 2,012,055; Aug. 20.
- Rueppel, Fred R., East Detroit, and C. W. Balle, assignors to Clayton & Lambert Manufacturing Company, Detroit, Mich. Spare tire cover. 2,021,385; Nov. 19.

- Ruesch, August, New York, N. Y. Embroidering fabrics. 2,003,810; June 4.
- Ruesenberg, Carl A., Rockford, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Circulating pump. 2,001,369; May 14.
- Ruf, Herman P., New York, N. Y. Twist setting means for ruff cord making machines. 2,015,128; Sept. 24.
- Rufener, Hans, and T. Eichmann, Bern-Liebelfeld, Switzerland, assignors to International Carbonic Engineering Company, Kennett Square, Pa. Sealing device for pressure containers. 2,010,200; Aug. 6.
- Ruff, Alonzo W., assignor to York Ice Machinery Corporation, York, Pa. Defroster for refrigerators. 2,008,628; July 16.
- Ruff, William F., Denville, N. J. Guide for flush tank balls. 1,990,207; Feb. 5.
- Ruffin, Laura V. (See Duvall, Stanley A., assignor.)
- Rufsvold, Arnold S., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 2,011,653; Aug. 20.
- Ruger, Durl P., assignor to G. & W. Electric Specialty Co., Chicago, Ill. Expansion joint for electric cables. 1,999,981; Apr. 30.
- Ruger, Durl P., assignor to G & W Electric Specialty Co., Chicago, Ill. Solderless connector for electric cables. 2,023,823; Dec. 10.
- Ruggles, Charles E., et al. (See Havens, Charles M., assignor.)
- Ruggles, Iva, et al. (See Havens, Charles M., assignor.)
- Ruggles-Klingemann Mfg. Co. (See Kimball, Linwood, assignor.)
- Ruhrchemie Aktiengesellschaft. (See Tramm, Heinrich, assignor.)
- Ruigh, William L. (See Major, R. T., and Ruigh.)
- Ruiz, Eloy. (See Collins, H. W., and Ruiz.)
- Rügnier, Oswald. (See Engels, Hans, assignor.)
- Ruhrchemie Aktiengesellschaft. (See Tramm, H., and Clark, assignors.)
- Rulo Company, The, et al. (See Loeber, Edgar O., assignor.)
- Rumford Chemical Works. (See Fiske, A. H., and Bryan, assignors.)
- Rumford Chemical Works. (See Fiske, A. H., Colby, and Lewis, assignors.)
- Rumford Corporation of New Jersey, The. (See Zucker, Richard D., assignor.)
- Ruml, Bohuslav, Prague, Czechoslovakia. Manufacture and joining of articles of concrete and the like. 2,008,339; July 16.
- Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Sulphonated terpene product and producing same. 2,003,471; June 4.
- Rummelsburg, Alfred L., and B. H. Little, assignors to Hercules Powder Company, Wilmington, Del. Sulphonated polymerized terpene and producing same. 1,993,415; Mar. 5.
- Rumney, Mason P., and C. W. Kelly, assignors to Detroit Steel Products Company, Detroit, Mich. Window construction. 2,007,435; July 9.
- Rumpel, Harvey H., assignor to Smith Engineering Works, Milwaukee, Wis. Crushing machine. 1,993,900; Mar. 12.
- Rumpel, Harvey H., assignor to Smith Engineering Works, Milwaukee, Wis. Crushing structure. 2,014,588; Sept. 17.
- Rumsey, Herbert, Jr., Nutley, N. J. Packaging plastic substances. 2,008,837; July 23.
- Rumsey, John C., Lawrence, Kans. Jockey wagon. 2,018,381; Oct. 22.
- Runde, Kenneth R., St. Louis, Mo. Flexible tile. 2,020,576; Nov. 12.
- Rundell, Rupert E., Rockville Center, N. Y., assignor to American Machine & Foundry Company. Cigarette collector. 1,988,518; Jan. 22.
- Rundell, Rupert E., Rockville Center, N. Y., assignor, by mesne assignments, to American Machine & Foundry Company. Leaf feed for stemming machines. 1,992,773; Feb. 26.
- Rundell, Rupert E., Rockville Centre, N. Y., assignor to American Machine & Foundry Company. Automatic cut-off knife adjuster. 2,011,913; Aug. 20.
- Rundell, Rupert E., Rockville Centre, N. Y., assignor, by mesne assignments, to American Machine & Foundry Company. Scrap tobacco cleaning mechanism. 2,012,250; Aug. 20.
- Rundle, David H. (See Chace, E. M., Sorber, Rundle, and Kimball.)
- Rundlett, William D., assignor to The James Hunter Machine Company, North Adams, Mass. Lapping machine. 1,998,738; Apr. 23.
- Runge, Frank E., Oaklyn, and A. G. Zimmerman, Westmont, N. J., assignors to Radio Corporation of America. Sound recording apparatus. 2,015,386; Sept. 24.
- Runge, Wilhelm. (See Muth, H., and Runge.)
- Runge, Wilhelm. (See Roosenstein, H. O., and Runge.)
- Runge, Wilhelm, Berlin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiving apparatus. 2,001,747; May 21.
- Runge, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillation generator. 2,002,191; May 21.
- Runge, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiver. 2,026,361; Dec. 31.
- Runge, Wilhelm, W. Ilberg, and H. Lux, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie, M. B. H., Berlin, Germany. Arrangement for generating high power by ultra short waves. 2,006,904; July 2.
- Runner, Claude C., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,019,320; Oct. 29.
- Runner, Claude C., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,021,747; Nov. 19.
- Runte, Egon, Zurich, Switzerland. Electrical device for the heating of rooms. 1,995,581; Mar. 26.
- Runyan, Arthur L., New York, assignor to Edward Harding, Trustee, New York, N. Y. Crusher and pulverizer. 2,012,694; Aug. 27.
- Rupert, Liburn L., Muskogee, Okla. Bridle bit. 2,006,032; June 25.
- Rupertl, Andreas. (See Haller, R., and Rupertl.)
- Rupertl, Andreas, assignor to The firm of Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of cellulose esters. 2,010,607; Aug. 6.
- Rüping, Max, Munich, Germany. Resilient rail fastening. 2,015,194; Sept. 24.
- Rupp, Emil, Glienicke-on-the-Nordbahn, Germany, assignor to General Electric Company. Electric radiation indicator. 1,998,334; Apr. 16.
- Rupp, Herbert E., assignor to Gorman-Rupp Company, Mansfield, Ohio. Centrifugal self-priming pump. 2,002,454; May 21.
- Ruppel, Frederick H., Pasadena, Calif. Fence structure and making the same. 1,987,312; Jan. 8.
- Ruppel, Frederick H., Pasadena, Calif. Structure. 2,001,215; May 14.
- Ruppel, Frederick H., Pasadena, Calif. Fence fabric. 2,020,379; Nov. 12.
- Ruppel, Harry W., Shaker Heights, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Multiple spindle hydraulic screw machine. 2,019,155; Oct. 29.
- Ruppel, Wilhelm. (See Neresheimer, H., Ruppel, and Vilsmeier.)
- Rupple, Harry W., Shaker Heights, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Head slide for automatic machine tools. 2,001,586; May 14.
- Rupple, Harry W., Shaker Heights, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Multiple turret machine tool. 2,004,347; June 11.
- Rupple, Harry W., Shaker Heights, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Chuck mechanism for automatic machine tools. 2,025,309; Dec. 24.
- Rupprich, Siegfried, New York, N. Y. Thermal insulating material. 1,987,798; Jan. 15.
- Rupprich, Siegfried, assignor to Electrolux Servel Corporation, New York, N. Y. Control for absorption refrigerating apparatus. 1,992,842; Feb. 26.
- Rurka, Joseph M., Chicago, Ill. Vacuum cleaning machine. 1,992,042; Feb. 19.
- Rüberg, Friedrich, Berlin-Niederschöneweide, assignor to The Kali-Chemie Aktiengesellschaft, Berlin, Germany. Manufacture of potassium carbonate and sodium sulphate. 1,992,324; Feb. 26.
- Rüberg, Friedrich, Berlin-Niederschöneweide, assignor to Kali-Chemie, Aktiengesellschaft, Berlin, Germany. Cyclic manufacture of potassium carbonate. 2,020,801; Nov. 12.
- Ruscetta, Ralph A. (See Clark, F. M., and Ruscetta.)
- Rush, Albert, deceased, Columbus, A. Roesch, administrator de bonis non, assignor to The Kinnear Manufacturing Company, Columbus, Ohio. Overhead door. 1,994,834; Mar. 19.
- Rush, Ernest J., assignor to E. Barnett, New York, N. Y. Photo flash light device. 2,020,741; Nov. 12.
- Rush, James W. (See Fuze, W. C., and Rush.)
- Rush, Leo E., assignor to M. L. Joyce, La Fayette, Ind. Indicator device for visible pumps. 1,987,579; Jan. 8.
- Rush, Leo E., assignor to M. L. Joyce, Lafayette, Ind. Separator device. 2,018,901; Oct. 29.
- Rush, Raymond W. (See Clark, H. R., and Rush.)
- Rush, Raymond W., Girard, Kans. Card holder. 2,018,578; Oct. 22.
- Rush, Theodore H., assignor to The Magee Carpet Company, Bloomsburg, Pa. Warp printing machine. 1,997,498; Apr. 9.
- Rush, Turner C., Lexington, Ky. Race starting barrier. 2,024,879; Dec. 17.
- Rush, Ulysses S., Seattle, Wash. Drill bit. 2,025,476; Dec. 24.
- Rushfeldt, Victor L., Albert Lea, Minn. Plant package and making the same. 1,994,962; Mar. 19.
- Rushton, George, Baking Company. (See Barritt, Clay F., assignor.)
- Ruske, Albert F. W., San Francisco, Calif. Temporary necktie holder. 1,986,071; Jan. 1.
- Ruske, Albert F. W., San Francisco, Calif. Resilient wheel. 1,989,338; Jan. 29.
- Ruske, Albert F. W., San Francisco, Calif. Bearing. 2,015,872; Oct. 1.
- Ruskin, Frances R. (See Ruskin, Simon L., assignor.)
- Ruskin, Henry, Chicago, Ill. Fuse plug. 1,996,258; Apr. 2.
- Ruskin, Simon L., assignor to F. R. Ruskin, New York, N. Y. Barbituric acid-hydantoin compound. 2,013,717; Sept. 10.
- Rusler, George W. (See Pigott, R. J. S., and Rusler.)

- Rusnak, John M., West Hartford, assignor to Pratt & Whitney Company, Hartford, Conn. Adjustable work clamping device. 1,997,916; Apr. 16.
- Russ, Emil F., Cologne-on-the-Rhine, Germany. Aluminium melting furnace. 1,995,524; Mar. 26.
- Russ Soda Fountain Company. (See Seitz, Dean C., assignor.)
- Russ, Walter P., Tampa, Fla. Internal combustion engine and supercharging same. 1,998,844; Apr. 23.
- Russakov, Jacob I., Chicago, Ill. Display cover. 1,990,755; Feb. 12.
- Russell, Philip S., assignor to Detroit Lubricator Company, Detroit, Mich. Control means. 2,019,461; Oct. 29.
- Russell, Philip S., and A. von Wangenheim, assignors to Detroit Lubricator Company, Detroit, Mich. Gauge. 1,997,917; Apr. 16.
- Russell, Alexander G., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for metallically coating phonograph records. 1,986,536; Jan. 1.
- Russell, Alexander G., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated. Metal coating for electroplated articles. 1,994,668; Mar. 19.
- Russell, Alexander G., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electroplating upon a metallized surface. 2,018,471; Oct. 22.
- Russell, Alexander S. (See Downes-Shaw, A. H., Russell, and Stuchbery.)
- Russell, Andrew N., and H. Ulmann, Montreal, Quebec, assignors to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Machine for balancing heavy bodies. 2,001,826; May 21.
- Russell, Brinton and C. B., Norristown, assignors to Attapulcus Clay Company, Philadelphia, Pa. Water purification. 2,003,314; June 4.
- Russell, Burdall & Ward Bolt & Nut Company. (See Gibney, Joseph W., assignor.)
- Russell-Burdall & Ward Bolt & Nut Company. (See MacDonald, Robert A., assignor.)
- Russell, Cecil B. (See Russell, Brinton, and C. B.)
- Russell, Charles L., Portsmouth, Va. Attendance register. 1,998,027; Apr. 16.
- Russell, Charles W., Detroit, Mich. Sprinkling device. 1,986,220; Jan. 1.
- Russell, Courtney F., assignor of one-half to J. M. McCarty, Rochester, Ind. Spark arrester. 2,017,732; Oct. 15.
- Russell, De France. (See Gregory, Bige, assignor.)
- Russell, Edward A. (See Van Vulpen, J., and Russell.)
- Russell, Edward A., assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Hose coupler. 1,992,446; Feb. 26.
- Russell, Ennis, Widow. (See Russell, Samuel.)
- Russell, George, et al. (See Ranauro, Armando, assignor.)
- Russell, Harold C., assignor to W. H. Foster, Seattle, Wash. Spring closing device. 2,008,314; July 16.
- Russell, Harold D., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic developer. 1,990,800; Feb. 12.
- Russell, Harold D., Rochester, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic developer. 2,017,167; Oct. 15.
- Russell, Howard W., Columbus, Ohio, and E. R. Darby, assignors to Federal-Mogul Corporation, Detroit, Mich. Internal combustion engine. 2,025,020; Dec. 17.
- Russell, John E., Glendale, D. B. Ellis, Webster Groves, and R. E. Gardiner, Normandy, assignors to Browning Arms Company, St. Louis, Mo. Shotgun magazine. 2,026,252; Dec. 31.
- Russell, John F., New York, N. Y. Sterilization of milk and other liquids. 2,024,255; Dec. 17.
- Russell, John K., Los Angeles, Calif. Spotlight. 2,014,454; Sept. 17.
- Russell, John K., Los Angeles, Calif., assignor of one-half to G. T. Rich, Chicago, Ill. Mechanical movement. 2,019,158; Oct. 29.
- Russell, Joseph A., Berwyn, Ill. Automobile signal switch. 2,021,386; Nov. 19.
- Russell, Julian G., North Chattanooga, assignor, by mesne assignments, to Carter Brothers, Incorporated, Chattanooga, Tenn. Tufting attachment for sewing machines. 2,004,834; June 11.
- Russell Manufacturing Company, The. (See Rockwell, E. A., and Tower, assignors.)
- Russell Manufacturing Company, The. (See Tower, Elmer V. J., assignor.)
- Russell Manufacturing Company, The. (See Tower, E. V. J., and Harris, assignors.)
- Russell, Mark N. (See Brooks, J. W., and Russell.)
- Russell, Mark N., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Lamp receptacle. 2,009,523; July 30.
- Russell, Marvin H. (See Travers, James L., assignor.)
- Russell-Miller Milling Company. (See Pierson, R. N., and Carlson, assignors.)
- Russell, Nace C., Georgiana, Ala. Combined shade and curtain bracket. 2,012,482; Aug. 27.
- Russell, Robert C. (See Rossmann, Peter F., assignor.)
- Russell, Robert C., Detroit, Mich. Servomechanism. 1,993,980; Mar. 12.
- Russell, Robert C., Dallas, Tex., assignor to Engineering Corporation, Grand Rapids, Mich. Power brake and clutch. 2,015,192; Sept. 24.
- Russell, Robert S., Bayonne, N. J. Prong for vacuum tubes. 1,998,525; Apr. 23.
- Russell, Roslyn V. H., Niagara Falls, N. Y. Removable contact tip. 2,008,927; July 23.
- Russell, Samuel, deceased, Kansas City, Mo., by decree of court to E. Russell, widow. Protective shield. 2,020,702; Nov. 12.
- Russell, Samuel G. (See Miller, R. W., and Russell.)
- Russell, Samuel G., assignor to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 2,006,481; July 2.
- Russell, Samuel G., and F. Burdick, assignors to Shakespeare Company, Kalamazoo, Mich. Spring wind fishing reel. 2,006,482; July 2.
- Russell, Theron M., Benton County, Oreg. Portable safety swimming tank. 2,016,456; Oct. 8.
- Russell, Thomas W., Minneapolis, Minn. Clip. 2,006,843; July 2.
- Russell, William E., and E. R. Lyon, Cumberland, Md. Antislipping cane. 2,005,507; June 18.
- Russell, William H., New Haven, Conn. Combination airplane and helicopter. 1,991,466; Feb. 19.
- Russell, William W. (See Huey, H. I., and Russell.)
- Russo, Alfred L. (See Larom, G. U., and Russo.)
- Russo, Joseph A., New Orleans, La. Clutch for marine engines. 2,023,772; Dec. 10.
- Rust, John D., and M. D. Lake Providence, La. Cotton picking machine. 2,023,491; Dec. 10.
- Rust, Mack D. (See Rust, John D., and M. D.)
- Rust, Noël M. (See Round, H. J., and Rust.)
- Rust, Noël M., Chelmsford, England, assignor to Radio Corporation of America. Thermionic modulation system. 1,988,090; Jan. 15.
- Rust, Noël M., Chelmsford, England, assignor to Radio Corporation of America. Electrical circuit arrangement. 2,002,192; May 21.
- Rust, Noël Meyer, Chelmsford, England, assignor to Radio Corporation of America. Electrical oscillation generator. 2,011,291; Aug. 13.
- Rust, Noël M., Chelmsford, England, assignor to Radio Corporation of America. Band pass network. 2,025,128; Dec. 24.
- Rust Proofing and Metal Finishing Corporation. (See Tuttle, James N., assignor.)
- Rustin, Eugene H., Brooklyn, N. Y. Carburetor. 2,014,986; Sept. 17.
- Rusting, Hendrik, Zuilen, and N. Rusting, Jr., The Hague, Netherlands. Motion picture camera. 2,012,352; Aug. 27.
- Rusting, Nicolas, Jr. (See Rusting, H., and Nicolas.)
- Rustless Iron Corporation of America. (See Arness, William B., assignor.)
- Rustless Iron Corporation of America. (See Feild, Alexander L., assignor.)
- Rutenber Electric Co. (See Lusher, Francis A., assignor.)
- Rutenber Electric Co. (See Simmons, Paul R., assignor.)
- Rutenberg, Harry A. (See Bouchard, Louis O., assignor.)
- Rüter, Rudolf, Cologne-Deutz, Germany. Treatment of flour. 2,005,268; June 18.
- Rüter, Rudolf, Cologne-Deutz, and K. Seidel, Berlin-Zehlendorf, assignors to Novopan Studiengesellschaft zur Herstellung besseren und billigeren Brotes m. b. H., Frankfurt-on-the-Main, Germany. Chemical process for the production of husked grain, both germinated and ungerminated. 2,007,693; July 9.
- Rütgerswerke-Aktiengesellschaft. (See Kahl, Leopold, assignor.)
- Ruth-Aldo Company. (See Viviani, Ettore, assignor.)
- Ruth-Aldo Company, Inc. (See Barthelemy, Henri L., assignor.)
- Ruth Company, The. (See Ruth, Joseph P., assignor.)
- Ruth Company, The. (See Ruth, J. P., Jr., and Brinker, assignors.)
- Ruth Company, The. (See Ruth, J. P., and Woelbing, assignors.)
- Ruth Dredger Manufacturing Corporation. (See Schauer, Lawrence B., assignor.)
- Ruth, John P. (See Burruss, D. N., Jr., and Ruth.)
- Ruth, Joseph P., Jr., Denver, Colo. Ore conditioning device. 2,000,418; May 7.
- Ruth, Joseph P., Jr., Denver, Colo. Cyanide treatment of ores. 2,006,875; July 2.
- Ruth, Joseph P., assignor to The Ruth Company, Denver, Colo. Flange oiler. 1,991,419; Feb. 19.
- Ruth, Joseph P., assignor to The Ruth Company, Denver, Colo. Locomotive. 2,005,562; June 18.
- Ruth, Joseph P., and G. H. Woelbing, assignors to The Ruth Company, Denver, Colo. Adjusting mechanism. 1,993,808; Mar. 12.
- Ruth, Joseph P., and G. H. Woelbing, assignors to The Ruth Company, Denver, Colo. Clutch with synchronizing means. 2,001,892; May 21.
- Ruth, Joseph P., Jr., and F. A. Brinker, assignors to The Ruth Company, Denver, Colo. Ore separation. 2,008,928; July 23.
- Rutherford, Charles E., West Hartford, Conn., assignor to The Wiremold Company. Electrical conduit fitting. 2,021,492; Nov. 19.
- Rutherford, John T., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Securing sulphur dioxide extract of petroleum. 2,024,476; Dec. 17.
- Rutherford, John T., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Manufacturing ammonium sulphate and denaturant from acid sludges produced in the treatment of petroleum. 2,025,401; Dec. 24.

- Rutherford, Lewis R., Louisville, Ky. Fire kindler. 2,007,694; July 9.
- Rutherford, Romilly T., Alameda, assignor to D. K. Lipincott, Larkspur, Calif. Microphone. 2,024,705; Dec. 17.
- Rutherford System, Incorporated. (See Van Voorst, George, Jr., assignor.)
- Rutherford, Walton V. D., London, England, and R. Hafner, Vienna, Austria. Rotative wing aircraft. 1,992,015; Feb. 19.
- Ruthuff, Robert F., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Conversion of hydrocarbon gases. 2,009,277; July 23.
- Ruthuff, Robert F., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Polymerization of gases. 2,017,325; Oct. 15.
- Ruths, Johannes, Djursholm, Sweden, assignor to Ruths-accumulator Aktiebolag, Berlin, Germany. Steam power installation for momentary reserve. 2,003,315; June 4.
- Ruthsaccumulator Aktiebolag. (See Föhl, Carl, assignor.)
- Ruthsaccumulator Aktiebolag. (See Ruths, Johannes, assignor.)
- Rutishauser, Donald E., St. Louis, Mo. Cooling unit. 1,991,176; Feb. 12.
- Rutishauser, Donald E., assignor to Hussmann-Ligonier Company, St. Louis, Mo. Refrigerator door. 1,992,239; Feb. 26.
- Rutkowski, Walter L., Normandy, assignor to R. C. Cann Company, St. Louis, Mo. Fibrous bodied container. 2,007,346; July 9.
- Rutkowski, Walter L., Normandy, assignor to R. C. Cann Company, St. Louis, Mo. Fibrous bodied container. 2,007,347; July 9.
- Rutkowski, Walter L., Normandy, assignor to R. C. Cann Company, St. Louis, Mo. Spool. 2,009,152; July 23.
- Rutledge, Carl M. (See Simonsen, E. H., and Rutledge.)
- Rutledge, Charles F. (See Gill, C. C., Julian, McIlwraith, and Rutledge.)
- Rutledge, Robert, Toronto, Ontario, Canada. Apparatus for purifying air in closed chambers. 1,995,191; Mar. 19.
- Rutledge, Robert E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Paper dish and method and apparatus of forming. 2,014,297; Sept. 10.
- Rutledge, Robert E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Making pressed plates, dishes, and the like. 2,014,815; Sept. 17.
- Rutten, Peter, Osakis, Minn. Building unit and construction made therefrom. 1,990,001; Feb. 5.
- Rüttenauer, Alfred. (See Ewest, H., and Rüttenauer.)
- Rüttenauer, Alfred. (See Fritze, O., and Rüttenauer.)
- Rüttenauer, Alfred. (See Pirani, M., and Rüttenauer.)
- Rüttenauer, Alfred, Berlin-Halensee, and O. Fritze, Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,001,501; May 14.
- Ruttenberg, Charles, assignor to American Textile Corporation, Pittsburgh, Pa. Ironing board cover. 2,012,056; Aug. 20.
- Rutter, Alvah E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Plow. 2,016,518; Oct. 8.
- Rutter, Clyde M., Massillon, assignor to Republic Steel Corporation, Youngstown, Ohio. Clamping device. 2,021,243; Nov. 19.
- Ruttiman, Alfred, Gardner, assignor to Florence Stove Company, Boston, Mass. Valve and operating mechanism therefor. 2,010,201; Aug. 6.
- Ruttiman, Alfred, assignor to Florence Stove Company, Gardner, Mass. Burner bowl. 2,021,810; Nov. 19.
- Rutz, William E., and R. M. Woytych, assignors to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Wiper for machine ways. 1,991,177; Feb. 12.
- Ruys, Jan D. (See Pyzel, F. M., and Ruys.)
- Ruys, Jan D., Pittsburg, Calif., assignor to Shell Development Company, San Francisco, Calif. Manufacture of ammonium sulphate. 2,022,813; Dec. 3.
- Ruzicka, Leopold, Zurich, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Primary diterpene-alcohol. 1,999,110; Apr. 23.
- Ryall, Leonard E., Eastcote, Ruislip, England. Alternating current transmission system such as telephone systems incorporating echo suppressors. 1,992,774; Feb. 26.
- Ryalls, John H., et al. (See Timberlake, Journey F., assignor.)
- Ryan, Ambrose T., Springfield, Mass., assignor to Hodges Carpet Company, New York, N. Y. Method of and apparatus for weaving fabric with flat filling strips. 2,022,741; Dec. 3.
- Ryan, Commodore D., assignor to National Postal Meter Company, Los Angeles, Calif. Inking mechanism. 1,987,800; Jan. 15.
- Ryan, Commodore D., assignor to National Postal Meter Company, Los Angeles, Calif. Printing device. 1,987,801; Jan. 15.
- Ryan, Commodore D., assignor to National Postal Meter Company, Los Angeles, Calif. Ink Pad. 1,987,802; Jan. 15.
- Ryan, Commodore D., assignor to National Postal Meter Company, Los Angeles, Calif. Adjustable magazine. 1,987,803; Jan. 15.
- Ryan, Commodore D., assignor to National Postal Meter Company, Los Angeles, Calif. Hand operated postal machine. 2,001,287; May 14.
- Ryan, Edward, Knox, Ind., and E. B. Funk, Galesburg, Ill., assignors to The Standard Stoker Company, Incorporated, New York, N. Y. Stoking mechanism. 2,003,472; June 4.
- Ryan, Francis J., Chicago, Ill. Railway signaling apparatus. 2,008,518; July 16.
- Ryan, Frank P., assignor to Chrysler Corporation, Detroit, Mich. Stripping device. 2,002,278; May 21.
- Ryan, George F., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Pattern copying machine. 1,987,799; Jan. 15.
- Ryan, John B., New York, N. Y. Pocket humidior. 2,010,440; Aug. 6.
- Ryan, John J. (See Janda, Anna J., assignor.)
- Ryan, John M., Chicago, Ill. Gland packing. 1,988,216; Jan. 15.
- Ryan, Joseph B., assignor of one-half to R. S. Grogan, Chicago, Ill. Laundry tub mold. 2,009,415; July 30.
- Ryan, Joseph D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated safety glass. 2,006,182; June 25.
- Ryan, Leo C., Chicago, Ill., assignor to The Oxweld Railroad Service Company. Repairing rail joints. 2,004,081; June 4.
- Ryan, Oscar F., Huntington, W. Va. Advertising layout board. 2,015,368; Sept. 24.
- Ryan Recording Thermometer Co. (See Frantz, Charles T., assignor.)
- Rybár, Stephen. (See Pekár, D., and Rybár.)
- Ryberg, Harry, Jr., San Francisco, Calif. Myogenic foot manipulator. 2,002,586; May 28.
- Rybolt, Ora M. (See Lowry, J. C., and Rybolt.)
- Rydahl, Herman G. V., Viggbyholm, Sweden. Window. 2,003,723; June 4.
- Ryde, John W. (See Randall, J. T., Harris, and Ryde.)
- Ryde, John W., assignor to The General Electric Company Limited, London, England. Electric discharge tube. 2,002,837; May 28.
- Rydell, Leonard, Wausau, Wis. Gas tank cap lock. 2,019,237; Oct. 29.
- Ryden, Eric H., assignor to Electrolux Servel Corporation, New York, N. Y. Refrigeration. 2,001,797; May 21.
- Ryder, Frank P., Niagara Falls, N. Y. Loosening the skins of tomatoes. 1,992,398; Feb. 26.
- Ryder, John D., Cleveland, Ohio, assignor to Bailey Meter Company. Motor control circuit. 2,015,967; Oct. 1.
- Ryder, John D., Cleveland, Ohio, assignor to Bailey Meter Company. Measuring and controlling apparatus. 2,015,968; Oct. 1.
- Kydner, Gustaf W., Detroit, Mich. Safety razor. 1,999,060; Apr. 23.
- Rydquist, Adolph, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Grip cord and making same. 2,024,880; Dec. 17.
- Ryerson, Creighton W., assignor to Ryerson & Haynes, Inc., Jackson, Mich. Hub cap. 2,002,159; May 21.
- Ryerson, Creighton W., Jackson, Mich., assignor to Ryerson & Haynes Inc. Tire cover. 2,012,072; Aug. 20.
- Ryerson, Creighton W., Jackson, Mich., assignor to Ryerson & Haynes Inc. Tire cover. 2,021,965; Nov. 26.
- Ryerson & Haynes, Inc. (See Burnett, F. C., and Adams, assignors.)
- Ryerson & Haynes, Inc. (See De Orlow, Stephen, assignor.)
- Ryerson & Haynes, Inc. (See Ellenberger, C. M., Blank, and Prentice, assignors.)
- Ryerson & Haynes, Inc. (See Ryerson, Creighton W., assignor.)
- Rykaczewski, John A. (See Zavarella, Raphael, assignor.)
- Rylander, Anders J. E. (See Jonsson, J. E., Larsson and Rylander.)
- Ry-Lock Company. (See Joseph, Paul E., assignor.)
- Ry-Lock Company Ltd. (See Wiener, M. L., and Nelsen, assignors.)
- Rypinski, Albert B., Laurelton, Long Island, N. Y. Arc welding apparatus. 2,009,787; July 30.
- Rystrom, Charles H., et al. (See Wahlmark, Gunnar A., assignor.)
- Rzehulka, Rudolf. (See Rothe, H., and Rzehulka.)
- Rzeppa, Alfred H., Detroit, Mich. Universal joint. 2,010,899; Aug. 13.
- S-B Manufacturing Company. (See Schulz, Alfred J., assignor.)
- S. and D. Engineering Company. (See Sawtelle, Charles A., assignor.)
- S. and D. Engineering Company. (See Sawtelle, C. A., and Darmstaetter, assignors.)
- S. and R. Folding Machine Co., The. (See Roby, Edward B., assignor.)
- S. and S. Engineering Company. (See Shelor, Frederick L., assignor.)
- S. H. G. Incorporated. (See Hermsdorf, Walter H., assignor.)
- S. M. A. Corporation. (See Barnett, Harold M., assignor.)
- S. M. A. Corporation. (See Cross, Robert J., assignor.)
- S. M. A. Corporation. (See Germann, Albert F. O., assignor.)
- SKF Industries, Inc. (See Brunner, Harold E., assignor.)
- S K F Industries, Inc. (See Larsson, J., and Styri, assignors.)
- Saad, Naieeb J., Spokane, Wash. Golf bag. 2,014,589; Sept. 17.

- Saaf, Dirk G., assignor to Goodrich Electric Company, Chicago, Ill. Lighting fixture. 1,993,385; Mar. 5.
- Saaf, Fritz A., Aurora, Ill., assignor to All-Steel-Equip Company, Shelving. 1,990,756; Feb. 12.
- Saal, Henry G. (See Gates, Benjamin L., assignor.)
- Saal, William. (See Bowers, Charley, assignor.)
- Saallbach, Arthur A., East Orange, N. J., assignor to American Can Company, New York, N. Y. Container closure. 2,001,748; May 21.
- Saar, Franz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Power supply circuit. 2,009,071; July 23.
- Saarela, John H., Seattle, Wash. Landing net. 2,021,387; Nov. 19.
- Saarinén, Armas J., assignor to Granberg Meter Corporation, San Francisco, Calif. Fluid meter. 1,995,079; Mar. 19.
- Saballus, Erwin, assignor to Joseph Weidenhoff, Inc., Chicago, Ill. Gauge for fuel pump rocker arms. 2,003,556; June 4.
- Sabath, Edgar J., and P. R. Finch, Chicago, Ill. Shipping and cooling container. 1,989,339; Jan. 29.
- Sabbah, Camil A., Schenectady, N. Y., assignor to General Electric Company. Rectifier compounding system. 1,986,604; Jan. 1.
- Sabbah, Camil A., Schenectady, N. Y., assignor to General Electric Company. Glow discharge means for temperature control. 1,998,943; Apr. 23.
- Sabbah, Camil A., Schenectady, N. Y., assignor to General Electric Company. Electric power converting apparatus. 2,009,788; July 30.
- Sabbah, Camil A., and P. M. Gray, Schenectady, N. Y., assignors to General Electric Company. Cathode ray photographic apparatus. 2,015,570; Sept. 24.
- Sabini, Frederick, Arlington, N. J. Egg boiler. 2,014,089; Sept. 10.
- Sabins, George G., Glendale, assignor to Samuels-Kleiner, Ltd., Los Angeles, Calif. Separable fastener. 2,001,942; May 21.
- Sabins, George G., Glendale, assignor to Samuels-Kliner, Ltd., Los Angeles, Calif. Clasp. 2,022,925; Dec. 3.
- Sabiston, Eric M., and T. A. Chester, Perth, Ontario, assignors to Perth Shoe Company, Limited, Lanark County, Ontario, Canada. Foot corrective shoe construction. 1,996,215; Apr. 2.
- Sabol, Albert G. (See Brown, V. R., and Sabol.)
- Saborio, Carlos, New York, N. Y. Wet vacuum pump and rotor therefor. 1,988,875; Jan. 22.
- Sabot, René C., Paris, France. Device for promoting chemical reactions and particularly the combustion of mixtures of gases and other materials such as vapors, liquids, and colloids. 1,989,499; Jan. 29.
- Sachs, Albert P., Brooklyn, assignor to Petroleum Conversion Corporation, New York, N. Y. Cracking naphtha and heavier oils in the vapor phase. 2,016,297; Oct. 8.
- Sachs, Bruno, Vienna, Austria, assignor to Nathan Forgings and Machining Corporation, New York, N. Y. Machine for hot-forging, press and die-casting of metals. 2,015,462; Sept. 24.
- Sachs, John H., Wilmington, Del., and F. W. Peck, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Bromination of pyranthrone. 2,013,790; Sept. 10.
- Sachs, John H., Wilmington, Del., and F. W. Peck, Penns Grove, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Bromination of aromatic compounds. 2,013,791; Sept. 10.
- Sachs, Joseph, West Hartford, Conn. Electric switch mechanism. 1,986,221; Jan. 1.
- Sachs, Joseph, West Hartford, Conn. Electric switch. 1,986,222; Jan. 1.
- Sachs, Joseph, West Hartford, Conn. Electric circuit controlling appliance. 1,986,223; Jan. 1.
- Sachs, Joseph, West Hartford, Conn. System of circuit controlling devices. 1,992,719; Feb. 26.
- Sachs, Joseph, West Hartford, Conn. Electric meter service appliance. 1,992,720; Feb. 26.
- Sachs, Joseph, West Hartford, Conn. Electric switch. 1,993,416; Mar. 5.
- Sachs, Joseph, West Hartford, Conn. Electric circuit controlling mechanism. 2,002,587; May 28.
- Sachs, Joseph, West Hartford, Conn. Electric switch. 2,005,684; June 18.
- Sachs, Joseph, West Hartford, Conn. Electric circuit controlling appliance. 2,005,685; June 18.
- Sachs, Joseph, West Hartford, Conn. Electric circuit controlling appliance. 2,005,686; June 18.
- Sachs, Joseph, West Hartford, Conn. Current responsive element and manufacture therefor. 2,005,687; June 18.
- Sachs, Joseph, West Hartford, Conn. Electric circuit controlling appliance. 2,005,688; June 18.
- Sachs, Joseph, West Hartford, Conn. Automatic circuit breaker. 2,020,330; Nov. 12.
- Sachs, Joseph, West Hartford, Conn. Automatic circuit breaker. 2,020,331; Nov. 12.
- Sachs, Joseph, West Hartford, Conn. Automatic circuit breaker. 2,020,332; Nov. 12.
- Sachs, Joseph, West Hartford, Conn. Automatic circuit breaker. 2,020,333; Nov. 12.
- Sachs, Joseph, West Hartford, Conn. Automatic circuit breaker. 2,020,334; Nov. 12.
- Sachs, Manfred. (See Klencke, H., and Sachs.)
- Sachs, Max, Far Rockaway, N. Y. Lady's hand bag. 2,004,220; June 11.
- Sachs, Maximilian, Vienna, Austria. Interlocking sheet-piling. 2,006,721; July 2.
- Sachs, Morris, assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Reversible belt. 2,009,325; July 23.
- Sachsenmaier, Ervin and W., Elkins Park, Pa. Indicator for card games. 1,986,362; Jan. 1.
- Sachsenmaier, Warren. (See Sachsenmaier, Erwin and W.)
- Sächsisches Serumwerk Aktiengesellschaft. (See Blum, Ferdinand, assignor.)
- "Sachtleben" Aktiengesellschaft für Bergbau und Chemische Industrie. (See Eulenstein, F., and Krus, assignors.)
- Sachtleben Aktiengesellschaft für Bergbau und Chemische Industrie. (See Herder, Max, assignor.)
- Sachtleben Aktiengesellschaft für Bergbau und Chemische Industrie. (See Müller, Johannes and M., assignors.)
- Sack, John, Scranton, N. Dak. Power hammer. 2,007,307; July 9.
- Sackett, Warren W., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Lighting device. 2,008,042; July 16.
- Sackner, Wade E., assignor to Grand Rapids Fibre Cord Company, Grand Rapids, Mich. Cellophane covered cord and method of manufacture. 1,999,483; Apr. 30.
- Sackner, Wade E., assignor to Grand Rapids Fibre Cord Company, Grand Rapids, Mich. Cord or edge roll. 2,008,368; July 16.
- Sackner, Wade E., assignor to Grand Rapids Fibre Cord Company, Grand Rapids, Mich. Cellophane covered cord and manufacture. 2,021,331; Nov. 19.
- Saco-Lowell Shops. (See Banfield, F. E., Jr., and Marsh, assignors.)
- Saco-Lowell Shops. (See Curley, Robert S., assignor.)
- Sacony-Vacuum Oil Company. (See King, Roy D., assignor.)
- Sacrey, Elmer P., Liverpool, assignor to Syracuse Tool Electric Mfg. Corp., Syracuse, N. Y. Cutting instrument. 2,015,535; Sept. 24.
- Sadenwater, Charles W., Saginaw, Mich., assignor to National Washboard Company, Chicago, Ill. Interlocking means for the marginal edges of superimposed sheets. 1,987,217; Jan. 8.
- Sadenwater, Charles W., assignor to Saginaw Manufacturing Co., Saginaw, Mich. Folding ironing table. 1,987,218; Jan. 8.
- Sadenwater, Charles W., assignor to Saginaw Manufacturing Co., Saginaw, Mich. Folding ironing table. 1,987,219; Jan. 8.
- Sadenwater, Charles W., assignor to Saginaw Manufacturing Co., Saginaw, Mich. Folding table. 2,015,236; Sept. 24.
- Sadenwater, Charles W., assignor to Saginaw Manufacturing Co., Saginaw, Mich. Folding table. 2,015,237; Sept. 24.
- Sadgebury, Herman F., Dayton, assignor, by mesne assignments, to Central United National Bank, Cleveland, Ohio, as trustee. Resetting means for a totalizer. 1,991,260; Feb. 12.
- Sadgebury, Herman F., Dayton, assignor, by mesne assignments, to Central United National Bank, Cleveland, Ohio, trustee. Locking means for totalizers. 1,996,882; Apr. 9.
- Sadgebury, Herman F., and W. M. Carroll, Dayton, assignors, by mesne assignments, to Central United National Bank, Cleveland, Ohio, trustee. Locking means for automatic dispensers. 1,996,883; Apr. 9.
- Sadler Bros., Inc. (See Sadler, Thomas G., assignor.)
- Sadler, Thomas G., South Attleboro, Mass., assignor to Sadler Bros., Inc. Ophthalmic mounting. 2,020,265; Nov. 5.
- Sadowick, William, New York, N. Y. Doorcheck. 2,018,876; Oct. 29.
- Sadtler, Samuel S., Erdenheim, Near Philadelphia, Pa. Prepared smoking tobacco. 2,007,407; July 9.
- Sadtler, Samuel S., Springfield Township, Montgomery County, Pa., assignor, by mesne assignments, to Hepburnite Corporation. Making bituminous compositions. 1,992,240; Feb. 26.
- Sadtler, Samuel S., Springfield Township, Montgomery County, and W. H. Field, Wynocoe, Pa. Bituminous paving material. 2,013,972; Sept. 10.
- Sadwith, Ryan, Newark, N. J. Air insulated heater. 2,015,195; Sept. 24.
- Saeger, Henry, Rochester, N. Y. Morris chair construction. 2,005,157; May 28.
- Saeks, Alvin L., University City, assignor to The Puro Company, Inc., St. Louis, Mo. Deodorizer. 2,011,732; Aug. 20.
- Saemann, Franklin I., Jr. (See Saemann, Franklin I. and F. I., Jr., and Gennat.)
- Saemann, Franklin I. and F. I., Jr., Oak Park, and R. Gennat, assignors to Ambulatory Pneumatic Splint Mfg. Co., Chicago, Ill. Splint. 1,997,018; Apr. 9.
- Saenger, Hans. (See Marx, K., Wesche, Bittner, and Saenger.)
- Saenger, Hans. (See Wolf, H., Leuchs and Saenger.)
- Safety Car Heating & Lighting Company, The. (See Godsey, Frank W., Jr., assignor.)
- Safety Car Heating & Lighting Company, The. (See Hulse, George E., assignor.)
- Safety Car Heating & Lighting Company. (See Hulse, G. E., and Strobell, assignors.)
- Safety Car Heating & Lighting Company, The. (See Von Ohlsen, Louis H., assignor.)

- Safety Devices Corporation. (See Aud, Thomas E., assignor.)
- Safety Fumigant Company. (See Houghton, Harry W., assignor.)
- Safety Mining Company. (See Officer, Charles B., assignor.)
- Safir, Jacob A., Rockford, Ill. Film package. 2,010,646; Aug. 6.
- Safford, Lewis A., Watertown, N. Y., assignor to The New York Air Brake Company. Clamping device for air brake test racks. 1,997,749; Apr. 16.
- Safford, Lewis A., Watertown, N. Y., assignor to The New York Air Brake Company. Choke plug for air brakes. 2,025,905; Dec. 31.
- Safford, Truman S., Port Chester, N. Y. Muffler. 1,986,448; Jan. 1.
- Safford, Truman S., Harrison, N. Y. Device and method for treating refrigerators. 1,991,702; Feb. 19.
- Saftlas, Joseph, Philadelphia, Pa. Knitted neckwear. 2,021,025; Nov. 12.
- Sagar, Harold, Whitworth, E. VanWeyenbergh, Rochdale, and R. O. Jones, Manchester, assignors to Breda-Visada Limited, Littleborough, England. Manufacture of viscose artificial silk. 2,005,664; June 18.
- Sage, Edwin R., Jersey City, N. J., assignor to Improved Devices, Inc., Brooklyn, N. Y. Method and apparatus for testing lubricants. 1,989,627; Jan. 29.
- Sage, Frederick L., Chicago, Ill. Metallurgical ladle. 2,016,579; Oct. 8.
- Sage, Henry E. (See Scheide, Lester B., assignor.)
- Sage, Herbert R., Los Angeles, Calif. Hot cap setter. 1,996,525; Apr. 2.
- Sage, Herbert R., Los Angeles, Calif. Manufacturing hot caps. 2,004,396; June 11.
- Sager, George F. (See Keller, F., and Sager.)
- Sager, Samuel N., Chicago, Ill. Goggles. 1,990,208; Feb. 5.
- Sager, Solomon M., Glencoe, Ill. Fountain pen. 2,019,734; Nov. 5.
- Sagi, Adalbert. (See Bienenstock, M., Csáki, Pless, and A. and E. Sági.)
- Sagi Eugen. (See Bienenstock, M., Csáki, Pless, and A. and E. Sági.)
- Saginaw Manufacturing Company. (See Sadenwater, Charles W., assignor.)
- Sagner, Walter T., West Hartford, Conn., assignor to Underwood-Elliott-Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,025,956; Dec. 31.
- Sahm, Richard J., assignor to J. D. Watkins, Chicago, Ill. Merchandise envelope. 1,987,751; Jan. 15.
- Saiknier, Etienne, Paris, France. Opening containers of all kinds. 2,005,665; June 18.
- Sailer, Rudolph J., Townley, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Folder support for sewing machines. 1,986,363; Jan. 1.
- Sailer, Rudolph J., Townley, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Folding guide for sewing machines. 1,988,140; Jan. 15.
- Sailer, Rudolph J., Townley, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser-foot for sewing machines. 2,015,463; Sept. 24.
- Sailer, Rudolph J., Townley, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Binder for sewing machines. 2,026,484; Dec. 31.
- St. Anne's Board Mill Company Limited, et al. (See Thomas, Reginald J., assignor.)
- St. Croix Lumber Company. (See Knowlton, Harry N., assignor.)
- St. Croix Lumber Company. (See Randall, B. M., and Knowlton, assignors.)
- St. George's Engineers Limited. (See Wilson, Frederick W., assignor.)
- St. Jacques, David B. (See Elter, N. J., and St. Jacques.)
- Saint-Jacques, Eugene C., Paris, France. Sorter or separator. 1,994,049; Mar. 12.
- Saint-Jacques, Eugene C., Paris, France. Separator. 2,015,464; Sept. 24.
- Saint-Jacques, Eugene C., assignor to Société Chantierine d'Applications Industrielles des Brevets, Paris, France. Apparatus for the roasting or the calcination of pulverulent materials. 2,025,402; Dec. 24.
- St. John, Everett, Westport, Conn., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Guy shield. 2,003,959; June 4.
- St. John, Joseph F., Chicago, Ill. Match book. 2,003,870; June 4.
- St. Joseph Iron Works. (See Schmidtke, Albert H., assignor.)
- St. Laurent, Herbert. (See Heany, J. A., and St. Laurent.)
- St. Laurent, Herbert, New Haven, Conn., assignor, by mesne assignments, to Radio Research Laboratories, Inc. Nonregenerative system and operating the same. 1,986,894; Jan. 8.
- St. Louis Cutting Die Company. (See Messmer, Charles A., assignor.)
- St. Louis, James A., Montclair, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Gaseous electric discharge device. 2,009,211; July 23.
- St. Onge, Ephrem C., Holyoke, Mass. Paint spraying device. 2,023,710; Dec. 10.
- St. Onge, Walter J., Torrington, Conn., assignor to The Westfield Manufacturing Company, Westfield, Mass. Bicycle construction. 1,994,837; Mar. 19.
- St. Paul Foundry Company. (See Gidlund, Eric O., assignor.)
- St. Paul Machinery Manufacturing Company. (See Kirby, Julian N., assignor.)
- St. Pierre, Henry, Worcester, Mass. Fire escape ladder. 1,994,408; Mar. 12.
- St. Pierre, Robert L. (See Jones, H. I., and Pierre.)
- St. Pierre, Rosario, Three Rivers, Quebec, Canada. Food severing and dicing device. 1,996,443; Apr. 2.
- Saives, Leon, assignor to L. Renault, Billancourt, France. Valve of explosion motors or internal combustion engines. 1,987,160; Jan. 8.
- Saives, Léon, assignor to L. Renault, Billancourt, France. Change speed apparatus. 2,024,538; Dec. 17.
- Sajak, Emil, Dresden, Germany. Leather dressing composition. 1,992,131; Feb. 19.
- Sajitz, Rudolf, Berlin, assignor to Chemische Fabrik Pott & Co. G. m. b. H., Pirna-Copitz, Germany. Increasing the storing capacity of undressed mineral tanned leather. 1,990,391; Feb. 5.
- Sakakura, Yukitoshi, Shibuya Ku, Tokyo, assignor to Toden Denkyu Kabushiki Kaisha, Tokyo, Japan. Incandescent electric lamp or the like and manufacturing same. 1,989,292; Jan. 29.
- Sakakura, Yukitoshi, Shibuya Ku, Tokyo, Japan. Frosting glass bulbs for incandescent lamps. 2,017,733; Oct. 15.
- Sakakura, Yukitoshi, Shibuya Machi, Toyotama Gun, Tokyo Fu, Japan. Frosting glass bulbs in gradation. 2,018,422; Oct. 22.
- Sakellariades, Jean G., Athens, Greece, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Production of tufted fabrics. 2,016,909; Oct. 8.
- Sakier, George, assignor to The Accessories Company, Inc., New York, N. Y. Bathroom unit. 1,997,433; Apr. 9.
- Sakier, George, assignor to The Accessories Company, Inc., New York, N. Y. Joint for bath tubs and the like. 2,010,036; Aug. 6.
- Sakier, George, assignor to The Accessories Company, Inc., New York, N. Y. Bathtub adapting means. 2,010,790; Aug. 6.
- Sakier, George, assignor to The Accessories Company, Inc., New York, N. Y. Bathtub adapting means. 2,010,791; Aug. 6.
- Saklatwalla, Byramji D. and H. E. Dunn, Crafton, Pa., assignors to Southern Mineral Products Corporation, New York, N. Y. Treatment of nelsonite ore. 1,999,825; Apr. 30.
- Saklatwalla, Byramji D., H. E. Dunn, Crafton, Pa., and A. E. Marshall, Scarsdale, N. Y., assignors to Southern Mineral Products Corporation, New York, N. Y. Making monocalcium phosphate. 2,012,436; Aug. 27.
- Saks, Ira. (See Skelton, Charles E., assignor.)
- Saladino, Charles, Middle Village, Long Island, N. Y. Cushion arch support. 2,009,789; July 30.
- Saladino, Joseph, Reading, Mass. Racket string tightening machine. 2,015,238; Sept. 24.
- Saladino, Joseph, Middle Village, Long Island, N. Y. Shoe sole. 2,020,969; Nov. 12.
- Sale, John W., assignor to Hummel-Ross Fibre Corporation, Hopewell, Va. Ply paper or board manufacture. 2,018,382; Oct. 22.
- Salemme, William, West Orange, N. J. Doll's eye mechanism. 1,997,123; Apr. 9.
- Saler, Jules N., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Evaporator of sheets of different materials. 2,009,746; July 30.
- Salerni, Nicholas B., Indianapolis, Ind. High colonic therapy apparatus. 2,022,742; Dec. 3.
- Salfsberg, Leroy L., South Orange, N. J. Package and making same. 2,008,659; July 16.
- Salfsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Product packaging. 2,012,405; Aug. 27.
- Saline Ludwigsballe. (See Hilscher, F. W., and Schwemmer, assignors.)
- Salisbury, Eric H., Norton-on-Tees, England, assignor to Imperial Chemical Industries, Limited. Production of nitrogen. 2,013,809; Sept. 10.
- Salisbury, Jessup, Mount Carmel, assignor to The American Buckle Company, West Haven, Conn. Double-loop buckle. 2,021,640; Nov. 19.
- Salisbury, Moses B., Chicago, Ill. Jingle ball. 2,003,957; June 4.
- Salisbury, Moses B., Chicago, Ill. Imitation bone and the like. 2,003,958; June 4.
- Salisbury, Roy J. (See Allison, J. F., and Salisbury.)
- Salles, Pierre M. R., Cauderan and M. R. Loubatié, Arcachon, France. Manufacture of organic iodine compounds. 2,007,479; July 9.
- Salley, Leon F., Darien, Conn., assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Protective covering. 1,995,750; Mar. 26.
- Salley, Richard B., Winston-Salem, N. C. Heat exchanger. 2,026,438; Dec. 31.
- Salmon, Harlan A., Washington, D. C. Sleeve board bracket support for ironing boards. 2,008,596; July 16.
- Salmon, Peter J. (See Boyens, E. and Salmon.)
- Salmons, Claude C., Ventnor City, assignor of one-fourth to W. B. Powell, Cape May Court House, N. J. Vehicle seat. 2,009,024; July 23.

- Salnikoff, Wadim, Berlin, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Transfer of liquefied gases. 2,001,353; May 14.
- Salomon, Adolf, Berlin-Charlottenburg, assignor to Carl Lindström Aktiengesellschaft, Berlin, Germany. Electric discharge tube. 1,992,888; Feb. 26.
- Salomon, Irving, Michigan City, Ind. Folding chair. 1,988,811; Jan. 22.
- Salt, Lloyd B. (See Allen, G. W., and Salt.)
- Salter, Carl S., assignor of one-fourth to D. Coalson, Brownwood, Tex. Producing artists' charcoal. 1,990,134; Feb. 5.
- Salter, George, and Company Limited. (See Wyatt, Frank, assignor.)
- Saltex Looms, Inc., The. (See Crabtree, Leonard L., assignor.)
- Saltser & Weinsier, Inc. (See Baumgarten, Jacob, assignor.)
- Saltzman, Jacob, Shickley, Nebr. End gate. 1,995,582; Mar. 26.
- Salvati, Alberto T. and A. A. Salvati, Bernal, Argentina. Surgical injection needle and the like. 2,008,340; July 16.
- Salvati, Augustin Alceste. (See Salvati, Alberto T. and A. L.)
- Salvi, Joseph, and G. S. Cuning, Los Angeles, Calif. Asphalt terrazzo composition and laying the same. 2,014,700; Sept. 17.
- Salvo, Victor and Vincent, New York, N. Y. Safety clip snap for bracelets and the like. 2,020,163; Nov. 5.
- Salvo, Vincent. (See Salvo, V. and C.)
- Salwen, Nathan, Brooklyn, N. Y. Closure for articles of apparel. 1,990,311; Feb. 5.
- Salzberg, Bernard, Rocky Point, N. Y., assignor to Radio Corporation of America. Hum elimination. 1,990,502; Feb. 12.
- Salzberg, Bernard, Rocky Point, N. Y., assignor to Radio Corporation of America. Frequency multiplication. 1,999,884; Apr. 30.
- Salzberg, Bernard, East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,017,549; Oct. 15.
- Salzberg, Paul L. (See Flint, R. B., and Salzberg.)
- Salzberg, Paul L. (See Izard, E. F., and Salzberg.)
- Salzberg, Paul L. (See Lawson, W. E., and Salzberg.)
- Salzberg, Paul L., and E. W. Bousquet, Wilmington, Del., assignors, by mesne assignments, to The Grasselli Chemical Company, Cleveland, Ohio. Parasticide derived from higher alcohols. 1,993,040; Mar. 5.
- Salzberg, Paul L., and W. R. Peterson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Fuel. 2,009,818; July 30.
- Salzgeber, Gustave A., Dorchester, Mass. Compass. 2,018,536; Oct. 22.
- Salzman, George S. (See Palm, J. V. O., and Salzman.)
- Salzman, George S., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Bearing manufacture. 1,987,752; Jan. 15.
- Salzman, Jack, Bronx, N. Y. Ornament. 2,020,855; Nov. 12.
- Salzman, Max H., New York, N. Y. Budget box. 2,026,362; Dec. 31.
- Samantas, Nicholas P. (See Blackmun, C. W., Samantas, and Lindstrom.)
- Samblanet, Herman L. (See McCahan, J. H., Fuller, and Samblanet.)
- Sambleson, Robert F., Bridgeport, Conn., assignor to General Electric Company. Electric connector. 2,025,550; Dec. 24.
- Sambraus, Adolf, Berlin-Charlottenburg, Germany. Soldering. 2,007,308; July 9.
- Samek, Franciszek K., Miedzylesie, near Warsaw, Poland. Manufacture of spur and bevel wheels. 2,024,747; Dec. 17.
- Samelow, Samuel J., assignor to B. S. Stanton, Chicago, Ill. Shower-stall-bathtub. 2,015,021; Sept. 17.
- Sammons, Jack S., et al. (See Morris, Charles E., assignor.)
- Sampietro, Cornelius, Brooklyn, N. Y. Musical instrument. 1,995,751; Mar. 26.
- Sampson, Dewitt F., Elmhurst, Ill., and J. M. Hotherhall, Brooklyn, assignors to American Can Company, New York, N. Y. Container opener. 1,996,550; Apr. 2.
- Sampson, Dewitt F., Elmhurst, Ill., and J. M. Hotherhall, Brooklyn, assignors to American Can Company, New York, N. Y. Container opener. 1,996,551; Apr. 2.
- Sampson, Frederick W. (See Geyer, H. D., and Sampson.)
- Sampson, Frederick W., assignor to Inland Manufacturing Company, Dayton, Ohio. Torsional reactance dampener. 1,991,579; Feb. 19.
- Sampson, Harold A., Burlingame, Calif. Golf bag. 2,009,072; July 23.
- Sampson, Harold A., Burlingame, Calif. Golf bag. 2,023,792; Dec. 10.
- Sampson, Robert W., assignor to C. J. Hardy, New York, N. Y. Yieldable seat and the like. 1,993,228; Mar. 5.
- Sampson, Robert W., assignor to C. J. Hardy, New York, N. Y. Forming hollow articles out of sheet rubber or the like. 2,007,548; July 9.
- Sampson, Willie J., Denison, Tex. Fishing pole support. 1,987,842; Jan. 15.
- Sams, James A., Schenectady, and C. D. Moriarty, Utica, N. Y., assignors to General Electric Company. Magnetic testing apparatus. 2,007,772; July 9.
- Sams, Virgil J., and R. C. McMichael, Orafino, Nebr. Automobile tire pump. 1,994,874; Mar. 19.
- Samson, Curt. (See Reiter, C., Loebe, Samson, Bobek, and Grossmann.)
- Samson, Henry L., New York, N. Y., assignor to National Paper Products Company, San Francisco, Calif. Paper dispensing cabinet. 1,989,381; Jan. 29.
- Samson, Julius J. (See Kiss, Steve, assignor.)
- Samson, Martin H., et al. (See Quisenberry, Frank R., assignor.)
- Samson, Sam, Stevenson, Wash. Cableway load carrier. 1,994,963; Mar. 19.
- Samson, Torsten, Stockholm, Sweden. Cleaning sulphite cellulose preheaters. 2,008,839; July 23.
- Samson-United Corporation. (See Samuels, Abe O., assignor.)
- Samuel, Arthur L., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,000,990; May 14.
- Samuel, Arthur L., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,025,075; Dec. 24.
- Samuel, Mary E., Martins Ferry, Ohio. Molding pan. 2,022,828; Dec. 3.
- Samuel, Sigmund, York, Pa. Elevator safety gate. 1,993,285; Mar. 5.
- Samuel Stamping and Enameling Company. (See Rau, Charles R., assignor.)
- Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Electric toaster. 2,008,799; July 23.
- Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Nontwisting extension cord for electrical devices. 2,014,146; Sept. 10.
- Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Lifting means for waffle irons and other baking devices. 2,023,791; Dec. 10.
- Samuels, Abe O., assignor to Samsen-United Corporation, Rochester, N. Y. Baking and searing plate. 2,026,286; Dec. 31.
- Samuels-Kleiner, Ltd. (See Sabins, George G., assignor.)
- Samuels, Raemon C., Philadelphia, Pa., assignor to General Electric Company. Protective system. 2,004,768; June 11.
- Samuels Shoe Company. (See Weinstat, Samuel, assignor.)
- Samuels, William, assignor to General Motors Corporation, Detroit, Mich. Auxiliary spring. 1,991,580; Feb. 19.
- Samuelson, Frederick, Rugby, England, assignor to General Electric Company. Gas turbine power plant. 2,011,420; Aug. 13.
- Samuelson, Theodore E. (See Norcross, L., and Samuelson.)
- San Antonio, Edmond C. (See Almaraz, E. S., and San Antonio.)
- Sanben Corporation. (See Bender, Charles, assignor.)
- Sanborn, Frederick D., Jr. (See Jeffrey, M. L., Eickhoff, and Sanborn.)
- Sanborn, Frederick D., Jr., Cleveland, assignor, by mesne assignments, to The M. L. Jeffrey Corporation, Cleveland, Ohio. Locking device. 2,017,474; Oct. 15.
- Sanborn, Joseph R., Cambridge, Mass., assignor to International Paper Company. Sheet material and manufacturing the same. 2,026,253; Dec. 31.
- Sanborn, William L. (See Crosiar, Glenn F., assignor.)
- Sanchez, Pedro, Buffalo, N. Y. Refining sugar. 1,989,156; Jan. 29.
- Sanchez, Richard F., and B. M. Zullo, Brooklyn, N. Y. Automatic machine tool assembly. 2,005,563; June 18.
- Sanchez-Vello, Leopoldo, Nogent-sur-Marne, France, assignor to Maatschappij tot Beheer en Exploitatie van Octrooien, The Hague, Netherlands. Manufacture of glass tubing and cane. 2,009,326; July 23.
- Sanchez-Vello, Leopoldo, Nogent-sur-Marne, France, assignor to Maatschappij tot Beheer en Exploitatie van Octrooien, The Hague, Netherlands. Manufacture of glass tubes and automatic apparatus embodying the same. 2,009,793; July 30.
- Sand, John, Newark, N. J., assignor to Gemex Company, Bracelet buckle. 2,001,216; May 14.
- Sandberg, Nels H., assignor to Waldorf Paper Products Company, St. Paul, Minn. Machine for constructing egg flats and cushion pads. 1,989,293; Jan. 29.
- Sandberg, Nels H., assignor to Waldorf Paper Products Company, St. Paul, Minn. Machine for forming egg flats. 2,025,179; Dec. 24.
- Sandberg, Robert E. (See Onions, H. J., and Sandberg.)
- Sandberg, Robert L. (See Coleman, R. L., and Sandberg.)
- Sandberg, Robert N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for use in applying pressure to shoe bottoms. 2,005,754; June 25.
- Sandberg, Teodor W. (See Pettersson, G. F., and Sandberg.)
- Sandel Manufacturing Co. (See Waltman, Chauncey E., assignor.)
- Sandell, H. N., Company. (See Sandell, Harry N., assignor.)
- Sandell, Harry N., assignor to H. N. Sandell Company, Boston, Mass. Waterproof sheet material for building construction. 2,017,106; Oct. 15.

- Sandell, Henry K., Chicago, Ill. Awning apparatus. 1,988,666; Jan. 22.
- Sanden, Arthur G., Bellingham, Wash. Air-jet propelled conveyance. 2,005,473; June 18.
- Sander, Louis J., Buffalo, N. Y. Cover for pipe ends. 1,996,436; Apr. 2.
- Sander, Wilhelm, assignor to the firm The Goldschmidt A-G., Essen-on-the-Ruhr, Germany. Introducing steel forming additions into the aluminogenetic iron in aluminothermal welding. 2,024,132; Dec. 10.
- Sanders, Albert D., Jr. (See Weber, G. B., and Sanders.)
- Sanders, Arnold S., Los Angeles, Calif. Slipper-napkin for drinking receptacles. 2,017,168; Oct. 15.
- Sanders, Charlan E., San Jose, Calif. Ladder. 2,016,792; Oct. 8.
- Sanders, Ernest E., Detroit, Mich. Show case refrigerator. 2,014,590; Sept. 17.
- Sanders, Ernest E., Detroit, Mich. Hinged door construction. 2,014,591; Sept. 17.
- Sanders, James McC., London, England. Container for asphalt. 2,015,290; Sept. 24.
- Sanders, Marshall T., Wilmington, Del., and R. A. Hales, Passaic, N. J., assignors to Atlas Powder Company, Wilmington, Del. Apparatus for simultaneously spinning, twisting, and purifying rayon. 1,990,617; Feb. 12.
- Sanders, Ray H. (See Hill, L. R., Raymond, and Sanders.)
- Sanders, Vernon H., assignor to Stackpole Carbon Company, St. Marys, Pa. Switch contact. 1,986,224; Jan. 1.
- Sanders, Walter C., assignor to The Timken Roller Bearing Company, Canton, Ohio. Generator driving axle. 2,023,856; Dec. 10.
- Sanderson, Edgar L., Shreveport, La. Resuscitation apparatus. 1,995,583; Mar. 26.
- Sanderson, Paisley M., Georgetown, S. C. Workman's garment. 1,998,739; Apr. 23.
- Sanderson, Ray R., Orrville, Ohio. Drill bit. 1,994,791; Mar. 19.
- Sanderson, Ray R., Orrville, Ohio. Drill bit. 1,994,792; Mar. 19.
- Sanderson, Ray R., Orrville, Ohio. Drill bit. 1,995,043; Mar. 19.
- Sanderson, Ray R., Orrville, Ohio. Drill bit. 2,022,055; Nov. 26.
- Sandfort, Mark, Berkeley, assignor to H. N. Wolff, San Francisco, Calif. Radio direction finder. 2,026,254; Dec. 31.
- San Francisco Sulphur Company. (See Wieder, Ferd W., assignor.)
- Sandhaas, Wilhelm. (See Baumann, P., Bueckert, Sandhaas, and Schilling.)
- Sandherr, Frederick H., Richmond Heights, Mo. Tractor wheel. 1,997,835; Apr. 16.
- San Diego Fruit and Produce Company. (See Matthews, H. Warntjes, Arthurs and Wilkinson, assignors.)
- Sandin, Jerome, Penn Township, Allegheny County, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fuse block. 2,011,654; Aug. 20.
- Sandin, Jerome, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fuse cut-out. 2,016,099; Oct. 1.
- Sandler, Jacob, Brookline, Mass. Shoe. 2,005,007; June 18.
- Sando, Joseph B., Norwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Apparatus for cleaning fabrics. 2,011,083; Aug. 13.
- Sando, Joseph B., assignor to The American Laundry Machinery Company, Norwood, Ohio. Door clamp. 2,017,922; Oct. 22.
- Sando, Joseph B., Norwood, and H. F. Grubler, Cincinnati, assignors to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine and control mechanism therefor. 2,006,749; July 2.
- Sandor, Nicholas, Surbiton, assignor to Mechanical Informator (1933) Limited, London, England. Indicating device for displaying variable information. 2,013,506; Sept. 3.
- Sand Spun Patents Corporation. (See Barr, C. D., and Moxley, assignors.)
- Sands Manufacturing Company, The. (See Hamilton, Paul H., assignor.)
- Sandstrom, Felix C., Milwaukee, Wis., assignor to International Harvester Company. Cream separator bowl. 2,017,734; Oct. 15.
- Sandura Company. (See Jackson, James J., assignor.)
- Sandvikens Jernverks Aktiebolag. (See Frid, Eric, assignor.)
- Sandvoss, Hermann, Frankfurt-on-the-Main-Osthafen, Germany. Temperature regulator. 2,013,480; Sept. 3.
- Sandvoss, Hermann, Osthafen, Frankfurt-on-the-Main, Germany. Pressure regulator. 2,013,766; Sept. 10.
- Sandy, Thomas, Goderich, Ontario, Canada. Screening apparatus. 2,001,549; May 14.
- San Electro Company, The. (See Bergstrom, Carl, assignor.)
- San-Est Co. (See Simning, Roy B., assignor.)
- Sanford, Alfred E., Knoxville, Tenn. Refrigerating apparatus. 2,004,014; June 4.
- Sanford, Carleton R. (See Case, C. Z., and Sanford.)
- Sanford, Frank A. (See Gray, Garold C. J., assignor.)
- Sanford, Hugh W., Knoxville, Tenn. Rail transit appliance for road vehicles. 1,986,120; Jan. 1.
- Sanford, Hugh W., Knoxville, Tenn. Bottom dump apparatus. 1,986,943; Jan. 8.
- Sanford, Hugh W., Knoxville, Tenn. Latch for automatic dumping vehicles. 2,001,471; May 14.
- Sanford, Hugh W., Knoxville, Tenn. Low bottom car. 2,013,583; Sept. 3.
- Sanford Investment Corporation. (See Light, Eber W., assignor.)
- Sanford, John W., Claremont, N. H., assignor to Sullivan Machinery Company. Apparatus for blasting. 2,021,898; Nov. 26.
- Sanford Mills. (See Morgan, George A., assignor.)
- Sanford, Roy S., assignor to Bendix-Cowdrey Brake Tester, Inc., South Bend, Ind. Testing apparatus for aeroplanes. 1,986,605; Jan. 1.
- Sanford, Roy S., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Control mechanism. 2,002,511; May 28.
- Sanford, Roy S., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Control mechanism. 2,006,412; July 2.
- Sanford, Roy S., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Vacuum clutch control. 2,008,727; July 23.
- Sanford, Roy S., New York, N. Y., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,009,095; July 23.
- Sanford, Roy S., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,009,096; July 23.
- Sanford, Roy S., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Clutch control mechanism. 2,021,897; Nov. 26.
- Sanford, Roy S., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,022,435; Nov. 26.
- Sanford, Roy S., New York, N. Y., and R. P. Breese, assignors to Bendix Aviation Corporation, South Bend, Ind. Gear shifting mechanism. 1,994,835; Mar. 19.
- Sanford, Selden B., Yonkers, assignor to Otis Elevator Company, New York, N. Y. Retarding device. 1,995,721; Mar. 26.
- Sanford, Selden B., and D. C. Larson, Yonkers, assignors to Otis Elevator Company, New York, N. Y. Switching mechanism. 1,997,655; Apr. 16.
- Sangamo Company. (See Feavyear, G., and Muir, assignors.)
- Sangamo Company Limited. (See Nehls, H., and Keiser, assignors.)
- Sangamo Electric Company. (See Wilmeth, R. H., and Keys, assignors.)
- Sangers, John H., assignor to The Ohio Carbon Company, Cleveland, Ohio. Spark plug resistor. 1,997,804; Apr. 16.
- Sangster, William, Peterborough, Ontario, Canada, assignor to De Laval Separator Company, New York, N. Y. Heat exchanger. 1,991,631; Feb. 19.
- Sanial, Eugene, assignor to Societe a Responsabilite Limitee dite: Distillation a Basse Temperature et Agglomeration des Combustibles, Paris, France. Apparatus for molding fuel briquettes. 2,026,439; Dec. 31.
- Sanitary Public Service Corporation. (See Schaefer, George, Jr., assignor.)
- Sanitary Refrigerator Company. (See Miller, Boynton K., assignor.)
- Sankey, Joseph and Sons Limited. (See Wilkins, Walter S., assignor.)
- Sannipoli, Roger, Detroit, Mich. Fruit jar cap wrench and rethreader. 1,998,557; Apr. 23.
- Sannipoli, Roger, Detroit, Mich. Fruit jar vise. 2,016,823; Oct. 8.
- Sansonetti, John, Chicago, Ill. Roof gutter bracket. 2,004,448; June 11.
- Santa Cruz Portland Cement Company. (See Rice, Edward W., assignor.)
- Santarsiero, Antonio V., New York, N. Y. Aeroplane and helicopter. 1,988,919; Jan. 22.
- Santiago, James J., assignor to J. Grant, Los Angeles, Calif. Reamer and well scraper. 1,992,546; Feb. 26.
- Santiago, James J., assignor to J. Grant, Los Angeles, Calif. Hydraulic expansive reamer. 1,993,182; Mar. 5.
- Santiago, Juan S., San Turce, P. R. Sectional shade awning. 1,997,434; Apr. 9.
- Santiago, Manoel C., Johannesburg Transvaal Province, Union of South Africa. Apparatus for filtering liquids or separating solids from liquids. 2,022,524; Nov. 26.
- Santiago, Manoel C., and J. de Bruyne, Johannesburg, Transvaal, Union of South Africa. Pump. 1,988,337; Jan. 15.
- Santon, Elliot A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom take-up mechanism. 2,021,432; Nov. 19.
- Santon, Elliot A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle check and release for drop box looms. 2,025,906; Dec. 31.
- Santora, Daniel J., West Collingswood, N. J. Automatic signal and stop light. 1,992,775; Feb. 26.
- Santora, Joseph, New York, N. Y. Tool handle. 2,010,202; Aug. 6.
- Santurello, Peter, Columbus, Ohio. Hair drier. 2,003,610; June 4.
- Santurello, Peter, Columbus, Ohio. Hair waving apparatus. 2,003,611; June 4.
- Sanzenbacher, Wilhelm, Zurich, Switzerland. Alloy. 1,994,112; Mar. 12.
- Saper, Lewis H., et al. (See Wallace, Alexander, assignor.)
- Saperstein, Jacob, Brooklyn, N. Y. Combined bookcase, folding bed, and radio. 1,990,959; Feb. 12.

- Sapp, Baxter B., Raleigh, N. C. Highway marker. 2,015,695; Oct. 1.
- Sapp, John P. (See Haren, U. C., and Sapp.)
- Sapper, Charles H. (See Kirkland, H. T. Sapper, Lasting, and Elkin.)
- Sapper, Charles H., H. T. Kirkland, H. B. Lasting, and J. Elkin, assignors to Pressed Metals Commodities, Inc., Portsmouth, Va. Smoker's appliance. 2,006,905; July 2.
- Sapperstein, Herman. (See Danuff, I. R., Horowitz, and Sapperstein.)
- Sarac, Rade, Flint, Mich. Portable work equipment holder and supporting structure. 2,020,216; Nov. 5.
- Sarar, Stjepan, Detroit, Mich. Brick facing support. 2,000,616; May 7.
- Sarazin, Robert, Neuilly-sur-Seine, France. Electrode for arc welding. 1,995,584; Mar. 26.
- Sarber, Emery N., Vancouver, British Columbia, Canada. Advertising condiment shaker. 2,000,419; May 7.
- Sarbey, Maurice D., Bay Village, Ohio. Motor. 1,999,303; Apr. 30.
- Sarbey, Maurice D., Bay Village, Ohio. Electrical selector system. 2,008,563; July 16.
- Sardik Incorporated. (See Dickinson, Arnold C., assignor.)
- Sardinha, Orlando da Cruz, Rio de Janeiro, Brazil. Process adapted to convert siccativ oil into an emulsion for application on surfaces of cement, wood, or stucco. 1,998,845; Apr. 23.
- Sörenholm, Einar, Eskilstuna, Sweden. Folding bed. 2,024,836; Dec. 17.
- Sargent, Allan C., assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass. Sectional endless screen conveyor. 1,995,821; Mar. 26.
- Sargent, Allan C., assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass. Screen section or apron for conveyers. 1,995,822; Mar. 26.
- Sargent, C. G., Sons Corporation. (See Forty, Albert G., assignor.)
- Sargent, Charles W. (See Miller, H. S., and Sargent.)
- Sargent & Company. (See Voight, Henry G., assignor.)
- Sargent & Company. (See Shaw, John H., assignor.)
- Sargent & Company. (See Shaw, J. H., and Drexler, assignors.)
- Sargent, Don A., Portland, Maine. Ventilating and air conditioning apparatus. 2,021,521; Nov. 19.
- Sargent, Edward B., Mount Lebanon, assignor, by mesne assignments, to H. H. Robertson Company, Pittsburgh, Pa. Fishing funnel. 1,986,121; Jan. 1.
- Sargent, Edward B., Mount Lebanon, assignor, by mesne assignments, to H. H. Robertson Company, Pittsburgh, Pa. Partition riser. 1,986,122; Jan. 1.
- Sargent, Edward B., Mount Lebanon, assignor to H. H. Robertson Company, Pittsburgh, Pa. Conduit system. 1,994,113; Mar. 12.
- Sargent, Edwin M., Tampa, Fla., assignor of seven one-hundredths to Howard S. Dickey, Newton, and one two-hundredths to G. B. Corbett, Wichita, Kans. Control valve for containers. 2,006,369; July 2.
- Sargent, Edwin M., Mattoon, Ill., assignor of seven one-hundredths to H. S. Dickey, Newton, and one two-hundredths to G. B. Corbett, Wichita, Kans. Container. 2,006,722; July 2.
- Sargent & Greenleaf, Inc. (See Hill, Gerrit D., assignor.)
- Sargent, Ralph M., Franklin Park, Mass. Utensil support. 2,010,931; Aug. 13.
- Sargent, Richard B., Emaus, Pa., assignor to International Motor Company, New York, N. Y. Cooling device for vehicle brake drums. 1,990,882; Feb. 12.
- Sargent, Sullivan A., Jr., trustee et al. (See Annin, Douglas H., assignor.)
- Sargent, Sullivan A., Jr., et al., trustees. (See Belae, Nikolai, assignor.)
- Sargent, Sullivan A., Jr., trustee et al. (See Colby, Harold L., assignor.)
- Sargent, Sullivan A., Jr., et al., trustees. (See Dahl, Edward T., assignor.)
- Sargent, William D., New York, N. Y., assignor, by mesne assignments, to Durafer (Inc.), Dover, Del. Composite brake drum structure. 1,989,465; Jan. 29.
- Sargent, William D., New York, N. Y., assignor, by mesne assignments, to Durafer (Inc.), Dover, Del. Brake structure. 1,992,242; Feb. 26.
- Sargent, William D., Newark, N. J., assignor, by mesne assignments, to Durafer (Inc.), Dover, Del. Centrifugal casting machine and method. 2,002,962; May 28.
- Sargent, William D., New York, N. Y., and W. A. Geiseler, Newark, N. J., assignors, by mesne assignments, to Durafer (Inc.), Dover, Del. Machine for centrifugal casting. 1,992,241; Feb. 26.
- Sargent, William D., New York, N. Y., and W. A. Geisler, Newark, N. J., assignors, by mesne assignments, to Durafer (Inc.), Dover, Del. Centrifugal casting machine. 2,009,025; July 23.
- Sargent's, C. G., Sons Corporation. (See Furbush, Frank L., assignor.)
- Sargent's, C. G., Sons Corporation. (See Hogg, James A., assignor.)
- Sargent's, C. G., Sons Corporation. (See Sargent, Allan C., assignor.)
- Sarison, Philip, Brooklyn, N. Y., assignor, by mesne assignments, to Control United National Bank, Cleveland, Ohio, trustee. Automatic taximeter control. 2,016,457; Oct. 8.
- Sark, Astra vorn Arunow, Lyon-Brotteaux, assignor to Société Anonyme Prisma, Lyon, France. Process and device for rotary simultaneous printing by means of multicolored printing blocks. 1,998,028; Apr. 16.
- Sarles, George A. (See Heaney, Mark F., assignor.)
- Sarona, Inc. (See Erdmann, Hans M., assignor.)
- Sarosdy, Louis J., Beaver Falls, assignor to Koppel Industrial Car and Equipment Company, Koppel, Pa. Form construction. 2,012,590; Aug. 27.
- Sarosdy, Louis J., Beaver Falls, assignor to Koppel Industrial Car and Equipment Company, Koppel, Pa. Collapsible steel centering. 2,020,519; Nov. 12.
- Sarosdy, Louis J., Beaver Falls, assignor to Koppel Industrial Car and Equipment Company, Koppel, Pa. Centering device for concrete forms. 2,020,520; Nov. 12.
- Sarsfield, James M., Chicago, Ill. Aerial toy. 1,994,202; Mar. 12.
- Sart, Gilbert D., Salem, assignor of one-half to Agoos Leather Companies, Inc., Boston, Mass. Ornamented leather and making the same. 2,002,792; May 28.
- Sasaki, Rinjiro, Oaza Sendagaya, Sendagaya-Machi, Toyotama-Gori, Tokyo, assignor to Zaidan Hojin Ryosokoku Kenkyu-Kwai, Tokyo Prefecture, Japan. Manufacturing rolled buckwheat. 1,992,582; Feb. 26.
- Sasayama, Nakaji. (See Sumi, R., and Sasayama.)
- Saseen, Bernard. (See Ernst, H., and Sassen.)
- Sassen, Bernard, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Pattern controlled die-sinking machine. 2,024,256; Dec. 17.
- Sasek, John R., Edwardsville, Ill., assignor to The L. S. Starrett Company, Athol, Mass. V-block. 1,994,422; Mar. 12.
- Sasgen, Michael J., assignor to Grand Specialties Company, Chicago, Ill. Overhead door holder. 2,012,731; Aug. 27.
- Sashoff, Stephan P., Gainesville, Fla., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Grid glow tube structure. 2,003,012; May 28.
- Sass, Friedrich, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Regulation means for internal combustion engines with injection without air and variable speed. 1,996,710; Apr. 2.
- Sass, Friedrich, Charlottenburg, Germany, assignor to General Electric Company. Multicylinder combustion engine. 2,018,472; Oct. 22.
- Sass, Friedrich, Berlin, and E. Daiber, Lichterfelde-West, Germany, assignors to General Electric Company. Combustion engine. 2,019,321; Oct. 29.
- Sassen, Bernard. (See Dall, A. H., and Sassen.)
- Sassen, Bernard, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Dual pattern controlled machine tool. 1,999,787; Apr. 30.
- Sassen, Bernard, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Hydraulically controlled automatic die sinking machine. 2,003,557; June 4.
- Sassen, Bernard, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Hydraulic power unit. 2,010,377; Aug. 6.
- Sassen, Bernard, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Hydraulic power unit. 2,010,378; Aug. 6.
- Sassen, Bernard, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Automatic positioning mechanism for machine tools. 2,012,249; Aug. 20.
- Satchwell, Leonard, Slough, England. Automatic control of combustion furnaces. 2,012,322; Aug. 27.
- Sather, Oliver H., Chicago, Ill. Rotary folding mechanism. 2,016,298; Oct. 8.
- Sato, Takeo, Honolulu, Hawaii. Wire handling device. 1,990,135; Feb. 5.
- Satow, Katsube, Price, Utah. Automobile signal. 2,020,577; Nov. 12.
- Satow, Teikichi, Tokyo, Japan. Waterproof glue product and making the same. 1,994,050; Mar. 12.
- Satow, Teikichi, Tokyo, Japan. Building material and making the same. 2,007,585 July 9.
- Satre, Hilmar E., Chicago, Ill., assignor, by mesne assignments, to Spencer, White & Prentiss, Incorporated, New York, N. Y. Caisson liner and applying. 1,997,312; Apr. 9.
- Satre, Hilmar E., Chicago, Ill., assignor, by mesne assignments, to Spencer, White & Prentiss, Incorporated, New York, N. Y. Boring and dumping auger. 1,997,313; Apr. 9.
- Satre, Hilmar E., Chicago, Ill., assignor, by mesne assignments, to Spencer, White & Prentiss, Incorporated, New York, N. Y. Caisson boring machine. 1,998,591; Apr. 23.
- Satre, Hilmar E., Chicago, Ill., assignor, by mesne assignments, to Spencer, White & Prentiss, Incorporated, New York, N. Y. Excavating, hoisting, dumping, and conveying apparatus. 2,001,502; May 14.
- Satre, Hilmar E., Chicago, Ill., assignor, by mesne assignments, to Spencer, White & Prentiss, Incorporated, New York, N. Y. Excavating and conveying machine. 2,001,503; May 14.
- Satre, Hilmar E., Chicago, Ill., assignor, by mesne assignments, to Spencer, White & Prentiss, Incorporated, New York, N. Y. Forming piles. 2,003,393; June 4.

- Satterlee, Francis L., Montauk, and L. W. Kolozsy, Astoria, N. Y., assignors to Radio Systems, Inc. Radio receiving and distributing system. 1,989,466; Jan. 29.
- Satterlee, Francis LeR., Montauk, and L. W. Kolozsy, Astoria, N. Y., assignors to Radio Systems, Inc. Distributing alternating currents. 2,023,857; Dec. 10.
- Satterlee, Henry Y., Woodmere, N. Y., assignor to Kellett Autogiro Corporation, Philadelphia, Pa. Apparatus for towing a sign. 2,011,202; Aug. 13.
- Sattler, Edward J., Mineral City, Ohio. Car supporting means. 2,024,603; Dec. 17.
- Saturn Heater Corporation. (See Hodges, Lee W., assignor.)
- Satzinger, Gebhard, Bad Kissingen, Germany. Machine for comminuting foodstuffs. 2,013,009; Sept. 3.
- Saubestre, Basil F., Brooklyn, assignor to American Can Company, New York, N. Y. Tearing strip container. 1,991,420; Feb. 19.
- Sauchelli, Vincent, Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Composition for the destruction of undesired vegetation. 1,997,750; Apr. 16.
- Sauer, Eberhard. (See Kaiser, Jacob.)
- Sauer, George. (See Rubel, C. F., and Sauer.)
- Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Lock stitch sewing machine. 2,009,327; July 23.
- Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Lock stitch sewing machine. 2,009,328; July 23.
- Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,009,747; July 30.
- Sauer, Henry, New York, N. Y. Locking device for foldable measures. 2,021,202; Nov. 19.
- Sauer, Henry J., assignor to The Kilborn-Sauer Company, Fairfield, Conn. Road torch. 1,991,773; Feb. 19.
- Sauer, Henry J., assignor to The Kilborn-Sauer Company, Fairfield, Conn. Lamp. 2,001,472; May 14.
- Sauer, Henry W., South Euclid, assignor to The Ohio Electric Mfg. Co., Cleveland, Ohio. Toy magnet crane. 2,020,802; Nov. 12.
- Sauer, Henry W., South Euclid, assignor to The Ohio Electric Mfg. Co., Cleveland, Ohio. Toy Magnet crane. 2,020,803; Nov. 12.
- Sauer, Howard A., assignor to Eastman Kodak Company, Rochester, N. Y. Film magazine. 2,008,994; July 23.
- Sauer, Teckla, Milwaukee, Wis. Tag. 2,023,102; Dec. 3.
- Sauerstoff-Central für Medizinische-Zwecke, Dr. Ernst Silten. (See Wentzel, Hermann, assignor.)
- Saul, George N., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone exchange system. 2,006,483; July 2.
- Sauls, James L., Angola, Ind., assignor to The Texas Company, New York, N. Y. Pneumatic vibration detector. 2,013,993; Sept. 10.
- Saulsbury, Lawrence W., assignor to Eagle Pencil Company Inc., New York, N. Y. Display carton. 1,987,804; Jan. 15.
- Saunders, Albert C. W., Medford, Mass. Device for testing electric circuits. 1,986,414; Jan. 1.
- Saunders, Frederick T. (See Shepherd, W., Saunders, and Hartridge.)
- Saunders, John J., and P. Féguenne, Edmonton, Alberta, Canada. Steam generating system. 1,997,535; Apr. 9.
- Saunders, Laurence P., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Engine cooling system. 2,011,876; Aug. 20.
- Saunders, Norman H., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 1,999,788; Apr. 30.
- Saunders, Norman H., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,023,702; Dec. 10.
- Saunders, Philip K., Montreal, Quebec, Canada. Diaphragm valve. 1,992,043; Feb. 19.
- Saunders, Thomas A., Washington, D. C. Generator control for automobiles. 1,996,656; Apr. 2.
- Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Seat adjusting mechanism. 2,019,159; Oct. 29.
- Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Rail-car truck. 1,992,506; Feb. 26.
- Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Car wheel. 2,005,302; June 18.
- Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Flexible connection. 2,006,303; June 25.
- Saureschutz-Gesellschaft m. b. H. (See Hartke, Fritz, assignor.)
- Saurwein, Karl. (See Ulrich, H., and Saurwein.)
- Savage, Stanley, Chicago, Ill. Cooking apparatus. 2,007,876; July 9.
- Savage, Stanley, Chicago, Ill. Electric heating unit for food cookers. 2,007,877; July 9.
- Savage, William H., assignor, by mesne assignments, to Royal Railway Improvements Corporation, New York, N. Y. Regulator for brake rigging. 1,991,261; Feb. 12.
- Savage, William H., assignor, by mesne assignments, to Royal Railway Improvements Corporation, New York, N. Y. Regulator for brake rigging. 1,991,262; Feb. 12.
- Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Fluid compensator. 1,991,421; Feb. 19.
- Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Double opposed compressor. 1,999,211; Apr. 30.
- Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Valve assembly for compensators. 2,001,749; May 21.
- Sauzedde, Claude, St. Clair, Mich., assignor to Detroit Hydrostatic Brake Corporation. Wheel hub hydraulic brake. 2,008,728; July 23.
- Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Motor vehicle dirigible braking wheel. 2,008,729; July 23.
- Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Wheel structure. 2,017,076; Oct. 15.
- Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Compressor for fluid actuated brakes. 2,018,685; Oct. 29.
- Sauzedde, Claude, Detroit, Mich., assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Aircraft braking wheel structure. 2,019,508; Nov. 5.
- Savage, Edward S., Rochester, N. Y. Spinning top. 2,018,537; Oct. 22.
- Savage, Henry J., Ridgewood, N. J. Chemical apportioning method an apparatus. 2,023,552; Dec. 10.
- Savage, Joseph, Weston Point, Runcorn, England, assignor to Imperial Chemical Industries Limited. Degreasing. 2,020,335; Nov. 12.
- Savage, Lawrence F., London, England. Apparatus for the optical representation of objects with stereoscopic effect. 2,013,842; Sept. 10.
- Savage, Oscar W., and S. Savage, Seattle, Wash. Coal stoker. 2,021,203; Nov. 19.
- Savage, Stanley. (See Savage, Oscar W., and S.)
- Savale, Rosilda C., West Orange, N. J. Dress shoe cover. 2,013,700; Sept. 10.
- Savally, Leo, New York, N. Y. Suprapublic drainer. 2,018,322; Oct. 22.
- Savani, Luigi, assignor to Società Italiana Ernesto Breda per Costruzioni, Meccaniche, Milan, Italy. Percussion fuse for bombs and similar projectiles. 2,023,938; Dec. 10.
- Savell, Walter L., Forest Hills, assignor to The Matheson Alkali Works, Inc., New York, N. Y. Chlorinating device for water. 2,012,406; Aug. 27.
- Savery, Thomas S., Pumps Limited. (See Rodaway, Edgar O., assignor.)
- Savy, Robert, Courbevoie-Seine, France, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Mixing machine. 1,992,447; Feb. 26.
- Sawdon, Joseph, Montrose, Calif., and V. J. Sawdon, New York, N. Y.; said J. Sawdon assignor to said V. J. Sawdon. Envelope. 2,004,733; June 11.
- Sawdon, Victor J. (See Sawdon, Joseph and V. J.)
- Sawin, Kenneth A., Cambridge, assignor to Wheeler Reflector Company, Boston, Mass. Film socket filler. 1,991,467; Feb. 19.
- Sawin, Kenneth A., Cambridge, assignor to Wheeler Reflector Company, Boston, Mass. Electric light fixture. 1,996,437; Apr. 2.
- Sawtelle, Charles A., assignor to S. and D. Engineering Company, Detroit, Mich. Brake assembly. 1,998,097; Apr. 16.
- Sawtelle, Charles A., assignor to S. and D. Engineering Company, Detroit, Mich. Control means for vehicle brakes. 2,008,425; July 16.
- Sawtelle, Charles A., assignor to S. and D. Engineering Company, Detroit, Mich. Vehicle brake. 2,012,025; Aug. 20.
- Sawtelle, Charles A., assignor to S. and D. Engineering Company, Detroit, Mich. Brake. 2,020,578; Nov. 12.
- Sawtelle, Charles A., assignor to S. and D. Engineering Company, Detroit, Mich. Vehicle brake. 2,024,808; Dec. 17.
- Sawtelle, Charles A., and A. A. Darmstaetter, assignors to S. and D. Engineering Company, Detroit, Mich. Brake assembly. 1,985,953; Jan. 1.
- Sawtelle, Charles A., and A. A. Darmstaetter, assignors to S. and D. Engineering Company, Detroit, Mich. Brake assembly. 1,998,096; Apr. 16.
- Sawyer, Albert F., assignor to I. L. Keith, Haverhill, Mass. Ice cream freezer. 2,021,153; Nov. 19.
- Sawyer, Charles B., assignor to The Brush Development Company, Cleveland, Ohio. Applying electrodes to piezo crystals. 1,994,487; Mar. 19.
- Sawyer, Charles B., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Piezo-electric device and producing same. 1,995,257; Mar. 19.
- Sawyer, Charles B., and B. Kjellgren, Cleveland Heights, assignors to The Brush Beryllium Company, Cleveland, Ohio. Obtaining beryllium and aluminum compounds. 2,018,473; Oct. 22.
- Sawyer, Frederick E. S., Belmont, Mass. Rake attachment. 2,010,325; Aug. 6.
- Sawyer, Harold L., Lynn, Mass., assignor to Unit-1 Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoe uppers. 2,015,090; Sept. 24.
- Sawyer, John R., Jr. (See Mandusic, Mark, assignor.)
- Sawyer, Marion B., Los Angeles, Calif. Combination plug and switch. 2,022,155; Nov. 26.
- Sawyer, William B., Kennebunkport, assignor to The Burrows Corporation, Portland, Maine. Return-ball equipment for billiard tables and the like. 1,992,507; Feb. 26.

- Saxl, Irving J., assignor to Radio Receptor Co. Inc., New York, N. Y. High frequency tube. 1,988,398; Jan. 15.
- Saxton, Harold L., State College, Pa., assignor to General Electric Company. Static reducing system. 1,992,644; Feb. 19.
- Sayers & Scovill Company, The. (See Hess, E. E., and Smits, assignors.)
- Sayers, William W. (See Philip, W. E., and Sayers.)
- Sayers, William W., Chicago, Ill., assignor to Link-Belt Company. Self-aligning belt conveyer idler. 2,012,089; Aug. 20.
- Sayles, Bertram J., Pittsburgh, Pa. Calorized steel article. 1,988,217; Jan. 15.
- Sayles Finishing Plants, Inc. (See Huey, H. I., and Russell, assignors.)
- Saylor, C. (See Lange, G., Sommers and Saylor.)
- Sayre, Gordon B., assignor to Remowen Corporation, Syracuse, N. Y. Automatic controller for internal combustion engine starters. 2,013,189; Sept. 3.
- Sayres, John H., Chappaqua, N. Y. Stop mechanism. 1,994,405; Mar. 12.
- Sbicca, Frank, Monor, J. T. Yovanovich, and S. Baroni, Philadelphia, assignor to Sbicca-Method Shoes Incorporated, Philadelphia, Pa. Sole cutting and splitting machine. 2,021,811; Nov. 19.
- Sbicca-Method Shoes Incorporated. (See Sbicca, F., Yovanovich, and Baroni, assignors.)
- Scalione, Mario. (See Ferrari, A., Scalione and Rafanelli.)
- Scalise, Anthony J., Cleveland, Ohio. Pie or cake cutter. 2,010,379; Aug. 6.
- Scammell, Charles H., Forest Hills, assignor to Charles H. Scammell Company, New York, N. Y. Metal lath. 2,020,908; Nov. 12.
- Scammell, Charles H., Company. (See Scammell, Charles H., assignor.)
- Scammell Lorries Limited. (See North, O. D., and Hugh, assignors.)
- Scanlan, Joseph M., Great Neck, assignor to G & G Atlas Systems, Inc., New York, N. Y. Carrier system. 2,005,396; June 18.
- Scanlan, Joseph M., Great Neck, assignor, by mesne assignments to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch system. 2,016,946; Oct. 8.
- Scanlan-Morris Company. (See Linde, Gustave F., assignor.)
- Scanlon, Bart E. (See Nagl, C. J., and Scanlon.)
- Scanlon, John F., Edgewood, R. I. Advertising device. 2,001,979; May 21.
- Scantlebury, Francis H., Brooklyn, N. Y. Illuminated measuring device. 2,009,209; July 23.
- Scantlebury, Francis H., Brooklyn, N. Y. Illuminated measuring device. 2,009,210; July 23.
- Scardino, Nicholas. (See Mate, R. E., and Scardino.)
- Scarlett, Adam H., assignor of one-fourth to Gleonard A. Lord, Jacksonville, Fla. Commodity safety appliance and bad order tag. 2,014,987; Sept. 17.
- Scarlett, Arthur A., Hamilton, Ontario, assignor, by mesne assignments, to International Harvester Company, Chicago, Ill. Self-propelled planter. 2,010,110; Aug. 6.
- Scarlett, William E. (See Pym, A. F., and Scarlett.)
- Schaad, Raymond E. (See Egloff, G., and Schaad.)
- Schaaf, John, Buffalo, N. Y. Clarification of sewage and disposal of same. 2,022,901; Dec. 3.
- Schaaf, John B., Cincinnati, Ohio. Bag. 2,010,380; Aug. 6.
- Schaaff, John T., Washington, D. C., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Combination hole punch. 1,989,887; Feb. 5.
- Schaake, William, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Trolley wire support. 2,005,907; June 25.
- Schaake, William, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current collecting equipment. 2,005,908; June 25.
- Schaake, William, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Current collecting apparatus. 2,020,909; Nov. 12.
- Schaake, William, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Overhead crossing. 2,020,910; Nov. 12.
- Schaal, Earl V. (See Oishi, J. R., and Schaal.)
- Schaarschmidt, Alfred, deceased, Berlin-Charlottenburg, by E. M. I. Schaarschmidt, administratrix, Berlin, Germany, assignor to Antares Trust Registered Vaduz, Liechtenstein. Manufacture of hydrocarbon products containing oxygen. 1,995,752; Mar. 26.
- Schaarschmidt, Alfred, deceased, Berlin-Charlottenburg, by E. M. I. Schaarschmidt, administratrix, Berlin, Germany, assignor to Antares Trust Registered, Vaduz, Liechtenstein. Manufacture of hydrocarbon products containing oxygen. 1,995,753; Mar. 26.
- Schaarschmidt, Erna M. I., administratrix. (See Schaarschmidt, Alfred.)
- Schaarwächter, Carl, assignor to Vereinigte Deutsche Metallwerke Aktiengesellschaft Zweigniederlassung Basse & Selve, Altena-Westphalia, Germany. Normalizing ternary and multiple alloys forming solid solutions. 1,992,325; Feb. 26.
- Schabarum, Bruno R. (See Picard, J. B., Schabarum, and Nolte.)
- Schabel, Joseph. (See Hoberg, A. S., Schabel, and Schwantes.)
- Schacht, Elmer C., assignor to Behr-Manning Corporation, Troy, N. Y. Rug holder. 2,005,638; June 18.
- Schacht, William F., Huntington, Ind. Rubber door-check. 1,999,111; Apr. 23.
- Schacht, William F., Huntington, Ind. Rubber mat for running boards and the like. 2,021,522; Nov. 19.
- Schack, Alfred, Dusseldorf-Oberkassel, assignor to Rekuperator Gesellschaft mit beschränkter Haftung, Dusseldorf, Germany. Protecting heating surfaces against overheating. 2,011,119; Aug. 13.
- Schack, Frederick J. (See Eitel, W. W., and Schack.)
- Schade, Alfred, Berlin, Germany. Foot support. 1,986,646; Jan. 1.
- Schade, Floyd L., Kansas City, Kans. Frozen confection. 2,002,963; May 28.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Combined fly-strip and ruler for ring binders. 2,005,474; June 18.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Book binder construction. 2,017,220; Oct. 15.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Loose leaf book and manufacture. 2,024,881; Dec. 17.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Construction of casings for books and particularly loose leaf binders. 2,024,882; Dec. 17.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Construction of bookbinding channels. 2,024,883; Dec. 17.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Paper fastener. 1,989,888; Feb. 5.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Loose leaf structure. 1,990,136; Feb. 5.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Book cover and index. 1,993,351; Mar. 5.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Loose leaf book and manufacture. 1,995,865; Mar. 26.
- Schadek, E. W. (See Jones, Sam P., assignor.)
- Schaeber, Anthony J. (See Melchan, S. J., and Schaeber.)
- Schaefer, Archie C. (See Peterson, V., and Schaefer.)
- Schaefer, Elsa, Chicago, Ill. Auxiliary table for portable sewing machines. 1,993,981; Mar. 12.
- Schaefer, Frederic, Pittsburgh, Pa. Brake beam support. 2,019,100; Oct. 29.
- Schaefer, Frederic, Pittsburgh, Pa. Brake shoe key. 2,026,324; Dec. 31.
- Schaefer, George, Jr., Flushing, assignor to Sanitary Public Service Corporation, New York, N. Y. Paper delivery mechanism. 2,000,099; May 7.
- Schaefer, George, Jr., Flushing, assignor to Sanitary Public Service Corporation, New York, N. Y. Dual purpose seat cover and towel forming machine. 2,001,112; May 14.
- Schaefer, George, Jr., Flushing, assignor to Sanitary Public Service Corporation, New York, N. Y. Machine for handling strip material. 2,001,113; May 14.
- Schaefer, Josef, Dortmund, Germany. Operation of coke ovens and ovens therefor. 2,006,115; June 25.
- Schaefer, Joseph J. (See Davidson, J. G., and Schaefer.)
- Schaefer, Justus J., Great Barrington, Mass. Rawhide screw anchor plug. 2,024,064; Dec. 10.
- Schaefer, Norbert F. (See Mohler, E. E., and Schaefer.)
- Schaefer, Norbert F., assignor to Anderson Box Company, Indianapolis, Ind. Knockdown brooder and package therefor. 2,025,310; Dec. 24.
- Schaefer, Otto T., and R. J. Wetcher, assignors to Schaefer-Wetcher Co., Inc., Detroit, Mich. Dust mop. 1,989,825; Feb. 5.
- Schaefer-Wetcher Co. Inc. (See Schaefer, O. T., and Wetcher, assignors.)
- Schaefer, William E., assignor to The Whitney Mfg. Co., Hartford, Conn. Conveyor chain. 2,021,748; Nov. 19.
- Schaeffer, Albert, Marxheim in Taunus, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Treating photographic layers in a bath containing a wetting agent and new preparations intended for acting on photographic layers. 2,000,353; May 7.
- Schaefer, Frank J. (See Jenkins, D. E., and Schaefer.)
- Schaeffer, Harry J. (See Mathey, G. S., and Schaeffer.)
- Schaeffer, William G., Rochester, N. Y. Pocket purse. 2,016,053; Oct. 1.
- Schaeffers, Joseph, Cleveland, Ohio. Internal combustion engine. 1,999,849; Apr. 30.
- Schaelchlin, Walter, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, Relay. 1,994,924; Mar. 19.
- Schaelchlin, Walter, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Inductive time-limit acceleration. 1,994,925; Mar. 19.
- Schaelchlin, Walter, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbo-electric ship propulsion control. 2,008,404; July 16.
- Schaelchlin, Walter, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,020,911; Nov. 12.
- Schaelchlin, Walter, and A. D. Forbes, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ship propulsion stability indication and control. 2,011,655; Aug. 20.

- Schaer, Charles, Langenthal, assignor to the firm of Sulzer Frères Société Anonyme, Winterthur, Switzerland. Double-acting two-stroke internal combustion engine. 1,992,328; Feb. 26.
- Schaer, Charles, Langenthal, assignor to Sulzer Frères Société Anonyme, Winterthur, Switzerland. Compressor. 2,004,474; June 11.
- Schaer, Charles, assignor to Sulzer Frères Société Anonyme, Winterthur, Switzerland. Fuel injection pump. 2,005,008; June 18.
- Schafer, Conrad B. (See Case, B. C., and Schafer.)
- Schafer, Conrad B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Grinding machine. 1,986,537; Jan. 1.
- Schafer, Conrad B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass grinding apparatus. 1,990,002; Feb. 5.
- Schafer, Conrad B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Template. 2,006,183; June 25.
- Schäfer, Erich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, Berlin, Germany. Seamless diaphragm. 2,013,792; Sept. 10.
- Schafer, Frank J., Miami, Fla. Combined awning and shutter. 2,010,647; Aug. 6.
- Schäfer, Josef. (See Hasler, A., Meyer, and Schäfer.)
- Schäfer, Josef, assignor to the firm J. K. Geigy A. G., Basel, Switzerland. Manufacture of tanning substances. 1,988,985; Jan. 22.
- Schäfer, Max, Ohorn, near Pulsnitz, Germany. Shuttle drive. 2,006,723; July 2.
- Schäfer, Wilhelm, assignor to Erz- und Kohle-Flotation Gesellschaft mit beschränkter Haftung, Bochum, Germany. Concentrating carbonate and oxidized ores and minerals. 1,988,052; Jan. 15.
- Schau, Howard W., Chicago, Ill. Infant's exerciser. 1,996,350; Apr. 2.
- Schaffer, Adam, Philadelphia, Pa. Temple roller. 2,008,597; July 16.
- Schafer, Francis P., Belmont, Mass. Producing rubber soled shoes. 1,989,467; Jan. 29.
- Schaffer, Gilbert, and G. F. Jardine, Washington, Pa., assignors to Hazel-Atlas Glass Company, Wheeling, W. Va. Manufacturing glassware and apparatus therefor. 2,024,748; Dec. 17.
- Schaffer, Harry E. (See Maslin, A. J., Fahnoe, and Schaffer.)
- Schaffer, Joseph, et al. (See Greco, Bruno, assignor.)
- Schaffer, Samuel E., Chicago, Ill. Theater seat. 1,993,530; Mar. 5.
- Schaffer, Stanley S., Chicago, Ill. Smoking pipe. 2,005,873; June 25.
- Schaffer, Walter, Berlin, Germany, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. High frequency translating circuit. 2,025,129; Dec. 24.
- Schaffert, Adolf H., assignor to Truscon Steel Company, Youngstown, Ohio. Metal faced panel. 2,009,056; July 23.
- Schaffert, Evelyn A. (See Schaffert, Louis, assignor.)
- Schaffert, Louis, assignor of two-thirds to E. A. Schaffert, Highland, N. Y. Nonrefillable bottle. 1,990,419; Feb. 5.
- Schaffler-Glossl, Konrad, Vienna, Austria. Casing for electric slotting machines. 1,990,279; Feb. 5.
- Schaffler-Glossl, Konrad, Vienna, Austria. Electric time fuse. 2,000,617; May 7.
- Schaffler-Glossl, Konrad, Vienna, Austria. Instantaneous circuit-closing device for electric shot firing machines. 2,023,907; Dec. 31.
- Schaffner, Charles, Chicago, Ill. Lamp. 1,994,669; Mar. 19.
- Schaflein, Karl, Bern, Switzerland. Hydraulic press for molding and drying stereotype matrices. 1,996,174; Apr. 2.
- Schagrin, Harry, Oak Park, Ill., assignor, by mesne assignments, to Robert L. Kahn. Cleaning iron or steel. 1,995,192; Mar. 19.
- Schalen, Wilhelm. (See Kränzlein, G., Corell, and Schalen.)
- Schalik, Frederick H., Chicago, Ill. Boiler construction. 1,997,656; Apr. 16.
- Schaller, Maurice A., Paris, France, assignor to Guy T. Gibson, Incorporated, New York, N. Y. Sachet. 1,988,141; Jan. 15.
- Schalsena, Max, Summitt, N. J. Pile driving apparatus. 2,005,564; June 18.
- Schamuel, Adam J. (See Thompson, M. R., and Schamuel.)
- Schane, Edward H., Lakewood, assignor to The Fanner Manufacturing Company, Cleveland, Ohio. Awning arm. 1,993,183; Mar. 5.
- Schanz, George H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Sealing strip. 1,998,791; Apr. 23.
- Schaper, Harry C., Buffalo, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Automatic weight indicating scale. 2,022,981; Dec. 3.
- Scharf, Frank F., Cleveland Heights, Ohio. Tendon-drawing device. 1,993,627; Mar. 5.
- Scharf, Frank W., assignor, by mesne assignments, to McGraw Electric Company, Chicago, Ill. Electric iron. 2,004,962; June 18.
- Scharf, Frank W., assignor to McGraw Electric Company, Chicago, Ill. Thermostatic switch and mounting for same. 2,004,963; June 18.
- Scharf, Michael M., New York, N. Y. Machine for sewing fabric to umbrella tips. 1,994,406; Mar. 12.
- Scharfenberg, Karl, Berlin, Germany. Draw and buffer gear. 1,998,388; Apr. 16.
- Scharff, Max, J. Brode, Ludwigshafen-on-the-Rhine, A. Johannsen, Mannheim, and J. Reichart, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie, Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of benzoic acid. 1,988,876; Jan. 22.
- Scharff, Max, Heidelberg, J. Brode, deceased, by Käthe Brode, administratrix, A. Johannsen, and J. Reichart, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Apparatus for the production of phthalic anhydride and benzoic acid. 2,013,973; Sept. 10.
- Scharlau, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches, Berlin, Germany. Beacon system. 2,011,376; Aug. 13.
- Scharrmann, Walter G., Bassett Park, Mine Hill, N. J., and F. Olsen, Alton, Ill., assignors to The Cellulose Research Corporation. Process and apparatus for delignification. 2,007,348; July 9.
- Scharnberg, Herman J. B., Fort Wadsworth, N. Y. Sugar cane cutting knife. 1,994,051; Mar. 12.
- Scharnhorst, Louis C., Milwaukee, Wis. Leader straightener. 2,022,091; Nov. 26.
- Scharpf, Arthur W., assignor of one-third to B. B. Hammes and one-third to W. R. Finn, LaCrosse, Wis. Vulcanizer. 1,997,268; Apr. 9.
- Scharwath, John A., Jersey City, N. J. Machine for making shingles. 2,001,399; May 14.
- Schat, Ane P., Utrecht, Netherlands. Installations for handling a lifeboat. 2,016,838; Oct. 8.
- Schat, Ane Pieter, Utrecht, Netherlands. Life boat. 2,018,579; Oct. 22.
- Schattschneider, Paul M. (See Noack, Walter G., and Schattschneider.)
- Schatzel, Rudolph A., Rome, assignor to General Cable Corporation, New York, N. Y. Insulated electric conductor. 2,009,004; July 23.
- Schätzler, Ernst, assignor to Porros Patentverwaltung A.-G., Basel, of Basel, Switzerland. Copying process. 2,023,858; Dec. 10.
- Schau, Harvey C., assignor to Dunkley Company, Kalamazoo, Mich. Hot water exhauster for canners' use. 1,994,964; Mar. 19.
- Schaub, Gordon C. (See Schaub, Jacob and G. C.)
- Schaub, Jacob, Westfield, and G. C. Schaub, Bayonne, N. J., assignors to The Best Foods, Inc., New York, N. Y. Apparatus for regulating the mixing of ingredients. 2,020,435; Nov. 12.
- Schaub, Otto, Biel, Switzerland. Reinforced concrete structure. 2,016,616; Oct. 8.
- Schaub, Jacob, Westfield, N. J., assignor, by mesne assignments, to The Best Foods, Inc., New York, N. Y. Dispensing device. 2,000,864; May 7.
- Schaub, James B., Wilmette, Ill. Air current conveyor. 1,994,899; Mar. 19.
- Schauer, Lawrence B., Huntington Park, assignor to Ruth Dredger Manufacturing Corporation, Los Angeles, Calif. Bucket. 2,004,637; June 11.
- Schauer, Lawrence L., assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Combined arm and sump. 1,994,040; Mar. 12.
- Schauer, Lawrence L., assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Hydraulic arm translating means for radial drills. 2,021,388; Nov. 19.
- Schauer, Lawrence Lee, Hyde Park, and J. B. Kincaid, Cincinnati, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Counterpoised detachable tool head. 1,999,197; Apr. 30.
- Schauer, Lawrence L., A. M. Sosa and J. R. McKewen, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Hydraulic transmission system. 2,000,420; May 7.
- Schauer, Lawrence L., A. M. Sosa and J. R. McKewen, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Duplex control for radial drills. 2,000,421; May 7.
- Schauer, Lawrence L., and A. M. Sosa, Cincinnati, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Hydraulic column and arm clamp with elevating control. 2,019,509; Nov. 5.
- Schauer, Lawrence L., and A. M. Sosa, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Convertible upright drill. 2,022,436; Nov. 26.
- Schauer, Lawrence L., and A. M. Sosa, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Head and spindle counterbalance. 2,022,437; Nov. 26.
- Schauer, Walter E., Oak Park, assignor to Edward Katzinger Company, Chicago, Ill. Measuring spoon. 1,998,969; Apr. 23.
- Schauffele, Ekkehard, Mannheim-Walldorf, Germany. Examination of high grade alloyed steels. 2,007,285; July 9.
- Schaum, Fletcher, assignor to Fletcher Works, Incorporated, Philadelphia, Pa. Centrifugal. 2,001,550; May 14.
- Schaumburg, Charles, Oak Park, Ill., assignor to The Billings & Spencer Company. Clip for wrench sets. 1,995,687; Mar. 26.
- Schaumburg, Herman, Cassel, Germany. Feeding device for food cutting machines. 2,012,353; Aug. 27.

- Schauss, Adolf F., Oberursel, near Frankfort-on-the-Main, Germany. Writing machine for accountancy work. 1,998,846; Apr. 23.
- Schechter, Alfred P., New York, and A. Hedeman, Long Beach, N. Y. Flexible tube and coupling. 2,014,988; Sept. 17.
- Schechter, Harry, New York, N. Y. Shoe stretching device. 2,023,618; Dec. 10.
- Schechter, Joseph. (See Bachelis, Leonard H., assignor.)
- Scheeler, Charles A., assignor to Buffalo Wire Works Co., Inc., Buffalo, N. Y. Woven wire fabric. 2,010,964; Aug. 13.
- Scheemacker, Emile, Blackstone, Mass. Cream separating milk bottle. 1,994,621; Mar. 19.
- Scheerer, Ernest O., Linden, N. J. Controlling furnace combustion. 2,018,925; Oct. 29.
- Schefer, Frederick K., Gary, Ind., assignor to American Sheet and Tin Plate Company. Automatic discharging mechanism. 2,024,949; Dec. 17.
- Scheibell, Gordon B., Newark, N. J. Sound reproduction projector. 2,005,596; June 18.
- Scheibell, Gordon B., Newark, N. J., assignor to Wired Radio, Inc., New York, N. Y. Wave propagation system. 1,994,288; Mar. 12.
- Scheibell, Gordon B., New York, N. Y. Reversible magazine camera. 2,008,110; July 16.
- Scheid, Louis J., Kalamazoo, Mich. Throttle valve for internal combustion engines. 1,998,886; Apr. 23.
- Scheide, Lester B., Hartford, Conn., assignor of one-half to H. E. Sage, West Hartford, Conn. Building structure. 2,000,539; May 7.
- Scheidegger, Jean, Sonvilier, assignor to Fabrique des Longines, Francillon & Cie, S. A., St. Imier, Switzerland. Electric message apparatus. 2,021,968; Nov. 26.
- Scheidler, Walter A., New Britain, Conn. Back rubbing towel. 1,990,568; Feb. 12.
- Schein, Alexander E., New York, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. High speed bearing. 2,003,316; June 4.
- Scheinman, Sol, White Plains, and J. Mandel, Brooklyn, N. Y. Reinforced drawer construction. 2,012,857; Aug. 27.
- Schelben, Fred, Greenville, Miss. Traller. 2,007,504; July 9.
- Schell, A. J., administrator. (See Bashlin, William M., assignor.)
- Schell, Arthur B., Plainfield, N. J., assignor to The Hills Brothers Company, New York, N. Y. Package for perishable products. 2,024,809; Dec. 17.
- Schellenbach, William L., Wyoming, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Machine tool apparatus. 2,012,083; Aug. 20.
- Schellenbach, William L., Wyoming, assignor to The Faggon Manufacturing Company, Cincinnati, Ohio. Clutch. 2,016,806; Oct. 8.
- Schellenberger, Horst E., Whiteport-Kingston, N. Y. Insect destroying implement. 1,988,573; Jan. 22.
- Schellenger, Newton C., Elkhart, Ind., assignor to Chicago Telephone Supply Company. Rheostat. 1,996,175; Apr. 2.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Combination switch and rheostat. 2,014,637; Sept. 17.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Circuit controller. 2,019,997; Nov. 5.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Circuit controller. 2,019,998; Nov. 5.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Circuit controller. 2,019,999; Nov. 5.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Circuit controller. 2,020,000; Nov. 5.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Circuit controller. 2,020,001; Nov. 5.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Circulating and mixing system. 2,022,481; Nov. 26.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Interposed disk rheostat. 2,023,382; Dec. 3.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Frictional coupling for circuit controllers. 2,025,831; Dec. 31.
- Schellens, Christopher A., Marblehead, Mass., assignor to C-S Engineering Company, Englewood, N. J. Turbine. 2,007,408; July 9.
- Schellens, Eugene L. (See Coffin, J. S., Jr., and Schellens.)
- Schellens, Eugene L., Ridgewood, assignor to C-S Engineering Company, Englewood, N. J. Locomotive front end construction. 1,991,703; Feb. 19.
- Schellens, Eugene L., Ridgewood, assignor to C-S Engineering Company, Englewood, N. J. Locomotive. 1,997,751; Apr. 16.
- Schellens, Eugene L., Ridgewood, assignor to C-S Engineering Company, Englewood, N. J. Locomotive. 2,017,134; Oct. 15.
- Schellens, Eugene L., Ridgewood, assignor to The Shellwood-Johnson Company, Paterson, N. J. Metal walled vacuum chamber or container and manufacture thereof. 2,024,065; Dec. 10.
- Scheller, Emil, Lorsbach in Taunus, Germany. Improving cellulose. 1,998,389; Apr. 16.
- Scheller, Emil, Lorsbach-in-the-Taunus, Germany, assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Improvement of cellulose. 2,026,068; Dec. 31.
- Schellhammer, Alfred L., Warren, Pa. Pipe joint. 1,987,372; Jan. 8.
- Schellhammer, Alfred L., C. S. Andersen, and J. D. Kroeker, Warren, Pa. Furnace. 1,991,704; Feb. 19.
- Schellin, John C., assignor to The Akron Brass Manufacturing Company, Wooster, Ohio. Fog-producing nozzle. 1,996,884; Apr. 9.
- Schellin, John C., assignor to the Akron Brass Manufacturing Company, Wooster, Ohio. Reinforced hose coupling construction. 2,022,525; Nov. 26.
- Schellinger, Theodor, Flint, Mich. Tobacco pipe. 1,993,019; Mar. 5.
- Schelly, Cyril G. (See Yost, R. G., and Schelly.)
- Schemmann, Walter, and F. Kottmann, Hagen, Germany. Centrifugal device for throwing abrasive. 1,996,885; Apr. 9.
- Schemmel, R. C., et al. (See Hall, William J., assignor.)
- Schemmel, Robert C. (See Romeiser, Ernest G., assignor.)
- Schemmel, Robert C., Union City, Ind. Molding. 2,017,377; Oct. 15.
- Schenck, Carl, Elseniesserei & Maschinenfabrik Darmstadt, G. m. b. H. (See Peuker, F., and Rathke, assignors.)
- Schenck, Charles. (See Keller, A. T., Schenck, and Fine.)
- Schenck, Harry R., Jr., Palisade, N. J. Motion picture camera. 2,000,895; May 7.
- Schenck, Harry R., Jr., Palisade, N. J. Motion picture camera. 2,010,564; Aug. 6.
- Schenck, John F., Sr., Lawndale, and P. S. Monty, Charlotte, N. C.; said Monty assignor to said Schenck. Stop motion for braiding machines. 2,003,978; June 4.
- Schenck, Le Roy C., Moline, Ill., assignor, by mesne assignments, to American Machine and Metals, Inc., New York, N. Y. Safety cover latch. 1,989,213; Jan. 29.
- Schenck, Martin. (See Müller, R., Schenck, and Wirbatz.)
- Schenck, Martin. (See Müller, R., Schenck, Wirbatz, and Müller.)
- Schenecker, E. M. (See Haynes, Charles F., assignor.)
- Schenk, Abraham L., Los Angeles, Calif. Bunion brace. 2,013,068; Sept. 3.
- Schenk, Adelbert J., and R. Vogt, Cincinnati, assignors to The Alvey-Ferguson Company, Oakley, Cincinnati, Ohio. Conveying mechanism. 1,990,050; Feb. 5.
- Schenk, Carl, Los Angeles, Calif. Airplane attitude indicator. 1,988,463; Jan. 22.
- Schenk, Carl, Los Angeles, Calif. Airplane turn and bank indicator and artificial horizon. 1,989,826; Feb. 5.
- Schenk, Franz E. M., Altona, Germany, assignor to Frederick W. Buse, Pittsburgh, Pa. Traveling chain grate. 2,000,298; May 7.
- Schenk, Gustav, Berlin-Spandau Hakenfelde, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Spraying device. 1,998,592; Apr. 23.
- Schenk, Tamis C., assignor to Richmond Screw Anchor Co., Inc., New York, N. Y. Form tie. 2,020,912; Nov. 12.
- Schenkel, Moritz. (See Frischmuth, E., and Schenkel.)
- Schepmann, Wilhelm, Berlin-Neutempelhof, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Generating electric oscillations. 1,995,624; Mar. 26.
- Schepss, Wilhelm, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the oxazine series. 2,013,069; Sept. 3.
- Scher, Louis S., New York, N. Y. Telephone voice silencer. 2,020,970; Nov. 12.
- Scherer, Charles F., assignor to Davenport Machine & Foundry Company, Davenport, Iowa. Frame and axle straightening machine. 2,008,929; July 23.
- Scherer, John, Green Bay, Wis. Screw. 2,017,550; Oct. 15.
- Scherer, John R., assignor to F. M. Guess and A. A. Guess, El Monte, Calif. Tennis net. 2,009,329; July 23.
- Scherf, Rudolph, Detroit, Mich. Hose coupling. 2,004,082; June 4.
- Schering-Kahlbaum A. G. (See Aschheim, Selmar, assignor.)
- Schering-Kahlbaum A. G. (See Butenandt, Adolf, assignor.)
- Schering-Kahlbaum A. G. (See Langecker, Hedwig, assignor.)
- Schering-Kahlbaum A. G. (See Pieper, E., and Wolfenstein, assignors.)
- Schering-Kahlbaum A. G. (See Schoeller, W., Allardt, and Feldt, assignors.)
- Schering-Kahlbaum A. G. (See Schoeller, W., and Borgwardt, assignors.)
- Schering-Kahlbaum A. G. (See Schoeller, W., and von Schick, assignors.)
- Schering-Kahlbaum A. G. (See Schotte, H., and Görnitz, assignors.)
- Schering-Kahlbaum A. G. (See Schwenk, E., and Jordan, assignors.)
- Schering-Kahlbaum A. G. (See Ulfers, F., and Erbe, assignors.)
- Schering-Kahlbaum A. G. (See Wolff, Fritz, assignor.)

- Schermerhorn, Edwards F., Brooklyn, assignor to The Rail Joint Company, New York, N. Y. Insulation for rail joints. 1,997,949; Apr. 16.
- Schermerhorn, George D., Reading, Mich. Chair construction. 2,005,565; June 18.
- Schernekau, Gustav A., Indianapolis, Ind. Builder's scaffold. 2,007,480; July 9.
- Schertel, Ludwig, assignor to firm: Th. Goldschmidt A-G. Essen-Ruhr, Germany. Manufacturing lead glass. 2,007,349; July 9.
- Schertz, Arthur R., McCracken, Kans. Hydraulic clutch. 1,993,118; Mar. 5.
- Schertzinger, Carl B. (See Flynn, E. J., Stutz and Schertzinger.)
- Scheschkewicz, Peter, Kazlu-Ruda, Lithuania. Double power combustion motor with reduced friction. 1,995,625; Mar. 26.
- Schettler, Gustav A., Leeds, England, assignor to The Turner Tanning Machinery Company, Portland, Maine. Area measuring machine. 1,987,805; Jan. 15.
- Schettler, Gustav A., Leeds, England, assignor to The Turner Tanning Machinery Company, Portland, Maine. Press. 1,995,325; Mar. 26.
- Schettler, Gustav A., Leeds, England, assignor to The Turner Tanning Machinery Company, Portland, Maine. Drying of sheet material. 2,000,991; May 14.
- Scheu Manufacturing Company. (See Scheu, W. C., and Hemmerly, assignor.)
- Scheu Products Company. (See Scheu, William C., assignor.)
- Scheu Products Company Limited. (See Scheu, Willis L., assignor.)
- Scheu, William C., assignor to Scheu Products Company, Ltd., Upland, Calif. Orchard heater. 1,996,977; Apr. 9.
- Scheu, William C., assignor to Scheu Products Company, Ltd., Upland, Calif. Orchard heater. 2,006,562; July 2.
- Scheu, William C., Upland, and J. H. Hemmerly, Pomona, assignors to Scheu Manufacturing Company, Upland, Calif. Fruit counting and registering apparatus. 1,987,873; Jan. 15.
- Scheu, Willis L., assignor to Scheu Products Company Limited, Ontario, Calif. Flame stabilizing attachment for orchard heaters. 2,005,009; June 18.
- Scheurman, August E., Alton, Ill., assignor to Owens-Illinois Glass Company. Method and apparatus for making hollow glass articles. 1,988,574; Jan. 22.
- Scheuing, Georg, and B. Walach, Nieder-Ingelheim-on-the-Rhine, Germany, assignors to C. H. Boehringer Sohn Aktiengesellschaft, Nieder-Ingelheim-on-the-Rhine, Germany. Production of γ -lactones. 2,007,813; July 9.
- Scheurer, Wilhelm, and G. Niemann, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Disazo dyestuffs and their production. 1,995,902; Mar. 26.
- Scheurer, William A., assignor to The Exact Weight Scale Company, Columbus, Ohio. Pocket letter scale. 2,009,363; July 23.
- Schentz, Joseph A., Hazel Park, assignor of one-half to Adolph G. Boerner, Detroit, Mich. Automatic expansion bumper. 1,997,752; Apr. 16.
- Scheyer, Heinz, Frankfort-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Condensation product and making same. 1,990,841; Feb. 12.
- Scheyer, Heinz, Frankfort-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Condensation product of the anthraquinone series and making same. 1,990,842; Feb. 12.
- Schiavulli, Rudolph. (See Capomacchio, A., and Schiavulli.)
- Schiavulli, Rudolph, assignor of twenty-five per cent to Ralph Di Luglio, Providence, R. I. Cigarette and cigar lighter. 1,989,064; Jan. 22.
- Schick, Harvey W., Chicago, Ill. Building construction. 1,997,950; Apr. 16.
- Schick, Paul, and H. Lauth, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Sulphurized indophenols. 2,006,514; July 2.
- Schidrowitz, Philip, London, England, assignor, by mesne assignments, to Filastie Holding S. A., Binningen, near Basel, Switzerland. Impregnation of textile materials. 2,005,637; June 18.
- Schiefer, Lawrence R., Fort Wayne, Ind. Closure for collapsible containers. 1,998,847; Apr. 23.
- Schieferstein, Georg H., Berlin, Germany. Mechanically oscillating screening apparatus. 2,016,972; Oct. 8.
- Schieferstein, Georg H., Berlin, Germany. Washing machine. 2,022,829; Dec. 3.
- Schieferstein, Heinrich, Berlin, and G. Linke, Magdeburg, assignors to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Oscillating stove. 1,997,499; Apr. 9.
- Schiesser, Fridolin, Rheineck, Switzerland. Beer tap cone. 2,013,509; Sept. 3.
- Schiff, Loy C., Ashville, Ohio. Inhalant dispenser. 2,012,522; Aug. 27.
- Schiff, Sally. (See Dieck, W., and Schiff.)
- Schiffenhaus, Budde. (See Lipschitz, J., and Schiffenhaus.)
- Schiffner, Hermann J., assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Apparatus for cracking hydrocarbons. 2,014,189; Sept. 10.
- Schiffner, Joseph A. (See Baker, P. W., and Schiffner.)
- Schifter, John, New York, N. Y. Dyeing swab. 2,000,456; May 7.
- Schilberg, Arnold G. (See Sherman, D. W., and Schilberg.)
- Schild, Charles W., Villa Park, Ill. Battery control or switch. 1,995,946; Mar. 26.
- Schilder, Theodore, assignor to Fred Goat Co., Inc., New York, N. Y. Bag forming and filling machine. 2,009,416; July 30.
- Schilder, Theodore, and G. Erlmann, assignors to Fred Goat Co., Inc., New York, N. Y. Siftproof package and making the same. 2,006,060; June 25.
- Schildgen, Georg, and G. Wehr, Schweinfurt, Germany. Bearing cage. 2,017,772; Oct. 15.
- Schildhauer, Walter E. (See Heyroth, A. H., and Schildhauer.)
- Schildknecht, Heinrich, Gaggenau, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Clutch operating mechanism. 2,005,269; June 18.
- Schildknecht, Heinrich, Gaggenau, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Rear axle gear casing. 2,015,969; Oct. 1.
- Schilke, Edward, Middletown, Conn. Battery terminal. 2,002,099; May 21.
- Schille, Jacob L. (See Vahlteich, H. W., and Schille.)
- Schiller, Charles. (See Hansen, Anton C., assignor.)
- Schiller, Saul, New York, N. Y. Electric web cutting machine. 2,026,363; Dec. 31.
- Schilling, Arthur B., Rockaway, and C. Casey, Dover, N. J. Packing a round of ammunition. 2,005,756; June 25.
- Schilling, Ernest H., assignor to Peerless Wire Goods Company, Inc., Lafayette, Ind. Wire basket and divider for the same. 2,016,246; Oct. 1.
- Schilling, Heinrich. (See Baumann, Bueckert, Sandhaas, and Schilling.)
- Schilling, Heinrich. (See Baumann, P., Schilling and Stadler.)
- Schilling, Heinrich. (See Eisenhut, O., Schilling, and Baumann.)
- Schimanek, Emil, Budapest, Hungary, assignor to Societe du Carburateur Blériot, Paris, France. Automatic control of aviation engines. 1,991,298; Feb. 12.
- Schimanek, Emil, Budapest, Hungary, assignor to the firm Société du Carburateur Blériot, Paris, France. Aircraft carburetor. 1,995,228; Mar. 19.
- Schinke, Edward J., assignor to Enterprise Boiler and Tank Works, Inc., Chicago, Ill. Furnace construction. 1,986,538; Jan. 1.
- Schimmel, Fridolin, Faribault, Minn. Display and shipping cabinet. 1,991,030; Feb. 12.
- Schimmel, Fridolin, Faribault, Minn. Display and shipping cabinet. 2,015,910; Oct. 1.
- Schimmelschmidt, Kurt and H. Thoma, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo-dyestuff and fiber dyed therewith. 2,004,383; June 11.
- Schimpff, Louis W. H. (See Foust, Melwood R., assignor.)
- Schindhelm, Hans, and R. Gast, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo-dyestuffs and making same. 2,004,250; June 11.
- Schindler, H., & Co. (See Hamburger, Walter J., assignor.)
- Schindler, Louis J., assignor to Schindler Stamping & Toy Company, Toledo, Ohio. Toy projector. 1,992,776; Feb. 26.
- Schindler, Robert B., Spring City, Pa. Stocking toe. 2,001,370; May 14.
- Schindler Stamping & Toy Company. (See Schindler, Louis J., assignor.)
- Schindler, Walter H., Los Angeles, Calif. Machine for making plant protectors. 2,005,326; June 18.
- Schinkez, Albert. (See Smith, E. R., and Schinkez.)
- Schirm, Erik, Dessau/Anhalt, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A-G., Zurich, Switzerland. Amido sulfonic acids and their preparation. 2,009,346; July 23.
- Schirm, Erik, Dessau (Anhalt), Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A-G., Zurich, Switzerland. Thio-sulphates and sulphonates of compound ethers and preparing the same. 2,012,073; Aug. 20.
- Schisling, Anton E., Tomahawk, Wis. Collapsible concrete form. 2,011,527; Aug. 13.
- Shive, Edward D. (See Ellsworth, Ira H. J., assignor.)
- Schlaa, Friedrich im., Iserlohn, Germany. Device for the manufacture of shaped pieces from annular blanks. 1,986,072; Jan. 1.
- Schlaanstine, Ray F. (See Nordenswan, C. J., and Schlaanstine.)
- Schlachte, Henry Beatrice, Nebr. Windmill. 2,024,781; Dec. 17.
- Schlachter, Henry Beatrice, Nebr., assignor to Dempster Mill Manufacturing Company. Pressure controlled windmill regulator. 2,023,292; Dec. 3.
- Schlack, Herman C., assignor of forty-nine one-hundredths to C. A. Kurrash, Detroit, Mich. Square shear gauge. 2,005,829; June 25.
- Schlack, Paul, Berlin-Karlshorst, assignor to Aceta G. m. b. H., Lichtenberg, Germany. Manufacture of artificial threads from cellulose esters or cellulose ethers. 1,997,753; Apr. 16.

- Schl  fer, Valentin, Sommerda, assignor to Rheinische Metallwaren- und Maschinenfabrik, Dusseldorf-Derendorf, Germany. Fuse for projectiles and particularly for small caliber high explosive projectiles. 2,005,053; June 18.
- Schlafhorst, W., & Co. (See Kahlich, Gustav, assignor.)
Schlafhorst, W., & Co. (See Reiners, W., and Kahlich, assignors.)
- Schlage Lock Co. (See Schlage, Walter R., assignor.)
Schlage, Walter R., assignor to Schlage Lock Co., San Francisco, Calif. Doorlock. 1,991,031; Feb. 12.
- Schlage, Walter R., assignor to Schlage Lock Co., San Francisco, Calif. Metal door reinforcement and lock mounting. 2,004,510; June 11.
- Schlage, Walter R., assignor to Schlage Lock Co., San Francisco, Calif. Demountable knob and cylinder lock. 2,007,350; July 9.
- Schlage, Walter R., assignor to Schlage Lock Co., San Francisco, Calif. Key shut-out mechanism for doorlocks. 2,008,405; July 16.
- Schlage, Walter R., assignor to Schlage Lock Co., San Francisco, Calif. Doorlock. 2,018,093; Oct. 22.
- Schlagenhauff, Karl, Dortmund, assignor to firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Water sluice valve for pipings. 2,010,416; Aug. 6.
- Schlagintweit, Friedrich, Baden-Baden, Germany, assignor to Rapay A.-G., Haus Felsenau, Hergiswil A. See, Switzerland. Reinforced concrete construction. 1,995,585; Mar. 26.
- Schlang, Michael, North Unley, Australia. Machine for the separation of gold or other concentrate from sand or other material. 2,022,926; Dec. 3.
- Schlatter, Carl, Webster, Mass., assignor to S. Slater & Sons, Inc., New York, N. Y. Humidity control switch. 1,995,107; Mar. 19.
- Schl  yer, Felix, Madrid, Spain. Thrashing machine. 2,020,380; Nov. 12.
- Schlecht, Leo. (See M  ller, C., Schlecht, and Keuncke.)
Schlecht, Leo. (See Thobausch, E., and Schlecht.)
Schlecht, Leo, Ludwigshafen-on-the-Rhine, G. Hamprecht, Oppau, and F. Spoun, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of nitroso compounds of cobalt. 1,992,637; Feb. 26.
- Schlecht, Leo, Ludwigshafen-on-the-Rhine, and E. Keuncke, Oppau, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of metal carbonyls. 1,996,833; Apr. 9.
- Schlecht, Leo, and H. Roetger, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of nitrogenous condensation products from acetylene and ammonia. 2,012,174; Aug. 20.
- Schlegel, Alfred A., Akron, assignor to The Jaitte-Grant Display Bag Company, Cleveland, Ohio. Display package. 2,012,483; Aug. 27.
- Schlegel, Carl F., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Combined robe rail and receptacle. 2,024,884; Dec. 17.
- Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Ornamental trimming. 1,994,926; Mar. 19.
- Schlegel, Charles P., Rochester, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Window channel. 2,012,354; Aug. 27.
- Schlegel, Edward D., Rochester, N. Y. Poultry feeding trough. 1,996,690; Apr. 2.
- Schlegel, James D., Tamaqua, Pa. Entrance for beehives. 2,025,908; Dec. 31.
- Schlegel Manufacturing Company, The. (See Rydquist, Adolph, assignor.)
Schlegel Manufacturing Company, The. (See Schlegel, Carl F., assignor.)
Schlegel Manufacturing Company, The. (See Schlegel, Charles P., assignor.)
- Schleicher, George B. (See Wagner, W. C., and Schleicher.)
- Schleicher, Frank H., St. Louis, Mo. Puzzle. 1,996,834; Apr. 9.
- Schleicher, Frederick L., St. Louis County, Mo. Fluid seal. 2,005,833; June 25.
- Schleicher, Manfred, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Device for the transmission of measurement values over long-distance lines. 2,013,544; Sept. 3.
- Schleicher, Paul E., Gary, Ind. Wiper blade. 2,011,015; Aug. 13.
- Schlemmer, Phil G., Nanuet, N. Y., assignor, by mesne assignments, to R. B. Henderson. Machine for cutting paper or the like. 2,026,402; Dec. 31.
- Schlemmer, Phil G., assignor, by mesne assignments, to R. B. Henderson, Nanuet, N. Y. Machine for making containers. 2,026,403; Dec. 31.
- Schlemper, Paul, Solingen-Ohligs, Germany. Pile cutting knife. 2,014,864; Sept. 17.
- Schlenker, John, Los Angeles, Calif. Mail box and the like. 1,990,003; Feb. 5.
- Schlenz, Harry E. (See Babbitt, H. E., and Schlenz.)
- Schlesinger, Harry, Des Moines, Iowa. Ironing board construction. 2,023,747; Dec. 10.
- Schlesinger, Harry, assignor of seventy-four one hundred and eighty-thirds to A. F. Yoerg and thirty-five one hundred and eighty-thirds to J. Goldberg, Des Moines, Iowa. Hat ironing machine. 1,986,364; Jan. 1.
- Schlesinger, Harry, assignor to Cleaners Appliance Company, Des Moines, Iowa. Hat cleaning device. 2,005,327; June 18.
- Schlesinger, K  rt, Berlin, Germany. Cathode arrangement for Braun tubes. 1,993,457; Mar. 5.
- Schlesinger, Kurt, Berlin, Germany. Braun tube. 2,003,775; June 4.
- Schlesinger, M. A. (See Moore, David P., assignor.)
- Schlessner, Frederick H., Chicago, Ill., assignor to Ajax Spring Stabilizer Company, Brookline, Mass. Metal spring cover. 2,014,265; Sept. 10.
- Schletter, Oscar, North Wales, Pa. Slur cock. 2,025,130; Dec. 24.
- Schletz, Fred A., St. Paul, Minn. Mixing machine. 2,022,526; Nov. 26.
- Schletz, Fred A., St. Paul, Minn. Mixing machine. 2,022,527; Nov. 26.
- Schley, Rudolph E., Beaver Dam, Wis. Fluid power transmission. 2,017,107; Oct. 15.
- Schlich, C. Edward. (See Magro, R., assignor, and Borger.)
- Schlichenmaier, Hans. (See Kr  nzlein, G., Schlichenmaier, and Sch  rnig.)
- Schlichting, Otto, Berlin-Steglitz, Germany. Insulation against losses of heat and cold. 2,001,632; May 14.
- Schl  mbach, August, Mainz-Kostheim, assignor to Maschinenfabrik Augsburg-N  rnberg, A. G., Nuremberg, Germany. Mixing and stirring device. 1,986,606; Jan. 1.
- Schlinger, Jules A. (See Douglas, Edward S., assignor.)
- Schlingman, Paul F. (See Kienle, R. H., and Schlingman.)
- Schlingman, Paul F., and R. H. Kienle, Schenectady, N. Y., assignors to General Electric Company. Resinous compositions and making the same. 2,014,953; Sept. 17.
- Schlingpl  sser, Otto, Halle-on-the-Saale, Germany. Suction sweeper. 1,987,028; Jan. 8.
- Schlitt, Joseph L., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Separation of constituents of gaseous mixtures. 2,000,992; May 14.
- Schlitters, Michael J., Detroit, Mich. Multiple tool carrier attachment. 2,014,510; Sept. 17.
- Schlitz, John, Leavenworth, Kans., assignor of one-half to I. W. Bruzger, Bronxville, N. Y. Combination lock. 2,018,745; Oct. 29.
- Schlitzer, Leo J., et al. (See Popovich, Nicholas, assignor.)
- Schlitzer, Leo J., New York, N. Y., assignor of one-third to J. A. Taferner, New York, N. Y., and one-third to N. Popovich, Teaneck, N. J. Eyeball for dolls. 2,024,604; Dec. 17.
- Schloemann Aktiengesellschaft. (See Frielinghaus, Louis, assignor.)
Schloemann Aktiengesellschaft. (See Gassen, Josef, assignor.)
Schloemann Aktiengesellschaft. (See Nehlsen, Hermann, assignor.)
Schloemann Aktiengesellschaft. (See Rottmann, Fritz, assignor.)
Schloemann Aktiengesellschaft. (See Wohlneck, Hans, assignor.)
- Schloemilch, Joachim, Berlin-Lichterfelde, assignor to Telefunken Gesellschaft f  r Drahtlose Telegraphie m. b. H., Berlin, Germany. High frequency generator. 1,997,019; Apr. 9.
- Schl  rf, Joseph E., Pesotum, Ill. Safety oil can. 2,000,299; May 7.
- Schlot, Guido F., Ogden, Utah, assignor to The Automatic Power Transmission Company. Automatic transmission mechanism. 2,026,142; Dec. 31.
- Schlothian, William F., Ketchikan, Territory of Alaska. Removing the skin from fish. 2,020,579; Nov. 12.
- Schl  tterer, Nelson M., Norristown, assignor to H. Brinton Company, Philadelphia, Pa. Rib knitting machine. 1,993,248; Mar. 5.
- Schloz, Arthur H. (See Hatch, M. R., and Schloz.)
- Schl  bach, Hans, Hamburg, Germany. Decomposition of highly polymerized carbohydrates. 2,016,617; Oct. 8.
- Schlueter, Ernest, Jamaica, N. Y. Valve stopper. 1,986,484; Jan. 1.
- Schlueter, Harry R. (See Baird, Wilbur W., assignor.)
- Schlueter, Theodore J., New Orleans, La. Pump for hydraulic drives. 2,006,280; June 25.
- Schlueter, Theodore A., Oakland, Calif. Indicating liquid levels. 2,008,968; July 23.
- Schlumberger, Conrad, Paris, France. Apparatus for sampling the rock in bore holes. 2,015,873; Oct. 1.
- Schlumberger, Conrad, Paris, France, assignor, by mesne assignments, to Schlumberger Well Surveying Corporation. Core taking device. 2,020,856; Nov. 12.
- Schlumberger Well Surveying Corporation. (See Schlumberger, Conrad, assignor.)
- Schlup, Ernest G. (See Allsworth, T. W., Schlup, and Long.)
- Schluter, Charles J., Flushing, N. Y. Loading and unloading truck. 1,991,297; Feb. 12.
- Schmalenbach, Adolf, Essen-Ruhr, Germany. Apparatus for the production of ammonium sulphate. 2,000,038; May 7.
- Schmalholz, Elmer, Chicago, Ill., assignor to Ralston Scales Corporation, Columbus, Ohio. Sighting mechanism for computing scales. 1,996,978; Apr. 9.

- Schmaljohann, Paul, Kiel, assignor, by mesne assignments, to Centra Handels- & Industrie A.-G., Chur, Switzerland. Internal combustion engine. 2,014,672; Sept. 17.
- Schmelkes, Franz C., Bloomfield, and H. C. Marks, assignors to Wallace & Tiernan Products, Inc., Belleville, N. J. Manufacturing n-chloro-azo-dicarbonamides. 2,016,257; Oct. 1.
- Schmeller, John, Sr., Lakewood, Ohio. Method and apparatus for making cast metal containers. 2,024,950; Dec. 17.
- Schmeltzer, Mike, East Akron, Ohio. Fishing bob or float. 1,986,683; Jan. 1.
- Schmelzer, Albert. (See Ballauf, F. and Schmelzer.)
- Schmerber, Raoul J., assignor to La Soudure Electrique Autogene Societe Anonyme, Brussels, Belgium. Supplying current and apparatus for arc welding. 1,997,234; Apr. 9.
- Schmid, Albert. (See Hegwein, G., Stockmeyer, Steinhart, Römelt, Schmid, and Würst.)
- Schmid, Anton. (See Kazenmaier, A., Allendorff, and Schmid.)
- Schmid, Anton, Deggendorf-on-the-Danube, Germany. Roadway. 2,020,083; Nov. 5.
- Schmid, Arthur W. (See Paxton, E. W., and Schmid.)
- Schmid, Arthur W., Clarksburg, W. Va., assignor to Mississippi Glass Company, New York, N. Y. Method of and apparatus for making wire glass. 2,009,706; July 30.
- Schmid, Carl. (See Kurkjian, Yervant H., assignor.)
- Schmid, Carl, Berlin-Charlottenburg, Germany. Carburetor. 2,023,647; Dec. 10.
- Schmid, Joseph. (See Wise, R. J., and Schmid.)
- Schmid, Julius, assignor to Julius Schmid, Inc., New York, N. Y. Pessary. 2,024,539; Dec. 17.
- Schmid, Julius, Inc. (See Schmid, Julius, assignor.)
- Schmid, Karl, Reutlingen, assignor to the firm Vereinigte Metalltuch-Fabriken Peter Villforth, Reutlingen, Germany. Process and apparatus for the manufacture of wire gauze. 2,005,270; June 18.
- Schmid, Max. (See Bonhöte, G., and Schmid.)
- Schmid, Richard. (See Kracker, H., and Schmid.)
- Schmid, Walter. (See Bystricky, J., and Schmid.)
- Schmidgall, Frederick, Cincinnati, Ohio. Doorlatch. 2,012,732; Aug. 27.
- Schmidhofer, Ernst E., et al. (See Di Orio, P., and Schmidhofer.)
- Schmidinger, Joseph, Long Island City, N. Y., and C. C. Bohner, Maplewood, assignors to Tung-Sol Lamp Works, Inc., Newark, N. J. Combined incandescent lamp and flasher. 1,998,823; Apr. 23.
- Schmidt, Adam, Vienna, Austria. Machine for the guidance of tools, and more particularly of fusing burners. 2,017,475; Oct. 15.
- Schmidt Baking Company, The. (See Schmidt, C. P., and Jansen, assignors.)
- Schmidt, Carl A., assignor to Ashco Corporation, St. Paul, Minn. Hot air heater. 2,015,643; Sept. 24.
- Schmidt, Carl, Baerl, Germany. Rolling mill. 1,986,485; Jan. 1.
- Schmidt, Carl P., and E. C. Jansen, assignors to The Schmidt Baking Company, Inc., Baltimore, Md. Bread wrapping and sealing machine. 1,993,488; Mar. 5.
- Schmidt, Charles E. (See De Bakey, M. E., and Schmidt.)
- Schmidt, Eckard F., Milwaukee, Wis., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for affixing reinforcing members to articles and for pressing seams. 2,021,966; Nov. 26.
- Schmidt, Edward E., Spokane, Wash. Electrical connector. 2,005,475; June 18.
- Schmidt, Edwin X., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Method of and apparatus for ascertaining the proportional value of a combustible constituent of a flowing fluid. 2,001,114; May 14.
- Schmidt, Edwin X., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Colorimetric method and apparatus adapted for gas mixing control. 2,002,279; May 21.
- Schmidt, Edwin X., Whitefish Bay, and M. R. Brice, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Gas mixing control system. 1,999,740; Apr. 30.
- Schmidt, Ernest H. (See Veit, Hermann E., assignor.)
- Schmidt, Ernest H., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Draft gear. 1,989,157; Jan. 29.
- Schmidt, Ernst, Berlin, Germany. Sealing means for sheet metal containers. 2,026,002; Dec. 31.
- Schmidt, Ernst, Danzig, Free City of Danzig, assignor to N. V. Internationale Alfol Maatschappij, Amsterdam, Netherlands. Heat insulation for wall structures. 2,015,817; Oct. 1.
- Schmidt, Erwin J., Chicago, Ill., assignor to The Dayton Rubber Mfg. Company, Dayton, Ohio. Belt drive. 1,987,753; Jan. 15.
- Schmidt, Frank W. (See Stough, C. R., and Schmidt.)
- Schmidt, Frank W., assignor to Motor Wheel Corporation, Lansing, Mich. Composite brake drum and making the same. 2,014,865; Sept. 17.
- Schmidt, Franz. (See White, W. M., and Schmidt and Gross.)
- Schmidt, Fritz, Potsdam, Germany. Forced-lubrication system. 1,986,539; Jan. 1.
- Schmidt, Fritz, Troisdorf, near Cologne-on-the-Rhine, Germany. New celluloid like artificial compound of a polyvinyl alcohol aldehyde condensation product. 1,996,216; Apr. 2.
- Schmidt, George A., Walnut Park, Calif. Used tire, facing, stitching and retreading machine. 2,009,524; July 30.
- Schmidt, George R., St. Louis, Mo. Metallic pad. 2,021,749; Nov. 19.
- Schmidt, Gerhard, assignor to K. Biagosch, Leipzig, Germany. Cutting machine for paper, cardboard and the like provided with automatic means for feeding the material to be cut. 1,996,591; Apr. 2.
- Schmidt, Grayson, Fort Monroe, Va., assignor of one-half to H. F. Townsend, Fort Mills, P. I. Method and mechanism for governing rotating bodies. 2,003,558; June 4.
- Schmidt, Gustav E., Chicago, Ill. Friction device for exercisers. 1,994,593; Mar. 19.
- Schmidt, Hans. (See Schmidt, Hermann and H.)
- Schmidt, Hans, Vohwinkel, near Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Complex metal compound of polyhydroxy benzene derivatives and making it. 1,988,575; Jan. 22.
- Schmidt, Hans, Elberfeld-Vohwinkel, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Complex compound of pentavalent antimony with aromatic polyhydroxy compounds. 1,988,576; Jan. 22.
- Schmidt, Hans, Elberfeld-Vohwinkel, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Amine salts of antimonic and phenyl stibonic acids and preparing the same. 1,988,632; Jan. 22.
- Schmidt, Hans, Vohwinkel, near Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Complex metallic compound of saturated aliphatic hydroxy carboxylic acids containing the metal in its higher state of valency and making the same. 2,018,811; Oct. 29.
- Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Valve operating mechanism. 1,986,415; Jan. 1.
- Schmidt, Herman F., San Antonio, Tex. Lock. 2,018,191; Oct. 22.
- Schmidt, Hermann, Berlin-Reinickendorf-Ost, Germany. Winding device for tops. 1,991,122; Feb. 12.
- Schmidt, Hermann, Suhl, and H. Schmidt, Jena, Germany. Free-wheel hub with brake device. 2,012,893; Aug. 27.
- Schmidt, Jakob, Newark, N. J. Illuminated clock. 2,008,930; July 23.
- Schmidt, John. (See Townsend, John J., assignor.)
- Schmidt, John, Philadelphia, Pa., assignor to Food Machinery Corporation, San Jose, Calif. Filling machine. 1,992,329; Feb. 26.
- Schmidt, John, Buffalo, N. Y., assignor to Food Machinery Corporation, San Jose, Calif. Whole grain corn cutter. 2,024,391; Dec. 17.
- Schmidt, John H. (See Bark, W., Schmidt, and Mazurle.)
- Schmidt, John H., Bloomfield, N. J. Artificial resin composition. 2,016,180; Oct. 1.
- Schmidt, Karl, Berlin-Lichtenrade, Germany. Rotary converter. 1,994,029; Mar. 12.
- Schmidt, Karl C., Western Springs, Ill., assignor to The Babcock & Wilcox Company, Newark, N. J. Boiler. 1,999,982; Apr. 30.
- Schmidt, Karl C., Western Springs, Ill., assignor to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 1,999,983; Apr. 30.
- Schmidt, Lambert, Jr., Brooklyn, assignor to himself and L. Freund, New York, N. Y. Electric fuse socket. 2,018,323; Oct. 22.
- Schmidt, Maximilian P., O. SAs, and R. Franke, assignors to Kalle & Co., Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Preparing diazo types and light sensitive layers therefor. 1,989,065; Jan. 22.
- Schmidt, Michael, Junction City, Kans., assignor of one-half to C. W. Wilson, Kansas City, Mo. Axle and wheel aligner. 2,000,993; May 14.
- Schmidt, Norman W., Dayton, Ohio., assignor by mesne assignments to General Motors Corporation. Refrigerator shelf structure. 2,008,315; July 16.
- Schmidt, O. B. (See Smith, C., Prohaska, and Wilson, assignors.)
- Schmidt, Ommo, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. High frequency transmission line. 2,018,324; Oct. 22.
- Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Liquid-circulating means. 1,992,890; Feb. 26.
- Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Liquid-circulating means. 1,992,891; Feb. 26.
- Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Carcass-dehairing machine. 1,995,654; Mar. 26.
- Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Press-head for stuffing machines. 2,004,618; June 11.
- Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Meat grinding machinery. 2,006,318; June 25.
- Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Doorlatch. 2,016,519; Oct. 8.

- Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Machine for treating material. 2,018,618; Oct. 22.
- Schmidt, Otto, New York, N. Y. Tremolo device for accordions. 2,016,122; Oct. 1.
- Schmidt, Otto, assignor to M. Hohner Inc., New York, N. Y. Musical instrument. 2,022,691; Dec. 3.
- Schmidt, Otto, assignor to M. Hohner Inc., New York, N. Y. Musical instrument. 2,022,692; Dec. 3.
- Schmidt, Otto, assignor to Wurlitzer Grand Piano Company, DeKalb, Ill. Accordion. 2,023,342; Dec. 3.
- Schmidt, Otto, and K. Huttner, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of unsaturated ketones. 1,988,021; Jan. 15.
- Schmidt, Otto, and K. Huttner, Ludwigshafen-on-the-Rhine, and G. Kaeb, Rheingonheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of unsaturated alcohols. 2,009,948; July 30.
- Schmidt, Otto W. (See Carswell, F. L., and Schmidt.)
- Schmidt, Richard, Dessau, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Sound negative for direct production of sounds. 1,988,512; Jan. 22.
- Schmidt, Richard, Dessau-in-Anhalt, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Sound recording. 1,990,843; Feb. 12.
- Schmidt, Richard, Dessau in Anhalt, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Sound film. 2,005,847; June 25.
- Schmidt, Richard, Dessau in Anhalt, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Printing sound and moving picture films. 2,018,812; Oct. 29.
- Schmidt, Richard, Dessau-in-Anhalt, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Printing device for sound films. 2,021,264; Nov. 19.
- Schmidt, Robert E., and C. Bamberger, Wuppertal-Elberfeld, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Preparing high molecular anthraquinone derivatives. 1,994,622; Mar. 19.
- Schmidt, Rudolf, Weisswasser, Germany, assignor to General Electric Company, New York, N. Y. Gaseous electric discharge lamp device. 2,001,504; May 14.
- Schmidt, Ulrich M., assignor of one-fourth to G. C. Willcox, Saginaw, Mich. Pneumatic shutter mechanism. 1,989,115; Jan. 29.
- Schmidt, Walter. (See Nicodemus, O., Schmidt, Ossenbeck, and Tietze.)
- Schmidt, Wilhelm, Berlin, Germany. Vaporizer. 2,005,244; June 18.
- Schmidt, William D., assignor to The Heald Machine Company, Worcester, Mass. Tool setting gauge. 2,000,476; May 7.
- Schmidt, William D., assignor to The Heald Machine Company, Worcester, Mass. Loading apparatus for chucks. 2,015,439; Sept. 24.
- Schmidt, Werner A. (See Kleinschmit, O., Geissler, and Schmidt.)
- Schmidtke, Albert H., assignor to St. Joseph Iron Works, St. Joseph, Mich. Basket making machine and method. 2,005,439; June 18.
- Schmidtke, Albert H., assignor to St. Joseph Iron Works, St. Joseph, Mich. Method of and apparatus for making receptacles. 2,016,562; Oct. 8.
- Schmidt'sche Heissdampf-Gesellschaft m. b. H. (See Engler, Otto, assignor.)
- Schmiedeknecht, Victor E., Louisville, Ky. Bathtub and shower control valve. 2,000,791; May 7.
- Schmiedeknecht, Victor E., Louisville, Ky. Sprinkler head for shower baths. 2,000,792; May 7.
- Schmiedeknecht, Victor E., Louisville, Ky. Sprinkler head for shower baths. 2,006,688; July 2.
- Schmiedeknecht, Victor E., and R. C. Boyd, Louisville, Ky., assignors to Standard Sanitary Manufacturing Company. Time controlled flush valve. 2,018,036; Oct. 22.
- Schmiedel, Johannes, Dresden, assignor to "Universelle" Cigarettenmaschinen-Fabrik, J. C. Müller & Co., Dresden, Germany. Method and apparatus for applying paper bands and the like to cigars. 2,006,116; June 25.
- Schmierer, Eugene, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Machine for dissolving xanthate and the like. 1,990,960; Feb. 12.
- Schmierer, Eugene, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Support for machines. 1,996,627; Apr. 2.
- Schmierer, Eugene, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Apparatus for extracting juices. 1,999,739; Apr. 30.
- Schmierer, Michael, Berlin, Germany. Glow discharge device. 2,002,551; May 28.
- Schmieske, Carl. (See Bauer, G., and Schmieske.)
- Schmihing, Matthias. (See Vierling, K., Schmihing, and Klingenberg.)
- Schmihing, Matthias, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to Unyte Corporation, New York, N. Y. Production of dimethylol urea. 1,989,628; Jan. 29.
- Schmitt, George P., New York, N. Y., assignor to Platinum Products Corporation. Lighter. 2,023,617; Dec. 10.
- Schmitt, Frank R., Queens Village, N. Y., assignor to American Machine & Foundry Company. Epicyclic bread slicing machine. 2,008,111; July 16.
- Schmitt, Frederick H., Cleveland, assignor of one-half to B. Deland, South Euclid, Ohio. Cream remover. 2,015,353; Sept. 24.
- Schmitt, George P., New York, N. Y., assignor to Cardinal Products, Inc. Lighter. 2,005,476; June 18.
- Schmitt, George P., New York, N. Y., assignor to The Glolite Corporation. Lighter. 2,005,477; June 18.
- Schmitt, George P., New York, N. Y., assignor to Platinum Products Corporation. Lighter. 2,005,478; June 18.
- Schmitt, Hans, Lautawerk/Lausitz, Germany. Damping device for overhead cables. 1,997,154; Apr. 9.
- Schmitt, Harold. (See Blake, H. A., and Schmitt.)
- Schmitt, Harry A. (See Wood, S. M., and Schmitt.)
- Schmitt, John A., assignor to The Universal Milking Machine Company, Waukesha, Wis. Inflation tube for milking apparatus. 1,995,283; Mar. 19.
- Schmitt, John A., assignor to The Universal Milking Machine Company, Waukesha, Wis. Regulating device for pulsators. 2,017,807; Oct. 15.
- Schmitt, John J. (See McNally, J. G., and Schmitt.)
- Schmitt, Joy B., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer control. 1,991,961; Feb. 19.
- Schmitt, Lawrence R., Park Ridge, assignor to Teletype Corporation, Chicago, Ill. Radio telegraph system. 2,012,407; Aug. 27.
- Schmitt, Leo A., Washington, D. C. Intermediate justification signal for monotype composing machines. 1,998,848; Apr. 23.
- Schmitt, Paul, Paris, France. Rheostat. 2,000,718; May 7.
- Schmitt, Richard H., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,006,966; July 2.
- Schmitt, Robert. (See Krzikalla, H., Eistert, Schmitt, and Kracker.)
- Schmitt, William H., St. Paul, Minn. Nut lock washer. 2,013,526; Sept. 3.
- Schmitter, Walter P., and R. Wiken, assignors to The Falk Corporation, Milwaukee, Wis. Geared electric motor. 1,988,338; Jan. 15.
- Schmitter, Walter P., assignor to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,016,248; Oct. 1.
- Schmittutz, Carl, Bad Kissingen, Germany, assignor to Osmose Holzimprägnierungs G. m. b. H., Leipzig, Germany. Impregnating wood. 2,012,975; Sept. 3.
- Schmittutz, Carl, Bad Kissingen, Germany, assignor to Osmose Holzimprägnierungs G. m. b. H., Leipzig, Germany. Composition for impregnating wood. 2,012,976; Sept. 3.
- Schmitz, Fred A., Cincinnati, assignor to The Globe-Wernicke Company, Norwood, Ohio. Filing drawer. 2,004,057; June 4.
- Schmitz, Fred A., Cincinnati, assignor to The Globe-Wernicke Company, Norwood, Ohio. Envelope. 2,016,258; Oct. 1.
- Schmitz, Fred A., Cincinnati, assignor to The Globe-Wernicke Company, Norwood, Ohio. Index tab. 2,016,259; Oct. 1.
- Schmitz, Gustav. (See Henderson, F. E., Larsen and Schmitz.)
- Schmohl, Alfred C., Beaver Falls, and H. N. D. Asper, Koppel, assignors, by mesne assignments, to Koppel Industrial Car and Equipment Company, McKees Rocks, Pa. Car coupler. 2,004,221; June 11.
- Schmohl, Alfred C., Beaver Falls, assignor to Koppel Industrial Car and Equipment Company, Koppel, Pa. Cylindrical drum tumbler used in the process of mixing paint. 2,004,222; June 11.
- Schmohl, Alfred C., Beaver Falls, and J. P. Anderson, Koppel, Pa. Lock lid for journal boxes. 2,005,479; June 18.
- Schmutte, Theodor B., Atlas-Werke, Bremen, Germany, assignor to Submarine Signal Company, Boston, Mass. Submarine signaling apparatus. 1,986,647; Jan. 1.
- Schmutz, Oskar, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 1,997,657; Apr. 16.
- Schmutzer, Charles, Irvington, assignor to Hoffman Beverage Company, Newark, N. J. Dispensing machine valve. 1,988,142; Jan. 15.
- Schnackel's, C., Son, Inc. (See McLean, William A., assignor.)
- Schnaier, Milton, New York, N. Y. Manufacturing and packaging articles. 2,003,516; June 4.
- Schnaier, Milton, New York, N. Y. Stick handling mechanism. 2,003,517; June 4.
- Schnaier, Milton, New York, N. Y. Apparatus for and method of processing frozen confections. 2,003,518; June 4.
- Schnaier, Milton, New York, N. Y. Apparatus for arranging articles. 2,003,519; June 4.
- Schnaier, Milton, New York, N. Y. Smoking pipe. 2,024,540; Dec. 17.
- Schnaier, Milton, New York, N. Y., assignor to The Pop-sicle Corporation of the United States. Container for frozen confections. 1,987,945 Jan. 15.
- Schnaier, Milton, New York, N. Y., assignor to The Pop-sicle Corporation of the United States. Frozen confection. 2,003,612; June 4.
- Schnaittacher, Herman, assignor to Venus Corporation, New York, N. Y. Bust protector. 1,989,382; Jan. 29.
- Schnaitter, Edgar J., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Balance indicator. 2,023,244; Dec. 3.
- Schneck, Max. (See Goldberg, Max, assignor.)

- Schnecko, Otto. (See Schwalbe, W., and Schnecko.)
- Schneidarek, Emil F., Cuyahoga Falls, and T. J. Smith, assignors to The General Tire & Rubber Company, Akron, Ohio. Apparatus for making rubber tubes. 1,996,491; Apr. 2.
- Schneeweis, Daniel D., Mount Vernon, N. Y. Ornamental device. 2,014,414; Sept. 17.
- Schneible, Claude B., Evanston, Ill. Dust arrester. 2,014,298; Sept. 10.
- Schneider, Adolf, Jackson Heights, N. Y. Printing ink. 1,992,016; Feb. 19.
- Schneider, Albert E., Carter Lake, Iowa, assignor to Baker Ice Machine Co. Inc., Omaha, Nebr. Filing machine. 1,987,580; Jan. 8.
- Schneider, Albert E., Carter Lake, Iowa, assignor to Baker Ice Machine Co. Inc., Omaha, Nebr. Sealing machine. 1,987,581; Jan. 8.
- Schneider & Cie, et al. (See Daum, Leon, assignor.)
- Schneider & Cie. (See Fleux, Jean, assignor.)
- Schneider & Cie. (See Methlin, Nicolas E., assignor.)
- Schneider, Edwin J., Jamaica, assignor to Eastern Tube and Tool Co. Inc., Brooklyn, N. Y. Apparatus for manufacturing armored conductors. 1,995,866; Mar. 26.
- Schneider, Elbert D. (See Chambers, D. E., and Schneider.)
- Schneider, Ernest, assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Treatment of cheese. 2,021,899; Nov. 26.
- Schneider, Ernest P., Washington, D. C. Money counting machine. 2,004,835; June 11.
- Schneider, Ernst, Vienna, Austria. Ship and ship construction. 2,022,056; Nov. 26.
- Schneider, Frank H., Spring City, assignor to The Floyd-Wells Company, Royersford, Pa. Combined rack, drip pan, baffle, and lighter for ranges. 1,986,017; Jan. 1.
- Schneider, Franz K., Philadelphia, Pa. Plastic material dispenser. 1,986,166; Jan. 1.
- Schneider, Frederick, Ozone Park, assignor to A. Thomsen & Co., Ridgewood, N. Y. Batter dispenser. 1,996,628; Apr. 2.
- Schneider, George. (See Beran, C. F., and Schneider.)
- Schneider, George. (See Dreyfus, C., and Schneider.)
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Cellulose esters and making the same. 2,010,111; Aug. 6.
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Manufacture or treatment of yarns or filaments. 2,010,900; Aug. 13.
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Ester of naphthenic acid. 2,016,392; Oct. 8.
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Cellulose derivative composition. 2,025,957; Dec. 31.
- Schneider, Henry J., New York, N. Y. Window screen. 1,987,080; Jan. 8.
- Schneider, Heinrich, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Engine fuel control means. 2,026,069; Dec. 31.
- Schneider, Hermann. (See Straub, F., and Schneider.)
- Schneider, Joseph E. (See Reichel, J., and Schneider.)
- Schneider, Julius, Munich, Germany. Matrix band. 1,997,435; Apr. 9.
- Schneider, Julius, Munich, Germany. Process of and apparatus for producing printing forms. 2,023,859; Dec. 10.
- Schneider, Leo G., Chicago, Ill. Straight edge gauge. 2,008,840; July 23.
- Schneider, Paul. (See Jordan, F., and Schneider.)
- Schneider, Ralph F., St. Clair Shores, Mich. Electric heater. 1,991,422; Feb. 19.
- Schneider, Robert A. (See Moody, Elton A., assignor.)
- Schneider, Rudolph, assignor to Busch-Sulzer Bros., Diesel Engine Company, St. Louis, Mo. Engine scavenging system. 2,021,204; Nov. 19.
- Schneider, Wilhelm, Dessau-in-Anhalt, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Manufacture of photographic silver halide emulsion layers. 2,006,002; June 25.
- Schneider, Wilhelm, and K. Hebbel, Dessau in Anhalt, Germany, assignors to Agfa Anso Corporation, Binghamton, N. Y. Photographic film free from halation. 1,994,875; Mar. 19.
- Schneider, Wilhelm, Dessau in Anhalt, and K. Hebbel, Wolfen, near Bitterfeld, Germany, assignors to Agfa Anso Corporation, Binghamton, N. Y. Photographic film free from halation. 1,994,876; Mar. 19.
- Schneider, William G. (See Ehrlich, L. B., and Schneider.)
- Schneider, William G., Maumee, Ohio, assignor to The Electric Auto-Lite Company, Toledo, Ohio. Timer and distributor mechanism. 2,008,647; July 16.
- Schneider, William G., Maumee, and W. M. Friend, assignors to The Electric Auto-Lite Company, Toledo, Ohio. Combined timer and distributor. 1,989,629; Jan. 29.
- Schneiderman, Joseph, Chicago, Ill. Permanent wave rod. 2,010,112; Aug. 6.
- Schnidewind, Richard, Ann Arbor, Mich. Chromium plating. 2,020,382; Nov. 12.
- Schnell, Steve. (See Dick, B., and Schnell.)
- Schnell, Steve, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking apparatus. 2,005,874; June 25.
- Schnell, Steve, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking apparatus. 2,007,256; July 9.
- Schnell, Steve, assignor to Wagner Electric Corporation, St. Louis, Mo. Liquid pressure mechanism. 2,018,325; Oct. 22.
- Schnell, William. (See Bowlus, B. H., and Schnell.)
- Schnell, William, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Latch. 2,025,311; Dec. 24.
- Schnelle, Ernest E., Rochester, N. Y. Antifriction bearing for centers, spindles, etc. 1,993,809; Mar. 12.
- Schnellpressenfabrik Aktiengesellschaft Heidelberg. (See Büttner, Artur, assignor.)
- "Schnellpressenfabrik Koenig & Bauer Aktiengesellschaft." (See Fritz, Hanns, assignor.)
- Schnepf, Emil W., Colton, and L. W. Schnepf, San Bernardino, Calif. Cream separator. 1,992,243; Feb. 26.
- Schnepf, Emil W., Colton, and L. W. Schnepf, San Bernardino, Calif. Pilot light control. 2,015,318; Sept. 24.
- Schnepf, Louis W. (See Schnepf, Emil W., and L. W.)
- Schnetzler, Siegfried, Sparrows Point, Md., assignor, by mesne assignments, to North American Aviation, Inc. Welding reinforcement method. 2,014,090; Sept. 10.
- Schnider, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Barbituric acid compounds of 1-phenyl-2,3-dimethyl-4-isopropyl-5-pyrazolone. 2,014,866; Sept. 17.
- Schnitzler, Alexander, assignor to Electricitätsgesellschaft "Sanitas" m. b. H., Berlin, Germany. Röntgen-ray apparatus. 2,019,362; Oct. 29.
- Schnitzler, Robert. (See Streitwolf, K., Pehle, Herrmann, Fritzsche, and Schnitzler.)
- Schnitzler, Eduard, Wolfen, near Bitterfeld, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Protecting film rolls from the entry of light. 1,987,247; Jan. 8.
- Schnitzman, George, Brooklyn, N. Y. Putty covering, protecting, and retaining means for a window sash. 1,988,143 Jan. 15.
- Schnitzspahn, Karl, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Preparing solid diazonium salts. 2,018,095; Oct. 22.
- Schnoor, Raymond D. (See Mulford, F. B., and Schnoor.)
- Schnuelle, Edward A., and C. J. Fernquist, Dix, Nebr. Surface cultivator shoe. 1,990,672; Feb. 12.
- Schnur, Jacob, assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Packaging machine. 2,011,829; Aug. 20.
- Schoch, Eugene P., Austin, Tex. Producing wall plaster. 1,989,712; Feb. 5.
- Schock, Clarence, Mount Joy, Pa. Tank vehicle for transporting fluids. 2,022,324; Nov. 26.
- Schoeller, Walter, Berlin-Westend, and E. Borgwardt, Berlin-Pankow, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Production of 3-menthene. 1,999,061; Apr. 23.
- Schoeller, Walter, Berlin-Westend and O. von Schleich, Berlin, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Amino anhydrides and making same. 2,002,280; May 21.
- Schoeller, Walter, Berlin-Westend, H. G. Allardt, Berlin-Reinickendorf-West, and A. Feldt, Berlin-Charlottenburg, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Complex compound of organic mercapto compounds. 2,006,003; June 25.
- Schoen, André, Hackensack, N. J., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Preparing outlines of designs. 2,013,010; Sept. 3.
- Schoenberger, Barbara, Jersey City, N. J. Blouse and slip combination. 1,992,892; Feb. 26.
- Schoenberger, Daniel J., assignor to The W. J. Schoenberger Company, Cleveland, Ohio. Lighting devices for gas burners. 2,016,839; Oct. 8.
- Schoenberger, John P., Oakland, Calif. Can opener. 2,020,580; Nov. 12.
- Schoenberger, W. J., Company, The. (See Kindol, J. V., and Slavin, assignors.)
- Schoenberger, W. J., Company, The. (See Schoenberger, Daniel J., assignor.)
- Schoene, Kurt, Hamburg, Germany. Annular valve. 1,986,944; Jan. 8.
- Schoene, Kurt, Hamburg, Germany. Pump. 1,990,618; Feb. 12.
- Schoene, Josef, Berlin, Germany. Injection syringe. 2,015,970; Oct. 1.
- Schoenfeld, Frank H., Cleveland Heights, assignor to The Titan Valve and Manufacturing Company, Cleveland, Ohio. Valve mechanism. 2,011,690; Aug. 20.
- Schoenfeld, Frank H., Cleveland Heights, assignor to The Titan Valve and Manufacturing Company, Cleveland, Ohio. Thermostat mechanism. 2,011,691; Aug. 20.
- Schoenfeld, Jacob, New York, N. Y. Hand bag frame. 1,986,164; Jan. 1.
- Schoenfeld, Jacob, New York, N. Y., assignor to United Carr Fastener Corporation, Cambridge, Mass. Portable receptacle and frame therefor. 2,010,276; Aug. 6.
- Schoenfeld, Oliver C. (See Blankenbuehler, J. H., and Schoenfeld.)
- Schoening, Max, Brooklyn, N. Y. Changeable number sign. 1,988,286; Jan. 15.
- Schoenky, August R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Peterson, N. J. Shoe-conveying system. 2,001,750; May 21.

- Schoenrock, Otto R., Chicago, Ill., assignor to Oliver Farm Equipment Company. Tractor. 1,990,209; Feb. 5.
- Schoepe, Joseph, Bronx, N. Y. Bubble blower. 1,995,108; Mar. 19.
- Schoepfer, Alfred C., Birmingham, Mich. Aquarium. 1,986,018; Jan. 1.
- Schoettel, Alfred G., Brooklyn, assignor to American Can Company, New York, N. Y. Container opening key. 2,017,077; Oct. 15.
- Schoettle, Edwin J., Company. (See Schoettle, Edwin J., assignor.)
- Schoettle, Edwin J., assignor to Edwin J. Schoettle Company, Philadelphia, Pa. Container. 2,003,224; May 28.
- Schoew, Karl F., Huntington, W. Va. Hygrometer operated switch. 2,019,635; Nov. 5.
- Schoew, Karl F., Huntington, W. Va. Hygrometer. 2,020,081; Nov. 5.
- Schofield, Bessie C., et al. (See Wilkinson, Ellis H., assignor.)
- Schofield, Edwin R., Philadelphia, Pa. Automatic tide gate and sewage regulator. 2,018,383; Oct. 22.
- Schofield, Edwin R., and R. Kramaroff, Philadelphia, Pa. Cleaning means for bar screens. 2,009,005; July 23.
- Schofield, Frank H., Everett, and E. A. Peacor, Snohomish, Wash.; said Peacor assignor to said Schofield. Ratchet device. 2,010,528; Aug. 6.
- Schofield, Joseph, assignor to Taylor Instrument Companies, Rochester, N. Y. Barometer. 1,995,436; Mar. 26.
- Schofield, Mary E., et al. (See Wilkinson, Ellis H., assignor.)
- Schofield, Samuel T., assignor to National Electrical Supply Company, Washington, D. C. Electric switch. 2,014,874; Oct. 1.
- Schofield, Stanley T., Wilkinsburg, and S. H. Boden, Turtle Creek, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Operating mechanism for circuit breakers and the like. 1,988,610; Jan. 22.
- Schofield, Wilfred C. (See Bigelow, C. G., and Schofield.)
- Schol, Carl H., Allendorf (Dillkreis), Germany. Causing liquid slags and melts to set in a highly porous fashion. 2,024,308; Dec. 17.
- Scholes, Daniel R., Oak Park, assignor to Aer-motor Company, Chicago, Ill. Pump. 1,993,184; Mar. 5.
- Scholl, Harry S., and R. J. Donnelly, assignors to F. H. Hill Company, Inc., Chicago, Ill. Casket handle. 2,023,211; Dec. 3.
- Scholl Mfg. Co., The. (See Perryman, George H., assignor.)
- Scholl Mfg. Co., The. (See Scholl, William M., assignor.)
- Scholl Mfg. Co., Inc., The. (See Koppe, William F., assignor.)
- Scholl, William M., Chicago, Ill. Foot measure and shoe size indicator. 2,000,257; May 7.
- Scholl, William M., Chicago, Ill. Corn pad. 2,015,497; Sept. 24.
- Scholl, William M., assignor to The Scholl Mfg. Co., Inc., Chicago, Ill. Medical pad. 1,996,835; Apr. 9.
- Scholl, William M., assignor to The Scholl Mfg. Co., Inc., Chicago, Ill. Foot measuring and impression device. 2,000,256; May 7.
- Scholler, Heinrich, Sollin, near Munich, and W. Karsch, Tornesch, Germany. Converting cellulose and the like into sugar with dilute acids under pressure. 1,990,097; Feb. 5.
- Scholtes, Albert J., Baltimore, Md. Polycycle propulsion means. 2,002,046; May 21.
- Scholtes, Albert J., Baltimore, Md. Scooter and sleigh runner. 2,006,325; June 25.
- Scholtes, Albert J., Baltimore, Md. Flexible coasting sled. 2,006,326; June 25.
- Scholtes, Albert J., Baltimore, Md. Hose clamp. 2,006,327; June 25.
- Scholtes, Albert J., Baltimore, Md. Center bowing steering and braking sled runners. 2,006,328; June 25.
- Scholtes, Albert J., Baltimore, Md. Encircling band tightener. 2,006,329; June 25.
- Scholtes, Albert J., Baltimore, Md. Coasting sled. 2,006,330; June 25.
- Scholtes, Albert J., Baltimore, Md. Bowing and twisting sled runners. 2,026,440; Dec. 31.
- Scholtes, Frank X. (See Clasen, A., and Scholtes.)
- Scholtz, William E. (See Brightwell, Thaddeus S., assignor.)
- Scholz, Carl, Charleston, W. Va. Briquetting machine. 1,986,365; Jan. 1.
- Scholz, Carl, Charleston, W. Va. Fine coal feeder. 1,993,249; Mar. 5.
- Scholz, Erich. (See Eisenmann, K., Scholz, and Wolf.)
- Scholz, Herman A., Oak Park, and O. Haydon, assignors to United States Gypsum Company, Chicago, Ill. Paint composition. 1,994,438; Mar. 12.
- Schomburg, William H. (See Snell, S. A., and Schomburg.)
- Schomburg, William H., D. R. Feemster, and W. L. Peters, assignors to The Bingham Stamping & Tool Company, Toledo, Ohio. Lever. 1,986,227; Jan. 1.
- Schomer, Henry J., assignor to Waite Carpet Company, Oshkosh, Wis. Tufting mechanism. 1,993,862; Mar. 12.
- Schomer, Henry J., assignor to Waite Carpet Company, Oshkosh, Wis. Tufting mechanism. 2,017,326; Oct. 15.
- Schön, Karl, Würzburg, Germany. Emergency sluice. 1,997,314; Apr. 9.
- Schonemann, Karl, Heidelberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of valuable hydrocarbon liquids. 1,993,386; Mar. 5.
- Schönfeld, Paul, Chemnitz, Germany. Manufacture of warp goods. 2,012,355; Aug. 27.
- Schönfeld, Paul, Chemnitz, Germany. Manufacture of ribbed warp fabric. 2,015,818; Oct. 1.
- Schönhoff, Herman C., and S. Breed, Elizabeth, Ill. Flood water gate. 2,018,580; Oct. 22.
- Schönig, Paul, assignor to Demag Aktiengesellschaft Duisburg, Germany. Track sanding device. 1,990,253; Feb. 5.
- Schonitzer, Rudolph I., Auburn, Ind. Vehicle door support. 2,024,885; Dec. 17.
- Schonitzer, Rudolph I., Auburn, Ind. Door support. 2,024,886; Dec. 17.
- Schonitzer, Rudolph I., Cleveland, Ohio. Door support. 2,024,887; Dec. 17.
- Schoof, Arthur W. (See Engst, N. K., and Schoof.)
- Schoof, Arthur W., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for gauging and adjusting articles. 2,002,679; May 28.
- Schoof, Arthur W., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Gauge. 2,018,384; Oct. 22.
- Schooley, Harry O. (See Schooley, John M., assignor.)
- Schooley, John M., assignor of one-half to H. O. Schooley, Madison, Ill. Tube closure. 2,006,484; July 2.
- Schoofield, Lucille D., Washington, D. C. Game. 1,991,468; Feb. 19.
- Schopbach, Charles H., and W. G. Weber, assignors to International Corset Company, Aurora, Ill. Corset. 2,013,190; Sept. 3.
- Schopp, John E., Oak Park, Ill. Coated paper and manufacture. 1,999,260; Apr. 30.
- Schopp, John E., Oak Park, Ill. Making grease and moistureproof paper and similar material. 2,021,947; Nov. 26.
- Schoppe, William A., Geneva, Ill. Dispensing device for mustard and the like. 1,995,627; Mar. 26.
- Schopper, Alfred, Leipzig, Germany. Flexure testing machine. 2,007,286; July 9.
- Schopper, Alfred, Leipzig, Germany. Paper pulp testing device. 2,022,010; Nov. 26.
- Schopper, Alfred, Leipzig, B. P. von Ehrenthal, Kothen, and E. Unger, Leipzig-Marienbaum, assignors to the firm Louis Schopper, Leipzig, Germany. Manufacture of paper. 1,995,586; Mar. 26.
- Schopper, Louis. (See Schopper, A., von Ehrenthal and Unger, assignors.)
- Schopper, Rudolf, Leipzig, Germany. Apparatus for test-porous materials. 2,021,948; Nov. 26.
- Schorer, Otto J., Orange, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Hole spotter for collaring drill holes. 1,986,289; Jan. 1.
- Schorle, Herman J. (See Smith, W. A., Jr., and Schorle.)
- Schorle, Herman J., Astoria, Long Island, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Hole spotter. 1,986,290; Jan. 1.
- Schorle, Herman J., Astoria, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Percussive tool valve. 2,003,121; May 28.
- Schorle, Herman J., Astoria, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Pile driving apparatus. 2,006,561; July 2.
- Schorle, Herman J., Astoria, N. Y., and W. A. Smith, Jr., North Arlington, N. J., assignors to Worthington Pump and Machinery Corporation, New York, N. Y. Percussive tool valve. 2,018,096; Oct. 22.
- Schörnig, Ludwig. (See Kränzlein, G., Schlichenmaier, and Schörnig.)
- Schorr, Max, Houston, Tex. Insulated staple. 2,001,288; May 14.
- Schorr, Wallace, Morningside, Minn. Aquarium. 2,016,123; Oct. 1.
- Schott, Gertrude M., Fond du Lac, Wis. Garment hanger. 2,015,319; Sept. 24.
- Schott, Howard H. (See Fisher, A. F., and Schott.)
- Schott, Lionel. (See Mitchell, D., and Schott.)
- Schotte, Herbert, and K. Görnitz, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Insecticidal preparation. 2,024,392; Dec. 17.
- Schottenfels, Henry, deceased; M. Schottenfels and F. A. Mack, executors, assignors to Monroe Schottenfels, West New York, N. J. Brassière back connections for evening attire. 2,001,505; May 14.
- Schottenfels, Monroe. (See Schottenfels, Henry, assignor.)
- Schottenfels, Monroe, executors, et al. (See Schottenfels, Henry, assignor.)
- Schottky, Walter, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Discharge tube. 2,004,175; June 11.
- Schottland, Michael R., and R. A. Fontaine, Martinsville, Va. Glass grinding machine. 2,003,905; June 4.
- Schou, Theodor, Beloit, Wis., assignor to Fairbanks, Morse & Company, Chicago, Ill. Frequency changer. 2,023,245; Dec. 3.
- Schouwstra, Pieter. (See Bruijnes, J., Schouwstra, and van Engel.)

- Schowalter, Peter, Hagen, assignor to E. Pulvermacher, Hagen-Haspe, Germany. Box-shaped spring. 2,015,820; Oct. 1.
- Schowanek, Hans, Albrechtsdorf, Czechoslovakia, Cigarette or cigar case. 1,999,304; Apr. 30.
- Schrader, Gebhard, Opladen, near Cologne-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Waterinsoluble azo dyestuffs. 2,023,773; Dec. 10.
- Schrader, Gerhard. (See Schweitzer, H., and Schrader.)
- Schrader, Gerhard, Opladen, near Cologne-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Water insoluble azo dyestuff containing a benzanthrone nucleus. 2,005,848; June 25.
- Schrader's, A., Son, Inc. (See Clo, Jay H., assignor.)
- Schrader's, A., Son, Incorporated. (See Littlefield, Lloyd M., assignor.)
- Schrader's, A., Son, Incorporated. (See Williams, Selden T., assignor.)
- Schrader, Frank J., Jr., Glen Ellyn, assignor, by mesne assignments, to Mechanical Parking Patents, Inc., Chicago, Ill. Method and apparatus for storing and reclaiming vehicles. 1,998,290; Apr. 16.
- Schrag, Jacob, Rochester, N. Y. Turbine drive for automobiles. 2,024,663; Dec. 17.
- Schraitle, Conrad W., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Bottle filling machinery. 2,010,565; Aug. 6.
- Schramm, Carl, North Coventry, assignor to The Smyth Manufacturing Company, Hartford, Conn. Presser plate for book stitching machines. 1,995,754; Mar. 26.
- Schramm, Carl, North Coventry, assignor to The Smyth Manufacturing Company, Hartford, Conn. Book signature feed. 2,025,527; Dec. 24.
- Schramm, Henry W. (See de Coriolis, E. G., and Schramm.)
- Schramm, Incorporated. (See Gustafson, Alfred N., assignor.)
- Schramm, Otto, Wernigerode-on-the-Harz, Germany. Temperature measuring appliance for hot fluid masses. 2,025,617; Dec. 24.
- Schramm, Roy A., Bay City, Mich. Ball bearing hinge. 2,010,901; Aug. 13.
- Schramm, Walter H., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Distribution apparatus. 2,020,913; Nov. 12.
- Schrank, Max C., Bridgeton, N. J. Wrap-around garment. 1,988,053; Jan. 15.
- Schrauben- und Schmiede-Waarenfabriks-Aktiengesellschaft Breviller & Co. und A. Urban & Soehne. (See Heller, Julius, assignor.)
- Schrauth, Walther, Berlin-Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Sulphonated naphthenic alcohol and preparing the same. 2,000,994; May 14.
- Schrauth, Walther, Berlin-Dahlem, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Plastic materials. 2,002,800; May 28.
- Schrauth, Walther, Berlin-Dahlem, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Treatment of rubber. 2,006,184; June 25.
- Schrauth, Walther, Berlin-Dahlem, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Emulsifiable waxes. 2,009,345; July 23.
- Schrauth, Walther, Berlin-Grunewald, Germany, assignor to The Hydronaphene Corporation, Wilmington, Del. Purifying pyridines. 2,014,867; Sept. 17.
- Schrauth, Walther, Berlin-Dahlem, Germany, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. New compositions of matter. 2,015,239; Sept. 24.
- Schrauth, Walther, Berlin-Dahlem, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Preparing wetting agents. 2,015,500; Sept. 24.
- Schrauth, Walther, Berlin-Dahlem, and R. Hueter, Rossau in Anhalt, Germany, assignors, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Preparation of inorganic acid esters of higher glycols. 2,014,782; Sept. 17.
- Schrauth, Walther, Berlin-Dahlem, and T. Böttler, Rodleben B. Rossau, Germany, assignors, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Production of alcohols. 2,023,383; Dec. 3.
- Schreck, Hans L., assignor to Treadwell Engineering Company, Easton, Pa. Rolling mill. 1,990,051; Feb. 5.
- Schreck, Hans L., assignor to Treadwell Engineering Company, Easton, Pa. Controlling means for flying shears or the like. 2,022,574; Nov. 26.
- Schreder, Karl, Vienna, Austria. Manufacture of minim alcohol beverage. 1,995,626; Mar. 26.
- Schreiber, Carl W., Alton, Ill., assignor to Owens-Illinois Glass Company. Charge severing mechanism. 2,018,152; Oct. 22.
- Schreiber, Carl W., and J. E. McLaughlin, Alton, Ill., assignors to Owens-Illinois Glass Company. Charge severing mechanism. 1,991,705; Feb. 19.
- Schreiber, Carl W., and J. E. McLaughlin, Alton, Ill., assignors to Owens-Illinois Glass Company. Glassware forming machine. 1,995,628; Mar. 26.
- Schreiber, Carl W., Alton, Ill., and L. D. Soubier, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Timer. 2,017,992; Oct. 22.
- Schreiber, Ernst P., Newark, N. J. Coating with chromi-um. 2,025,528; Dec. 24.
- Schreiber, John V., Brooklyn, N. Y. Revolving door. 2,025,958; Dec. 31.
- Schreiber, Leon, Cleveland, Ohio. Belt. 1,993,310; Mar. 5.
- Schreiber, Louis H., assignor of one-half to M. S. North, Chicago, Ill. Display device. 2,001,798; May 21.
- Schreiber, Louis J. J., Paris, France, assignor to Western Electric Company, Incorporated, New York, N. Y. Electrically operated register. 2,008,262; July 16.
- Schreier, Max L., Brooklyn, N. Y. Adjustable garment form. 2,026,325; Dec. 31.
- Schreiner, Carl R., Brooklyn, N. Y. Pile wire for looms. 2,006,151; June 25.
- Schreyer, Oscar, assignor to H. Stoffel and F. L. Stoffel, Horn Thurgau, Switzerland, trading as Stoffel & Sohn Machine for affixing two-part seals to string. 2,002,588; May 28.
- Schröckel, Otto, Mount Healthy, Ohio. Composing pictures. 2,019,098; Oct. 29.
- Schrieber, Albert. (See Zimmerman, T., and Schrieber.)
- Schrier, Donald P., assignor to Reynolds Spring Company, Jackson, Mich. Spring structure. 1,997,287; Apr. 9.
- Schriever, Otto. (See Schröter, F., and Schriever.)
- Schriever, Otto, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Light amplifier. 2,004,177; June 11.
- Schriever, Otto, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie mit beschränkter Haftung, Berlin, Germany. Electrode arrangement in glow-discharge tubes. 2,020,914; Nov. 12.
- Schrock, Eugene B., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Railway draft device. 2,004,348; June 11.
- Schrödel, Georg, Nuremberg, Germany. Trick device. 1,997,235; Apr. 9.
- Schroder, George T., New York, N. Y. Insect trap. 2,000,193; May 7.
- Schröder, Hermann, Charlottenburg-Westend, and R. Nussbaum, Lankwitz, Germany. Artificial teeth. 1,987,712; Jan. 15.
- Schroeder, Adolph, Jr., Yorktown, Tex. Culvert. 1,997,236; Apr. 9.
- Schroeder, Adolph G. (See Toriello, Frank, A., and Schroeder.)
- Schroeder, Arnold C. (See Johnson, H. S., and Schroeder.)
- Schroeder, Bernard A., Evanston, assignor to Robert Eiding, doing business as Meer-Made Products, Chicago, Ill. Curtain fastening means. 2,008,471; July 16.
- Schroeder, Carl J., assignor to Standard Oil Company, Chicago, Ill. Candle making apparatus. 2,007,773; July 9.
- Schroeder, Charles S., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Truck. 1,999,665; Apr. 30.
- Schroeder, Clarence A., Appleton, Wis. Food cooking device. 2,002,501; May 28.
- Schroeder, Clement J. (See Dumser, L. A., and Schroeder.)
- Schroeder, Emil F., Weyauwega, Wis. Rodent trap. 2,002,129; May 21.
- Schroeder, Frederic W. (See Kraner, H. M., and Schroeder.)
- Schroeder, Frederick A., Rochelle Park, N. J., assignor to Raymond Concrete Pile Company, New York, N. Y. Adjustable earth boring tool. 1,993,948; Mar. 12.
- Schroeder, Henry L. (See Lampman, Herman W., assignor.)
- Schroeder, Herbert, Seattle, Wash. Means to brace case loadings. 2,022,325; Nov. 26.
- Schroeder, Oscar C., and S. Perry, assignors to Automatic Burner Corporation, Chicago, Ill. Oil burner apparatus. 1,997,347; Apr. 9.
- Schroeder, Oscar C., and S. Perry; said Perry assignor to Automatic Burner Corporation, Chicago, Ill. Oil burner apparatus. 1,997,348; Apr. 9.
- Schroeder, Oscar C., and S. Perry; said Perry assignor to Perry Automatic Burner Corporation, Chicago, Ill. Oil combustion apparatus. 2,005,639; June 18.
- Schroeder, William, assignor to Mercury Manufacturing Company, Chicago, Ill. Gasoline tractor. 2,015,911; Oct. 1.
- Schroepfer, George J., St. Paul, Minn. Method and apparatus for excavating tunnels. 2,018,926; Oct. 29.
- Schroeter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Signaling. 2,023,446; Dec. 10.
- Schroeter, John F., Atlanta, and J. A. Hanson, College Park, Ga. Automatic clamp for paper cutting machines. 1,990,392; Feb. 5.
- Schröter, Fritz. (See Karolus, A., Schröter, and Ilberg.)
- Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Photo-electric tube. 1,993,185; Mar. 5.
- Schröter, Fritz, Berlin-Schmargendorf, Germany, assignor to Radio Patents Corporation, New York, N. Y. Lightning arrester. 1,994,231; Mar. 12.
- Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television apparatus. 1,996,492; Apr. 2.

- Schröter, Fritz, Berlin-Schmargendorf, Germany, assignor to Radio Patents Corporation, New York, N. Y. Glow discharge tube circuit. 2,004,587; July 11.
- Schröter, Fritz, and O. Schriever, assignors, to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Photo-electric tube. 2,004,176; June 11.
- Schröter, Fritz, and O. Schriever, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Glow-discharge lamp. 2,015,498; Sept. 24.
- Schröter, Karl, Berlin-Lichtenberg, and H. Wolff, Berlin, assignors to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Sintered hard metallic alloy. 1,991,912; Feb. 19.
- Schröter, Karl, Berlin-Lichtenberg, K. Agte, Berlin-Lichterfelde-Ost, K. Moers, Berlin-Steglitz, and H. Wolff, Berlin, Germany, assignors, by mesne assignments, to General Electric Company, Schenectady, N. Y. Sintered hard metal alloy. 2,015,536; Sept. 24.
- Schröter, Karl, Berlin-Lichtenberg, and H. Wolff, Berlin, assignors to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Tool and making the same. 2,019,934; Nov. 5.
- Schröter, Rudolf. (See Lommel, W., and Schröter.)
- Schrott, John et al. (See Horowitz, Nathan, assignor.)
- Schubb, Norman J., Meadville, Pa. Wrench. 1,990,137; Feb. 5.
- Schubnel, Robert, Pantin, France. Cock guide for metallic casks, etc. 1,998,740; Apr. 23.
- Schubert, Adolf, Milburn, N. J. Tanning skin substances. 1,997,658; Apr. 16.
- Schubert, Adolf, Milburn, assignor to Barrett & Company, Newark, N. J. Ink. 2,013,291; Sept. 3.
- Schubert, Alvin E. (See Wellman, H. C., and Schubert.)
- Schubert, Edward, Chicago, Ill. Flush valve guide. 2,016,840; Oct. 8.
- Schubert, Friedrich. (See Clingenstein, H., and Schubert.)
- Schubert, Georg, Berlin, assignor to the firm Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Discharge tube. 1,993,569; Mar. 5.
- Schubert, Hermann J., Hackensack, N. J. Combination weather-strip and window frame. 2,001,433; May 14.
- Schubert, John, North Arlington, N. J. Snowplow. 2,014,783; Sept. 17.
- Schubert, Max. (See Herz, R., and Schubert.)
- Schubert, Max, Frankfurt-on-the-Main-Fechenheim, and E. Herdieckerhoff, Opladen, near Cologne-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Mu-arylene-thiazole and arylene oxazole sulphonic acid. 2,018,813; Oct. 29.
- Schubert, Philipp, Munich, Germany. Domino. 1,998,526; Apr. 23.
- Schubert & Salzer Maschinenfabrik Aktiengesellschaft. (See Heintz, Woldemar, assignor.)
- Schuchardt, John R., New York, N. Y. Novelty bottle opener. 2,010,326; Aug. 6.
- Schuchat, Jonas, Chicago, Ill. Wrapping. 2,005,208; Jan. 18.
- Schuchmann, Hans. (See Fischer, F., and Schuchmann.)
- Schuck, Oscar H., Jr., Philadelphia, Pa. Wave analyzer. 1,991,232; Mar. 12.
- Schueler, Julian L., Kokomo, Ind. Furnace draft indicator. 1,987,642; Jan. 15.
- Schuette, Hermann. (See Eeller, H., and Schuette.)
- Schuetz, Clyde C., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Diatomaceous product and making the same. 1,992,547; Feb. 26.
- Schuetz, George A., et al. (See Bayard, Armand, assignor.)
- Schuetz, Robert F., Jackson Heights, N. Y., assignor to Radio Corporation of America. Adjustable microphone stand. 2,010,566; Aug. 6.
- Schuftan, Paul. (See Pollitzer, F., and Schuftan.)
- Schub, Charles H., Glendale, Long Island, assignor to Sturmack Company, Inc., Brooklyn, N. Y. Treating seafood and the product resulting therefrom. 1,989,383; Jan. 29.
- Schulling, Martin J., Grand Rapids, Mich. Supporting rack. 2,010,203; Aug. 6.
- Schulemann, Werner, Vohwinkel, near Elberfeld, and F. Mietzsch, Elberfeld, Germany, assignors to Wintrop Chemical Company, Inc., New York, N. Y. N-diethylaminoethyl paraaminophenyl arsonic acid. 1,998,558; Apr. 23.
- Schulenburg, Wilhelm, Frankfurt-on-the-Main, assignor to Deutsche Gold- und Silber-Scheidenstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Manufacture of disinfecting soaps. 1,993,686; Mar. 5.
- Schuler, Charles E., assignor to International-Stacey Corporation, Columbus, Ohio. Antenna. 2,008,931; July 23.
- Schuler, Charles E., assignor to International-Stacey Corporation, Columbus, Ohio. Wave antenna. 2,014,784; Sept. 17.
- Schuler, Charles E., assignor to International-Stacey Corporation, Columbus, Ohio. Wave antenna. 2,014,785; Sept. 17.
- Schüler, Hugo, Chemnitz, assignor to Wanderer-Werke vorm. Winkhofer & Jaenicke Akt.-Ges., Schönaue-Chemnitz, Germany. Noiseless typewriter. 1,999,343; Apr. 30.
- Schuler, Karl. (See Barth, K., Schuler and Wanger.)
- Schuler, Reuben. (See Brooks, B. T., and Schuler.)
- Schuler, Reuben, Elizabeth, N. J., assignor to Stanco, Incorporated. Refining of alkyl phenols. 2,022,256; Nov. 26.
- Schulman, Henry, Pangbourne, England. Aircraft. 2,007,878; July 9.
- Schulman, Joseph, New York, N. Y. Combined fender and spare tire case. 1,996,259; Apr. 2.
- Schulman, Louis, Brooklyn, N. Y. Container cap. 2,010,037; Aug. 6.
- Schulse, Herman E., East Orange, N. J., assignor to Unilox Corporation. Chronological instrument. 2,000,457; May 7.
- Schulte, Albert A., Norwood, Ohio. Closure and hanger. 2,015,291; Sept. 24.
- Schulte, Edmund, Bronxville, assignor of one-fifth to A. H. McLanahan, New York, and one-fifth to G. W. Dusenbury, Bronxville, N. Y. Emergency tire for automotive vehicles. 1,987,494; Jan. 8.
- Schulte, Fritz. (See Steiger, N., and Schulte.)
- Schulte, Fritz, Berlin-Halensee, Germany. Automatic machine. 1,995,229; Mar. 19.
- Schulte Grinding and Polishing Machine Company. (See Schulte, Louis, assignor.)
- Schulte, Louis, assignor to Schulte Grinding and Polishing Machine Company, Incorporated, Cleveland, Ohio. Method of and apparatus for grinding and polishing flexible sheets. 1,998,770; Apr. 23.
- Schulte, Louis, assignor to Schulte Grinding and Polishing Machine Company, Incorporated, Cleveland, Ohio. Finishing metallic sheets. 2,023,904; Dec. 10.
- Schulte, William H., Trenton, N. J. Flush tank supply mechanism. 2,014,748; Sept. 17.
- Schultes, Hermann, Mainz-Mombach, assignor to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Photographic developer. 2,017,295; Oct. 15.
- Schultis, Charles F. (See Herzbrun, I., and Schultis.)
- Schultheis, Werner. (See Kränzlein, G., Greune, and Schultheis.)
- Schultheis, Werner. (See Kränzlein, G., Vollmann, and Schultheis.)
- Schultz, Alfred, New York, J. Freilich, Brooklyn, and C. N. Frey, New York, assignors to Standard Brands Incorporated, New York, N. Y. Chemical leavening agent. 1,988,464; Jan. 22.
- Schultz, Carl A., Joliet, Ill. Collapsible two-room doll house. 2,000,618; May 7.
- Schultz, Carlton, Cleveland Heights, Ohio. Partition wall construction. 1,999,741; Apr. 30.
- Schultz, Fredrich, Pesotum, Ill. Tractor wheel rim. 2,021,265; Nov. 19.
- Schultz, Joseph, Cleveland, Ohio. Dampening device for lithographic offset presses and the like. 1,991,962; Feb. 19.
- Schultz, Joseph, and P. J. Tickey, Bridgeport, Conn., assignor to Jenkins Bros., New York, N. Y. Valve. 1,996,351; Apr. 2.
- Schultz, Karl, assignor, by mesne assignments, to Gibb-Lewis Company, Chicago, Ill. Treatment for building materials. 2,025,424; Dec. 24.
- Schultz, Howard W. (See Cavanagh, G. F., and Schultz.)
- Schultz, Oswald R., New York, N. Y. Printing cylinder. 2,004,136; June 11.
- Schultz, Roy M. (See Baker, J. S., and Schultz.)
- Schultz, Roy M., assignor to Cook Electric Company, Chicago, Ill. Heat motor. 2,012,674; Aug. 27.
- Schultz, William O. (See Steinmayer, A. G., and Schultz.)
- Schultz, William O., South Milwaukee, and A. G. Steinmayer, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Repeating fuse construction. 1,991,064; Feb. 12.
- Schultz, Wilmer A. O., Madawaska, Ontario, Canada. Clothes sprinkler. 1,995,400; Mar. 26.
- Schultze, Paul, assignor, by mesne assignments, to Doran Brothers Incorporated, Danbury, Conn. Hat brim ironing machine. 2,014,209; Sept. 10.
- Schultze, Paul, assignor to Doran Brothers, Incorporated, Danbury, Conn. Hat brim flanging machine. 2,014,210; Sept. 10.
- Schultze, Walter. (See Riess, K., Liebchen, and Schultze.)
- Schulz, Alfred J., assignor to himself and H. H. Schulz, doing business as S-B Manufacturing Company, Milwaukee, Wis. Doorcheck. 1,987,913; Jan. 15.
- Schulz, Alfred J. and H. H., Milwaukee, Wis. Chain type door fastener. 2,003,473; June 4.
- Schulz, Arthur E., Chicago, and D. J. Phelps, Berwyn, assignors to Frank E. Mandel, Chicago, Ill. Compressor. 2,013,862; Sept. 10.
- Schulz, Arthur P. (See Teller, J., and Schulz.)
- Schulz, Bernard, Atlantic Highlands, N. J. Humane police club. 1,986,682; Jan. 1.
- Schulz, Ernst H., Dortmund, assignor to firm Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Production of chromium steel alloys by the basic process. 2,004,836; June 11.
- Schulz, Friedrich. (See Dobler, E., Schulz, and Holm.)
- Schulz, Georg. (See Fuchs, S., and Schulz.)
- Schulz, Henry, Union City, N. J. Folding table. 2,023,553; Dec. 10.
- Schulz, Herbert H., et al. (See Schulz, Alfred J., assignor.)
- Schulz, Herbert H. (See Schulz, Alfred J. and H. H.)
- Schulz, Otto A. H., Gottenborg, Sweden. Groceries cupboard. 1,992,583; Feb. 26.
- Schulz, Rudolf G., Düsseldorf-Holthausen, assignor to firm Henkel & Cie, Gesellschaft mit beschränkter, Haftung, Düsseldorf, Germany. Preparation of jelly-forming organic substances. 2,019,363; Oct. 29.

- Schulz, Walter A., Oaklyn, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Film gate. 1,991,870; Feb. 19.
- Schulz, Walter A., Oaklyn, N. J., assignor to Westinghouse Electric & Manufacturing Company. Motion picture apparatus. 2,023,103; Dec. 3.
- Schulz, Walter F. (See Kahn, J., and Schulz.)
- Schulz, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Reinforcement for tubular and like structures. 2,002,987; May 28.
- Schulz, William H., Minneapolis, assignor to Donaldson Company, Inc., St. Paul, Minn. Air cleaner screen. 2,011,303; Aug. 13.
- Schulze, Albert, Neustadt on the Tafelfichte, Czechoslovakia. Safety closure for letters. 2,001,434; May 14.
- Schulze Baking Company. (See Bear, Velma M., assignor.)
- Schulze, Ferdinand, Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Carbohydrate derivative and making the same. 2,016,299; Oct. 8.
- Schulze, John E., assignor to Red River Refining Company, Inc., Chicago, Ill. Lubricating oil. 1,999,212; Apr. 30.
- Schulze, John E., Hammond, Ind., assignor, by mesne assignments to Red River Refining Company, Chicago, Ill. Mineral oil distillation. 2,017,820; Oct. 15.
- Schulze, John F. W., Shaker Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Apparatus and process for the manufacture of zinc dust. 2,007,027; July 2.
- Schulze, Rudolf, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Treating rare-earth metal compounds. 2,013,767; Sept. 10.
- Schulze, Walter A. (See Beull, A. E., and Schulze.)
- Schulze, Walter A. (See Chaney, L. V., and Schulze.)
- Schulze, Walter A., assignor to Phillips Petroleum Company, Bartlesville, Okla. Desulphurizing mercaptan containing petroleum oil. 1,998,849; Apr. 23.
- Schulze, Walter A., and L. V. Chaney, assignors to Phillips Petroleum Company, Bartlesville, Okla. Treating hydrocarbon oils. 2,020,661; Nov. 12.
- Schulze, Walter A., and L. V. Chaney, Bartlesville, Okla., assignors to Phillips Petroleum Company, Bartlesville, Okla. Sweetening hydrocarbon oils. 2,022,942; Dec. 3.
- Schulze, William H., Chicago, Ill., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Vacuum pump. 2,018,153; Oct. 22.
- Schulze, William H., and L. H. Wheeler, assignors to Stewart-Warner Corporation, Chicago, Ill. Vacuum pressure fuel pump system. 2,016,580; Oct. 8.
- Schumacher, Earle E., Maplewood, N. J., and G. M. Bouton, Lynbrook, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alloy covered cable manufacture. 1,997,200; Apr. 9.
- Schumacher, Elmer L. (See Messner, Arthur J., assignor.)
- Schumacher, Emma, et al. (See Hornback, Arch E., assignor.)
- Schumacher, Erwin A. (See Helse, G. W., and Schumacher.)
- Schumacher, Erwin A., and V. C. Hamister, Lakewood, and G. W. Helse, North Olmsted, Ohio, assignors to National Carbon Company, Inc. Gas electrode. 2,010,608; Aug. 6.
- Schumacher, Frank J., assignor to General Outdoor Advertising Co., Inc., Chicago, Ill. Packaging. 1,988,091; Jan. 15.
- Schumacher, Fritz G., Basel, Switzerland. Device for the wet treatment, removal of moisture from, and drying of balls of thread or the like. 2,004,419; June 11.
- Schumacher, Hans, Berlin-Lichterfelde-West, and H. Zodtner, Birkenwerder, near Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electric discharge device. 2,021,750; Nov. 19.
- Schumacher, Joseph, Peru, Ill., assignor to Carus Chemical Company. Hydroquinone manufacture. 2,006,324; June 25.
- Schumacher, Lloyd E., Dayton, Ohio. Furnace heat distributing device. 1,998,390; Apr. 16.
- Schumacher, Louis, Brooklyn, N. Y. Closure. 1,996,493; Apr. 2.
- Schumacher, Louis, Brooklyn, N. Y. Nonclogging dispenser. 2,008,564; July 16.
- Schumacher Wall Board Corporation. (See Brunner, Albert H., assignor.)
- Schumacker, Leo J., and E. A. Reussenzehn, Dayton, assignors, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Scale head. 2,006,370; July 2.
- Schuman & Co. (See Edler, Eduard, assignor.)
- Schumann, Curt, E. Muench, and H. Ufer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Hydrocarbon products, especially lubricating oils. 2,020,703; Nov. 12.
- Schürmann, Friedrich, Dortmund, Germany, assignor to The Stacey Bros. Gas Construction Company, Cincinnati, Ohio. Sealing strip for waterless gas holders. 2,019,273; Oct. 29.
- Schumann, Lawrence R., Brooklyn, assignor to Star Brush Manufacturing Co. Inc., Long Island City, N. Y. Brush. 1,990,619; Feb. 12.
- Schump, Paul H., assignor to Mauser-Werke A. G., Oberndorf-on-the-Neckar, Germany. Calculating machine. 1,990,350; Feb. 5.
- Schundler, Frederic E. (See Denning, Paul S., assignor.)
- Schune, Lucien M., St. Maur des Fosses, France. Machine for manufacturing zip fasteners. 2,023,648; Dec. 10.
- Schunk, Joseph, assignor to National Lock Washer Company, Newark, N. J. Bur or car window construction. 2,001,435; May 14.
- Schunk, Joseph, assignor to The National Lock Washer Company, Newark, N. J. Window construction for air-conditioned cars. 2,012,141; Aug. 20.
- Schupp, Alfred B., Richmond Hill, N. Y. Combined case and stand for thermometers. 2,005,909; June 25.
- Schur, Milton O. (See Richter, G. A., and Schur.)
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Manufacture of absorbent waterlaid webs of felted fiber. 1,986,291; Jan. 1.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Manufacture of viscose products. 1,986,366; Jan. 1.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Manufacture of artificial leather. 1,986,367; Jan. 1.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Manufacture of strengthened absorptive paper. 2,005,397; June 18.
- Schur, Milton O., and B. G. Hoos, assignors to Brown Company, Berlin, N. H. Finishing of artificial leather. 2,015,440; Sept. 24.
- Schur, Milton O., and B. G. Hoos, assignors to Brown Company, Berlin, N. H. Finishing of artificial leather. 2,015,441; Sept. 24.
- Schuricht, Alfons G. (See Olin, J. M., and Schuricht.)
- Schuricht, Alfons G., Alton, assignor to Western Cartridge Company, East Alton, Ill. Making bullets. 1,992,244; Feb. 26.
- Schurig, Otto R., Schenectady, N. Y., assignor to General Electric Company. Electric drier. 2,041,211; Sept. 10.
- Schurr, Charles H., and H. C. Warner, assignors to The Lees-Bradner Company, Cleveland, Ohio. Machine tool. 1,988,424; Jan. 15.
- Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Cutting machine. 2,024,810; Dec. 17.
- Schüssler, Heribert. (See Ott, K., Gensel, and Schüssler.)
- Schuster, George F., Waterbury, assignor to The Stanley Works, New Britain, Conn. Storm sash fastener. 1,987,565; Jan. 8.
- Schuster, Hans, Immigrath (Ndrh.), Germany. Measuring device for tube walls. 1,990,138; Feb. 5.
- Schuster, Michael J. (See Hileman, E. J., and Schuster.)
- Schutt, Hermann C. (See Chave, C. T., and Schutt.)
- Schutte, Charles E., Detroit, Mich. Vehicle body construction. 2,009,637; July 30.
- Schutte, Harry S., Gary, Ind., assignor to American Sheet and Tin Plate Company. Package. 2,024,951; Dec. 17.
- Schütte, Hermann, Swissvale, Pa. Vehicle body support. 2,013,994; Sept. 10.
- Schutte & Koerting Company. (See Sumerfield, Thomas G., assignor.)
- Schüttler, Paul, Berlin-Halensee, assignor to Pallas Apparate-Gesellschaft, m. b. H., Berlin, Germany. Carburetor. 1,995,587; Mar. 26.
- Schutz, Harold R., Ottawa Hills, assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Method and apparatus for feeding glass blanks to pressing machines. 1,986,449; Jan. 1.
- Schutz, Harold R., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Method of and apparatus for gathering glass. 1,987,129; Jan. 8.
- Schutz, Harold R., Ottawa Hills, assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Machine for faring glass articles. 2,001,436; May 14.
- Schütz, Karl. (See Zerweck, W., and Schütz.)
- Schutzniedrig, Ewald, assignor to V. A. Koch, Detroit, Mich. Fuel pump for Diesel engines. 2,018,975; Oct. 29.
- Schwab, Albert W., and W. J. Norris, Cape Girardeau, Mo. Vending machine. 2,017,078; Oct. 15.
- Schwab, Gustav Townley, Elizabeth, N. J., assignor of one-third to Albert C. Nolte, New York, N. Y. Melting furnace. 1,996,012; Mar. 26.
- Schwab, John C. E., Clarksburg, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Glass transfer apparatus. 2,004,349; June 11.
- Schwab, John C. E., Clarksburg, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Fitter or shaper for glass articles. 2,019,736; Nov. 5.
- Schwab, John C. E., Clarksburg, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Apparatus for handling glassware. 2,022,786; Dec. 3.
- Schwab, John H. (See Mitchell, William M., assignor.)
- Schwab, Martin C., Chicago, Ill. Sterilizer apparatus. 2,004,351; June 11.
- Schwab, Martin C., Chicago, Ill. Liquid flow apparatus. 2,010,417; Aug. 6.
- Schwab, Martin C., Chicago, Ill. Incinerating means. 2,014,455; Sept. 17.
- Schwab, Martin C., Chicago, Ill. Hygienic container. 2,023,905; Dec. 10.
- Schwab, Robert W. (See Kahn, L. J., and Schwab.)
- Schwabe, Edwin J., New York, N. Y. Folding caddy wagon. 2,005,566; June 18.

- Schwalbe, Franz G., Toledo, Ohio. Direct heating of materials in furnaces. 2,016,458; Oct. 8.
- Schwalbe, Lester E., Wauwatosa, Wis. Tile. 2,008,370; July 16.
- Schwalbe, Waldemar, and O. Schnecko, Wiesbaden-Biebrich, Germany, assignors to The Visking Corporation, Chicago, Ill. Process and apparatus for producing seamless cellulose tubes. 1,997,949; Apr. 9.
- Schwamb, Theodore A., Boston, Mass., and S. P. Smith, Norwichtown, Conn., assignors to John T. Robinson Company, Boston, Mass. Card cutting machine. 2,010,567; Aug. 6.
- Schwan, John G., Milwaukee, Wis. Lighter for gas burners. 1,995,867; Mar. 26.
- Schwanhauser, Erich, Nuremberg, Germany. Making writing pencil leads. 2,013,584; Sept. 3.
- Schwantes, Edwin C. (See Hoberg, A. S., Schabel, and Schwantes.)
- Schwartz, Carl K., Elkhart Lake, Wis., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Variable gearing. 2,024,115; Dec. 10.
- Schwartz, Carroll. (See Petermann, J. H., Sr., Schwartz and Atkinson.)
- Schwartz, Eugene, assignor to Ketterlinus Lithographic Manufacturing Co., Philadelphia, Pa. Display device. 2,023,104; Dec. 3.
- Schwartz, Francis H., Linden, N. J., assignor to Soss Manufacturing Company, Roselle, N. J. Can opener. 2,019,099; Oct. 29.
- Schwartz, Fred, assignor to Fort Howard Paper Company, Green Bay, Wis. Doctor blade structure. 1,993,352; Mar. 5.
- Schwartz, George L. (See Holt, H. S., and Schwartz.)
- Schwartz, George L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fibrous material and producing it. 2,011,914; Aug. 20.
- Schwartz, George L., and J. H. Young, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Wool substitutes and spinning short filaments of cellulose derivatives. 1,986,945; Jan. 8.
- Schwartz, Harry I., and J. H. Rothstein, New York, N. Y. Fountain pen. 2,010,114; Aug. 6.
- Schwartz, Henry, assignor to Barrell Fitting and Seal Corporation of America, Chicago, Ill. Bushing structure. 2,023,977; Dec. 10.
- Schwartz, Howard W., New York, N. Y. Elevator door. 2,020,336; Nov. 12.
- Schwartz, Howard W., New York, N. Y. Hollow metal door. 2,020,337; Nov. 12.
- Schwartz, Meyer D., and B. Kaplan, West Haven, Conn. Clasp. 1,988,920; Jan. 22.
- Schwartz, Morris, Brooklyn, N. Y. Flash light and shutter operating device for cameras. 1,996,592; Apr. 2.
- Schwartz, Morris, Brooklyn, N. Y. Apparatus for taking flash light pictures. 1,997,315; Apr. 9.
- Schwartz, Morris A., assignor of one-half to G. Cheroff, Los Angeles, Calif. Hydraulic hat press. 2,006,371; July 2.
- Schwartz, Nathan, Upper Darby, Pa. Hoselery and making the same. 2,025,358; Dec. 24.
- Schwartz, Samuel, Albany, N. Y. Shirt and collar. 1,996,932; Apr. 9.
- Schwartz, Walter M., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Flatiron. 2,016,300; Oct. 8.
- Schwarz, Alfred, Upper Montclair, N. J., assignor to Fuel Oil Motors Corporation, New York, N. Y. Internal combustion engine and operation. 2,011,986; Aug. 20.
- Schwarz, August, Chicago, Ill. Apparatus for heating, power, and refrigeration purposes. 2,003,122; May 28.
- Schwarz, August, and K. Kreutzer, assignors to J. S. Staedtler, Nuremberg, Germany. Improved black writing pencil leads. 2,016,507; Oct. 8.
- Schwarz, Benno, Rheyd, Germany. Induction motor winding. 1,986,368; Jan. 1.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Light-transmitting body. 1,992,676; Feb. 26.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. 1,992,777; Feb. 26.
- Schwarz, Gustav, G. m. b. H. (See Hoffman, L., and Grabarse, assignors.)
- Schwarz, Harvey F. (See Carter, E. F., and Schwarz.)
- Schwarz, Joseph A., assignor to Birtman Electric Company, Chicago, Ill. Suction cleaner. 2,022,438; Nov. 26.
- Schwarz, Philipp, Wuppertal-Barmen, Germany. Manufacturing bobbins, particularly film bobbins. 2,006,231; June 25.
- Schwarz, Richard. (See Laufenberg, W., and Schwarz.)
- Schwarz, Richard E., Royal Oak, Mich. Electrical disconnecting device. 2,013,507; Sept. 3.
- Schwarze, Bruce H., Administrator. (See Schwarze, Herman.)
- Schwarze Electric Company. (See Middleton, Leslie H., assignor.)
- Schwarze Electric Company. (See Vasold, Leo L., assignor.)
- Schwarze, Herman, Birmingham, assignor to General Motors Corporation, Detroit, Mich. Lighting circuit indicator. 1,997,471; Apr. 9.
- Schwarze, Herman, deceased, late of Pontiac, Mich., by B. H. Schwarze, administrator, Birmingham, assignor to General Motors Corporation, Detroit, Mich. Lighting system for motor vehicles. 2,014,592; Sept. 17.
- Schwarzkopf, Adolf, Miami, Beach, Fla. Egg inspection device. 2,008,629; July 16.
- Schwarzkopf, Erich, Jackson Heights, N. Y. Thermo-magnetically actuated source of power. 2,016,100; Oct. 1.
- Schwarzmann, Wolfgang E. (See Wild, J. E., Hageman, and Schwarzmann.)
- Schwarzmann, Wolfgang E., Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Circuit breaker. 2,005,806; June 25.
- Schwarzmayr, Ludwig, San Francisco, Calif. Water motor. 1,996,886; Apr. 9.
- Schwayder Bros., Inc. (See Schwayder, M. B., and Elzi, assignors.)
- Schwayder, Maurice B., and P. F. Elzi, Denver, Colo., assignors to Schwayder Brothers, Inc. Traveling bag catch and lock. 2,019,276; Oct. 29.
- Schwed, Hattie H. (See Mayer, M., and Schwed.)
- Schwedhelm, Carl, Detroit, Mich. Toy. 2,013,843; Sept. 10.
- Schwedland, Alfred, Des Moines, Iowa. Automobile tool. 2,018,902; Oct. 29.
- Schwehm, Ernest, Jenkintown, and N. Redman, assignors to J. M. Schwehm Sons, Inc., Philadelphia, Pa. Bobbin. 1,996,979; Apr. 9.
- Schwehm, John M., Sons, Inc. (See Schwehm, E., and Redman, assignors.)
- Schweich, Roger, Paris, France, assignor to Pulvis Aktiengesellschaft, Glarus, Switzerland. Packing. 2,020,002; Nov. 5.
- Schweig, Julius A., St. Louis, Mo. Lock and switch mechanism for elevator shaft doors. 1,995,903; Mar. 26.
- Schweig, Julius A., St. Louis, Mo. Door operating mechanism. 2,017,735; Oct. 15.
- Schweig, Julius A., St. Louis, Mo. Door operating mechanism. 2,017,736; Oct. 15.
- Schweikert, Gustav, Berlin, Germany. Wave-band filter. 2,023,057; Dec. 3.
- Schweiso, Clifford C., assignor to O. B. McClintock Company, Minneapolis, Minn. Antikidnapping vault entrance control. 2,021,925; Nov. 26.
- Schweitzer, Hans, Horgen, near Zurich, Switzerland. Traverse thread winder. 1,990,620; Feb. 12.
- Schweitzer & Conrad, Inc. (See Montague, Edward, assignor.)
- Schweitzer & Conrad, Inc. (See Ramsey, Allan, assignor.)
- Schweitzer & Conrad, Inc. (See Triplett, Hugh A., assignor.)
- Schweitzer, Eugen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Fluid flow meter. 2,003,474; June 4.
- Schweitzer, Hugo, Leverkusen-Wiesdorf, and G. Schrader, Opladen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuff. 2,015,161; Sept. 24.
- Schweitzer, John J., Sandusky, Ohio. Defrosting indicator for mechanical refrigerators. 2,007,409; July 9.
- Schweitzer, Reuben R., and C. R. Sundquist, Norfolk, Va.; said Sundquist assignor to said Schweitzer. Well development. 2,018,283; Oct. 22.
- Schweitzer, Reuben R., and C. R. Sundquist, Norfolk, Va.; said Sundquist assignor to said Schweitzer. Well development. 2,018,284; Oct. 22.
- Schweitzer, Reuben R., and C. R. Sundquist, Norfolk, Va. Well development. 2,018,285; Oct. 22.
- Schweitzer, William J., Detroit, Mich. Apparatus for making alcoholic beverages. 2,025,674; Dec. 24.
- Schweitzer, William K., East Cleveland, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Phosphoric acid metal cleaning and rust preventing solution. 1,992,045; Feb. 19.
- Schweiz, Lokomotiv- und Maschinenfabrik. (See Marti, Paul, assignor.)
- Schweizer, Ernst, Zurich, Switzerland. Driving device for twisting machines. 2,019,364; Oct. 29.
- Schweizer, Ernst, and C. Landolt, Zurich, Switzerland. Manufacture of crepe yarn. 1,987,449; Jan. 8.
- Schweizerische Unfallversicherungsanstalt. (See Helfenstein, Max, assignor.)
- Schweler, Sylvester M., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,000,619; May 7.
- Schweller, Sylvester M., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerator cabinet support. 2,015,292; Sept. 24.
- Schwelmer Eisenwerk Muller & Co. Aktiengesellschaft. (See Bräuer, Anton, assignor.)
- Schwemer, Frank L., Glendale, Calif. Stock display means. 2,008,969; July 23.
- Schwemlein, William. (See De La Mater, R. G., and Schwemlein.)
- Schwemler, Frank J., Shaker Heights, Ohio. Drainage structure. 1,997,201; Apr. 9.
- Schwemmer, Veit. (See Hilscher, F. W., and Schwemmer.)
- Schwendner, Anthony F., Essington, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Governor mechanism. 2,009,417; July 30.
- Schwendner, Anthony F., Essington, assignor to The Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Back pressure control mechanism. 2,009,418; July 30.
- Schwendner, Anthony F., Essington, assignor to Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa. Dual fluid governing system. 2,009,419; July 30.
- Schwender, Edward W., assignor to The Mengel Company, Louisville, Ky. Article suspending rack. 1,996,552; Apr. 2.

- Schwenk, Cyrus, McKeanburg, Pa. Animal trap. 1,989,174; Jan. 29.
- Schwenk, Erwin, Berlin-Westend, and H. Jordan, Glienicke, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Vulcanization of caoutchouc. 1,996,593; Apr. 2.
- Schwerdtel, Fritz. (See Konrad, E., and Schwerdtel.)
- Schwerin, Albert A., Kingman, Ariz., and S. J. Bentley, Kittanning, Pa. Cargo releasing device for aircraft. 2,011,950; Aug. 20.
- Schwerin, Frank H., Bellevue, assignor to The Duff-Norton Manufacturing Company, Pittsburgh, Pa. Shipping container with mechanical jack. 2,002,455; May 21.
- Schwieger, Albert, Hamburg, Germany, assignor, by mesne assignments, to American Lecithin Company, Cleveland, Ohio. Production of phosphatide preparation. 2,020,662; Nov. 12.
- Schwieger, Alfred, administrator. (See Schwieger, Charles.)
- Schwieger, Charles, deceased, Lage, Germany, by A. Schwieger, administrator, by decree of court and mesne assignments, to Schwieger Chemical Co., Inc., San Francisco, Calif. Manufacture of sugar. 1,986,858; Jan. 8.
- Schwinn, Frank W., Chicago, Ill. Receptacle for bicycles. 2,011,016; Aug. 13.
- Schwinn, Frank W., Chicago, Ill. Tube joint and manufacturing same. 2,024,782; Dec. 17.
- Schwitzer-Cummins Company. (See Roland, John, assignor.)
- Schwitzer-Cummins Company. (See Winkler, C. J., and Roland, assignors.)
- Schwitzer-Cummins Company. (See Winkler, Herman E., assignor.)
- Sciaky, David, Paris, France. Electric welding apparatus. 2,013,585; Sept. 3.
- Sciaky, David, Paris, France. Method and apparatus for electric resistance welding of metals. 2,016,728; Oct. 8.
- Sciarini, Edmund M., Modesto, Calif. Bean cutter. 2,005,440; June 18.
- Sciarini, Edmund M., Modesto, Calif. Power driven control for bean cutters. 2,013,191; Sept. 3.
- Scientific Combustion Laboratories, Inc. (See Hoffman, Fred D., assignor.)
- Scientific Engineering Company. (See Erwin, Shannon A., assignor.)
- Scintilla Aktiengesellschaft. (See Steiner, Gottlieb, assignor.)
- Scintilla Societe Anonyme. (See Bohli, Jakob, assignor.)
- Scism, John N., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Vacuum tube. 1,991,065; Feb. 12.
- Scotfield, Edgar, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Hermetically sealed package. 1,989,428; Jan. 29.
- Scotfield, Edgar, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Cap and package. 2,007,257; July 9.
- Scotfield, Edgar, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Metal container. 2,020,383; Nov. 12.
- Scotfield, Philip F., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Thermionic tube. 1,986,450; Jan. 1.
- Scotfield, Philip F., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Thermionic tube. 1,991,632; Feb. 19.
- Scotfield, Philip F., Palo Alto, Calif., assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Mechanical vibrator system. 1,994,793; Mar. 19.
- Scotfield, Philip F., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Electrically driven vibrator. 2,011,951; Aug. 20.
- Scotfield, Philip F., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Inductance connector. 2,014,638; Sept. 17.
- Scotfield, Theodore J., Jackson, Mich., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Compensating for temperature changes in piezo-electric crystal devices. 2,001,217; May 14.
- Scolding Locks Corporation. (See Weissenborn, Albert B., assignor.)
- Seonce, James S., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Pulp treating process. 2,021,612; Nov. 19.
- Scotland Williams, Incorporated. (See Williams, Louis N. D., assignor.)
- Scotney, Ronald, Sherwood, Nottingham, England. Wiring or connection of radio or other electrical circuits. 2,025,619; Dec. 24.
- Scott, Albert B., assignor of one-third to J. Rex Cole and one-third to Henry King, Los Angeles, Calif. Projection machine. 2,008,878; July 23.
- Scott, Albert B., assignor of one-third to J. R. Cole and one-third to H. King, Los Angeles, Calif. Projecting apparatus. 2,020,521; Nov. 12.
- Scott, Allison F. H. (See Zinser, P. R., and Scott.)
- Scott, Archie J., International Falls, Minn. Wrench. 2,018,154; Oct. 22.
- Scott, Arthur, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Tool attachment. 2,004,083; June 4.
- Scott, Arthur B. (See Lemoine, Bruce O., assignor.)
- Scott, Ashton T., Radnor, assignor to The Sharples Specialty Company, Philadelphia, Pa. Refining pineapple juice. 1,994,670; Mar. 19.
- Scott, Clarence N., Houston, Tex. Plunger lift apparatus. 2,001,551; May 14.
- Scott, Clarence N., Houston, Tex. Plunger lift control device. 2,001,552; May 14.
- Scott, Clarence N., Houston, Tex. Period control valve for plunger lift devices. 2,013,111; Sept. 3.
- Scott, Clarence N., Houston, Tex. Producing fluid from wells. 2,013,112; Sept. 3.
- Scott, D. W., Jr., et al. (See Hall, Cecil E., assignor.)
- Scott, David C., Providence, R. I., assignor to Henry L. Scott Company. Moisture compensating weighing device. 1,995,550; Mar. 26.
- Scott, David C., Providence, R. I., assignor to Henry L. Scott Company. Specimen supporting device. 2,002,552; May 28.
- Scott, David C., assignor to Henry L. Scott Company, Providence, R. I. Tensile strength testing machine. 2,018,385; Oct. 22.
- Scott, David J., Plainfield, N. J. Printing cylinder appliance. 1,989,889; Feb. 5.
- Scott, David J., Plainfield, N. J. Web supply means. 2,009,707; July 30.
- Scott, E. H. (See Pfaff, E. R., Coon, and Roethel, Jr., assignors.)
- Scott, E. H. (See Roethel, George, Jr., assignor.)
- Scott, Eric A., Indianapolis, Ind. Ash hopper for fireplaces. 2,003,559; June 4.
- Scott, Estel, et al. (See Smith, Robert N., assignor.)
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Drill cutter. 1,993,286; Mar. 5.
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Texas. Mounting for drill cutters. 2,011,084; Aug. 13.
- Scott, Garnett L., Wilmington, Del., assignor to General Chemical Company, New York, N. Y. Apparatus for the manufacture of aluminum sulphate. 1,995,401; Mar. 26.
- Scott, George S., Fresno, Calif. Reel. 1,987,713; Jan. 15.
- Scott, Harriet E., executrix. (See Scott, W. W., Bissiri, and Gregory.)
- Scott, Harry C., Waynesburg, Pa. Surgical instrument. 2,024,982; Dec. 17.
- Scott, Henry L., Company. (See Scott, David C., assignor.)
- Scott, Henry T., assignor to The American Paper Bottle Company, Toledo, Ohio. Container and making the same. 2,006,689; July 2.
- Scott, Henry T., Toledo, assignor to The American Paper Bottle Company, Toledo, Ohio. Tight container. 2,025,477; Dec. 24.
- Scott, Herbert V. W., Glen Ridge, N. J., assignor to Van Raalte Company, New York, N. Y. Nonrun full-fashioned hosiery and making same. 2,009,565; July 30.
- Scott, Herbert V. W., Glen Ridge, N. J., assignor to Van Raalte Company, New York, N. Y. Nonrun knitted fabric and making the same. 2,026,192; Dec. 31.
- Scott, Howard, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. High temperature thermostatic metal. 1,987,714; Jan. 15.
- Scott, Howard, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bimetal thermostat. 1,993,020; Mar. 5.
- Scott, Jens T., Brooklyn, N. Y. Apparatus for making electric fish wire. 2,022,257; Nov. 26.
- Scott, John, St. George, Staten Island, N. Y. Display sign. 2,005,757; June 25.
- Scott, John A., St. Louis, Mo. Machine for applying canvas to inner soles. 1,996,352; Apr. 2.
- Scott, John R. (See Porritt, B. D., Dawson, and Scott.)
- Scott, John W., assignor to Eastman Kodak Company, Rochester, N. Y. Focusing objective. 2,019,785; Nov. 5.
- Scott, Joseph A., Jr. (See Kirby, W. W., Scott, and Wagner.)
- Scott, Kenneth L., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for measuring electrical quantities. 2,002,680; May 28.
- Scott, Lloyd E. (See Scott, Roy J., and L. E.)
- Scott, Madge K. (See Kueffer, Frederick W.)
- Scott, Martin E., and J. Bradley, Kansas City, Mo. Combination step-ladder and ironing board. 2,010,327; Aug. 6.
- Scott, Murray R., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical glass composition. 2,021,244; Nov. 19.
- Scott, Norman D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Condensation of alcohols. 2,004,350; June 11.
- Scott, Norman D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Reactions of sodium with hydrocarbons. 2,019,832; Nov. 5.
- Scott, Norman D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction of sodium with hydrocarbons. 2,023,793; Dec. 10.
- Scott, Norman D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Preparation of halogenated ethers. 2,024,749; Dec. 17.
- Scott, Norman D., and V. L. Hansley, Niagara Falls, N. Y., assignors to The E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del. Preparation of high molecular weight alcohols. 2,019,022; Oct. 29.

- Scott Paper Company. (See Howell, C. M., and Clark, assignors.)
- Scott Paper Company. (See Parsons, Philip D., assignor.)
- Scott, Philip L., San Mateo, Calif., assignor to Super Diesel Tractor Corporation, La Porte, Ind. Pump. 1,990,139; Feb. 5.
- Scott, Ronald S., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic film loop filing card. 1,987,081; Jan. 8.
- Scott, Roy J., and L. E. Scott, Canton, Ohio. Heat transfer apparatus. 2,007,838; July 9.
- Scott-Snell, Edward, and W. R. Gibson, Limited, assignors to International Oil Lamp and Stove, Limited, London, England. Thermally actuated pump. 2,015,240; Sept. 24.
- Scott, Thomas P., Montclair, N. J. Building construction. 2,022,255; Nov. 26.
- Scott, Thornton, Oakleigh, Chelford, assignor to Refiners Limited, Manchester, England. Refining or purification of benzol, petrol, and like light spirits. 1,999,112; Apr. 23.
- Scott, Victor R., Frankton Junction, New Zealand. Collapsible container. 2,010,441; Aug. 6.
- Scott-Viner Company. (See Nicholoy, Winford E., assignor.)
- Scott, Walter A., Detroit, Mich. Grinding apparatus for pulverizing materials. 1,999,666; Apr. 30.
- Scott, Walter B., Holsington, Kans. Safety automobile doorlock. 2,010,736; Aug. 6.
- Scott, Walter J., Woonsocket, R. I. Stop motion for a gill box. 1,989,947; Feb. 5.
- Scott, Walter J., Brookfield, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Ceramic article. 2,020,476; Nov. 12.
- Scott, Walter J., Brookfield, and S. R. Mason, Wilmette, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Ceramic article. 2,020,477; Nov. 12.
- Scott, Walton B., L. S. Bovier, and E. D. Matthews, assignors to Hooker Electrochemical Company, Niagara Falls, N. Y. Making olefine derivatives. 2,004,084; June 4.
- Scott, Wilfred W., A. A. Bissiri, and W. C. Gregory, Los Angeles, Calif.; H. E. Scott executrix of said W. W. Scott, deceased. Electrolytic deposition of chromium, and the preparation of solutions therefor. 1,993,186; Mar. 5.
- Scott, William, Medford, Mass. Shower fixture. 1,989,248; Jan. 29.
- Scott, William D. (See Thole, F. B., Birch, and Scott.)
- Scott, William H., Rochester, N. Y. Dispensing device. 2,004,015; June 4.
- Scott, William M., Tredyffrin Township, Chester County, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Electric circuit controller. 1,998,254; Apr. 16.
- Scott, William M., Jr., assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Circuit controlling device. 2,025,781; Dec. 31.
- Scott & Williams, Incorporated. (See Getaz, James L., assignor.)
- Scott & Williams, Incorporated. (See Grothey, Ivan W., assignor.)
- Scott & Williams, Incorporated. (See Page, Albert E., assignor.)
- Scott & Williams, Incorporated. (See Page, Frank R., assignor.)
- Scott & Williams, Incorporated. (See Sheppard, Harry N., assignor.)
- Scott & Williams, Incorporated. (See Swinglehurst, Harry, assignor.)
- Scott, Winfield, Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Vulcanization of rubber and products obtained thereby. 2,024,477; Dec. 17.
- Scottish Dyes Limited. (See Fairweather, D. A. W., and Thomas, assignors.)
- Scovill, D. & H., Incorporated. (See Porter, Joseph S., assignor.)
- Scoville, David B. (See Carpenter, C. E., and Scoville.)
- Scovill Manufacturing Company. (See Beardsley, Charles E., assignor.)
- Scovill Manufacturing Company. (See Bennett, Morris H., assignor.)
- Scovill Manufacturing Company, The. (See Bertschinger, Charles F., assignor.)
- Scovill Manufacturing Company. (See Boden, George, assignor.)
- Scovill Manufacturing Company. (See Fenton, Paul E., assignor.)
- Scovill Manufacturing Company. (See German, Abraham J., assignor.)
- Scovill Manufacturing Company. (See Hickox, Sherman G., assignor.)
- Scovill Manufacturing Company. (See Moran, Joseph F., assignor.)
- Scovill Manufacturing Company. (See Price, William B., assignor.)
- Scovill Manufacturing Company. (See Reutter, Frederick R., assignor.)
- Scovill Manufacturing Company. (See Reutter, F., and Goss, assignors.)
- Scovill Manufacturing Company. (See Summey, David L., assignor.)
- Scovill Manufacturing Company. (See Tompkins, Emerson H., assignor.)
- Scoville, David B., Crystal Lake, Ill. Automatic control plug for electrical appliances. 1,994,537; Mar. 19.
- Scoville, Ray R., Los Angeles, Calif., assignor to Electrical Research Products, Inc., New York, N. Y. Sound recording system. 1,991,178; Feb. 12.
- Scrantom, De Hart G., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Collapsible container. 2,019,636; Nov. 5.
- Screen Advertising, Incorporated. (See Wyatt, J. W., and Pollard, assignors.)
- Scribner, Romeyn B., Rye, and A. E. Ekstrand, Tottenville, Staten Island, N. Y., assignors to Thomaston Laboratories, Inc., New York, N. Y. Light valve. 2,016,025; Oct. 1.
- Scribner, William L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing cage. 2,010,113; Aug. 6.
- Scrimgeour, William, Washington, D. C. Abrading machine. 1,988,577; Jan. 22.
- Scrimgeour, William, Washington, D. C. Abrading machine. 1,988,578; Jan. 22.
- Scrimgeour, William, Washington, D. C. Forming hollow forged valves. 1,992,245; Feb. 26.
- Scripture, Edward W., Jr., Cleveland Heights, assignor to The Master Builders Company, Cleveland, Ohio. Waterproofing concrete. 2,003,613; June 4.
- Scrivener, Arthur, Birmingham, England. Precision grinding machine. 2,010,965; Aug. 13.
- Scrubby, Horace F., Beverly Hills, Calif. Tire grooving machine. 2,000,300; May 7.
- Scudder, Asher L., Fort Worth, Tex. Building block. 2,025,529; Dec. 24.
- Scudder, Frederick J. (See Clark, E. H., and Scudder.)
- Scul, Raymond T., et al. (See Berstler, Carl E., assignor.)
- Scully, Mary M., Cambridge, Mass. Baby history indicator and recorder. 1,996,553; Apr. 2.
- Scully, Rees T. (See Grabb, George W., assignor.)
- Scul-Pho, Incorporated. (See Zeve, Ernest L., assignor.)
- Seabert, John D. (See Gaubert, J. C., and Seabert.)
- Seabury, Ralph L., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Plastic molding apparatus. 1,991,706; Feb. 19.
- Seaholm, Ernest W., Birmingham, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorber. 2,023,034; Dec. 3.
- Seailles, Jean C., Paris, France. Obtaining alumina. 2,008,112; July 16.
- Seailles, Jean C., Paris, France. Protecting concrete structures. 2,008,472; July 16.
- Seabrick, Inc. (See Kent, H. W., Gerry, and Currier, assignors.)
- Sealed Joint Products Co. (See Duffy, Charles G., assignor.)
- Sealed Joint Products Company, Inc. (See Keuls, Henry P. C., assignor.)
- Sealed Power Corporation. (See Anderson, Carl E., assignor.)
- Sealed Power Corporation. (See Johnson, Charles E., assignor.)
- Sealed Power Corporation. (See Olson, Holly M., assignor.)
- Seal-O-Sac (Canada) Limited. (See Yeates, Percy M., assignor.)
- Sealtest System Laboratories, Inc. (See Hammer, B. W., Horneman, and Parker, assignors.)
- Sealth Corporation. (See Andrews, P. R., and Finlayson, assignors.)
- Seaman, Charles, Hollis, N. Y. Sewing machine attachment. 1,994,965; Mar. 19.
- Seaman, Charles, Jamaica Estates, N. Y. Tailored French seam and forming the same. 1,994,966; Mar. 19.
- Seaman, Charles, Jamaica Estates, N. Y. Piping and making and applying same. 2,020,478; Nov. 12.
- Seaman, Charles, Jamaica Estates, N. Y. Shirring device. 2,025,530; Dec. 24.
- Seaman, Charles, Jamaica Estates, N. Y. Method and apparatus for making blind stitched facing. 2,025,531; Dec. 24.
- Seaman, Stewart E., White Plains, N. Y. Decreasing inflammability of cigarettes. 1,996,002; Mar. 26.
- Seaman, Stewart E., White Plains, N. Y. Difficultly flammable cigarette wrapper. 2,013,508; Sept. 3.
- Seaman, William, Glens Falls, N. Y., assignor to Standard Oil Development Company. Production of thioethers from mercaptans. 1,993,287; Mar. 5.
- Seaman, William, Brooklyn, N. Y., and G. L. Matheson, Elizabeth, N. J., assignors to Standard Oil Development Company. Rubber solvent. 1,996,001; Mar. 26.
- Seaman, William, Brooklyn, N. Y., assignor to Standard Oil Development Company. Pproxylin solution. 2,018,767; Oct. 29.
- Seamless Rubber Company, The. (See Crowley, Corleuis J., assignor.)
- Seamless Rubber Company, The. (See DeLaney, W. W., and Weeks, assignors.)
- Seamon, Joseph H., et al. (See Friis, Björn S. T., assignor.)
- Searby, Norman H. (See Cramp, W., and Searby.)
- Searcy, Samuel H. (See McDonald, General G., assignor.)
- Searing, Eugene P., Hawthorne, N. J. Constant speed winder. 2,015,196; Sept. 24.
- Searle, George, Shelby, Ind. Protective device for automobiles. 2,009,026; July 23.

- Searle, George, Lowell, Ind. Bank and automobile protector. 2,011,120; Aug. 13.
- Searles, Alvah L., Grand Rapids, Mich. Booster fan. 2,011,421; Aug. 13.
- Searles, Raymond R., assignor to The Fafnir Bearing Company, New Britain, Conn. Bearing and forming same. 2,003,906; June 4.
- Searles, Wayne S., assignor to Universal Optical Corporation, Providence, R. I. Ophthalmic mounting. 2,009,006; July 23.
- Seards, Melvin W., assignor to The Patent and Licensing Corporation, Boston, Mass. Shingle strip. 2,013,391; Sept. 3.
- Searls, Wayne S., Providence, R. I., assignor to Universal Optical Corporation. Oxford eyeglasses. 2,016,685; Oct. 8.
- Sears, Richard E. (See Rose, C. C., and Sears.)
- Sears, Richard W., 2d, and J. F. Koca, Woodstock, Ill.; said Koca assignor to said Sears. Flying machine. 2,001,158; May 14.
- Sears, Roebuck and Co. (See Agner, Raymond C., assignor.)
- Sears, Roebuck and Co. (See Drissner, Alfred E., assignor.)
- Sears, Roebuck and Co. (See Parker, W. H., and Jaffe, assignors.)
- Sears, Virgil M., Goshen, Ind. Bichromatic device for ocular refraction. 2,023,246; Dec. 3.
- Sears, William H., assignor of thirty per cent to A. M. Hoadley, New York, N. Y. Necktie. 2,023,293; Dec. 3.
- Seastrom, Erik G., assignor to Individual Drinking Cup Company, Inc., Easton, Pa. Edge curling device. 2,017,018; Oct. 8.
- Seat, Jay L., Fairfield, Conn. Fire extinguisher. 2,016,301; Oct. 8.
- Seat, Jay L., Fairfield, Conn., assignor to Mergenthaler Linotype Company. Sprinkler head. 2,025,782; Dec. 31.
- Seattle Tent & Awning Company. (See Frank, Albert L., assignor.)
- Seator, Robert J. (See Matthews, H., and Seator.)
- Seavey, Frederick R. (See Olsen, F., and Seavey.)
- Seavey, Frederick R. (See Olsen, F., Seavey, and Kerone.)
- Seavey, Frederick R., A. J. Phillips, and F. Olsen, Dover, N. J., assignor to The Cellulose Research Corporation. Spraying materials. 1,986,292; Jan. 1.
- Seavey, Frederick R., and E. B. W. Kerone, Alton, assignors to Western Cartridge Company, East Alton, Ill. Handling sensitive materials. 2,000,995; May 14.
- Seay, Horace H. (See Driess, Oscar M., assignor.)
- Seay, James I., Memphis, Tenn. Well reamer. 1,997,436; Apr. 9.
- Seay, Willie L., Paris, Tenn. Hinged section for fences, etc. 2,011,528; Aug. 13.
- Sebell, Harry, Boston, Mass. Cup-dispensing device. 1,989,249; Jan. 29.
- Sebell, Harry, Boston, assignor of one-half to A. H. Parker, Lexington, Mass. Method of and apparatus for making a can. 2,002,456; May 21.
- Sebell, Harry, Boston, assignor of one-half to A. H. Parker, Lexington, Mass. Can. 2,002,457; May 21.
- Sebell, Harry, Boston, assignor of one-half to A. H. Parker, Lexington, Mass. Can. 2,002,458; May 21.
- Sebell, Harry, Boston, assignor of one-half to A. H. Parker, Lexington, Mass. Can. 2,011,778; Aug. 20.
- Sebell, Harry, Boston, assignor of one-half to A. H. Parker, Lexington, Mass. Container. 2,023,151; Dec. 3.
- Sebrell, Lorin B., Cuyahoga Falls, Ohio, assignor to Wing-foot Corporation, Wilmington, Del. Aldol condensation product and vulcanization of caoutchouc therewith. 1,994,732; Mar. 19.
- Sebrell, Lorin B., Cuyahoga Falls, Ohio, assignor to Wing-foot Corporation, Wilmington, Del. Accelerator of vulcanization. 2,024,605; Dec. 17.
- Sebrell, Lorin B., Cuyahoga Falls, Ohio, assignor to Wing-foot Corporation, Wilmington, Del. Mercaptan-amine derivative and producing it. 2,024,606; Dec. 17.
- Sebrell, Lorin B., Silver Lake, and A. M. Clifford, Stow, Ohio, assignors to Wing-foot Corporation, Wilmington, Del. Accelerator. 1,994,731; Mar. 19.
- Seccl, Armeno, assignor to Francita, Societe de Eilms en Couleurs Naturelles, Paris, France. Color motion picture camera. 1,995,437; Mar. 26.
- Seck, Frank C., Oklahoma City, Okla. Liquefier. 2,021,967; Nov. 26.
- Seco Manufacturing Company. (See Signor, William E., assignor.)
- Secor, Frank B., Bloomfield, N. J. Power operated steering mechanism. 1,995,588; Mar. 26.
- Secretary of Commerce. (See Conn, Wallace T., assignor.)
- Secretary of Commerce. (See Diamond, Harry, assignor.)
- Secretary of Commerce. (See Diamond, H., and Dunmore, assignors.)
- Secretary of the Navy. (See Young, Frank L., assignor.)
- Security Investment Company. (See Hammer, Otto, assignor.)
- Security Trust Company. (See Long, Elmer C., assignor.)
- Sedgley, Reginald F., and M. Wurzer, Philadelphia, Pa. Cartridge magazine. 2,007,774; July 9.
- Sedlatschek, Richard, assignor to United Reed and Harness Company, Paterson, N. J. Shuttle. 2,009,525; July 30.
- Sedlmayer, Joseph, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Interference elimination system. 1,998,792; Apr. 23.
- Sedlmayer, Robert, and E. Kruta, Aussig, Czechoslovakia. Fluoranthene dyestuff and making same. 2,002,130; May 21.
- Sedwick, Matthew M., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Hand seamer for cans. 2,005,640; June 18.
- Seebach, Fritz. (See Eibel, E., and Seebach.)
- Seebach, Fritz, Erkner, near Berlin, assignor to Bakelite Gesellschaft mit beschränkter Haftung, Berlin, Germany. Preparing solid or liquid solutions containing hardenable phenol-aldehyde resins and air drying fatty oils. 1,988,465; Jan. 22.
- Seebach, Fritz, Erkner, near Berlin, assignor to Bakelite Gesellschaft mit beschränkter Haftung, Berlin, Germany. Preparing air-drying varnishes from phenol-aldehyde condensation products. 1,998,098; Apr. 16.
- Seebach, Fritz, Erkner, near Berlin, assignor to Bakelite Gesellschaft mit beschränkter Haftung, Berlin, Germany. Preparation of resinuous condensation products from xylenol ethers and aldehydes. 2,014,415; Sept. 17.
- Seeber, Myron E., San Diego, Calif. Orchard or field heating and irrigating apparatus. 2,003,520; June 4.
- Seeberger, Fred B. (See Dampman, Frank S., assignor.)
- Seeburg, J. P., Corporation. (See Fern, John A., assignor.)
- Seeburg, Justus P. (See Wilcox, Russell I., assignor.)
- Seedorf, Alexander P., Ypsilanti, Mich. Apparatus for facial massage. 2,021,389; Nov. 19.
- Seeger, Edwin W. (See Lassen, E. U., and Seeger.)
- Seeger, Gustave R. (See Seeger, Walter G. and G. R.)
- Seeger Refrigerator Company. (See Ahrens, Robert S., assignor.)
- Seeger Refrigerator Company. (See MacGrath, Harold F., assignor.)
- Seeger Refrigerator Company. (See Seeger, Walter G. and G. R., assignors.)
- Seeger, Walter G. and G. R., assignors to Seeger Refrigerator Company, St. Paul, Minn. Refrigerator. 1,989,158; Jan. 29.
- Seel, Paul C., assignor to Eastman Kodak Company, Rochester, N. Y. Moisture resistant filaments of cellulose acetate. 1,997,316; Apr. 9.
- Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Synchronizing apparatus. 2,009,097; July 23.
- Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Starting system for arc discharge apparatus. 2,009,819; July 30.
- Seeley, Herbert B., New York, N. Y. Tooth powder dispenser. 2,003,093; May 28.
- Seeley, Stuart W., Jackson, Mich., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Condenser with temperature compensation. 2,015,732; Oct. 1.
- Seeley, Stuart W., Jackson, Mich., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automatic bias for detectors of superheterodyne receivers. 2,017,019; Oct. 8.
- Seeley, Stuart W., Jackson, Mich., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Negative bias for audio frequency amplifiers. 2,017,020; Oct. 8.
- Seeley Tube & Box Company. (See Halle, William W., assignor.)
- Seeley, Wilson, Ivanhoe, Ontario, Canada. Nonskid chain. 2,020,082; Nov. 6.
- Seelman, George, & Sons Company. (See Birbaum, Joseph, assignor.)
- Seelman, John J., Milwaukee, Wis. Cigarette tip. 1,989,214; Jan. 29.
- Seely, Thomas H., Melrose, and M. H. Ballard, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Heel breasting machine. 2,000,996; May 14.
- Seely, Thomas H., Melrose, and M. H. Ballard, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Heel breasting machine. 2,002,512; May 28.
- Seelye, Howard P., Royal Oak, Mich. Guy wire guard. 2,001,893; May 21.
- Seeman Brothers, Inc. (See Ensko, Robert, assignor.)
- Seeman, Robert. (See Wilson, A. R., Seeman, and Hallen.)
- Seese, William, deceased, late of Tacoma, Wash., by Vera Bejorklund, executrix, assignor of one-third to O. Hoffman and one-third to J. W. Panter, Tacoma, Wash. Plywood receptacle. 2,025,359; Dec. 24.
- Sefkin, Myer, Rochester, N. Y. Hot and cold water mixing attachment. 1,986,225; Jan. 1.
- Seft, Rudolph R., Brackenridge, Pa. Collapsible miter box. 2,004,475; June 11.
- Sefton National Fibre Can Co. (See Ellstrom, Elmer G., assignor.)
- Sefton National Fibre Can Co. (See Ellstrom, E. G., and Hicks, assignors.)
- Sefton, Pennington, Auburn, N. Y. Treating trees. 2,007,879; July 9.
- Segal, Hyman R., New York, N. Y. Key holder. 1,996,933; Apr. 9.
- Segal, Hyman R., New York, N. Y. Tobacco smoking implement. 1,997,536; Apr. 9.
- Segal, Hyman R., New York, N. Y. Pipe. 1,997,537; Apr. 9.
- Segal, Hyman R., New York, N. Y. Safety razor. 2,001,218; May 14.

- Segal, Hyman R., New York, N. Y. Safety razor and blade. 2,002,297; May 21.
- Segal, Hyman R., New York, N. Y. Safety razor and blade. 2,002,298; May 21.
- Segal, Hyman R., New York, N. Y. Keyless lock. 2,008,565; July 16.
- Segal, Hyman R., New York, N. Y. Package. 2,020,804; Nov. 12.
- Segal, Irving, New York, N. Y. Extension table. 1,994,538; Mar. 19.
- Segal, Ralph H., New York, N. Y. Calendar. 2,006,485; July 2.
- Segal, Ralph H., New York, N. Y. Recording device. 2,012,437; Aug. 27.
- Segal, Ralph H., and T. I., Brooklyn, N. Y. Lighter. 2,006,061; June 25.
- Segal, Samuel. (See Glaser, J. L., and Segal.)
- Segal, Samuel, New York, N. Y. Tweezer. 1,988,218; Jan. 15.
- Segal, Samuel, Brooklyn, N. Y. Tweezer. 1,988,219; Jan. 15.
- Segal, Samuel, assignor of one-third to C. M. Palmer, New York, N. Y. Machine for breaking in shoes. 2,007,814; July 9.
- Segal, Theodore I. (See Segal, Ralph H. and T. I.)
- Segelhorst, August L., Huntington Beach, and L. F. Davis, Santa Ana, assignors to W. B. Shaffer, Brea, Calif. Valve. 1,989,429; Jan. 29.
- Segelhorst, George, Stowe, Ohio. Marker. 2,002,756; May 28.
- Segelhorst, George, Stowe, Ohio. Traffic marker. 2,005,170; June 18.
- Segelin, David and S., Rochester, N. Y. Crease holding means for garments. 2,005,480; June 18.
- Segelin, Solomon. (See Segelin, David and S.)
- Segelke & Kohlhaus Company. (See Guillaume, Anton A., assignor.)
- Seger, Dana, and R. D. Smith, Davenport, Iowa, and F. J. Fransen, Rock Island, Ill., assignors to Geo. L. Hunt Automotive Equipment Co., Davenport, Iowa. Kingpin angle gauge. 2,000,865; May 7.
- Segerstrom, Ludwig, Shelton, Conn. Drive attachment for automobiles. 2,025,131; Dec. 24.
- Seghers, Emiel P., Chicago, Ill. Handle protector. 1,988,751; Jan. 22.
- Seghers, Emiel P., Chicago, Ill. Top for percolators and the like. 2,002,354; May 21.
- Seghers, Emiel P., Chicago, Ill. Percolator top. 2,002,355; May 21.
- Segovia, Crispin B., New York, N. Y. Geographical clock. 2,001,633; May 14.
- Segovia, Crispin B., New York, N. Y. Geographical clock. 2,024,066; Dec. 10.
- Segschneider, Rudolph G., Yonkers, N. Y. Hat brim ironing machine. 2,018,326; Oct. 22.
- Seguin, Oscar J., Springfield, Mass. Lug bolt and cap for same. 1,988,813; Jan. 22.
- Seguin, Oscar J., Springfield, Mass. Sink drain apparatus. 2,019,799; Nov. 5.
- Seguin, Oscar J., Springfield, Mass. Bolt cap. 2,020,522; Nov. 12.
- Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,986,228; Jan. 1.
- Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 1,990,254; Feb. 5.
- Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oil. 2,001,159; May 14.
- Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Conversion or cracking of high boiling hydrocarbon oils into low boiling hydrocarbon oils. 2,004,223; June 11.
- Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Coking hydrocarbon oils. 2,014,212; Sept. 10.
- Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,025,532; Dec. 24.
- Sehlbach, Albert E., assignor to Albert Pick Co., Inc., Chicago, Ill. Combined sundae and soda receptacle. 2,023,703; Dec. 10.
- Seiberlich, Josef. (See Weingand, R., and Seiberlich.)
- Seiberling Latex Products Company. (See Casey, Thomas W., assignor.)
- Seibert, Nelson J. (See Parker, W. H., and Seibert.)
- Seibert, Nelson J. (See Parker, W. H., Seibert, and MacLean.)
- Seibold, Ernst, and G. Hopfensberger, Heidenheim on the Brenz, Germany. Rotary machine. 2,025,959; Dec. 31.
- Seibold, Paul F. (See Halborg, C. J., Hart, and Seibold.)
- Seibt, Georg, Berlin-Sehneberg, Germany. Coating apparatus. 1,998,060; Apr. 16.
- Seidel, Bruno W. (See Aronson, H. L., and Seidel.)
- Seidel, Fritz, Berlin-Copenick, and J. Ronke, Langenbielau, assignors to firm Christian Dierig Aktiengesellschaft, Berlin-Grunow, Germany. Treating fibrous materials. 1,992,778; Feb. 26.
- Seidel, Kurt. (See Rüter, R., and Seidel.)
- Seidel, Paul A., et al. (See Maurer, Sam., assignor.)
- Seiden, Henry W., and H. L. Seiden, Albany, N. Y., assignors to Lion Manufacturing Corporation, Chicago, Ill. Game of skill. 2,010,966; Aug. 13.
- Seiden, Herman L. (See Seiden, Henry W., and H. L.)
- Seidenfaden, Wilhelm. (See Zitscher, A., and Seidenfaden.)
- Seidler, Otto, Heide, Germany. Building or paving brick. 2,013,768; Sept. 10.
- Seidman, Solomon H., New York, N. Y., and A. F. Routh, New Haven, Conn. Ironing device. 2,004,384; June 11.
- Seifert, Hans. (See Zabel, M., Falek and Seifert.)
- Seifert, Richard, Vienna, Austria, assignor to Metallbillard A. G., Chur, Switzerland. Construction of billiards. 1,991,123; Feb. 12.
- Seifert, Hugo, Düsseldorf-Oberkassel, Germany. Method and apparatus for producing metal bars with transverse ribs. 1,990,140; Feb. 5.
- Seiffert, Franz, & Co., Aktiengesellschaft et al. (See Meyer, Curt, assignor.)
- Seigle, William R., Mamaroneck, assignor to Johns-Manville Corporation, New York, N. Y. Friction facing material. 2,011,915; Aug. 20.
- Seiki, Kazuo, Setagaya-Ku, Tokyo, Japan, assignor of one-half to The Nippon Trading Company, Tokyo, Japan. Golf tee. 2,011,203; Aug. 13.
- Seil, Gilbert E., Conshohocken, assignor to E. J. Lavins and Company, Philadelphia, Pa. Molding articles. 1,995,947; Mar. 26.
- Seil, Gilbert E., Cynwyd, assignor to E. J. Lavine and Company, Philadelphia, Pa. Abrasive. 2,026,255; Dec. 31.
- Seiler, James F., Washington, D. C. Composite wood and concrete construction. 2,022,693; Dec. 3.
- Seillière, Serge R., Paris, France. Hydraulic compressor. 2,001,269; May 14.
- Seillière, Serge R., Paris, France. Fluid pumping apparatus. 2,019,023; Oct. 29.
- Seiss, George J., Toledo, Ohio. Siren. 2,015,387; Sept. 24.
- Seiss, George J., Toledo, Ohio. Electric switch. 2,022,388; Nov. 26.
- Seitter, Albert G., Wilmington, N. C. Hand car. 2,004,676; June 11.
- Seitz, Charles H., Philadelphia, Pa. Traveling bag. 1,999,424; Apr. 30.
- Seitz, Dean C., Lakewood, assignor to Russ Soda Fountain Company, Cleveland, Ohio. Apparatus for and method of dispensing carbonated beverages. 2,013,425; Sept. 3.
- Seitz, Joseph J., assignor to Mitchell Specialty Company, Philadelphia, Pa. Door retainer. 1,990,141; Feb. 5.
- Seitz, Oskar, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric current rectifier. 2,016,808; Oct. 8.
- Seitz-Werke Corporation of G. m. b. H. (See Stegemann, Friedrich, assignor.)
- Seitz-Werke G. m. b. H. (See Böhmer, Adam, assignor.)
- Seitz-Werke, G. m. b. H. (See Depenbrock, Wilhelm, assignor.)
- Seitz-Werke G. m. b. H. (See Stegemann, Friedrich, assignor.)
- Seizer, Otto, Sindelfingen, near Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Untertürkheim, Germany. Atomizing device. 1,987,248; Jan. 8.
- Sekavec, Joseph, Chicago, Ill. Clothes drier. 2,011,504; Aug. 13.
- Sekella, Youston, Elmira Heights, assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 1,993,628; Mar. 5.
- Sekella, Youston, Elmira Heights, assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 1,995,520; Mar. 26.
- Selas Company, The. (See Hess, Fred, assignor.)
- Selaya, Manuel J., assignor to American Engineering Company, Philadelphia, Pa. Fluid-cooled wall structure. 2,022,830; Dec. 3.
- Selector Corporation, The. (See Wadsworth, Leslie H., assignor.)
- Self Extinguishing Cigarette Corporation. (See Miles, William C., assignor.)
- Self Extinguishing Cigarette Corporation. (See Weinberger, Maurice X. C., assignor.)
- Self-Locking Carton Co. (See Burger, Martin, assignor.)
- Self-Locking Carton Co. (See Cox, John W., assignor.)
- Self-Locking Carton Co. (See Stone, Raymond, assignor.)
- Self Sealing Cap Company, The. (See Leustig, Benno B., assignor.)
- Seligman, Richard, Wimbledon, London, England. Surface heat exchange apparatus for fluids. 1,992,097; Feb. 19.
- Seligman, Richard, Wimbledon Common, London, and H. F. Goodman, Barnes, London, assignors to The Aluminium Plant & Vessel Company Limited, London, England. Apparatus for treating liquids, particularly for the pasteurization thereof. 1,992,330; Feb. 26.
- Seligman, Richard, Wimbledon, W. E. Crosby, Coombe Lane, Kingston, and H. F. Goodman, Barnes, London, assignors to The Aluminium Plant and Vessel Company Limited, Wandsworth, England. Heat exchange apparatus and mounting therefor. 2,015,819; Oct. 1.
- Seligman, Samuel, et al. (See Caesar, Paul, assignor.)
- Seligmann, Arthur, Düsseldorf, Germany. Refrigerating plant. 2,014,701; Sept. 17.
- Sell, Joseph C., Detroit, Mich. Automatic rear door lock for vehicle bodies. 2,003,394; June 4.
- Sellers, Walter B. (See Barthélemy, H. L., Huffman and Sellers.)
- Sellers, G. I., & Sons Company. (See Conwell, William J., assignor.)

- Sellers, R. I., & Sons Company. (See McQuinn, E. G., and Conwell, assignors.)
- Sellers, William, & Company. (See Pedrick, Irene P., assignor.)
- Sells, Ogden S., San Francisco, Calif., and H. J. Wheeler, Buffalo, N. Y., assignors to Sprague-Sells Corp., Hoopes-ton, Ill. Corn husking machine. 1,990,503; Feb. 12.
- Selseth, Nathan, et al. (See Duncan, Walter G., assignor.)
- Selston, Ernest J. (See Whitby, E., Pedler, Selston, and Lester.)
- Selston, Ernest J. (See Whitby, E., Pedler, Selston, Newman, and Lester.)
- Seltzer, William, Passaic, N. J., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Stabilization of emulsified food products. 2,007,218; July 9.
- Seltzer, William, Passaic, N. J., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Stabilizing material. 2,011,594; Aug. 20.
- Semerad, R. W., et al. (See Hendrich, Max W., assignor.)
- Semery, Jean M. C., Paris, France. Device for changing gear. 2,013,586; Sept. 3.
- Semet-Solvay Engineering Corporation. (See Hughes, Charles H., assignor.)
- Semet-Solvay Engineering Corporation. (See McIntire, Charles V., assignor.)
- Semet-Solvay Engineering Corporation. (See Miller, Matthew J., assignor.)
- Semet-Solvay Engineering Corporation. (See Pratt, C. O., and Tweit, assignors.)
- Semet-Solvay Engineering Corporation. (See Tiddy, William, assignor.)
- Seminara, Pietro, Brooklyn, N. Y. Cigarette dispensing case. 1,987,519; Jan. 8.
- Semmes, Harry H., Chevy Chase, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Aerial vehicle control. 2,006,515; July 2.
- Semmes, Harry H., Chevy Chase, Md., and M. W. McConkey, assignors to Bendix Aviation Corporation, South Bend, Ind. Airplane indicator. 2,025,909; Dec. 31.
- Semon, David E. (See Marvel, A. L. and Semon.)
- Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Anti-oxidant. 2,009,526; July 30.
- Semon, Waldo L., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 2,013,319; Sept. 3.
- Semon, Waldo L., Silverlake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparing anti-oxidants. 2,015,696; Oct. 1.
- Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Accelerator of vulcanization. 2,026,256; Dec. 31.
- Semon, Waldo L., Cuyahoga Falls, and A. W. Sloan, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 2,000,039; May 7.
- Semon, Waldo L., Silver Lake Village, and A. W. Sloan, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 2,000,040; May 7.
- Semon, Waldo L., Silver Lake Village, and A. W. Sloan, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 2,000,041; May 7.
- Semon, Waldo L., Silver Lake Village, and T. F. Ford, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Manufacture of mercapto aryl thiazoles. 2,001,587; May 14.
- Simple, Alexander B., Louisville, Ky. Mop. 2,020,523; Nov. 12.
- Semsch, Franz, Berlin-Grünwald, Germany. Flexible container. 2,019,160; Oct. 29.
- Senaue, Alexander, New York, N. Y., assignor to Hazeltine Corporation, Jersey City, N. J. Silent tuning system for radioreceivers. 2,026,102; Dec. 31.
- Sendlinger Optische Glaswerke G. m. b. H. (See Jaekel, Georg, assignor.)
- Seneca Falls Machine Company. (See Smith, Edwin R., assignor.)
- Seneca Falls Machine Company. (See Smith, E. R., and Pearson, assignors.)
- Seneca Falls Machine Company. (See Smith, E. R., and Schinke, assignors.)
- Senft, Willibald. (See Wegner, O., and Senft.)
- Seng Company, The. (See Fox, Martin, assignor.)
- Seng Company, The. (See Fox, M., and Seng, assignors.)
- Seng, Leroy E., Cleveland Heights, assignor to The Union Products Company, Cleveland, Ohio. Coating composition. 1,988,921; Jan. 22.
- Seng, Wedelin P. (See Fox, M., and Seng.)
- Sengbusch, Gustav J., Milwaukee, Wis. Inkstand. 2,022,743; Dec. 3.
- Senger, Albert C., Hamilton, Ohio. Automobile generator control. 1,994,370; Mar. 12.
- Sengstaken, John H., Plandome, assignor to The Super-heater Company, New York, N. Y. Economizer. 2,007,309; July 9.
- Senn, Charles. (See Leisten, N., and Senn.)
- Senn, Emil, Riehen, near Basel, assignor to J. R. Geigy A. G., Basel, Switzerland. Dyeing leather. 2,025,613; Dec. 24.
- Senseman, William B., Glendale, Calif., assignor to The Raymond Brothers Impact Pulverizer Company, Chicago, Ill. Mill-drying process and apparatus. 2,023,247; Dec. 3.
- Sensiba, Claude W. (See Sensiba, Frederick H. and C. W.)
- Sensiba, Frederick H. and C. W., Crystal Falls, Mich., assignors of one-third to J. B. O'Hara, Green Bay, Wis. Defective light signal. 2,002,251; May 21.
- Sentell, Melvin D., Chattanooga, Tenn. Pneumatic mattress. 2,016,054; Oct. 1.
- Senutovich, Wladimir, et al. (See Romanoff, Hippolyte, assignor.)
- Seper, Arthur, Yonkers, N. Y. Towel rack. 2,024,892; Dec. 17.
- Septer, Leslie E. (See Hillyer, E. E., and Septer.)
- Sera, Samuel, and J. Hatala, Erie, Pa. Airplane. 2,002,299; May 21.
- Serafinowicz, Oscar, Berlin, Germany. Floating, bathing, and swimming device. 2,013,635; Sept. 3.
- Sereff, Peter H., Denver, Colo. Tile. 2,005,958; June 25.
- Serenberg, Russell A., and C. and P. Marienthal, Detroit, Mich., assignors to Steel Materials Company. Electric utensil. 1,992,843; Feb. 26.
- Sergent, Walter H., assignor to Fair Play Caramels, Inc., Middletown, N. Y. Machine for wrapping candy and inserting sticks into the candy. 2,014,593; Sept. 17.
- Serpas, Ralph J., Minneapolis, Minn. Evaporating apparatus. 1,996,526; Apr. 2.
- Serpico, Thomas, Brooklyn, N. Y. Flowerpot support. 1,989,294; Jan. 29.
- Serpico, Thomas, Brooklyn, N. Y. Retaining device. 1,991,633; Feb. 19.
- Serrano, Reuben E., Los Angeles, Calif. Necktie. 1,997,085; Apr. 9.
- Serre, Maurice, Astoria, N. Y., assignor of one-half to G. de Leyer, Boston, Mass. Hair waving device. 2,026,364; Dec. 31.
- Sersté, Jacques E., Laeken-Brussels, Belgium. Valve gear for explosion and internal combustion engines working on any cycle. 2,019,161; Oct. 29.
- Serv-A-Towel Manufacturing Company. (See Hondeville, August I., assignor.)
- Servel, Inc. (See Clarke, James M., assignor.)
- Servel, Inc. (See Collins, William D., assignor.)
- Servel, Inc. (See Hollander, Charles A., assignor.)
- Servel, Inc. (See Kunczli, W. A., and Ploeger, assignors.)
- Servel, Inc. (See Munters, Carl G., assignor.)
- Servel, Inc. (See Peltier, F. D., and Kuenzli, assignors.)
- Servel, Inc. (See Peltier, F. D., and Ploeger, assignors.)
- Servel, Inc. (See Rickard, R. L., and Collins, assignors.)
- Service Station Equipment Company. (See Prescott, Le Roy A., assignor.)
- Service Station Equipment Company. (See Woodford, Joseph C., assignor.)
- Service Station Equipment Company Limited. (See Brouse, William H. D., assignor.)
- Servidor Company, The. (See Mathcette, Frank J., assignor.)
- Servonnat, Louis, Voiron, Chemin des Villas, France, assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for fitting soles. 1,995,326; Mar. 26.
- Sessions, Alwyn C., assignor to Stanco Incorporated, New Brunswick, N. J. Copper fungicide. 1,988,752; Jan. 22.
- Sessions, Charles R., San Francisco, assignor, by mesne assignments, to Menborn, Inc., Los Angeles, Calif. Motor pump. 2,002,907; May 28.
- Sessions, Robert C., Lakewood, Ohio. Method of and apparatus for electric heating and welding. 1,986,369; Jan. 1.
- Sessions, Robert C., Lakewood, Ohio. Method of and apparatus for electric heating and welding. 1,986,370; Jan. 1.
- Sessions, Royal L. (See Mitchell, T. A., and Sessions.)
- Sessler, Eugene. (See Ratelek, Charles J., assignor.)
- Set-O-Type Manufacturing Company. (See Poeppelmeier, Frank H., assignor.)
- Settegest, Bernhard, assignor to Echometer Gesellschaft mit beschränkter Haftung, Kiel, Germany. Siren for the production of sharp cut tones of short duration. 1,985,954; Jan. 1.
- Setter, Joseph A., Schenectady, N. Y., assignor to General Electric Company. Bridge control system. 2,004,770; June 11.
- Settles, Clara B., administratrix. (See Settles, Joshua L.)
- Settles, Joshua L., deceased, late of Seattle, Wash., by Clara B. Settles, administratrix, Seattle, Wash. Kitchen shredder. 2,013,900; Sept. 10.
- Setzer, Rudolf, Munich-Trudering, Germany, assignor to Technik & Investment Aktiengesellschaft, Vaduz, Liechtenstein. Carding, cleaning, opening, and like machine for textile fibers. 2,014,673; Sept. 17.
- Severer, William T. (See Terwilliger, S. M., and Severer.)
- Severin, Carl, Cleveland Heights, and L. R. Peters, Cleveland, Ohio, assignors to General Electric Company. Cut-out for electric lamps. 1,992,844; Feb. 26.
- Severin, Christian C., Unadilla, Nebr. Automatic match lighter. 2,015,354; Sept. 24.
- Severing, Heinrich, Sasbach, near Achern, Baden, Germany. Charging machine for bottle manufacture. 2,006,516; July 2.

- Seversky Aircraft Corporation. (See DeSeversky, Alexander P., assignor.)
- Severson, Melvin, Galesville, Wis. Mop. 1,990,713; Feb. 12.
- Severson, Ole, Shelton, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Cam lock for tool bits. 2,015,701; Sept. 10.
- Severson, Samuel, Valders, Wis. Snow removing device. 1,987,313; Jan. 8.
- Severus, Julius. (See Hart, G. T., and Severus.)
- Severy, Victor H., Los Angeles, Calif. Sound reproducing apparatus. 1,998,465; Apr. 23.
- Severy, Victor H., Los Angeles, Calif., assignor, by mesne assignments, to Creative Industries, Inc. Electrically controlled piano. 2,006,413; July 2.
- Sevison, Harry D. (See Hamm, W. S., and Sevison.)
- Sevison, Harry D., Elkhart, Ind., assignor to The Adlake Company. Automatic circuit breaker for automobiles. 1,996,836; Apr. 9.
- Sevison, Harry D., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Bottom rail sealing strip. 2,020,581; Nov. 12.
- Sevison, Luther E. (See Nagel, W. G., and Sevison.)
- Sewall, Sumner, Bath, Maine. Construction of motor vehicle bodies and other structures. 2,012,591; Aug. 27.
- Seward, Clarence L., Jr., Washington, D. C., assignor to Bendix Aviation Corporation, South Bend, Ind. Liquid level indicator. 2,001,853; May 21.
- Seward, David E., et al. (See Vanderpoel, Albert G. H., assignor.)
- Seward, Robert B., Guilford, Conn., assignor to Zotos Corporation, New York, N. Y. Hair waving device. 1,995,688; Mar. 26.
- Sewell, Arthur T., Edwardsville, Kans. Landing signal. 1,989,295; Jan. 28.
- Sexauer, Walther, Oberhausen, assignor to Gastechnik G. m. b. H., Oberhausen, Germany. Freeing gases from sulphur compounds. 2,024,393; Dec. 17.
- Sexton, August H., assignor to Superior Cement Corporation, Portsmouth, Ohio. Producing cementitious tile. 2,018,192; Oct. 22.
- Sexton, Frank S., San Francisco, Calif. Apparatus for dispensing liquids. 1,997,883; Apr. 16.
- Sexton, Irvin J., assignor to Gibson Electric Refrigerator Corporation, Greenville, Mich. Light installation. 2,010,799; Aug. 6.
- Sexton, Isaac E., Winchester, Mass. Closure. 2,001,980; May 21.
- Sexton, Wilfred A. (See Bunbury, H. M., and Sexton.)
- Sexton, Wilfred A. (See Coffey, S., and Sexton.)
- Sexton, Wilfred A. (See Mendoza, M., and Sexton.)
- Sexton, Wilfred A., Huddersfield, and D. Ward, Crumpsall, England, assignors to Imperial Chemical Industries Limited. Treatment of waxes. 2,021,926; Nov. 26.
- Seybold, Charles, Oakwood, Ohio. Clamp operating apparatus. 2,023,794; Dec. 10.
- Seybold, Charles, Oakwood, Ohio. Clamping operating apparatus. 2,023,795; Dec. 10.
- Seybold, Frederick W. (See Lewis, H. I., and Seybold.)
- Seybold, Frederick W., Dayton, assignor to Harris Seybold Potter Company, Cleveland, Ohio. Segmental grinding wheel. 1,989,215; Jan. 29.
- Seybold, Frederick W., Dayton, assignor to Harris Seybold Potter Company, Cleveland, Ohio. Back gauge stop mechanism. 2,005,830; June 25.
- Seybold, René, Strasbourg, France. Pneumatically playing accordion. 2,019,800; Nov. 5.
- Seydel, Herman, Jersey City, N. J. Application of chlorinated hydrocarbons in the treatment of sewage, garbage, drains, ditches, etc. 1,996,353; Apr. 2.
- Seyferth, Carl G., and H. E. Swanson, assignors to West Michigan Steel Foundry Co., Muskegon, Mich. Fifth wheel construction. 1,999,375; Apr. 30.
- Seyforth, Rome C., assignor to Lowell Manufacturing Company, Lowell, Mich. Vaporizer. 2,008,426; July 16.
- Seyforth, Rome C., assignor to Lowell Manufacturing Company, Lowell, Mich. Compressor. 2,014,816; Sept. 17.
- Seyfried, Arthur W., Cleveland Heights, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Electric motor. 2,001,799; May 21.
- Seyfried, Florence R. (See Dohm, Elizabeth, assignor.)
- Seyler, John T., assignor to Seyler Manufacturing Company, Pittsburgh, Pa. Suspending lamps. 2,025,248; Dec. 24.
- Seyler Manufacturing Company. (See Seyler, John T., assignor.)
- Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Laminated product and making the same. 1,990,098; Feb. 5.
- Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Composition containing derivatives of cellulose. 1,995,015; Mar. 19.
- Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Composition containing derivatives of cellulose. 1,995,016; Mar. 19.
- Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Preparing vinyl phenols. 2,008,517; July 2.
- Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Resin and coating or plastic composition containing the same. 2,017,993; Oct. 22.
- Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Treating derivatives of cellulose and product thereof. 2,020,338; Nov. 12.
- Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Resin and coating or plastic composition containing the same. 2,022,389; Nov. 26.
- Seymour, George W., and B. B. White, Cumberland, Md., assignors to Celanese Corporation of America. Resin and coating or plastic composition containing the same. 2,004,297; June 11.
- Seymour, William A., Leavenworth, Kans. Apparatus for feeding materials to grinding mills. 2,019,274; Oct. 29.
- Seymour, William H., Los Angeles, Calif. Headlight signal. 2,000,258; May 7.
- Sferra, Stephen J. (See Thomas, T. C., and Sferra.)
- Shackleton, Samuel P., Wyoming, N. J., assignor to American Telephone and Telegraph Company. Gain control apparatus. 2,017,923; Oct. 22.
- Shackleton, William H., Wayzata, Minn. Paper positioning device for feed mechanisms of printing presses and the like. 2,011,085; Aug. 13.
- Shafarman, Isaac J., Fort Worth, Tex. Garment hanger. 2,014,299; Sept. 10.
- Shafer, Alexis M., McCall, Idaho. Pencil and pen pocket. 2,017,476; Oct. 15.
- Shafer, George E. (See Hoover, G. R., and Shafer.)
- Shafer, George J., assignor of one-third to B. Cody, Jacksonville, Oreg. Trailer hitch. 2,002,416; May 21.
- Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Railway car truck. 1,988,339; Jan. 15.
- Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,007,005; July 2.
- Shafer, Samuel, Jr., and C. F. Ball, assignors to Chain Belt Company, Milwaukee, Wis. Metering apparatus for mixing machines. 2,025,003; Dec. 17.
- Shaff, Ernest H., assignor to William H. Keller, Inc., Grand Haven, Mich. Riveting tool. 2,011,877; Aug. 20.
- Shafer, Glenn A., and F. H. Wirtz, Green Bay, Wis., assignors to The White Cast System of Eating Houses Corporation, Wichita, Kans. Cap forming machine. 2,023,152; Dec. 3.
- Shaffer, Sherman S., and E. V. Fasce, Baytown, Tex., assignors to Standard Oil Development Company. Preparing lubricating oil dye stock. 1,988,753; Jan. 22.
- Shaffer, Wm. B. (See Segelhorst, A. L., and Davis, assignors.)
- Shaffer, William D., and A. L. Cone, Brea, Calif., said Cone assignor to said Shaffer. High pressure valve or cock. 2,007,664; July 9.
- Shaffer, William H., Jr., assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Crate and making the same. 1,998,850; Apr. 23.
- Shaffner, Meldon A., Milwaukee, Wis. Heel clamping device. 2,007,616; July 9.
- Shaffner, Samuel C., Chicago, Ill. Washing machine. 1,986,019; Jan. 1.
- Shaffer, Ruland R., Freeport, N. Y., and R. Bernhard, Allentown, Pa., assignors to Traylor Engineering & Manufacturing Company, Calciner. 1,995,943; Mar. 26.
- Shaffer, Ruland R., Freeport, N. Y., and R. Bernhard, Allentown, Pa., assignors to Traylor Engineering & Manufacturing Company, Calciner. 2,026,441; Dec. 31.
- Shakespeare Company. (See Russell, Samuel G., assignor.)
- Shakespeare Company. (See Russell, S. G., and Burdick, assignors.)
- Shaler, John T., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Pressure vessel. 2,018,976; Oct. 29.
- Shaler, Saul, assignor to Tark Electric Razor Co., Inc., Long Island City, N. Y. Electric razor and blade therefor. 2,015,160; Sept. 24.
- Shaler, William T., Silver Creek, N. Y., Sieve shaker. 1,999,213; Apr. 30.
- Shalette, Morris, Brooklyn, assignor to White Star Mills, Inc., New York, N. Y. Providing knitted fabrics with self-fringe. 2,022,744; Dec. 3.
- Shalita, Pincus. (See Trepte, A. H. C., and Shalita.)
- Shallcross Company, The. (See Shallcross, Herbert L., assignor.)
- Shallcross, Herbert L., assignor to The Shallcross Company, Philadelphia, Pa. Typewriter ribbon inking machine. 2,007,729; July 9.
- Shallenberger, Charles S., and C. F. Frede, St. Louis, Mo., and H. Hoblitzelle, Wynnewood, Pa., assignors to General Steel Castings Corporation, Granite City, Ill. Hopper car. 2,015,197; Sept. 24.
- Shamberger, George A., Shaw, Oregon. Aeroplane. 2,001,400; May 14.
- Shambow, John C., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel cover and making the same. 1,997,317; Apr. 9.
- Shambow Shuttle Company. (See Fuller, Emil E., assignor.)
- Shanahan, Thomas B., Rochester, N. Y. Light reflector. 2,018,155; Oct. 22.
- Shand, Errol R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh Company, East Pittsburgh, Pa. Synchronous motor control. 1,994,900; Mar. 19.
- Shand, John A. (See Halvorson, T. J., and Shand.)
- Shand & Jurs Company. (See Jurs, Albert E., assignor.)
- Shand, Reginald C., Piedmont, Calif. Liquid dispensing system. 2,002,757; May 28.

- Shank, McConnell, and H. J. Flikkie, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for making container caps. 2,013,320; Sept. 3.
- Shankland, Karl M., Seattle, Wash. Lump sugar server. 2,013,901; Sept. 10.
- Shanklin, George B., Schenectady, N. Y., assignor to General Electric Company. Electric cable system and installing the same. 1,991,230; Feb. 12.
- Shanklin, George B., Schenectady, N. Y., assignor to General Electric Company. Detecting and ascertaining the region of oil leaks in cable systems. 2,004,769; June 11.
- Shanklin, George B., Schenectady, N. Y., assignor to General Electric Company. Apparatus for impregnating cables. 2,009,820; July 30.
- Shankweiler, Fred K., Newport, assignor to Hercules Powder Company, Wilmington, Del. Surface coating. 1,998,099; Apr. 16.
- Shankweiler, Fred K., Newport, and W. E. Gloor, Wilmington, Del., assignors to Hercules Powder Company, Wilmington, Del. Nitrocellulose gel and method of producing. 2,001,070; May 14.
- Shanley, Francis R., Washington, D. C. Apparatus for testing shock-absorbing struts for airplanes. 2,024,067; Dec. 10.
- Shannon, Carson H., Cleveland, assignor by mesne assignments, to C. W. Brand, Cleveland Heights, Ohio. Jack. 1,990,004; Feb. 5.
- Shannon, John Y., Rodney Downs, Ilfracombe, Queensland, Australia. Lamb marking and operating cradle. 1,987,977; Jan. 15.
- Shannon, Malcolm B. (See Loosmore, J. R., and Shannon.)
- Shannon, Randolph W., New York, N. Y. Joining metallic surfaces. 1,996,657; Apr. 2.
- Shannon, Randolph W., Los Angeles, Calif. Panel supporting strip. 2,024,068; Dec. 10.
- Shanon, Edgar E., assignor to The Petroleum Iron Works Company of Ohio, Sharon, Pa. Drainage of floating roofs. 2,017,821; Oct. 15.
- Shapero, Charles, New York, N. Y. Polishing bag. 1,987,130; Jan. 8.
- Shapin, Israel, New York, N. Y. Razor blade stropper. 2,011,422; Aug. 13.
- Shapiro, Benjamin, New York, N. Y. Necktie press. 2,007,665; July 9.
- Shapiro, Charles H., New York, N. Y. Child's garment. 2,008,773; July 23.
- Shapiro, Harold B., Chicago, Ill., assignor to Allied Manufacturing Company. Film exhibitor. 1,999,133; Apr. 23.
- Shapiro, Jack, University City, Mo. Adjustable cap. 2,020,582; Nov. 12.
- Shapiro, Lewis G. (See Myers, Sulzurnus C., Jr., assignor.)
- Shapiro, Louis, Cleveland, Ohio. Radiator core. 2,008,566; July 16.
- Shapiro, Morris, Cleveland, Ohio. Bottle stopper. 1,999,113; Apr. 23.
- Shapiro, Samuel, New York, assignor to Olga Liben, Bronx, N. Y. Folded sheet and folding the same. 1,996,307; Apr. 2.
- Shapiro, Solomon, Cedarhurst, N. Y. Humidor. 1,987,373; Jan. 8.
- Shappirio, Sol, Washington, D. C. Metallo organo derivatives. 2,012,356; Aug. 27.
- Sharar, Fred H., Williamsport, Pa. Brake. 1,986,123; Jan. 1.
- Sharar, Fred H., Williamsport, Pa. Motor vehicle brake. 2,004,556; June 11.
- Sharar, Martin A., Springdale, assignor of one-half to S. O. Sharar, Pittsburgh, Pa. Protractor. 1,986,684; Jan. 1.
- Sharar, Sidney O. (See Sharar, Martin A., assignor.)
- Sharkey, William E., and H. Peters, assignors to The Raymond Bag Company, Middletown, Ohio. Web cutting mechanism. 2,010,442; Aug. 6.
- Sharma, Jagan N., Berkeley, assignor to Food Machinery Corporation, San Jose, Calif. Fruit treating composition and treating fruit. 2,002,589; May 28.
- Sharp, Clayton H., White Plains, and H. J. Eckweller, assignors to Electrical Testing Laboratories, New York, N. Y. Photoelectric comparator. 1,999,023; Apr. 23.
- Sharp & Dohme, Incorporated. (See Hartung, Walter H., assignor.)
- Sharp & Dohme, Incorporated. (See Johnson, Treat B., assignor.)
- Sharp & Dohme, Incorporated. (See Pittenger, Paul S., assignor.)
- Sharp & Dohme, Incorporated. (See Reichel, J., and Schneider, assignors.)
- Sharp, Elmer E. (See Stein, Emerson W., assignor.)
- Sharp, Frank W., assignor to The Autotype Company Limited, London, England. Photographic process employing bichromated colloids. 1,994,289; Mar. 12.
- Sharp, George A., Los Angeles, Calif., assignor to Davis & Sharp. Strand for suture and other purposes and making the same. 1,999,641; Apr. 30.
- Sharp, George C., Millville, N. J. Game. 1,997,238; Apr. 9.
- Sharp, Henry T., Chicago, Ill. Dental floss holder. 1,986,371; Jan. 1.
- Sharp, Jefferson M., assignor to National Transit Pump and Machine Company, Oil City, Pa. Double acting piston pump. 2,011,304; Aug. 13.
- Sharp, John, Cleveland, Ohio. Vibrating mechanism. 2,002,871; May 28.
- Sharp, John H. (See Anderson, Harley E., assignor.)
- Sharp, John H., Chicago, Ill. Torque-measuring wrench. 2,007,880; July 9.
- Sharp, John H., Chicago, Ill. Bolt. 2,008,229; July 16.
- Sharp, John H., Chicago, Ill. Bolt. 2,024,069; Dec. 10.
- Sharp, John H., Chicago, Ill. Making bolts. 2,024,070; Dec. 10.
- Sharp, L. Alan, Bellevue, Pa., assignor to National Electric Products Corporation. Electrical receptacle. 2,024,607; Dec. 17.
- Sharp, L. Alan, Bellevue, Pa., assignor to National Electric Products Corporation, New York, N. Y. Plug. 2,025,533; Dec. 24.
- Sharp, Lewis. (See Whitlock, R. G., and Sharp.)
- Sharp, Minnie E., executrix. (See Sharp, William E.)
- Sharp, Minnie E., executrix. (See Taylor, S. O., and Strid.)
- Sharp, Minnie E., executrix. (See Weaver, Harry C.)
- Sharp, Petrea C., Bashaw, Alberta, Canada. Embroidery kit. 2,016,181; Oct. 1.
- Sharp, Robert C., Cleveland, assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 1,997,754; Apr. 16.
- Sharp, Robert E. E., Philadelphia, Pa., assignor to Baldwin-Southark Corporation. Plate steel head cover. 1,987,082; Jan. 8.
- Sharp, Thomas, Chicago, assignor to L. S. Aldrich, Winnetka, Ill. Potato cooking machine. 2,026,003; Dec. 31.
- Sharp, William E. (See Taylor, S. O., and Strid, assignors.)
- Sharp, William E. (See Weaver, Harry C., assignor.)
- Sharp, William E., deceased Chicago, Ill., M. E. Sharp, executrix. Making tight fitting nuts. 2,007,310; July 9.
- Sharp, William E., deceased, Chicago, Ill., M. E. Sharp, executrix. Combination dry cleaning and fluid reclaiming machine. 2,007,881; July 9.
- Sharp, William E., deceased, Chicago, Ill., M. E. Sharp, executrix. Cleaning fluid. 2,010,038; Aug. 6.
- Sharp, William E., Chicago, Ill., deceased, M. E. Sharp, executrix of the estate. Chlorinated hydrocarbons and process of manufacture. 2,010,039; Aug. 6.
- Sharp, William E., deceased, Chicago, Ill., M. E. Sharp, executrix. Exerciser. 2,015,320; Sept. 24.
- Sharpe, Charles E., Kenmore, N. Y. Hanger. 2,006,033; June 25.
- Sharpe, Donald B. (See Nelson, C. S., and Sharpe.)
- Sharpe, Elmer, Detroit, Mich. Cultivator implement attachment. 1,999,917; Apr. 30.
- Sharpe, John S., Haverford, Pa. Mechanical transmission mechanism. 1,991,124; Feb. 12.
- Sharpe, John S., Haverford, Pa. Transmission. 2,016,182; Oct. 1.
- Sharpe, Peter F., Atlantic City, N. J. Universal shaft connection. 2,000,997; May 14.
- Sharpe, Reginald J., and E. Pekonen, assignors of one-third to H. Paulson, Chisholm, Minn. Electric calendar. 1,992,508; Feb. 26.
- Sharpe, Vernon W., and J. A. Castor, assignors to Robbins & Myers, Inc., Springfield, Ohio. Fan and the like. 2,014,032; Sept. 10.
- Sharples, Philip T., Merion, assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Protection of vegetable matter against injurious animal life. 2,019,275; Oct. 29.
- Sharples Solvents Corporation, The. (See Clark, L. H., and Worster, assignors.)
- Sharples Solvents Corporation, The. (See Olin, John F., assignor.)
- Sharples Solvents Corporation, The. (See Sharples, Philip T., assignor.)
- Sharples Solvents Corporation, The. (See Thomas, Charles A., assignor.)
- Sharples Solvents Corporation, The. (See Thomas, C. A., and Grosscup, assignors.)
- Sharples Solvents Corporation, The. (See Wilson, Melville M., assignor.)
- Sharples Specialty Company, The. (See Ambler, Charles M., Jr., assignor.)
- Sharples Specialty Company. (See Brewer, Nathaniel, assignor.)
- Sharples Specialty Company, The. (See Jones, Leo D., assignor.)
- Sharples Specialty Company. (See Jones, L. D., and James, assignors.)
- Sharples Specialty Company, The. (See Scott, Ashton T., assignor.)
- Sharpnack, Roy S. (See Taylor, J. E., and Sharpnack.)
- Sharpville Boiler Works Co. (See Fagan, Charles D., assignor.)
- Shartle, Ralph W. (See Freeze, J. R., and Shartle.)
- Shatkin, Aaron, Brooklyn, N. Y. Making sheet metal-ware joints. 1,995,364; Mar. 28.
- Shatkin, Aaron, Brooklyn, N. Y. Automatic copying lathe. 2,017,513; Oct. 15.
- Shaughency, Harvey C., Geistown, Pa., assignor to Sullivan Machinery Company. Pick. 2,021,900; Nov. 26.
- Shaughnessy, Erard J., assignor to Cullen-Friedstedt Company, Chicago, Ill. Grapple. 1,990,673; Feb. 12.
- Shaver, Archibald G., Chicago, Ill. Switch and signal system. 2,007,695; July 9.
- Shaver, Archibald G., Chicago, Ill. Railway train operating system. 2,024,664; Dec. 17.

- Shaver, Carl W., assignor to The Rose Patch & Label Company, Grand Rapids, Mich. Label cutting and folding mechanism. 1,991,423; Feb. 19.
- Shaver, Glen F., et al. (See Wikert, Harry E., assignor.)
- Shaver, North C., assignor to Penn Machine Company, Johnstown, Pa. Rail bond terminal. 2,019,935; Nov. 5.
- Shaw, Albert L., Corinne, Utah. Picture container. 1,998,640; Apr. 23.
- Shaw, Anne S. (See Croasdale, John P., Jr., assignor.)
- Shaw, Burt J., assignor to Fashion Park Manufacturing Corporation, Rochester, N. Y. Cloth shrinking machine. 1,988,519; Jan. 22.
- Shaw, Burt J., assignor to Fashion Park Manufacturing Corporation, Rochester, N. Y. Cloth shrinking machine. 2,005,352; June 18.
- Shaw, Burton E., Southwick, and W. H. De Lancey, Springfield, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil burner. 1,986,020; Jan. 1.
- Shaw, Burton E., Southwick, and R. E. Nest, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Air heating apparatus. 2,015,571; Sept. 24.
- Shaw, Charles P., assignor to Detroit Moulding Corporation, Detroit, Mich. Offset printing ink. 1,989,250; Jan. 29.
- Shaw, Claude, Bristol, Va. Dowel. 2,011,529; Aug. 13.
- Shaw, Elea E., Cleveland, and C. W. Chance, Cleveland Heights, Ohio. Easel. 1,989,216; Jan. 29.
- Shaw, Ernest C. (See Hagmaier, W. G., and Shaw.)
- Shaw, Ernest C., Milwaukee, and W. G. Hagmaier, West Allis, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Defiberizer. 1,987,946; Jan. 15.
- Shaw, Francis and Company Limited. (See Cooke, Rupert T., assignor.)
- Shaw, Frederick H. (See Good, Francis R., assignor.)
- Shaw, G. R. D., et al. (See Galvin, Herbert D., assignor.)
- Shaw, Harold F., assignor to F. A. Whitney Carriage Company, Leominster, Mass. Baby carriage. 1,989,026; Jan. 22.
- Shaw, Harold N., Erie, Pa. Heating device. 2,001,219; May 14.
- Shaw, Harry A., Seattle, Wash. Spring suspension. 1,998,641; Apr. 23.
- Shaw, Harry E., Elkins Park, Pa. Pole climber. 2,021,433; Nov. 19.
- Shaw, Henry A. (See Birtch, Fred W., assignor.)
- Shaw, Horace G., Denver, Colo. Dredge conveyer. 2,022,300; Nov. 26.
- Shaw, Howard L., and N. S. Hoerle, Muskegon, Mich. Hardening gray and mottled cast iron. 1,999,790; Apr. 30.
- Shaw, Howard L., Frostburg, Md. Tire retreading apparatus. 2,024,888; Dec. 17.
- Shaw, James, assignor to The Colonial Salt Company, Akron, Ohio. Pouring carton. 2,005,831; June 25.
- Shaw, John C., and R. D. Shaw, assignors to Pratt & Whitney Company, Hartford, Conn. Tracer. 2,007,899; July 9.
- Shaw, John H., assignor to Sargent & Company, New Haven, Conn. Detachable doorlock. 1,986,451; Jan. 1.
- Shaw, John H., assignor to Sargent & Company, New Haven, Conn. Cylinder lock. 1,986,453; Jan. 1.
- Shaw, John H., and J. J. Drexler, assignors to Sargent & Company, New Haven, Conn. Detachable lock mechanism. 1,986,452; Jan. 1.
- Shaw, Joseph A., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Dewatering coal sludge. 1,986,897; Jan. 8.
- Shaw, Kenneth R., assignor to United Elastic Corporation, Easthampton, Mass. Cordage. 1,989,066; Jan. 22.
- Shaw, Kenneth R., assignor to United Elastic Corporation, Easthampton, Mass. Cable end stripping machine. 1,998,391; Apr. 16.
- Shaw, Kenneth R., assignor to Easthampton Rubber Thread Co., Easthampton, Mass. Manufacture of rubber threads. 2,004,085; June 4.
- Shaw, Kenneth R., assignor to Easthampton Rubber Thread Co., Easthampton, Mass. Rubber band package. 2,012,058; Aug. 20.
- Shaw, Kenneth R., assignor to United Elastic Corporation, Easthampton, Mass. Machine for use in the manufacture of cordage. 2,018,327; Oct. 22.
- Shaw, Lester C., Alameda, assignor to one-half to Cyril M. McKee, Oakland, Calif. Changeable sign device. 2,001,115; May 14.
- Shaw-Perkins Manufacturing Company. (See Davis, A. H., Jr., and Winsborough, assignors.)
- Shaw, Robert D. (See Shaw, John C., and R. D.)
- Shaw, Robert D., assignor to Pratt & Whitney Company, Hartford, Conn. Profiling tracer. 1,996,438; Apr. 2.
- Shaw, Robert D., assignor to Pratt & Whitney Company, Hartford, Conn. Automatic template following profiling tracer. 1,996,439; Apr. 2.
- Shaw, Robert D., assignor to Pratt & Whitney Company, Hartford, Conn. Screeding machine. 2,005,508; June 18.
- Shaw, Robert D., assignor to Pratt & Whitney Company, Hartford, Conn. Electrically operated lathe. 2,005,509; June 18.
- Shaw, Robert D., Hartford, assignor to Pratt & Whitney Company, Hartford, Conn. Form turning lathe. 2,011,086; Aug. 13.
- Shaw, Ruth F., New York, N. Y. Painting composition. 2,008,043; July 16.
- Shaw, Saul, Verona, N. J. Floor construction. 2,021,434; Nov. 19.
- Shaw, Theodore A., assignor to Champion Corporation, Chicago, Ill. Fountain mop. 2,008,044; July 16.
- Shaw, Thomas F. G. (See Blaikie, K. G., Morrison and Shaw.)
- Shaw-Walker Company, The. (See Bourdon, Russell G., assignor.)
- Shaw-Walker Company, The. (See Hunter, David E., assignor.)
- Shaw-Walker Company, The. (See Walker, L. H., and Hunter, assignors.)
- Shaw, William S., Grand Rapids, Mich. Machine to roll press leather. 1,990,005; Feb. 5.
- Shaw, William S., Boyne City, Mich. Freezing machine. 1,994,233; Mar. 12.
- Shaw, William W., Augusta, Maine. Nonrefillable bottle. 2,011,457; Aug. 13.
- Shawinigan Chemicals Limited. (See Irany, Ernest P., assignor.)
- Shawmut Engineering Company. (See Hathaway, Edgar F., assignor.)
- Shawn, George B., Attleboro, Mass., assignor, by mesne assignments, to General Electric Company. Gas burner control. 2,011,779; Aug. 20.
- Shea, Edward J., Brooklyn, N. Y. Hinge lock. 1,997,239; Apr. 9.
- Shea, James J., assignor to United States Envelope Company, Springfield, Mass. Making bags. 2,012,357; Aug. 27.
- Shea, Jerry L., Shreveport, La., assignor to The Texas Company, New York, N. Y. Rod line coupling. 2,009,718; July 30.
- Shea, Joseph H., Baldwin, N. Y., assignor to F. Griswold, Jr., trustee. Printing. 2,022,156; Nov. 26.
- Shea, Joseph L., Nashua, N. H., assignor to General Electric Company. Automatic series cut-out switch. 1,998,335; Apr. 16.
- Sheaffer, W. A., Pen Company. (See Cuthbert, William R., assignor.)
- Sheahan, Joseph F. (See Erke, Herman L. and E. G., assignors.)
- Shear, Frank K., Ravena, N. Y. Internal combustion motor. 2,006,117; June 25.
- Sheard, Charles, and A. N. Porter, Rochester, Minn., assignors to The Chemical Foundation Incorporated, New York, N. Y. Artificial larynx. 1,993,076; Mar. 5.
- Sheard, Charles, and R. Halstead, Rochester, Minn., assignors to The Chemical Foundation, Incorporated, New York, N. Y. Electromotive thermometry. 2,025,534; Dec. 24.
- Shearer, Raymond B., Belle Vernon, Pa., assignor to The American Steel and Wire Company of New Jersey. Support. 2,025,004; Dec. 17.
- Shearer, Thomas W. (See Heard, Joseph H., assignor.)
- Shearer, William J., Elmhurst, N. Y. Electrical connector. 2,005,441; June 18.
- Shearman, George F., Chicago, Ill. Nail. 2,007,311; July 9.
- Shearman, George F., Chicago, assignor of 50 percent to W. E. Boyington, Chicago, Ill. Making nails. 2,007,312; July 9.
- Shearwood, Robert L., Stockton-on-Tees, England. Closure for bottled or canned preserves and other comestibles. 1,996,554; Apr. 2.
- Sheats, John H., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 1,995,438; Mar. 26.
- Shedd, Harry M., Elizabeth, N. J. Identifying articles of manufacture and a blank for use in the same. 1,992,779; Feb. 26.
- Shedd, Henry D., Jr., Rochester, N. Y. Loose leaf binder. 2,010,418; Aug. 6.
- Shedden, Frank. (See Glover, W. H., and Shedden.)
- Sheehan, William M. (See Hallquist, E. G., and Sheehan.)
- Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Vehicle. 2,001,751; May 21.
- Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Vehicle. 2,002,356; May 21.
- Sheehan, William M., Merion, and A. C. Wintenberg, Drexel Hill, Pa., assignors to General Steel Castings Corporation, Granite City, Ill. Railway vehicle truck frame. 2,011,017; Aug. 13.
- Sheehy, James R., Orlando, Fla. Tube closure. 2,009,027; July 23.
- Sheeler, Walter L., Vancouver, British Columbia, Canada. Venturi flotation method. 2,002,964; May 28.
- Sheet Polarizer Company. (See Land, Edwin H., assignor.)
- Sheets, Barton R., assignor to Gardner-Denver Company, Denver, Colo. Feeding mechanism for rock drills. 2,025,551; Dec. 24.
- Sheffield, Cyril C., and G. Clarke, Leicester, England, assignors to Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 2,001,289; May 14.
- Sheffield Farms Company, Inc. (See Chappell, Frank L., assignor.)
- Sheffield Machine and Tool Company, The. (See Mackenzie, Francis W., assignor.)
- Sheffield Steel Corporation. (See McFarland, Frank R., assignor.)

- Sheffield, William M. (See Bisbee, S., Parsons, and Sheffield.)
- Shefstead, Guy O., Craig, Colo., assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 2,023,619; Dec. 10.
- Shehan, Samuel J. (See Price, J. E., and Shehan.)
- Shehan, William E., and G. Bell, Los Angeles, Calif. Mounting for wind wings. 1,997,086; Apr. 9.
- Sheinberg, Edward S. (See Eischman, Max, assignor.)
- Shekter, Abraham J., Jamaica, N. Y. Electric switch mechanism. 2,000,648; May 7.
- Shelby Metal Products Company, The. (See Hoffman, Laurence N., assignor.)
- Shelby, Noble P. (See Rodgers, S. M. and Shelby.)
- Sheldon Electric Corporation. (See Sheldon, Harold H., assignor.)
- Sheldon, Frank D., assignor to O. P. Sheldon, Chicago, Ill. Automatic thermostatic circuit breaker and maker. 2,013,011; Sept. 3.
- Sheldon, Harold H., Yonkers, assignor to Sheldon Electric Corporation, New York, N. Y. Apparatus for comparing color effects. 2,022,326; Nov. 26.
- Sheldon, Harold H., Yonkers, assignor to Sheldon Electric Corporation, New York, N. Y. Apparatus for the comparison of colors. 2,022,327; Nov. 26.
- Sheldon, Howard W., Haddonfield, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for contacting liquids. 2,009,347; July 23.
- Sheldon, Lucian A., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid generator. 2,011,423; Aug. 13.
- Sheldon, Olive P. (See Sheldon, Frank D., assignor.)
- Sheldon, William O., Lakewood, Ohio. Metal lumber. 1,997,876; Apr. 16.
- Shelgren, Walter F., Bradford, Pa. Patty forming machine. 1,987,029; Jan. 8.
- Shelgren, Walter F., Bradford, Pa. Patty forming machine. 1,987,030; Jan. 8.
- Shell Development Company. (See Alexandroff, Peter, assignor.)
- Shell Development Company. (See Bacon, Russell R., assignor.)
- Shell Development Company. (See Bailey, T. L., and Wiebusch, assignors.)
- Shell Development Company. (See Bent, F. A., and Miller, assignors.)
- Shell Development Company. (See Boerlage, Gerrit D., assignor.)
- Shell Development Company. (See Carney, B. R., and Crosby, assignors.)
- Shell Development Company. (See Carney, Samuel C., assignor.)
- Shell Development Company. (See Caudri, Johan F. M., assignor.)
- Shell Development Company. (See Clulow, Frederick S., assignor.)
- Shell Development Company. (See Davisson, D. W., Welke, and Maynard, assignors.)
- Shell Development Company. (See Deanesly, Richard M., assignor.)
- Shell Development Company. (See Deansely, R. M., and Engs, assignors.)
- Shell Development Company. (See de Bruyn, Cornelis B., assignor.)
- Shell Development Company. (See de Simo, Martin, assignor.)
- Shell Development Company. (See Edlund, K. R., and Evans, assignors.)
- Shell Development Company. (See Engs, W., and Moravec, assignors.)
- Shell Development Company. (See Entrop, Johan, assignor.)
- Shell Development Company. (See Evans, T., and Edlund, assignors.)
- Shell Development Company. (See Frenkel, Gustav A., assignor.)
- Shell Development Company. (See Groll, Herbert, P. A.)
- Shell Development Company. (See Groll, H. P. A., and Tamele, assignors.)
- Shell Development Company. (See Hill, L. R., Raymond, and Sanders, assignors.)
- Shell Development Company. (See Hofsaesz, Max, assignor.)
- Shell Development Company. (See Hund, W. J., and Rosenstein, assignors.)
- Shell Development Company. (See Huyser, Hendrik W., assignor.)
- Shell Development Company. (See Huyser, H. W., and van Melsen, assignors.)
- Shell Development Company. (See Janssen, Hendrik J. J., assignor.)
- Shell Development Company. (See Kautter, Carl T., assignor.)
- Shell Development Company. (See Kramer, Gustav A., assignor.)
- Shell Development Company. (See Krekeler, Karl, assignor.)
- Shell Development Company. (See Lacomble, Antoine E., assignor.)
- Shell Development Company. (See Langedijk, Siegfried L.)
- Shell Development Company. (See Limburg, Hijman, assignor.)
- Shell Development Company. (See Lorang, H. F. J., and van der Sluijs, assignors.)
- Shell Development Company. (See Malherbe, Gideon J., assignor.)
- Shell Development Company. (See Malishev, Boris, assignor.)
- Shell Development Company. (See Max, Nicolaas, assignor.)
- Shell Development Company. (See Meyer, Martinus A., assignor.)
- Shell Development Company. (See Millar, R. W., and Steck, assignors.)
- Shell Development Company. (See Moravec, R. Z., and Engs, assignors.)
- Shell Development Company. (See Moser, Franz R., assignor.)
- Shell Development Company. (See Prikel, Gottfried, assignor.)
- Shell Development Company. (See Pyzel, Daniel, assignor.)
- Shell Development Company. (See Pyzel, Ewald, assignor.)
- Shell Development Company. (See Pyzel, E., and Tillmann, assignors.)
- Shell Development Company. (See Pyzel, Frederic M., assignor.)
- Shell Development Company. (See Pyzel, F. M., and Ruys, assignors.)
- Shell Development Company. (See Rosenstein, Ludwig, assignor.)
- Shell Development Company. (See Ruys, Jan D., assignor.)
- Shell Development Company. (See Smith, Sydney S., assignor.)
- Shell Development Company. (See Snyder, Loilor J., assignor.)
- Shell Development Company. (See Straatman, Alphons G. H., assignor.)
- Shell Development Company. (See Swerissen, Herman T., assignor.)
- Shell Development Company. (See Taylor, J. F. M., and Lounsbury, assignors.)
- Shell Development Company. (See Uhde, Georg F., assignor.)
- Shell Development Company. (See van Dijck, Willem J. D., assignor.)
- Shell Development Company. (See van Dijck, W. J. D., and Hoogendam, assignors.)
- Shell Development Company. (See van Melsen, J. A., and Langedijk, assignors.)
- Shell Development Company. (See van Peski, Adrianus J., assignor.)
- Shell Development Company. (See van Peski, A. J., and Langedijk, assignors.)
- Shell Development Company. (See Waterman, Hein I., assignor.)
- Shell Development Company. (See Yates, Wallace J., assignor.)
- Shellenberger, Rolfe. (See Bailey, E. G., and Shellenberger.)
- Shellenberger, Rolfe. (See Godshalk, R. L., and Shellenberger.)
- Shellenberger, Rolfe, Westfield, N. J., assignor to Fuller Lehigh Company, New York, N. Y. Ledge block. 1,986,670; Jan. 1.
- Shelleng, John C., Interlaken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Volume control circuit. 2,019,637; Nov. 5.
- Sheller Manufacturing Corporation. (See Burgess, Magnus M., assignor.)
- Shelley, James H., Beverly Hills, Calif., assignor to California Fruit Wrapping Mills. Apparatus for holding sanitary seat covers. 2,007,461; July 9.
- Shellmar Products Company. (See Gurwick, Irving, assignor.)
- Shellmar Products Company. (See Miller, Walter K., assignor.)
- Shellmar Products Company. (See Nydegger, George C., assignor.)
- Shellwood-Johnson Company, The. (See Schellens, Eugene L., assignor.)
- Shelmire, Stanley R., assignor to Standard-Trump Bros. Machine Company, Laconia, N. H. Knitting machine. 2,000,194; May 7.
- Shelmire, Stanley R., assignor to Standard-Trump Bros. Machine Company, Wilmington, Del. Knitting method and machine. 2,006,414; July 2.
- Shelmire, Stanley R., assignor to Standard-Trump Bros. Machine Company, Wilmington, Del. Knitting machine. 2,016,055; Oct. 1.
- Shelor, Frederick L., assignor to S. and S. Engineering Company, Richmond, Va. Air cooling apparatus. 1,991,581; Feb. 19.
- Shelor, Frederick L., assignor to Innovation Brakes, Inc., Richmond, Va. Braking mechanism for motor vehicles. 2,021,266; Nov. 19.
- Shelton, Cyrus I., Perry, Ga. Basket. 2,009,527; July 30.
- Shelton, Hilary S., Winston-Salem, N. C. Canopy frame. 2,015,321; Sept. 24.
- Shelton-Jancke Corporation. (See Jancke, Benno F., assignor.)
- Shelton, Robert R., assignor to F. J. Nolan, Chattanooga, Tenn. Spark plug cleaning device. 1,987,374; Jan. 8.

- Shemwell, Dermot, Lexington, and R. S. Webb, Winston-Salem, N. C., assignors, by mesne assignments, to Decarie Incinerator Corporation, New York, N. Y. Incineration. 1,991,986; Feb. 19.
- Shemwell, Floyd. (See Steele, W. C., and Empson, assignors.)
- Shenandoah Manufacturing Company. (See Martin, Perry S., assignor.)
- Shenton, Francis, assignor to Frick Company, Waynesboro, Pa. Electrically operated valve. 1,989,341; Jan. 29.
- Shenton, Francis, assignor to Frick Company, Waynesboro, Pa. Shaft seal. 2,020,436; Nov. 12.
- Shepard, B. Chaffey, et al. (See Anglemeyer, Herman B., assignor.)
- Shepard, Carl F. (See Mendelsohn, W. A., and Shepard.)
- Shepard, David A. (See Howard, F. A., Shepard, and Fisher.)
- Shepard, David A., Elizabeth, N. J., assignor to Standard Oil Development Company. Catalyst roasting plant. 1,998,401; Apr. 16.
- Shepard, David C. (See Heller, Walter E., assignor.)
- Shepard, David C. (See Lee, Bess B., assignor.)
- Shepard, David C. (See Smith, Swan, assignor.)
- Shepard, David C., St. Paul, Minn. Laminated container. 1,995,521; Mar. 26.
- Shepard, Ernest L., Fairfield, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine. Pack for fragile articles. 2,014,091; Sept. 10.
- Shepard, Francis H., Jr., Rutherford, N. J., assignor to Radio Corporation of America. Photoelectric apparatus. 2,014,786; Sept. 17.
- Shepherd, Sidney, East Bridgford, Near Bingham, England. Yarn packaging machine. 2,008,473; July 16.
- Shepherd, Allan T., Richmond, Va. Apparatus for recovering heat from waste water. 1,989,340; Jan. 29.
- Shepherd, Charles B., New York, N. Y., assignor to The P & M Company, Chicago, Ill. Rail anchor. 2,003,395; June 4.
- Shepherd, Harold F., assignor to Cooper-Bessemer Corporation, Mount Vernon, Ohio. Engine fuel regulator. 1,996,555; Apr. 2.
- Shepherd, John E., and R. D. York, assignors to National Cold Steam Company, Charlottesville, Va. Impregnating materials. 1,998,100; Apr. 16.
- Shepherd, Laurence C., Evanston, Ill., assignor to Hynson, Westcott & Dunning, Incorporated, Baltimore, Md. Applicator. 1,999,642; Apr. 30.
- Shepherd, Le Vern. (See Manning, H. H., and Shepherd.)
- Shepherd, Thomas L., Brighton, England. Shirt and collar. 2,023,390; Dec. 3.
- Shepherd, Thomas L., Brighton, England. Shirt and collar. 2,023,391; Dec. 3.
- Shepherd, William, F. T. Saunders, and H. J. Hartridge, Brooklyn, N. Y. Shuffling device. 1,998,690; Apr. 23.
- Sheppard, Allen G., Elmira, N. Y., assignor to American-LaFrance and Foamite Corporation. Pumping system. 2,021,613; Nov. 19.
- Sheppard, Charles E., New York, N. Y. Temporary binder. 1,993,810; Mar. 12.
- Sheppard, Harry N., Maplewood, N. J., assignor to Scott & Williams, Incorporated, New York, N. Y. Knitting machine. 2,008,599; July 16.
- Sheppard, Joel F., assignor to U. P. M.-Kidder Press Co., Inc., Dover, N. H. Printing press. 2,004,801; June 11.
- Sheppard, Joel F., F. C. Stevens, and C. G. Lindbom, assignors to U. P. M.-Kidder Press Co., Inc., Dover, N. H. Bronzing machine. 1,998,466; Apr. 23.
- Sheppard, John J., Flint, Mich. Weather strip. 2,005,825; June 25.
- Sheppard, Richard H. (See Devener, R. F., and Sheppard.)
- Sheppard, Samuel E., and J. H. Hudson, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y. Compressed foam gelatin. 2,000,042; May 7.
- Sheppard, Samuel E., and L. W. Eberlin, assignors to Eastman Kodak Company, Rochester, N. Y. Communion of cellulosic materials. 2,014,074; Sept. 10.
- Sheppard, Samuel E., and W. Vanselow, assignors to Eastman Kodak Company, Rochester, N. Y. Sensitive photographic material. 2,019,737; Nov. 5.
- Sher, Samuel W., Chicago, Ill. Shade. 1,989,384; Jan. 29.
- Shera, John W., assignor to American Flange & Manufacturing Company, Chicago, Ill. Closure structure for metallic containers. 1,997,202; Apr. 9.
- Shera, John W., assignor to American Flange & Manufacturing Co., Chicago, Ill. Closure structure for containers. 1,997,203; Apr. 9.
- Sherbondy, William E., Shaker Heights, Ohio. Vanity case. 2,014,266; Sept. 10.
- Sheridan, Beecher I., Columbus, Ohio. Surveyor's target. 2,010,737; Aug. 6.
- Sheridan, Donald R., Los Angeles, Calif. Oil well drilling apparatus. 2,013,070; Sept. 3.
- Sheridan Iron Works, The. (See Bredenberg, Alfred, assignor.)
- Sheridan Iron Works, The, et al. (See Hawkes, Thomas B., assignor.)
- Sheridan, Leslie M., Copper Cliff, Ontario, Canada. Speed variator. 2,014,954; Sept. 17.
- Sheridan, T. W., & C. B., Company. (See Bredenberg, Alfred, assignor.)
- Sheridan, T. W. & C. B., Company. (See Castellane, Charles, assignor.)
- Sheridan, T. W., & C. B., Company, et al. (See Hawkes, Thomas B., assignor.)
- Sheridan, T. W., & C. B., Company. (See Kleineberg, Paul E., assignor.)
- Sherman, Arthur G. S., Detroit, Mich. Two cycle engine. 2,006,656; July 2.
- Sherman, Clarence E., and H. P. Boak, Denver, Colo. Oil testing device. 2,019,024; Oct. 29.
- Sherman, David, Kansas City, Mo. Shank stiffener and adjustable metatarsal support. 2,018,386; Oct. 22.
- Sherman, Donald W., Shorewood, and A. G. Schilberg, assignors to A. O. Smith Corporation, Milwaukee, Wis. Making welded irregular shaped hollow articles. 2,011,121; Aug. 13.
- Sherman, Francis H., Palmer, Mass. Package for fragile articles. 1,991,424; Feb. 19.
- Sherman, Francis H., Palmer, Mass. Packing means for fragile articles. 1,991,425; Feb. 19.
- Sherman, Fred S., Somerville, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Securing together pieces of stock. 1,992,968; Mar. 5.
- Sherman, Gertrude C., San Francisco, Calif. Table attachment. 2,025,312; Dec. 24.
- Sherman, H. B. Manufacturing Company. (See Hanlan, Frederick, assignor.)
- Sherman, James M., Ithaca, N. Y., and N. M. Erb, Pasadena, Md., assignors to U. S. Industrial Alcohol Co., New York, N. Y. Manufacture of solvents. 2,017,572; Oct. 15.
- Sherman, John C. (See Talbot, Samuel H., assignor.)
- Sherman, John C., Gorham, Maine. Fountain pen. 1,986,372; Jan. 1.
- Sherman, John C., Gorham, Maine, assignor to Brown Company, Berlin, N. H. Manufacture of roofing or siding material. 1,995,904; Mar. 26.
- Sherman, John C., Gorham, Maine, assignor to Brown Company, Berlin, N. H. Fiber gear. 1,999,062; Apr. 23.
- Sherman, John Q. (See Miller, Frederick E., assignor.)
- Sherman, John Q., Dayton, Ohio. Manifolding apparatus. 1,987,131; Jan. 8.
- Sherman, John Q., Dayton, Ohio. Folding umbrella. 1,998,291; Apr. 16.
- Sherman, John Q., Dayton, Ohio. Transfer material stripper. 2,000,100; May 7.
- Sherman, John Q., Dayton, Ohio. Pin feed platen roll. 2,000,651; May 7.
- Sherman, John Q., Dayton, Ohio. Paper handling. 2,004,395; June 11.
- Sherman, John Q., Dayton, Ohio. Justifying type lines. 2,009,860; July 30.
- Sherman, John Q., Dayton, Ohio. Typewriter attachment. 2,012,484; Aug. 27.
- Sherman, John Q., Dayton, Ohio. Continuous feed envelope assembly. 2,013,844; Sept. 10.
- Sherman, John Q., Dayton, Ohio. Protected record file. 2,014,267; Sept. 10.
- Sherman, John Q., Dayton, Ohio. Automatic manifolding collator and carbon assembly. 2,021,391; Nov. 19.
- Sherman, John Q., Dayton, Ohio, assignor to The Standard Register Company. Pin feed platen roll. 2,000,649; May 7.
- Sherman, John Q., and A. W. Metzner, Dayton, Ohio; said Metzner assignor to said Sherman. Multipin wheel platen. 2,000,650; May 7.
- Sherman, John Q., and A. W. Metzner, Dayton, Ohio, said Metzner assignor to said Sherman. Pin feed platen roll. 2,012,289; Aug. 27.
- Sherman, John Q., and A. W. Metzner, Dayton, Ohio, said Metzner assignor to said Sherman. Paper receiving carriage. 2,020,805; Nov. 12.
- Sherman, Louie A., Alton, assignor to Western Cartridge Company, East Alton, Ill. Target trap. 2,011,830; Aug. 20.
- Sherman, Rallston M., Glastonbury, assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Charging barometric feed devices. 2,000,354; May 7.
- Sherman, Rallston M., Glastonbury, and F. F. Neumann, West Hartford, assignors to The Silent Glow Oil Burner Corporation, Hartford, Conn. Burner. 2,022,871; Dec. 3.
- Sherman, Ralph L., Downers Grove, assignor to The Myers-Sherman Company, Chicago, Ill. Hammer mill. 2,008,841; July 23.
- Sherman, Ralph P., assignor to Hughes Tool Company, Houston, Tex. Lubricating device for valve stems. 2,011,087; Aug. 13.
- Sherman, Ray C., Seattle, Wash., assignor to Isaacson Iron Works. Road grading machine. 2,020,533; Nov. 12.
- Sherman, Ray W., Flushing, N. Y. Collapsible container and closure therefor. 2,013,527; Sept. 3.
- Sherman, Russell J., Bloomfield, N. J. Marine exploration apparatus. 2,019,059; Oct. 29.
- Sherman, Thomas L. (See Larkin, E. T., and Sherman.)
- Sherman, Thomas L., Buffalo, assignor to Michell-Crankless Engines Corporation, New York, N. Y. Crankless mechanism. 1,997,396; Apr. 9.
- Sherman, Thomas L., assignor to Michell-Crankless Engines Corporation, New York, N. Y. Crankless mechanism. 2,014,702; Sept. 17.
- Sherman, Walter P., Jackson Heights, N. Y. Die casting machine. 2,011,378; Aug. 13.

- Sherman, William, Vineland, N. J., assignor of one-half to J. Levert, Wrightville, Quebec, Canada, and one-half to Coast Auto Parts Co., Absecon, N. J. Distributor cap. 1,996,440; Apr. 2.
- Sherover, Max, New York, N. Y. Air ventilated sanitary mattress. 1,994,234; Mar. 12.
- Sherrell, Richard M., Evanston, Ill., assignor to Central Scientific Company. Electric discharge device. 1,987,754; Jan. 15.
- Sherrell, Taylor A. (See Anderson, Bennie W., assignor.)
- Sherritt, John L., Montgomery, Ohio. Instrument for locating anchors for telephone poles and the like. 2,008,113; July 16.
- Sherron, Percival H., Jamaica, N. Y. Telephone booth. 2,013,718; Sept. 10.
- Sherwin-Williams Company. (See Barroll, Henry E., assignor.)
- Sherwin-Williams Company, The. (See Todd, J. D., and Owens, assignors.)
- Sherwin-Williams Company. (See Todd, J. D., and Silverman, assignors.)
- Sherwood, Glenn L., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Composite metal strip and making same. 1,999,114; Apr. 23.
- Sherwood, Jacob L. (See Kohut, Michael J., assignor.)
- Sherwood, Mather W. (See Hanna, J. C., and Sherwood.)
- Sherwood, Robert G., assignor to Corning Glass Works, Corning, N. Y. Cartridge fuse. 2,007,513; July 9.
- Sherwood, Robert G., assignor to Corning Glass Works, Corning, N. Y. Heat treating glass articles. 2,009,748; July 30.
- Shetzline, Walter F., Los Angeles, Calif. Automobile window operating means. 2,003,614; June 4.
- Sheward, Howard A., Janesville, Wis. Electrical connection. 2,007,617; July 9.
- Shewell, Wilfrid, and H. A. Cherry, Northfield, Birmingham, assignors to Morland & Impey Limited, Birmingham, England. Loose leaf binder. 2,004,837; June 11.
- Shibe, Thomas S., Philadelphia, Pa., assignor to A. G. Spalding & Bros., New York, N. Y. Baseball mask. 2,020,248; Nov. 5.
- Shibe, Thomas S., Philadelphia, Pa., assignor to A. G. Spalding & Bros., New York, N. Y. Baseball mask. 2,020,249; Nov. 5.
- Shiel, John B., Glen Head, and A. G. Lang, Whitestone, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 1,990,569; Feb. 12.
- Shield, Paul S., assignor to A. Davis, Jr., Cincinnati, Ohio. Fluid pressure control system for valves. 2,009,638; July 30.
- Shield, Paul S., assignor to A. Davis, Jr., Cincinnati, Ohio. Hydraulic valve system for tanks. 2,009,639; July 30.
- Shield, Paul S., assignor to Augustine Davis, Jr., Cincinnati, Ohio. Filling of truck tanks. 2,013,510; Sept. 3.
- Shields, Edward, El Paso, Tex. Railway track cleaner. 1,998,851; Apr. 23.
- Shields, Harry A., deceased, E. Richards, administrator, assignor to Grand Rapids Textile Machinery Company, Grand Rapids, Mich. Knitting machine. 1,996,594; Apr. 2.
- Shields, Harry A., deceased, Grand Rapids, Mich., E. Richards, administrator, assignor to Grand Rapids Textile Machinery Company, Grand Rapids, Mich. Latch needle pattern attachment. 2,014,213; Sept. 10.
- Shields, John M., assignor to F. H. Noble & Co., Chicago, Ill. Sheet metal box. 2,023,978; Dec. 10.
- Shields, Lowell W., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Shaker top. 2,011,122; Aug. 13.
- Shields, Lowell W., assignor to The Hickok Manufacturing Company, Inc., Rochester, N. Y. Brace buckle. 2,011,458; Aug. 13.
- Shields, William C., Bombay, N. Y. Pasting machine. 2,007,882; July 9.
- Shiffner, William H., and M. M. Holm, Berkeley, and W. P. Anderson, Richmond, assignors to Standard Oil Company of California, San Francisco, Calif. Producing isopropyl alcohol from propylene. 1,988,611; Jan. 22.
- Shiffner, William H., and R. C. Mithoff, Berkeley, Calif., assignors to Standard Oil Company of California, San Francisco, Calif. Azeotropic drying of mixtures of water and alcohols or ketones. 2,000,043; May 7.
- Shiffman, Jerome, and H. Gross, New York, N. Y. Display box. 1,989,159; Jan. 29.
- Shiffman, Jerome, New York, N. Y. Machine for cutting, shaping, and bevelling watch crystals and the like. 1,991,231; Feb. 12.
- Shiki, Bunzo, Ogden, Utah. Celery hiller. 2,019,238; Oct. 29.
- Shiley, Elmer C., Mount Union, assignor to J. W. Wetter, Phillipsburg, receiver for Rockhill Coal & Iron Company, Robertsdale, Pa. Crusher. 2,005,758; June 25.
- Shilkoff, Jacob, New York, N. Y. Engraving machine. 1,991,963; Feb. 19.
- Shillaber, Charles P., New York, N. Y., assignor to Quigley Company, Inc. Apparatus for reclaiming crank-case oil. 2,012,695; Aug. 27.
- Shillenn, Phillip A., Camden, N. J., assignor to Radio Corporation of America. Duplicator fluid. 1,996,125; Apr. 2.
- Shilling, Ernest O. (See Erb, P. A., and Shilling.)
- Shillinger, Clare B., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Glassware forming machine. 2,016,393; Oct. 8.
- Shilson, Bernard W., and H. Cantrill, assignors to Armstrong Siddeley Motors Limited, Coventry, England. Stopping internal-combustion engines. 2,011,123; Aug. 13.
- Shimek, Edwin J., Houston, Tex. Load indicator. 2,013,810; Sept. 10.
- Shimek, Lena. (See Powers, George W., assignor.)
- Shimer, John M., Wilkesburg, assignor to Wilson-Snyder Manufacturing Corporation, Braddock, Pa. Twin cylinder steam engine. 2,012,778; Aug. 27.
- Shimer, William R., Bethlehem, J. A. Kinney and F. O. Kichline, Lebanon, Pa., assignors to Bethlehem Steel Company. Metal article and preparing same. 2,003,094; May 28.
- Shimwell, Oliver, Gawsworth, England. Slay sole for looms. 2,020,742; Nov. 12.
- Shindel, Harry F. (See Willson, F., and Shindel.)
- Shindel, Harry F., assignor to Willson Products, Inc., Reading, Pa. Respirator bag and assembly. 2,009,073; July 23.
- Shindel, Harry F., assignor to Willson Products, Inc., Reading, Pa. Check valve for respirators. 2,011,088; Aug. 13.
- Shindel, Harry F., assignor to Willson Products, Inc., Reading, Pa. Face-conforming respirator mask. 2,011,733; Aug. 20.
- Shindel, Harry F., and T. A. Willson, Reading, assignors to Willson Products, Inc., Reading, Pa. Goggle. 2,009,528; July 30.
- Shine, Thomas, U. S. Navy, Norfolk, Va. Baby bottle holder. 1,987,132; Jan. 8.
- Shinkle, Seaphes D., Passaic, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Plastic, elastic material and making the same. 2,016,026; Oct. 1.
- Shinkle, Seaphes D., Passaic, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Composition comprising rubber and plastic elastic material. 2,016,027; Oct. 1.
- Shinn, Edward T., Harrison, N. J. Foundation boring machine. 1,999,115; Apr. 23.
- Shinn, Frank G. (See Rice, W. A., and Shinn.)
- Shinn, Franklin H., Norwood, N. C. Twisting and winding apparatus. 2,002,590; May 28.
- Shinn, John V., Flushing, and T. Cummings, Brooklyn, assignors to General Chemical Company, New York, N. Y. Manufacture of acid compositions. 2,003,907; June 4.
- Shinn, La Delphia, Albuquerque, N. Mex. Parking stall for vehicles. 2,015,607; Sept. 24.
- Shinn, Lyle B., assignor to Chicago Lock Company, Chicago, Ill. Coin chute. 1,991,250; Feb. 12.
- Ship Control Corporation. (See Elicke, Ferdinand, assignor.)
- Shipley, Bernis M., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,994,539; Mar. 19.
- Shipley, Bernis M., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,000,101; May 7.
- Shipley, Bernis M., assignor to The National Cash Register Company, Dayton, Ohio. Lever interlock for cash registers. 2,008,159; July 16.
- Shipley, Grant B., Pittsburgh, Pa. Wood preserving apparatus. 2,006,777; July 2.
- Shipley, Grant B., assignor to The Wood Preserving Corporation, Pittsburgh, Pa. Adzing and boring machine. 2,000,458; May 7.
- Shipley, Roy A., assignor to National Fireproofing Corporation, Pittsburgh, Pa. Conduit and making the same. 2,001,816; May 14.
- Shipley, Sylvanus C., assignor to Minneapolis-Honeywell Regulating Company, Minneapolis, Minn. Electrical resistance apparatus. 2,023,748; Dec. 10.
- Shipley, William S., assignor of one-fourth to Scott M. Baublits, Ada, Okla. Milk bottle carrier. 2,007,064; July 2.
- Shipman, Bennet C., San Mateo, Calif. Suction cleaner. 2,012,640; Aug. 27.
- Shipman, Thomas J., assignor of one-fourth to B. E. Province, Kansas City, Mo. Wall paper automatic paster and trimmer. 2,014,817; Sept. 17.
- Shipp, Robert C., East Orange, N. J., assignor to Westinghouse Lamp Company. Wire-drawing die. 2,003,475; June 4.
- Shippee, Charles W., Worcester, Mass. Bucket excavator and loader. 2,008,190; July 16.
- Shippee, Charles W., Worcester, Mass. Excavator and loader. 2,017,477; Oct. 15.
- Shippy, Leo C. (See Holmes, J. Q., and Shippy.)
- Shippy, Leo C., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Making a knob. 1,986,374; Jan. 1.
- Shippy, Leo C., and L. G. Malone, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Armature winding apparatus. 1,986,373; Jan. 1.
- Shippy, Leo C., Lockport, N. Y., and J. Q. Holmes, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Fluid pressure operating means for boring machines. 2,016,654; Oct. 8.
- Shivek, Bernard. (See Vershow, H., and Shivek.)
- Shivell, Homer J., Orchard Court, Kingsport, Tenn. Pick-er checkstrap. 1,993,531; Mar. 5.

- Shively, John J., Bronxville, N. Y., assignor to Patent Engineering Corporation. Power transmitting device. 1,995,689; Mar. 26.
- Shively, John J., Brookville, Pa. Air conditioning or frosted display device. 2,014,147; Sept. 10.
- Shively, Walter L. (See Blackwood, O. H., and Shively.)
- Shively, Walter L., Wilkesburg, Pa., assignor to The Koppers Company of Delaware. Oil fog lubrication. 1,993,311; Mar. 5.
- Shivers, Paul F., Wabash, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Effective temperature controller. 1,988,877; Jan. 22.
- Shivers, Paul F., Wabash, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Potentiometer thermostat. 1,993,687; Mar. 5.
- Shlesinger, Bernard E., Irondequoit, assignor to Gleason Works, Rochester, N. Y. Method and apparatus for cutting gears. 2,006,750; July 2.
- Shoals, Frank H., Baltimore, Md., assignor to Modern Panels, Inc. Adhesive. 2,025,180; Dec. 24.
- Shodron, John G., assignor to James Manufacturing Company, Fort Atkinson, Wis. Method and apparatus for the storage, curing, and preservation of hay. 1,989,530; Jan. 29.
- Shodron, John G., assignor to James Manufacturing Company, Fort Atkinson, Wis. Method and apparatus for storing and dispensing feed. 1,995,551; Mar. 26.
- Shodron, John G., assignor to James Manufacturing Company, Fort Atkinson, Wis. Apparatus for the storage of hay. 2,000,102; May 7.
- Shodron, John G., assignor to James Manufacturing Company, Fort Atkinson, Wis. Apparatus for storage, curing, and preservation of hay. 2,000,103; May 7.
- Shodron, John G., assignor to James Manufacturing Company, Fort Atkinson, Wis. Barn. 2,003,868; June 4.
- Shodron, John G., assignor to James Manufacturing Company, Fort Atkinson, Wis. Ventilation structure. 2,014,594; Sept. 17.
- Shoe, Esta I., and F. C. Landis, Pleasant Hill, Ohio. Well drilling apparatus. 2,004,494; June 11.
- Shoe Form Co. (See DeWitt, William J., assignor.)
- Shoeld, Mark, Mount Lebanon, Pa., assignor to The Oberphos Company, Baltimore, Md. Manufacture of phosphate fertilizer. 1,986,293; Jan. 1.
- Shoeld, Mark, Mount Lebanon Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Purification and separation of gaseous mixtures. 2,002,357; May 21.
- Shoeld, Mark, Mount Lebanon Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Treatment of fuel gas to remove ammonia. 2,003,560; June 4.
- Shoemaker, Bernard H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Stabilized mineral oil. 2,012,918; Aug. 27.
- Shoemaker, Fred G., Ferndale, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Engine cylinder block. 1,996,837; Apr. 9.
- Shoemaker, Fred G., Ferndale, and G. E. Ehrling, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Engine cylinder block. 2,001,854; May 21.
- Shoemaker, Fred G., Ferndale, and H. F. Baker, Detroit, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Two-cycle engine control. 2,022,094; Nov. 26.
- Shoemaker, Frederick F. (See Wetherill, S. P., Jr., and Shoemaker.)
- Shoemaker, George E., assignor to T. R. Armstrong, Nowata, Okla., and one-third to J. P. Shoemaker, Texarkana, Tex. Combination flash light fishing rod, and frog zig. 2,012,894; Aug. 27.
- Shoemaker, Hervy B., assignor to General Motors Corporation, Detroit, Mich. Universal joint. 2,004,298; June 11.
- Shoemaker, James P., et al. (See Shoemaker, George E., assignor.)
- Shoemaker, William M., Jr., Kennett Square, Pa., assignor to National Vulcanized Fibre Company, Wilmington, Del. Process and apparatus for making laminated vulcanized fiber. 1,988,340; Jan. 15.
- Shoe Press Corporation. (See Anderson, William S., assignor.)
- Shogren, Charles A., Chicago, Ill., assignor to Chicago W. S. Mfg. Company, Inc., Chicago, Ill. Waterproof threshold. 2,010,609; Aug. 6.
- Sholden, Christian E., Minneapolis, Minn. Alarm clock. 2,026,070; Dec. 31.
- Shomaker, Wesley P. (See Jones, M. O., and Shomaker.)
- Shomaker, Wesley P., Richmond, Va. Adjustable support for endless conveyers. 1,992,046; Feb. 19.
- Shonle, Horace A., assignor to Eli Lilly and Company, Indianapolis, Ind. Secondary-heptyl ethyl barbituric acids and salts thereof. 1,996,629; Apr. 2.
- Shonle, Horace A., assignor to Eli Lilly and Company, Indianapolis, Ind. Alkyl-substituted-hexyl ethyl barbituric acid. 1,996,630; Apr. 2.
- Shonle, Horace A., assignor to Eli Lilly and Company, Indianapolis, Ind. Secondary-amyl allyl barbituric acids and salts. 1,998,101; Apr. 16.
- Shonle, Horace A., assignor to Eli Lilly and Company, Indianapolis, Ind. Secondary-amyl allyl barbituric acid and its salts. 1,998,102; Apr. 16.
- Shonle, Horace A., assignor to Eli Lilly and Company, Indianapolis, Ind. Cyclo-pentyl barbituric acids, and their salts. 2,019,936; Nov. 5.
- Shonnard, Orlando D., Upper Montclair, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Device for applying granular materials. 2,017,422; Oct. 15.
- Shoop, Francis H., W. S. Grant, and T. J. McCormick, assignors, by mesne assignments, to Therm-O-Electric Corporation, Detroit, Mich. Cordless electric iron. 1,994,877; Mar. 19.
- Shore Corporation, The. (See Smith, Walter S., assignor.)
- Shore, Henry. (See Whitaker, J. N., and Shore.)
- Shore, Henry, Elizabeth, N. J., assignor to Radio Corporation of America. Amplifier. 2,005,111; June 18.
- Short, Amy H., Brooklyn, N. Y. Collapsible bag. 2,016,520; Oct. 8.
- Short, Bladen M. (See Ferguson, A. P., and Short.)
- Short, Bladen M. (See Jandus, H. S., and Short.)
- Short, Bladen M., assignor to Lyon Cover Company, Detroit, Mich. Tire cover. 1,986,859; Jan. 8.
- Short, Bladen M., assignor to General Spring Bumper Corporation, Detroit, Mich. Bumper. 2,023,080; Dec. 3.
- Short, Charles E. (See Harlow, I. F., and Short.)
- Short, Charles R., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Structure made from comminuted materials. 1,992,548; Feb. 26.
- Short, Charles R., and R. P. Koebring, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Powdered iron and zinc alloy. 1,992,549; Feb. 26.
- Short, Edward, National City, Calif. Alarm. 2,022,943; Dec. 3.
- Short, Frank. (See Field, C., and Short.)
- Short, Frank, Poughkeepsie, N. Y., assignor to Chemical Machinery Corporation. Mercury vapor heating apparatus. 1,987,715; Jan. 15.
- Short, Harry C., Bartlesville, Okla. Shoe sole press. 2,020,743; Nov. 12.
- Short, Henry M., Penn Yan, assignor of one-half to Charles F. Robbins, Glenora, N. Y., and one-half to Peter Thompson, Penn Yan, N. Y. Reserve engine lubricating or fluid delivery apparatus. 1,997,700; Apr. 16.
- Short, J. R., Milling Company. (See Haas, L. W., and Renner, assignors.)
- Short, Robert J., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Proportioning device for liquids. 2,024,478; Dec. 17.
- Short, Robert J., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Proportioning device for fluids. 2,024,479; Dec. 17.
- Short, Robert J., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Proportioning device for fluids. 2,024,480; Dec. 17.
- Shortland, Arthur. (See Bromley, T. C., and Shortland.)
- Shortlidge, Wentworth H., West View, Pa. Card index. 1,998,173; Apr. 16.
- Shoskey, John, and S. Ritz, Walsenburg, Colo. Eyeshield for miners. 2,013,636; Sept. 3.
- Shotton, John C., Lakewood, Ohio. Instrument for the treatment of nasal passages. 2,007,287; July 9.
- Shotton, John C., Lakewood, Ohio. Pipe. 2,015,369; Sept. 24.
- Shotwell, Harold H., assignor to Operadio Manufacturing Co., St. Charles, Ill. Loud speaker. 1,995,080; Mar. 19.
- Shough, Jesse W., et al. (See Grikscheit, William, assignor.)
- Shoup-Owens, Inc. (See Owens, Clarence M., assignor.)
- Shoup-Owens, Inc. (See Peterson, Frederick J., assignor.)
- Shover, Barton R., Pittsburgh, Pa. Automatic control system for rolling mills. 1,994,290; Mar. 12.
- Shover, Barton R., Pittsburgh, Pa. Rolling mill. 2,007,815; July 9.
- Showalter, Howard L. (See Jett, H. K., and Showalter.)
- Showalter, Victor E., Elgin, Ill. Compass deviation corrector. 1,996,354; Apr. 2.
- Showers, Lee, Charleroi, and K. G. Kutchka, Wilkesburg, Pa., assignors to Pittsburgh Plate Glass Company. Glass melting furnace. 2,010,419; Aug. 6.
- Shrader, Archie C., Monessen, Pa. Casement window. 2,010,738; Aug. 6.
- Shrader's A., Son, Incorporated. (See Williams, Selden T., assignor.)
- Shriver, Hettie E., Wichita, Kans. Opening means for cigarette containers. 2,025,552; Dec. 24.
- Shroitman, Haim, Jerusalem, Palestine. Adjustable and convertible copyholder. 1,988,973; Jan. 22.
- Shrope, Jacob W. (See Beers, H. F., and Shrope.)
- Shroyer, Jacob L., Oak Park, Ill. Power testing device for automobiles. 2,009,456; July 30.
- Shroyer, Jacob L., Oak Park, Ill. Fluid pressure control system for automobile power testing devices. 2,012,109; Aug. 20.
- Shroyer, Jacob L., Oak Park, Ill. Automobile testing apparatus. 2,012,110; Aug. 20.
- Shroyer, Jacob L., Oak Park, Ill. Automobile brake testing mechanism. 2,012,142; Aug. 20.
- Shroyer, Jacob L., Oak Park, assignor to Edison General Electric Appliance Company, Chicago, Ill. Frying apparatus. 1,990,351; Feb. 5.

- Shroyer, Jacob L., Oak Park, Ill., assignor to Edison General Electric Appliance Company, Chicago, Ill. Cooking apparatus. 2,009,790; July 30.
- Shroyer, Jacob L., Oak Park, assignor to Edison General Electric Appliance Company, Chicago, Ill. Cooking apparatus. 2,009,791; July 30.
- Shryock, Robert B., Arlington, Tex. Fire alarm mechanism. 1,996,308; Apr. 2.
- Shuck, Gordon R., Seattle, Wash. Metering system. 2,009,708; July 30.
- Shuey, Ralph C., Downers Grove, Ill., assignor to Bakelite Corporation, New York, N. Y. Flexible abrasive implement. 2,025,249; Dec. 24.
- Shugg, Carleton. (See Sprague, R. C., and Shugg.)
- Shultis, Aaron E. (See Voigt, P. A., and Shultis.)
- Shultz, Randall W., and H. A. Stevens, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Machine for handling mine cuttings. 1,999,261; Apr. 30.
- Shumaker, Raymond L., Xenia, Ohio. Spark plug shield. 1,988,859; Jan. 22.
- Shumaker, William H., Detroit, Mich. Trip mechanism for automobile antitheft signal devices. 2,012,358; Aug. 27.
- Shunk, L. E. (See Grabler, Peter, assignor.)
- Shurley, Frederick, Los Angeles, Calif. Electromagnet for printing machines and the like. 1,995,522; Mar. 26.
- Shuron Optical Company. (See Brown, William R., assignor.)
- Shuron Optical Company. (See Jerry, Carl R., assignor.)
- Shuron Optical Company. (See Lockhart, William A., assignor.)
- Shuron Optical Company. (See Rohrbach, John J., assignor.)
- Shurtleff, Wilfred, assignor to The Herman Nelson Corporation, Moline, Ill. Direct reading comfortable temperature indicator. 2,010,040; Aug. 6.
- Shurtleff, Wilfred, assignor to The Herman Nelson Corporation, Moline, Ill. Method and mechanism of heating and ventilating. 2,023,447; Dec. 10.
- Shuster, F. B., Company, The. (See Roberts, Joseph H., assignor.)
- Shuster, Paul H., Leeburg, Pa. Forming implement shanks. 1,987,520; Jan. 8.
- Shute, Arthur C. (See Bergen, W. V., and Shute.)
- Shute, Charles W., assignor to F. T. Walsh, Boston, Mass. Cloth spreader or expander. 2,022,258; Nov. 26.
- Shovlowsky, Justyn, Brooklyn, N. Y. Adjustable garment edge cutter and grader. 2,018,503; Oct. 22.
- Shryock, Joe C. (See Hammack, George V., assignor.)
- Shugg, Carleton. (See Barber, William J., assignor.)
- Shuttleworth, Howard L., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Pile fabric and weaving. 1,986,294; Jan. 1.
- Shuttleworth, Howard L., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Weaving pile fabrics. 1,990,674; Feb. 12.
- Shuttleworth, Howard L., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Pile fabric and weaving the same. 1,991,179; Feb. 12.
- Shuttleworth, Howard L., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. 2,010,115; Aug. 6.
- Shuttleworth, Howard L., G. J. Underwood, and W. H. Howe, Amsterdam, assignors to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Fabric manufacture. 2,018,927; Oct. 29.
- Shyvers, Kenneth C., Chicago, Ill. Game device. 2,015,293; Sept. 24.
- Shwartz, Morris I., Providence, R. I. Enlarging printer. 1,994,091; Mar. 12.
- Sias, Frederick R., Coral Gables, Fla. Airplane engine synchronizing device. 2,013,673; Sept. 10.
- Sibbald, Charles J., deceased, Troy, N. Y., John O. Sibbald, executor. Button winding machine. 2,013,449; Sept. 3.
- Sibbald, John O., executor. (See Sibbald, Charles J., assignor.)
- Sibilla, Ciriaco et al. (See LaLonde, Moses, assignor.)
- Sibley, Erwin, Milledgeville, Ga. Traffic signal. 1,988,633; Jan. 22.
- Sibley-Pym Corporation. (See Pym, Arthur F., assignor.)
- Sibley, Robert L., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Preparing diphenyl derivatives. 1,994,927; Mar. 19.
- Sibley, Robert L., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Vulcanizing rubber. 1,998,559; Apr. 23.
- Sibley, Robert L., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Rubber composition and method of preserving rubber. 2,001,071; May 14.
- Sibley, Robert L., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Composition for use in forming plastic materials. 2,009,028; July 23.
- Sibley, Robert L., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Disinfecting and insecticidal agent. 2,010,443; Aug. 6.
- Sibley, Robert L., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Age resisting vulcanized rubber. 2,011,952; Aug. 20.
- Sibley, Robert L., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Preparation of coating compositions. 2,022,301; Nov. 26.
- Sibley, Robert L., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Coating composition and preparing same. 2,022,302; Nov. 26.
- Sichtermann, Eugen, Rodenkirchen, near Cologne, Germany. Deep-sea electric telephone cable. 2,000,355; May 7.
- Siciliano, Joseph, et al. (See Comiskey, Dell A., assignor.)
- Sickle, Edward B. (See Ware, Willis C., assignor.)
- Sidders, Marie A., Queens Village, N. Y. Support for telephone hand sets. 2,020,084; Nov. 5.
- Siddle, William H., Chapel Allerton, Leeds, England. Apparatus for joining the ends of wires and the like by twisting them together. 2,020,218; Nov. 5.
- Side, Frederick W., assignor to The Brown Instrument Company, Philadelphia, Pa. Electric switch. 2,000,422; May 7.
- Sidebotham, Horace W., Philadelphia, Pa. Lingerie tape. 1,995,865; Mar. 26.
- Sidebotham, John B., Philadelphia, Pa. Belting fabric. 1,999,578; Apr. 30.
- Sidebotham, Melvin H., West Newton, Mass., assignor to Specialty Automatic Machine Company, Medford, Mass. Manufacture of printed corrugated wrappers. 2,024,013; Dec. 10.
- Sidler, Siegfried, Zurich, Switzerland. Needle threading device. 2,006,185; June 25.
- Sidney, Arthur A., Thornton Heath, England, assignor to Bryce Limited. Internal combustion engine. 1,999,116; Apr. 23.
- Sidney, Arthur A., Thornton Heath, England, assignor to Bryce Limited. Volume-varying and compression-relieving means for the combustion chambers of internal combustion engines. 2,012,695; Aug. 27.
- Sidney, Philip, Jersey City, N. J. Fastening device. 2,001,401; May 14.
- Sidway, Henry T., Tampa, Fla. Berry box. 1,992,098; Feb. 19.
- Sidwell, Chester C., assignor of one-half to L. L. Sidwell, Pico, Calif. Mounting for windows, doors, and the like. 2,013,719; Sept. 10.
- Sidwell, Lester L. (See Sidwell, Chester C., assignor.)
- Sidwell, Oran A. (See Merideth, W. C., and Sidwell.)
- Sieb, Henry, Hammond, Ind. Pressboard. 2,004,710; June 11.
- Siebel, Emeline R., executrix. (See Siebel, Ewald H.)
- Siebel, Ewald H., Chicago, Ill., deceased; E. R. Siebel, executrix, assignor, by mesne assignments, to Spencer, White & Prentiss, Incorporated, New York, N. Y. Auger bucket for machines for digging caissons and the like. 2,000,195; May 7.
- Siebels, Walter C. (See Groff, W. C., and Siebens.)
- Sieber, Heinrich. (See Eckert, W., Sieber, Greune, and Lanbein.)
- Siebert, Heinrich, assignor to Demag Aktiengesellschaft, Duisburg, Germany. Excavator. 2,000,150; May 7.
- Siebert, John, Rochester, N. Y. Belt attachment. 2,007,696; July 9.
- Siebert, Nelson J. (See MacLean, A. D., Parker, and Siebert.)
- Siebert, Selmar R., and L. King, San Diego, Calif. Loading tool. 2,004,420; June 11.
- Siebrandt, John R., Kansas City, Mo. Surgical splint appliance. 2,010,328; Aug. 6.
- Sleck, William, Jr., Hubbard Woods, assignor to William Garrique & Company, Inc., Chicago, Ill. Distillation apparatus. 1,986,165; Jan. 1.
- Siecke, Wolfhart. (See von Girsowald, Conway B., Siecke and Wohlwill.)
- Siedel, Adolph, and M. R. Hatch, assignors to The Toledo Machine & Tool Company, Toledo, Ohio. Triple action power press. 1,989,827; Feb. 5.
- Sieder, Everett N., Westfield, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Heat exchanger. 2,018,037; Oct. 22.
- Siedle, Arnold D., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,996,934; Apr. 9.
- Siefen, John J., Detroit, Mich. Buff wheel and forming the same. 2,017,925; Oct. 22.
- Sieff, Solomon H., London, England. Stringing of tennis and like rackets. 2,014,989; Sept. 17.
- Sieffen, George R., New York, N. Y. Humidifying apparatus. 2,019,874; Nov. 5.
- Sieg, Karl, Philadelphia, Pa., assignor to Samuel M. Langston Co., Camden, N. J. Measuring device. 2,016,581; Oct. 8.
- Sieg, Kenneth M. (See Lahey, R. W., and Sieg.)
- Sieg, William W., Bellefonte, Pa. Welding rod. 2,022,439; Nov. 26.
- Siegel, Alfred. (See Allen, E. R., Headley, and Siegel.)
- Siegel, Alfred. (See Erskine, A. M., and Siegel.)
- Siegel, Alfred. (See Headley, W. N., and Siegel.)
- Siegel, Alfred, Hillside, assignor to Krebs Pigment & Color Corporation, Newark, N. J. Organic coloring material comprising an azo compound and oxidized rosin as a substratum. 2,013,074; Sept. 3.
- Siegel, Alfred, Hillside, assignor to Krebs Pigment & Color Corporation, Newark, N. J. Organic coloring material comprising an azo compound and an arylated rosin as the substratum. 2,013,075; Sept. 3.
- Siegel, Alfred, Hillside, assignor to Krebs Pigment & Color Corporation, Newark, N. J. Organic coloring material comprising an azo compound and chlorinated rosin as a substratum. 2,013,076; Sept. 3.

- Siegel, Alfred, Hillside, assignor to Krebs Pigment & Color Corporation, Newark, N. J. Organic coloring material comprising an azo compound and chlorinated rosin as stratum. 2,013,077; Sept. 3.
- Siegel, Chester A., Newark, N. J., assignor to American Arch Company, New York, N. Y. Fire box for boilers. 2,023,620; Dec. 10.
- Siegel, David, Weehawken, N. J. Nonrun knitted fabric. 2,022,157; Nov. 26.
- Siegel, Frank G., Oakland, Calif. Automotive time program selector for radio receiving sets. 2,016,459; Oct. 8.
- Siegel, Jacob, New York, assignor to Abel M. Silvan, Brooklyn, N. Y. Colloidal sterol dispersion system in water. 2,010,792; Aug. 6.
- Siegel, Samuel. (See Fisher, J. H., and Siegel.)
- Siegfried, Alexander G., Kansas City, Mo. Shoe press. 2,019,696; Nov. 5.
- Siegfried, Clarence E., Sandusky, Ohio, assignor, by mesne assignments, to Construction Materials Patents, Inc. Cradle base for conduits. 1,999,791; Apr. 30.
- Siegmund, Charles E., Winslow, Ariz. Retainer plug. 2,008,932; July 23.
- Siegmund, Humphreys O., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrolytic device. 1,987,420; Jan. 8.
- Siegrist, Charles C., assignor of one-half to F. J. Bass, Hill City, Kans. Musical instrument. 1,988,220; Jan. 15.
- Siegrist, George R., Port Huron, Mich. Vehicle chassis lubricating mechanism. 2,003,013; May 28.
- Siegrist, George R., Port Huron, Mich. Combined lubricating and shock absorbing mechanism for motor vehicles. 2,003,014; May 28.
- Siekmann, Harold J. (See Groene, W. F., and Siekmann.)
- Sieloff, Emil, assignor to Sieloff Packing Company, St. Louis, Mo. Refrigerating system. 1,994,078; Mar. 12.
- Sieloff Packing Company, The. (See Sieloff, Emil, assignor.)
- Siemann, John C. (See Hyden, W. L., Siemann, and Snyder.)
- Siemann, John C. (See Leach, L. L., and Siemann.)
- Siemens Apparate und Maschinen G. m. b. H. (See Fischel, Eduard, assignor.)
- Siemens Apparate und Maschinen G. m. b. H. (See Hort, Hermann, assignor.)
- Siemens Brothers & Company Limited. (See Christian, David A., assignor.)
- Siemens Brothers & Company Limited. (See Gachet, Ernest J., assignor.)
- Siemens Brothers & Company Limited. (See Patterson, W. G., and Long, assignors.)
- Siemens Electric Lamps and Supplies Limited. (See Oakley, P. D., and Aldington, assignors.)
- Siemens & Halske. (See Fischel, E., and Rieper, assignors.)
- Siemens & Halske, Aktiengesellschaft. (See Arni, H., and Thiry, assignors.)
- Siemens & Halske, Aktiengesellschaft. (See Babik, L., and Jaumann, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Boysen, Johannes, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Clausing, Arthur, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Faber, Karl, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Feist, Erich, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Feldtkeller, Richard, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Fischel, Eduard, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Fischer, E., and Gantzkow, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Fischer, Fritz, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Fischer, F., and Schuchmann, assignors.)
- Siemens & Halske, Aktiengesellschaft. (See Fischer, F., Strecker, and Rantsch, assignors.)
- Siemens & Halske, Aktiengesellschaft. (See Frieser, Helmut, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Gerlach, Erwin, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Gossiau, Fritz, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Gossiau, F., and Lusznat, assignors.)
- Siemens & Halske, Aktiengesellschaft. (See Hennig, Fritz, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Herrman, W., and Evers, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Hoefert, R., and Wochinger, assignors.)
- Siemens & Halske, Aktiengesellschaft. (See Kautter, Wolfgang, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Keinath, Georg, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Krambeer, Karl H., assignor.)
- Siemens & Halske Aktiengesellschaft. (See Kroll, Wilhelm, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Langer, M., and Rabanus, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Morsbach, Kurt, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Müller, K., Döring and Wantosch, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Müller, Paul, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Nebelung, Rudolf, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Neumann, Hans, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Nienhold, Johannes, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Ohlhans, Armin, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Rantsch, Kurt, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Rantsch, K., and Ewald, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Reichmann, Reinhold, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Rihl, Wilhelm, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Robeck, Hermann, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Schleicher, Manfred, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Schottky, Walter, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Sedlmayer, Joseph, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Soldan, Otto, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Thal, Wilhelm, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Tuzek, Franz, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Dardin, F., and Altenkirch, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Hähnle, Kurt, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Hanff, Ferdinand, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Heinrich, R., and Feldmann, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Korkittke, Karl, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Kühnel, C., and Rauscher, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Kunst, Ludwig, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Mayr, Karl A., assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Möller, Erich, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Nesselmann, Kurt, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Peineke, W., Reschke and Dietzius, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Reber, Carl, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Schenk, Gustav, assignor.)
- Siemon, William H., Philadelphia, Pa. Container. 2,013,392; Sept. 3.
- Siemund, Herbert A., Chicago, Ill., assignor to Joe Lowe Corporation, Brooklyn, N. Y. Stick handling mechanism. 2,024,116; Dec. 10.
- Siems, Herman B., assignor, by mesne assignments, to Swift and Company Fertilizer Works, Chicago, Ill. Producing salts. 1,989,175; Jan. 29.
- Sieverling, Henry, Burdett, Kans. Jar closure. 2,020,217; Nov. 5.
- Sievern, Fredrick, and J. F. Lizak, McKeesport, Pa. Curtain stretcher. 1,986,226; Jan. 1.
- Sievert, Frederick W., United States Navy. Saw setter. 2,018,686; Oct. 29.
- Sievert, Guilio E., South Gate, Calif. Preparation of lead borate. 2,014,148; Sept. 10.
- Siewers, Heinrich, Kellinghusen, Holstein, Germany. Drinking device for poultry. 1,998,174; Apr. 16.
- Sigilman, Irving G. (See Jackson, Frank W., assignor.)
- Sigman, John J., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Juice strainer. 2,019,771; Nov. 5.
- Signal Engineering & Manufacturing Company. (See Ebert, Joseph F., assignor.)
- Signal Service Corporation. (See Luce, Richard W., assignor.)
- Signalness, Alfred M., North Bend, Oreg. Undercutter. 2,012,896; Aug. 27.
- Signode Steel Strapping Company. (See Porter, Howard C., assignor.)
- Signor, William E., assignor, by mesne assignments, to Seco Manufacturing Company, Gettysburg, Pa. Wigwag signal. 2,002,330; May 21.
- Signor, William E., assignor, by mesne assignments, to Seco Manufacturing Company, Gettysburg, Pa. Signal lens means. 2,002,331; May 21.
- Signor, William E., assignor, by mesne assignments, to Seco Manufacturing Company, Gettysburg, Pa. Signal structure. 2,002,332; May 21.
- Sigoda, Victor J., New York, N. Y. Ornamental stitch attachment for sewing machines. 2,010,648; Aug. 6.
- Sigwart, August. (See Glietenberg, E., and Sigwart.)

- Sika-Francois Limited. (See Doig, David C., assignor.)
 Sikes, Alfred M., Atlanta, Ga. Automatic shuttle box lock. 1,996,527; Apr. 2.
 Sikorsky, Igor, College Point, N. Y., assignor, by mesne assignments, to United Aircraft Corporation. Aircraft and three-point landing gear for same. 2,017,446; Oct. 15.
 Sikorsky, Igor, Stratford, Conn., assignor, by mesne assignments, to United Aircraft Corporation. Exhaust manifold. 2,022,982; Dec. 3.
 Sikorsky, Igor I., Nichols, Conn., assignor, by mesne assignments, to Sikorsky Aircraft Corporation. Direct lift aircraft. 1,994,488; Mar. 19.
 Sikorsky, Igor I., Nichols, Conn., assignor, by mesne assignments, to Sikorsky Aircraft Corporation. Lift increasing apparatus. 1,995,905; Mar. 26.
 Sikorsky, Igor I., Nichols, Conn., assignor, by mesne assignments, to United Aircraft Corporation. Retractable shock absorbing strut. 2,016,394; Oct. 8.
 Silber, T.J., assignor of one-fourth to J. D. Goodrich, one-fourth to D. B. Marshall, and one-fourth to R. Sorenson, Omaha, Nebr. Driving means for electric generators. 2,004,224; June 11.
 Silberman, David, New York, assignor to Waldes Koh-I-Noor, Inc., Long Island, N. Y. Interlocking fastener structure. 1,990,464; Feb. 5.
 Silbermann, Eugen, Oradeamare, Rumania, assignor to Explorator A. G., Glarus, Switzerland. Rotary power engine. 1,998,255; Apr. 16.
 Silbermann, Eugen, Oradeamare, Rumania, assignor to Explorator A. G., Glarus, Switzerland. Rotor for rotary engines. 2,001,800; May 21.
 Silbermann, Salman, assignor to the firm Meirowsky & Co. A.-G., Porz-on-the-Rhine, Germany. High tension condenser. 1,991,707; Feb. 19.
 Silby, Martin V., Brooklyn, N. Y. Box staying machine. 1,988,814; Jan. 22.
 Silent American Ticket Machine Co. (See Pierson, Hilding L., assignor.)
 Silent Glow Oil Burner Corporation, The. (See Binkley, Martin J., assignor.)
 Silent Glow Oil Burner Corporation, The. (See Carlberg, John, assignor.)
 Silent Glow Oil Burner Corporation, The. (See Sherman, Rallston M., assignor.)
 Silent Glow Oil Burner Corporation, The. (See Sherman, R. M., and Neumann, assignors.)
 Silent Glow Oil Burner Corporation, The. (See Taft, William E., assignor.)
 Silent, Harold C., Los Angeles, Calif., assignor to Electrical Research Products, Inc., New York, N. Y. Control circuits. 2,022,983; Dec. 3.
 Silent Railway Crossing Company. (See Whalen, William H., assignor.)
 Siler, Edward H., assignor to The Lawrence Paper Company, Lawrence, Kans. Container. 2,005,597; June 18.
 Silesia Verein Chemischer Fabriken. (See Källner, Gerhard, assignor.)
 Sillex Company, The. (See Wolcott, Frank E., assignor.)
 Silica Gel Corporation, The. (See Bulkeley, Claude A.)
 Silica Gel Corporation. (See Connolly, G. C., and Pierce, assignors.)
 Silica Gel Corporation, The. (See Miller, F. B., and Connolly.)
 Silk-Eze Corporation. (See Pailer, Eugene C., assignor.)
 Silkman, Edwin F., Baltimore, Md. Puzzle. 2,024,541; Dec. 17.
 Sill, George Z., Philadelphia, Pa. Ash dust eliminator. 2,015,971; Oct. 1.
 Sill, Lucie E., widow. (See Sill, Richard, V. R.)
 Sill, Richard, V. R., deceased, Newark, N. J., distributed by court order to L. E. Sill, widow. Bucket dumping apparatus. 2,011,656; Aug. 20.
 Sillico, Lewis K., Watertown, N. Y., assignor to The New York Air Brake Company. Fluid pressure brake. 2,024,394; Dec. 17.
 Silley, Bernard L., assignor, by mesne assignments, to The Buell Combustion Company Limited, London, England. Pulverized fuel burner. 1,993,901; Mar. 12.
 Sills, Thomas. (See Welch, S. A., and Sills.)
 Silmo Chemical Company. (See Loomis, Horatio P., assignor.)
 Silten, Ernst, Berlin, Germany. Inhalation apparatus. 2,021,332; Nov. 19.
 Silvan, Abel M. (See Siegel, Jacob, assignor.)
 Silveira, Edward J., Walnut Creek, assignor of one-half to D. K. Lippincott, Larkspur, Calif. Ice cream tray. 1,996,935; Apr. 9.
 Silven, Herbert A. (See Belden, A. G., and Silven.)
 Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Control mechanism for grinding machines. 2,016,932; Oct. 8.
 Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Grinding machine feeding mechanism. 2,023,704; Dec. 10.
 Silver, David F. (See Stokes, W. E., and Silver.)
 Silver, Drayton A., Goldendale, Wash. Method of and apparatus for crushing rock. 2,018,232; Oct. 22.
 Silver, Henry B. (See Black, I. E., Hoffer, and Silver.)
 Silver, Jesse W., Tacoma, Wash. Rotary fulcrum lever. 1,991,634; Feb. 19.
 Silver, Myer S., Brookline, Mass. Stocking protector. 1,990,210; Feb. 5.
 Silver, Walter H., assignor to Deere & Company, Moline, Ill. Agricultural implement. 2,012,457; Aug. 27.
 Silverman, Daniel. (See Marshall, D. E., and Silverman.)
 Silverman, Daniel. (See Slepian, J., Ludwig, and Silverman.)
 Silverman, Daniel, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ignition system. 2,005,875; June 25.
 Silverman, Daniel, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective system for vapor electric converters. 2,015,537; Sept. 24.
 Silverman, Daniel, Wilkinsburg, and L. R. Ludwig, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric converter. 2,015,538; Sept. 24.
 Silverman, Jacob, Brooklyn, N. Y. Label imprinting device. 2,024,395; Dec. 17.
 Silverman, Max. (See Todd, J. D., and Silverman.)
 Silverman, Samuel J., Portland, Oreg., assignor to Gillespie Auto Laundry System, Inc., Chicago, Ill. Wash rack for automobiles. 2,000,151; May 7.
 Silverstein, Irving, New York, N. Y. Curtain. 2,020,971; Nov. 12.
 Sime, William W., Oak Park, Ill. Feeding attachment for punch presses. 1,986,983; Jan. 8.
 Simeant, Louis. (See Kuppel, H., and Simeant.)
 Simek, Charles, Chicago, Ill. Machine for counting votes. 1,998,527; Apr. 23.
 Simeone, Adolph, Somerville, assignor to T. J. Edwards Inc., Boston, Mass. Milk bottle cover. 2,024,889; Dec. 17.
 Simlster, Louis W., assignor of one-half to J. Farese, New York, N. Y. Pneumatic shoe. 2,004,906; June 11.
 Simjian, Luther G., New Haven, Conn. Pose reflecting booth. 2,017,514; Oct. 15.
 Simkins, Howard D., Cleveland Heights, and O. P. De Loe, Cleveland, Ohio. Blank feeding mechanism for extruding machines. 2,013,426; Sept. 3.
 Simmen, Oscar, Erlach, assignor to the firm Sulzer Frères Société Anonyme, Winterthur, Switzerland. Combined condensing and evaporating apparatus. 1,989,430; Jan. 29.
 Simmen, Oscar, Erlach, Switzerland, assignor to the firm Sulzer Frères Société Anonyme, Winterthur, Switzerland. Engine control device. 2,010,420; Aug. 6.
 Simmen, Oscar, Erlach, assignor to the firm of Sulzer Frères Société Anonyme, Winterthur, Switzerland. Two stroke internal combustion engine. 2,016,344; Oct. 8.
 Simmonds, Herman, Jr. (See McLain, D. R., and Simmonds.)
 Simmons, Andrew C., Peoria, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of coating articles. 2,008,879; July 23.
 Simmons, Andrew C., assignor, by mesne assignments, to Keystone Steel & Wire Company, Peoria, Ill. Coating iron or steel articles. 2,013,364; Sept. 3.
 Simmons, Charles W., Bryan, Tex. Cutting tool. 2,017,447; Oct. 15.
 Simmons Company. (See Bayer, Matthew F., assignor.)
 Simmons Company. (See Ferguson, Reginald A., assignor.)
 Simmons Company. (See Molling, J. P., and Anderson, assignors.)
 Simmons, Donald M., assignor to General Cable Corporation, New York, N. Y. Electrical installation. 2,016,247; Oct. 1.
 Simmons, Dual L. (See Simmons, Oliver G., assignor.)
 Simmons, Earl M. (See Williams, C. L., and Simmons.)
 Simmons, Elizabeth D., executrix. (See Simmons, Ralph C.)
 Simmons, Frank, Central Park, assignor of one-half to R. S. MacPherson, Hicksville, N. Y. Differential pressure control valve. 1,998,852; Apr. 23.
 Simmons, Harold B., Caldwell, N. J. Pneumatic suspension for vehicles. 2,000,196; May 7.
 Simmons, Ira J. (See Hodson, W. D., and Simmons.)
 Simmons, Jack W., Tallahassee, Fla. Fruit crate. 2,012,175; Aug. 20.
 Simmons, James L., Colmar Manor, Md., assignor to The Engineering and Research Corporation. Sheet metal forming machine. 2,025,360; Dec. 24.
 Simmons Manufacturing Company, The. (See Rosenberry, Homer R., assignor.)
 Simmons, Oliver G., Lakewood, Ohio, assignor, by mesne assignments, to D. L. Simmons. Machine for testing the accuracy of curved surfaces. 1,994,256; Mar. 12.
 Simmons, Oliver G., Lakewood, Ohio, assignor, by mesne assignments, to D. L. Simmons. Generating worm wheels. 1,995,327; Mar. 26.
 Simmons, Oliver G., Lakewood, Ohio, assignor, by mesne assignments, to D. L. Simmons. Worm wheel generating machine. 1,995,328; Mar. 26.
 Simmons, Paul R., assignor to Rutenber Electric Co., Marion, Ind. Toasting machine. 2,014,595; Sept. 17.
 Simmons, R. F., Company. (See Baker, Kenneth H., assignor.)
 Simmons, R. F., Company. (See Feid, Charles, assignor.)
 Simmons, R. F., Company. (See Feid, C., and Mealy, assignors.)
 Simmons, R. F., Company. (See Woodward, Oswin C., assignor.)

- Simmons, Ralph C., deceased, by E. D. Simmons, executrix, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe supporting jack. 2,003,015; May 28.
- Simmons, William W., Jr., Memphis, Tenn. Sealed vehicle body. 2,010,932; Aug. 13.
- Simms, Frederick R. (See L'Orange, Rudolf, assignor.)
- Simming, Roy B., Duluth, Minn. Vehicle body structure. 1,998,853; Apr. 23.
- Simming, Roy B., assignor to San-Esi Co., Minneapolis, Minn. Self-adjusting vehicle brake. 2,009,681; July 30.
- Simming, Roy B., Minneapolis, Minn., assignor to Motor Car Carriers, Inc., Detroit, Mich. Compound spring. 2,017,221; Oct. 15.
- Simon, Abraham, Far Rockaway, N. Y. Knife sharpener for fabric cutting machines. 2,010,967; Aug. 13.
- Simon, Abraham, Far Rockaway, N. Y. Coupon ticket printing machine. 2,011,637; Aug. 20.
- Simon, Alfred W., Eagle River, Wis. Electrostatic generator. 2,004,352; June 11.
- Simon, Arthur, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Timing device. 2,024,542; Dec. 17.
- Simon, Forest C., assignor to The French Oil Mill Machinery Co., Piqua, Ohio. Cake forming or molding machine. 1,994,181; Mar. 12.
- Simon, Henry, Limited. (See Brian, John C., assignor.)
- Simon, Karl, Newark, N. J. Drafting implement. 2,014,190; Sept. 10.
- Simon, Kenneth C. (See McBerty, F. H., and Simon.)
- Simon, Kenneth C., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of aromatic nitrocompounds. 2,008,045; July 16.
- Simon, Lee E., assignor to W. F. Meyers Company, Bedford, Ind. Pressing machine. 2,007,816; July 9.
- Simon, Lucien, assignor to Societe d'Exploitations des Brevets Lucien Simon (Amortisseurs Sanchok) Societe Anonyme, Paris, France. Shock absorber control device. 1,986,375; Jan. 1.
- Simon, Lucien, and René Marcon, assignors to Societe d'Exploitation des Brevets Lucien Simon (Amortisseurs Sanchok) Societe Anonyme, Paris, France. Shock absorber. 2,009,749; July 30.
- Simon, Max, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Display box construction. 2,006,415; July 2.
- Simon, Nicholas, St. Louis, Mo. Sound producing device. 2,025,181; Dec. 24.
- Simon, Reuben, Detroit, Mich. Code finding key. 2,015,822; Sept. 24.
- Simon, Walter. (See Pier, M., Kroenig, and Simon.)
- Simon, Walter. (See Pier, M., and Simon.)
- Simonds, Abraham H., Los Angeles, Calif., assignor, by mesne assignments, to Auditorium Conditioning Corporation, Jersey City, N. J. Air conditioning apparatus and control therefor. 2,009,529; July 30.
- Simonds, Donald R., Winchester, Mass. Yarn and the like supporting device. 2,011,916; Aug. 20.
- Simonds, Herbert R., assignor to Simonds Worden White Company, Dayton, Ohio. Abrasive wheel. 1,986,648; Jan. 1.
- Simonds Saw and Steel Company. (See Hill, Roland C., assignor.)
- Simonds Saw and Steel Company. (See Remington, Alfred M., assignor.)
- Simonds Worden White Company. (See Allison, Albert J., assignor.)
- Simonds Worden White Company. (See Simonds, Herbert R., assignor.)
- Simoneau, Charles B., Lynn, assignor to R. S. Taylor, Melrose, and F. V. McCarthy, Lynn, Mass. Heat distribution for buildings. 2,014,117; Sept. 10.
- Sims, Louis J., New York, N. Y. Light emitting device. 1,991,426; Feb. 19.
- Sims, Louis J., New York, N. Y. Sound reproducing system and apparatus. 1,996,034; Mar. 26.
- Simonsen, Edward H., and C. M. Rutledge, Chicago, Ill. Shears. 1,987,375; Jan. 8.
- Simonson, Floyd L., Pittsburgh, Pa. Safety device for footwear. 1,999,214; Apr. 30.
- Simonsson, Ludvig H., Stockholm, Sweden. Joint for artificial limbs. 2,015,821; Oct. 1.
- Simonton, Warren R., Huntington, W. Va., assignor to Owens-Illinois Glass Company. Apparatus for use in inspecting bottles or other articles. 2,008,567; July 16.
- Simplex Engineering Company. (See Amsler, Walter O., assignor.)
- Simplex Paper Corporation. (See Wood, Frederick P., assignor.)
- Simplex Pattern Projection Corporation. (See Eitzen, August D., assignor.)
- Simplex Pattern Projection Corporation. (See Stenz, B. F., and Eitzen, assignors.)
- Simplex Piston Ring Company of America, Inc., The. (See Solenberger, Dean M., assignor.)
- Simplex Shoe Tree Co. (See Horsting, Bernard F., assignor.)
- Simplex Valve and Meter Company. (See Borden, Moro M., assignor.)
- Simplex Valve & Meter Company. (See Borden, M. M., and Sweeten, assignors.)
- Simplex Wire & Cable Company. (See Boggs, Charles R., assignor.)
- Simplicity Engineering Company. (See Behnke, George W., assignor.)
- Simpson, Alexander, London, England. Garment supporting means. 2,004,481; June 11.
- Simpson, Bascom E., Los Angeles, Calif. Self-supporting concrete form. 2,019,193; Oct. 29.
- Simpson, Clarence E., Springfield, Mass. Machine gun. 1,994,489; Mar. 19.
- Simpson, David, et al. (See Gulke, Otto A., assignor.)
- Simpson, Earl W. (See Quick, P. H., and Simpson.)
- Simpson, Emory G. (See Field, H. C., and Simpson.)
- Simpson, Emory G., assignor to General Motors Corporation, Detroit, Mich. Cowl ventilator. 2,010,568; Aug. 6.
- Simpson, Eugene H., Jackson, Miss. Vehicle identification tag. 1,999,344; Apr. 30.
- Simpson, Frederick P., West New Brighton, N. Y. Building block. 1,996,658; Apr. 2.
- Simpson, Harold W., Long Eaton, near Nottingham, assignor to William Gibson & Son, Limited, Nottingham, England. Knitting machine. 2,002,417; May 21.
- Simpson, Herbert S., assignor to The Standard Sand and Machine Co., Chicago, Ill. Sand mixer. 2,024,481; Dec. 17.
- Simpson, James W., and J. T. Sutliff, Decatur, Ill., assignors to Mueller Co., Decatur, Ill. Automatic lubricated gas stop. 1,998,029; Apr. 16.
- Simpson, Jerry H., assignor to The Bahnsen Company, Winston-Salem, N. C. Humidity controlled valve. 2,004,251; June 11.
- Simpson, John M. (See Heck, H. J. and Simpson.)
- Simpson, John M., Muncie, assignor, by mesne assignments, to Free Wheeling Patents Corporation, South Bend, Ind. Free wheeling mechanism. 2,007,006; July 2.
- Simpson, John W., et al. (See Lambourne, Herbert D., assignor.)
- Simpson, Stanley E., et al. (See Lambourne, Herbert D., assignor.)
- Simpson, Theodore J., Cleveland, Ohio. Siphon. 2,022,927; Dec. 3.
- Simpson, Waldo P., Schenectady, N. Y., assignor to General Electric Company. Coding apparatus. 2,010,610; Aug. 6.
- Simpson, William E., Princeton, Ind. Electric light. 2,011,682; Aug. 20.
- Simpson, William K., assignor to Hoffman Specialty Company, Waterbury, Conn. Packless valve. 1,996,309; Apr. 2.
- Simpson, William K., assignor to Hoffman Specialty Company, Waterbury, Conn. Heating system. 2,013,113; Sept. 3.
- Sims, Alfred V., Brooklyn, N. Y. Bilge pump mechanism. 2,018,687; Oct. 29.
- Sims, Ernest M., Elkhart, Ind. Method and apparatus for welding tubes. 1,996,775; Apr. 9.
- Sims, Redding. (See Starke, R. W., Sims, and Quinn.)
- Sims, William O., Niagara Falls, N. Y., assignor to Harris Seybold Potter Company, Cleveland, Ohio. Wire stitching machine. 2,024,750; Dec. 17.
- Sims, Willis F., and V. O. Cloer, assignors to Panhandle Refining Company, Wichita Falls, Tex. Apparatus for the treatment of hydrocarbon oils. 2,003,724; June 4.
- Simsack, Anton S., Philadelphia, Pa. Shielded spark plug. 1,999,117; Apr. 23.
- Simsack, Anton S., Philadelphia, Pa. Shielding system for radioreceiver equipped vehicles. 1,999,118; Apr. 23.
- Sinamide, Oreste, London, England. Vacuum apparatus for medical treatment and other purposes. 2,011,831; Aug. 20.
- Sinclair, Charles W., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Hub cap. 2,002,872; May 28.
- Sinclair, Charles W., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Brake drum construction. 2,003,055; May 28.
- Sinclair, Charles W., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,008,933; July 23.
- Sinclair, Charles W., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Ornamented vehicle rim. 2,011,326; Aug. 13.
- Sinclair, Charles W., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Cover plate for vehicle wheels. 2,016,395; Oct. 8.
- Sinclair, Charles W., assignor, by mesne assignments, to Kelsey-Hayes Wheel Company, Detroit, Mich. Vehicle wheel construction. 2,019,584; Nov. 5.
- Sinclair, Frank E., Claremont, N. H., assignor to Sullivan Machinery Company. Securing device. 2,001,752; May 21.
- Sinclair, George H. (See Behrman, A. H., and Avers, assignors.)
- Sinclair, Harold, Surbiton Hill, England. Variable speed gearing particularly for use with hydraulic couplings. 2,011,734; Aug. 20.
- Sinclair, Harold, Surbiton Hill, England. Hydraulic coupling or gear. 2,011,735; Aug. 20.
- Sinclair, Harry, et al., trustees. (See Dodge, John S., assignor.)
- Sinclair Prairie Oil Company. (See Coulson, Herbert M., assignor.)
- Sinclair Refining Company. (See Arnold, William P., Jr., assignor.)

- Sinclair Refining Company. (See French, Gerthal, assignor.)
- Sinclair Refining Company. (See Gardner, Robert H., assignor.)
- Sinclair Refining Company. (See Gullette, Willis S., assignor.)
- Sinclair Refining Company. (See Herthel, E. C., and Tiff, assignors.)
- Sinclair Refining Company. (See Isom, Edward W., assignor.)
- Sinclair Refining Company. (See Martin, Edward J., assignor.)
- Sinclair Refining Company. (See McKay, C. R., and Smith, assignors.)
- Sinclair Refining Company. (See Mendijs, William, assignor.)
- Sinclair Refining Company. (See Pelzer, Harry L., assignor.)
- Sinclair Refining Company. (See Szayna, Antoni, assignor.)
- Sinclair Refining Company. (See Thacker, Richard B., Jr., assignor.)
- Sinclair, William, assignor to Production Engineering Company, Detroit, Mich. Milling machine for cam shafts and the like. 1,988,520; Jan. 22.
- Sinden, Alfred De Los, Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyor. 1,999,484; Apr. 30.
- Sinden, Roger H., Caldwell, N. J., assignor to Westinghouse Lamp Company. System for operating glow relay tubes. 1,996,556; Apr. 2.
- Sindler, Jay J., Malden, Mass. Eating implement. 1,991,871; Feb. 19.
- Sindler, Jay J., Boston, Mass. Retainer device. 2,025,960; Dec. 31.
- Singer, Adolph. (See Singer, Isaac, H., and A.)
- Singer, Fred J., Rockville Centre, and B. S. Swezey, Floral Park, N. Y., assignors to American Telephone and Telegraph Company. Printing telegraph system. 2,015,323; Sept. 24.
- Singer, Fritz, Nuremberg, Germany, assignor to Tubus A. G., Zurich, Switzerland. Extrusion apparatus. 1,989,948; Feb. 5.
- Singer, Hanns, Berlin-Steglitz, Germany, assignor to General Electric Company. Temperature control device. 2,025,553; Dec. 24.
- Singer, Hyman. (See Singer, Isaac, H., and A.)
- Singer, Isaac, H., and A., Montreal, Quebec, Canada. Cushion and elastic stuffing. 2,024,837; Dec. 17.
- Singer Manufacturing Company, The. (See Ackerman, J. E., and Card, assignors.)
- Singer Manufacturing Company, The. (See Baxter J., and Tivendale, assignors.)
- Singer Manufacturing Company, The. (See Becker, Rudolph, assignor.)
- Singer Manufacturing Company. (See Bentz, Albert R., assignor.)
- Singer Manufacturing Company, The. (See Card, Frederic M., assignor.)
- Singer Manufacturing Company, The. (See Chason, Daniel H., assignor.)
- Singer Manufacturing Company, The. (See Clayton, Andrew B., assignor.)
- Singer Manufacturing Company, The. (See Corral, Herbert, assignor.)
- Singer Manufacturing Company, The. (See Corral, H., and Heggie, assignors.)
- Singer Manufacturing Company, The. (See Eames, George M., assignor.)
- Singer Manufacturing Company, The. (See Fleckenstein, George A., assignor.)
- Singer Manufacturing Company, The. (See Goosman, Herbert J., assignor.)
- Singer Manufacturing Company, The. (See Grieb, Alfred, assignor.)
- Singer Manufacturing Company, The. (See Gunther, Hermann, assignor.)
- Singer Manufacturing Company, The. (See Hertz, Hjalmar, assignor.)
- Singer Manufacturing Company, The. (See Hieb, Peter, assignor.)
- Singer Manufacturing Company, The. (See Hohmann, Richard K., assignor.)
- Singer Manufacturing Company, The. (See Karle, John D., assignor.)
- Singer Manufacturing Company, The. (See Kessler, Charles A., assignor.)
- Singer Manufacturing Company, The. (See Knaus, Nicholas, assignor.)
- Singer Manufacturing Company, The. (See McCann, Michael, assignor.)
- Singer Manufacturing Company, The. (See Moran, William J., assignor.)
- Singer Manufacturing Company. (See Morris, Harold W., assignor.)
- Singer Manufacturing Company, The. (See Myers, Walter, assignor.)
- Singer Manufacturing Company, The. (See Peets, W. J., and Webb, assignors.)
- Singer Manufacturing Company, The. (See Raworth, Albert S., assignor.)
- Singer Manufacturing Company, The. (See Sailer, Rudolph J., assignor.)
- Singer Manufacturing Company. (See Sakellarides, Jean G., assignor.)
- Singer Manufacturing Company, The. (See Stempel, Ralph, assignor.)
- Singer Manufacturing Company, The. (See Tiesler, Alfred, assignor.)
- Singer Manufacturing Company, The. (See Vollman, Joseph, assignor.)
- Singer Manufacturing Company, The. (See Webb, Irving F., assignor.)
- Singer Manufacturing Company, The. (See Wesson, George W., assignor.)
- Singer Manufacturing Company, The. (See Wood, Alfred R., assignor.)
- Singer Manufacturing Company, The. (See Zabriskie, Henry L., assignor.)
- Singer, Nathaniel, assignor to Optical Research Corporation, New York, N. Y. Ophthalmic lens. 2,002,719; May 28.
- Singer, Nathaniel, assignor to Optical Research Corporation, New York, N. Y. Ophthalmic lens. 2,015,241; Sept. 24.
- Singer, Samuel, Philadelphia, Pa. Punch ejector die. 1,993,041; Mar. 5.
- Singer, Samuel, San Francisco, Calif. Slicing machine. 2,007,219; July 9.
- Singer, William A. (See Petersen, E. W., and Singer.)
- Singiser, John P., Chicago, Ill., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Tandem power press. 2,005,171; June 18.
- Singiser, John P., Chicago, Ill., assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine. 2,006,751; July 2.
- Singleton, Edwin B., Rockaway, N. J. Draining device. 2,007,258; July 9.
- Singleton, George W., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 1,990,352; Feb. 5.
- Singleton, James T., Pierce, Fla., assignor to The American Agricultural Chemical Company, Newark, N. J. Mineral concentration. 1,996,035; Mar. 26.
- Singmaster, James A., Bronxville, N. Y. Artificial silk filament. 2,000,671; May 7.
- Sinko, John, Chicago, Ill. Cigar lighter. 2,012,143; Aug. 20.
- Sinks, Morton H., Cleveland, Ohio. Agitating device. 2,024,482; Dec. 17.
- Sinnaeve, Baldwin J., Detroit, Mich. Cable supporting clip for chassis and body. 2,004,353; June 11.
- Sinnett, Chester M., Haddonfield, N. J., assignor to Radio Corporation of America. Radio phonograph system. 2,017,515; Oct. 15.
- Sinnett, Chester M., Haddonfield, and M. E. Karns, Oaklyn, N. J., assignors to Radio Corporation of America. Remote control apparatus. 2,025,783; Dec. 31.
- Sinnott, Thomas F. (See Keen, J. S., and Sinnott.)
- Sintic, Joseph G. (See Pavlovic, F., and Sintic.)
- Sinton, John, Philadelphia, Pa. Printing press control. 1,989,531; Jan. 29.
- Sintz, Claude, Detroit, Mich. Equalizing and stabilizing attachment for stands or tables. 1,993,458; Mar. 5.
- Sintz, Claude, Detroit, Mich. Drop leaf table. 1,999,705; Apr. 30.
- Sinz, Lawrence P., and C. R. Barbee, Los Angeles, Calif. Packing tray. 1,990,675; Feb. 12.
- Sipchen, Robert J., Chicago, Ill. Building construction. 2,019,162; Oct. 29.
- Sipe, Harry E., New York, N. Y., assignor to Hookless Fastener Company. Separable fastener. 1,991,320; Feb. 12.
- Sipe, Harry E., New York, N. Y., assignor to Hookless Fastener Company. Fastening device. 2,013,071; Sept. 3.
- Sipe, Harry E., New York, N. Y. Continuous fastener. 2,025,021; Dec. 17.
- Sipp-Eastwood Corporation. (See Klein, Frederick, assignor.)
- Sipp, Edward A., Oak Park, assignor to The Pyle National Company, Chicago, Ill. Airplane landing light. 1,996,126; Apr. 2.
- Sippel, John J., Upper Darby, assignor to H. W. Butterworth & Sons Company, Philadelphia, Pa. Cake washing and conditioning machine. 2,002,418; May 21.
- Sippel, John J., Upper Darby, assignor to H. W. Butterworth & Sons Company, Philadelphia, Pa. Funnel bracket for rayon spinning machines. 2,006,518; July 2.
- Sippel, William H., South Bend, Ind. Heavy duty caster. 1,995,823; Mar. 26.
- Sirca, John, San Diego, Calif. Safety razor. 1,988,815; Jan. 22.
- Sirca, John, San Diego, Calif. Support. 2,025,478; Dec. 24.
- Šírek, Josef, Jince, Czechoslovakia. Whey preparation. 2,023,359; Dec. 3.
- Sireno Company, The. (See Ricci, Harry, assignor.)
- Sirian Lamp Company. (See Braselton, Chester H., assignor.)
- Sirian Lamp Company. (See Davies, Henry R., assignor.)
- Sirian Lamp Company. (See Harding, Robert, Jr., assignor.)
- Sirian Lamp Company. (See MacFarland, Albert E., assignor.)
- Sirian Lamp Company. (See Ruben, Samuel, assignor.)
- Sirianni, Joseph B., Dickson City, Pa., assignor to Delta Manufacturing Company, Milwaukee, Wis. Sanding drum. 2,020,219; Nov. 5.

- Sirmay, Julius, assignor to Jacquard Knitting Machine Company, Inc., Philadelphia, Pa. Change speed gearing. 1,986,295; Jan. 1.
- Sisk, Martin A., Pittsburgh, Pa. Tire chain. 1,989,217; Jan. 29.
- Sisson, Edward C., and J. D. Stokes, Dallas, Tex. Grave marker. 1,997,087; Apr. 9.
- Sisson, James G., assignor to The L. S. Starrett Company, Athol, Mass. Dial indicator. 1,986,540; Jan. 1.
- Sisson, James G., assignor to The L. S. Starrett Company, Athol, Mass. Dial indicator. 2,013,176; Sept. 3.
- Sites, Benjamin L., assignor to The Miehle Printing Press and Manufacturing Company, Chicago, Ill. Planographic printing element. 2,020,479; Nov. 12.
- Sitzler, Thomas B., assignor, by mesne assignments, to Florence Pipe Foundry & Machine Company, Florence, N. J. Plugging holes in plates. 2,010,569; Aug. 6.
- Siviter, Arthur T., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Cold heading. 2,001,981; May 21.
- Six, Willem, Eindhoven, Netherlands, assignor to Radio Corporation of America. Device more particularly for controlling the sound intensity in low-frequency distribution systems. 1,990,099; Feb. 5.
- Six, Willem and R. Vermeulen, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Device for recording or reproducing a sound film. 2,020,857; Nov. 12.
- Six, Willem, R. Vermeulen and H. de Jong, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Device for recording and reproducing films. 2,023,649; Dec. 10.
- Six, William L., Kansas City, Mo. Control apparatus for lift bridges. 1,991,336; Feb. 12.
- Sizer, Albert W., Hesse, Kingston-upon-Hull, England. Molding machine. 1,994,371; Mar. 12.
- Sjoberg, Nels P., Chicago, Ill. Roller bearing. 2,011,878; Aug. 20.
- Sjogren, Oscar, Auburn, Mass. Holder for wire drawing dies. 1,986,021; Jan. 1.
- Sjogren, Oscar W. (See Vaughn, J. A., Mitchell, and Sjogren.)
- Sjlander, John L., assignor to The Cleveland Wire Spring Co., Cleveland, Ohio. Spring dampener or cushion. 1,988,341; Jan. 15.
- Sjuve, Ole, Højfjord near Tønsberg, Norway. Coin inserting mechanism for coin controlled vending apparatus. 2,022,944; Dec. 3.
- Skaer, Moyle S., and E. Holcomb, Pittsburg, Kans. Radio static shield. 1,987,755; Jan. 15.
- Skaggs, Walter C. (See Tempel, A. W., and Skaggs.)
- Skarlund, Carl A., Stockholm, Sweden. Lubricating means for internal combustion motors. 1,998,392; Apr. 16.
- Skaupy, Franz, Berlin-Lichterfelde, Germany. Method and apparatus for operating incandescent bodies. 1,987,220; Jan. 8.
- Skeats, Wilfred F., Scotia, N. Y., assignor to General Electric Company. Cathode ray oscillograph control. 1,986,607; Jan. 1.
- Skeats, Wilfred F., Scotia, N. Y., assignor to General Electric Company. Electric indicating and recording instrument. 1,992,780; Feb. 26.
- Skedden, Edwin, National City, Calif. Plaiting machine. 2,018,387; Oct. 22.
- Skeel, Lewis, assignor to McCroskey Tool Corporation, Meadville, Pa. Floating coupling. 2,007,897; July 9.
- Skeels, Henry E., Rochester, N. Y. Counterbalanced garage door. 2,009,348; July 23.
- Skelton, Charles E., Syracuse, N. Y., assignor to I. Saks, Cleveland, Ohio. Bushing puller. 2,022,549; Nov. 26.
- Skelton, Owen R., Grosse Pointe Farms, assignor to Chrysler Corporation, Detroit, Mich. Torque transmitting apparatus. 1,987,716; Jan. 15.
- Skelton, William E. (See McCarty, B. Y., and Skelton.)
- Skenandoo Rayon Corporation. (See Gordon, B., Jr., and Michel, assignors.)
- Skeyhan, Fred G., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Belt splice. 1,996,529; Apr. 2.
- Ski Sport, Incorporated. (See Proctor, Charles N., assignor.)
- Skiba, John A., Warren, Ohio. Ladder. 2,012,592; Aug. 27.
- Skidelsky, Nina. (See Bary, W. A., and Skidelsky.)
- Skilling, William, Vancouver, British Columbia, Canada. Advertising device. 2,025,361; Dec. 24.
- Skillings, Harold F., Arlington, assignor to The Blanchard Machine Company, Cambridge, Mass. Rotary abrading tool. 1,996,980; Apr. 9.
- Skillman, Homer L., Richmond, Ind. Removable adjusting cushion. 2,023,248; Dec. 3.
- Skinner, Bronson C., Dunedin, assignor to Brogdex Company, Winter Haven, Fla. Preparing fresh fruit for market. 2,010,497; Aug. 6.
- Skinner, Charles W., Brockton, Mass. Scaffolding support. 2,009,861; July 30.
- Skinner Irrigation Company, The. (See Coles, W. H., and Nelson, assignors.)
- Skinner, Leslie A. (See Colby, J. M., and Skinner.)
- Skinner, Leslie A., U. S. Army, Aberdeen Proving Ground, Md. Rocket projectile. 1,994,490; Mar. 19.
- Skinner, Lewis B., Denver, Colo. Protection of metallic conduits exposed to high temperatures. 2,003,725; June 4.
- Skinner, Lewis B., Denver, Colo. Manufacture of superphosphates. 2,021,671; Nov. 19.
- Skinner, M. B., Co. (See Merrill, Patterson D., assignor.)
- Skinner, M. B., Co. (See Misch, Arthur, assignor.)
- Skinner, Perry R., Amsterdam, N. Y. Angle dental hand-piece. 2,005,849; June 25.
- Skinner Purifiers, Inc. (See Williams, Paul, assignor.)
- Skinner & Sherman, Inc. (See Clark, Frederic C., assignor.)
- Skinner, William F., assignor of six-tenths to G. E. Chandler, Miami, Fla. Toy moving-picture camera. 1,986,541; Jan. 1.
- Sklar, Herman L., Coney Island, assignor to Micamold Radio Corporation, Brooklyn, N. Y. Forming resistors. 1,994,967; Mar. 19.
- Sklar, Herman L., Coney Island, N. Y., assignor to Micamold Radio Corporation, Brooklyn, N. Y. Electrolytic condenser. 1,999,373; Apr. 30.
- Skoglund, Joseph A., St. Paul, Minn. Nozzle holder. 2,003,837; June 4.
- Skoko, Frank, Portland, Ore. Time latch. 1,988,144; Jan. 15.
- Skolfield, William K., Bridgeport, Conn., assignor to General Electric Company. Spring thrust washer. 2,009,124; July 23.
- Skoggh, Harry L., assignor to Art Metal Construction Company, Jamestown, N. Y. Cabinet and the like. 1,986,417; Jan. 1.
- Skoggh, Harry L., assignor to Art Metal Construction Company, Jamestown, N. Y. Mounting for doors and the like. 1,996,310; Apr. 2.
- Skoggh, Harry L., assignor of one-half to B. Anderson, Jamestown, N. Y. Folding table. 2,005,481; June 18.
- Skooltvet, Max, Gregory, S. Dak. Automatic fuel valve. 1,990,714; Feb. 12.
- Skorepa, Joseph F., New York, N. Y. Antijimmy lock. 2,025,132; Dec. 24.
- Škrtić, Danilo, assignor of one-half to N. Nirandych, New York, N. Y. Drum game. 2,003,979; June 4.
- Skoverski, John R., Berkeley, assignor, by mesne assignments, to Margaret Roberts, San Francisco, Calif. Toaster. 2,016,655; Oct. 8.
- Skowronski, Felix J., assignor to Universal Oil Products Company, Chicago, Ill. Asphalt and preparing same. 1,993,532; Mar. 5.
- Skraup, Siegfried, Wurzberg, Germany, assignor to Rheinische Kampfer-Fabrik G. m. b. H., Dusseldorf-Oberkassel, Germany. Preparation of aryl-ketones and phenol esters. 1,995,402; Mar. 26.
- Skreberg, Hans, Big Bend Township, Chippewa County, Minn. Gate. 1,997,951; Apr. 16.
- Sky Publicity Limited, et al. (See Hitchins, C. F., and Gerrard, assignors.)
- Sky Publicity Limited, et al. (See Pollard, Alan F. C., assignor.)
- Slabey, Joseph M., Philadelphia, Pa. Machine for winding field coils. 2,026,365; Dec. 31.
- Slack, Alfred D., and A. A. Young, assignors to Eastman Kodak Company, Rochester, N. Y. Antistatic thin sheeting. 2,011,348; Aug. 13.
- Slade, Harold E., Glen Ridge, and J. Gehring, Jersey City, assignors to Beaver Manufacturing Company, Newark, N. J. Attachment plug receptacle. 1,989,890; Feb. 5.
- Slade, Leon D., and W. T. Cowell, assignors to Gleason Works, Rochester, N. Y. Quenching press. 2,010,703; Aug. 6.
- Slader, Roy E., Fort Calhoun, Nebr. Pump jack. 2,017,169; Oct. 15.
- Slady, Frank W., assignor to Leviton Manufacturing Company, Brooklyn, N. Y. Electric lamp socket. 2,001,317; May 14.
- Slagel, Franklin G., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Evaporator valve mechanism. 1,986,376; Jan. 1.
- Slagel, Franklin G., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Heat exchange apparatus. 1,986,377; Jan. 1.
- Slagel, Franklin G., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Evaporator. 1,993,459; Mar. 5.
- Slagel, Franklin G., Buffalo, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Making dry system evaporators. 2,012,582; Aug. 27.
- Slager, John C. (See Johnston, H. L., and Slager.)
- Slagh, Harold R. (See Britton, E. C., and Slagh.)
- Slaght, William W. (See Braun, H. F., and Slaght.)
- Slaker, Joseph H., and De M. A. Palmer, assignors, by mesne assignments, to Western-Austin Company, Aurora, Ill. Wheeler scraper. 2,024,483; Dec. 17.
- Slatcher, Alfred G. (See Renfer, J. E., and Slatcher.)
- Slate Construction Company. (See Slate, McLennen C., assignor.)
- Slate, McLennen C., assignor to Slate Construction Company, Albany, Ore. Hydraulically controlled wheel scraper. 1,989,560; Jan. 29.
- Slaten, Albert, Minneapolis, Minn. Cream dispensing valve. 1,993,021; Mar. 5.
- Slater, Charles F., Pittsburgh, Pa. Cold pack. 2,011,832; Aug. 20.
- Slater, Fred M. (See Peters, A. E., and Slater.)
- Slater, Fred M., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill. 2,019,163; Oct. 29.
- Slater, Margaret. (See Machinist, Harold, assignor.)

- Slater, N., Company Limited. (See Elliott, Wilbert N., assignor.)
- Slater, N., Company, Limited. (See Milne, Winford G., assignor.)
- Slater, S., & Sons, Inc. (See Schlatter, Carl, assignor.)
- Slaughenhop, George E., Vernon, Tex. Combined rod guide, rod check and paraffin swab. 2,001,270; May 14.
- Slaughter, Charles E., Montclair, N. J. Automatic projector. 2,005,759; June 25.
- Slavin, Harry, Detroit, Mich. Traffic safety device. 2,022,745; Dec. 3.
- Slavin, John J. (See Kindl, J. V., and Slavin.)
- Slavins, John, et al. (See Anderson, Dave, assignor.)
- Slawick, Rudolf, Prague, Czechoslovakia, assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,012,111; Aug. 20.
- Slawik, Kurt, Vienna, Austria, assignor to Western Electric Company, Incorporated, New York, N. Y. Electromagnetic switching device. 1,994,671; Mar. 19.
- Slawson, Marion G., Girard, Kans. Combined grave marker and vase. 2,010,246; Aug. 6.
- Slayter, Games, Detroit, Mich. Tappet. 1,990,312; Feb. 5.
- Slayter, Games, Columbus, Ohio, assignor to Owens-Illinois Glass Company. Building block. 1,991,469; Feb. 19.
- Slayton, Ralph E., Montclair, N. J. Fowl plucking device. 2,025,784; Dec. 31.
- Slee, Arthur L., San Francisco, Calif. Locking device. 2,010,041; Aug. 6.
- Sleeper & Hartley, Inc. (See Nigro, Michel, assignor.)
- Siefel, Charles C., assignor to Superior Engine Company, Springfield, Ill. Internal combustion engine. 1,988,754; Jan. 22.
- Slepian, Joseph. (See Ludwig, L. R., and Slepian.)
- Slepian, Joseph, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Backfire-preventing means for rectifiers. 2,008,406; July 16.
- Slepian, Joseph, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Grid controlled mercury arc tube. 2,019,277; Oct. 29.
- Slepian, Joseph, and R. Tanberg, Pittsburgh, Pa., and C. E. Krause, Greensburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Porous lightning arrester. 2,000,719; May 7.
- Slepian, Joseph, Pittsburgh, L. R. Ludwig, Wilksburg, and D. Silverman, Wilksburg, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical conversion system. 2,005,876; June 25.
- Slepian, Joseph, Pittsburgh, and L. R. Ludwig, Wilksburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mercury arc rectifier. 2,020,915; Nov. 12.
- Slettevold, Ole, assignor to The Hedman Manufacturing Company, Chicago, Ill. Differential stop mechanism for check writers. 2,016,345; Oct. 8.
- Slezak, Frank. (See Brush, W. H., and Slezak.)
- Slick, Edwin E., Jr., Pittsburgh, Pa. Apparatus for feeding glass. 2,021,523; Nov. 19.
- Slick, Frank F. (See Boyd, J. K., and Slick.)
- Slidell, Kemper, assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Sound absorbing construction. 1,992,509; Feb. 26.
- Slidell, Kemper, assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Sound absorbing construction. 1,994,439; Mar. 12.
- Sliger, Oscar, St. Louis, Mo., assignor to The Mengel Company, Louisville, Ky. Crate fastener. 2,005,272; June 18.
- Slingo Corporation, The. (See Parrish, Luther R., assignor.)
- Sloan, Arthur W. (See Semon, W. L., and Sloan.)
- Sloan, Arthur W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,000,044; May 7.
- Sloan, Arthur W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,000,045; May 7.
- Sloan, Arthur W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,009,530; July 30.
- Sloan, David H., Berkeley, Calif., assignor to Research Corporation, New York, N. Y. Method and apparatus for producing high voltage. 2,009,457; July 30.
- Sloan, David H., Berkeley, Calif., assignor to Research Corporation, New York, N. Y. X-ray apparatus. 2,009,458; July 30.
- Sloan, Edward C., assignor to J. B. Hawley, Geneva, Ill. Fibrous bodied articles and producing the same. 2,013,865; Sept. 10.
- Sloan, Edward C., assignor to J. B. Hawley, Geneva, Ill. Preserving and protecting records and the like. 2,013,867; Sept. 10.
- Sloan, Francis P., Scarsdale, N. Y. Preparation of concrete floorings to receive topping layers. 2,015,875; Oct. 1.
- Sloan, Philip W., Grosse Pointe Park, Mich. Table-net bracket. 2,004,397; June 11.
- Sloan, Thomas N., Buffalo, N. Y., assignor to The Republic Steel Corp., Youngstown, Ohio. Die rolled article and die rolling method. 1,998,970; Apr. 23.
- Sloan Valve Company. (See Kocour, Emil J., assignor.)
- Sloan, William E., Chicago, Ill. Flush valve. 2,016,396; Oct. 8.
- Sloan, William E., Chicago, Ill. Flush valve. 2,016,397; Oct. 8.
- Sloane-Blabon Corporation. (See Gere, Rollin C., assignor.)
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Power shovel. 1,995,824; Mar. 26.
- Sloane, William W., Chicago, Ill., assignor, by mesne assignments, to Lima Locomotive Works, Incorporated, Lima, Ohio. Hydraulic power shovel. 2,005,482; June 15.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Feeder head for shaker or jigging conveyers. 2,005,567; June 18.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Power shovel. 2,006,607; July 2.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,007,817; July 9.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,017,573; Oct. 15.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,020,003; Nov. 5.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Drive mechanism for shaker conveyers. 2,026,103; Dec. 31.
- Slocum, James, Detroit, Mich. Chimney spark arrester. 1,997,204; Apr. 9.
- Slocum, James, Detroit, Mich. Base for chimney spark arresters. 2,025,832; Dec. 31.
- Slocum, Joseph H., Venice, Calif. Well cementing apparatus. 2,013,674; Sept. 10.
- Slocum, Joseph H., Long Beach, Calif. Dumping apparatus. 2,013,863; Sept. 10.
- Slocum, Stephen E., Ardmore, Pa. Centrifugal pump. 2,013,078; Sept. 3.
- Slocum, Stephen E., Ardmore, Pa. Mechanism for balancing impellers. 2,013,079; Sept. 3.
- Slocumb, Lloyd Q., et al. (See Gage, Edward G., assignor.)
- Sloman, Cheri M. (See Abbott, A. O., Jr., and Sloman.)
- Sloman, Max. (See Hamilton, Harold L., assignor.)
- Slonneger, John C., Milwaukee, Wis. Counterweight mechanism for oil well pumps. 2,023,554; Dec. 10.
- Slotnick, Morris M. (See Blau, L. W., Slotnick, and Satham.)
- Slough, Frank M., Cleveland, Ohio, assignor to The Anderson Company. Temperature indicator. 2,022,440; Nov. 26.
- Slovan, Jerome J., Red Bank, N. J. Heat generator. 1,994,968; Mar. 19.
- Slovan, Jerome J., Red Bank, N. J. Oil burner. 2,003,700; June 4.
- Slovan, Jerome J., Red Bank, N. J. Regulator. 2,008,842; July 23.
- Slusher, Frank. (See Heldenbrand, C. H., Haren, and Slusher.)
- Slutsky, Samuel. (See Madan, Edward K., assignor.)
- Slutz, Thomas W., Cleveland, Ohio. Shock absorbing device. 1,988,342; Jan. 15.
- Sly, Caryl, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resinous composition. 2,009,029; July 23.
- Sly, Caryl, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resinous composition. 2,022,011; Nov. 26.
- Slye, Edward A., East Hartford, Conn., assignor to Veeder-Root Incorporated. Counter. 2,004,881; June 11.
- Small, Alexander G., Pasadena, Calif. Warning and sound device. 1,996,494; Apr. 2.
- Small, Alfred B. (See House, S. G., and Small.)
- Small, Arthur E., assignor, by mesne assignments, to American Steel Foundries, Chicago, Ill. Coupler with hinged shank. 1,993,570; Mar. 5.
- Small, Arthur E., assignor to Union Metal Products Company, Chicago, Ill. Operating device for car couplers. 2,004,588; June 11.
- Small, Arthur E., Beverly Shores, Ind., assignor to Union Metal Products Company, Chicago, Ill. Railway car side wall. 2,010,381; Aug. 6.
- Small, Arthur E., Beverly Shores, Ind., assignor to Union Metal Products Company, Chicago, Ill. Railway car wall. 2,010,382; Aug. 6.
- Small, C. T., Manufacturing Company. (See Mundy, William J., assignor.)
- Small, Francis G., Battersea, London, England. Road construction. 2,018,581; Oct. 22.
- Small, Guy O., Lynn, Mass., assignor to General Electric Company. Nonmetallic beveled gear wheel. 1,986,608; Jan. 1.
- Small, Jacob H., Detroit, Mich. Frying attachment for gas stoves. 2,011,125; Aug. 13.
- Small, John W., and A. G. Dawson, Richmond, Va., and C. W. Bunnifont, Huntington, W. Va. Blow-off muffler. 1,993,863; Mar. 12.
- Small, Norman M., assignor to Frick Company, Waynesboro, Pa. Liquid circulating system. 2,016,056; Oct. 1.
- Small, Thomas W., Huntington, Ind. Automatic record changing phonograph. 1,991,964; Feb. 19.
- Smullen, Harry M., Brooklyn, N. Y. Marking device. 2,018,746; Oct. 29.

- Smallen, Harry M., Brooklyn, N. Y. Identification branding machine. 2,022,831; Dec. 3.
- Smallenberger, Le Roy C. (See Falk, Harry B., assignor.)
- Smalley, Burton M., assignor to Joslyn Mfg. & Supply Co., Chicago, Ill. Guard for guy wires and the like. 1,988,667; Jan. 22.
- Smalley, Lee L., assignor to Bendix-Cowdrey Brake Tester, Inc., South Bend, Ind. Apparatus for testing brakes. 2,022,057; Nov. 26.
- Smalley, Merwin N., Westwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stationery guiding instrumentality. 2,017,636; Oct. 15.
- Smallhouse, Albert A., Los Angeles, Calif., assignor to Gillespie Auto Laundry System, Inc., Chicago, Ill. Circular type wash rack or laundry. 2,021,026; Nov. 12.
- Smallwood, Alfred, and J. Fallon, Birmingham, England. Conveyance of goods through furnaces and the like. 1,997,318; Apr. 9.
- Smart, Joseph F., assignor to Landers, Frary & Clark, New Britain, Conn. Thermostat. 2,012,323; Aug. 27.
- Smead, Edward L., Mexico, D. F., Mexico. Boiler scale and rust removing composition. 2,012,641; Aug. 27.
- Smede, Lloyd, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Starting circuits. 2,008,730; July 23.
- Smedley, Anderson E., Flushing, assignor to Anaconda Wire & Cable Company, New York, N. Y. Electrical conductor. 2,004,589; June 11.
- Smelker, Le Roy, assignor to The Dayton Accessories Manufacturing Company, Dayton, Ohio. Vehicle seat. 2,005,112; June 18.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,999,667; Apr. 30.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,008,371; July 16.
- Smellie, Donald G., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,014,118; Sept. 10.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Ball bearing. 2,015,198; Sept. 24.
- Smeltzer, Ernest C., Indianapolis, Ind. Shoe iron. 1,990,142; Feb. 5.
- Smetana, Otto F. (See Goetsch, G. W., and Smetana.)
- Smetana, Otto F., Philadelphia, assignor to Textile Machine Works, Wyomissing, Pa. Transfer device. 1,999,305; Apr. 30.
- Smidel, Oscar G., Chicago, Ill. Treating metals to prevent spotting out. 2,009,278; July 23.
- Smith, F. L., & Co. (See Fasting, Johan S., assignor.)
- Smith, F. L., & Co. (See Larsen, Axel, assignor.)
- Smith, F. L., & Co. (See Lindhard, Povl T., assignor.)
- Smith, F. L., & Co. (See Middelboe, Kristian, assignor.)
- Smith, F. L., & Co. (See Middelboe, K., and Nielsen, assignors.)
- Smith, F. L., & Co. (See Nielsen, Niels, assignor.)
- Smith, F. L., & Co. (See Vogel-Jorgensen, Mikael, assignor.)
- Smith, Leonard, New York, assignor to Aldur Corporation, Brooklyn, N. Y. Molding urea formaldehyde condensation products. 2,013,702; Sept. 10.
- Smiley, John B. (See Cullen, Ernest, assignor.)
- Smiley, Lloyd D., assignor to one-third to Charles D. Altick, and one-third to E. T. Turner, Dayton, Ohio. Method and apparatus for fiber liberation. 2,011,595; Aug. 20.
- Smiley, Orvall, Indianapolis, Ind. Product for treating bitumens. 2,005,113; June 18.
- Smith, A. O., Corporation. (See Andrus, Orrin E., assignor.)
- Smith, A. O., Corporation. (See Andrus, O. E., and Willborg, assignors.)
- Smith, A. O., Corporation. (See Brown, E. H., Pokras, and Rathbone, assignors.)
- Smith, A. O., Corporation. (See Burgess, Edward W., assignor.)
- Smith, A. O., Corporation. (See Burgess, E. W., and Vehling, assignors.)
- Smith, A. O., Corporation. (See Crawford, William E., assignor.)
- Smith, A. O., Corporation. (See Hansen, Thorvald, assignor.)
- Smith, A. O., Corporation. (See Harris, Herbert, assignor.)
- Smith, A. O., Corporation. (See Hasche, Rudolph L., assignor.)
- Smith, A. O., Corporation. (See Heineman, Warren F., assignor.)
- Smith, A. O., Corporation. (See Hoyt, S. L. and Archer, assignors.)
- Smith, A. O., Corporation. (See Jaeger, Hans, assignor.)
- Smith, A. O., Corporation. (See Jasper, T. M., assignor.)
- Smith, A. O., Corporation. (See Larson, Clas S., assignor.)
- Smith, A. O., Corporation. (See Larson, Louis J., assignor.)
- Smith, A. O., Corporation. (See Martin, Wesley G., assignor.)
- Smith, A. O., Corporation. (See Reed, Daniel J., assignor.)
- Smith, A. O., Corporation. (See Sherman, D. W., and Schilberg, assignors.)
- Smith, A. O., Corporation. (See Straty, Stephen, assignor.)
- Smith, A. O., Corporation. (See Stresau, Richard, assignor.)
- Smith, A. O., Corporation. (See Stresino, Carlo, assignor.)
- Smith, A. O. Corporation. (See Ziska, Adam, assignor.)
- Smith, Aaron, St. Louis, Mo. Toy. 2,013,114; Sept. 3.
- Smith, Abraham, Erie, Pa. Combined writing and drawing instrument. 2,017,737; Oct. 15.
- Smith, Albert K. (See Hampton, L. N., and Smith.)
- Smith, Alexander, Jr., New York, N. Y. Auxiliary metatarsal cushion for shoes. 2,018,233; Oct. 22.
- Smith, Alfred J., Detroit, Mich., assignor to Woodall Industries Incorporated. Body trim structure. 2,003,396; June 4.
- Smith, Algy J., Bloomfield, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for fabricating glassware. 1,986,765; Jan. 1.
- Smith, Algy J., Bloomfield, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for and fabricating glassware. 1,986,766; Jan. 1.
- Smith, Algy J., Bloomfield, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for forming hollow glassware. 1,992,510; Feb. 26.
- Smith, Algy J., Bloomfield, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Glassware takeout mechanism. 1,999,742; Apr. 30.
- Smith, Allen N., Patterson, Ga. Tool. 1,992,511; Feb. 26.
- Smith, Alonzo L., Houston, Tex. Leak detector for pipe lines. 2,008,934; July 23.
- Smith, Anthony A., Chicago, Ill. Valve mechanism for explosive engines. 2,011,124; Aug. 13.
- Smith, Anthony, Syracuse, N. Y. Golf club rack. 2,024,484; Dec. 17.
- Smith, Anthony N., assignor to The Girard Model Works, Inc., Girard, Pa. Electrically lighted toy. 2,002,358; May 21.
- Smith, Anthony N., assignor to The Girard Model Works, Inc., Girard, Pa. Battery lighting system. 2,013,080; Sept. 3.
- Smith, Anthony N., assignor to The Girard Model Works, Inc., Girard, Pa. Transformer. 2,019,196; Oct. 29.
- Smith, Anthony N., assignor to The Girard Model Works, Inc., Girard, Pa. Roller skate. 2,021,435; Nov. 19.
- Smith, Archibald C., Rochester, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 2,013,072; Sept. 3.
- Smith, Arnold D. (See Smith, H. J., Beichel, Smith, A. D., and Potter.)
- Smith, Arthur, Pasadena, Calif. Scrub bucket dolly. 2,001,894; May 21.
- Smith, Arthur B., Evanston, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Amplifying device. 1,986,984; Jan. 8.
- Smith, Arthur D., assignor to Jenkins Petroleum Process Company, Chicago, Ill. Process and apparatus for increasing the octane value of liquid hydrocarbon motor fuels. 1,992,512; Feb. 26.
- Smith, Arthur E., Los Angeles, Calif. Syringe and ampule therefor. 1,993,629; Mar. 5.
- Smith, Arthur E., Los Angeles, Calif. Syringe. 1,993,630; Mar. 5.
- Smith, Arthur E., Los Angeles, Calif. Hypodermic syringe. 2,025,219; Dec. 24.
- Smith, Arthur G., Aldwych, London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone cable. 2,014,214; Sept. 10.
- Smith, Arthur W. (See Smith, Herbert E. and A. W.)
- Smith, August A., St. Louis, Mo. Garment hanger. 1,991,987; Feb. 19.
- Smith, August L., Harrison, N. Y. Device for introducing dry granular materials into the soil. 2,005,598; June 18.
- Smith, Bascom, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,025,910; Dec. 31.
- Smith, Beauford B., Silverton, Oreg. Aircraft. 2,008,843; July 23.
- Smith, Benjamin H., Bloomfield, N. J. Toy steam engine. 2,015,438; Sept. 24.
- Smith, Benjamin H., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company. Thermal motor device. 1,987,717; Jan. 15.
- Smith, Benjamin H., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Demand meter. 2,003,016; May 28.
- Smith, Benjamin H., assignor to Michigan Wire Goods Company, Niles, Mich. Hand grill. 2,005,010; June 18.
- Smith, Bernard, Headingley, Leeds, England. Exhaust silencer for internal combustion engines. 2,019,697; Nov. 5.
- Smith, Bert, Teaneck, N. J., assignor to The Superheater Company, New York, N. Y. Superheater support. 2,003,838; June 4.
- Smith, Bessie L., Avon Park, Fla. Portable bench for packing houses. 2,019,438; Oct. 29.
- Smith, Blanchard D., New Orleans, La., assignor by mesne assignments, to Mills Novelty Company, Chicago, Ill. Coin-controlled dice machine. 2,007,259; July 9.
- Smith, Bowman S., Stockton, Calif. Gas saving deflector. 2,005,982; June 25.
- Smith, Bruce N., assignor to one-half to N. P. Smith, Seattle, Wash. Hose grip. 2,022,158; Nov. 26.

- Smith, Carleton N., Lakewood, Ohio, assignor to National Carbon Company, Inc. Preparing molding powder. 1,992,638; Feb. 26.
- Smith, Carleton N., Lakewood, and N. K. Chaney, Cleveland Heights, Ohio, assignors to National Carbon Company, Inc. Brush molding composition and making the same. 2,020,085; Nov. 5.
- Smith, Carlisle F., Elmira, assignor to American La France and Foamite Corporation, New York, N. Y. Apparatus for discharging sealed containers. 1,998,593; Apr. 23.
- Smith, Carlisle F., Elmira, assignor to American-La France and Foamite Corporation, New York, N. Y. CO₂ fire extinguishing system. 1,998,594; Apr. 23.
- Smith, Carroll C. (See Williams, I., and Smith.)
- Smith, Charles, A. E. Prohaska, and A. L. Wilson, assignors of one-fourth to O. B. Schmidt, Denver, Colo. Rotary pump. 2,003,615; June 4.
- Smith, Charles B., Marion, Ind., assignor to Owens-Illinois Glass Company. Glassware forming machine. 1,988,579; Jan. 22.
- Smith, Charles C., East Cleveland, assignor to Monmouth Products Company, Cleveland, Ohio. Soap lather dispenser. 1,987,756; Jan. 15.
- Smith, Charles C., assignor to The Matchless Company, Cleveland, Ohio. Hollow article. 2,018,094; Oct. 22.
- Smith, Charles G., Medford, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electric lamp. 2,015,324; Sept. 24.
- Smith, Charles L., assignor of one-half to H. A. Smith, St. Louis, Mo. Photography machine. 1,995,825; Mar. 26.
- Smith, Chris E., Detroit, Mich., assignor to The Murray Corporation of America. Disappearing top construction. 1,996,595; Apr. 2.
- Smith, Clarence C., assignor to Union Special Machine Company, Chicago, Ill. Feeding mechanism for sewing machines. 1,992,781; Feb. 26.
- Smith, Clarence M. (See Craft, Walter B., assignor.)
- Smith, Clifford H., assignor to American Model Engineers, Chicago, Ill. Diaphragm for model passenger cars. 1,988,755; Jan. 22.
- Smith, Clifford W., administrator, et al. (See Roberts, Arthur A.)
- Smith, Clinton N., Clayville, N. Y. Electric cooker. 2,007,260; July 9.
- Smith, Clyde, Hopkinsville, Ky., assignor to International Communications Laboratories, Inc., New York, N. Y. Stock quotation posting and margin calculating machine. 2,005,807; June 25.
- Smith, Coleen S., Otis Orchard, Wash. Dredging apparatus. 2,017,296; Oct. 15.
- Smith, Colman. (See Smith, Gabriel, and C.)
- Smith, Corinne S., Walkerton, Ind. Cover for chickens. 2,006,118; June 25.
- Smith, Cyril S., Cheshire, Conn., assignor, by mesne assignments, to Battelle Memorial Institute, Columbus, Ohio. Improvement of malleable iron castings. 2,024,014; Dec. 10.
- Smith, Cyril Stanley, Cheshire, and E. W. Palmer, assignors to The American Brass Company, Waterbury, Conn. Copper-iron alloy. 1,999,850; Apr. 30.
- Smith, Daniel L., San Francisco, Calif. Dispensing machine. 1,987,914; Jan. 15.
- Smith, David A. (See Miller, C. A., and Smith.)
- Smith, David M., Hermosa Beach, assignor to Emeco Derrick & Equipment Company, Los Angeles, Calif. Rotary machine having improved oil circulation means. 2,017,260; Oct. 15.
- Smith, David M., Hermosa Beach, assignor to Emeco Derrick & Equipment Company, Los Angeles, Calif. Oil inclosed rotary. 2,020,004; Nov. 5.
- Smith, David M., Hermosa Beach, assignor to Emeco Derrick & Equipment Company, Los Angeles, Calif. Rotary machine. 2,025,250; Dec. 24.
- Smith, David M., Stretford, England, assignor to General Electric Company. Braking equipment. 2,019,322; Oct. 20.
- Smith, Douglas Y., East Orange, N. J., assignor to Westinghouse Lamp Company. Apparatus for heat treating electrodes. 1,993,022; Mar. 5.
- Smith, Douglas Y., East Orange, N. J., assignor to Radio Corporation of America. Mount for electron discharge devices. 2,022,984; Dec. 3.
- Smith, Drum & Company. (See Drum, G. E., and Jaxheimer, assignors.)
- Smith, Drum and Company. (See Drum, H. S., and Dodson, assignors.)
- Smith, Earl C., Canton, assignor to Republic Steel Corporation, Youngstown, Ohio. Steel making process. 2,025,425; Dec. 24.
- Smith, Earl K. (See Edwards, D. V., and Smith.)
- Smith, Earle R., Alhambra, Calif., assignor, by mesne assignments, to E. F. Callan. Comb attachment for carpet sweepers. 2,001,982; May 21.
- Smith, Earle S., assignor to The Toledo Porcelain Enamel Products Company, Toledo, Ohio. Odor eliminating device. 2,001,828; May 21.
- Smith, Ed S., Jr., assignor to Builders Iron Foundry, Providence, R. I. Apparatus for metering through the medium of the versed sine. 2,003,839; June 4.
- Smith, Ed S., Jr., assignor to Builders Iron Foundry, Providence, R. I. Speed governor for hydraulic drives. 2,004,638; June 11.
- Smith, Edsel K. (See Johns, G. M., Smith, and Richards.)
- Smith, Edward A., Chatham, N. J., assignor, by mesne assignments, to Caisson Contracting Company, New York, N. Y. Water tight telescopic Kelly. 2,007,666; July 9.
- Smith, Edward C., Harrisburg, Pa. Manufacturing light weight cylinders. 1,987,718; Jan. 15.
- Smith, Edward C., Santa Barbara, Calif. Stone shaping device. 1,998,642; Apr. 23.
- Smith, Edward C., Nashua, N. H., assignor to American Reinforced Paper Company, Attleboro, Mass. Composite reinforced paper fabric. 2,026,194; Dec. 31.
- Smith, Edward W., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Machine for turning storage battery plates from horizontal to vertical positions. 2,006,844; July 2.
- Smith, Edward W., Philadelphia, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Envelope separator. 2,010,498; Aug. 6.
- Smith, Edward W., Milrose, assignor to Submarine Signal Company, Boston, Mass. Direction and distance measurement. 2,010,968; Aug. 13.
- Smith, Edward W., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Storage battery plate. 2,026,193; Dec. 31.
- Smith, Edwin C., Providence, R. I., assignor to Rhode Island Warp Stop Equipment Company, Portland, Maine. Fixture for mounting electric warp stop motions. 1,994,594; Mar. 19.
- Smith, Edwin C., Providence, R. I., assignor to Rhode Island Warp Stop Equipment Company, Portland, Maine. Filling feeder for looms. 2,023,705; Dec. 10.
- Smith, Edwin C., Providence, and W. J. McLaughlin, Pawtucket, R. I., assignors to Rhode Island Warp Stop Equipment Company, Portland, Maine. Stopping device for looms or the like. 1,994,595; Mar. 19.
- Smith, Edwin F., Prospect Park, Pa., assignor to The Fulton Siphon Company, Knoxville, Tenn. Temperature control system. 2,006,282; June 25.
- Smith, Edwin R., assignor to Seneca Falls Machine Company, Seneca Falls, N. Y. Apparatus for turning non-circular work. 2,008,474; July 16.
- Smith, Edwin R., and W. J. Pearson, assignors to Seneca Falls Machine Company, Seneca Falls, N. Y. Work feeding mechanism for machine tools. 1,993,754; Mar. 12.
- Smith, Edwin R., and A. Schinkez, assignors to Seneca Falls Machine Company, Seneca Falls, N. Y. Work-handling mechanism for centering and like machines. 2,004,540; June 11.
- Smith, Elberon D., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Cigarette cut-off. 1,992,722; Feb. 26.
- Smith, Elberon D., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Cigarette rod sealer. 1,992,723; Feb. 26.
- Smith, Elberon D., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Cigarette machine feeding and compressing mechanism. 1,998,146; Apr. 16.
- Smith, Eliza K., et al., executors. (See Kennedy, Julian.)
- Smith, Elmer L., Longmeadow, and F. R. Clark, assignors to Package Machinery Company, Springfield, Mass. Wrapping machine. 1,989,385; Jan. 29.
- Smith, Elmer L., Longmeadow, and Carlton Wetzel, assignors to Package Machinery Company, Springfield, Mass. Wrapper gluing device. 2,016,933; Oct. 8.
- Smith, Elsworth J., Hastings, Iowa. Rotary self-cleaning harrow. 2,020,620; Nov. 12.
- Smith, Emil, Flint, Mich. Apparatus for cutting shoe soles and heels. 1,999,918; Apr. 30.
- Smith Engineering Works. (See Rumpel, Harvey H., assignor.)
- Smith, Ernest J., Fleet Street, England, assignor to The Goss Printing Press Company, Chicago, Ill. Web controlling mechanism. 1,995,722; Mar. 26.
- Smith, Ernest J., Fleet Street, London, England, assignor to The Goss Printing Press Company, Chicago, Ill. Inking mechanism and method. 2,018,193; Oct. 22.
- Smith, Ernest L., San Francisco, Calif. Hair waving device. 2,003,811; June 4.
- Smith, Ernest W., and A. Charles, London, England. Coin mechanism for gas and electricity meters and the like. 1,988,054; Jan. 15.
- Smith, Eugene B. (See De Onz, E. R., and Smith.)
- Smith, Eugene H., and M. E. Hills, Aberdeen, Wash. Attachment for shoes. 1,998,971; Apr. 23.
- Smith, Eugene J., assignor to Continental Oil Company, Ponca City, Okla. Refining lubricating oil. 1,998,292; Apr. 16.
- Smith, Ferris N., Grand Rapids, Mich. Humidifier. 2,000,356; May 7.
- Smith, Ferris N., Grand Rapids, Mich. Humidifier. 2,018,097; Oct. 22.
- Smith, Francis H. (See Calcott, W. S., Smith, and Barnhart.)
- Smith, Francis H., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Brown disazo dyes. 2,022,606; Nov. 26.
- Smith, Francis H., Woodstown, N. J., and C. K. Black, Wilmington, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dye and method for its preparation. 2,018,234; Oct. 22.
- Smith, Francis T., and C. B. Polhemus, San Jose, Calif. Lock sealing means. 2,001,354; May 14.

- Smith, Frank H., Summit, assignor to Elevator Supplies Company, Incorporated, Hoboken, N. J. Electrohydraulic motor. 1,998,103; Apr. 16.
- Smith, Frank J., Johnstown, Pa. Electric water heater. 2,024,783; Dec. 17.
- Smith, Frank J., Kansas City, Mo., assignor to Standard Oil Company, Chicago, Ill. Throttle valve. 2,002,965; May 28.
- Smith, Frank L., assignor of one-twentieth to P. A. Friedell and thirty per cent to E. D. Harnden, Oakland, Calif. Flash-compact. 1,993,250; Mar. 5.
- Smith, Frank R., Sandusky, Ohio. Skate. 2,019,738; Nov. 5.
- Smith, Frank W. (See Haak, F., and Smith.)
- Smith, Frank W., Buffalo, N. Y. Business and discount cards. 1,999,485; Apr. 30.
- Smith, Franklin D. (See Conover, C. Smith, and Benz.)
- Smith, Fred A., Chicago, Ill. Toe pad. 1,996,083; Apr. 2.
- Smith, Frederick A., assignor to Oakes Products Corporation, North Chicago, Ill. Fenderwell lock. 1,991,181; Feb. 12.
- Smith, Frederick A., Waukegan, assignor to Oakes Products Corporation, North Chicago, Ill. Window wing. 1,995,365; Mar. 26.
- Smith, Frederick A., North Chicago, Ill., assignor, by mesne assignments, to Houde Engineering Corporation, Buffalo, N. Y. Adjustable window wing. 2,008,160; July 16.
- Smith, Frederick A., assignor to Oakes Products Corporation, North Chicago, Ill. Brake lever. 2,020,005; Nov. 5.
- Smith, Frederick B., Jackson Heights, N. Y., assignor to Celanese Corporation of America. Making a textile fabric. 2,022,391; Nov. 26.
- Smith, Frederick C., Jr., assignor to Hughes Tool Company, Houston, Tex. Bleeder for drill stems. 2,011,089; Aug. 13.
- Smith, Frederick P., Glassboro, N. J. Self-refilling manometer. 1,997,437; Apr. 9.
- Smith, Fredrick A., assignor, by mesne assignments, to Oakes Products Corporation, Detroit, Mich. Tire lock. 1,991,180; Feb. 12.
- Smith, Gabriel, and C. Smith, Leyton, London, England. Machine for dusting sheet materials. 2,003,267; May 28.
- Smith, George A., assignor, by mesne assignments, to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Well surveying device. 1,999,215; Apr. 30.
- Smith, George E., Cincinnati, Ohio. Automobile seat. 2,020,438; Nov. 12.
- Smith, George H., Worcester, Mass. Rotary motor. 1,995,755; Mar. 26.
- Smith, George H., Worcester, Mass. Constant speed variable delivery rotary pump. 1,995,756; Mar. 26.
- Smith, George L., South Bend, Ind., assignor to United States Ordnance Company, Washington, D. C. Automatic brake mechanism for vehicles. 2,019,101; Oct. 29.
- Smith, George L., and W. F. Smith, Canoga Park, Calif. Siphonage breaker. 2,021,390; Nov. 19.
- Smith, George S., Chicago, Ill. Attachment for copy holding line indicating machines. 2,025,313; Dec. 24.
- Smith, George T., assignor to Herbert Morris Limited, Loughborough, England. Discharge device for use with conveyers. 2,013,292; Sept. 3.
- Smith, George W., Pittsburgh, assignor to J. M. Hopwood, Dormont, Pa. Control system and relay device therefor. 2,016,824; Oct. 8.
- Smith, George W., assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Noncaking metaphosphate. 2,024,543; Dec. 17.
- Smith, George W., Jr., assignor to The White Motor Company, Cleveland, Ohio. Constructing valve seats for internal combustion engines and similar mechanisms. 1,999,599; Apr. 30.
- Smith, Gertrude L., Los Angeles, Calif. Butter and cheese cutter. 2,023,706; Dec. 10.
- Smith, Glenn J. (See Thomas, Claud L., assignor.)
- Smith, Gordon, & Company. (See Smith, Thomas G., assignor.)
- Smith, Grant D., Hoosick Falls, N. Y., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Jordan engine. 2,009,976; July 30.
- Smith, Grover C., Los Angeles, Calif. Grease gun. 2,013,864; Sept. 10.
- Smith, H. B. Company, The. (See Smith, S. K., Cowles, and Cross, assignor.)
- Smith, Hadley, Royal Oak, assignor to Hupp Motor Car. Feb. 5.
- Smith, Hale G., Jackson Heights, assignor to Aerial Explorations Inc., New York, N. Y. Measuring device. 2,016,346; Oct. 8.
- Smith, Harold. (See Willshaw, H., Smith, and Yoxon.)
- Smith, Harold A., Needham, assignor to Frank W. Gorse Co., Needham Heights, Mass. Covered elastic thread and covering such thread. 1,992,448; Feb. 26.
- Smith, Harold E., Dallas, Tex. Machine for twisting doughy substances. 1,998,560; Apr. 23.
- Smith, Harold E., Wildwood, N. J. Chimney construction. 2,011,018; Aug. 13.
- Smith, Harold F., Fairport, assignor to American Can Company, New York, N. Y. Solder wiper. 1,985,906; Jan. 1.
- Smith, Harold K., Oak Park, Ill., assignor to The Gould Coupler Company, New York, N. Y. Coupler. 1,989,027; Jan. 22.
- Smith, Harold L., South Euclid, Ohio. Electrical circuit. 1,992,246; Feb. 26.
- Smith, Harold M., and H. T. Rall, Bartlesville, Okla. Treating gaseous hydrocarbons. 1,995,329; Mar. 26.
- Smith, Harold M., P. Grandone, and H. T. Rall, Bartlesville, Okla. Treating gaseous hydrocarbons. 1,995,330; Mar. 26.
- Smith, Harold O., Indianapolis, Ind. Electrical wire connection. 2,021,701; Nov. 19.
- Smith, Harold W., and J. E. McCarty, assignors to Kelly-Springfield Tire Company, Cumberland, Md. Vulcanizable patch. 2,012,935; Aug. 27.
- Smith, Harris A. (See Hall, F. W., and Smith.)
- Smith, Harry D., Philadelphia, Pa., assignor to Globe Machinery & Supply Company, Des Moines, Iowa. Hoist. 1,987,083; Jan. 8.
- Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 1,996,441; Apr. 2.
- Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Gas burner. 2,015,822; Oct. 1.
- Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,022,787; Dec. 3.
- Smith, Harry N., Detroit, Mich., assignor to American Brakeblok Corporation, New York, N. Y. Machine for making friction elements. 2,012,833; Aug. 27.
- Smith, Harry S. (See Suren, N. H., and Smith.)
- Smith, Hattie. (See Bontemps, Joseph, assignor.)
- Smith, Harvey A. (See Smith, Charles L., assignor.)
- Smith, Hazer J., assignor to Superstat Company, Springfield, Mass. Balanced thermostat. 2,007,384; July 9.
- Smith, Henry B. (See Carroll, S. J., and Smith.)
- Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose organic ester composition containing pinacol. 1,997,319; Apr. 9.
- Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulosic composition of matter containing an alkyl phosphate. 2,021,901; Nov. 26.
- Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose mixed and higher ester compositions containing trialkyl phosphates. 2,021,902; Nov. 26.
- Smith, Henry L., Dunedin, Fla., assignor to Food Machinery Corporation, San Jose, Calif. Single file feeding device. 1,992,331; Feb. 26.
- Smith, Henry W. (See Ashworth, E. M., Ambuhl, and Smith.)
- Smith, Herbert, Clinton, Mass., assignor to E. C. Bowers and C. L. Feldman, receivers for Wickwire Spencer Steel Company, New York, N. Y. Convection type radiator enclosure. 2,005,808; June 25.
- Smith, Herbert C., Los Angeles, Calif., assignor to Coast Insulating Company. Acoustic tile. 2,014,749; Sept. 17.
- Smith, Herbert E., and A. W. Gloucester, Mass. Apparatus for conditioning air. 2,002,802; May 28.
- Smith, Herbert M., Flossmoor, Ill. Photographic apparatus. 1,988,022; Jan. 15.
- Smith, Herman A. (See Thomson, G. H., Stafford and Smith.)
- Smith, Herschel G. (See Ayres, E., and Smith.)
- Smith, Herschel G., Swarthmore, assignor to Gulf Refining Company, Pittsburgh, Pa. Dewaxing lubricating oils. 1,989,028; Jan. 22.
- Smith, Herschel G., Swarthmore, Pa., assignor to Gulf Refining Company, Pittsburgh, Pa. Manufacture of heavy lubricating oils. 1,999,486; Apr. 30.
- Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Tractor mounted cultivator. 2,005,568; June 18.
- Smith, Hiram T. (See Gilstrap, C. L., and Smith.)
- Smith, Homer F., Chicago, Ill., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon sheet material. 2,025,133; Dec. 24.
- Smith Hood & Seal Corporation. (See Roehm, J. G., and Bliss, assignors.)
- Smith, Horace J., H. F. Beichel, A. D. Smith, and C. C. Potter, assignors to Ward Heater Co., Ltd., Los Angeles, Calif. Floor furnace. 1,999,306; Apr. 30.
- Smith, Horace L., Jr., Richmond, Va. Garage construction. 2,026,326; Dec. 31.
- Smith, Horace L., Jr., assignor to Thermal Engineering Corporation, Richmond, Va. Fluid duct. 1,996,596; Apr. 2.
- Smith, Horace L., Jr., assignor to Thermal Engineering Corporation, Richmond, Va. Air distribution. 2,001,801; May 21.
- Smith, Horace L., Jr., assignor to Thermal Engineering Corporation, Richmond, Va. Moisture extraction. 2,003,397; June 4.
- Smith, Horace L., Jr., and L. N. Jones, assignors to Thermal Engineering Corporation, Richmond, Va. Heating and cooling system. 1,993,288; Mar. 5.
- Smith, Horace S., and T. J. Wilson, Hubbard, Ohio. Roaster. 2,012,733; Aug. 27.
- Smith, Horatio W. (See Braasch, A. D., Smith, and Walton.)
- Smith, Howard F., Birmingham, England. Holder for stair carpets. 2,000,259; May 7.

- Smith, Howard G., Chinchilla, Pa. Steel boiler. 2,011,164; Aug. 13.
- Smith, Howard L., Lexington, Ky. Knife stabilizer for mowers and reapers. 2,024,309; Dec. 17.
- Smith, Irwin J., Albany, N. Y. Bleaching vegetable fibers. 2,020,437; Nov. 12.
- Smith, J. Fred, et al. (See Comer, Earle R., assignor.)
- Smith, James J., deceased, Philadelphia, M. Smith and Provident Trust Company, executors, assignors, by mesne assignments, to M. Smith, Glenside, Pa. Receiptable lifter. 1,998,771; Apr. 23.
- Smith, James J., Schenectady, N. Y., assignor to General Electric Company. Harmonic suppression means for space discharge apparatus circuits. 2,008,519; July 16.
- Smith, James M., Jr. (See Zahner, G. B., Jr., and Smith.)
- Smith, James M., assignor to The Kennedy Car Liner & Bag Co., Shelbyville, Ind. Box liner. 2,017,608; Oct. 15.
- Smith, Jesse A. B., Stamford, Conn., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Function control device. 1,992,399; Feb. 26.
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,010,162; Aug. 6.
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,017,135; Oct. 15.
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,020,744; Nov. 12.
- Smith, John A., assignor to The United States Electrical Tool Company, Cincinnati, Ohio. Apparatus for air purification. 1,986,378; Jan. 1.
- Smith, John C., assignor to The United States Electrical Tool Company, Cincinnati, Ohio. Dust separating apparatus. 1,991,337; Feb. 12.
- Smith, John C., and G. H. Campbell, assignors to Solar Laboratories, Monaca, Pa. Stencil method and apparatus. 2,005,809; June 25.
- Smith, John C. and G. H. Campbell, Beaver, Pa., assignors to Solar Laboratories, Monaca, Pa. Apparatus for stenciling ware. 2,009,098; July 23.
- Smith, John E., assignor to Knapp-Monarch Company, Belleville, Ill. Producing coated elements. 1,987,915; Jan. 15.
- Smith, John E., assignor to Knapp-Monarch Company, Belleville, Ill. Electrical connector plug. 1,989,949; Feb. 5.
- Smith, John E., assignor to Knapp-Monarch Company, Belleville, Ill. Percolator construction. 2,001,160; May 14.
- Smith, John F., Quincy, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Air control mechanism for shoe presses. 2,015,764; Oct. 1.
- Smith, John G., and R. Berner, Guelph, Ontario, Canada. Electric light socket. 2,013,793; Sept. 10.
- Smith, John H. (See McKay, C. R., and Smith.)
- Smith, John H., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon soles. 1,993,119; Mar. 5.
- Smith, John K., Lawrence, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacturing shoes. 2,005,054; June 18.
- Smith, John L. (See Pfeiffe, Frederick J., assignor.)
- Smith, John O., Cleveland, Ohio. Window ventilator. 1,992,782; Feb. 26.
- Smith, John P., Chicago, Ill., assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Slitting machine. 1,996,176; Apr. 2.
- Smith, John P., assignor to The Visking Corporation, Chicago, Ill. Apparatus and method for preparing sausage casings, etc. 2,016,841; Oct. 8.
- Smith, John R., McDonough, Ga., assignor to Henry Diston & Sons, Incorporated, Tacony, Pa. Gln saw filing machine. 1,989,561; Jan. 29.
- Smith, John W., Overbrook Manor, Philadelphia, Pa. Spray valve for combustion chambers. 1,986,418; Jan. 1.
- Smith, John W., Overbrook Manor, Pa. Autocopter aircraft. 2,023,105; Dec. 3.
- Smith, John W., assignor to The Fafnir Bearing Company, New Britain, Conn. Loading device. 2,005,666; June 18.
- Smith, John W., assignor to The Fafnir Bearing Company, New Britain, Conn. Bearing seal. 2,010,499; Aug. 6.
- Smith, Joseph, Jr. (See Farren, W. H., and Smith.)
- Smith, Joseph B., Manchester, N. H. Automatic clock setting mechanism. 1,997,979; Apr. 16.
- Smith, Joseph C., Kansas City, Mo. Automatic applicator. 2,017,924; Oct. 22.
- Smith, Joseph G., West Norwood, N. J., assignor to Consolidated Trimming Corporation, New York, N. Y. Ball-tassel for draperies and the like. 2,009,750; July 30.
- Smith, Joseph K., Detroit, Mich., assignor to The Perovillum Corporation, New York, N. Y. Gold alloy. 2,015,499; Sept. 24.
- Smith, Joseph L., Buffalo, N. Y., assignor, by mesne assignments, to Faries Manufacturing Company, Decatur, Ill. Lighter. 2,013,866; Sept. 10.
- Smith, Joseph R., Cumberland, Md. Tube sheet for boilers. 2,001,333; May 14.
- Smith, Joyce G., Egg Harbor City, and W. L. Foehl, Audubon, N. J. Picture building set. 1,991,298; Feb. 12.
- Smith, Judson W., Pontiac, Ill. Shoe pad. 1,986,124; Jan. 1.
- Smith, Kenneth, Kansas City, Mo. Golf club and manufacturing same. 1,997,889; Apr. 16.
- Smith, Kline & French Laboratories. (See Nabenhauer, Fred P., assignor.)
- Smith, L. C., & Corona Typewriters Inc. (See Avery, Henry A., assignor.)
- Smith, L. C., & Corona Typewriters, Inc. (See Bradt, Charles H., assignor.)
- Smith, L. C., & Corona Typewriters, Inc. (See Buckwell, Arthur W., assignor.)
- Smith, L. C., & Corona Typewriters, Inc. (See Flanigan, John J., assignor.)
- Smith, L. C., & Corona Typewriters, Inc. (See Gabrielson, Carl, assignor.)
- Smith, L. C., & Corona Typewriters, Inc. (See Gathmann, Otto E., assignor.)
- Smith, Landon D., Richmond Hill, N. Y. Curtain and drapery rod. 1,998,256; Apr. 16.
- Smith, Landon P., Inc. (See Lee, George L., assignor.)
- Smith, Landon P., Inc. (See Persson, Henry, assignor.)
- Smith, Lawrence C., Kenmore, N. Y. Refrigerating device. 1,986,379; Jan. 1.
- Smith, Lawrence C., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Beverage dispenser. 1,987,947; Jan. 15.
- Smith, Lawrence C., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigerant control device. 1,987,948; Jan. 15.
- Smith, Lawrence C., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigerating device. 1,994,440; Mar. 12.
- Smith, Lawrence C., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigerant compressor. 2,003,959; Feb. 25.
- Smith, Lawrence C., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigerant control device. 2,010,379; Aug. 13.
- Smith, Lawrence C., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Snap action valve. 2,010,500; Aug. 6.
- Smith, Lawrence C., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigerating apparatus. 2,014,703; Sept. 17.
- Smith, Lawrence C., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigerating device. 2,023,749; Dec. 10.
- Smith, Lawrence M., Chicago, Ill. Surgical appliance. 2,018,328; Oct. 22.
- Smith, Lee B. (See Bond, H. A., and Smith.)
- Smith, Lee T., Madison, N. J., and A. L. Thuras, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,003,908; June 4.
- Smith, Leo F., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission system. 2,009,074; July 23.
- Smith, Leonard C., assignor to Heating Ventilating & Air Conditioning Co., Inc., New York, N. Y. Air conditioning apparatus. 2,023,492; Dec. 10.
- Smith, Leonard G., Miami, Fla. Barbecuing stove. 2,001,116; May 14.
- Smith, Lester A., and R. A. Blunk, Grandmound, Iowa. Lubricator. 2,018,286; Oct. 22.
- Smith, Lewis A. (See Robinson, N. H., Frazier, Brown, and Smith.)
- Smith, Lewis E. (See Dwyer, W. C., and Smith.)
- Smith, Lewis E., Auburn, N. Y., assignor to International Harvester Company. Power driven potato digger. 1,988,254; Jan. 15.
- Smith, Lewis R., receiver. (See Anderson, Gustave A., assignor.)
- Smith, Lewis R., receiver. (See Jackson, Alfred F., assignor.)
- Smith, Lewis R., and W. A. Minkler, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control mechanism. 1,994,441; Mar. 12.
- Smith, Lloyd B., Moorestown, N. J., assignor to The Atlantic Refining Company, Philadelphia, Pa. Sludge treatment. 1,997,980; Apr. 16.
- Smith, Lloyd L., Minneapolis, Minn. Planting jar. 1,993,631; Mar. 5.
- Smith, Louis C., et al., trustees. (See Dodge, John S., assignor.)
- Smith, Louis H., El Cajon, Calif. Plow. 2,014,456; Sept. 17.
- Smith, Louise A., Buffalo, N. Y., assignor to F. N. Burt Company, Ltd., Toronto, Ontario, Canada. Box. 1,993,417; Mar. 5.
- Smith, Lybrand P., U. S. Navy. Multi-torsion-meter. 2,007,220; July 9.
- Smith, Mabel, executors et al. (See Smith, James J.)
- Smith, Marion F. (See Greider, H. W., and Smith.)
- Smith, Marion J. E., Brooklyn, N. Y. Purse kit. 1,999,669; Apr. 30.
- Smith, Mark C., Chicago, Ill. Shingling. 1,987,133; Jan. 8.
- Smith, Mark E., assignor to Union Iron Works, Erie, Pa. Steam generator. 2,001,437; May 14.
- Smith, Marshall A., Jr., South Bend, Ind. Transmission dynamometer. 2,007,505; July 9.
- Smith, Marshall A., Jr., assignor to Bendix Aviation Corporation, South Bend, Ind. Propeller. 2,007,506; July 9.

- Smith, Martin L., Norfolk, Va. Filter for tobacco smoking pipes. 2,009,279; July 23.
- Smith, Mary E., Rosedale, Kans. Gas burner attachment. 1,998,257; Apr. 16.
- Smith and Mills Company, The. (See Nobel, O. H., and Struewing, assignors.)
- Smith, Milo G. and J. C. Pine, assignors of one-third to R. N. Nelson, Madison, Wis. Storage battery terminal. 1,996,355; Apr. 2.
- Smith, Milton B., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Glider construction. 1,988,860; Jan. 22.
- Smith, Milton B., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Table. 1,997,660; Apr. 16.
- Smith, Milton B., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Glider frame. 2,017,170; Oct. 15.
- Smith, Minter, Sulphur Springs, Tex. Clutch. 2,014,990; Sept. 17.
- Smith, Nancy V., Dayton, Ohio. Surgical appliance. 2,026,104; Dec. 31.
- Smith, Neil P. (See Smith, Bruce N., assignor.)
- Smith, Nestor F. (See Howland, H. E., and Smith.)
- Smith, Noah B., R. M. Berry, and H. C. Knerr, Philadelphia, Pa. Recovering waste pickling solutions. 2,017,773; Oct. 15.
- Smith, Norman A., Adelaide, Australia. Instrument for enciphering and deciphering. 2,003,812; June 4.
- Smith, Omar H. (See Gibbons, W. A., and Smith.)
- Smith, Orin L., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Mail distributor. 2,006,486; July 2.
- Smith, Oscar T., Baltimore, Md. Display folio. 1,999,547; Apr. 30.
- Smith, Paul, Farmingdale, N. Y. Door operating device. 1,992,099; Feb. 19.
- Smith, Paul D., and D. H. Clary, Minneapolis, Minn. Centrifugal filtering and clarifying apparatus. 2,015,162; Sept. 24.
- Smith, Percy C., assignor to John F. Meyer, Chicago, Ill. Vending machine. 1,997,701; Apr. 16.
- Smith, Perley D., Methuen, Mass. Tie locking device. 2,006,815; July 2.
- Smith, Preston R., Rahway, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Bituminous emulsion and its production. 1,989,775; Feb. 5.
- Smith, Preston R., Rahway, and O. R. Douthett, Perth Amboy, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Bituminous emulsion and producing the same. 1,994,542; Mar. 19.
- Smith, Ralph E., assignor to The Galion Metallic Vault Co., Galion, Ohio. Spreader. 1,994,672; Mar. 19.
- Smith, Ralph E., assignor to The Galion Metallic Vault Company, Galion, Ohio. Power take-off mechanism. 2,016,934; Oct. 8.
- Smith, Ralph W., Ste. Genevieve, assignor to Peerless White Lime Company, St. Louis, Mo. Hydrated lime composition. 2,013,811; Sept. 10.
- Smith, Ralston R., Oakland, Calif. Ice shaving machine. 1,992,733; Feb. 26.
- Smith, Ralston R., Oakland, Calif. Combined orange reamer and beater. 2,003,521; June 4.
- Smith, Ray D., et al. (See Herring, Jesse B., assignor.)
- Smith, Raymond D., Pleasantville, N. Y. Plural set time switch. 2,004,137; June 11.
- Smith, Richard C., Seattle, Wash. Card dealing device. 2,001,220; May 14.
- Smith, Richard E., Birmingham, England. Trimming sheet metal pressings. 2,014,596; Sept. 17.
- Smith, Richard H., Jr., Hamilton, Mass. Oscillating piston for fluid meters. 2,016,347; Oct. 8.
- Smith, Robert A. (See Lubs, H. A., Fox, and Smith.)
- Smith, Robert B., Warren, Ohio. Road guard rail. 1,999,065; Apr. 23.
- Smith, Robert B., assignor to Bowers & Barksdale, Atlanta, Ga. Method and apparatus for conditioning fibrous material. 1,989,562; Jan. 29.
- Smith, Robert G., West Orange, N. J. Tool for removing bearings. 1,990,576; Feb. 12.
- Smith, Robert G., Clinton, Mass. Heel trimmer guard. 1,998,561; Apr. 23.
- Smith, Robert K., Bennington, Vt. Apparatus for marking cloth. 1,999,063; Apr. 23.
- Smith, Robert M., Youngstown, Ohio. Treating water. 2,000,197; May 7.
- Smith, Robert M., San Francisco, Calif. Letter card. 2,017,637; Oct. 15.
- Smith, Robert T., et al. (See Joy, Edward E., assignor.)
- Smith, Robert T., Baltimore, Md. Oil burner. 1,997,755; Apr. 16.
- Smith, Robert W., Filey, England. Agricultural digging machine. 1,988,756; Jan. 22.
- Smith, Roland L., Belmont, Mass. Portable electric lighting apparatus. 1,996,389; Apr. 2.
- Smith, Rowland D. (See Hostetter, J. C., and Smith.)
- Smith, Rowland D., assignor to Corning Glass Works, Corning, N. Y. Making hemetically sealed mirrors. 1,999,529; Apr. 30.
- Smith, Rowland D., assignor to Corning Glass Works, Corning, N. Y. Glass working implement. 2,018,814; Oct. 29.
- Smith, Roy D. (See Seger, D., Smith, and Fransen.)
- Smith, Roy D., assignor to Bee Line Manufacturing Company, Davenport, Iowa. Operating upon the chassis of motor vehicles. 1,993,387; Mar. 5.
- Smith, Roy D., assignor to Bee Line Manufacturing Company, Davenport, Iowa. Mechanism for operating upon automobile axles. 2,000,572; May 7.
- Smith, Roy D., assignor to Bee Line Manufacturing Company, Davenport, Iowa. Chassis checking gauge. 2,000,866; May 7.
- Smith, Roy H. (See Frayer, Lee A., assignor.)
- Smith, Roy H. (See Harvey, C. L., and Frayer, assignors.)
- Smith, Roy M., North Arlington, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Continuous carrier relaying. 2,005,172; June 18.
- Smith, Roy M., North Arlington, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Short circuit detector relay. 2,024,706; Dec. 17.
- Smith, Russell M., Baltimore, Md. Apparatus for drying sheet material. 2,002,720; May 28.
- Smith, Russell T., assignor to Gibson Refrigerator Company, Greenville, Mich. Mounting of motors. 2,002,646; May 28.
- Smith, S. Morgan, Company. (See Smyser, Harry E., assignor.)
- Smith, S., & Sons (Motor Accessories) Limited. (See Nutsford, Alfred, assignor.)
- Smith, Samuel B., Rocky River, Ohio. Two-stroke cycle internal combustion engine. 2,010,704; Aug. 6.
- Smith, Samuel C., Greensboro, N. C. Reclaiming solvent used in dry cleaning. 1,994,372; Mar. 12.
- Smith, Samuel H., Rocky River, Ohio, assignor, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill. Making aircraft propellers. 2,007,775; July 9.
- Smith, Samuel H., Rocky River, Ohio., assignor, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill. Airplane propeller. 2,007,776; July 9.
- Smith, Seneca S., Albany, N. Y. Bottle and seal therefor. 2,014,033; Sept. 10.
- Smith Separator Corporation. (See Riley, Edward J., assignor.)
- Smith, Seymour & Son, Inc. (See Smith, William R., assignor.)
- Smith, Sheffield, North Providence, R. I. Shock absorber. 2,002,100; May 21.
- Smith, Sheridan A., Hamilton, Ontario, Canada. Entry guide. 2,012,074; Aug. 20.
- Smith, Sidney B. (See Wright, G. M., and Smith.)
- Smith, Sidney B., Chelmsford, and C. J. F. Tweed, Wimbledon Park, London, England, assignors to Radio Corporation of America. Frequency control means. 2,008,263; July 16.
- Smith, Sidney P. (See Schwamb, T. A., and Smith.)
- Smith, Skardon T., Detroit, Mich. Fishing reel spool control. 2,012,251; Aug. 20.
- Smith, Stanley K., G. B. Cowles, and R. C. Cross, assignors to The H. B. Smith Company, Westfield, Mass. Boiler. 2,012,144; Aug. 20.
- Smith, Stuyvesant C., assignor to Bendix Stromberg Carburetor Company, South Bend, Ind. Carburetor. 1,992,247; Feb. 26.
- Smith, Swan, White Bear, assignor to D. C. Shepard, St. Paul, Minn. Laminated container. 1,995,523; Mar. 26.
- Smith, Sydney, Chobham, England. Vehicle. 1,998,528; Apr. 23.
- Smith, Sydney, assignor to Wellman Seaver Rolling Mill Co. Ltd., London, England. Push bench guide. 2,005,328; June 18.
- Smith, Sydney, assignor to Wellman Seaver Rolling Mill Company Limited, London, England. Tube making. 2,008,600; July 16.
- Smith, Sydney S., Tulsa, Okla., assignor, by mesne assignments, to Shell Development Company, San Francisco, Calif. Rectification. 1,988,704; Jan. 22.
- Smith, T. L., Company. (See Bager, F. E., and Solberg, assignors.)
- Smith, Thaddeus S., Indianapolis, Ind. Drag brake. 1,990,101; Feb. 5.
- Smith, Theodore A., Ridgewood, N. J., assignor to Radio Corporation of America. Automatic gain control. 1,999,668; Apr. 30.
- Smith, Thorne B., et al. (See Modlin, Lowell C., assignor.)
- Smith, Thomas G., assignor to Gordon Smith & Company, Incorporated, Bowling Green, Ky. Combined internal combustion engine and air compressor, and cylinder head therefor. 1,992,400; Feb. 26.
- Smith, Thomas H., Norwood, N. C. Electrical cut-out for automotive vehicles. 1,999,216; Apr. 30.
- Smith, Thomas J. (See Schnedarek, E. F. and Smith.)
- Smith, Thomas N., San Antonio, Tex. Valve mechanism for internal combustion engines. 1,992,721; Feb. 26.
- Smith, Thomas S., Walsall, England. Joint fitting for sun umbrella poles. 2,013,192; Sept. 3.
- Smith, Timothy H., Dartmouth, Nova Scotia, Canada. Battery post terminal clamp. 2,020,220; Nov. 5.
- Smith, Uel L., Montville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Shadow tuning indicator. 1,997,702; Apr. 16.
- Smith, Victor C., Norwalk, Conn., assignor to Colonial Beacon Oil Company. Hose with static discharge connection. 1,988,816; Jan. 22.

- Smith, Victor J. (See Powell, Robert, assignor.)
- Smith, Vogel W., Russell, Iowa. Detachable lid holding device. 2,006,657; July 2.
- Smith, Wallace H., Glendale, W. Va. Coating process. 2,007,221; July 9.
- Smith, Wallace M. (See Stringer, Roy, assignor.)
- Smith, Wallace W., assignor to Inland Steel Company, Chicago, Ill. Double wall structure. 2,001,473; May 14.
- Smith, Wallace W., assignor to Inland Steel Company, Chicago, Ill. Sheet-piling wall structure. 2,018,423; Oct. 22.
- Smith, Walter G. E., Portland, Oreg. Gate valve. 2,001,271; May 14.
- Smith, Walter H., Toronto, Ontario, Canada. Paper cutting and delivery mechanism for web cylinder lithographing or printing presses. 2,011,505; Aug. 13.
- Smith, Walter H., Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company. Control apparatus for car connectors. 2,003,017; May 28.
- Smith, Walter J., Penn Yan, N. Y. Cap ball reshaping tool. 2,011,530; Aug. 13.
- Smith, Walter J., and A. R. O'Key, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Shoemaking. 1,986,946; Jan. 8.
- Smith, Walter M., San Diego, Calif. Safety device for automobiles. 1,996,528; Apr. 2.
- Smith, Walter S., Quincy, Mass., assignor to Shore Corporation, Dover, Del. Manifold. 2,001,669; May 14.
- Smith, Walter S., Quincy, Mass., assignor to Shore Corporation, Dover, Del. Intake system for multicylinder internal combustion engines. 2,001,670; May 14.
- Smith, Walter S., Old Fort, N. C., assignor to The Shore Corporation, Dover, Del. Internal combustion engine. 2,015,022; Sept. 17.
- Smith, Walter W., Gillett, Wis., assignor to Acme Steel Company, Chicago, Ill. Forming a container. 1,991,182; Feb. 12.
- Smith, Walton S., Colonia, N. J. Recovery of tin and lead from scrap mixtures containing same. 2,011,305; Aug. 13.
- Smith, Ward F. (See Smith, George L. and W. F.)
- Smith, Warren R., Sayville, and F. H. Lull, Patchogue, N. Y. Dispensing device. 1,989,713; Feb. 5.
- Smith, Wendell L. (See Reedy, A. J., and Smith.)
- Smith, Wesley L., Cranford, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Turn indicator. 1,998,207; Apr. 16.
- Smith, Wesley L., Cranford, assignor to Eclipse Aviation Corporation, East Orange, N. J. Gyro-controlled magnetic compass. 2,010,204; Aug. 6.
- Smith & Wesson, Inc. (See Wesson, Douglas B., assignor.)
- Smith and Wesson, Inc. (See Wesson, Harold, assignor.)
- Smith, Wiley C., Beloit, Wis. Roll for paper machines. 1,990,102; Feb. 5.
- Smith, Will F., Brooklyn, N. Y. Necktie. 2,010,247; Aug. 6.
- Smith, Willard L., Venice, Calif. Safety snap hook. 2,010,277; Aug. 6.
- Smith, William. (See Thomson, R. F., Smith, and Primrose.)
- Smith, William, Yonkers, N. Y. Method of and apparatus for diagnostic analysis. 2,008,295; July 16.
- Smith, William, Winthrop, Mass. Typewriter attachment. 2,018,504; Oct. 22.
- Smith, William A., Jr. (See Schorle, H. J., and Smith, Jr.)
- Smith, William A., Hamburg, N. Y. Motor fuel and method of manufacture. 2,003,158; May 28.
- Smith, William A., Jr., North Arlington, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Pile driver attachment for percussive tools. 1,986,296; Jan. 1.
- Smith, William A., Jr., North Arlington, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Drill steel retainer. 1,986,297; Jan. 1.
- Smith, William A., Jr., North Arlington, N. J., and H. Schorle, Astoria, Long Island, assignors to Worthington Pump and Machinery Corporation, New York, N. Y. Drill steel retainer. 1,986,298; Jan. 1.
- Smith, William A., Jr., North Arlington, N. J., and H. J. Schorle, Astoria, assignors to Worthington Pump and Machinery Corporation, New York, N. Y. Percussive tool valve. 2,025,403; Dec. 24.
- Smith, William A., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Insulator. 1,994,291; Mar. 12.
- Smith, William A., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Bus bar and fitting. 2,010,933; Aug. 13.
- Smith, William A., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Cementing process and apparatus. 2,010,934; Aug. 13.
- Smith, William A., Sr., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill. 2,006,845; July 2.
- Smith, William A., Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Controlling device. 2,011,424; Aug. 13.
- Smith, William A., Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve mechanism for rock drills. 2,016,124; Oct. 1.
- Smith, William A., Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Guide member for rock drills. 2,020,806; Nov. 12.
- Smith, William A., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purifying organic explosive compounds. 2,024,396; Dec. 17.
- Smith, William H., East Molesey, England. Press for molding plastic substances. 1,993,312; Mar. 5.
- Smith, William H., East Molesey, England. Temporary support for use in building construction. 1,996,887; Apr. 9.
- Smith, William H., San Francisco, Calif. Permanent binder for loose leaves. 2,000,357; May 7.
- Smith, William H., Cornwall, N. Y. Tension device. 2,014,397; Sept. 17.
- Smith, William J., Ridgefield Park, N. J. Shoulder strap holder. 2,005,569; June 18.
- Smith, William J., Ridgefield Park, N. J. Shoulder strap holder. 2,005,570; June 18.
- Smith, William J., Brooklyn, assignor to I. Krivitzin, New Rochelle, N. Y. Pyrophoric igniter. 2,019,165; Oct. 29.
- Smith, William, J. Primrose, and J. Thomas, Grangemouth, Scotland, assignors to Imperial Chemical Industries Limited. Anthraquinone-acridone dyestuff. 2,008,157; July 16.
- Smith, William M. (See Parks, P. B., Smith, and Van-Vulpen.)
- Smith, William N., New York, N. Y. Bellows tire inflating device. 2,021,154; Nov. 19.
- Smith, William N., New York, N. Y. Tire inflating device. 2,021,155; Nov. 19.
- Smith, William N., Douglaston, N. Y. Pump. 2,021,156; Nov. 19.
- Smith, William O. (See Boswell, James G., assignor.)
- Smith, William R., Watertown, assignor to Seymour Smith & Son, Inc., Oakville, Conn. Pruning shears. 1,995,044; Mar. 19.
- Smith, Willoughby S., Benchams, H. J. Garnett, Lymne, H. C. Channon, South Kensington, London, and J. N. Dean, Kincraig, England. Electrical insulating material. 1,989,563; Jan. 29.
- Smith, Willoughby S., Newton Poppleford, H. J. Garnett, Sevenoaks, J. N. Dean, Orpington, B. J. Haggood, Bournemouth, and H. C. Channon, South Kensington, London, England. Electrical insulating materials. 1,990,844; Feb. 12.
- Smith, Worden L., and A. A. Dietz, assignors of one-third to C. Cook, Jackson, Mich. Artificial bait. 1,994,878; Mar. 19.
- Smithburn, George E., Berkeley, Calif. Tillage implement. 2,020,524; Nov. 12.
- Smithe, F. L., Machine Co., Inc. (See Novick, Abraham, assignor.)
- Smithells, Colin J., Bushey, and L. R. G. Treloar, North Wembley, assignors to The M-O Valve Company Limited, London, England. Thermionic cathode. 2,014,787; Sept. 17.
- Smithers, Vernon L., Akron, Ohio. Making solid rubber articles. 1,991,470; Feb. 19.
- Smithjohns, Inc. (See Johns, G. M., Smith, and Richards, assignors.)
- Smithson, Samuel, Rutherford, N. J. Intensifying electrical energy. 2,009,125; July 23.
- Smithwick, Harold, Scarsdale, assignor to Continental Paper & Bag Corporation, New York, N. Y. Paper bag. 1,986,898; Jan. 8.
- Smitley, Leslie E., and F. S. Moore, Los Angeles, Calif. Cooling system. 1,987,521; Jan. 8.
- Smitmans, John A., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Method and apparatus for hot rolling strip. 1,989,532; Jan. 29.
- Smits, Raymond R. (See Hess, E. E., and Smits.)
- Smitt, Gösta J. J., Vasteras, Sweden, assignor to Bolldens Gruvaktiebolag, Stockholm, Sweden. Arsenic-containing cement. 2,001,506; May 14.
- Smittle, Walter R., St. Louis, Mo. Pipe joint. 1,995,109; Mar. 19.
- Smoyer, Lloyd M., Allentown, Pa. Metal article. 2,024,072; Dec. 10.
- Smulski, Theodore J., assignor to The Anderson Company, Gary, Ind. Wiper blade. 1,989,296; Jan. 29.
- Smulski, Theodore J., assignor to The Anderson Company, Gary, Ind. Electrical system, apparatus, and method. 1,989,828; Feb. 5.
- Smulski, Theodore J., assignor to The Anderson Company, Gary, Ind. Indicating apparatus. 2,004,421; June 11.
- Smulski, Theodore J., assignor to The Anderson Company, Gary, Ind. Liquid level indicator. 2,006,608; July 2.
- Smulski, Theodore J., assignor to The Anderson Company, Gary, Ind. Electric control system. 2,006,658; July 2.
- Smulski, Theodore J., assignor to The Anderson Company, Gary, Ind. Electric indicating instrument. 2,022,441; Nov. 26.
- Smyle, Bernhardt, Ozone Park, assignor to Intertype Corporation, Brooklyn, N. Y. Matrix for typographical machines. 2,025,694; Dec. 24.
- Smyser, Harry E., assignor to S. Morgan Smith Company, York, Pa. Hydraulic turbine bearing. 1,992,248; Feb. 26.
- Smyser, James S., Boston, Mass. Drill grinding. 1,993,418; Mar. 5.
- Smyth, Bertram J., Oberlin, Ohio. Sterilizer. 2,012,642; Aug. 27.
- Smyth Manufacturing Company, The. (See Schramm, Carl, assignor.)
- Smyth, Paul H., Jr., Evanston, Ill. Selective phonographic playing machine. 2,004,016; June 4.

- Smythe, Edwin H., Evanston, Ill. Flexible card mounting. 1,997,320; Apr. 9.
- Smythe, Edwin H., Evanston, Ill., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound and picture system. 2,000,198; May 7.
- Smythe, Edwin H., Evanston, Ill., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound and picture system. 2,024,608; Dec. 17.
- Smythe, Edwin H., Evanston, Ill., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound picture system. 2,024,609; Dec. 17.
- Smythe Manufacturing Company, The. (See Schramm, Carl, assignor.)
- Smythe, Robert L., and A. G. Steinmayer, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Fuse holder. 1,996,888; Apr. 9.
- Smythman, Harold, Twickenham, England, assignor to R. Hoe & Co., Inc., New York, Irving Trust Company, permanent trustee. Newspaper printing machine. 2,022,746; Dec. 3.
- Snap-on Tools, Inc. (See Gagne, Gideon R., assignor.)
- Snap-On Tools, Inc. (See Pilger, Emil F., assignor.)
- Snack, Jack, Bronx, assignor of one-fourth to C. Harrison, Brooklyn, N. Y., and one-half to J. F. O'Brien, Englewood, N. J. Device for folding and initially hot-pressing marginal edges of slits in fabrics. 1,998,426; Apr. 16.
- Snarry, John W., Handsworth, Birmingham, assignor to The Gear Grinding Company Limited, Birmingham, England. Means for use in examining the contours of gear wheel teeth. 2,013,365; Sept. 3.
- Snavelly, Earl R., Union, assignor to E. L. Snavelly, Newark, N. J. Hot water heating system with auxiliary domestic water heater. 2,008,568; July 16.
- Snavelly, Evelyn L. (See Snavelly, Earl R., assignor.)
- Snead & Company. (See Macdonald, Angus S., assignor.)
- Snead & Company. (See Snead, William S., assignor.)
- Snead & Company. (See Waite, Charles C., assignor.)
- Snead, William S., Montclair, assignor to Snead & Company, Jersey City, N. J. Partition structure. 2,007,618; July 9.
- Sneed, John, Grosse Pointe Shores, Mich. Shock absorber. 2,023,650; Dec. 10.
- Sneed, John, Grosse Pointe Shores, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio, trustee for Steeldraulic Brake Corporation, Detroit, Mich. Toggle mechanism. 1,992,449; Feb. 26.
- Sneed, John, Grosse Pointe Shores, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Brake operating mechanism. 2,006,778; July 2.
- Sneed, John, Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Vehicle brake. 2,016,875; Oct. 8.
- Sneed, Stephen P. F., Atlanta, Ga. Box opening device. 2,002,591; May 28.
- Sneesby, Edwin, Waukegan, Ill. Conveyor. 2,025,620; Dec. 24.
- Sneirson, Samuel L., Roxbury, assignor to one-half to H. H. Kaplan, Lynn, Mass. Yarn cleaner. 2,020,704; Nov. 12.
- Snelgrove, William S., Milledgeville, Ga. Automatic gate. 1,987,031; Jan. 8.
- Snell, Foster Dee. (See Huggins, O. R., and Snell.)
- Snell, Foster D. (See Moss, H. V., and Snell.)
- Snell, Foster D., Brooklyn, N. Y. Forming solid fuel briquettes. 1,995,366; Mar. 26.
- Snell, Foster D., Brooklyn, N. Y. Heat transfer liquid. 2,007,007; July 2.
- Snell, Foster D., and C. S. Kimball, Brooklyn, N. Y. Oil emulsion. 2,021,027; Nov. 12.
- Snell, Foster D., Brooklyn, and A. H. P. O'Connor, New York, N. Y., said O'Connor assignor to said Snell. Color composition. 1,991,872; Feb. 19.
- Snell, Harold B., Albuquerque, N. Mex. Air cleaner. 2,024,685; Dec. 17.
- Snell, Lester W., Alton, Ill. Bending tubes. 1,996,838; Apr. 9.
- Snell, Owens C., and C. E. Girtlen, Houston, Tex. Union. 2,013,293; Sept. 3.
- Snell, Roy J., Chicago, Ill. Vacuum cleaner bag. 1,999,826; Apr. 30.
- Snell, Samuel A., assignor to The Bingham Stamping & Tool Company, Toledo, Ohio. Mechanism control. 1,998,972; Apr. 23.
- Snell, Samuel A., assignor to The Bingham Stamping & Tool Company, Toledo, Ohio. Lever shaft construction. 2,022,159; Nov. 26.
- Snell, Samuel A., and W. H. Schomburg, assignors to The Bingham Stamping & Tool Company, Toledo, Ohio. Lifting jack. 1,989,251; Jan. 29.
- Snellings, Charles M., Jr., Greenville, S. C. Hot air furnace. 1,987,161; Jan. 8.
- Snelling, Henry H. (See Hull, Foster J., assignor.)
- Snelling, Marjorie G., Allentown, Pa. Treatment of wood. 2,024,257; Dec. 17.
- Snelling, Selene W., Greenville, S. C. Store furniture. 1,997,952; Apr. 16.
- Snelling, Walter O., Allentown, Pa., assignor to Trojan Powder Company. Testing of detonating fuse. 2,008,046; July 16.
- Snider, Paul J., Plain City, Ohio, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio receiving circuit. 2,011,941; Aug. 20.
- Snider, Paul J., Plain City, Ohio, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Variometer. 2,014,820; Sept. 17.
- Sniffen, Joseph H. (See Fallow, S. B., and Sniffen.)
- Snipes, Marvin R., High Point, N. C. Combined door bolt and latch. 1,991,822; Feb. 19.
- Snodgrass, Edward N., assignor to Norman Confections Inc., Denver, Colo. Producing composite confections. 1,987,084; Jan. 8.
- Snodgrass, Edward N., Denver, Colo., and M. E. Holy, Chicago, Ill., assignors to Norman Confections, Inc., Denver, Colo. Progressive container. 2,000,301; May 7.
- Snodgrass, Harrison V., Los Angeles, Calif. Tank valve. 2,021,969; Nov. 26.
- Snodgrass, John Shreveport, La., assignor to Bendix Brake Company, South Bend, Ind. Equalizer. 1,996,260; Apr. 2.
- Snoek, Jacob L., Eindhoven, Netherlands, assignor to Radio Corporation of America. Microphone. 1,986,609; Jan. 1.
- Snoke, Rupert P. (See Pengilly, J. H., Snoke, and Maechten.)
- Snook, Homer C., Summit, N. J. Ingot casting apparatus. 1,998,258; Apr. 16.
- Snow, Deskin D., Corpus Christi, Tex. Program clock. 2,009,030; July 23.
- Snow, Frederick C., and P. W. Hawkins, London, England. Reinforced concrete pile. 2,011,459; Aug. 13.
- Snow, Harold R., Hammond, Ind., and R. L. Zimmerman, assignors to Standard Oil Company (Indiana), Chicago, Ill. Converting hydrocarbon oils. 2,022,985; Dec. 3.
- Snow, Herbert C., and A. A. Stone, Auburn, Ind., assignors to Manning & Co., Chicago, Ill. Manually selective automatic shift transmission. 1,986,860; Jan. 8.
- Snow, Isaac, Lawrence, assignor to Draper Corporation, Hopedale, Mass. Automatically threading shuttle. 2,005,636; June 18.
- Snow, Isaac, Lawrence, Mass., assignor to Draper Corporation, Hopedale, Mass. Tension device for loom shuttles. 2,012,438; Aug. 27.
- Snow Manufacturing Co. (See Pease, William T., assignor.)
- Snow, Norman L. (See Brelsford, H. E., and Snow.)
- Snow, Norman L., New Canaan, Conn., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Dedusting apparatus. 1,989,773; Feb. 5.
- Snow, Norman L., New Canaan, Conn., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Dedusting apparatus. 1,989,774; Feb. 5.
- Snow, Norman L., New Canaan, Conn., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,995,132; Mar. 19.
- Snow, Norman L., New Canaan, Conn., and F. Bowers and C. L. Howse, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,991,471; Feb. 19.
- Snow, Norman L., New Canaan, Conn., and W. P. Thomas, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,995,133; Mar. 19.
- Snow, Norman L., New Canaan, Conn., and H. E. Brelsford, Birmingham, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Dedusting apparatus. 2,015,355; Sept. 24.
- Snow, Philo V., Chicago, Ill. Antiglare device and making it. 1,990,143; Feb. 5.
- Snow, Robert R., Holly, assignor to Chrysler Corporation, Detroit, Mich. Drying apparatus. 2,016,125; Oct. 1.
- Snow, William S., Shawnee, Okla. Demountable wheel. 2,011,693; Aug. 20.
- Snowden, Frederick E., Los Angeles, Calif., assignor to Sunbrite Corporation, Ltd. Textile cleaning apparatus. 1,996,084; Apr. 2.
- Snyder, Augustus K., Annapolis, Md. Shoulder guard. 2,014,991; Sept. 17.
- Snyder, Carl M., Glen Ellyn, Ill., assignor to Walker Dishwasher Corporation. Dishwashing machine. 2,022,220; Nov. 26.
- Snyder, Carl M., Glen Ellyn, and J. H. Clark, Cicero, Ill., assignors to Walker Dishwasher Corporation. Washing apparatus. 1,995,331; Mar. 26.
- Snyder, Carl M., Glen Ellyn, and J. H. Clark, Cicero, assignors to Walker Dishwasher Corporation, Chicago, Ill. Washing apparatus. 1,995,332; Mar. 26.
- Snyder, Carl M., Glen Ellyn, and F. A. Walker, Oak Park, Ill., assignors to Walker Dishwasher Corporation, Chicago, Ill. Impeller. 2,000,720; May 7.
- Snyder, Carl M., Glen Ellyn, and J. H. Clark, assignors to Walker Dishwasher Corporation, Chicago, Ill. Faucet attachment. 2,012,834; Aug. 27.
- Snyder, Carl M., Glen Ellyn, and J. H. Clark, Cicero, assignors to Walker Dishwasher Corporation, Chicago, Ill. Washing apparatus. 2,024,952; Dec. 17.
- Snyder, Charles A. (See Snyder, George W., and C. A.)
- Snyder, Charles E., Jordan, Pa. Vine divider. 2,000,260; May 7.
- Snyder, Clifford L., Detroit, Mich., assignor, by mesne assignments, to The Worth Company. Decking apparatus. 2,020,858; Nov. 12.
- Snyder, Clifford L., and C. E. Proctor, assignors to General Motors Corporation, Detroit, Mich. Jacking clamp. 1,996,839; Apr. 9.
- Snyder, De Forrest E., Hazleton, Pa. Hot line clamp and insulator. 2,000,652; May 7.

- Snyder, Donald A., Neenah, assignor to Marathon Paper Mills Company, Rothschild, Wis. Quick opening carton. 2,015,413; Sept. 24.
- Snyder, Edward, Fort Wayne, Ind., assignor to General Cable Corporation, New York, N. Y. Power transmitting mechanism. 2,005,519; June 18.
- Snyder, Francis E. (See Snyder, Nelson, assignor.)
- Snyder, Francis H., assignor to Snyder MacLaren Processes, Inc., New York, N. Y. Recovering fiber from waste paper. 1,988,363; Jan. 15.
- Snyder, Francis H., Niagara Falls, assignor to Snyder MacLaren Processes, Inc., New York, N. Y. Reclaiming pulp from waste paper. 1,991,823; Feb. 19.
- Snyder, Francis H., Niagara Falls, assignor to Snyder MacLaren Processes, Inc., New York, N. Y. Production of paper pulp. 1,991,824; Feb. 19.
- Snyder, Francis H., Niagara Falls, N. Y., and S. F. M. MacLaren, Niagara Falls, Ontario, Canada, assignors to Industrial Research, Limited, Niagara Falls, Ontario, Canada. Tin plating. 2,001,474; May 14.
- Snyder, George W., and C. A. Snyder, Onalaska, Wash. Wheelbarrow. 2,011,917; Aug. 20.
- Snyder, Gustavus W. (See Macourek, Jerry F., assignor.)
- Snyder, Harry A., Franklin, Pa. Coupling organization for rods and like elements. 1,988,668; Jan. 22.
- Snyder, Harry D., New York, and E. Kern, Flushing, N. Y. Perforating device. 2,001,161; May 14.
- Snyder, Harry S., et al. (See Parks, R. D., and Hildenbrand, assignors.)
- Snyder, Howard F., deceased, by L. Snyder, assignor to The Maytag Company, Newton, Iowa. Washing apparatus. 2,016,348; Oct. 8.
- Snyder, Hubert E., Elmira, N. Y., assignor to The American Rolling Mill Company, Middletown, Ohio. Process and apparatus for handling corrugated conduits. 1,989,950; Feb. 5.
- Snyder, Hugh K., Los Angeles, Calif. Trap. 1,990,006; Feb. 5.
- Snyder, Jacob R., Mount Lebanon, Pa. Shock absorber. 1,999,307; Apr. 30.
- Snyder, Jacob R., Mount Lebanon, Pa. Shock absorber. 2,011,460; Aug. 13.
- Snyder, Jacob R., Pittsburgh, Pa. Universal joint. 2,004,299; June 11.
- Snyder, James E. (See Charch, W. H., and Snyder.)
- Snyder, James E. (See Hyden, W. L., Siemann, and Snyder.)
- Snyder, James E., Kenmore, assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Laminated material. 1,992,249; Feb. 26.
- Snyder, Leon R., assignor to N. W. Snyder, Gull Lakes, Ross Township, Kalamazoo County, Mich. Window structure. 1,987,757; Jan. 15.
- Snyder, Lettie, executrix. (See Snyder, Howard F.)
- Snyder, Lollor J., Martinez, assignor to Shell Development Company, San Francisco, Calif. Sweetening hydrocarbon oil. 1,985,955; Jan. 1.
- Snyder MacLaren Processes, Inc. (See Snyder, Francis H., assignor.)
- Snyder, Nellie W. (See Snyder, Leon R., assignor.)
- Snyder, Nelson, assignor to one-half to F. E. Snyder, Grandville, Mich. Rake cleaning attachment. 2,009,594; July 30.
- Snyder, Oscar L., Marysville, assignor to Continental Motors Corporation, Detroit, Mich. Aircraft engine. 2,020,621; Nov. 12.
- Snyder, Rolla R., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Trolley ear. 2,012,408; Aug. 27.
- Snyder, Walter L., San Francisco, Calif. Sealing means for containers. 1,999,530; Apr. 30.
- Snyder, William A., Los Angeles, Calif. Folding table. 2,010,278; Aug. 6.
- Snyder, Willis O., Ridgewood, N. J., assignor to Gibralter Corrugated Paper Co. Inc., North Bergen, N. J. Refrigerating shipping carton. 2,024,397; Dec. 17.
- Soabar Company. (See Thackeray, Samuel J., assignor.)
- Soabar Company. (See Thackeray, S. J., and Henry, assignors.)
- Sobat, Dane M., Drumheller, Alberta, Canada. Mine door operator. 2,016,057; Oct. 1.
- Sobatzki, Raymond J., South Milwaukee, Wis., and O. M. Bishop, deceased, late of Wilmington, Del., by Eva P. Bishop and Wilmington Trust Co., executors, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinone vat dyestuffs. 2,012,930; Aug. 27.
- Sobczak, Frank J. (See Jarecki, P. M., and Sobczak.)
- Sobel, Adolph J., Brooklyn, N. Y. Brassiere and connecting device therefor. 1,988,145; Jan. 15.
- Sobinski, Alois. (See Johnson, N. V., Ordín, Jack B., and P. H., and Sobinski.)
- Sobolewski, Edward, assignor to The Cincinnati Blackford Tool Company, Cincinnati, Ohio. Back gear interlock. 1,987,978; Jan. 15.
- Sobolewski, Edward, assignor to The Cincinnati Blackford Tool Company, Cincinnati, Ohio. Safety power traverse for radial drill heads. 1,987,979; Jan. 15.
- Soc. An. Commercio Industria Edili, S. A. C. I. E. (See Buzzoni, Paride, assignor.)
- Sochor, Franz, Pinkenkrug, near Berlin, and C. Hofmann, Berlin-Spandau, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective system for discharge devices. 2,018,235; Oct. 22.
- Sochor, Franz. (See Goldhammer, L., and Sochor.)
- "Società Anonima Carburatori Olii Pesanti, (S. A. M. C. O.)". (See Lucich, Giovanni, assignor.)
- Società Italiana Ernesto Breda per Costruzioni Meccaniche. (See Mazzini, Franco, assignor.)
- Società Italiana Ernesto Breda, per Costruzioni Meccaniche. (See Savani, Luigi, assignor.)
- Società Italiana Pirelli. (See Emanueli, Luigi, assignor.)
- Società Italiana Pirelli. (See Faldini, Mario, assignor.)
- Società Italiana Pirelli. (See Pestalozza, Ugo, assignor.)
- Société à Responsabilité Limitée dite: Distillation à Basse Température et Auto-Agglomération des Combustibles. (See Sanial, Eugène, assignor.)
- Société à Responsabilité Limitée dite: Le Parafoudre Universel Corona. (See Capart, Gustave P., assignor.)
- Société à Responsabilité Limitée: L. F. G. Fonderies. (See Loth, William A., assignor.)
- Société à Responsabilité Limitée: Société d'Etudes Pour L'Exploitation des Brevets Nublat. (See Nublat, René L. A., assignor.)
- Société Alsacienne de Constructions Mécaniques. (See Taine, Roger, assignor.)
- Société Anonyme Adolphe Saurer. (See Ghilardi, Hans, assignor.)
- Société Anonyme de Construction de Matériel Automobile S. A. C. M. A. (See Mennesson, Marcel, assignor.)
- Société Anonyme des Anciens Etablissements A. Chanard. (See Foreau, René, assignor.)
- Société Anonyme Des Anciens Etablissements Hotchkiss & Cie. (See Sutter, Charles, assignor.)
- Société Anonyme des Ateliers Brillie Freres. (See Battégay, Constant, assignor.)
- Société Anonyme des Ateliers d'Aviation Louis Breguet. (See Breguet, Louis, assignor.)
- Société Anonyme des Etablissements. (See Van Camp, Fernand, assignor.)
- Société Anonyme des Etablissements Charles Testut. (See Cadet, Charles, assignor.)
- Société Anonyme des Etablissements Rigaud. (See Rodanet, Charles H. H., assignor.)
- Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Delpech, Gaston, assignor.)
- Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See George, Henri, assignor.)
- Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Long, Bernard, assignor.)
- Société Anonyme des Matières Colorantes & Produits Chimiques de Saint-Denis. (See Lantz, Robert, assignor.)
- Société Anonyme des Usines Chausson. (See Levet, Georges, assignor.)
- Société Anonyme d'Etudes et de Constructions d'Appareils Mécaniques pour la Verrerie. (See Roirant, Emil, assignor.)
- Société Anonyme Dite Filatures Boutry-Droulers. (See Boutry, Pierre, assignor.)
- Société Anonyme Dite: Société Marbrière de Paris. (See Brendel, Georges F., assignor.)
- Société Anonyme Edouard Dubied & Compagnie. (See Borel, Roger, assignor.)
- Société Anonyme: Etablissements Ed. Jaeger. (See Rodanet, Charles H. H., assignor.)
- Société Anonyme Etablissements Edoux-Samain. (See Roche, Henry L. R., assignor.)
- Société Anonyme Etablissements Nuyts Freres. (See Nuyts, Georges, assignor.)
- Société Anonyme J. Bocuze & Cie. (See Fustier, Pierre, assignor.)
- Société Anonyme Prisma. (See Sark, Astra, assignor.)
- Société Anonyme; Société des Freins Hydrauliques S. de Lavaud. (See Brisson, Louis C., assignor.)
- Société Anonyme: Société Française de Catalyse Généralisée. (See Lefort Théodore E., assignor.)
- Société Anonyme Tel. (See Stocklin, Charles, assignor.)
- Société Anonyme: Usines de Molle. (See Ricard, E., Guinot, and Parant, assignors.)
- Société Anonyme Vetreria Italiana Balzaretto Modigliani. (See Modigliani, Piero, assignor.)
- Société Chanteraine d'Applications Industrielles de Brevets. (See Saint-Jacques, Eugène C., assignor.)
- Société Charles Chedeville, Albert Lelandais et Cie. (See Dulac, Pierre, assignor.)
- Société de Condensation & d'Applications Mécaniques. (See Florisson, Charles L., assignor.)
- Société de Dietrich & Cie. (See Maret, Karel, assignor.)
- Société d'Electrochimie d'Electrometallurgie et des Acieries Electrochimiques d'Ugine. (See Perrin, René, assignor.)
- Société de l'Outilage R. B. V. (Société Anonyme Française. (See Vorme, Armand, assignor.)
- Société de Recherches & de Perfectionnements Industriels. (See Léauté, Pierre M. A., assignor.)
- Société des Carburants Synthétiques. (See Kling, A. J., and Florentin, assignors.)
- Société des Freins Houplain. (See Douziech, Eugène, F. M., assignor.)
- Société des Mines de Douges. (See Blondelle, Raymond, assignor.)
- Société des Usines Chimiques Rhone-Poulenc. (See Bouvier, M. E., and Bardin, assignors.)

- Société des Usines Chimiques Rhone-Poulenc. (See Bouvier, M. E., Bardin, and Chavan, assignors.)
 Société des Usines Chimiques Rhone-Poulenc. (See Delépine, Marcel, assignor.)
 Société Des Usines Chimiques Rhone-Poulenc. (See Gôisset, P. E. C., and Despois, assignors.)
 Société d'Exploitation des Brevets Lucien Simon (Amortisseurs Sanchok) Société Anonyme. (See Simon, Lucien, assignor.)
 Société d'Exploitation des Brevets Lucien Simon (Amortisseurs Sanchok) Société Anonyme. (See Simon, L., and Marcon, assignors.)
 Société d'Inventions Aeronautiques et Mechaniques S. I. A. M. (See Lévy, René L., assignor.)
 Société dite L'Accessoire De Precision. (See Malivert, Jules E., assignor.)
 Société D'Optique et de Mecanique de Haute Precision. (See Castellani, Antoine, assignor.)
 Société du Caoutchouc Manufacturé. (See Laurain, Alfred, assignor.)
 Société du Carburateur Bleriot. (See Schimanek, Emil, assignor.)
 Société "Dualis". (See Peltzer, Victor H., assignor.)
 Société Française de Construction de Bennes Automatiques. (See Allard, Pierre, J. M. T., assignor.)
 Société Française du Vialit. (See Courtois, Georges, assignor.)
 Société Générale des Carburateurs Zenith. (See Viel, Louis L., assignor.)
 Société Générale d'Optique Société Anonyme des Anciens Etablissements Huet & Cie et Jumellies Flammarion. (See Haas, Jean, assignor.)
 Société Genevoise d'Instruments de Physique. (See Turretini, Fernand, assignor.)
 Société Industrielle de Ferblanterie. (See Polly, Daniel, assignor.)
 "Société Lumière." (See Raguin, Georges A., assignor.)
 Société Nobel Française. (See Belloc, Maurice, assignor.)
 Société Parisienne pour l'Industrie des Chemins de Fer et des Tramways Electriques. (See Guignard, Edouard, assignor.)
 "Société pour l'Application des Transmissions Automatiques Fleischel", The. (See Fleischel, Gaston, assignor.)
 Société pour l'Eclairage Rationnel Sper. (See Conti, James T. F., assignor.)
 Société pour l'Exploitation de Brevets de Roues Automobiles (Sebra). (See Willeme, Louis, assignor.)
 Société René Maubailleur & Cie. (See de Meric de Bellefont, H. M. J., and Folliot, assignors.)
 Society "Fusion-Moteurs". (See Bernard, Auguste L. R., assignor.)
 Society of Chemical Industry in Basle. (See Barz, F., Landolt, Geigy, Kaegi, and Graenacher, assignors.)
 Society of Chemical Industry in Basle. (See Blanchod, Jules, assignor.)
 Society of Chemical Industry in Basle. (See Bonhôte, Gérard, assignor.)
 Society of Chemical Industry in Basle. (See Bonhôte, G., and Danuser, assignors.)
 Society of Chemical Industry in Basle. (See Bonhôte, G., and Schmid, assignors.)
 Society of Chemical Industry in Basle. (See Bots, H., and Dür, assignors.)
 Society of Chemical Industry in Basle. (See Felix, F., and Albrecht, assignors.)
 Society of Chemical Industry in Basle. (See Gams, A., and Fisch, assignors.)
 Society of Chemical Industry in Basle. (See Graenacher, C., and Ackermann, assignors.)
 Society of Chemical Industry in Basle. (See Haller, Robert, assignor.)
 Society of Chemical Industry in Basle. (See Haller, R., and Heckendorn, assignors.)
 Society of Chemical Industry in Basle. (See Haller, R., and Ruperti, assignors.)
 Society of Chemical Industry in Basle. (See Hartmann, M., and Wettstein, assignors.)
 Society of Chemical Industry in Basle. (See Hauser, H., and Bommer, assignors.)
 Society of Chemical Industry in Basle. (See Jaeck, Wolfgang, assignor.)
 Society of Chemical Industry in Basle. (See Kern, Walter, assignor.)
 Society of Chemical Industry in Basle. (See Miescher, K., Meisel, and Hoffman, assignors.)
 Society of Chemical Industry in Basle. (See Moser, W., and Fioroni, assignors.)
 Society of Chemical Industry in Basle. (See Müller, J., and Stocker, assignors.)
 Society of Chemical Industry in Basle. (See Ruperti, Andreas, assignor.)
 Society of Chemical Industry in Basle. (See Ruzicka, Leopold, assignor.)
 Society of Chemical Industry in Basle. (See Stöcklin, Ernst, assignor.)
 Society of Chemical Industry in Basle. (See Stöcklin, E., Veraguth, and Grieshaber, assignors.)
 Society of Chemical Industry in Basle. (See Straub, F., N., assignor.)
 Society of Chemical Industry in Basle. (See Straub, F., and Mayer, assignors.)
 Society of Chemical Industry in Basle. (See Straub, F., and Schneider, assignors.)
 Society of Chemical Industry in Basle. (See Straub, F., and Widmer, assignors.)
 Society of Chemical Industry in Basle. (See Sutter, Theodor, assignor.)
 Society of Chemical Industry in Basle. (See Sutter, T., and Wieland, assignors.)
 Society of Chemical Industry in Basle. (See Utzinger, M., and Bommer, assignors.)
 Society of Chemical Industry in Basle. (See Veraguth, H., and Stöcklin, assignors.)
 Society La Precision Moderne. (See Le Prieur, Y. P. G., and Ricordel, assignors.)
 Society "Yacco S. A. F." (See Dintilhac, Jean G., assignor.)
 Sockwell, James L., assignor of one-half to J. N. Boatright, Jacksonville, Fla. Antitheft bolt lock construction. 2,021,109; Nov. 12.
 Socony-Vacuum Oil Company. (See Burkhard, Myron J., assignor.)
 Socony-Vacuum Oil Company. (See Dunham, George S., assignor.)
 Socony-Vacuum Oil Company. (See Edwards, McK. C., and Congdon, assignors.)
 Socony-Vacuum Oil Company. (See Eichner, Edward R., assignor.)
 Socony-Vacuum Oil Company. (See Ellis, Frank E., assignor.)
 Socony-Vacuum Oil Company. (See Johnson, Asa S., assignor.)
 Socony-Vacuum Oil Company. (See Pummill, Evert T., assignor.)
 Socony-Vacuum Oil Company. (See Rather, J. B., Beard, and Reiff, assignors.)
 Socony-Vacuum Oil Company. (See Sheldon, Howard W., assignor.)
 Socony-Vacuum Oil Company. (See Story, B. W., and Fuller, assignors.)
 Socony-Vacuum Oil Company. (See Winter, Alfred N., assignor.)
 Socony-Vacuum Oil Company, Incorporated. (See Tarte, Charles E., assignor.)
 Soda Straw Manufacturing Corporation. (See Garling, Karl E., assignor.)
 Sodax (1929) Limited. (See Sugden, George F., assignor.)
 Soden, Fred H., assignor to Continental Optical Company, Inc., Rochester, N. Y. Securing an eyeglass lens to its support. 2,017,261; Oct. 15.
 Soden, Fred H., assignor to Continental Optical Company, Inc., Rochester, N. Y. Device for securing an eyeglass lens to a support. 2,017,262; Oct. 15.
 Soderberg, Andrew W., Munhall, Pa. Shears. 1,986,685; Jan. 1.
 Söderberg, Gustav E., and F. Andersson, Ludvika, Sweden. Self-wrinding mop. 2,023,343; Dec. 3.
 Soderberg, Hilmer A., assignor to Eastern Tool & Stamping Co. Inc., Saugus, Mass. Holder for sheet material. 1,993,571; Mar. 5.
 Soderberg, Karl G. (See Dubpernell, G., and Soderberg.)
 Soderberg, Karl G., assignor to Udylite Process Company, Detroit, Mich. Electric contact. 2,013,868; Sept. 10.
 Soderberg, Sten E. B., Passaic, assignor to Leslie Company, Lyndhurst, N. J. Pressure reducing valve. 1,995,826; Mar. 26.
 Södergren, Andreas B., Gavle, Sweden. Arrangement for mixing two different substances. 2,015,972; Oct. 1.
 Soderholm Per August, Bridgeport, Conn. Bread baking pan. 2,002,838; May 28.
 Soelch, George F. (See Ladewig, A. E., and Soelch.)
 Soest, Louis & Co., m. b. H. et al. (See Erdmann, A., and Bertram, assignors.)
 Soffel, Robert O., Hastings-upon-Hudson, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,008,264; July 16.
 Sokolof, William, Brooklyn, assignor to Improved Products Manufacturing Co., New York, N. Y. Finger ring guard. 2,010,444; Aug. 6.
 Soland, Emerson L. (See Guilford, H. A., and Soland.)
 Solar Industries, Inc. (See Ballentine, Earle W., assignor.)
 Solar Laboratories. (See Smith, J. C., and Campbell, assignors.)
 Solar Manufacturing Corporation. (See Hetenyi, Paul, assignor.)
 Solar Manufacturing Corporation. (See Poitras, Joseph A., assignor.)
 Solar, Reeves R., Ann Arbor, Mich. Receptacle. 2,017,926; Oct. 22.
 Solar-Sturges Mfg. Co. (See Meyer, P. H., Bethke, and Walker, assignors.)
 Solar-Sturges Mfg. Co. (See Walker, James P., assignor.)
 Solberg, Walter. (See Bager, F. E., and Solberg.)
 Soldan, Lewis E., assignor to Productive Equipment Corporation, Chicago, Ill. Screening apparatus. 2,000,998; May 14.
 Soldan, Lewis E., Buffalo, N. Y., assignor to Productive Equipment Corporation, Chicago, Ill. Motion converting mechanism. 2,008,296; July 16.
 Soldan, Otto, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrical coil. 1,997,020; Apr. 9.
 Sole, John H., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Generator control circuit. 1,998,104; Apr. 16.

- Solenberger, Dean M., assignor to The Simplex Piston Ring Company of America, Inc., Cleveland, Ohio. Piston skirt expander. 2,023,035; Dec. 3.
- Soley, Fred, Los Angeles, Calif. Croquignole waver. 2,024,610; Dec. 17.
- Soley, William G. (See Benner, R. C., Walker and Soley.)
- Soll, Arthur. (See Larson, L. A., and Soll.)
- Sologaitsoa, Manuel H. P., San Pedro Sula, Honduras. Rotary engine. 2,018,100; Oct. 22.
- Solomon, Harry, New York, N. Y. Picture and mirror frame. 2,016,349; Oct. 8.
- Solomon, Louis A., trustee. (See Stewart, Victor A., assignor.)
- Solomon, Marcus M., New York, N. Y. Combined corset and brassiere. 1,992,845; Feb. 26.
- Solomon, Morris, Albany, assignor to Franc, Strohmeier & Cowan, Inc., Poughkeepsie, N. Y. Necktie. 1,988,092; Jan. 15.
- Solomon, Morris, Brooklyn, assignor to Filso Leather Products Co., Inc., New York, N. Y. Portable receptacle. 2,000,302; May 7.
- Solomon, Morris B., New York, N. Y. Receptacle. 1,992,513; Feb. 26.
- Solomon, Samuel, Far Rockaway, N. Y. Brief case or the like. 1,994,235; Mar. 12.
- "Solopol", N. V., Ingenieur-Bureau tot Exploitatie van het System Polysins, et al. (See Lellep, Otto, assignor.)
- Solterbeck, Otto, Melendorf-Rahlstedt, near Hamburg, Germany. Gearing. 1,990,144; Feb. 5.
- Solvay Process Company, The. (See Comer, Ragnar O., assignor.)
- Solvay Process Company, The. (See Hanchett, Arnold, assignor.)
- Solvay Process Company, The. (See Terzlev, George N., assignor.)
- Soman, Lester, assignor to Film Treatizer Corporation, New York, N. Y. Film projecting apparatus. 1,997,124; Apr. 9.
- Somers, Charles E., Haines City, Fla. Fruit juice extractor. 1,994,114; Mar. 12.
- Somers, Herbert J., Detroit, Mich. Humidifier and air washer. 2,002,553; May 28.
- Somers, Herbert J., Detroit, Mich. Filter. 2,008,800; July 23.
- Somers, Norman C. (See Calcott, W. S., Downing, and Somers.)
- Somers, Richard M., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electrical transmission system. 2,011,953; Aug. 20.
- Somers, Richard M., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electric discharge starting circuit. 2,013,974; Sept. 10.
- Somerville, Albert A., Flushing, N. Y. Rubber compounding. 2,026,442; Dec. 31.
- Somerville, Ian C. (See Hester, W. F., Raterink, and Somerville.)
- Somerville, William E., Coal City, Ill. Stranding machine. 2,000,104; May 7.
- Somes, Arthur D. (See Dickinson, E. D., Somes, and Ericson.)
- Sommer, Albert, New York, N. Y., assignor to I. R. C. Corporation, Wilmington, Del. Apparatus for producing pulverulent hydraulic binders with bituminous constituents. 1,989,892; Feb. 5.
- Sommer, Fritz, Charlottenburg, near Berlin, assignor to Chemische Fabrik Grünau Landhoff & Meyer Aktiengesellschaft, Grünau, near Berlin, Germany. Treating high molecular split-off products of albumin with higher fatty acid chlorides, and product of said method. 2,015,912; Oct. 1.
- Sommer & Maca Glass Machinery Corporation. (See Maca, Paul, assignor.)
- Sommer, William H., assignor to Keystone Steel & Wire Company, Peoria, Ill. Wire drawing block. 2,025,535; Dec. 24.
- Sommerfeld, Abraham, New York, N. Y. Roof or floor drain. 1,988,669; Jan. 22.
- Sommers, Carter F., San Antonio, Tex. Electrical percolator attachment for coffee urns. 1,995,081; Mar. 19.
- Sommers, Rudolph. (See Lange, G., Sommers, and Saylor.)
- Sondburg, Leonard A., Monument, Kans. Air filtering and cleansing device. 2,021,524; Nov. 19.
- Songer, Harry O., Fairmount Station, Mo. Cup holder. 2,019,801; Nov. 5.
- Sonn, Emanuel J., Brooklyn, N. Y. Fountain pen. 1,988,878; Jan. 22.
- Sonn, Fred W., Pottstown, Pa. Electric switch. 2,004,772; June 11.
- Sonn, Fred W., Pottstown, Pa. Electric switch. 2,004,773; June 11.
- Sonnek, P. Frank, et al. (See Van Muffling, Adrian, assignor.)
- Sonnek, P. Frank, et al. (See Weisbampel, Robert C., assignor.)
- Sonnek, Pierre F. (See Hammond, T. A., and Sonnek.)
- Sonnett, William A., assignor to The P. Goldsmith Sons Company, Cincinnati, Ohio. Inflatable game ball. 1,990,353; Feb. 5.
- Sonntag, Xaver, Reute, near Waldsee, Germany. Machine for hanging sheet-metal plates. 1,990,255; Feb. 5.
- Sonoco Products Company. (See Dunlap, Charles K., assignor.)
- Sonoco Products Company. (See Stogner, Lawrence B., assignor.)
- Sonoco Products Company. (See Taylor, Joseph K., assignor.)
- Sonsthagen, Asbjorn, London, England. Roll and bar grinding mill. 2,024,073; Dec. 10.
- Soons, James E. (See Hoffmann, E. V., and Soons.)
- Soons, James E., Yonkers, assignor to Hoffman-Soons Electrical and Engineering Corporation, New York, N. Y. Indicating and operating mechanism. 1,988,255; Jan. 15.
- Soper, Ernest. (See Holmes, Charles I., assignor.)
- Soper, John W., Baltimore, Md. Keyless combination lock. 2,022,945; Dec. 3.
- Sorber, Daniel G. (See Chace, E. M., Sorber, Rundle, and Kimball.)
- Soref, Harry E., Milwaukee, Wis. Cylinder padlock. 1,994,928; Mar. 19.
- Soreng, Edgar M., assignor to Soreng Manegold Company, Chicago, Ill. Coupling device. 2,010,935; Aug. 13.
- Soreng, Edgar M., assignor to Soreng-Manegold Company, Chicago, Ill. Cigar and cigarette lighter. 2,014,416; Sept. 17.
- Soreng Manegold Company. (See Soreng, Edgar M., assignor.)
- Sorensen, Alfred K., assignor to Crane Co., Chicago, Ill. Lubricant sealed seat. 2,003,840; June 4.
- Sorensen, Alfred K., assignor to Crane Co., Chicago, Ill. Pressure actuated valve. 2,017,297; Oct. 15.
- Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric control system. 1,987,758; Jan. 15.
- Sorensen, Andrew J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Train communicating apparatus for railways. 2,011,658; Aug. 20.
- Sorensen, Andrew J., Edgewood, and L. D. Whitelock, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Telephone communicating system. 2,022,788; Dec. 3.
- Sorensen, Arthur S., Omaha, Nebr. Abrading device. 1,998,259; Apr. 16.
- Sorensen, Carl P., and Peter Gimse, Chicago, Ill. Electrical connector. 2,012,696; Aug. 27.
- Sorensen, Charles E., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Mold for casting internal combustion engine crankshafts. 1,992,677; Feb. 26.
- Sorensen, Charles E., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Boring machine. 2,020,439; Nov. 12.
- Sorensen, Einar N., Ferdinandina, Fla. Fuel conditioning device. 2,004,252; June 11.
- Sorensen, Hans P., Peninsula, Ohio. Tree container. 2,022,607; Nov. 26.
- Sorensen, John, Weehawken, N. J. Hydraulic brake operating mechanism. 2,006,487; July 2.
- Sorensen, Lee S., Lynwood, and E. Beck, Long Beach, Calif. Driving bushing for rotary tables. 2,023,796; Dec. 10.
- Sorensen, Martin A., and A. Berglund, assignor to Interchangeable Signs, Inc., Lincoln, Nebr. Interchangeable sign. 2,022,160; Nov. 26.
- Sorensen, Niels C., Detroit, Mich. Blackboard construction. 2,025,833; Dec. 31.
- Sorensen, Otto A., Lakeview, N. Y. Valve assembly. 2,016,460; Oct. 8.
- Sorensen, Rasmus L., Cincinnati, Ohio. Drawing board. 2,003,841; June 4.
- Sorensen, Royal W. (See Millikan, R. A., and Sorensen.)
- Sorensen, Sam, Houston, Tex. Valve. 2,002,647; May 28.
- Sorensen, Samuel O., and G. F. Beal, Minneapolis, Minn., assignors, by mesne assignments, to American Lecithin Company. Production of lecithin from vegetable raw materials. 2,024,398; Dec. 17.
- Sorensen, Ben E. (See Robinson, P., and Sorensen.)
- Sorensen, Ben E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Modified polyhydric alcohol-polybasic acid resins and compositions containing them. 2,019,510; Nov. 5.
- Sorensen, Ray, et al. (See Silber, T.J., assignor.)
- Sorensen, Wendell L., assignor of one-third to C. B. Goodstein, and one-third to E. R. Posnack, Brooklyn, N. Y. Staple. 2,008,086; July 16.
- Sorg, H. Theodore. (See Consen, George L., assignor.)
- Sorg, William A., Owosso, Mich. Internal combustion engine. 2,011,833; Aug. 20.
- Sorgan, Robert, Jersey City, N. J. Receptacle with leakage-proof closure means therefor. 1,994,257; Mar. 12.
- Sorge, Otto, Berlin, Germany. Rotary machine or engine. 2,015,501; Sept. 24.
- Sosa, Augustus M. (See Klausmeyer, D. C., and Sosa.)
- Sosa, Augustus M. (See Schauer, L. L., and Sosa.)
- Sosa, Augustus M. (See Schauer, L. L., Sosa, and McKewen.)
- Sosa, Augustus M., assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Fluid actuated drill feed. 1,990,052; Feb. 5.
- Sosinski, Paul P., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for controlling trackway devices from a rail vehicle. 2,019,164; Oct. 29.
- Sosinski, Paul P., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Track shunting apparatus. 2,022,092; Nov. 26.
- Soskin, Samuel, Chicago, Ill., assignor to Michael Reese Hospital of Chicago. Metabolism machine. 1,988,221; Jan. 15.

- Soss, Joseph, Roselle, N. J. Concealed hinge. 2,021,702; Nov. 19.
- Soss, Joseph, Roselle, N. J. Covered joint hinge. 2,023,249; Dec. 3.
- Soss Manufacturing Company. (See Schwartz, Francis H., assignor.)
- Soubier, Leonard D. (See Schreiber, C. W., and Soubier.)
- Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Glassware forming machine. 1,991,798; Feb. 19.
- Soubier, Leonard D., Alton, Ill., assignor to Owens-Illinois Glass Company. Glass blowing machine. 1,998,336; Apr. 16.
- Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Glassware forming machine. 2,016,398; Oct. 8.
- Soucsek, Ferdinand, Brusau, Czechoslovakia. Device for grinding and sharpening razor blades. 2,004,838; June 11.
- Soukup, Frank, Spillville, Iowa. Minnow hook. 1,992,969; Mar. 5.
- Soulart, Georges, La Guerche-sur-l'Aubois, France. Safety circuit breaker for automobile vehicles. 1,987,495; Jan. 8.
- Soule, Charles E., deceased, New Buffalo, Pa., Ella M. Soule, administratrix. Back rest. 2,025,621; Dec. 24.
- Soule, Charles M., et al. (See Welsh, Paul J., assignor.)
- Soule, Effa M., administratrix. (See Soule, Charles E.)
- Soule, George M., trustee. (See Robinson, C. A., Price, and Trader, assignors.)
- Soule, Leslie, et al. (See Annin, Douglas H., assignor.)
- Soule, Leslie, trustee et al. (See Annin, Douglas H., assignor.)
- Soule, Leslie, trustee, et al. (See Colby, Harold L., assignor.)
- Soule, Leslie, et al., trustees. (See Belaf, Nikolai, assignor.)
- Soule, Leslie, et al., trustees. (See Dahl, Edward T., assignor.)
- Soulis, Harold A. (See Soulis, Wilbur T., assignor.)
- Soulis, Wilbur T., assignor to Harold A. Soulis, Easton, Pa. Semitrailer. 2,010,969; Aug. 13.
- Sound Laboratory Corporation (See Rieber, Frank, assignor.)
- Soundex Corporation, The. (See Libberton, Herbert, assignor.)
- Soundex Corporation. (See Piazza, Louis C., assignor.)
- Soundy, Leonard H., assignor to Uneon Limited, London, England. Luminous gas discharge tube. 1,993,811; Mar. 12.
- Sousedik, Josef, Moravia, Czechoslovakia. Electrical change speed gear. 2,011,834; Aug. 20.
- Sousedik, Josef, Vsetin, Czechoslovakia. Variable speed three-phase motor with variable torque. 2,018,287; Oct. 22.
- South Bend Bait Company. (See Jordan, William M.)
- South Bend Bait Company. (See Zuck, Stanley F., assignor.)
- South, Furman, Jr., Pittsburgh, and O. E. Neuhausen, Zelenople, Pa., assignors to Lava Crucible Company of Pittsburgh, Pittsburgh, Pa. Crucible furnace. 2,024,707; Dec. 17.
- Souther, George H., Jr., Columbiaville, N. Y. Under arm protector. 2,004,511; June 11.
- Southern Cotton Oil Company, The. (See Royce, Harvey D., assignor.)
- Southern Equipment Company. (See Johnson, Louis H., assignor.)
- Southern Equipment Company. (See Muckler, Frank, assignor.)
- Southern, John, London, England, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Rotary pump compressor, and the like. 2,020,525; Nov. 12.
- Southern Kraft Corporation. (See Kondolf, Henry, assignor.)
- Southern Lock Joint Stave Company. (See Baker, Lewis T., assignor.)
- Southern Mineral Products Corporation. (See Saklatwalla, B. D., and Dunn, assignors.)
- Southern Mineral Products Corporation. (See Saklatwalla, B. D., Dunn, and Marshall, assignors.)
- Southern Oregon Sales, Inc. (See Moore, James C., assignor.)
- Southern Prison Company. (See White, L. J., and Hill, assignors.)
- Southern States Equipment Co. (See Knowles, Harry H., assignor.)
- Southern States Equipment Company. (See Lemmon, George N., assignor.)
- Southern Webbing Mills, Inc. (See Joyce, Lyndon W., assignor.)
- Southgate, George T., Forest Hills, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Electric power converter. 2,003,056; May 28.
- Southgate, George T., Forest Hills, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Arc-welding power unit. 2,003,057; May 28.
- Southgate, George T., Forest Hills, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Process of and apparatus for welding. 2,025,785; Dec. 31.
- Southland Cotton Oil Company. (See Taylor, Dick, assignor.)
- Southland, Gerrett J., and J. Casper, Blaine, Wash. Razor blade honing machine. 1,987,421; Jan. 8.
- Southwell, Raymond J., and T. H. Wickwire, Jr., New York, N. Y. Salvaged unwoven zigzag fabric. 2,005,760; June 25.
- South West Box Company et al. (See Goetz, William F., assignor.)
- South West Box Company, et al. (See Petersen, Karl W., assignor.)
- Southwick, Charles E., Jr., Camden, N. J., assignor to William H. Horn & Bro., Incorporated, Philadelphia, Pa. Elastic stocking. 2,015,608; Sept. 24.
- Souze, Paul A. (See Glogaud, P. J. E., and Souze.)
- Sovereign Machinery Company. (See Kershaw, Henry, assignor.)
- Soverhill, Harvey A., Chicago, Ill., assignor to The American Foundry Equipment Company, New York, N. Y. Electric unit heater. 2,007,222; July 9.
- Sovulewski, Lawrence G., Orange, and G. M. Booth, Plainfield, assignors to Wallace & Tiernan Products Inc., Belleville, N. J. Incandescent lamp. 2,022,747; Dec. 3.
- Sowter, Percy F. C. (See Dickie, W. A., and Sowter.)
- Soyez, Emile, Paris, and M. Chérouvier, Cyr-sur-Loire, France. Separation of foreign bodies from powdered materials. 1,997,125; Apr. 9.
- Soyland, John, Youngstown, Ohio. Apparatus for coating pipe ends. 2,011,659; Aug. 20.
- Space, James A., East Orange, N. J., assignor to Doherty Research Company, New York, N. Y. Air conditioning system. 2,018,236; Oct. 22.
- Spachmann, Emil A., Green Bay, Wis., and F. N. Leopold, Chicago, assignors to Morris Paper Mills, Morris, Ill. Adjustable container. 1,991,427; Feb. 19.
- Spackman, Morton L., assignor to The Ric-wil Company, Cleveland, Ohio. Conduit construction. 2,005,701; June 18.
- Spaeth, Charles, assignor, by mesne assignments, to Universal Merit Corporation, Cleveland, Ohio. Storage tank gauge. 1,988,181; Jan. 15.
- Spaeth, Charles P., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ignition composition. 2,007,223; July 9.
- Spafford, Allen L., assignor to The Wood Conversion Company, Cloquet, Minn. Acoustic tile. 2,022,161; Nov. 26.
- Spahn, August C., Evansville, assignor to Bernardin Bottle Cap Company, Evansville, Ind. Cap and making same. 2,021,205; Nov. 19.
- Spahn, Emil, Zug, Switzerland, assignor to Landis & Gyr, A.-G. Electricity meter. 1,996,936; Apr. 9.
- Spahn, Emil, Zug, Switzerland, assignor to Landis & Gyr, A.-G. Temperature compensated induction meter. 2,022,392; Nov. 26.
- Spahn, Johann, Tagerwilen, Switzerland. Verdol paper. 2,007,883; July 9.
- Spahr, Otto, Philadelphia, Pa. Stand for electric irons. 2,022,986; Dec. 3.
- Spake, Richard W., Quincy, Ill. Broiler pan and platter. 1,998,944; Apr. 23.
- Spalding, A. G., & Bros. (See Becket, A. L., and Reach, assignors.)
- Spalding, A. G., & Bros. (See Curry, William G., assignor.)
- Spalding, A. G., & Bros. (See Davis, Henry K., assignor.)
- Spalding, A. G., & Bros. (See Fowler, Francis C., assignor.)
- Spalding, A. G., & Bros. (See Howard, Frederic E., assignor.)
- Spalding, A. G., & Bros. (See Reach, Milton B., assignor.)
- Spalding, A. G., & Bros. (See Reach, William F., assignor.)
- Spalding, A. G., & Bros. (See Shibe, Thomas S., assignor.)
- Spalding, George F., Newton, Mass. Coffeepot. 2,020,859; Nov. 12.
- Spalding, Henry A., Hazard, Ky. Blast furnace method and apparatus. 1,997,603; Apr. 16.
- Spalding, John D., Los Angeles, Calif., assignor, by mesne assignments, to The National Superior Company, Toledo, Ohio. Rotary machine. 2,008,774; July 23.
- Spalding, John D., Los Angeles, Calif., assignor to The National Superior Company, Toledo, Ohio. Rotary machine. 2,019,739; Nov. 5.
- Spalding, John D., Los Angeles, Calif., assignor to The National Superior Company, Toledo, Ohio. Control head. 2,023,033; Dec. 3.
- Spaldo, Louis C., assignor to Waxed Products Company, Inc., Brooklyn, N. Y. Dispenser for rolled materials. 2,000,867; May 7.
- Spánel, Abraham N., Rochester, N. Y. Dental cleaner. 1,997,877; Apr. 16.
- Spánel, Abraham N., Rochester, N. Y. Method and apparatus for making sanitary pad shields. 2,015,631; Sept. 24.
- Spánel, Abraham N., Rochester, N. Y. Making dipped rubber articles. 2,015,632; Sept. 24.
- Spánel, Abraham N., Rochester, N. Y. Rubber bag. 2,019,197; Oct. 29.
- Spánel, Abraham N., Rochester, N. Y. Method of and apparatus for making sanitary pad shields. 2,022,608; Nov. 26.
- Spánel, Abraham N., Rochester, N. Y. Sanitary pad shield and the like. 2,022,609; Nov. 26.
- Spang, Chalfant & Co. (See Burnish, Howard J., assignor.)
- Spang, Chalfant & Co. (See Kilmer, Stewart H., assignor.)

- Spang, Ferdinand J., Butler, Pa. Coupling. 1,999,706; Apr. 30.
- Spang, Ferdinand J., Butler, Pa. Pipe joint. 2,017,994; Oct. 22.
- Spang, Ferdinand J., Butler, Pa. Well packer. 2,021,206; Nov. 19.
- Spang, Joseph P., Quincy, Mass. Machine for slitting meat. 1,986,073; Jan. 1.
- Spang, Joseph P., Quincy, Mass. Machine for slitting meat. 1,986,074; Jan. 1.
- Spang, Joseph P., Quincy, Mass. Machine for slitting meat. 1,986,075; Jan. 1.
- Spang, Joseph P., Quincy, Mass. Meat-slitting machine. 1,986,076; Jan. 1.
- Spang, Joseph P., Quincy, Mass. Folding display cabinet. 1,986,077; Jan. 1.
- Spang, Joseph P., Quincy, Mass. Folding display rack. 1,986,078; Jan. 1.
- Spang, Joseph P., Quincy, Mass. Apparatus for aging liquor, wine, and other beverages while stored in a barrel. 2,011,204; Aug. 13.
- Spangenberg, George R. (See Brown, R. L., and Wroby, assignors.)
- Spangle, Earl G., Los Angeles, Calif. Metering valve. 2,025,076; Dec. 24.
- Spangler, E. J., Company. (See Kassekert, H., and Kaeser, assignors.)
- Spangler, Samuel F. (See Hechenbleikner, I., Oliver, and Spangler.)
- Spangler, Samuel F. (See Oliver, T. C., and Spangler.)
- Spaninger, William W., and E. P. Kastien, assignors to Keystone Steel & Wire Company, Peoria, Ill. Article of manufacture. 2,020,006; Nov. 5.
- Spanjers, Anton R. (See Spanjers, Arnold J., and A. R.)
- Spanjers, Arnold J., and A. R. Minneapolis, Minn. Weather stripping. 2,013,869; Sept. 10.
- Spanner, Edward F., Blackheath, London, England. Steam boiler and water-heater. 2,003,980; June 4.
- Spanner, Hans J., Berlin-Wilmersdorf, Germany, assignor to Electrons, Inc. Gas filled tube. 1,995,018; Mar. 19.
- Spanner, Hans J., and E. Germer, Berlin, Germany, assignors to Electrons, Inc. Cold cathode discharge tube. 1,993,187; Mar. 5.
- Spanner, Hans J., and C. J. R. H. von Wedel, Berlin, Germany, assignors, by mesne assignments, to Electrons, Inc. Material for discharge tube anodes. 1,995,017; Mar. 19.
- Spanner, Hans J., Berlin, Germany, and U. Doering, New York, N. Y., assignors to Electrons, Inc. Obtaining emissive coatings. 2,023,707; Dec. 10.
- Spargo, John. (See Mader, Emil A., assignor.)
- Sparkes, Harry P. (See Ferguson, R. W., and Sparkes.)
- Sparkes, John G., Great Neck, N. Y. Hinged box. 2,011,660; Aug. 20.
- Sparks, Charles H., assignor of one-third to T. G. Buit and one-third to D. M. Parks, San Diego, Calif. Tank inlet device. 2,010,445; Aug. 6.
- Sparks, Lucien D., and M. J. Levitt, Minneapolis, Minn. Tobacco container. 2,015,199; Sept. 24.
- Sparks, Samuel H. (See Rudd, H. H., and Sparks.)
- Sparks, Stanley W., Norwalk, Conn., assignor to C. H. Bickell, trustee, representing Metals Research Syndicate, New York, N. Y. Method of and apparatus for extruding tubes and other elongated shapes. 2,002,966; May 28.
- Sparks, Stanley W., Norwalk, Conn., assignor to C. H. Bickell, trustee. Forming valve bodies. 2,021,703; Nov. 19.
- Sparks, William. (See Ahronheim, Albert A., assignor.)
- Sparks, William J., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del. Seed treatment. 2,006,967; July 2.
- Sparks-Withington Company, The. (See Billig, Fred W., assignor.)
- Sparks-Withington Company, The. (See Kayko, Charles J., assignor.)
- Sparks-Withington Company, The. (See Kayko, C. J., and Hall, assignors.)
- Sparring, Albert E., Detroit, Mich. Hose reel. 2,026,327; Dec. 31.
- Sparling, Eric C., Garden City, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Voltage and frequency regulator. 2,014,818; Sept. 17.
- Sparling, Frank T., Glendale, Calif. Electric receptacle. 1,993,042; Mar. 5.
- Sparrow, Stanwood W., assignor to The Studebaker Corporation, South Bend, Ind. Heat control valve. 1,986,542; Jan. 1.
- Sparrow, William E., assignor to Hardy, Spicer & Company, Limited, Birmingham, England. Balancing of tubular shafts. 2,017,609; Oct. 15.
- Spase, Charles B., assignor to Brown-Lipe Gear Company, Syracuse, N. Y. Clutch. 1,991,709; Feb. 19.
- Spase, Charles B., Nedrow, assignor to W. C. Lipe, Inc., Syracuse, N. Y. Vibration dampener motion transmitting element. 1,997,021; Apr. 9.
- Spase, Charles B., Nedrow, assignor to W. C. Lipe Inc., Syracuse, N. Y. Vibration-dampening motion-transmitting element or clutch. 2,019,198; Oct. 29.
- Spatta, George. (See Mogford, E. C., and Spatta.)
- Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Forming axle housings. 1,991,988; Feb. 19.
- Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Metal wheel. 2,000,573; May 7.
- Spaulding, Charles H., Springfield, Ill. Method and apparatus for conditioning precipitates and separating same from liquids. 2,021,672; Nov. 19.
- Spaulding Fibre Co. Inc. (See Boyle, W. E., and Van Lear, assignors.)
- Spaun, Forest W. (See Boeh, A., and Ballew, assignors.)
- Spaunburg, Harvey L., Bristol, Conn., assignor to Veeder-Root Incorporated. Hinge. 1,995,254; Mar. 19.
- Speakman, William G., Port Washington, assignor of two-fifths to The Inventions Exploitation Corporation, New York, and one-fifth to G. Prendini, Port Washington, N. Y. Electric rotisserie. 2,020,807; Nov. 12.
- Speakman, William G., Port Washington, assignor of two-fifths to The Inventions Exploitation Corporation, New York, and one-fifth to G. Prendini, Port Washington, N. Y. Rotisserie oven. 2,020,808; Nov. 12.
- Spear Carbon Company. (See Bemis, Arthur S., assignor.)
- Spear, Ellwood B., Milford, N. H., and R. L. Moore, Mount Lebanon, Pa., assignors, by mesne assignments, to Thermatomic Carbon Company, New York, N. Y. Manufacture of carbon black. 1,987,643; Jan. 15.
- Spear, Ellwood B., Milford, N. H., and R. L. Moore, Mount Lebanon, Pa., assignors to Thermatomic Carbon Company, New York, N. Y. Carbon black. 1,987,644; Jan. 15.
- Spear, Lawrence Y., New London, assignor to Electric Boat Company, Groton, Conn. Ship construction. 1,989,176; Jan. 29.
- Spear, Lawrence Y., H. E. Grieshaber, and E. Nibbs, New London, assignors to Electric Boat Company, Groton, Conn. Electric drive. 2,019,025; Oct. 29.
- Spear, Lawrence Y., H. E. Grieshaber, and E. Nibbs, New London, assignors to Electric Boat Company, Groton, Conn. Electric drive. 2,019,026; Oct. 29.
- Spear, Leolyn F., Westfield, assignor to Gilbert & Barker Manufacturing Company, Springfield, Mass. Oil burner. 1,985,956; Jan. 1.
- Spear, Leolyn F., Westfield, assignor to Gilbert & Barker Manufacturing Company, Springfield, Mass. Oil burner. 1,985,957; Jan. 1.
- Spear, Leolyn F., Westfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil burner. 2,015,572; Sept. 24.
- Spear, Leolyn F., Westfield, and V. E. Duemler, West Springfield, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Fuel feeding system for oil burners. 2,025,479; Dec. 24.
- Spear, Walter A., assignor to Victor Electric Products, Inc., Cincinnati, Ohio. Air distributor for electric fans. 1,990,801; Feb. 12.
- Spear, Walter A., assignor to Victor Electric Products, Inc., Cincinnati, Ohio. Electric fan. Des. 95,091; Apr. 2.
- Spears, Andrew J., Jenks, Okla. Battery terminal post clamp. 1,997,981; Apr. 16.
- Speas Manufacturing Company. (See Williams, P., and Waugh, assignors.)
- Specht, Harry G., Montclair, assignor to Eastwood-Nealley Corporation, Belleville, N. J. Woven wire belt for paper making machines. 2,003,123; May 28.
- Specht, Harry G., Montclair, assignor to Eastwood-Nealley Corporation, Belleville, N. J. Woven wire belt for paper making machines. 2,003,124; May 28.
- Specht, James E., Orrville, Ohio, assignor to J. M. Hopwood, Dormont, Pa. Control system. 1,989,829; Feb. 5.
- Specht, Sigfried, Fieldston, assignor to Ferrous Magnetic Corporation, New York, N. Y. Magnetic testing apparatus and method. 2,005,011; June 18.
- Special Equipment Company. (See Ewald, Mark, assignor.)
- Specialty Automatic Machine Company. (See Sidebotham, Melvin H., assignor.)
- Specialty Engineering Company. (See Pfeiffer, C. G., and Ogden, assignors.)
- Specialty Guild, Inc., The. (See Esselen, Gustavus J., assignor.)
- Specialty Insulation Manufacturing Company. (See Bateholts, Clinton, assignor.)
- Speck, John W. (See Ward, Rollie, assignor.)
- Speck, Roy E. (See Kindie, F., and Speck.)
- Speckter, Heinrich, Frankfurt-on-the-Main, Griechenland, and L. Hebler, assignors to I. G. Farbenindustrie Aktien-gesellschaft, Frankfurt-on-the-Main, Germany. Apparatus for charging, discharging, and turning the material in rotary-hearth furnaces. 1,993,688; Mar. 5.
- Speed and Service Iron Works. (See Beal, A. H., and Hardcastle, assignors.)
- Speed, Teresa T., New York, N. Y. Food compound. 2,019,365; Oct. 29.
- Speeg, George, Hartwell, Ohio. Combination back-up and tail light. 2,005,761; June 25.
- Speer, Max D., Miami, Fla. Automobile headlight indicator. 2,019,199; Oct. 29.
- Speer, Walter. (See Flemming, W., and Speer.)
- Speer, Walter, and W. Flemming, Ludwischhafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktien-gesellschaft, Frankfurt-on-the-Main, Germany. Production of liquid hydrocarbons of the benzene series. 1,998,595; Apr. 23.
- Speicher, John K., assignor to Hercules Powder Company, Wilmington, Del. Safety glass. 2,006,416; July 2.
- Speldel Corporation. (See Kohm, Christian F., assignor.)
- Spelk, Frederick A., and G. K. Forbes, South Pasadena, Calif. Lady's hand bag. 2,022,162; Nov. 26.

- Speik, Frederick A., and G. K. Forbes, South Pasadena, Calif. Mop. 2,025,554; Dec. 24.
- Spell, Fred, Chicago, Ill. Auto locking device. 2,009,862; July 30.
- Spelling, Richard, Berlin-Grunau, Germany. Process and apparatus for the recovery of the constituents of photographic film material. 2,013,769; Sept. 10.
- Spelling, Thomas C., New York, N. Y. Mechanism for self-service merchandising of liquids. 2,018,877; Oct. 29.
- Spellman, Charles B., Glenolden, and A. Greig, Upper Darby, Pa., assignors to Baldwin-Southwark Corporation, Governor. 2,018,977; Oct. 29.
- Spence, Byron, Milwaukee, Wis., assignor to Chr. Hansen's Laboratory, Inc., Little Falls, N. Y. Cheese bandage. 2,007,410; July 9.
- Spence, Fred, Sale, assignor to Linotype and Machinery Limited, London, England. Sheet delivery mechanism of printing machines. 1,996,981; Apr. 9.
- Spence, Hubert L., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Limited travel draft gear construction. 1,986,380; Jan. 1.
- Spence, John L., Jr., assignor, by mesne assignments, to Remac Patents Corporation, New York, N. Y. Film driving means for sound recording cameras. 2,016,656; Oct. 8.
- Spence, Paulsen, East Orange, N. J. Automatic regulating valve. 1,987,032; Jan. 8.
- Spence, Paulsen, East Orange, N. J. Valve. 1,991,032; Feb. 12.
- Spence, Paulsen, Orange, N. J. Regulating valve. 1,995,949; Mar. 26.
- Spence, Paulsen, East Orange, N. J. Valve. 2,001,318; May 14.
- Spence, Peter, & Sons, Limited. (See Crundall, Sydney F. W., assignor.)
- Spencer, Alexander, London, England. Buffer. 1,992,724; Feb. 26.
- Spencer, Alexander, Westminster, London, England. India-rubber spring. 2,001,855; May 21.
- Spencer, Alexander C., Ontario, Province, Canada, and E. W. Luster, Westfield, N. J., assignors to Standard Oil Development Company, New York, N. Y. Apparatus for cracking oil. 1,998,402; Apr. 16.
- Spencer, Douglas A., et al. (See Murray, Humphrey D., assignor.)
- Spencer, Douglas A. (See Murray, H. D., and Spencer.)
- Spencer, Francis E., Indianola, Utah. Gate hinge. 2,010,468; Aug. 6.
- Spencer, Gerald G., Denver, Colo., assignor, by mesne assignments, to Union Carbide and Carbon Research Laboratories, Inc. Frictionless pressure regulator. 1,987,162; Jan. 8.
- Spencer, Gerald G., Denver, Colo., assignor to Union Carbide and Carbon Research Laboratories, Inc. Torch. 1,989,468; Jan. 29.
- Spencer, Grace G. (See Adams, E. M., Gangloff and Spencer.)
- Spencer, John A., Newtonville, assignor, by mesne assignments, to General Plate Company, Attleboro, Mass. Manufacturing radially corrugated disks. 2,001,553; May 14.
- Spencer, John A., Newtonville, Mass., assignor to General Plate Company, Attleboro, Mass. Thermostat. 2,003,018; May 28.
- Spencer, John A., Newtonville, assignor to General Plate Company, Attleboro, Mass. Flow control. 2,006,152; June 25.
- Spencer, John A., Newtonville, assignor to General Plate Company, Attleboro, Mass. Control. 2,010,649; Aug. 6.
- Spencer Lens Company. (See Ott, Harry G., assignor.)
- Spencer Lens Company. (See Ott, Harvey N., assignor.)
- Spencer, Percy L., Medford, Mass., assignor, by mesne assignments, to Old Colony Trust Company. Photoelectric tube. 1,991,774; Feb. 19.
- Spencer, Percy L., Medford, assignor to Raytheon Production Corporation, Cambridge, Mass. Vacuum tube. 1,992,550; Feb. 26.
- Spencer, Percy L., Medford, assignor to Raytheon Production Corporation, Cambridge, Mass. Vacuum tube. 2,015,325; Sept. 24.
- Spencer, Percy L., West Newton, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Variable color luminous device. 1,991,775; Feb. 19.
- Spencer, Percy L., West Newton, assignor to General Plate Company, Attleboro, Mass. Thermostatic control. 1,992,047; Feb. 19.
- Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Liberation of alkali metals. 2,018,815; Oct. 29.
- Spencer, Percy L., assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Rectifier tube. 2,006,488; July 2.
- Spencer, Philip L., assignor to Watson-Williams Manufacturing Company, Millbury, Mass. Shuttle tension and take-up device. 1,998,260; Apr. 16.
- Spencer, Philip L., assignor to Watson-Williams Manufacturing Company, Millbury, Mass. Shuttle eye. 2,002,131; May 21.
- Spencer, Richard K., Dagenham, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Wireless receiver. 2,020,126; Nov. 5.
- Spencer, Rolf B. (See Brown, W. J., and Spencer.)
- Spencer, Roy E., assignor to Dazey Manufacturing Company, Los Angeles, Calif. Mold for flower holders. 1,992,332; Feb. 26.
- Spencer Thermostat Company. (See Gregory, Eli E., assignor.)
- Spencer, Truman O. (See Stewart, F. R., and Spencer.)
- Spencer, White & Prentiss, Incorporated. (See Satre, Hilmar E., assignor.)
- Spencer, White & Prentiss, Incorporated (See Siebel, Ewald H., assignor.)
- Spencer, Wilfrid D., Wavertree, Liverpool, England, assignor to Imperial Chemical Industries Limited. Production of chlorinated rubber products. 1,996,937; Apr. 9.
- Spengler, Arthur F., Oklahoma City, Okla. Earth boring tool. 1,988,023; Jan. 15.
- Spengler, Nathaniel L., et al. (See Quisenberry, Frank R., assignor.)
- Spengler, Walter J., Sidney, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Electrical generator. 2,012,290; Aug. 27.
- Spengler, Walter J., Sidney, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Ignition mechanism for internal combustion engines. 2,024,015; Dec. 10.
- Speranza, John et al. (See Foti, Charles, assignor.)
- Sperber, W. F., et al. (See Gibbs, Charles H., assignor.)
- Sperling, Henry E. (See Zamore, B. V., and Sperling.)
- Sperr, Frederick W., Jr., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Producing ammonium sulphate. 1,986,899; Jan. 8.
- Sperr, Frederick W., Jr., Phoenix, Ariz., assignor to The Koppers Company of Delaware. Production of ammonia compounds. 1,986,900; Jan. 8.
- Sperry, Arthur G. (See Freund, H. R., and Sperry, assignors.)
- Sperry, Edward G., and J. A. Drain, Jr., assignors to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,011,425; Aug. 13.
- Sperry, Elmer A., Jr., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Flight indicator for aircraft. 1,993,864; Mar. 12.
- Sperry, Elmer A., Jr., Brooklyn, N. Y., and B. A. Wittkuhns, Chatham, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro earth inductor compass. 1,988,521; Jan. 22.
- Sperry, Elmer A., Jr., Brooklyn, B. G. Carlson, Queens Village, and M. F. Bates, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Hydro-pneumatic automatic pilot. 1,992,970; Mar. 5.
- Sperry Gyroscope Company. (See Bassett, P. R., and House, assignors.)
- Sperry Gyroscope Company. (See Bates, Mortimer F., assignor.)
- Sperry Gyroscope Company. (See Carlson, Bert G., assignor.)
- Sperry Gyroscope Company. (See Carter, L. F., and Dundon, assignors.)
- Sperry Gyroscope Company. (See Dundon, Daniel C., assignor.)
- Sperry Gyroscope Company. (See Hodgman, Frederick S., assignor.)
- Sperry Gyroscope Company, Inc. (See House, Frank R., assignor.)
- Sperry Gyroscope Company. (See Malkovsky, Louis.)
- Sperry Gyroscope Company. (See Moseley, Francis L., assignor.)
- Sperry Gyroscope Company. (See Myers, S. G., and Chafee, assignors.)
- Sperry Gyroscope Company. (See Narvesen, F. C., and Bates, assignors.)
- Sperry Gyroscope Company. (See Schein, Alexander E., assignor.)
- Sperry Gyroscope Company. (See Sparling, Eric C., assignor.)
- Sperry Gyroscope Company. (See Sperry, Elmer A., Jr., assignor.)
- Sperry Gyroscope Company, Inc. (See Sperry, E. A., Jr., Carlson, and Bates, assignors.)
- Sperry Gyroscope Company, Inc. (See Sperry, E. A., Jr., and Wittkuhns, assignors.)
- Sperry Gyroscope Company. (See Walter, H., and Hodgkinson, assignors.)
- Sperry Gyroscope Company. (See Wittkuhns, Bruno A., assignor.)
- Sperry Gyroscope Company. (See Wittkuhns, B. A., and Thompson, assignors.)
- Sperry Gyroscope Company, Inc. (See Zand, Stephen J., assignor.)
- Sperry, James W., San Marino, Calif. Rotary rock bit. 1,990,007; Feb. 5.
- Sperry, James W., South Pasadena, Calif. Rotary disk bit. 2,003,791; June 4.
- Sperry, James W., South Pasadena, Calif. Rotary rock disk bit. 2,003,793; June 4.
- Sperry Products, Inc. (See Braddon, F. D., and Lawrence, assignors.)
- Sperry Products, Inc. (See Carter, Leslie F., assignor.)
- Sperry Products, Inc. (See De Laniv, Loren J., assignor.)
- Sperry Products, Inc. (See Drake, Harcourt C., assignor.)
- Sperry Products, Inc. (See Drake, H. C., and Jones, assignors.)
- Sperry Products, Inc. (See Jones, George L., assignor.)
- Sperry Products, Inc. (See Perry, Walter M., assignor.)
- Sperry Products, Inc. (See Roede, Charles B., assignor.)

- Sperry Products, Inc. (See Sperry, E. G., and Drain, assignors.)
- Sperry Products, Inc. (See Winburn, Abraham, assignor.)
- Sperry, Samuel E., Hollis, assignor to Intertype Corporation, Brooklyn, N. Y. Line casting machine. 1,997,552; Apr. 9.
- Sperry, Samuel E. Hollis, assignor to Intertype Corporation, Brooklyn, N. Y. Mold disk for typographical machines. 2,023,384; Dec. 3.
- Sperry-Sun Well Surveying Company. (See Bazzoni, Charles B., assignor.)
- Sperry-Sun Well Surveying Company. (See Kothny, Gott-dank L., assignor.)
- Sperry-Sun Well Surveying Company. (See Kothny, G. L., and Narvesen, assignors.)
- Sperry-Sun Well Surveying Company. (See Palmer, A. B., and Kothny, assignors.)
- Sperry-Sun Well Surveying Company. (See Smith, George A., assignor.)
- Sperry-Sun Well Surveying Company. (See Williston, Samuel H., assignor.)
- Sperry-Sun Well Surveying Company. (See Winn, William E., assignor.)
- Sperti, George, Covington, Ky., assignor to Sperti Lamp Corporation, New York, N. Y. Ultraviolet lamp. 2,025,182; Dec. 24.
- Sperti Lamp Corporation. (See Sperti, George, assignor.)
- Spath, Lloyd G., Claridon, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Valve. 2,010,329; Aug. 6.
- Spettel, George F., St. Paul, Minn. Combination door-step. 2,001,802; May 21.
- Spezzano, Frank M., Bristol, Pa. Handle fastening device. 2,005,353; June 18.
- Spicer, Clarence W., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Axle generator drive. 2,026,076; Dec. 31.
- Spicer Manufacturing Corporation. (See Padgett, Joseph E., assignor.)
- Spicer Manufacturing Corporation. (See Peterson, Carl D., assignor.)
- Spicer Manufacturing Corporation. (See Spicer, Clarence W., assignor.)
- Spicher, Clarence C., deceased, Johnstown, Pa., L. Spicher, administrator, assignor to L. A. Spicher. Automatic irrigator. 1,992,132; Feb. 19.
- Spicher, L. Ada. (See Spicher, Clarence C., assignor.)
- Spicher, L'Weyn, administrator. (See Spicher, Clarence C.)
- Spickard, Raymond S., Cincinnati, Ohio. Paste dispensing means. 1,993,043; Mar. 5.
- Spicknall, Thomas F., Catonsville, Md. Piston for hydraulic cylinders. 2,014,819; Sept. 17.
- Spiegel, Benedict, Cleveland, Ohio. Attaching link for wrist watch bracelets and watch rings. 1,999,707; Apr. 30.
- Spiegl, Ellis H., Salinas, Calif. Conveyer. 2,005,442; June 18.
- Spiegl, Ellis H., Salinas, Calif. Crate lid. 2,020,584; Nov. 12.
- Spiegler, Louis. (See Tinker, J. M., and Spiegler.)
- Spiegler, Louis, South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of methyl-anthraquinone. 2,002,988; May 28.
- Spiegler, Louis, South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of 2'-nitro-2-carboxy-diphenylamine. 2,003,842; June 4.
- Spiegler, Louis, and H. R. Lee, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyeing of cellulose derivatives. 2,005,303; June 18.
- Spiele, William B. (See Dumble, Clifford R., assignor.)
- Spelman, Milton H., Silver Lake, assignor to The Black & Decker Electric Company, Kent, Ohio. Centrifugal switch. 2,017,638; Oct. 15.
- Spelvogel, Joseph, Newark, N. J. Reproduction. 1,992,017; Feb. 19.
- Spless, Clara L., Philadelphia, Pa. Back protector. 2,010,163; Aug. 6.
- Spless, Francis J. (See Bowersock, W. E., and Spless.)
- Spless, Georg, Leipzig, Germany. Folding machine. 1,998,337; Apr. 16.
- Spless, Georg, Leipzig, Germany. Sheet separating and conveying device. 2,000,261; May 7.
- Spless, Georg, Leipzig, Germany. Tipping suction device for sheet separating machines. 2,012,485; Aug. 27.
- Spless, Georg, Leipzig, Germany. Pneumatic control device. 2,024,544; Dec. 17.
- Spikerman, Frank T. (See Oyster, E. F., and Spikerman.)
- Spiking, Carlos A., Buenos Aires, Argentina. Cigarette box or cigarette box holder. 1,994,540; Mar. 19.
- Spiking, Carlos A., Buenos Aires, Argentina. Dismountable case or wrapper for the rapid packing and unpacking of its contents. 1,994,541; Mar. 19.
- Spillane, James D., assignor to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, permanent trustee. Folding mechanism. 1,997,126; Apr. 9.
- Spiller, Gerhard, Brooklyn, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Spring mounting. 2,008,475; July 16.
- Spiller, William R. (See Cooper, R. M., and Spiller.)
- Spiller, William R., assignor to The White Motor Company, Cleveland, Ohio. Mechanism for changing and governing the speed of engines. 2,001,590; May 14.
- Spina, Henry J., Albany, N. Y. Finger bar for use with stringed musical instruments. 2,021,641; Nov. 19.
- Spina, Henry J., Albany, N. Y. Finger bar for use with stringed musical instruments. 2,025,786; Dec. 31.
- Spina, John A., Madera, Calif. Direction signal. 2,019,366; Oct. 29.
- Spinosa, Arthur V., and E. T. Redding, assignors to Penn Metal Company, Parkersburg, W. Va. Manufacture of brake shoe inserts. 2,011,681; Aug. 20.
- Spiro, Harry, assignor to Dental Research Corporation, Chicago, Ill. Dental carving machine. 2,007,884; July 9.
- Spiro, Harry, Chicago, assignor to Dental Research Corporation, Cook County, Ill. Dental crown, inlay, and bridge work. 2,010,611; Aug. 6.
- Spiros, Sam, Chicago, Ill. Paste dispensing device. 2,001,983; May 21.
- Spiselman, Louis. (See Rosenberg, G., and Spiselman.)
- Spitalny, Fred, Elizabeth, N. J. Cigarette case. 2,021,755; Nov. 19.
- Spitzer, Benjamin L., and A. Benko, New York, N. Y. Dental model. 2,005,114; June 18.
- Spitzglass, Albert F. (See James, George S., assignor.)
- Spitzglass, Albert F., Chicago, Ill. Sign. 2,026,328; Dec. 31.
- Spitzglass, Albert F., assignor to Republic Flow Meters Co., Chicago, Ill. Electric transmitter for gas analyzers. 1,993,023; Mar. 5.
- Spitzglass, Albert F., assignor to The Republic Flow Meters Company, Chicago, Ill. Instrument. 2,008,970; July 23.
- Spaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,022,163; Nov. 26.
- Spoehrer, Hermann F., St. Louis, Mo. Connection for fluid lines. 2,014,911; Sept. 17.
- Spohn Corporation, The. (See Spohn, Malcolm E., assignor.)
- Spohn, Malcolm E., Sidney, assignor to The Spohn Corporation, Norwich, N. Y. Magneto. 2,015,091; Sept. 24.
- Spohn, Malcolm E., Sidney, assignor to one-half to E. C. Burdick, Bainbridge, N. Y. Magneto. 2,015,697; Oct. 1.
- Spohr, Carl W., assignor to Mechanical Refrigerated Car Company, Chicago, Ill. Refrigerating apparatus. 2,010,279; Aug. 6.
- Spobr, Carl W., assignor to Mechanical Refrigerated Car Company, Chicago, Ill. Car axle driving mechanism. 2,025,314; Dec. 24.
- Spohrer, Gregory J., East Orange, N. J. Air compressor. 1,998,338; Apr. 16.
- Sponsler, Charles F., Philadelphia, Pa. Door controlling mechanism. 2,025,480; Dec. 24.
- Sponsler, Jacob M. (See Radley, F. T., and Sponsler.)
- Spool Cotton Company, The. (See Bacon, Charles J., assignor.)
- Spooner, William W., Ilkley, England. Steaming of webs of material. 2,008,230; July 16.
- Spoor, Ivan H., La Grange, assignor to The Gerrard Company, Inc., Chicago, Ill. Wire tying machine. 1,993,755; Mar. 12.
- Spoor, Ivan H., La Grange, assignor to The Gerrard Company, Inc., Chicago, Ill. Wire tying machine. 1,999,144; Apr. 23.
- Spoor, Ivan H., LaGrange, assignor to The Gerrard Company, Inc., Chicago, Ill. Loading of sewer-pipe, building tile, etc., for railway equipment. 2,016,461; Oct. 8.
- Spoor, Ivan H., assignor to The Gerrard Company, Inc., Chicago, Ill. Loading of sewer pipe, building tile, etc., for railway shipment. 2,024,189; Dec. 17.
- Spoor, Willem L. J., Amsterdam, Netherlands. Rotary pump. 2,015,200; Sept. 24.
- Sporman, David J., Los Angeles, Calif. Receiver for cigars, cigarettes, and the like. 1,992,450; Feb. 26.
- Sports Grounds Rubber Surfacing Company Limited. (See Burton, Edward, assignor.)
- Spoun, Fritz. (See Schlecht, L., Hamprecht, and Spoun.)
- Spracher, Clifford D., Long Beach, assignor to one-half to W. C. Wheat, Belvedere Gardens, Calif. Line spooler for oil field draw works. 2,016,755; Oct. 8.
- Sprado, Carl G., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Fuel injection device. 1,989,891; Feb. 5.
- Sprague, Frank D., and F. W. McNamara, North Adams, assignors to Sprague Specialties Co., Quincy, Mass. Sealing means for electrolytic devices. 2,000,793; May 7.
- Sprague, Frank J., New York, N. Y., assignor to Westinghouse Electric & Manufacturing Company. Safety mechanism for elevators. 1,987,719; Jan. 15.
- Sprague, Frank J., assignor to General Railway Signal Company, New York, N. Y. Train-control apparatus. 2,001,163; May 14.
- Sprague, Frank J., New York, N. Y., assignor to Sprague Signs, Inc., Wilmington, Del. Universal electric sign system. 2,024,074; Dec. 10.
- Sprague, Harold W., Brockton, Mass. Machine for turning lasts and the like irregular forms. 1,993,632; Mar. 5.
- Sprague, Hugh B., et al. (See Fairchild, Donald H., assignor.)

- Sprague, Julian K., Quincy, Mass., assignor, by mesne assignments, to Sprague Specialties Company. Electrolytic condenser. 2,012,359; Aug. 27.
- Sprague, Philip T., Long Beach, Ind. Portable testing instrument. 2,001,588; May 14.
- Sprague, Robert C., Quincy, assignor to Sprague Specialties Co., North Adams, Mass. Electrical condenser. 2,014,398; Sept. 17.
- Sprague, Robert C., Quincy, assignor to Sprague Specialties Co., North Adams, Mass. Manufacture of electrical condensers. 2,014,399; Sept. 17.
- Sprague, Robert C., assignor to Sprague Specialties Co., North Adams, Mass. Capacitor motor. 2,011,126; Aug. 13.
- Sprague, Robert C., assignor to Sprague Specialties Co., North Adams, Mass. Electrolytic condenser and circuit arrangement. 2,016,302; Oct. 8.
- Sprague, Robert C., assignor to Sprague Specialties Company, North Adams, Mass. Electrolytic condenser and circuit arrangement therefor. 2,016,303; Oct. 8.
- Sprague, Robert C., and C. Shugg, assignors to Sprague Specialties Company, North Adams, Mass. Electrolytic condenser. 1,996,982; Apr. 9.
- Sprague, Robert C., and J. F. McCann, assignors to Sprague Specialties Co., North Adams, Mass. Electrolytic condenser. 1,997,185; Apr. 9.
- Sprague, Robert C., and J. F. McCann, Williamstown, assignors to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 2,005,055; June 18.
- Sprague, Robert C., and J. F. McCann, Williamstown, assignors to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 2,011,461; Aug. 13.
- Sprague-Sells Corporation. (See Lewis, Harold R., assignor.)
- Sprague-Sells Corp. (See Sells, O. S., and Wheeler, assignors.)
- Sprague-Sells Corporation. (See Weiss, Wenzel F., assignor.)
- Sprague Signs, Inc. (See Sprague, Frank J., assignor.)
- Sprague Specialties Company. (See Dunn, William LeR., assignor.)
- Sprague Specialties Co. (See Godsey, Frank W., Jr., assignor.)
- Sprague Specialties Company. (See Robinson, Preston, assignor.)
- Sprague Specialties Co. (See Sprague, F. D., and McNamara, assignors.)
- Sprague Specialties Company. (See Sprague, Julian K., assignor.)
- Sprague Specialties Co. (See Sprague, Robert C., assignor.)
- Sprague Specialties Company. (See Sprague, R. C., and McCann, assignors.)
- Sprague, Thomas L., U. S. Navy. Navigational instrument. 2,007,986; July 16.
- Spray Engineering Company. (See Thompson, Wayne B., assignor.)
- Spray, Lester E., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,989,533; Jan. 29.
- Spreckels Sugar Company. (See Meredith, S. C., Alston, and Winslow, assignors.)
- Sprecker, Alfred L., Freeport, Long Island, assignor to International Business Machines Corporation, New York, N. Y. Weight control escalator. 1,987,272; Jan. 8.
- Sprecker, Alfred L., Freeport, assignor to International Business Machines Corporation, New York, N. Y. Lock. 2,016,687; Oct. 8.
- Sprenger, Max, Basel, Switzerland, assignor to John Zimmerli, Dallas, Tex. Carburetor. 2,009,280; July 23.
- Spriggs, William E., Des Moines, Iowa. Game. 2,007,885; July 9.
- Spring, Henry L., Long Beach, Calif. Elevation beacon for aircraft and the like. 2,023,708; Dec. 10.
- Spring, Walter M., Springvale, Maine, assignor to Arlington Mills, Laurence, Mass. Spinning frame draft roll cleaner. 2,022,832; Dec. 3.
- Springborn, Bruno, New York, N. Y. Puzzle box. 1,987,496; Jan. 8.
- Springer, Ray W., Detroit, Mich. Antisqueak strip. 2,007,549; July 9.
- Springfield Wire & Tinsel Co. (See Bradford, Edward S., Jr., assignor.)
- Springfield Wire & Tinsel Co. (See Homon, Albert, assignor.)
- Sprinkel, Paul E., Baltimore, Md. Combined shade roller and curtain rod support. 2,005,012; June 18.
- Sproul, Donald F., Chicago, Ill., assignor to Cardwell Westinghouse Company. Draft gear. 1,997,472; Apr. 9.
- Sproull, William C., assignor to Burroughs Adding Machine Company, Detroit, Mich. Jacket for carbon paper. 2,019,802; Nov. 5.
- Sproxtton, Foster, Manningtree, assignor to the British Xylonite Company Limited, Hale End, London, England. Manufacture of materials for producing or detecting polarized light. 2,017,705; Oct. 15.
- Spruegel, Walter, and W. W. Riedel, Dayton, Ohio., assignors to General Motors Corporation, Detroit, Mich. Lighter. 2,008,265; July 16.
- Sprung, Abraham, New York, N. Y. Sign frame support. 1,995,869; Mar. 26.
- Sprung, Abraham, New York, N. Y. Beacon light. 2,015,442; Sept. 24.
- Sprung, Edwin G. (See Crawford, J. M., and Sprung.)
- Sprung, Edwin G., assignor to General Motors Corporation, Detroit, Mich. Wheel carrier. 1,993,865; Mar. 12.
- Spry, Walter T. (See Munsell, A. E. O., and Spry.)
- Spuler, Frank L., and M. W. Edwards, Republic, Wash. Pinion puller. 2,024,891; Dec. 17.
- Spurr, Robert E., assignor to Chrysler Corporation, Detroit, Mich. Grinding apparatus. 2,002,967; May 28.
- Spurway, Arthur M., New York, N. Y. Sark plug. 2,026,143; Dec. 31.
- Spyco Smelting and Refining Company. (See Taylor, Norris O., assignor.)
- Square D Company. (See Ball, Albert P., assignor.)
- Square D Company. (See Jackson, John G., assignor.)
- Square D Company. (See Jackson, J. G., and Wolf, assignors.)
- Square D Company. (See Jenkins, Paul S., assignor.)
- Square D Company. (See Pengilly, J. H., Snoke, and Maechten.)
- Square D Company. (See Van Valkenburg, Hermon L., assignor.)
- Square D Company. (See Van Valkenburg, H. L. and Zeller, assignors.)
- Square D Company. (See Wilhelm, Henry A., assignor.)
- Squee-Wash Mfg. Co. (See Rogers, Kenneth S., assignor.)
- Squibb, E. R., & Sons. (See Christiansen, W. G., and Harris, assignors.)
- Squibb, E. R., & Sons. (See Christiansen, W. G., Moness, and Harris, assignors.)
- Squibb, E. R., & Sons. (See Jones, William S., assignor.)
- Squibb, E. R., & Sons. (See Lee, John, assignor.)
- Squibb, E. R., & Sons. (See Lott, William A., assignor.)
- Squibb, E. R., & Sons. (See Moness, Eugene, assignor.)
- Squibb, E. R., & Sons. (See Nitardy, Ferdinand W., assignor.)
- Squibb, E. R., & Sons. (See Nitardy, F. W., Christiansen, and Deuble, assignors.)
- Squibb, E. R., & Sons. (See Westgate, R. S., and Behr, assignors.)
- Squier, George O., Washington, D. C. Combined sound and light distributing apparatus. 1,999,579; Apr. 30.
- Squire, Frederick A., Stoke Newington, assignor to G. C. Rapkin and F. G. Rapkin, London, England. Machine for cutting off short lengths of flexible material and creasing and folding the same. 2,021,614; Nov. 19.
- Squires, John, Hagerstown, Md. Pitch adjusting means for propellers. 2,008,191; July 16.
- Squires, John, Hagerstown, Md. Adjustable pitch propeller. 2,013,930; Sept. 10.
- Squyer, Albert R. (See Weaver, I. A., Squyer, and Hall.)
- Srulowitz, Benjamin, Brooklyn, N. Y. Combination pocket-book muff bend. 1,987,759; Jan. 15.
- Staab, Gisela. (See Staab, Ludwig, and G.)
- Staab, Ludwig, and G. Staab, Munich, Germany. File for perforated sheets. 1,995,590; Mar. 26.
- Stack, Raymond F., Oakland, Calif. Burial casket construction. 2,014,361; Sept. 10.
- Stabert, William F., Philadelphia, Pa., assignor to Fashionloxx, Incorporated, Dover, Del. Transfer mechanism for flat knitting machines. 2,012,360; Aug. 27.
- Stablow, Francis B., et al. (See Mattro, Nick, assignor.)
- Stablow, Thomas D., et al. (See Mattro, Nick, assignor.)
- Stacey Bros. Gas Construction Company, The. (See Schürmann, Friedrich, assignor.)
- Stacey, Ernest W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutting die. 1,992,250; Feb. 26.
- Stacey, Ernest W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon sheet material. 1,996,127; Apr. 2.
- Stacey, Ernest W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cementing machine. 2,008,801; July 23.
- Stack, James R., assignor to The L. D. Caulk Company, Milford, Del. Dental alloy. 2,024,545; Dec. 17.
- Stackhouse, George A., Oakland, Calif., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring structure. 1,993,188; Mar. 5.
- Stackhouse, George A., Oakland, Calif., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring assembling apparatus. 1,993,189; Mar. 5.
- Stackhouse, George A., Oakland, Calif., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring assembling appliance. 1,993,190; Mar. 5.
- Stackhouse, George A., Oakland, Calif., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring structure. 2,007,385; July 9.
- Stackpole Carbon Company. (See Sanders, Vernon H., assignor.)
- Stacks, Howard R. (See Turner, H. C., and Stacks.)
- Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Hydraulic press. 2,013,587; Sept. 3.
- Stacy-Bush, Vivian M. (See Danser, Stanley A., assignor.)
- Stadium Stores, Inc. (See Rorner, C. E., and Mitterer, assignors.)
- Stadler, Robert. (See Baumann, O., and Stadler.)
- Stadler, Robert. (See Bauman, P., Schilling, and Stadler.)
- Stadler, Robert. (See Baumann, P., Stadler, and Willig.)

- Stadler, Tove (Mrs.), et al. (See Gibbs, Charles H., assignor.)
- Stadt, Henry M., Glendale, Calif., assignor, by mesne assignments to Refining, Inc., Reno, Nev. Manufacturing products from cotton seed solids. 2,015,242; Sept. 24.
- Stadtfeld, Jacob A., San Francisco, Calif., assignor to Williams-Wallace Company. Composite pipe construction. 2,013,193; Sept. 3.
- Staedtler, firm J. S. (See Kreutzer, Karl, assignor.)
- Staedtler, J. S. (See Schwarz, A., and Kreutzer, assignors.)
- Staege, Stephen A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 1,987,720; Jan. 15.
- Staege, Stephen A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 1,991,066; Feb. 12.
- Staege, Stephen A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 1,991,067; Feb. 12.
- Staege, Stephen A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Stock consistency regulator. 2,023,106; Dec. 3.
- Staege, Stephen A., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electron tube type tension regulator. 2,024,708; Dec. 17.
- Staege, Stephen A., Pittsburgh, H. W. Reding, Forest Hills, and J. F. Peters, Edgewood, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,015,539; Sept. 24.
- Staempfli, Joseph, New Orleans, La. Machine for making boiler cleaner nozzles. 2,006,283; June 25.
- Staempfli, Joseph, New Orleans, La. Bolt lock. 2,022,946; Dec. 3.
- Staff, Aaron S., New York, N. Y. Veil and forming same. 1,990,420; Feb. 5.
- Staffieri, Emilio. (See Browne, L. P., and Staffieri.)
- Stafford, Edwin G. (See McWhirter, Mark H., assignor.)
- Stafford, John K., Pittsfield, Mass. Game apparatus. 1,999,518; Apr. 30.
- Stafford, John K., Pittsfield, Mass., assignor to General Electric Company. Protective system. 2,016,911; Oct. 8.
- Stafford, John W., Chicago, Ill. Elastic body belt. 2,010,612; Aug. 6.
- Stafford, S. S., Inc. (See Stafford, William S., assignor.)
- Stafford, Stephen B. (See Thomson, G. H., Stafford, and Smith.)
- Stafford, William S., assignor to S. S. Stafford, Inc., New York, N. Y. Spreading nozzle for adhesive containers. 2,014,149; Sept. 10.
- Stafforini, Lalli. (See Bird, Ernest, assignor.)
- Stahl, Edward J., Lakewood, assignor to The Baker-Rauland Company, Cleveland, Ohio. Vehicle. 2,011,596; Aug. 20.
- Stahl, Erich. (See von Girssewald, Conway, Baron, and Stahl.)
- Stahl, Frank E., Tonawanda, N. Y. Shearing device for chain link forming machines. 1,990,571; Feb. 12.
- Stahl, Frank E., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Apparatus for forming chain link blanks. 1,994,794; Mar. 19.
- Stahl, Frank E., Tonawanda, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Buckle. 2,001,072; May 14.
- Stahl, Frank E., assignor to Columbus McKinnon Chain Company, Tonawanda, N. Y. Hoisting device. 2,019,511; Nov. 5.
- Stahl, Frank E., assignor to Columbus McKinnon Chain Company, Tonawanda, N. Y. Preventing reverse winding of a cable on a drum. 2,019,512; Nov. 5.
- Stahl, Frank E., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Welding. 2,021,157; Nov. 19.
- Stahl, Frank E., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Making a chain link. 2,025,555; Dec. 24.
- Stahl, Frank E., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Locking engaging coating elements. 2,025,556; Dec. 24.
- Stahl, Frank E., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Chain link blank. 2,025,557; Dec. 24.
- Stahl, Karl, assignor to the firm Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Device for registering the charging condition of airships. 2,020,526; Nov. 12.
- Stahl, Oscar W., Needham, Mass. Closure for insulated chambers. 1,986,022; Jan. 1.
- Stahlecker, Wilhelm, Cannstatt, near Stuttgart, assignor to Vereinigte Kugellagerfabriken Aktiengesellschaft, Schweinfurt, Germany. Textile spindle mounting. 2,006,968; July 2.
- Stahlecker, Wilhelm, Cannstatt, near Stuttgart, and J. Ralbe, Stuttgart, assignors to Vereinigte Kugellagerfabriken A.-G., Berlin, Germany. Spindle bearing. 2,025,787; Dec. 31.
- Stahm, Karl, Turners Falls, Mass., assignor to Andreas, G. m. b. H., Munster, Germany. Bag chair for bag filling machines. 1,988,705; Jan. 22.
- Stahn, Albert, Hanover, Germany. Sand core forming apparatus. 2,025,404; Dec. 24.
- Stalano, Louis, New York, N. Y. Receptacle. 1,989,342; Jan. 29.
- Staines, Guillermo, Mexico, D. F., assignor to A. Daumas, Mexico. Shoe with interchangeable heels. 1,996,659; Apr. 2.
- Stair, Ralph, assignor to S. R. Winters, Washington, D. C. Testing apparatus for radio receivers and parts thereof. 1,990,920; Feb. 12.
- Staky, Carl E. (See Payzer, S. D., Preston, and Staky.)
- Stalder, Jacob, St. Louis, Mo. Pump. 2,023,250; Dec. 3.
- Staley, A. E., Manufacturing Company. (See Bartow, E., and Albrook, assignors.)
- Staley, A. E., Manufacturing Company. (See Bishop, William B., assignor.)
- Staley, A. E., Manufacturing Company. (See Durkee, Maurice M., assignor.)
- Staley, A. E., Manufacturing Company. (See French, Arthur H., assignor.)
- Staley, A. E., Manufacturing Company. (See Greenfield, R. E., and Baker, assignors.)
- Staley, A. E., Manufacturing Company. (See Hansen, Donald W., assignor.)
- Staley, Allen C., Birmingham, assignor to Chrysler Corporation, Detroit, Mich. Valve mechanism. 2,011,780; Aug. 20.
- Staley, Harrison L., Martinsville, Ind. Aerating device. 2,008,369; July 16.
- Staley, Harrison L., Martinsville, Ind. Boiler-tube cleaner. 2,015,973; Oct. 1.
- Staley, Homer F., Warren Township, Somerset County, N. J. Enameling metal articles. 1,996,840; Apr. 9.
- Staley, Joseph H., Columbus, Ind. Crossing gate. 1,985,958; Jan. 1.
- Staley, Joseph H., Columbus, Ind. System for operating crossing gates. 1,993,533; Mar. 5.
- Staley, Joseph H., Columbus, Ind. Crossing gate. 2,007,481; July 9.
- Staley, Joseph H., Columbus, Ind. Changing gaseous contents of switch tubes. 2,014,597; Sept. 17.
- Staley, Joseph P., Charlottesville, Va. Washing machine. 2,012,643; Aug. 27.
- Staley, Marcellus, Brooklyn, N. Y. Elevator control system. 2,014,821; Sept. 17.
- Stålthane, Johan B. (See Stålthane, Otto, and J. B.)
- Stålthane, Otto. (See Werner, D. R. E., Gieritz-Hedström, and Stålthane.)
- Stålthane, Otto, and J. B. Stålthane, Stockholm, Sweden. Converting carbon dioxide contained in gases into carbon monoxide. 2,007,586; July 9.
- Stalker, Edward A., Ann Arbor, Mich. Wing construction. 1,988,670; Jan. 22.
- Stalker, Edward A., Ann Arbor, Mich. Aircraft. 1,993,419; Mar. 5.
- Stalker, Edward A., Ann Arbor, Mich. Aircraft. 2,008,424; July 16.
- Stalker, Ralph M., Bogota, N. J. Advertising medium or toy. 1,997,022; Apr. 9.
- Stalle, Albert P. (See Dawson, Sidney, assignor.)
- Stalle, Eloise R., administratrix. (See Dawson, Sidney, assignor.)
- Stallmann, Otto, South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the dibenzanthrone series and preparing the same. 2,005,810; June 25.
- Stalzer, August, Toledo, Ohio. Curtain stretcher. 2,000,358; May 7.
- Stam, Martinus J., The Hague, Netherlands. Apparatus for the converting of milky liquids, solutions, dispersions, and emulsions into powder form by drying. 2,002,252; May 21.
- Stam, Martinus J., The Hague, Netherlands. Apparatus for spray drying rubber latex and other solutions, dispersions, or emulsions. 2,009,531; July 30.
- Staman, Llewellyn L., Sioux City, Iowa. Building construction. 2,008,775; July 23.
- Stamm, Edward P., Cathlamet, Wash. Scraper. 1,989,431; Jan. 29.
- Stamm, Paul E., Endicott, N. Y. Magazine for rubber erasers. 1,999,425; Apr. 30.
- Stammerberg, Lorenz O., Utica, N. Y., assignor to Leeds & Northrup Company, Philadelphia, Pa. Program control of nitriding. 2,025,134; Dec. 24.
- Stampfli, Adolf, Aarau, Switzerland. Device on folding machines. 2,020,745; Nov. 12.
- Stamy, David R., assignor to Chrysler Corporation, Detroit, Mich. Fastening member. 1,997,756; Apr. 16.
- Stanciliff, Thomas H., assignor to Reed Roller Bit Company, Houston, Tex. Roller bit. 1,998,793; Apr. 23.
- Stanco, Inc. (See Hofmann, H. E., and Park, assignors.)
- Stanco Incorporated. (See McClave, J. A. E., and Grant, assignors.)
- Stanco Incorporated. (See Schuler, Reuben, assignor.)
- Stanco Incorporated. (See Sessions, Alwyn C., assignor.)
- Stanco, Incorporated. (See Winning, C., and Tuttle, assignors.)
- Standard Alcohol Company. (See Archibald, F. M., and Beamer, assignors.)
- Standard Alcohol Company. (See Brooks, Benjamin T., assignor.)
- Standard Alcohol Company. (See Brooks, B. T., and Schuler, assignors.)
- Standard Alcohol Company. (See Cardarelli, Eugene J., assignor.)
- Standard Alcohol Company. (See Lebo, R. B., and Beamer, assignors.)
- Standard Brands, Incorporated. (See Braasch, Hans and A., assignors.)

- Standard Brands Incorporated. (See Braun, Geza, assignor.)
- Standard Brands Incorporated. (See Broeg, William E., assignor.)
- Standard Brands Incorporated. (See Erickson, Ernest F., assignor.)
- Standard Brands Incorporated. (See Gore, H. C., Jozsa, and Frey, assignors.)
- Standard Brands Incorporated. (See Langwell, H., and Gilmour, assignors.)
- Standard Brands Incorporated. (See Meynen, Hubert L. K., assignor.)
- Standard Brands Incorporated. (See Schultz, A., Freilich, and Frey, assignors.)
- Standard Cap and Seal Corporation. (See Brinton, Christian H., assignor.)
- Standard Cap and Seal Corporation. (See Brinton, C. H., and Weiss, assignors.)
- Standard Cap & Seal Corporation. (See Tevander, Olof N., assignor.)
- Standard Car Truck Company. (See Barber, F. L., and Webb, assignors.)
- Standard Car Truck Company. (See Webb, Edwin W., assignor.)
- Standard Chair Company, et al. (See Hatch, Orval C., assignor.)
- Standard Computing Scale Company, The. (See Jaenichen, L., and Kelley, assignors.)
- Standard Computing Scale Company, The. (See Jaenichen, L., and Ribble, assignors.)
- Standard Computing Scale Company, The. (See Kelley, Leonard D., assignor.)
- Standard Conveyor Company. (See Eggleston, Smith, assignor.)
- Standard Corset Company, The. (See Allis, Robert T., assignor.)
- Standard Coupler Company. (See Goodwin, Ernest G., assignor.)
- Standard Electric Manufacturing Co., The. (See Parker, Thomas L., assignor.)
- Standard Electric Stove Company, The. (See Pierson, Charles A., assignor.)
- Standard Equipment Corporation. (See Rauch, Emil J., assignor.)
- Standard Forgings Company. (See Swanson, C. S., Cornell, and Aldrin, assignors.)
- Standard Gage Company. (See Aldeborgh, Erik H., assignor.)
- Standard Gage Company. (See Aldeborgh, E. H., and Emery, assignors.)
- Standard Gas Equipment Corporation. (See O'Dowd, Henry W., assignor.)
- Standard-I. G. Company. (See Black, N. F., and Tilton, assignors.)
- Standard-I. G. Company. (See Davis, Garland H. B., assignor.)
- Standard-I. G. Company. (See Fulton, S. C., and Kalichevsky, assignors.)
- Standard-I. G. Company. (See Haslam, Robert T., assignor.)
- Standard-I. G. Company. (See Herold, P., and Kaufmann, assignors.)
- Standard-I. G. Company. (See Kaehler, H., and Klein, assignors.)
- Standard-I. G. Company. (See Krauch, C., and Pier, assignors.)
- Standard-I. G. Company. (See Peck, Edward B., assignor.)
- Standard-I. G. Company. (See Peck, Edward G., assignor.)
- Standard-I. G. Company. (See Pier, Matthias, assignor.)
- Standard-I. G. Company. (See Pier, M., Kroenig, and Simon, assignors.)
- Standard Johnson Company. (See Donnellan, Edward P., assignor.)
- Standard-Knapp Corporation. (See Kimball, Wallace D., assignor.)
- Standard-Knapp Corporation. (See Mayer, Karl H., assignor.)
- Standard-Knapp Corporation. (See Mudd, Garrett W., assignor.)
- Standard-Knapp Corporation of New York. (See Mosley, J. H., and Braren, assignors.)
- Standard Mailing Machines Company. (See Storck, Frederick W., assignor.)
- Standard Mirror Company. (See La Hodny, W., and Szyminski, assignors.)
- Standard Oil Company. (See Adams, Chester E., assignor.)
- Standard Oil Company. (See Adams, C. E., and Voorhees, assignors.)
- Standard Oil Company. (See Adams, Elmer W., assignor.)
- Standard Oil Company. (See Anderson, John A., assignor.)
- Standard Oil Company. (See Anderson, Lottie E., assignor.)
- Standard Oil Company. (See Arveson, Maurice H., assignor.)
- Standard Oil Company. (See Atwell, Harold V., assignor.)
- Standard Oil Company. (See Beale, Edward B., assignor.)
- Standard Oil Company. (See Bachelder, William H., assignor.)
- Standard Oil Company. (See Bahlke, William H., assignor.)
- Standard Oil Company. (See Beard, R. E., and Roberts, assignors.)
- Standard Oil Company. (See Blair, Frank O., assignor.)
- Standard Oil Company. (See Brewster, O. C., Paulus, and Thompson, assignors.)
- Standard Oil Company. (See Brown, A. B., and Bransky, assignors.)
- Standard Oil Company. (See Brown, Bruce K., assignor.)
- Standard Oil Company. (See Buchler, Clifford C., assignor.)
- Standard Oil Company, The. (See Burk, Robert E., assignor.)
- Standard Oil Company, The. (See Burk, R. E., and Hughes, assignors.)
- Standard Oil Company. (See Cooker, Thomas S., assignor.)
- Standard Oil Company. (See Elsinger, J. O., and Barnard, assignors.)
- Standard Oil Company. (See Endres, Arthur F., assignor.)
- Standard Oil Company. (See Follin, Ernest E., assignor.)
- Standard Oil Company. (See Follin, E. E., and Voorhees, assignors.)
- Standard Oil Company. (See Frolich, P. K., and Wiezevich, assignors.)
- Standard Oil Company. (See Hilliker, William P., assignor.)
- Standard Oil Company. (See MacLaren, Frederick H., assignor.)
- Standard Oil Company. (See MacLaren, F. H., and Bowers, assignors.)
- Standard Oil Company. (See Mathews, Wallace B., assignor.)
- Standard Oil Company. (See Matter, Albert J., assignor.)
- Standard Oil Company, The. (See McConnell, Elliott B., assignor.)
- Standard Oil Company. (See McNeil, Claude P., assignor.)
- Standard Oil Company, The. (See Musselman, John M., assignor.)
- Standard Oil Company. (See Parkhurst, George L., assignor.)
- Standard Oil Company. (See Paulus, Max G., assignor.)
- Standard Oil Company. (See Plummer, William B., assignor.)
- Standard Oil Company. (See Plummer, W. B., and Voorhees, assignors.)
- Standard Oil Company. (See Price, Ralph H., assignor.)
- Standard Oil Company. (See Rexwinkle, Fred D., assignor.)
- Standard Oil Company. (See Roberts, J. K., and Watts, assignors.)
- Standard Oil Company. (See Rogers, Francis M., assignor.)
- Standard Oil Company. (See Ruthruff, Robert F., assignor.)
- Standard Oil Company. (See Schroeder, Carl J., assignor.)
- Standard Oil Company. (See Shoemaker, Bernard H., assignor.)
- Standard Oil Company. (See Smith, Frank J., assignor.)
- Standard Oil Company. (See Stiles, Harry G., assignor.)
- Standard Oil Company. (See Sullivan, Frederick W., Jr., assignor.)
- Standard Oil Company. (See Voorhees, Vanderveer, assignor.)
- Standard Oil Company. (See Watts, G. W., and Mathews, assignors.)
- Standard Oil Company. (See Wheeler, Russell C., assignor.)
- Standard Oil Company. (See Whitman, Walter G., assignor.)
- Standard Oil Company. (See Wilson, Jesse R., assignor.)
- Standard Oil Company. (See Wilson, Robert E., assignor.)
- Standard Oil Company (Indiana). (See Bahlke, W. H., and Stockdale, assignors.)
- Standard Oil Company, (Indiana). (See Forrester, Jay H., assignor.)
- Standard Oil Company (Indiana). (See McCormick, Augustus P., assignor.)
- Standard Oil Company (Indiana). (See Payne, Elmer H., assignor.)
- Standard Oil Company (Indiana). (See Snow, H. R., and Zimmerman, assignors.)
- Standard Oil Company (Indiana). (See Steininger, Herbert M., assignor.)
- Standard Oil Company (Indiana). (See Wade, Arthur C., assignor.)
- Standard Oil Company of California. (See Cardoza, Frank, assignor.)
- Standard Oil Company of California. (See Cavins, Omar A., assignor.)
- Standard Oil Company of California. (See Claesson, Carl A., assignor.)
- Standard Oil Company of California. (See Corkran, Ceylon C., assignor.)
- Standard Oil Company of California. (See Cronin, James A., assignor.)
- Standard Oil Company of California. (See Davis, W. N., and Holm, assignors.)
- Standard Oil Company of California. (See Farrington, B. B., and Humphreys, assignors.)
- Standard Oil Company of California. (See Gleason, A. W., and Nutt, assignors.)

- Standard Oil Company of California. (See Halloran, R. A., and Strout, assignors.)
- Standard Oil Company of California. (See Hamilton, W. G., Follis, and McCormick, assignors.)
- Standard Oil Company of California. (See Hampton, William H., assignor.)
- Standard Oil Company of California. (See Herrick, Henry N., assignor.)
- Standard Oil Company of California. (See Herrick, H. N., and Miller, assignors.)
- Standard Oil Company of California. (See Hofmeister, Cyril T., assignor.)
- Standard Oil Company of California. (See MacGregor, John R., assignor.)
- Standard Oil Company of California. (See MacGregor, J. R., and Edwards, assignors.)
- Standard Oil Company of California. (See McDonald, C. S., Putnam, and McHale, assignors.)
- Standard Oil Company of California. (See McLaughlin, W. I., Herrick, and Wedemeyer, assignors.)
- Standard Oil Company of California. (See Muth, John E., assignor.)
- Standard Oil Company of California. (See Neely, G. L. and Edwards, assignors.)
- Standard Oil Company of California. (See Parker, Charles K., assignor.)
- Standard Oil Company of California. (See Rowe, E. A., Edwards, and Fossati, assignors.)
- Standard Oil Company of California. (See Rowe, E. A., and Forster, assignors.)
- Standard Oil Company of California. (See Rutherford, John T., assignor.)
- Standard Oil Company of California. (See Shaler, John T., assignor.)
- Standard Oil Company of California. (See Shiffer, W. H., and Mithoff, assignors.)
- Standard Oil Company of California. (See Shiffer, W. H., Holm, and Anderson, assignors.)
- Standard Oil Company, (Ohio) The. (See Burk, R. E. and Hughes, assignors.)
- Standard Oil Development Company. (See Anderson, Richard D., assignor.)
- Standard Oil Development Company. (See Archibald, Francis M., assignor.)
- Standard Oil Development Company. (See Archibald, F. M., and Janssen, assignors.)
- Standard Oil Development Company. (See Baskin, Charles M., assignor.)
- Standard Oil Development Company. (See Berne-Allen, Allan, Jr., assignor.)
- Standard Oil Development Company. (See Bird, John C., assignor.)
- Standard Oil Development Company. (See Blau, Ludwig W., assignor.)
- Standard Oil Development Company. (See Blau, L. W., Bryan, and Mounce, assignors.)
- Standard Oil Development Company. (See Blau, L. W., Slotnick, and Statham, assignors.)
- Standard Oil Development Company, et al. (See Booth, Ralph D., assignor.)
- Standard Oil Development Company. (See Buc, Hyym E., assignor.)
- Standard Oil Development Company. (See Clendenin, Edward H., assignor.)
- Standard Oil Development Company. (See Cowan, Robert, assignor.)
- Standard Oil Development Company. (See Doherty, Wilfred T., assignor.)
- Standard Oil Development Company. (See Edson, Frank H., assignor.)
- Standard Oil Development Company. (See Edwards, D. F., and Starr, assignors.)
- Standard Oil Development Company. (See Ellis, Carleton, assignor.)
- Standard Oil Development Company. (See Fischer, Herbert G. M., assignor.)
- Standard Oil Development Company. (See Fischer, H. G. M., and Gustafson, assignors.)
- Standard Oil Development Company. (See Flatley, Richard E., assignor.)
- Standard Oil Development Company. (See Frolich, Per K., assignor.)
- Standard Oil Development Company. (See Frolich, P. K., and Miller, assignors.)
- Standard Oil Development Company. (See Frolich, P. K., and Pugh, assignors.)
- Standard Oil Development Company. (See Frolich, P. K., and Wiezevich, assignors.)
- Standard Oil Development Company. (See Fulton, Stewart C., assignor.)
- Standard Oil Development Company. (See Fulton, S. C., and Kunc, assignors.)
- Standard Oil Development Company. (See Gomory, William L., assignor.)
- Standard Oil Development Company. (See Goodwin, Ralph T., assignor.)
- Standard Oil Development Company. (See Hand, James W., assignor.)
- Standard Oil Development Company. (See Harpster, Walter C., assignor.)
- Standard Oil Development Company. (See Harris, John McAl., Jr., assignor.)
- Standard Oil Development Company. (See Hillman, Charles A., assignor.)
- Standard Oil Development Company. (See Howard, F. A., Shepard, and Fisher, assignors.)
- Standard Oil Development Company. (See Huffman, J. R., and Whiteley, assignors.)
- Standard Oil Development Company. (See Lewis, W. K., and Mead, assignors.)
- Standard Oil Development Company. (See Loomis, Nathaniel E., assignor.)
- Standard Oil Development Company. (See Mateer, George L., assignor.)
- Standard Oil Development Company. (See Matheson, George L., assignor.)
- Standard Oil Development Company. (See McBurney, Henry G., assignor.)
- Standard Oil Development Company. (See Mead, Brian, assignor.)
- Standard Oil Development Company. (See Packie, John W., assignor.)
- Standard Oil Development Company. (See Potts, George, assignor.)
- Standard Oil Development Company. (See Rosenbrook, Guy L., assignor.)
- Standard Oil Development Company. (See Seaman, William, assignor.)
- Standard Oil Development Company. (See Seaman, W., and Matheson, assignors.)
- Standard Oil Development Company. (See Shafer, S. S., and Fasca, assignors.)
- Standard Oil Development Company. (See Shepard, David A., assignor.)
- Standard Oil Development Company. (See Spencer, A. C., and Luster, assignors.)
- Standard Oil Development Company. (See Starr, John V., assignor.)
- Standard Oil Development Company. (See Stines, Daniel E., assignor.)
- Standard Oil Development Company. (See Stratford, Reginald K., assignor.)
- Standard Oil Development Company. (See Stratford, R. K., and Leaver, assignors.)
- Standard Oil Development Company. (See Sydnor, Harold, assignor.)
- Standard Oil Development Company. (See Truman, Orley H., assignor.)
- Standard Oil Development Company. (See Tryon, Richard W., assignor.)
- Standard Oil Development Company. (See Tryon, R. W., and Booth, assignors.)
- Standard Oil Development Company. (See Vandermeer, Dirk J., assignor.)
- Standard Oil Development Company. (See Wells, Alfred A., assignor.)
- Standard Oil Development Company. (See Whiteley, James M., assignor.)
- Standard Oil Development Company. (See Wiezevich, Peter J., assignor.)
- Standard Oil Development Company. (See Wiezevich, P. J., and Gleason, assignors.)
- Standard Oil Development Company. (See Wilson, Harold A., assignor.)
- Standard Oil Development Company. (See Winning, Carl, assignor.)
- Standard Oil Development Company. (See Wise, C. R., and Edwards, assignors.)
- Standard Oil Development Company. (See Young, Philip L., assignor.)
- Standard Pressed Steel Co. (See Hollowell, Howard T., assignor.)
- Standard Pressed Steel Co. (See Hollowell, Howard T., Jr., assignor.)
- Standard Process Corporation. (See Ballard, Ernest S., assignor.)
- Standard Process Corporation. (See Ericksson, Emil, assignor.)
- Standard Register Company, The. (See Metzner, Albert W., assignor.)
- Standard Register Company, The. (See Sherman, John Q., assignor.)
- Standard Sand and Machine Co., The. (See Simpson, Herbert S., assignor.)
- Standard Sanitary Manufacturing Company. (See Boyd, Robert C., assignor.)
- Standard Sanitary Manufacturing Company. (See Brain, George, assignor.)
- Standard Sanitary Manufacturing Company. (See Schmiedeknecht, V. E., and Boyd, assignors.)
- Standard Sanitary Manufacturing Company. (See Thompson, William O., assignor.)
- Standard Soap Pulverizer, Inc. (See Voorhis, Gordon, assignor.)
- Standard Steel Spring Company. (See Cool, Robert P., assignor.)
- Standard Steel Spring Company. (See McMahon, Harry R., assignor.)
- Standard Steel Works. (See Gredell, Otto N., assignor.)
- Standard Stoker Company, The. (See Bayreuther, Andrew, assignor.)
- Standard Stoker Company, The. (See Hogg, Francis, assignor.)
- Standard Stoker Company, The. (See Hunt, Andrew M., assignor.)
- Standard Stoker Company, The. (See Ichter, John H., assignor.)
- Standard Stoker Company, The. (See Ketchpel, Paul A., assignor.)

- Standard Stoker Company, The. (See Lippert, Henry E., assignor.)
- Standard Stoker Company, The. (See Lower, Nathan M., assignor.)
- Standard Stoker Company, The. (See MacKenzie, Joseph B., assignor.)
- Standard Stoker Company, The. (See Myers, John W., assignor.)
- Standard Stoker Company, The. (See Peyton, William C., assignor.)
- Standard Stoker Company, The. (See Peyton, W. C., and Anderson, assignors.)
- Standard Stoker Company, The. (See Pickard, Frank C., assignor.)
- Standard Stoker Company, The. (See Pool, M. W., and Turner, assignors.)
- Standard Stoker Company, The. (See Reid, Grant, assignor.)
- Standard Stoker Company. (See Roesch, Frank P., assignor.)
- Standard Stoker Company, The. (See Roesch, F. P., and Stewart, assignors.)
- Standard Stoker Company, The. (See Ryan, E., and Funk, assignors.)
- Standard Stoker Company. (See Surdykowski, Charles J., assignor by judicial change of name Charles J. Surdy.)
- Standard Stoker Company. (See Surdykowski, C. J., and Ketchpel, assignors.)
- Standard Stoker Company, The. (See Turner, Edwin A., assignor.)
- Standard Stoker Company, Incorporated, The. (See Fainstock, Adam B., assignor.)
- Standard Stoker Company, Incorporated, The. (See Ketchpel, P. A., and Surdykowski, assignors.)
- Standard Stoker Company, Incorporated, The. (See Myers, Guy M., assignor.)
- Standard Ticket Games Corporation. (See Collison, E. E., and Kirk, assignors.)
- Standard Ticket Games Corporation. (See Kirk, C. R., and Collison, assignors.)
- Standard-Trump Bros. Machine Company. (See Houseman, Harold E., assignor.)
- Standard-Trump Bros. Machine Company. (See Houseman, Wilbur L., assignor.)
- Standard-Trump Bros. Machine Company. (See Shelmire, Stanley R., assignor.)
- Standard Trump Bros. Machine Co. Inc. (See Taggart, William N., assignor.)
- Standard Ultramarine Company, The. (See Dourif, Henry, assignor.)
- Standard Underground Cable Company of Canada Limited. (See Waring, T. D., and Bolingbroke, assignors.)
- Standard Varnish Works. (See Verbyla, Albert E., assignor.)
- Standerwick, Reginald G. (See Warner, D. F. and Standerwick.)
- Standerwick, Reginald G., Marblehead, Mass., assignor to General Electric Company. Centrifugal compressor 2,000,721; May 7.
- Standerwick, Reginald G., Marblehead, Mass., assignor to General Electric Company. Control mechanism for furnace blowers. 2,007,777; July 9.
- Standidge, Harry W., Chicago, Ill. Game apparatus. 2,001,829; May 21.
- Standlee, Harvey R. (See Crickmer, C. S., and Standlee.)
- Standlee, Harvey R., Tulsa, Okla., assignor to The Guiberson Corporation, Dallas, Tex. Well spider. 1,999,519; Apr. 30.
- Standley, Albert H., assignor to Downington Manufacturing Company, Downington, Pa. Suction roll and drilling same. 2,006,519; July 2.
- Stanek, Edward J., and E. Malo, assignors to Stanek Tool & Mfg. Co., Milwaukee, Wis. Apparatus for closing containers. 2,008,802; July 23.
- Stanek Tool & Mfg. Co. (See Stanek, E. J., and Malo, assignors.)
- Stanford, Leland H., United States Army, Fort Shafter, Hawaii. Driving mechanism for motion picture cameras. 2,023,493; Dec. 10.
- Stangl, Johann M., assignor to Fulper Pottery Company, Flemington, N. J. Finial construction. 2,008,047; July 16.
- Stangl, Joseph T., Dedham, Iowa. Heating system. 1,997,186; Apr. 9.
- Stanford, Robert H., and C. W. Roll, assignors to Madabar, Inc., Brooklyn, N. Y. Oven. 2,007,619; July 9.
- Stanford, Robert H., and C. W. Roll, assignors to Madabar, Inc., Brooklyn, N. Y. Oven. 2,007,620; July 9.
- Stanitz, Jacques, and G. D. Boyer, assignors to The Youngstown Pressed Steel Company, Warren, Ohio. Corrugating sheet metal receptacles. 2,003,981; June 4.
- Stanitz, Jacques, and G. D. Boyer, assignors to The Youngstown Pressed Steel Company, Warren, Ohio. Sheet metal receptacle. 2,005,641; June 18.
- Stanitz, Jacques, Warren, and G. D. Boyer, deceased, late of Warren, Ohio, by C. M. Boyer, and the McDowell National Bank, Sharon, Pa., executors, assignors to The Youngstown Pressed Steel Company, Warren, Ohio. Apparatus for corrugating sheet metal receptacles. 2,017,574; Oct. 15.
- Stanley, Arthur E., Detroit, Mich. Abrading or rubbing article. 2,010,330; Aug. 6.
- Stanley, Edmund. (See Ockman, T., Reeves, Stanley, Olpin, and Ellis.)
- Stanley, Edmund, H. C. Olpin, and G. H. Ellis, Spondon near Derby, England, assignors to Celanese Corporation of America. Production of dispersions. 2,007,386; July 9.
- Stanley, Edmund, H. C. Olpin, and G. H. Ellis, Spondon, near Derby, England, assignors to Celanese Corporation of America. Use of sulphonated organic compounds. 2,017,995; Oct. 22.
- Stanley, George J., assignor to Aluminum Company of America, Pittsburgh, Pa. Cable. 2,001,319; May 14.
- Stanley, George S., Winnipeg, Manitoba, Canada. Dish. 2,004,449; June 11.
- Stanley, Harold D., Bloomfield, assignor, by mesne assignments, to Thomas A. Edison, Incorporated, West Orange, N. J. Sealing battery posts. 2,000,199; May 7.
- Stanley, Harold H. V., assignor to The Gramophone Company Limited, Hayes, England. Optical projection cabinet. 1,988,522; Jan. 22.
- Stanley, Harold H. V., Hayes, England, assignor to Electric & Musical Industries, Ltd. Cinematograph apparatus. 2,012,145; Aug. 20.
- Stanley, Harvey H., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone mouthpiece. 1,991,002; Feb. 12.
- Stanley, Herbert M. (See Johua, W. P., and Dymock.)
- Stanley, Herbert M. (See Joshua W. P., and Stanley.)
- Stanley, Nathan M., assignor to The Univis Corporation, Dayton, Ohio. Making multifocal lens segments. 1,996,442; Apr. 2.
- Stanley, Richard W., Lockport, N. Y. Variable speed transmission system. 2,008,048; July 16.
- Stanley, Richard W., Lockport, N. Y. Variable speed device. 2,020,480; Nov. 12.
- Stanley, Robert M., Los Angeles, Calif. Controllable pitch propeller. 1,986,229; Jan. 1.
- Stanley Works, The. (See Higbee, Earl V., assignor.)
- Stanley Works, The. (See Kadu, John A., assignor.)
- Stanley Works, The. (See Raymond, Horace H., assignor.)
- Stanley Works, The, et al. (See Raymond, H. H., and Vance.)
- Stanley Works, The. (See Schuster, George F., assignor.)
- Stanley Works, The. (See Stowell, Austin L., assignor.)
- Stanley Works, The. (See Volz, Frederick A., assignor.)
- Stanley Works, The. (See Webster, John H., assignor.)
- Stannard, Benjamin F., Los Angeles, Calif., assignor of one-half to W. L. Cochran, Seattle, and one-half to R. E. Alexander, Mount Vernon, Wash. Toy vehicle. 2,015,974; Oct. 1.
- Stansberry, Warren H., assignor to Peerless Novelty Company, Grand Haven, Mich. Visor construction. 2,020,585; Nov. 12.
- Stansbury, Carroll Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electronic current regulator. 2,002,281; May 21.
- Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Motor controller. 2,013,221; Sept. 3.
- Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electron tube. 2,014,539; Sept. 17.
- Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Welder control. 2,019,027; Oct. 29.
- Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electrical control system. 2,024,838; Dec. 17.
- Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Motor controller. 2,025,315; Dec. 24.
- Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Inverter. 2,025,911; Dec. 31.
- Stansbury, John H., assignor of one-half to R. O. Dulaney, Fruitland, Md. Canning sweet potatoes. 1,986,543; Jan. 1.
- Stansbury, Miller, Washington, D. C. Cigarette lighter. 1,998,539; Apr. 16.
- Stansel, Numan R., Schenectady, N. Y., assignor to General Electric Company. Electric furnace system. 1,992,784; Feb. 26.
- Stansel, Numan R., Schenectady, N. Y., assignor to General Electric Company. Electric heating resistor and mounting therefor. 2,020,127; Nov. 5.
- Stant, Edgar R., Baltimore, Md. Smoking pipe. 2,014,511; Sept. 17.
- Stant, Ivan H., et al. (See Johnson, Glen A., assignor.)
- Stant, Ivan H. (See Webb, John G., assignor.)
- Stant, Kyle E., et al. (See Johnson, Glen A., assignor.)
- Stant, Kyle E., Connorsville, Ind. Closure cap lock. 1,989,297; Jan. 29.
- Stant, Kyle E., Connorsville, Ind. Closure cap. 1,990,621; Feb. 12.
- Stant Manufacturing Company. (See Johnson, Glen A., assignor.)
- Stanton, Bailey S. (See Samelow, Samuel J., assignor.)
- Stanton, Charles H., assignor of one-half to V. Wilson, Jr., Bessemer, Ala. Railroad washout safety signal. 2,024,784; Dec. 17.
- Stanton, George B., Brooklyn, N. Y. Electrical measuring instrument. 2,023,860; Dec. 10.
- Stanton, Robert H., Pasadena, Calif. Signal and display device. 1,998,691; Apr. 23.
- Stanton, Wolcott P. (See Pike, R. D., and Stanton.)
- Stanthworth, James. (See Stanworth, S., Clegg, and Stanworth.)

- Stanworth, Stephen, Burnley, J. H. Clegg, Southport, and J. Stanworth, Burnley, England. Gas fired furnace. 1,996,660; Apr. 2.
- Stapleford, Frank E., Elkhart, Ind. Carton. 2,020,663; Nov. 12.
- Staples, Elliot M., Hohokus, N. J., assignor to American Telephone and Telegraph Company. Telephone signaling system. 2,001,039; May 14.
- Staples, Evans M., assignor to Aluminum Industries, Inc., Cincinnati, Ohio. Casting bars. 2,019,937; Nov. 5.
- Staples, George B., assignor to Crew Levick Company, Philadelphia, Pa. High pressure greasing apparatus. 2,007,113; July 2.
- Staples, Harry R. (See Lynchk, T. L., Rilling, and Redfield, assignors.)
- Staples, Horace A., Plainfield, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Making electrical conductors. 1,992,639; Feb. 26.
- Staples, Horace A., Plainfield, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Copper zinc alloy containing silicon and iron. 2,007,008; July 2.
- Staples, Horace A., Plainfield, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Annealing furnace. 2,007,009; July 2.
- Staples, Horace A., Plainfield, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Annealing furnace. 2,014,598; Sept. 17.
- Staples, William H., Cleveland, Ohio. Clutch mechanism. 2,009,031; July 23.
- Stapleton, Donald R., and W. D. Pilcher, Loda, Ill. Electrical apparatus. 1,992,103; Feb. 19.
- Stapleton, Victor. (See Watson, C. W., and Stapleton.)
- Stapling Machines Co. (See Iglehart, George P., assignor.)
- Stapling Machines Co. (See Kruff, Joseph, assignor.)
- Stapling Machines Co. (See Rosenmund, Alfred L., assignor.)
- Stapling Machines Co. (See Rosenmund, A. L., and Iglehart, assignors.)
- Star Box & Printing Co. (See DeLuce, Robert E., assignor.)
- Star Brush Manufacturing Co. Inc. (See Schumann, Lawrence R., assignor.)
- Star Oil Refining Corporation. (See Duffy, George R., assignor.)
- Star Porcelain Company, The, et al. (See Ferguson, R. W., and Sparkes, assignors.)
- Stark, Howard C. (See André, F. J., and Stark.)
- Stark, Irving E. (See Goldsmith, B. J., and Stark.)
- Stark, Jacob J., Brooklyn, N. Y. Attachment for smokers' pipes. 2,010,164; Aug. 6.
- Stark, John F., Rushville, Ind., assignor of one-fourth to D. G. Van Osdel, one-fourth to G. J. Griesser, and one-fourth to M. Katsaros. Electrical outlet receptacle. 2,003,909; June 4.
- Stark, Julian H., Fort Wayne, Ind., assignor to General Electric Company. Demand meter. 2,010,705; Aug. 6.
- Stark, Julian H., and H. M. Witherow, Fort Wayne, Ind., assignors to General Electric Company. Demand meter. 2,006,321; June 25.
- Stark, Julian H., Fort Wayne, Ind., assignor to General Electric Company. Alternating current motor. 2,019,323; Oct. 29.
- Stark, Louis, Brooklyn, assignor to Kastar Specialty Mfg. Co., Inc., New York, N. Y. Heel rest. 1,987,806; Jan. 15.
- Stark, Louis, Brooklyn, assignor to Kastar Specialty Mfg. Co., Inc., New York, N. Y. Steering stabilizer. 1,993,572; Mar. 5.
- Stark, Ludwig, assignor to Patent Clasp Corporation, New York, N. Y. Adjustable slide. 2,012,835; Aug. 27.
- Stark, Truman E., assignor to The Cyclone Seeder Company, Urbana, Ind. Tool for preparing meat. 1,993,689; Mar. 5.
- Stark, Willet E., East Cleveland, assignor, by mesne assignments, to The Bryant Heater Company, Cleveland, Ohio. Control for heating systems. 2,013,450; Sept. 3.
- Starke, Howard R., Riverside, assignor to Riverside Cement Company, Los Angeles, Calif. Cement product and making the same. 2,003,656; June 4.
- Starke, Richard W., Atlanta, and R. Sims, Washington, Ga., and J. C. Quinn, Arlington, Tex., assignors to Butters Manufacturing Company, Atlanta, Ga. Gin or similar machine. 1,986,901; Jan. 8.
- Starkey, Shirley L., Parkersburg, W. Va. Necktie construction. 2,016,126; Oct. 1.
- Starkey, Shirley L., Parkersburg, W. Va. Container. 2,019,740; Nov. 5.
- Starkey, Shirley L., Milford, Conn. Plant support. 2,024,546; Dec. 17.
- Starkey, William C., et al. (See Barton, Clarence H., assignor.)
- Starkey, William C., et al., trustees. (See Barton, Clarence H., assignor.)
- Starkey, William C., et al., trustees. (See Brownless, Dalmar T., assignor.)
- Starkey, William C., Indianapolis, Ind., assignor, by mesne assignments, to W. C. Starkey, R. S. Pruitt, and W. H. Real, trustees. Free wheeling unit for change speed transmissions. 2,024,709; Dec. 17.
- Starks, Leonard F., and E. F. Flanders, Sacramento, Calif. Brick building construction. 1,990,008; Feb. 5.
- Starkweather, George E., Los Angeles, Calif. Automatic storage water heater. 2,011,506; Aug. 13.
- Starline Inc. (See Ferris, H. L., assignor.)
- Starline, Inc. (See Ferris, Robert G., assignor.)
- Starmann, George H., assignor to Apex Smelting Co., Chicago, Ill. Die casting metal alloys. 2,013,870; Sept. 10.
- Starr, Allan M., Piedmont, assignor to Starr Sweetland Corporation, Piedmont, Calif. Internal combustion engine. 2,025,362; Dec. 24.
- Starr, Frank M., Schenectady, N. Y., assignor to General Electric Company. Protective arrangement for electric systems. 2,020,972; Nov. 12.
- Starr, Grove, Pennhurst, Pa. Steam heating system. 1,992,846; Feb. 26.
- Starr, James H., Oak Park, Ill., assignor to Electrical Engineers Equipment Company. Cable supporting clamp. 1,986,861; Jan. 8.
- Starr, James H., Oak Park, assignor to Electrical Engineers Equipment Co., Melrose Park, Ill. Switch. 2,012,409; Aug. 27.
- Starr, James H., Oak Park, Ill., assignor to Electrical Engineers Equipment Company. Alternating current circuit interrupter. 2,013,427; Sept. 3.
- Starr, John V. (See Edwards, D. F., and Starr.)
- Starr, John V., Elizabeth, N. J., assignor to Standard Oil Development Company. Solvent extraction of petroleum distillates. 2,022,259; Nov. 26.
- Starr, John W., and C. B. Elliott, assignors to The Cigavend Corporation, Kansas City, Mo. Vending machine. 1,987,949; Jan. 15.
- Starr, Oscar L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Tractor. 1,994,836; Mar. 19.
- Starr Sweetland Corporation. (See Starr, Allan M., assignor.)
- Starrett, John S., Livingston, N. J., assignor to Radio Corporation of America. Muted automatic volume control circuit. 2,023,448; Dec. 10.
- Starrett, John S., Wilmette, Ill., assignor to Radio Corporation of America. Muted automatic volume control circuits. 2,023,449; Dec. 10.
- Starrett, L. S., Company, The. (See Sasek, John R., assignor.)
- Starrett, L. S., Company, The. (See Sisson, James G., assignor.)
- Starrett, Wendelin D., Alameda, Calif., assignor to Charles S. Evans, San Francisco, Calif. Cigarette making apparatus. 2,000,423; May 7.
- Starrick, Claud S., Waterville, Ohio. Locking structure. 1,988,974; Jan. 22.
- Starrick, William H., Springfield, Ohio. Portable steam generator. 2,010,331; Aug. 6.
- Startomatic Corporation, The. (See Loehr, L. K., and Burdick, assignors.)
- State, Will C., Fairlawn, assignor, by mesne assignments, to Wingfoot Corporation, Akron, Ohio. Constructing pneumatic tires. 2,007,909; July 9.
- States Company, The. (See Blakeslee, Henry J., assignor.)
- States, Marshall N., Evanston, Ill., assignor to Central Scientific Company. Thermometer. 2,012,112; Aug. 20.
- Statham, Louis. (See Blau, L. W., Slotnick, and Statham.)
- Statham, Noel, Irvington-on-the-Hudson, N. Y. Self-sealing valve. 1,989,714; Feb. 5.
- Statham, Noel, Irvington-on-the-Hudson, N. Y. Self-sealing valve. 1,989,715; Feb. 5.
- Stationers Loose Leaf Company. (See Lotter, Adolph G., assignor.)
- Stator Refrigeration, Inc. (See Comstock, Daniel F., assignor.)
- Stats, Samuel J., St. Paul, Minn. Display fixture. 2,021,207; Nov. 19.
- Statt, Frederick. (See Arnold, S., and Statt.)
- Statter, Estella E., Sioux City, Iowa. Sanitary napkin belt clasp. 2,017,551; Oct. 15.
- Statz, Frank A., Fort Wayne, Ind., assignor to International Harvester Company. Machine tool. 2,025,536; Dec. 24.
- Statz, John, Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Guide. 2,017,378; Oct. 15.
- Staub, Herman. (See Krisslep, M., and Staub.)
- Staub, Herman, assignor to Textile Machine Works, Wyomissing, Pa. Strand feeding mechanism. 1,989,656; Jan. 29.
- Staub, Herman, assignor to Textile Machine Works, Wyomissing, Pa. Strand feeding mechanism. 1,997,473; Apr. 9.
- Staub, Max. (See Brühl, P., and Neugart, assignors.)
- Stauber, Georg, Berlin, Germany. Rotary machine or power engine. 1,989,564; Jan. 29.
- Staud, Cyril J. (See Murray, T. F., Jr., and Staud.)
- Staud, Cyril J. (See Richardson, E. E., and Staud.)
- Staud, Cyril J. (See Van Dyke, R. H., Webber, and Staud.)
- Staud, Cyril J. (See Webber, C. S., and Staud.)
- Staud, Cyril J., and J. T. Fuess, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose nitrate multiacylate compounds and making the same. 1,991,125; Feb. 12.
- Staud, Cyril J., and T. F. Murray, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Light filtering overcoating. 1,994,596; Mar. 19.

- Staud, Cyril J., and L. M. Minsk, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose acetate composition containing ethylene chloride and a hydroxyl plasticizer. 1,994,597; Mar. 19.
- Staud, Cyril J., and L. M. Minsk, assignors to Eastman Kodak Company, Rochester, N. Y. Hydrolysis of cellulose esters. 2,000,620; May 7.
- Staud, Cyril J., and R. H. Van Dyke, assignors to Eastman Kodak Company, Rochester, N. Y. Propionation of cellulosic material. 2,000,621; May 7.
- Staud, Cyril J., Rochester, N. Y., and J. D. Coleman, Columbus, Ohio, assignors to Eastman Kodak Company, Rochester, N. Y. Esterification of cellulose with a modified perchloric acid catalyst. 2,005,398; June 18.
- Staud, Cyril J., and L. M. Minsk, assignors to Eastman Kodak Company, Rochester, N. Y. Colloidizing cellulose acetate with ethylene chloride. 2,008,995; July 23.
- Staud, Cyril J., and C. L. Fletcher, assignors to Eastman Kodak Company, Rochester, N. Y. Production of mixed organic esters of cellulose. 2,010,829; Aug. 13.
- Staud, Cyril J., and R. H. Van Dyke, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of moisture resistant thread. 2,017,171; Oct. 15.
- Staud, Cyril J., and E. C. Yackel, assignors to Eastman Kodak Company, Rochester, N. Y. Extraction of cellulose esters. 2,024,666; Dec. 17.
- Staud, Edwin G., Minneapolis, Minn. Delivery mechanism for paper box machines. 1,986,023; Jan. 1.
- Staud, Edwin G., Minneapolis, Minn. Sheet feeding, folding, and gluing mechanism. 2,008,049; July 26.
- Staudermann, Wilhelm. (See Steindorff, A., Krämer, Staudermann and Erlenbach.)
- Staudte, Albert, Philadelphia, Pa. Puzzle for various greeting cards and the like. 2,010,830; Aug. 13.
- Staynew-Filter Corporation. (See Dollinger, Lewis L., assignor.)
- Staynew Filter Corporation. (See Dollinger, Lewis L., assignor.)
- Stayton, William H., Washington, D. C. Golf game. 2,014,992; Sept. 17.
- Stayton, William H., Washington, D. C. Golf game. 2,014,993; Sept. 17.
- Stayton, William H., Washington, D. C., and Louis Livingston, Wabash, Ind. Portable putting green. 2,025,183; Dec. 24.
- Ste dite: Satujo, Ste Anne de Construction de Tuyaux sans Joints, Systeme Cravetto Breveté, S. G. D. G. (See Mourraile, Jean P. L., assignor.)
- Stead Rail Anchor Company, The. (See Cooper, Francis W., assignor.)
- Stearns, Albert A. (See Coulton, William C., assignor.)
- Stearns, Frank B., Shaker Heights, Ohio. Internal combustion engine. 2,013,366; Sept. 3.
- Stearns, Harry A. (See Orcutt, J. W., and Stearns and Wall.)
- Stearns, Horace A. (See Britton, E. C., and Stearns.)
- Stearns, Jason C., Worcester, Mass. Guard for fuel bottles. 2,008,316; July 16.
- Stearns, Marcus C., Chicago, Ill. Storage apparatus. 1,987,376; Jan. 8.
- Stearns, William G., San Francisco, Calif. Implement operating means. 2,021,158; Nov. 19.
- Stebbins, Alden H. (See Rosin, E. A., and Stebbins.)
- Stebler, Fred, Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Drying apparatus. 1,991,710; Feb. 19.
- Stecher, Henry D., Lakewood, assignor to The Weatherhead Company, Cleveland, Ohio. Tube flaring tool. 1,986,025; Jan. 1.
- Stecher, Henry D., Lakewood, assignor to The Weatherhead Company, Cleveland, Ohio. Hose coupling. 2,002,839; May 28.
- Stecher, Joseph L. (See Downing, F. B., Parmelee, Pedersen, and Stecher.)
- Stechert, Hermann, Grafenheinichen, Germany. Driving device for making cast concrete pile planks in subsoil. 2,010,778; Aug. 6.
- Steck, Leo V. (See Millar, R. W., and Steck.)
- Stecker, Alfred J., Detroit, Mich. Polishing device. 2,014,119; Sept. 10.
- Steckle, Abram P., and H. S. Lamb, Youngstown, assignors to The Cold Metal Process Company, Youngstown, Ohio. Gauging apparatus. 2,019,741; Nov. 5.
- Stedefeld, Curt, and W. Black, Hannover, Germany, said Black assignor to said Stedefeld. Bogie truck. 2,011,918; Aug. 20.
- Stedman, W. C., Memphis, Tenn. Cashier machine. 2,014,599; Sept. 17.
- Stee, William F., Chicago, and R. L. Orwig, Evanston, assignors to Charmette, Inc., Chicago, Ill. Hair remover. 2,010,332; Aug. 6.
- Steek, Samuel. (See Bleuel, W. H., and Steek.)
- Steel Band Closure Co. (See Kay, Murray, assignor.)
- Steel-Bound Container Corporation. (See Brooks, James D., assignor.)
- Steel Brothers & Company Limited. (See Gibbon, Sam H., assignor.)
- Steel Builder Company. (See Bierbach, Carl, assignor.)
- Steeldraulic Brake Corporation, trustee. (See Sneed, John, assignor.)
- Steele, Carl J., and R. C. Troeger, Los Angeles, Calif. Bathrub. 1,993,420; Mar. 5.
- Steele, Clarence W., and D. I. Levine, Gardner, assignors to Heywood-Wakefield Company, Boston, Mass. Infant's toilet seat. 1,998,854; Apr. 23.
- Steele, James W., Kansas City, Mo. Band and fastening means therefor. 1,986,649; Jan. 1.
- Steele, James W., Kansas City, Mo. Button attachment and holding means. 1,989,534; Jan. 29.
- Steele, James W., Kansas City, Mo. Garment finishing apparatus. 2,005,960; June 25.
- Steele, James W., Dallas, Tex. Shirt folding board. 2,010,333; Aug. 6.
- Steele, John C. (See Owens, William B., assignor.)
- Steele Supply Company. (See Loring, John G., assignor.)
- Steele, Walter R., Lemon Grove, Calif. Harmonica. 2,005,443; June 18.
- Steele, William C., and G. W. Empson, Seattle, assignors of one-half to Floyd Shemwell, Walla Walla, Wash. Air feeding device for stoves. 2,014,868; Sept. 17.
- Steel Heddle Manufacturing Company. (See Kaufmann, John J., assignor.)
- Steel Heddle Manufacturing Company. (See Ragan, Ralph, assignor.)
- Steel Materials Company. (See Serenberg, R. A., and C. and P. Marienthal, assignors.)
- Steel Sanitary Company, The. (See Clark, Harold W., assignor.)
- Steelweld Machinery Co., The. (See Bath, Cyril J., assignor.)
- Steel Wheel Corporation, The. (See Kliesrath, Victor W., assignor.)
- Steel Wheel Corporation, The. (See Kliesrath, V. W., and Breese, assignors.)
- Steel Wheel Corporation. (See Ney, Alfred M., assignor.)
- Steen, Frederick H., Brooklyn, N. Y. Collapsible holder for books and other articles. 2,012,551; Aug. 27.
- Steen, Henry, Vashon, Wash. Extensible mail box. 1,992,640; Feb. 26.
- Steenbeck, Max. (See Berthold, R. G., Steenbeck, and Von Engel.)
- Steenbeck, Max. (See Rüdenberg, R., and Steenbeck.)
- Steenbeck, Max, Berlin-Westend, Germany, assignors to Westinghouse Electric & Manufacturing Company. Control of electric circuit by means of electron tubes. 1,987,645; Jan. 15.
- Steenek, Robert, assignor to The Western Union Telegraph Company, New York, N. Y. Display device. 1,992,401; Feb. 26.
- Steenen, Sverre J., Oslo, Norway. Dishwashing machine. 2,023,709; Dec. 10.
- Steenon, James H., Plainfield, assignor to Breeze Corporations, Inc., Newark, N. J. Tie rod construction. 2,004,398; June 11.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Making heat exchange apparatus. 1,987,422; Jan. 8.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Refrigerator evaporator. 1,992,018; Feb. 19.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Refrigerator condenser. 2,019,324; Oct. 29.
- Steeple, Reginald C., San Mateo, Calif. Glass holding construction. 2,001,943; May 21.
- Steerup, Godfrey, Maywood, Ill., assignor to American Can Company, New York, N. Y. Container. 2,013,675; Sept. 10.
- Steerup, Godfrey, Maywood, assignor to American Can Company, New York, N. Y. Apparatus for sterilizing container parts. 2,017,079; Oct. 15.
- Stees, Isaac, Harrisburg, Pa. Apparatus for molding cementitious blocks. 1,987,874; Jan. 15.
- Stefancin, Joseph J., Kingston, Pa. Float valve. 2,016,183; Oct. 1.
- Stefancsik, Anton. (See Olaszky, Joseph, assignor.)
- Steffen, Elmer G., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Ignition device. 2,011,090; Aug. 13.
- Steffen, Elmer G., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Beer tap. 2,017,187; Oct. 15.
- Steffen, Otto, Berlin, Germany. Slicing device. 1,990,715; Feb. 12.
- Stegeman, Henry J., Fairfield, assignor to The Locke Steel Chain Company, Bridgeport, Conn. Lawn mower. 1,994,929; Mar. 19.
- Stegemann, Friedrich, Bad Kreuznach, assignor to Seitz-Werke G. m. b. H., Kreuznach, Germany. Apparatus for the sterilization and sterile filling of vessels and the like in one continuous working process. 2,003,869; June 4.
- Stegemann, Friedrich, assignor to Corporation of Seitz-Werke G. m. b. H., Bad Kreuznach, Germany. Apparatus for sterilizing containers. 2,014,750; Sept. 17.
- Stegmaier, Wilhelm. (See Durr, L., and Stegmaier.)
- Stegman, Frank C., Mishawaka, Ind. Bottle carton. 1,998,147; Apr. 16.
- Stehl, Conrad, Oakland, Calif. Refillable pencil. 1,995,757; Mar. 26.
- Stehli, Henry J., Cedar Grove, N. J. Treating wet sewage sludge. 2,026,366; Dec. 31.
- Stehr, Charles N., Alhambra, Calif., assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,023,979; Dec. 10.
- Stehr, Charles N., Alhambra, Calif., assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,023,980; Dec. 10.

- Stehr, Charles N., Alhambra, Calif., assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,023,981; Dec. 10.
- Stehr, Charles N., Alhambra, Calif., assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,023,982; Dec. 10.
- Stehr, Charles N., Alhambra, Calif., assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,026,195; Dec. 31.
- Steidle, Anton, Arlington, Mass. Machine for inserting bristles in ferrules. 2,015,326; Sept. 24.
- Stein, Peder, Lancaster, Minn. Shingle gauge. 2,004,839; June 11.
- Steiger, George W., Jackson Heights, N. Y., assignor to H. W. Butterworth & Sons Company, Philadelphia, Pa. Dyeing apparatus. 1,988,364; Jan. 15.
- Steiger, Norbert, Frankfurt-on-the-Main, and F. Schulte, Frankfurt-on-the-Main, Fechenheim, Germany. Aryliso-thiazolones and making same. 2,020,622; Nov. 12.
- Steiger, Norbert, Frankfurt-on-the-Main, and E. Albrecht, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Indigoid vat dyestuffs. 2,021,267; Nov. 19.
- Steimel, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Elec-tron discharge tube circuit. 2,018,329; Oct. 22.
- Steimel, Karl, and E. Klotz, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplifying device. 2,006,969; July 2.
- Steimke, Walter H. (See Jett, George C., assignor.)
- Stelmig, Franz, Hermsdorf, near Kynast, Germany. Preparing and maturing alkali cellulose. 2,005,811; June 25.
- Stein, A., & Company. (See Frank, Haskel S., assignor.)
- Stein, Aleck H., assignor to Sterling Shoe Corporation, Haverhill, Mass. Insole. 2,016,522; Oct. 8.
- Stein, Berthold. (See Nawlasky, P., and Stein.)
- Stein, Berthold, Mannheim, and F. Baumann, Leverkusen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of 1,4-diamino-2-aryloxyanthra-quinone-3-sulphonic acid. 2,001,221; May 14.
- Stein, Edgar R., Martins Ferry, Ohio. Lid for beer crates. 2,015,294; Sept. 24.
- Stein, Emerson W., Sea Breeze, assignor of one-half to E. E. Sharp, Fishers, N. Y. Merchandising display fixture for suckers and other merchandise. 2,000,359; May 7.
- Stein, Hall & Company. (See Baker, Webster E. B., as-signor.)
- Stein, Hall & Company. (See Bosland, H. S., and La Piana, assignors.)
- Stein, Harold G., Milwaukee, Wis. Power transmission. 1,998,945; Apr. 23.
- Stein, Henry E., Mankato, Minn. Control mechanism for motor vehicles. 2,020,440; Nov. 12.
- Stein, Hermann, South Ozone Park, C. G. Gross, Mount Vernon, N. Y., and W. S. Luc, Linden, N. J., assignors, by mesne assignments, to American Machine and Metals, Inc., New York, N. Y. Hair waving. 2,002,840; May 28.
- Stein, Jacob, Brooklyn, N. Y. Coupler for jointed dolls. 2,001,334; May 14.
- Stein, Jacob, Brooklyn, N. Y. Rubber material. 2,023,251; Dec. 3.
- Stein, Jacob, Brooklyn, N. Y., and H. H. Mosher, Grant-wood, N. J. Rubber and rubberized sanitary garment. 2,023,253; Dec. 3.
- Stein, Jacob, Brooklyn, and H. H. Mosher, New York, N. Y.; said Mosher assignor to said Stein. Rubber and rubberized sanitary garment. 2,023,252; Dec. 3.
- Stein, Joseph S., assignor to Lucien Lelong, Inc., Chicago, Ill. Perfume bottle. 2,018,878; Oct. 29.
- Stein, Leo, Chicago, Ill. Multipocket brief-case and port-folio. 2,011,879; Aug. 20.
- Stein, Leo, Chicago, Ill. Disappearing handle. 2,011,880; Aug. 20.
- Stein, Louis, Brooklyn, assignor of one-half to C. M. Hilton, New York, N. Y. Lock. 2,010,570; Aug. 6.
- Stein, Louis H., assignor to Aetna Ball Bearing Manu-facturing Company, Chicago, Ill. Fluid seal for ro-tary shafts. 2,009,281; July 23.
- Stein, Marcel, Budapest, and A. Foder, Ujpest near Buda-pest, Hungary, assignors to Universal Winding Com-pany, Boston, Mass. Warp frame having a device for recharging during operation. 2,013,770; Sept. 10.
- Stein, Otto. (See Bruson, H. A., and Stein.)
- Stein, Samuel F., Williamsport, Pa. Garment. 1,990,572; Feb. 12.
- Stein, Siegfried, Brunn, Czecho-Slovakia. Roller skate. 1,988,055; Jan. 15.
- Stein, Wilhelm, Düsseldorf, Germany. Testing flaws and the like in working materials. 1,992,100; Feb. 19.
- Steinbach, A. D., & Sons, Inc. (See Steinbach, Bernard A., assignor.)
- Steinbach, Bernard A., Hamden, assignor to A. D. Stein-bach & Sons, Inc., New Haven, Conn. Display card. 1,996,983; Apr. 9.
- Steinbach, Paul R., Lakewood, assignor to The Realistic Permanent Wave Machine Company, Cincinnati, Ohio. Hair waving method. 2,002,989; May 28.
- Steinbacher, Karl, Portsmouth, Ohio. Method and appa-ratus for cleaning. 2,013,511; Sept. 3.
- Steinbauer, Raymond A., Santa Monica, Calif. Appa-ratus for grinding long cylinders. 2,011,091; Aug. 13.
- Steinberg, Irving C., Maplewood, N. J. Flashing. 2,026,144; Dec. 31.
- Steinberg, John C., Sparta, N. J., assignor to Bell Tele-phone Laboratories, Incorporated, New York, N. Y. Method and system of speech transmission. 1,998,824; Apr. 23.
- Steinberg, Morris, Detroit, Mich. Selecting device. 2,018,038; Oct. 22.
- Steinberg, Seymour, Philadelphia, Pa. Expandible link or adjustment member for bracelets, wristbands, wrist watches, and the like. 1,997,836; Apr. 16.
- Steinbreder, William J., Pine Lawn, Mo. Receptacle. 1,991,965; Feb. 19.
- Steinbreuck, Adolf, assignor to Merz & Co., Frankfurt-on-the-Main, Germany. Stable solution of morphine. 2,005,667; June 18.
- Steinbronn, Herman A., Palmyra, Nebr. Rural mail box. 2,025,251; Dec. 24.
- Steindler, Leslie L. (See Waters, Charles B., assignor.)
- Steindler, Leslie L., Mamaroneck, N. Y., assignor of one-fourth to C. B. Waters, Montclair, N. J., and one-fourth to Strauch & Hoffman, Washington, D. C. Automobile heater and register control. 1,987,950; Jan. 15.
- Steindorf, Adolf H., Rössner, and K. Pfaff, Frank-fort-on-the-Main, Germany, assignors to Winthrop Chem-ical Company, Inc., New York, N. Y. Dry dressing sub-stance. 1,988,757; Jan. 22.
- Steindorf, Adolf, R. Krämer, W. Staudermann, and M. Erlenbach, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Agent for destroying rust on cultivated plants and pre-paring this agent. 1,997,918; Apr. 16.
- Steindorf, Adolf, Frankfurt-on-the-Main-Hochst, and M. Piquin, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Conden-sation products of the cyanuric series and preparing it. 2,016,521; Oct. 8.
- Steiner, Amos P., assignor to Landis Tool Company, Waynesboro, Pa. Sizing device. 2,007,507; July 9.
- Steiner, Amos P., assignor to Landis Tool Company, Waynesboro, Pa. Arc wheel machine. 2,015,415; Sept. 24.
- Steiner, Amos P., assignor to Landis Tool Company, Waynesboro, Pa. Wheel dressing device. 2,019,029; Oct. 29.
- Steiner, Amos P., and H. E. Balsiger, assignors to Landis Tool Company, Waynesboro, Pa. Roll grinding ma-chine. 2,007,351; July 9.
- Steiner, Amos P., and H. E. Balsiger, assignors to Landis Tool Company, Waynesboro, Pa. Hydraulic indexing mechanism. 2,015,414; Sept. 24.
- Steiner, Amos P., E. P. Wine, C. L. Ott and H. E. Bal-siger, Waynesboro, assignors to Landis Tool Company, Waynesboro, Pa. Cam grinding machine. 2,017,927; Oct. 22.
- Steiner, Anna, New York, N. Y. Artificial eyebrow. 2,001,589; May 14.
- Steiner, Felix F., Santa Cruz, Calif. Marking and punc-turing tool. 1,986,079; Jan. 1.
- Steiner, Felix F., Santa Cruz, Calif. Measuring and punc-turing tool. 1,996,217; Apr. 2.
- Steiner, Felix F., Santa Cruz, Calif. Cutting tool. 2,009,032; July 23.
- Steiner, Gottlieb. (See Bohli, J., and Steiner.)
- Steiner, Gottlieb, Soleure, Switzerland. Cooling of ma-chines having rotary parts. 1,999,308; Apr. 30.
- Steiner, Gottlieb, assignor to Scintilla Aktiengesellschaft, Solothurn, Switzerland. Switching apparatus. 2,015,163; Sept. 24.
- Steiner, Hans, assignor to the firm Sulzer Frères Société Anonyme, Winterthur, Switzerland. Piston rod for liquid-cooled pistons. 2,008,844; July 23.
- Steiner, Hans, assignor to The Firm Sulzer Freres Soclete Anonyme, Winterthur, Switzerland. Fuel injection pump for internal combustion engines. 2,011,165; Aug. 13.
- Steiner, Hans, Winterthur, assignor to the firm of Sulzer Freres Societe Anonyme, Winterthur, Switzerland. Fuel injection pump for internal combustion engines. 2,011,166; Aug. 13.
- Steiner, Harry C. (See Murphy, G. F., and Steiner.)
- Steiner, Howard M., assignor to H. D. Taylor Company, Buffalo, N. Y. Fixture for curtains, draperies, and the like. 2,012,734; Aug. 27.
- Steiner, Kurt, Munich, Germany. Reflex camera. 2,016,058; Oct. 1.
- Steiner, Leo, Budapest, Hungary. Workholder for sharp-ening machines. 2,019,742; Nov. 5.
- Steiner Sales Company. (See de Bersaques, R., as-signor.)
- Steiner Sales Company. (See Grunwald, Albert C., as-signor.)
- Steines, Heinrich A. (See Ullrich, Bruno, assignor.)
- Steinruber, George, Huntsville, Ala. Electric table stove. 2,015,295; Sept. 24.
- Steinhart, Curt. (See Hegwein, G., Stockmeyer, and Steinhart.)
- Steinhart, Curt. (See Hegwein, G., Stockmeyer, Stein-hart, Bömmelt, Schmid and Würst.)
- Steinhart, Irving, New York, N. Y. Carburetor. 1,988,817; Jan. 22.
- Steinhart, Hermann. (See Baumgratz, E., Kratz, and Steinhart.)
- Steinhart, Hermann, F. Kratz, and E. Baumgratz, as-signors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Hand tool. 1,990,053; Feb. 5.

- Steinhart, Hermann, F. Kratz, and E. Baumgratz, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Apparatus for spraying liquids such as paints, varnishes, or the like. 2,013,639; Sept. 3.
- Steinhart, Hermann, F. Kratz, and E. Baumgratz, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Applying coating liquids such as paints, varnishes, or the like. 2,013,640; Sept. 3.
- Steinhart, Joseph, New York, N. Y. Regulating attachment for knitting machines. 1,990,440; Feb. 5.
- Steinhart, Rudolf, Vienna, Austria, and Anna Hunter, Berlin, Germany. Electrical preheater for carburetors. 2,021,525; Nov. 19.
- Steinharter, Joseph J., et al. (See Donahoe, Michael A., assignor.)
- Steinhauer, Mike, Appleton, Wis. Collapsible barricade. 2,006,906; July 2.
- Steininger, Herbert M., Kansas City, Mo., assignor to Standard Oil Company (Indiana), Chicago, Ill. Asphalt emulsions. 1,988,879; Jan. 22.
- Steinle, Adolf, assignor to the firm Carl Zeiss, Jena, Germany. Instrument for testing the pitch of threads. 2,004,225; June 11.
- Steinmann, Bruno, Vienna, Austria. Holder. 2,022,789; Dec. 3.
- Steinmayer, Alwin G. (See Schultz, W. O., and Steinmayer.)
- Steinmayer, Alwin G. (See Smythe, R. L., and Steinmayer.)
- Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Fuse. 1,993,866; Mar. 12.
- Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Liquid fuse. 2,023,555; Dec. 10.
- Steinmayer, Alwin G., Milwaukee, and W. O. Schultz, assignors to Line Material Company, South Milwaukee, Wis. Oil fuse. 2,003,616; June 4.
- Steinmetz, Alfred A., Locust Valley, and H. M. Ward, Scarsdale, assignors to The Western Union Telegraph Company, New York, N. Y. Voltage regulator. 1,998,741; Apr. 23.
- Steinmetz, Joseph N., Watermael, Belgium. Apparatus for the separation of dry materials. 2,006,119; June 25.
- Steinmeyer, Harry A., et al. (See Voss, John, assignor.)
- Steinthal, Martin, New York, N. Y. Tab for cloth samples. 1,994,673; Mar. 19.
- Steinwand, Otto J., San Francisco, Calif. Dicing machine. 1,991,033; Feb. 12.
- Steinway & Sons. (See Bihuber, Paul H., assignor.)
- Steirly, Albert R., Houston, Texas. Pump valve. 2,018,288; Oct. 22.
- Stella, Edward F., Los Angeles, Calif. Razor guide for hones. 1,991,034; Feb. 12.
- Stella, Emidio, San Francisco, Calif., assignor of one-half to Marino De Lorenzo. Fluid operated valve for fermentation receptacles. 2,023,153; Dec. 3.
- Stelljes, Fred D., assignor to T. & L. Company Incorporated, Newark, N. J. Traveling bag. 2,016,688; Oct. 8.
- Stephens, Charles A., Denver, Colo. Propeller fan. 1,995,193; Mar. 19.
- Stelter, Walter W. P., Echo, Minn. Feeder for corn shredders and the like. 2,016,910; Oct. 8.
- Stelzer, Franz H. B., assignor to "Universelle" Cigarettenmaschinen-Fabrik, J. C. Müller & Co., Dresden, Germany. Apparatus for transferring a cigar filler from the rolling device into the pressing mold. 2,022,575; Nov. 26.
- Stelzer, William, Chicago, Ill., assignor to Bendix Aviation Corporation, New York, N. Y. Propelling device for aircraft and the like. 1,992,333; Feb. 26.
- Stelzer, William, assignor to Bendix Brake Company, South Bend, Ind. Wheel. 2,018,928; Oct. 29.
- Stember, Bernard. (See Green, H., and Stember.)
- Stemen, William R. (See Urbain, O. M., and Stemen.)
- Stempelin, Ralph, Wittenberge, near Potsdam, Germany, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle-eye polishing machine. 1,988,818; Jan. 22.
- Stencell, August J., Pembroke, Ontario, Canada. Stove. 2,025,252; Dec. 24.
- Stene, Manfred. (See Rah, J. C., Stene, and Cornell.)
- Stener, Otto A., Los Angeles, Calif. Veneer wall structure. 1,998,261; Apr. 16.
- Stenersen, Albert H., assignor to The Wahl Company, Chicago, Ill. Fountain pen. 1,990,441; Feb. 5.
- Stenersen, Albert H., assignor to The Wahl Company, Chicago, Ill. Apparatus for molding objects of pyralin and other material that is plastic when heated. 2,014,150; Sept. 10.
- Stenfors, Frans I. E., Fredriksberg, Sundsvall, assignor to Aktiebolaget Svenska Fläktfabriken, Stockholm, Sweden. Drying plant and method of drying. 1,995,690; Mar. 26.
- Stenfors, Frans I. E., Fredriksberg, Sundsvall, and P. G. Artelius, Nockeby, assignors to Aktiebolaget Svenska Fläktfabriken, Stockholm, Sweden. Conveyor for drying plants. 1,999,066; Apr. 23.
- Stenger, Willebald C., Chicago, Ill. Acoustical diaphragm and mounting means. 2,020,705; Nov. 12.
- Stengl, Rudolph J. (See Davis, S. H., Anderson, and Stengl.)
- Stenhouse, David. (See Stenhouse, Thomas and D.)
- Stenhouse, David, Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Glass feeding apparatus. 2,004,017; June 4.
- Stenhouse, Thomas, Washington, Pa., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Glass feeder. 2,003,058; May 28.
- Stenhouse, Thomas, Washington, Pa., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Marvering glass and apparatus therefor. 2,020,623; Nov. 12.
- Stenhouse, Thomas, Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Method of and apparatus for supplying glass to forming machines. 2,026,287; Dec. 31.
- Stenhouse, Thomas and D., Washington, Pa., assignors to Hazel-Atlas Glass Co., Wheeling, W. Va. Glass severing mechanism. 1,987,249; Jan. 8.
- Stenman, Per L., Stockholm, Sweden. Screw machine supplying mechanism. 2,009,751; July 30.
- Stensgaard, William L., Chicago, Ill. Supporting apparatus. 2,001,222; May 14.
- Stentite. (See Burgdorfer, R. H., Hendren, and Leyendecker, assignors.)
- Stenz, Bernard F., New York, and A. D. Eitzen, Rockville Centre, assignors to Simplex Pattern Projection Corporation, New York, N. Y. Display device. 1,994,543; Mar. 19.
- Stenzinger, Theodor. (See Müller, A., and Stenzinger.)
- Stepanian, Stephen, assignor of one-half to John H. Pumphrey, Columbus, Ohio. Garment. 1,997,703; Apr. 16.
- Stephan Engineering Corporation. (See Stephan, Fritz, assignor.)
- Stephan, Fritz, assignor to Stephan Engineering Corporation, Chicago, Ill. Fuel atomizing and igniting means. 2,008,803; July 23.
- Stephan, Fritz, assignor, by mesne assignments, to William M. Hansen, Chicago, Ill. Atomizer. 2,012,146; Aug. 20.
- Stephansen, Nicolai, assignor to Norsk Hydro-Elektrisk Kvaestofaktieselskab, Oslo, Norway. Process and apparatus for converting liquid substances into the form of granules. 2,010,902; Aug. 13.
- Stephen, Charles W. (See McCausland, W., and Stephen.)
- Stephens-Adamson Mfg. Co. (See Kendall, Myron A., assignor.)
- Stephens, Clarence L. (See Stephens, Noble E., assignor.)
- Stephens, Fred G., Granite City, Ill. Locomotive smoke consumer. 1,990,921; Feb. 12.
- Stephens, Harry S., Atlanta, Ga., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Golf club. 2,016,218; Oct. 1.
- Stephens, Henry C., Ontario, and S. B. Hoar, Claremont, Calif., assignors, by mesne assignments, to Natural Food Products Company, Cascade deaerator. 2,020,250; Nov. 5.
- Stephens, Henry J., et al. (See Cohen, Theodore A., assignor.)
- Stephens, Howard O., Pittsfield, Mass., assignor to General Electric Company. Transformer temperature indicator. 1,986,610; Jan. 1.
- Stephens, Joseph F., assignor to Gustin-Bacon Manufacturing Co., Kansas City, Mo. Pipe coupling. 2,005,056; June 18.
- Stephens, Joseph F., assignor to Wingfoot Corporation, Akron, Ohio. Conveying apparatus. 2,007,910; July 9.
- Stephens, Noble E., Bronxville, assignor to C. L. Stephens, New York, N. Y. Visualizer. 2,010,501; Aug. 6.
- Stephens, Robert C., Springfield, Mo. Valve structure. 2,026,196; Dec. 31.
- Stephens, Thomas J., Brooklyn, N. Y. Gas pressure stabilizer. 2,015,243; Sept. 24.
- Stephens, William T. (See Proctor, R. V., and Stephens.)
- Stephens, William T., assignor to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Earth handling device. 2,001,803; May 21.
- Stephens, William T., assignor to The Commercial Shearing and Stamping Company, Youngstown, Ohio. Automotive lifting device. 2,019,938; Nov. 5.
- Stephenson, Chester A., Pelham, N. Y. Telephone attachment. 1,999,948; Apr. 30.
- Stephenson, Ernest I. (See Burrow, Frank J., assignor.)
- Stephenson, Hugh M., Fort Wayne, Ind., assignor to General Electric Company. Clutch for dynamo-electric machines. 1,988,922; Jan. 22.
- Stephenson, Hugh M., Fort Wayne, Ind., assignor to General Electric Company. Variable speed transmission. 2,009,099; July 23.
- Stephenson, James E., assignor to General Railway Signal Company, Rochester, N. Y. Tension testing device for spring contacts. 2,003,910; June 4.
- Stephenson, William B. (See Irsch, G. J., and Stephenson.)
- Stepp, Howard W. (See Bradley, Leonard, assignor.)
- Sterba, Ernest J., Asbury Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Antenna sleet melting apparatus. 2,008,266; July 16.
- Stere, Boyd A., and A. C. Aueschmer, Youngstown, Ohio. Window. 2,014,704; Sept. 17.
- Sterkv. Gösta. (See Tigtershiöld, K. M., and Sterkv.)
- Sterling Automotive Products Corporation. (See Lear, Joseph D., assignor.)
- Sterling, Bernard A., Chicago, Ill. Hair waving clamp. 1,991,635; Feb. 19.
- Sterling Cable Corporation. (See Johns, H., and Dobbins, assignors.)

- Sterling, Claude H., Syracuse, N. Y., assignor to General Motors Corporation, Detroit, Mich. Making valve taps. 1,991,582; Feb. 19.
- Sterling Corporation, The. (See Flammang, J., and Bowser, assignors.)
- Sterling Corporation, The. (See Flammang, J., Bowser, and Ernst, assignors.)
- Sterling Engine Company. (See Powis, Richard, assignor.)
- Sterling Engineering Company. (See Berghoefer, Victor A., assignor.)
- Sterling, Ernst, Magdeburg, Germany. Apparatus for the tailoring trade for reproducing the shape of the body of the customer. 2,005,399; June 18.
- Sterling Fibre Company. (See Coyne, Harry J., and F. J., assignors.)
- Sterling Grinding Wheel Company, The. (See Ballash, J. L., and Bucheister, assignors.)
- Sterling Shoe Corporation. (See Stein, Aleck H., assignor.)
- Sterling, Scott, Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic lens and making the same. 2,021,812; Nov. 19.
- Sterling Siren Fire Alarm Company Inc. (See Armstrong, Merton C., assignor.)
- Sterling, Theodore W., Buckingham Valley, Pa. Stable stall. 2,023,774; Dec. 10.
- Sterling, Wilson H. (See Clark, James E., assignor.)
- Stern, Albert. (See Bailey, Charles C., assignor.)
- Stern, Arnold, Brooklyn, N. Y. Rotating toy. 2,022,390; Nov. 26.
- Stern, Charles, Jersey City, assignor to Ardeo Manufacturing Company, Hoboken, N. J. Drifting valve for locomotives. 1,999,643; Apr. 30.
- Stern, Charles, Jersey City, assignor to Ardeo Manufacturing Company, Hoboken, N. J. Lubricant distributor. 2,016,974; Oct. 8.
- Stern, Charles, Jersey City, assignor to Ardeo Manufacturing Company, Hoboken, N. J. Rail flange lubricator. 2,016,975; Oct. 8.
- Stern, Charles, Jersey City, assignor to Ardeo Manufacturing Company, Hoboken, N. J. Rail flange lubricator. 2,016,976; Oct. 8.
- Stern, Edgar L., and R. J. Gruenberg, San Francisco, Calif. Folding box. 2,008,935; July 23.
- Stern, Ernest, Astoria, N. Y. Method and apparatus for producing and projecting sound-motion pictures. 1,991,472; Feb. 19.
- Stern-Gesellschaft für Moderne Grundbautechnik m. b. H. (See Zeissl, Ignaz, assignor.)
- Stern Hat Company, The. (See Stern, S. H., and Wallens, assignors.)
- Stern, Irving H., Boston, Mass. Bed bottom. 1,994,901; Mar. 19.
- Stern, Louis, Company. (See Kraemer, August F., assignor.)
- Stern, Louis J., Yonkers, N. Y. Cosmetic cream. 1,990,676; Feb. 12.
- Stern, Max, Mannheim-Feudenheim, Germany. Preserving of raw hides and skins. 2,010,383; Aug. 6.
- Stern, Sidney H., and H. Wallens, assignors to The Stern Hat Company, Cleveland, Ohio. Raincoat, overcoat, or the like. 1,998,825; Apr. 23.
- Stern, Sydney, Brooklyn, N. Y. Combined window screen and ventilator. 2,019,200; Oct. 29.
- Sternaman, Edward C., assignor to F. Sternaman, Chicago, Ill. Calk for athletic shoes. 2,010,116; Aug. 6.
- Sternaman, Florence. (See Sternaman, Edward C., assignor.)
- Sternberg, Theodore A., Newark, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrode mount. 2,017,552; Oct. 15.
- Sternberg, William, Newark, N. J. Headress. 2,019,028; Oct. 29.
- Sternberg, Woldemar M. (See Epstein, A. K., Harris, Reynolds, and Sternberg.)
- Sternbergh, James H., Reading, Pa. Die head. 1,991,636; Feb. 19.
- Sterns, Frank E., St. Catharines, Ontario, Canada. Skid preventer. 1,988,986; Jan. 22.
- Sterolene Company, The. (See Howard, Willis G., assignor.)
- Sterrett, Vance C. (See Murphy, E., and Sterrett.)
- Stertzach, Harry W., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Body bolster construction. 1,987,134; Jan. 8.
- Stertzach, Harry W., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Vertical key draft yoke for railway cars. 2,023,651; Dec. 10.
- Stertzach, Harry W., J. S. McPherson, and A. H. Pflander, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Pin retaining means. 2,004,300; June 11.
- Stetson, Bradford R. (See Belcher, D., and Stetson.)
- Stetson, Leon W., Newton, Mass. Antiskid device for wheel treads. 2,020,586; Nov. 12.
- Stetson-Ross Machine Company. (See Nicholson, F. A., and Pritchard, assignors.)
- Stettler, Frank C. (See Goodyear, Charles H., assignor.)
- Steuart, George R. (See Roesch, F. P., and Steuart.)
- Stenber, Milton C., Madison, Wis. Power translating device. 2,022,058; Nov. 26.
- Steuer, Otto A., Los Angeles, Calif. Building structure and brick for the same. 1,992,785; Feb. 26.
- Steuernagel, Harry A., East Hartford, Conn. Tooth brush and tumbler holder. 1,993,460; Mar. 5.
- Steven, George, Buffalo, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Safety valve for compressors. 1,986,299; Jan. 1.
- Stevens, Arthur L., assignor, by mesne assignments, to K. Stevens, Evanston, Ill. Heat interchanger. 1,987,497; Jan. 8.
- Stevens, Burt D., Evanston, assignor to The Miehle Printing Press & Mfg. Company, Chicago, Ill. Feeding sheets. 1,991,003; Feb. 12.
- Stevens, Carl A. (See Pfefferkorn, F. F., and Stevens.)
- Stevens, Clarence B., Portland, Oreg. Scouring device. 2,019,368; Oct. 29.
- Stevens, Clarence C., Forestville, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Separator. 1,996,841; Apr. 9.
- Stevens, Clarence C., Forestville, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Grinding machine. 1,996,842; Apr. 9.
- Stevens, Donald R. (See Payne, C. R. and Stevens.)
- Stevens, Donald R., Pittsburgh, and W. A. Gruse, Wilkinsburg, assignors to Gulf Refining Company, Pittsburgh, Pa. Compound catalyst. 1,999,345; Apr. 30.
- Stevens, Donald R., Pittsburgh, and W. A. Gruse, Wilkinsburg, assignors to Gulf Refining Company, Pittsburgh, Pa. Petroleum product. 2,001,634; May 14.
- Stevens, Donald R., Pittsburgh, and W. A. Gruse, Wilkinsburg, assignors to Gulf Refining Company, Pittsburgh, Pa. Refining of cracked petroleum products. 2,017,610; Oct. 15.
- Stevens, Edward W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Throttle arrangement for pneumatic tools. 2,014,705; Sept. 17.
- Stevens, Frank C. (See Sheppard, J. F., Stevens, and Lindbom.)
- Stevens, Frank J. (See Knapp, A. S., and Stevens.)
- Stevens, Frederick A., Providence, R. I. Tag. 2,016,059; Oct. 1.
- Stevens, Gray, Weymouth, Mass., assignor, by mesne assignments, to American Sales Book Company, Inc. Manifolding record book. 2,006,034; June 25.
- Stevens, Harold, Cincinnati, Ohio, assignor, by mesne assignments, to Harold Stevens, trustee. Processing coal. 1,993,756; Mar. 12.
- Stevens, Harold, trustee. (See Stevens, Harold, assignor.)
- Stevens, Harry R., Baltimore, Md. Cleaning agent container. 1,997,982; Apr. 16.
- Stevens, Herbert A. (See Shultz, R. W., and Stevens.)
- Stevens, Herbert A., London, England. Door closer. 2,011,694; Aug. 20.
- Stevens, John C., Portland, assignor to Leupold, Volpel & Co., Portland, Oreg. Water level recorder. 2,000,046; May 7.
- Stevens, Katherine. (See Stevens, Arthur L., assignor.)
- Stevens, Llewellyn W., Needham, Mass. Toilet flush. 2,021,813; Nov. 19.
- Stevens Metal Products Company, The. (See Harm, George O., assignor.)
- Stevens Metal Products Company, The. (See Thompson, Edward D., assignor.)
- Stevens, Richard H., Baltimore, Md., assignor to Bethlehem Steel Company. Piling device for sheet mill tables. 2,003,125; May 28.
- Stevens, Roderick G., Chicago, Ill. Rubber finger stall toothbrush. 2,018,903; Oct. 29.
- Stevens, Roger B. (See Durfey, C. H., Naylor, Bauer, and Stevens.)
- Stevens, Ronald J., New Malden, assignor to The General Electric Company Limited, London, England. Electrical signaling and control system. 1,989,630; Jan. 29.
- Stevens, William C., assignor, by mesne assignments to Cutler-Hammer, Inc., Milwaukee, Wis. Connector for electric conductors. 2,007,352; July 9.
- Stevens, William H., Waukegan, Ill. File cleaner. 2,013,545; Sept. 3.
- Stevenson, Alexander R., Jr., Schenectady, N. Y., assignor to General Electric Company. Oil burner. 2,004,771; June 11.
- Stevenson, Boyd L., Effingham, Ill. Closure. 1,991,126; Feb. 12.
- Stevenson, Edward E., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Solid plunger liner pump. 1,992,402; Feb. 26.
- Stevenson, Holland N. (See Wright, Gilbert, assignor.)
- Stevenson, Robert, West Barrington, R. I. Spring shackle. 2,007,387; July 9.
- Stevenson, Robert, West Barrington, assignor to Edwin Harris, Pawtucket, R. I. Mounting for oscillating members. 2,019,513; Nov. 5.
- Stevenson, Robert W., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Shredding apparatus. 1,996,177; Apr. 2.
- Stevenson, William M., Springfield, assignor to Chicopee Mfg. Corp., Chicopee Falls, Mass. Resilient fabric. 1,999,067; Apr. 23.
- Steward, Colby W., Buffalo, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Landing gear. 1,988,093; Jan. 15.
- Steward, Colby W., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Exhaust manifold. 2,000,722; May 7.
- Steward, Douglas P., Johnstown, Pa. Guard rail. 1,992,786; Feb. 26.

- Steward, Douglas P., and J. V. Stewart, assignors to The Lorain Steel Company, Johnstown, Pa. Making special tie plates. 2,020,441; Nov. 12.
- Steward, Douglas P., and J. V. Stewart, assignors to The Lorain Steel Company, Johnstown, Pa. Point and switch. 2,023,344; Dec. 3.
- Stewart, Albert E., assignor to Acme Knitting Machine & Needle Company, Franklin, N. H. Knitting machine. 1,986,753; Jan. 1.
- Stewart, Albert E., assignor to Acme Knitting Machine & Needle Company, Franklin, N. H. Knitting machine. 1,992,641; Feb. 26.
- Stewart, Albert E., assignor to Acme Knitting Machine & Needle Company, Franklin, N. H. Knitting machine. 1,994,041; Mar. 12.
- Stewart, Alden D., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Water heater control. 2,006,035; June 25.
- Stewart, Alexander, London, England. Photographic flash-light apparatus. 1,995,552; Mar. 26.
- Stewart, Alexander, Roselle, N. J., assignor to National Lead Company, New York, N. Y. Storage battery paste. 2,022,482; Nov. 26.
- Stewart, Arthur L., assignor to Gleason Works, Rochester, N. Y. Grinding gears. 1,993,120; Mar. 5.
- Stewart, Burns A., Nutley, N. J., assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Mixing and masticating machine. 2,025,077; Dec. 24.
- Stewart, Carlton D. (See Farmer, C. C., and Stewart.)
- Stewart, Duncan J., assignor to H. D. Colman, Rockford, Ill. Combined heating and domestic hot water supply system. 1,992,251; Feb. 26.
- Stewart, Duncan J., assignor to Howard D. Colman, Rockford, Ill. Alternating current motor. 1,992,971; Mar. 5.
- Stewart, Duncan J., assignor to Howard D. Colman, Rockford, Ill. Automatic control device. 1,997,604; Apr. 16.
- Stewart, Duncan J., assignor to H. D. Colman, Rockford, Ill. Position control apparatus. 2,013,676; Sept. 10.
- Stewart, Edward C., Washington, Pa. Apparatus for feeding molten glass. 1,986,650; Jan. 1.
- Stewart, Edward C., assignor to Tygart Valley Glass Company, Washington, Pa. Method of and apparatus for feeding molten glass. 2,010,334; Aug. 6.
- Stewart, Edward C., assignor to Tygart Valley Glass Company, Washington, Pa. Feeding glass. 2,013,451; Sept. 3.
- Stewart, Emmitt L., Oklahoma City, Okla. Steel tape brake. 1,991,263; Feb. 12.
- Stewart, Enos A., Canton, Ohio. Perforated building brick or block. 2,022,928; Dec. 3.
- Stewart, Frank R., and Truman O. Spencer, assignors to Hurty-Peck & Co., Indianapolis, Ind. Refrigerated cabinet. 1,987,423; Jan. 8.
- Stewart, Howard R., assignor of one-third to L. D. Collings, Los Angeles, Calif. Nonresealable container. 2,004,512; June 11.
- Stewart, James, Corporation. (See Onstad, Henry G., assignor.)
- Stewart, James G., Los Angeles, Calif., assignor to Radio Corporation of America. Sound gate. 1,997,088; Apr. 9.
- Stewart, John E. (See Praetorius, E., and Joaquin, assignors.)
- Stewart, John M., Western Springs, W. Hamm, Oak Park, and E. W. Cone, Chicago, Ill., assignors to International Harvester Company. Ledger-plate and section hardening furnace. 2,010,117; Aug. 6.
- Stewart, John V. (See Stewart, D. P., and Stewart.)
- Stewart, John V. (See Stewart, Douglas P., and J. V. Stewart.)
- Stewart, John V., Johnstown, Pa. Guard rail strut or spacer. 1,987,033; Jan. 8.
- Stewart, John V., Johnstown, Pa. One-piece guard rail. 2,019,743; Nov. 5.
- Stewart, Leroy C., assignor to The Dow Chemical Company, Midland, Mich. Lime mortar and plaster. 1,991,338; Feb. 12.
- Stewart, Mellie E. (See Decker, Harry R., assignor.)
- Stewart, Merritt G. (See Herlund, J. W., and Stewart.)
- Stewart, Nelson H., Verona, N. J., assignor to Westinghouse Lamp Company. Discharge device. 2,006,563; July 2.
- Stewart, Ralph B., Chevy Chase, Md. Animated toy. 1,997,127; Apr. 9.
- Stewart, Richard M., Montclair, N. J., assignor to Ellis-Foster Company. Domestic heating process and apparatus therefor. 2,025,695; Dec. 24.
- Stewart, Robert N. (See Marchant, W. D., and Stewart.)
- Stewart, Spencer W., White Plains, assignor to Ambursen Construction Co., Inc., New York, N. Y. Water purification plant. 1,995,367; Mar. 26.
- Stewart, Victor A., assignor to L. A. Solomon, as trustee, New York, N. Y. Treating photographic surfaces. 1,997,269; Apr. 9.
- Stewart-Warner Corporation. (See Bystricky, Joseph, assignor.)
- Stewart-Warner Corporation. (See Bystricky, J., and Schmid, assignors.)
- Stewart-Warner Corporation. (See Davis, Ernest W., assignor.)
- Stewart-Warner Corporation. (See Davis, E. W., and Wedeberg, assignors.)
- Stewart-Warner Corporation. (See Ericson, G. R., and Ramsay, assignors.)
- Stewart-Warner Corporation. (See Morse, Norman W., assignor.)
- Stewart-Warner Corporation. (See Schulze, W. H., and Wheeler, assignors.)
- Stewart-Warner Corporation. (See Tice, Percival S., assignor.)
- Stewart-Warner Corporation. (See Weinrich, Walter H., assignor.)
- Stewart-Warner Corporation. (See Whitted, John B., assignor.)
- Stewart-Warner Corporation. (See Williamson, Peter, Jr., assignor.)
- Stewart-Warner Corporation. (See Zerk, Oscar U., assignor.)
- Stewart, Willard C. (See Tinker, J. M., and Stewart.)
- Stewart, William M., San Francisco, Calif. Compartment car. 1,994,150; Mar. 12.
- Stewart, William M., San Francisco, Calif. Cooling unit. 2,011,881; Aug. 20.
- Stewarts and Lloyds Limited. (See Davidson, Graham, assignor.)
- Stibbs, Harry, Vandalia, Ohio. Bearing. 1,987,034; Jan. 8.
- Sticha, Karel, Hradec Kralove, Czechoslovakia. Coloring sheeted asbestos-cement composition material and the like. 2,007,411; July 9.
- Sticher, Joseph K. H., assignor to The Detroit Edison Company, Detroit, Mich. Controlling cable. 2,020,128; Nov. 5.
- Stickel, Charles W. (See Tuttle, W. R., and Stickel.)
- Stickle, John B., Indianapolis, Ind. Steam heating system. 2,004,226; June 11.
- Stickle, John B., Indianapolis, Ind. Steam heating apparatus. 2,004,227; June 11.
- Stickney, Burnham C., Hillside, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,985,959; Jan. 1.
- Stickney, Burnham C., Hillside, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,013,677; Sept. 10.
- Stiegler, George, Cincinnati, Ohio. Marking machine. 1,993,461; Mar. 5.
- Stiegler, Harold W. (See Powers, D. H., and Stiegler.)
- Stienen, Ernest A., New York, N. Y. Apparatus for extracting water from a wet textile and then drying the same. 2,023,861; Dec. 10.
- Stiennon, Louis, assignor to Winchester Repeating Arms Company, New Haven, Conn. Adjustable-pull trigger-mechanism for firearms. 1,998,596; Apr. 23.
- Stiles, Arthur L., Elmira, N. Y. Vehicle body construction. 1,990,757; Feb. 12.
- Stiles, Donald C., assignor to United States Envelope Company, Springfield, Mass. Device for philatelists' use. 1,987,377; Jan. 8.
- Stiles, Harry G., assignor to Standard Oil Company, Chicago, Ill. Noncorrodible metallic wool. 1,990,009; Feb. 5.
- Stiles, Hugh R., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Propionic acid fermentation process. 2,020,251; Nov. 5.
- Stiles, Hugh R., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Butyl-acetonic fermentation process. 2,023,374; Dec. 3.
- Still, Abram A., Annette, Calif. Safety latch for automobile gear shift levers. 1,998,208; Apr. 16.
- Still, Abram A., Annette, Calif. Safety latch for gear shift levers. 2,025,253; Dec. 24.
- Still, Andrew L., Los Angeles, Calif. Refrigerating method and apparatus. 2,005,354; June 18.
- Still, Carl, Recklinghausen, Germany. Recovery of by-products from distillation gases. 1,986,080; Jan. 1.
- Still, Carl, Recklinghausen, Germany. Coke oven. 2,007,818; July 9.
- Still, Carl, Recklinghausen, Germany. Charging and compressing loosely charged coal within oven chambers. 2,014,400; Sept. 17.
- Still, Eben E., Los Angeles, Calif. Liquid soap dispenser. 2,020,916; Nov. 12.
- Still, Firm Carl. (See Petsch, Hermann, assignor.)
- Still, Frederick G., Hatton Garden, London, assignor to W. M. Still & Sons, Limited, London, England. Dry cleaning apparatus. 2,015,443; Sept. 24.
- Still, W. M., & Sons, Limited. (See Still, Frederick G., assignor.)
- Stillman, Albert H., Bellmore, assignor to Camco Scale Corporation, New York, N. Y. Fraud preventive for check controlled apparatus. 1,993,757; Mar. 12.
- Stillman, Ray H., and C. E. Anderson, Eatontown, N. J. Basket emptying device. 2,018,929; Oct. 29.
- Stillman, Thomas B., South Orange, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam boiler. 1,991,428; Feb. 19.
- Stillman, Thomas B., South Orange, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Air box for furnaces. 1,991,711; Feb. 19.
- Stillman, Thomas B., South Orange, assignor to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 1,999,985; Apr. 30.
- Stillman, Thomas B., South Orange, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Boiler. 2,004,058; June 4.

- Stillwell, Albert L., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translation system. 1,993,758; Mar. 12.
- Stillwell, Fred W., Chicago, Ill. Spring suspension for vehicles. 2,025,622; Dec. 24.
- Stimmel, Bernard B., et al. (See Camp, Frank W., assignor.)
- Stimpson, Clarence A., Lakewood, G. H. Fuller and E. R. Marbach, Cleveland, Ohio. Printer's matrix and manufacture. 1,988,094; Jan. 15.
- Stimpson, E. B., Company. (See Stimpson, E. B., and Gualtiere, assignors.)
- Stimpson, Edwin B., Company. (See Rau, Henry V., assignor.)
- Stimpson, Edwin B., and J. Gualtiere, assignors to E. B. Stimpson Company, Brooklyn, N. Y. Rivet setting machine. 1,997,438; Apr. 9.
- Stimpson, Robert H. (See Morey, E. and Stimpson.)
- Stimpson, Wallace I., assignor to Draper Corporation, Hopedale, Mass. Loom shuttle. 1,985,960; Jan. 1.
- Stimpson, Wallace I., assignor to Draper Corporation, Hopedale, Mass. Automatically threading shuttle. 1,995,194; Mar. 19.
- Stinson, Frank G., Belleville, assignor to Bond Electric Corporation, Jersey City, N. J. Flash light. 1,990,504; Feb. 12.
- Stinson, Jonathan C., Chicago, Ill. Reflecting device for highways. 2,022,639; Nov. 26.
- Stinson, Ralph J., Flint, Mich. Spring suspension for vehicles. 2,023,254; Dec. 3.
- Stim-U-Dents, Inc. (See Grant, Francis H., assignor.)
- Stindt, Frederick, Grantwood, N. J. Method and apparatus for separating solids from liquids. 1,988,612; Jan. 22.
- Stine, James E., Aldan Park, Pa., assignor to Pennsylvania Crusher Company, New York, N. Y. Hammer for crushing machinery. 2,019,514; Nov. 5.
- Stines, Daniel E., Plainfield, N. J., assignor to Standard Oil Development Company. Rectifying process. 2,006,186; June 25.
- Stinson, George, Gardner, Mass., and J. F. Magee, Philadelphia, Pa., assignors to Heywood-Wakefield Company, Boston, Mass. Baby carriage. 2,021,814; Nov. 19.
- Stinson, Richard, Athol, assignor to E. L. Thompson Chair Corporation, Baldwinsville, Mass. Tray fastening. 2,024,667; Dec. 17.
- Stinson, Thane K., assignor to Geo. S. Mepharm Corporation, East St. Louis, Ill. Oil well drilling mud. 2,003,701; June 4.
- Stinson, William E., Birmingham, assignor to Leonard A. Young, Detroit, Mich. Coat and hat hanger. 1,990,211; Feb. 5.
- Stirling, Charles P., Wilmington, Mass., assignor to Oxford Varnish Corporation, Detroit, Mich. Making a printing member. 2,010,042; Aug. 6.
- Stirrup, Frank A., Westfield, N. J., assignor of one-third to A. C. Ayer, Scarsdale, N. Y., and one-third to F. F. Engstrom, Newark, N. J. Cork or plug for hollow tiles. 2,013,736; Sept. 10.
- Stitt, Roscoe R., Detroit, Mich. Lubricant distributor. 2,007,482; July 9.
- Stitz, Wilbur E., Dayton, Ohio. Corn popping machine. 1,997,983; Apr. 16.
- Stivers, Jake M., Carthage, Mo. Hone. 2,001,073; May 14.
- Stöbe, Robert. (See von Grüber-Rehenburg, R. and Stöbe.)
- Stock, Alfred, Karlsruhe, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of carbamates and conversion product of the same. 2,014,512; Sept. 17.
- Stock, Julius A., assignor to W. C. Ritchie and Company, Chicago, Ill. Box. 2,020,587; Nov. 12.
- Stock, Philip L., Bayfield, Colo. Self-energizing brake. 2,020,809; Nov. 12.
- Stock, Robert J., Cincinnati, Ohio. Illuminating device. 2,014,191; Sept. 10.
- Stock, Roland T., Hendon, England. Variable speed gear. 2,021,636; Nov. 19.
- Stockbridge, Norman F., St. Albans, and D. H. Corbin, Dunstable, England. Spark plug. 1,993,388; Mar. 5.
- Stockdale, Frank T., Frostburg, Pa. Valve for mine pumps. 2,014,008; Sept. 10.
- Stockdale, Harry C., Ravenna, Ohio, assignor to Food Machinery Corporation, San Jose, Calif. Lime slaker. 2,015,244; Sept. 24.
- Stockdale, Thomas E. (See Bahlke, W. H., and Stockdale.)
- Stocker, Robert. (See Müller, J., and Stocker.)
- Stockfeth, Berger, Niles, Mich., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Apparatus for producing bimetal strips. 1,995,258; Mar. 19.
- Stockfeth, Berger, Niles, Mich., assignor, by mesne assignments, to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Making bearings. 2,017,448; Oct. 15.
- Stockfeth, Sigurd J., Bloomington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Terminal strip device. 2,022,059; Nov. 26.
- Stockham, Herbert C., Birmingham, Ala., assignor to F. C. Fantz, Webster Groves, Mo. Return bend fitting for oil stills. 2,016,912; Oct. 8.
- Stockham, Herbert C., Birmingham, Ala., assignor to F. C. Fantz, Webster Groves, Mo. Return bend for crackling stills. 2,024,399; Dec. 17.
- Stockholms Superfosfat Fabriks Aktiebolag. (See Gelhaar, Stefan J., assignor.)
- Stockil, Raymond O., Takoma Park, Md. Folding chair. 1,986,381; Jan. 1.
- Stöcklin, Ernst. (See Veraguth, H., and Stöcklin.)
- Stöcklin, Ernst, Binningen, near Basel, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Asymmetrical thioindigoid dyestuff. 1,990,010; Feb. 5.
- Stockman, Carl O., Albany, N. Y. Trammel device. 1,988,095; Jan. 15.
- Stockmeyer, Friedrich W. (See Hegwein, G., Römmelt, and Stockmeyer.)
- Stockmeyer, Friedrich W. (See Hegwein, G., Stockmeyer and Steinhardt.)
- Stockmeyer, Friedrich W. (See Hegwein, G., Stockmeyer, Steinhardt, Römmelt, Schmid, and Würst.)
- Stockmeyer, Friedrich W., assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Fuel injection pump. 1,993,759; Mar. 12.
- Stockmeyer, Friedrich W., assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Control valve for gas burners. 2,000,002; Apr. 30.
- Stockmeyer, Friedrich W., and W. Römmelt, Stuttgart, assignors to Junkers & Co., Gesellschaft mit beschränkter Haftung, Dessau, Germany. Controlling arrangement for a gas burner. 2,002,513; May 28.
- Stocks, David R., Toronto, Ontario, Canada. Headlight for motor cars. 2,020,164; Nov. 5.
- Stockstrom, Arthur, St. Louis, Mo., and J. G. Kosky, assignors to American Stove Company, St. Louis, Mo. Pilot light. 2,015,766; Oct. 1.
- Stockton, Jack P., Spring Lake, N. J., assignor to Stromberg-Carlson Telephone Manufacturing Company. Phonograph. 1,992,334; Feb. 26.
- Stockton, Jack P., Spring Lake, N. J., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Phonograph. 2,026,257; Dec. 31.
- Stockton, McKinley, assignor to The Dicalite Company, Los Angeles, Calif. Method and apparatus for introducing comminuted material into a fluid stream. 1,986,300; Jan. 1.
- Stockton, McKinley, Redondo Beach, assignor to The Dicalite Company, Los Angeles, Calif. Blending and air separation of diatomaceous earth powders. 1,986,301; Jan. 1.
- Stockton, McKinley, assignor to The Dicalite Company, Los Angeles, Calif. Milling diatomaceous earth. 1,991,583; Feb. 19.
- Stockton, McKinley, assignor to The Dicalite Company, Los Angeles, Calif. Method and apparatus for air separation of diatomaceous earth milling. 2,018,039; Oct. 22.
- Stockton Profile Gage Corporation. (See Whitney, Ernest C., assignor.)
- Stöcky, Johann J., and A. Brotz, Teltow-Seehof, Germany, assignors to North American Rayon Corporation, New York, N. Y. Precipitating bath for viscose filaments. 2,015,201; Sept. 24.
- Stoddard, Edgar S., Berwyn, assignor to The Conover Company, Chicago, Ill. Dishwashing machine. 2,002,300; May 21.
- Stoddard, Edgar S., Berwyn, assignor to The Conover Company, Chicago, Ill. Washing machine. 2,023,107; Dec. 3.
- Stoddard, Robert, assignor to Milk Bottle Crate Company, Chicago, Ill. Bottle crate. 1,995,906; Mar. 26.
- Stodghill, Howard W., et al. (See Marten, Otto, assignor.)
- Stoecker, Julius, Bochum, assignor to Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Tuyère for shaft furnaces. 1,994,115; Mar. 12.
- Stoecklin, Charles, assignor to Societe Anonyme Tel. Paris, France. Speedometer. 1,992,252; Feb. 26.
- Stoecklin, Ernst, Binningen, near Basel, H. Veraguth, Basel, and F. Grieshaber, Riehen, near Basel, assignors to Society of Chemical Industry, in Basle, Basel, Switzerland. Indigoid dyestuff. 1,990,256; Feb. 5.
- Stoeckly, Johann J., Teltow-Seehof, Germany, assignor to North American Rayon Corporation, New York, N. Y. Device for supporting spinning cakes. 2,011,167; Aug. 13.
- Stoeger, Otto, Milan, Italy. Indicating apparatus for sizing machines. 2,024,890; Dec. 17.
- Stoehrer, Harold, Manatee, Fla., and F. L. Markey, Exeter, N. H., assignors to Dodgem Corporation, Lawrence, Mass. Amusement apparatus. 2,005,400; June 18.
- Stoeckle, Erwin R., assignor to Central Radio Laboratories, Milwaukee, Wis. Resistance element and making same. 2,005,922; June 25.
- Stoeckle, Erwin R., assignor to Central Radio Laboratories, Milwaukee, Wis. Mounting for fixed resistors. 2,007,224; July 9.
- Stoeckle, Erwin R., assignor to Central Radio Laboratories, Milwaukee, Wis. Adjustable resistance. 2,007,462; July 9.
- Stoelting, Hugo H., Cleveland, Ohio. Stencil printing machine. 1,995,403; Mar. 26.
- Stoelting, Melroy L., Milwaukee, Wis. Window hanger. 2,008,971; July 23.
- Stoesser, Sylvia M. (See Grebe, J. J., and Stoesser.)
- Stoesser, Sylvia M. (See Grebe, J. J., Stoesser, and Mills.)
- Stoesser, Wesley C. (See Britton, E. C., and Stoesser.)
- Stoesser, Wesley C. (See Britton, E. C., Stoesser, and Goergen.)
- Stoesser, Wesley C., and A. J. Dietzler, assignors to The Dow Chemical Company, Midland, Mich. Removing impurities from salicylo-salicylic acid and product obtainable thereby. 2,007,147; July 2.

- Stoet, Hindrik, Voorburg, near The Hague, and L. H. van Harreveld, assignors to Technisch Handelsbureau "Rumo," The Hague, Netherlands. High frequency amplifier. 1,988,987; Jan. 22.
- Stoeve, Herman J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Inverted-refrigeration plant. 2,008,407; July 16.
- Stofer, James N., Galveston, Tex. Vehicle tail light. 2,009,682; July 30.
- Stoff, Wolfgang, Berlin, Germany. Multigrid tube. 2,016,399; Oct. 8.
- Stoffel, Anna, née von der Höden, Dusseldorf, Germany. Device for ironing neckties. 2,017,478; Oct. 15.
- Stoffel, Franz L., et al. (See Schreyer, Oscar, assignor.)
- Stoffel, Hans, et al. (See Schreyer, Oscar, assignor.)
- Stoffel, Lester L., assignor to The Ohio Carbon Company, Lakewood, Ohio. Resistor. 2,020,810; Nov. 12.
- Stoffel & Sohn. (See Schreyer, Oscar, assignor.)
- Stoffer, Earl E. (See McKenzie, R. R., and Stoffer.)
- Stogner, Lawrence B., assignor to Sonoco Products Company, Hartsville, S. C. Core for thread or yarn packages. 2,017,611; Oct. 15.
- Stogoff, Peter E., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Relay. 2,020,917; Nov. 12.
- Stogsdlil, Earl W., Lynwood, Calif. Oil well cement mixer. 2,002,419; May 21.
- Stöhr, Max, Berlin-Tegel, Germany, assignor to General Electric Company. Electric valve operated motor. 2,023,255; Dec. 3.
- Stolber, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Brake for motion picture apparatus. 1,997,321; Apr. 9.
- Stoker, Albert E., assignor, by mesne assignments, to Leonard G. White, Detroit, Mich. Scouring device. 1,994,795; Mar. 19.
- Stoker, Albert E., assignor of one-fourth to C. E. Wisner, Detroit, Mich. Swimming machine. 2,014,192; Sept. 10.
- Stoker, Lyman P., Burlingame, Calif. Draft regulator. 2,026,197; Dec. 31.
- Stoker, Paul P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,009,719; July 30.
- Stoker and Smith Company. (See Nitsch, Charles H., assignor.)
- Stokes, Charles L., Los Angeles, Calif., assignor, by mesne assignments, to L. A. Williams, Evanston, and C. C. Bradbury, Glencoe, Ill., successor trustees. Automatic fuel regulator. 1,998,887; Apr. 23.
- Stokes, Charles L., Los Angeles, Calif., assignor, by mesne assignments, to L. A. Williams, Evanston, and C. C. Bradbury, Glencoe, Ill., as successor trustees. Automatic fuel regulator. 2,004,178; June 11.
- Stokes, F. J., Machine Company. (See Strauch, Claus B., assignor.)
- Stokes, F. J., Machine Company. (See Westin, Charles J., assignor.)
- Stokes, Fremont, Clarksville, Ark., W. E. Johnston, administrator of said Fremont Stokes, deceased. Carburetor. 2,008,804; July 23.
- Stokes, Jefferson D. (See Sisson, E. C., and Stokes.)
- Stokes, John S. (See Novotny, Emil E., assignor.)
- Stokes, John S., Huntingdon Valley, assignor to Stokes and Smith Company, Philadelphia, Pa. Forming boxes. 2,015,202; Sept. 24.
- Stokes, John S., Huntingdon Valley, assignor to Stokes and Smith Company, Philadelphia, Pa. Box making system. 2,016,462; Oct. 8.
- Stokes, John S., Huntingdon Valley, and E. G. Rider, assignors to Stokes and Smith Company, Philadelphia, Pa. Box forming system. 2,018,237; Oct. 22.
- Stokes, Jos., Rubber Company. (See Martindell, Milton H., assignor.)
- Stokes, Rupert O., London, England. Stirring or scraping apparatus for use in tanks for clarifying liquids and for other purposes. 1,990,011; Feb. 5.
- Stokes and Smith Company. (See First, George B., assignor.)
- Stokes & Smith Company. (See Remington, Joseph P., assignor.)
- Stokes and Smith Company. (See Stokes, J. S., and Rider, assignors.)
- Stokes and Smith Company. (See Stokes, John S., assignor.)
- Stokes, William E., Brooklyn, and D. F. Silver, Forest Hills, assignors to Royal Baking Powder Company, New York, N. Y. Gelatin food product and preparing same. 1,993,289; Mar. 5.
- Stokke, Harold G., and P. Worner, assignors to Peerless Chain Company, Winona, Minn. Traction device for the wheels of automotive vehicles. 1,995,758; Mar. 26.
- Stoll, Albert, assignor to National Machine Products Company, Detroit, Mich. Valve seat ring. 1,993,489; Mar. 5.
- Stoll, Arthur, A. Binkert, and W. Kussmaul, assignors to Chemical Works, formerly Sandoz, Basel, Switzerland. Manufacture of B-iodo-hydroxynaphthalenedisulphonic acids. 1,988,222; Jan. 15.
- Stoll, Arthur, and E. Burckhardt, assignors to the firm Chemical Works formerly Sandoz, Basel, Switzerland. Preparation of stable supersaturated solutions of calcium gluconate. 1,989,565; Jan. 29.
- Stoll, Arthur, and E. Burckhardt, assignors to the firm Chemical Works formerly Sandoz, Basel, Switzerland. Preparation of stable supersaturated calcium gluconate solutions. 1,989,566; Jan. 29.
- Stoll, Arthur, and E. Wiedemann, assignors to Chemical Works formerly Sandoz, Basel, Switzerland. Basic derivatives of porphins and metalloporphins and their manufacture. 2,005,511; June 18.
- Stoll, Robert E. (See Newhouse, R. C., and Stoll.)
- Stoll, Robert E., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Sheet metal pulley. 1,995,907; Mar. 26.
- Stollberg, Walter C., Quincy, Ill. Valve actuating means. 2,022,442; Nov. 26.
- Stollberg, Walter C., Quincy, Ill. Liquid control apparatus. 2,022,443; Nov. 26.
- Stoller, Hugh M., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Rectifier system. 1,995,404; Mar. 26.
- Stoller, Hugh M., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voltage regulator. 1,996,495; Apr. 2.
- Stoller, Hugh M., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Speed and position regulating. 1,999,376; Apr. 30.
- Stoller, Hugh M., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Speed and position regulating. 1,999,377; Apr. 30.
- Stoller, Hugh M., Mountain Lakes, N. J., and E. R. Morton, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Clutch and brake mechanism. 2,019,638; Nov. 5.
- Stollman, Harry E., Avenne, N. Y. Buckle. 2,008,267; July 16.
- Stolp, Oscar, New York, N. Y. Construction unit. 1,987,498; Jan. 8.
- Stolp, Samuel S. (See Richterkessing, F. H., and Stolp.)
- Stolp, Samuel S., and F. H. Richterkessing, Louisville, Ky. Automatic switch control. 2,026,071; Dec. 31.
- Stoltenberg, Arthur H. (See Davidsmeyer, O. H., and Stoltenberg.)
- Stoltenberg, Louis, Oakland, Calif. Potato harvesting apparatus. 2,010,335; Aug. 6.
- Stoltz, Carl F., and W. Welsh, Cincinnati, Ohio, assignors to General Railway Signal Company, Rochester, N. Y. Railway traffic controlling system. 1,997,322; Apr. 9.
- Stoltz, Edmund G., Granite City, Ill. Back water valve for drains. 1,993,534; Mar. 5.
- Stolzenberg, Frederick W., Shelton, Conn., assignor to Sidney Blumenthal & Co. Inc., New York, N. Y. Pile fabric. 1,986,686; Jan. 1.
- Stolzenberg, Frederick W., Shelton, Conn., assignor to Sidney Blumenthal & Co. Inc., New York, N. Y. Pile fabric. 1,989,535; Jan. 29.
- Stolzenberg, Frederick W., Shelton, Conn., assignor to Sidney Blumenthal & Co. Inc., New York, N. Y. Rug. 2,016,876; Oct. 8.
- Stone, Abraham, Brooklyn, N. Y. Collapsible container. 1,995,950; Mar. 26.
- Stone, Albert L. (See Stone, Frederick and A. L.)
- Stone, Arthur A. (See Snow, H. C., and Stone.)
- Stone, Charles F., Upper Darby, Pa. Radio program indicator. 1,996,390; Apr. 2.
- Stone, Charles G. and J. G., New Cumberland, Pa. Box. 1,995,655; Mar. 26.
- Stone, Charles W., Schenectady, N. Y., assignor to General Electric Company. Electric power transmission and distribution. 1,990,758; Feb. 12.
- Stone, Charles W., Schenectady, N. Y., assignor to General Electric Company. Electric power transmission and distribution. 1,990,759; Feb. 12.
- Stone, Charles W., Schenectady, N. Y., assignor to General Electric Company. Electric translating circuits and operating the same. 2,024,953; Dec. 17.
- Stone, Clarence G. (See Edelman, A., and Stone.)
- Stone, Clarence G., Mount Vernon, and A. Edelman, New York, N. Y. Photo-electric color comparator. 2,020,281; Nov. 5.
- Stone, David I., Berwyn, and D. Greenberg, Chicago, Ill. Atomizer. 1,994,407; Mar. 12.
- Stone, Edwin W., Longmeadow, Mass., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Tuft pile fabric loom. 1,989,029; Jan. 22.
- Stone, Elmer B., assignor to The America Hardware Corporation, New Britain, Conn. Padlock. 1,986,302; Jan. 1.
- Stone, Elmer B., and L. M. Dyson, assignors to The American Hardware Corporation, New Britain, Conn. Lock. 2,009,640; July 30.
- Stone, Fred L., Schenectady, N. Y., assignor to General Electric Company. Gas detector. 1,995,870; Mar. 26.
- Stone, Frederick, Los Angeles, and A. L. Stone, Redondo, assignors, by mesne assignments, to Hydril Company, Los Angeles, Calif. Casing joint. 2,006,520; July 2.
- Stone, Frederick W., and J. N. Garrison, Cleveland, Ohio. Apparatus for mixing fluids. 2,019,325; Oct. 29.
- Stone, Frederick W., and J. N. Garrison, Cleveland, Ohio. Regenerating sodium plumbite solution. 2,022,550; Nov. 26.
- Stone & Forsyth Company. (See Clark, W. A., and Mitton, assignors.)
- Stone, Harold J., Los Angeles, Calif. Transportation vehicle. 1,990,573; Feb. 12.
- Stone, Harry E., Jeffersonville, Pa. Pigment dispersion. 2,021,949; Nov. 26.

- Stone, Herbert G., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Making artificial silk. 2,000,047; May 7.
- Stone, Herbert G., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Making artificial silk. 2,000,048; May 7.
- Stone, Herbert G., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol. 2,019,744; Nov. 5.
- Stone, Herman J., Brockton, Mass. Wire nail. 2,025,961; Dec. 31.
- Stone, Howard B., Croydon, England. Loose leaf book. 2,014,994; Sept. 17.
- Stone, Irwin, New York, N. Y. Water repellent coatings and materials coated with same. 2,021,137; Nov. 19.
- Stone, J., & Company Limited. (See Brown, A. J. S., and Ash, assignors.)
- Stone, J., & Company. (See Burgis, Frederick M., assignor.)
- Stone, J., & Company Limited. (See Chilton, Alfred H., assignor.)
- Stone, Jerry G. (See Stone, Charles G. and J. G.)
- Stone, John J., Bethlehem, Pa., assignor to Bethlehem Steel Company. Producing armor plates. 2,010,650; Aug. 6.
- Stone, John S., San Diego, Calif. Reenforced soap cake. 1,997,474; Apr. 9.
- Stone, John S., San Diego, Calif., assignor to American Telephone and Telegraph Company. Frequency selective communication system. 2,023,556; Dec. 10.
- Stone, Julian E., Huntington, assignor of one-half to M. Freeman, Farmingdale, N. Y. Contract bridge game card. 2,006,521; July 2.
- Stone, Leslie F. (See Plummer, H. L., and Stone.)
- Stone, Lyman C., New York, N. Y. Camera construction. 2,020,384; Nov. 12.
- Stone, Malcolm B., Milton, assignor to Ludlow Manufacturing Associates, Boston, Mass., trustees. Frame. 1,994,052; Mar. 12.
- Stone, Morris, and R. Baudry, Wilkensburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control means for well drilling equipments. 2,005,877; June 25.
- Stone, R. Harry. (See Fletcher, C. W., and Stone.)
- Stone, R. Harry, Irvington, N. J., assignor to Titeflex Metal Hose Co. Tube. 2,022,694; Dec. 3.
- Stone, Raymond, New York, N. Y., assignor to Self-Locking Carton Co., Chicago, Ill. Carton. 2,001,984; May 21.
- Stone, Stanley J. (See Franck, E. G., and Stone.)
- Stone, Thos. E., Jr. (See Deisch, Noel, assignor.)
- Stone, William H., Santa Barbara, Calif. Engine. 2,006,372; July 2.
- Stoneycipher, David D., Nebraska City, Nebr. Diagnostic. 1,988,634; Jan. 22.
- Stonehill, Winaloe U., Los Angeles, Calif. Convertible cushion. 2,013,481; Sept. 3.
- Stonehouse, William L., Detroit, Mich. Vehicle ventilator. 2,017,996; Oct. 22.
- Stoner-Ames Brake Company. (See Stoner, George H., assignor.)
- Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Chuck operating key. 2,012,147; Aug. 20.
- Stoner, Arthur W. (See Lerch, W. G., and Stoner.)
- Stoner, Blanche M. (See Neal, L. B., and Stoner.)
- Stoner, Chester K. (See Christman, L. B., Judd, and Stoner.)
- Stoner, George H., assignor to Stoner-Ames Brake Company, Inc., Boston, Mass. Brake. 2,006,522; July 2.
- Stoner, Harry B., assignor to Stoner Mfg. Corp., Aurora, Ill. Amusement device. 2,018,978; Oct. 29.
- Stoner Mfg. Corp. (See Stoner, Harry B., assignor.)
- Stoner, William M., executor et al. (See Farrens, Albert H., assignor.)
- Stoneway Craft Limited. (See Cross, Walter C., assignor.)
- Stong, John C., and J. W. Peterson, Muskegon, Mich. Ringless sleeve piston. 1,999,644; Apr. 30.
- Stoody Company. (See Strobel, Karl, assignor.)
- Stoops, Merle J., Bladell, N. Y. Coating mixture for pack rolling. 2,008,880; July 23.
- Stopford, Charles W. (See Humphreys, O. W., and Stopford.)
- Storch, Karl D., Pittsburgh, Pa. Support for automobile hoods. 2,012,205; Aug. 20.
- Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Method and apparatus for duplicating printed matter. 1,988,056; Jan. 15.
- Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Duplicator. 1,993,699; Mar. 5.
- Storer, Edwin L., and A. H. Cox, Tulsa, Okla. Slicing device. 2,023,345; Dec. 3.
- Storer, Norman W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transportation system. 2,018,238; Oct. 22.
- Storey, Arnold A., Leicester, England. Device for facilitating darning. 2,018,239; Oct. 22.
- Storey, Daniel H., Wausau, Wis. File box. 2,023,862; Dec. 10.
- Storey, Edwin F., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,021,333; Nov. 19.
- Storkline Furniture Corporation. (See Michal, James, assignor.)
- Storm, Adolph, and T. Thorsen, assignors to Storm Manufacturing Co. Inc., Minneapolis, Minn. Boring machine. 2,004,228; June 11.
- Storm, George F., Pelham Manor, N. Y. Floor and laying the same. 2,026,511; Dec. 31.
- Storm Manufacturing Co. (See Arp, Ewald A., assignor.)
- Storm Manufacturing Co. (See Thorsen, Thor, assignor.)
- Storm Manufacturing Co. Inc. (See Storm, A., and Thorsen, assignors.)
- Storman, Edward A., Chicago, Ill. Motion sign or the like. 2,021,673; Nov. 19.
- Storms, Mark C., Fort Madison, Iowa. Culvert. 2,002,301; May 21.
- Storr, Bertram V. (See Berry, W. A., and Storr.)
- Stortz, John H., Philadelphia, Pa. Machine for making pasteboard boxes. 2,020,973; Nov. 12.
- Story, Bertrand W., and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, (Incorporated), New York, N. Y. Mineral oil composition. 2,000,105; May 7.
- Story & Clark Piano Company. (See Story, Edward F., assignor.)
- Story, Edward B. (See Aston, J., and Story.)
- Story, Edward B., Dormont, and C. E. Gross, assignors to A. M. Byers Company, Pittsburgh, Pa. Making wrought iron pipe. 2,004,138; June 11.
- Story, Edward F., assignor to Story & Clark Piano Company, Chicago, Ill. Piano. 1,990,574; Feb. 12.
- Story, Le Roy G., Glenham, assignor to The Texas Company, New York, N. Y. Motor fuel. 2,018,979; Oct. 29.
- Story, LeRoy G., Glenham, assignor to The Texas Company, New York, N. Y. Stabilizing oils. 2,923,385; Dec. 3.
- Storz, Charles R., Indianapolis, Ind. Adenotome. 1,996,261; Apr. 2.
- Storz, Leon A., Worcester, Mass. Golf club. 2,005,401; June 18.
- Stott Briquet Company. (See Morton, Harold S., assignor.)
- Stott, Philip H., Penns Grove, N. J., and E. E. Beard, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vat dyestuff printing paste. 2,022,748; Dec. 3.
- Stotts, Francis H., Wynne, Ark. Burglar alarm. 1,995,082; Mar. 19.
- Stouffer, William B., Mount Morris, Ill. Chick box. 2,021,208; Nov. 19.
- Stouges, Anthony J., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,023,557; Dec. 10.
- Stough, Charles R., and F. W. Schmidt, assignors to Motor Wheel Corporation, Lansing, Mich. Brake drum assembly. 1,995,691; Mar. 26.
- Stough, Jay A., Tulsa, Okla. Tank gauging device. 1,990,716; Feb. 12.
- Stough, William P., Sherwood, Mich. Caponizing device. 2,021,334; Nov. 19.
- Stout, Alva B. (See Durrett, W. D., and Stout.)
- Stout, Elmer O., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,018,747; Oct. 29.
- Stout, George H., Wakefield, Mass. Adjustable bracket. 1,995,656; Mar. 26.
- Stout, Joseph H., et al. (See Litten, Ira E., assignor.)
- Stout, Joseph M., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,999,520; Apr. 30.
- Stout, Oscar M., Garden City, and H. Hoyer, Woodhaven, N. Y., assignors to Sweets Company of America, Inc., New York, N. Y. Wrapping machine. 2,001,074; May 14.
- Stout, Raymond K., Dayton, Ohio. Adjustable connector. 2,011,597; Aug. 20.
- Stout, Walter L., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 1,992,551; Feb. 26.
- Stout, William B., Detroit, Mich. Automobile. 1,988,671; Jan. 22.
- Stout, William B., Detroit, Mich. Automobile. 2,000,360; May 7.
- Stover, Emory F., Philadelphia, Pa. Regulating valve. 1,992,552; Feb. 26.
- Stover, Howard L., Bellefonte, assignor of one-half to Norval Remick, Lock Haven, Pa. Pencil sharpener. 1,989,432; Jan. 29.
- Stover, Paul A., and L. B. Miller, San Francisco, Calif. Fire extinguisher. 2,011,327; Aug. 13.
- Stover, Russell, Kansas City, Mo. Packaged confection. 2,005,245; June 18.
- Stover, Russell, Kansas City, Mo. Special package. 2,007,261; July 9.
- Stowe, Lloyd, assignor to Raymond Manufacturing Company, Corry, Pa. Repair link. 2,004,677; June 11.
- Stowe, Loyd R., Shaker Heights, Ohio. Furnace. 1,999,708; Apr. 30.
- Stowell, Austin L., assignor to The Stanley Works, New Britain, Conn. Vise. 1,999,600; Apr. 30.
- Stowell, Edward R., Fort Wayne, Ind., assignor of one-half to W. Hoyt, Cleveland Heights, Ohio. Making a refractory composition. 2,009,566; July 30.
- Stowell, Jerome N., Fargo, N. Dak. Power converting unit and system. 2,000,868; May 7.

- Straatman, Alphons G. H., The Hague, Netherlands, assignor, by mesne assignments, to Shell Development Company, San Francisco, Calif. Flow detector. 2,013,995; Sept. 10.
- Straatman, Alphons G. H., The Hague, Netherlands, assignor, by mesne assignments, to Shell Development Company, San Francisco, Calif. Supporting means for a gyroscope. 2,020,165; Nov. 5.
- Strachan, Thomas H., Dayton, Ohio, and W. Gumprich, Brooklyn, N. Y., assignors, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Slicing machine. 2,016,689; Oct. 8.
- Strain, William J., Upper Montclair, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, Receiver in Equity. Lubricant spreader for gears. 2,017,871; Oct. 22.
- Strait, Ralph H., assignor to Hussmann-Ligonier Company, St. Louis, Mo. Refrigerator. 2,021,468; Nov. 19.
- Straitway Coffee, Incorporated. (See Bredt, Otto P. C., assignor.)
- Straka, Anton, Chicago, Ill. Audio amplifying transformer and static eliminator. 2,000,424; May 7.
- Strandberg, Albin K., T. R. Weber, and C. M. Ipsen, Latrobe, Pa., assignors to American Locomotive Company, New York, N. Y. Laminated spring. 2,026,404; Dec. 31.
- Strandgren, Carl B., Versailles, France. Power transmission. 2,003,317; June 4.
- Strandgren, Carl B., Versailles, France. Feathering paddle wheel. 2,023,750; Dec. 10.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,012,458; Aug. 27.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,017,872; Oct. 22.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,017,873; Oct. 22.
- Straug, Alvin E. (See Strang, Stephen T., and A. E.)
- Strang, Elmore S. (See McMullan, S., and Strang.)
- Straug, Stephen T., and A. E. Strang, Canton, Ohio. Cord retriever. 2,016,935; Oct. 8.
- Strange, Charles C. (See Pilblad, E. J., and Strange.)
- Strange, Edward H. (See Kane, Thomas, assignor.)
- Stransky Products Corporation. (See Weil, William H., assignor.)
- Strasser, Friedrich, Basel, Switzerland. Aluminium solder. 1,993,490; Mar. 5.
- Strassner, Frank J., Maplewood, and S. A. Whitmore, assignors by mesne assignments to Probar Corporation, Orange, N. J. Decorating article surfaces. 2,010,336; Aug. 6.
- Stratford, Reginald K., Sarnia, Ontario, Canada, assignor to Standard Oil Development Company. Treating oils. 2,007,114; July 2.
- Stratford, Reginald K., Sarnia, Ontario, and C. Leaver, Toronto, Ontario, Canada, assignors to Standard Oil Development Company. Continuously using clay in treating tower systems. 2,000,672; May 7.
- Stratford, William M., assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbon oils. 2,003,776; June 4.
- Stratford, William M., assignor to The Texas Company, New York, N. Y. Preparation of emulsions. 2,015,043; Sept. 17.
- Stratford, William M., assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 2,020,086; Nov. 5.
- Stratford, William M., assignor to The Texas Company, New York, N. Y. Treating and purifying motor fuels. 2,024,117; Dec. 10.
- Strathmeyer, Walter, Oppau, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sodium nitrate. 2,021,927; Nov. 26.
- Stratmore Company, The. (See Bezzenberger, Frederick K., assignor.)
- Straton, James A. (See Falcon, William V., assignor.)
- Strattman, Edwin A., Bogalusa, La. Sterilizing means. 2,021,110; Nov. 12.
- Stratton, Frank E. (See Huxford, G. T., Stratton, and Heinemann.)
- Stratton, Ralph F., Winberry, assignor of one-half to G. S. Reid, Portland, Ore. Vacuum device. 2,017,031; Oct. 8.
- Strattner, Frederick, Manoa, Pa. Electric meter testing device. 2,013,393; Sept. 3.
- Straty, Doris E., and S. Straty, Milwaukee, Wis. Incandescent filament lamp. 2,007,412; July 9.
- Straty, Stephen. (See Straty, Doris E. and S.)
- Straty, Stephen, assignor to A. O. Smith Corporation, Milwaukee, Wis. Pressure vessel and closure therefor. 1,991,429; Feb. 19.
- Straub, Francis J., New Kensington, Pa. Making building blocks. 1,987,721; Jan. 15.
- Straub, Francis J., New Kensington, Pa. Concrete block making apparatus. 2,003,702; June 4.
- Straub, Francis J., New Kensington, Pa. Crusher. 2,025,623; Dec. 24.
- Straub, Fritz, Basel, and H. Schneider, Riehen, near Basel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Chromiferous azo-dyestuff and making same. 1,989,567; Jan. 29.
- Straub, Fritz, Basel, and H. Schneider, Riehen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Chromiferous dyestuff and making same. 1,989,568; Jan. 29.
- Straub, Fritz, Basel, and H. Schneider, Riehen, near Basel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Chromiferous azo-dyestuff and making same. 1,993,462; Mar. 5.
- Straub, Fritz, Basel, and H. Mayer, assignors to "Society of Chemical Industry in Basle", Basel, Switzerland. Metaliferous dyestuffs and making same. 1,994,116; Mar. 12.
- Straub, Fritz, and W. Widmer, assignors to The firm of Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of chromiferous azo-dyestuffs dyeing pink tints. 1,999,068; Apr. 23.
- Straub, Fritz, Basel, and H. Schneider, Riehen, near Basel, assignors to "Society of Chemical Industry in Basle", Basel, Switzerland. Producing fast tints on animal fibers. 2,000,794; May 7.
- Straub, Fritz, Basel, and H. Schneider, Riehen, near Basel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Chromiferous azo-dyestuffs and making same. 2,008,601; July 16.
- Straub, Fritz, and H. Mayer, Basel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Dyeing leather. 2,008,602; July 16.
- Straub, Fritz, Basel, and H. Schneider, Riehen, near Basel, Switzerland, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Chromiferous azo-dyestuff and making same. 2,012,779; Aug. 27.
- Straub, Gustave F. (See Meyertons, Karl F. W., assignor.)
- Straub, W. F., & Company. (See Straub, W. F., and Fuerst, assignors.)
- Straub, Walter F., Chicago, Ill., and E. W. Fuerst, Toledo, Ohio, assignors, by mesne assignments, to W. F. Straub & Company, Chicago, Ill. Commercial package. 2,020,339; Nov. 12.
- Straube, Raymond C., Three Rivers, Mich., assignor to Fairbanks Morse & Co., Chicago, Ill. Control mechanism for belt driven apparatus. 2,002,648; May 28.
- Straubel, Frederick L. G., Green Bay, Wis. Guide card retaining means for filing drawers. 2,010,740; Aug. 6.
- Straubel, Frederick L. G., assignor to The Automatic File and Index Company, Green Bay, Wis. Metal edging for desk or table tops. 2,021,751; Nov. 19.
- Straubel, Rudolf. (See Kraft, P., and Straubel.)
- Strauch, Claus B., New York, N. Y. Powder dispensing can. 1,994,623; Mar. 19.
- Strauch, Claus B., New York, N. Y., assignor, by mesne assignments, to F. J. Stokes Machine Company, Philadelphia, Pa. Apparatus for coating. 2,016,060; Oct. 1.
- Strauch, George A., Rockledge, E. F. Richter, and J. E. Garrett, assignors to Artercraft Silk Hosiery Mills, Inc., Philadelphia, Pa. Full fashioned knitting machine. 2,003,095; May 28.
- Strauch & Hoffman et al. (See Steindler, Leslie L., assignor.)
- Straumann, Reinhard, Waldenburg, near Basel, assignor to the firm Fabriques D'Horlogerie Thommen S. A., Waldenburg, near Basel, Switzerland. Shock and blow proof watch. 1,995,951; Mar. 26.
- Straus, Harry H. (See Grupe, William F., assignor.)
- Straus, Harry H. (See Heyzel, Paul R., assignor.)
- Straus, Joseph, New York, N. Y. Oil soluble dyestuffs. 1,996,391; Apr. 2.
- Strausborger, Oscar L., Edon, Ohio. Artificial fishing bait or lure. 1,996,776; Apr. 9.
- Strause, Edmund A., et al. (See Wills, Harry F., assignor.)
- Strauss, Hermann M. A., Western Springs, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Portable household mixer and juice extractor. 2,002,333; May 21.
- Strauss, Hermann M. A., Western Springs, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Mixing machine. 2,012,486; Aug. 27.
- Strauss, Jerome, Pittsburgh, assignor, by mesne assignments, to U. S. Rustless Steel & Iron Corporation, Bridgeville, Pa. Alloy steel. 2,006,304; June 25.
- Strauss, John N., Buffalo, assignor to Morgan, Blodgett, Morgan, Inc., New York, N. Y. Oscillating joint connection. 1,989,116; Jan. 29.
- Strauss, Joseph B., San Francisco, Calif. Illuminating means for highways and sidewalks. 1,991,584; Feb. 19.
- Strauss, Joseph B., San Francisco, Calif. Hydraulic cell. 2,024,400; Dec. 17.
- Strauss, Joseph B., Chicago, Ill. Apparatus for taking photographs. 2,000,425; May 7.
- Strauss, Joseph B., Chicago, Ill. System of building construction. 2,001,162; May 14.
- Strauss, Joseph B., Chicago, Ill. Subway, tramway construction. 2,013,703; Sept. 10.
- Strauss, Joseph B., Chicago, Ill. Air tram system of transportation. 2,023,906; Dec. 10.
- Strauss, Luke J., Buffalo, N. Y. Beverage bottle cap. 2,004,018; June 4.

- Strauss, Theodore O., assignor to Casteel Research Laboratories, Inc., New York, N. Y. Intermittent driving mechanism. 1,998,855; Apr. 23.
- Straussler, Nicholas, London, England, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Trench crossing device for vehicles. 2,012,090; Aug. 20.
- Strawn, Ervin E., assignor to Paterson Parchment Paper Company, Passaic, N. J. Material containing parchmetized fiber and producing the same. 2,023,711; Dec. 10.
- Streb, Robert J., Baltimore, Md., R. R. Chappell, Richmond, Va., and J. Meagher, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Hygrostat. 1,998,340; Apr. 16.
- Streblor, George L., St. Louis, Mo. Two stroke cycle internal combustion engine. 2,001,985; May 21.
- Strecker, Charles E. (See Kopriva, C. J., and Strecker.)
- Strecker, Felix. (See Fischer, F., Strecker, and Rantsch.)
- Streckfuss, Elmer G., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Slicing machine. 1,988,256; Jan. 15.
- Street, George W. (See Lewis, Claude Le R., assignor.)
- Street, Jake, Fort Worth, Tex. Device for promoting marital accord. 2,024,983; Dec. 17.
- Streeter-Ames Company. (See Cobb, John A., assignor.)
- Streeter, Edwin H., Everett, Wash., assignor, by mesne assignments, to Masonite Corporation, Laurel, Miss. Making boards. 2,016,657; Oct. 8.
- Streeter, Ralph V., St. Paul, Minn. Copyholder. 2,006,609; July 2.
- Streets, Bernard W., et al. (See Frazier, Orville Z., assignor.)
- Streiffert, John G., and W. F. Bartoe, Columbus, Ohio. Short-wave radioreceiver. 1,986,081; Jan. 1.
- Streine Tool and Manufacturing Company, The. (See Fisher, Joseph C., assignor.)
- Streine Tool and Manufacturing Company, The. (See Fisher, J. C., and Kiefer, assignors.)
- Streitwolf, Karl, Frankfurt-on-the-Main, Alfred Fehrlé, Bad-Soden on Taunus, and H. Oesterlin, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Organic arsenic compound. 1,988,758; Jan. 22.
- Streitwolf, Karl, Frankfurt-on-the-Main, A. Fehrlé, Bad Soden-on-Taunus, and H. Hilmer, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing dihydroxy benzenearsonic acids. 2,000,361; May 7.
- Streitwolf, Karl, Frankfurt-on-the-Main, A. Fehrlé, Bad Soden on Taunus, W. Herrmann, P. Fritzsche, and R. Schnitzer, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Bismutho-benzene-aronic-stibonic acid compounds and making them. 2,001,986; May 21.
- Streitwolf, Karl, Frankfurt-on-the-Main, A. Fehrlé, Bad Soden-on-Taunus, and H. Oesterlin, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Aromatic arsonic acid. 2,023,751; Dec. 10.
- Strelz, Anton, New York, N. Y. Knitting machine. 2,017,673; Oct. 15.
- Stremel, Joseph, assignor of two-thirds to N. Stremel and one-third to G. E. Syp, Spokane, Wash. Dispensing device. 2,002,592; May 28.
- Stremel, Nellie, et al. (See Stremel, Joseph, assignor.)
- Stresau, Richard, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Electric arc welding. 1,986,167; Jan. 1.
- Stresino, Carlo, assignor to A. O. Smith Corporation, Milwaukee, Wis. Making an inlaid molded article. 2,026,105; Dec. 31.
- Stresino, Carlo, assignor to A. O. Smith Corporation, Milwaukee, Wis. Molding composition. 2,026,106; Dec. 31.
- Streun, John A., assignor to Hardwicke-Etter Company, Sherman, Tex. Cotton machine. 2,001,223; May 14.
- Streun, John A., Sherman, Tex., assignor to Hardwicke-Etter Company. Conveyor for cotton. 2,018,289; Oct. 22.
- Strezynski, George J. (See Flowers, A. E., and Strezynski.)
- Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Centrifuge. 1,997,919; Apr. 16.
- Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Self-draining centrifugal bowl. 2,000,459; May 7.
- Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal bowl for separating heavy sludge and solids from lighter liquids. 2,022,814; Dec. 3.
- Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal bowl for separating heavy sludge and solids from lighter liquids. 2,022,815; Dec. 3.
- Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal bowl for separating heavy sludge and solids from lighter liquids. 2,022,816; Dec. 3.
- Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal bowl for separating heavy sludge and solids from lighter liquids. 2,022,817; Dec. 3.
- Strezynski, George J., Poughkeepsie, N. Y., and W. Kronasser, Graz, Austria, assignors to The De Laval Separator Company, New York, N. Y. Purifying and dewaxing mineral oil. 2,006,816; July 2.
- Stribling, John W., assignor to G. Hunt, Detroit, Mich. Latch mechanism. 2,001,507; May 14.
- Stricker, William, Kansas City, Mo. Automatic food molding and wrapping machine. 2,005,599; June 18.
- Strickuouset, Sherman L., Providence, R. I., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Manufacture of rubber articles. 1,999,024; Apr. 23.
- Strickland, Royce M., and A. F. Breitenstein, assignors to The Geometric Tool Company, New Haven, Conn. Adjustable chaser-holding means. 2,013,452; Sept. 3.
- Strickland, Silas A., Detroit, Mich. Apparatus for making roller bearing cages. 1,995,759; Mar. 26.
- Strickland, Silas A., Detroit, Mich. Automatic selecting and loading device. 2,015,573; Sept. 24.
- Strickland, William P., Chicago, Ill. Antitheft device. 1,991,825; Feb. 19.
- Strickler, Charles K., and J. C. Randall, Columbus, Ohio. Game apparatus. 2,014,788; Sept. 17.
- Strickler, Walter B., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,006,489; July 2.
- Strid, Sven J. (See Taylor, S. O., and Strid.)
- Stride, William T., Rochester, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Apparatus for cleaning rugs. 1,986,947; Jan. 8.
- Strieby, Maurice E., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for the automatic grinding of crystals. 2,023,494; Dec. 10.
- Strigl, Karl J., New York, N. Y. Vehicle transmission retarding mechanism. 1,987,273; Jan. 8.
- Stringer, Louis W., Cranston, R. I., assignor to Otis Inc. Jewelry component. 2,024,893; Dec. 17.
- Stringer, Roy, assignor of one-half to W. M. Smith, Plantagenet, Ontario, Canada. Honey uncapping knife. 2,016,523; Oct. 8.
- Stringham, William S., Mt. Pleasant, Tenn., assignor to General Chemical Company, New York, N. Y. Treating ore by flotation. 1,988,523; Jan. 22.
- Strite, Frank S., New York, N. Y. Skating rink. 2,010,831; Aug. 13.
- Strite, Frank S., New York, N. Y. Skating rink. 2,010,832; Aug. 13.
- Strnad, James F., assignor to Lemco Products, Inc., Bedford, Ohio. Expanding brake drums. 1,997,323; Apr. 9.
- Strobatz, John P. (See Ganz, J. P., and Strobatz.)
- Strobel, Alfons, Munich, Germany. Blind stitch sewing machine. 1,994,117; Mar. 12.
- Strobel, Alfons, Munich, Germany. Blind stitch sewing machine. 1,998,341; Apr. 16.
- Strobel, Karl, Corporation. (See Strobel, Karl, assignor.)
- Strobel, Karl, assignor to Stoddy Company, Whittier, Calif. Protectively facing surfaces with abrasion resisting material. 2,003,019; May 28.
- Strobel, Karl, assignor to Stoddy Company, Whittier, Calif. Welding rod for applying protective abrasion resisting facings. 2,003,020; May 28.
- Strobel, Karl, Whittier, assignor to Karl Strobel Corporation, Puente, Calif. Electric arc cutting machine. 2,007,225; July 9.
- Strobell, John D. (See Hulse, G. E., and Strobell.)
- Strobridge, William, Syracuse, N. Y., assignor, by mesne assignments, to Reconstruction Finance Corporation. Garment pressing machine. 2,014,300; Sept. 10.
- Strobel, Richard. (See Stüsser, R., Dobmaier, and Strobel.)
- Stroehke, Julius T., Silver Cliff, Colo. Treating micaceous ores. 1,987,221; Jan. 8.
- Stroehke, Julius T., Silver Cliff, Colo. Removing waste materials from mica and vermiculite. 1,989,830; Feb. 5.
- Strom, Andrew. (See Booth, C., and Strom.)
- Strom, Carl S. (See Gibson, O. E., and Strom.)
- Strom, Carl S. (See Offutt, J. S., and Strom.)
- Strom, Carl S., assignor to United States Gypsum Company, Chicago, Ill. Membrane unit structure. 1,997,606; Apr. 16.
- Strom, Carl S., assignor to United States Gypsum Company, Chicago, Ill. Acoustical ceiling. 1,997,607; Apr. 16.
- Strom, Carl S., and J. S. Offutt, assignors to United States Gypsum Company, Chicago, Ill. Membrane unit building construction. 1,997,605; Apr. 16.
- Strom, William S., Seattle, Wash. Curved stock grinder and sander. 2,026,258; Dec. 31.
- Stromberg-Carlson Telephone Manufacturing Company. (See Arndt, Melvin J., assignor.)
- Stromberg-Carlson Telephone Manufacturing Company, The. (See Olney, Benjamin, assignor.)
- Stromberg-Carlson Telephone Manufacturing Company, The. (See Powell, Winfred T., assignor.)
- Stromberg-Carlson Telephone Manufacturing Company. (See Stockton, Jack P., assignor.)
- Stromberg, David, Brooklyn, N. Y. Knitting machine adapted to shape knitted articles. 2,018,290; Oct. 22.
- Stromberg Electric Company. (See Denniston, Adolph L., assignor.)
- Stromberg, John A., assignor to Associated Engineers Company, Chicago, Ill. Metallic structure. 2,008,087; July 16.

- Stromberg, Olaf E. E. (See Lack, A., and Stromberg.)
 Strömer, Ernst. (See Lasch, A., and Strömer.)
 Stromgren, Charles D., Los Angeles, Calif. Piston ring-groove scraper and groove deepener. 2,018,930; Oct. 29.
 Strong, Basil P., Atwater Village, Ohio, assignor to Blaw-Knox Company, Pittsburgh, Pa. Excavating bucket. 2,001,924; May 21.
 Strong, Chester F., Miami, Fla. Power generating system. 2,006,523; July 2.
 Strong, Chester F., New York, N. Y. Alternating current generating system. 2,006,524; July 2.
 Strong, Clarence D., Los Angeles, Calif. Inside lamp for automobiles. 2,012,593; Aug. 27.
 Strong, James B., New York, N. Y., and A. F. Huber, St. Louis, Mo., assignors to Ramapo Ajax Corporation, New York, N. Y. Railroad cross-over. 2,003,398; June 4.
 Strongson, Herman L., New York, N. Y., assignor to Beaver Manufacturing Company, Newark, N. J. Electric connector plug. 2,002,302; May 21.
 Strongson, Herman L., Syracuse, N. Y., assignor to B. D. Colen, Great Neck, Long Island, N. Y. Plug socket. 2,024,547; Dec. 17.
 Strosk, Mark, Berkeley, Calif. Coffee preserver. 2,002,420; May 21.
 Stroud, William A., Wilkesboro, N. C. Drink mixer. 1,993,024; Mar. 5.
 Stroup, Charles L., Huntington, assignor to Jeffery Dewitt Insulator Company, Kenova, W. Va. High tension insulator. 2,008,341; July 16.
 Stroup, Charles L., Huntington, assignor to Jeffery Dewitt Insulator Company, Kenova, W. Va. Insulator. 2,008,342; July 16.
 Stroup, Philip T., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Treating aluminum-base alloys. 1,998,467; Apr. 23.
 Stroup, Philip T., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Treatment of easily oxidizable alloys. 2,008,751; July 23.
 Stroup, Philip T., New Kensington, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa. Treatment of aluminum and its alloys. 2,024,751; Dec. 17.
 Strouse, Anna B., Miami, Fla. Sound deadener. 1,988,880; Jan. 22.
 Strouse, Burt M., Jackson Heights, and William H. Urbach, Astoria, N. Y. Bottle cooler. 1,999,670; Apr. 30.
 Strouse, George C. (See Lubs, H. A., and Strouse.)
 Strouse, George C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. N[para-(beta-naphthyl-amino) phenyl] morpholine and its production. 2,005,571; June 18.
 Strout, Archie L. (See Halloran, R. A., and Strout.)
 Strout, Ray D., La Salle, Ill. Marine propulsion. 2,021,815; Nov. 19.
 Strouts, Charles R. N., Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Treatment of textile materials. 2,013,081; Sept. 3.
 Strub, Fritz, Basel, and H. Schneider, Riehen near Basel, assignors to "Society of Chemical Industry in Basle", Basel, Switzerland. Chromiferous dyestuffs and making same. 2,010,613; Aug. 6.
 Strube, Edward W., Brightwaters, N. Y. Cross draft means for incinerators. 2,004,734; June 11.
 Structo Manufacturing Company. (See Thompson, Clement E., assignor.)
 Struewing, William J. (See Noble, O. H., and Struewing.)
 Strunk, Lester N., assignor to Boyertown Burial Casket Company, Boyertown, Pa. Burial casket. 2,003,096; May 28.
 Strunk, Otha M., Flat Rock, assignor of one-half to W. M. Webb, Whitley City, Ky. Mechanism for operating railway switches. 2,021,028; Nov. 12.
 Strutzel, John D., Maywood, Ill. Dispensing beverages. 2,015,765; Oct. 1.
 Struve, Clemens A., Anson, Tex. Oil feeding and control tank for Diesel engines. 2,024,548; Dec. 17.
 Struve, Frederick E., assignor to Apex Hosiery Company, Philadelphia, Pa. Stocking insert feeding device. 2,007,621; July 9.
 Struve, Frederick E., assignor to Apex Hosiery Company, Philadelphia, Pa. Envelope filler. 2,021,338; Nov. 19.
 Stryker, Harvey I. (See Calcott, W. S., Carleton, and Stryker.)
 Stryker, Jacob A. (See Henning, Francis L., assignor.)
 Strynatska, Thomas G., Mirror, Alberta, Canada. Crossing signal. 2,006,120; June 25.
 Strzalkowski, Charles W., and E. J. Wendt, Milwaukee, Wis. Device for controlling and treating thread. 2,019,201; Oct. 29.
 Stuart, Carl P., Gorbham, N. H. Clamping device. 1,998,597; Apr. 23.
 Stuart, Charles H., Newark, N. Y. Fluid dispensing device. 2,003,562; June 4.
 Stuart, Charles H., Newark, N. Y. Safety razor. 2,010,446; Aug. 6.
 Stuart, Elmer H. (See Sure, B., and Stuart.)
 Stuart, Elmer H., assignor to Eli Lilly and Company, Indianapolis, Ind. Obtaining vitamin B. 1,990,961; Feb. 12.
 Stuart, Fred W., assignor to M. A. Stuart, Beverly, Mass. Hinged last. 2,023,712; Dec. 10.
 Stuart, Henry B., assignor to Whitin Machine Works, Whitinsville, Mass. Lubricated twister ring. 1,998,973; Apr. 23.
 Stuart, Herbert W., Beverly, H. S. Hunt, Burlington, and P. L. Arnold, Edgewater Park, assignors to United States Pipe and Foundry Company, Burlington, N. J. Coated metallic centrifugal pipe mold. 1,986,985; Jan. 8.
 Stuart, Homer B., assignor to Stuart Industries, Incorporated, Detroit, Mich. Turnstile. 2,019,326; Oct. 29.
 Stuart Industries, Incorporated. (See Stuart, Homer B., assignor.)
 Stuart, Kenneth E., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Valve. 1,988,819; Jan. 22.
 Stuart, Kenneth E., assignor to Hooker Electro-Chemical Company, Niagara Falls, N. Y. Absorption process for gases. 1,993,421; Mar. 5.
 Stuart, Kenneth E., Merion, Pa., assignor to Hooker Electrochemical Company, New York, N. Y. Continuous hydrolyzing process. 2,013,453; Sept. 3.
 Stuart, Kenneth E., Merion, Pa., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Fluid flow meter. 2,020,588; Nov. 12.
 Stuart, Kenneth E., Merion, Pa., assignor to Hooker Electrochemical Company, New York, N. Y. Liquid level indicator. 2,021,615; Nov. 19.
 Stuart, Kenneth E., Merion, Pa., assignor to Hooker Electrochemical Company, New York, N. Y. Method and apparatus for introducing reagents into liquid suspensions. 2,021,616; Nov. 19.
 Stuart, Kenneth E., Niagara Falls, N. Y., assignor to Hooker Electrochemical Company, New York, N. Y. Method and apparatus for controlling the flow of volatile liquids. 2,022,695; Dec. 3.
 Stuart, Lafayette P., Salt Lake City, Utah. Weeder. 2,025,254; Dec. 24.
 Stuart, Lemuel M. (See Rothwell, J. J., Jr., and Stuart.)
 Stuart, Leslie D., Bromley, England. Filter. 1,992,101; Feb. 19.
 Stuart, Maxwell A. (See Stuart, Fred W., assignor.)
 Stuart, Robert. (See Hoke, Walter W., assignor.)
 Stuart, Robert, Forest Hills, N. Y. Automatic sheet feeding and discharging and record copy projecting machine for typewriters. 2,014,417; Sept. 17.
 Stubblefield, Roy L., Bloomington, Tex. Cap for drinking glasses. 2,003,657; June 4.
 Stubbs, Albert. (See Baumann, K., and Stubbs.)
 Stubbs, Frank L. (See Nold, J. H., and Stubbs.)
 Stubbs, Frank L., Western Springs, assignor to United States Gypsum Company, Chicago, Ill. Building construction for acoustical correction. 1,998,423; Apr. 16.
 Stubbs, Frank L., Western Springs, assignor to United States Gypsum Company, Chicago, Ill. Fastening penetrable tiles. 2,008,192; July 16.
 Stubbs, George E., Miami, Fla. Boat anchor. 2,007,667; July 9.
 Stubbs, James C., Rockingham, N. C. Relieving pressure on top rolls. 1,991,873; Feb. 19.
 Stuber & Kuck Co. (See Abele, Theodore J., assignor.)
 Stuber, Walter J. (See Reukauf, E. Jr., and Stuber.)
 Stuchbery, Arthur L. (See Downes-Shaw, A. H., Russell and Stuchbery.)
 Stuck, William R., Los Angeles, Calif. Tray. 2,001,438; May 14.
 Studebaker Corporation, The. (See Ackerman, Albert H., assignor.)
 Studebaker Corporation, The. (See Colvin, James W., assignor.)
 Studebaker Corporation, The. (See Hartsock, Guy M., assignor.)
 Studebaker Corporation, The. (See Hughes, James R., assignor.)
 Studebaker Corporation, The. (See Hughes, J. R., and Wondries, assignors.)
 Studebaker Corporation, The. (See Jones, Joseph H., assignor.)
 Studebaker Corporation, The. (See Roos, Delmar G., assignor.)
 Studebaker Corporation, The. (See Sparrow, Stanwood W., assignor.)
 Stuehngessellschaft der Deutschen Lederindustrie G. m. b. H. (See Bergmann, Max, assignor.)
 Studley, Oscar A., and K. R. Gilbert, Sonoma, Calif. Egg grading machine. 2,003,561; June 4.
 Studt, Ernst, assignor to Norddeutsche Seekabelwerke A.-G., Nordenham, Germany. Submarine signaling cable. 2,005,273; June 18.
 Studt, Ernst, Nordenham, and U. Meyer, Cologne-Mulheim, assignors to Norddeutschen Seekabelwerke A. G., Nordenham (Oldenburg), Germany. Manufacture of flexible tubes of artificial substances. 1,992,678; Feb. 26.
 Stuebing, Albert F., New York, N. Y. Friction draft gear. 2,020,481; Nov. 12.
 Stuebing, William, Jr., Cincinnati, Ohio, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Electric truck. 1,992,150; Feb. 19.
 Stueckmann, Herman, Chicago, Ill. Fuse. 2,012,898; Aug. 27.
 Stuesser, Christian, Richfield, Wis. Harrow tooth control. 2,021,617; Nov. 19.
 Stuhlmaier, Richard, Siegmars, near Chemnitz, assignor to Wanderer-Werke vorm. Winklhof & Jaenicke Akt. Ges. Schonau, near Chemnitz, Germany. Milling machine. 1,992,403; Feb. 26.

- Stuhlmacher, Richard, Siegmar, near Chemnitz, assignor to Wanderer-Werke vorm Winkhofer & Jaenicke A. G., Schonau, near Chemnitz, Germany. Knee and column milling and like machine. 2,007,314; July 9.
- Stuhmer, Geo. F., & Company. (See Brykczynski, C. S., and Chmuryzinski, assignors.)
- Stuhmer, Geo. F., & Company. (See Brykczynski, C. S., and Kosman, assignors.)
- Stuhmer, Geo. F., & Company. (See Kosman, John, assignor.)
- Stukenborg, Louis C., assignor to Oildraulic Lift Company, Memphis, Tenn. Vehicle lifting jack. Re19,465; Feb. 12.
- Stull, Faye P., assignor to D. M. Foster, Youngstown, Ohio. Brake servicing machine. 2,011,835; Aug. 20.
- Stull, John S. (See Knuuti, C. O., and Stull.)
- Stull, John S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Forming tool. 2,010,651; Aug. 6.
- Stull, John S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Driving mechanism. 2,020,482; Nov. 12.
- Stull, John S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for covering cores. 2,023,621; Dec. 10.
- Stuller, Earl A., assignor to Western Chain Products Co., Chicago, Ill. Emergency tire chain. 2,006,659; July 2.
- Stuller, Earl A., assignor to Western Chain Products Co., Chicago, Ill. Emergency tire chain. 2,014,151; Sept. 10.
- Stulz-Sickles Company. (See Payne, Burt H., assignor.)
- Stumbo, Ralph, Bronx, N. Y. Hydraulic jack for motor vehicles. 1,995,782; Mar. 26.
- Stumm, Charles A., Huntington Park, Calif. Control and mixing apparatus for hot and cold water. 2,014,639; Sept. 17.
- Stump, Horace E., Lakeville, Conn. Obtaining magnesium carbonate. 1,988,524; Jan. 22.
- Stump, J. L., et al. (See Travis, Alvin J., assignor.)
- Stump, Thomas W. H., Akron, Ohio. Electric putty heater. 1,997,805; Apr. 16.
- Stuntebeck, Alois J. (See Stuntebeck, John A., assignor.)
- Stuntebeck, John A., assignor to A. J. Stuntebeck, St. Gregor, Saskatchewan, Canada. Shower bath structure. 2,005,246; June 18.
- Stunakoff, Semon H., F. J. Fallon, and S. G. Suter, Pittsburgh, Pa., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Insulator element and manufacture thereof. 2,016,028; Oct. 1.
- Sturdevant, Earl G. (See Gibbons, W. A., and Sturdevant.)
- Sturdy, William W., Tarrytown, N. Y., assignor to American Telephone and Telegraph Company. Surge limiting circuit. 2,002,617; May 28.
- Sturdy, William W., Tarrytown, N. Y., assignor to American Telephone and Telegraph Company. Frequency indicating system. 2,022,790; Dec. 3.
- Sturgeon, Ervin E., Tulsa, Okla. Removable golf spike. 1,998,342; Apr. 16.
- Sturgis, Charles E., Rochester, N. Y. Abrading tool. 1,998,562; Apr. 23.
- Sturgis, Charles E., Rochester, N. Y. Reaming tool. 2,001,635; May 14.
- Sturgis, Charles E., Rochester, N. Y. Valve guide cleaning device. 2,020,442; Nov. 12.
- Sturgis, Raymond F., Elizabeth assignor to Michael A. Lisena, Newark, N. J. Combined water heater and heat deflector attachment for furnaces. 2,020,221; Nov. 5.
- Sturm, Linus, Freehold, N. J., assignor to A. & M. Karagheusian, Inc., New York, N. Y. Loom attachment. 2,013,588; Sept. 3.
- Sturm, Linus, Freehold, N. J., assignor to A. & M. Karagheusian, Inc., New York, N. Y. Loom attachment. 2,021,029; Nov. 12.
- Sturm, Roland G. (See Tomplin, R. L., and Sturm.)
- Sturmack Company. (See Schuh, Charles H., assignor.)
- Sturm, Howard, Bushton, Kans. Rubber tractor lug. 2,022,576; Nov. 26.
- Sturtevant, B. F., Company. (See Allen, George W., assignor.)
- Sturtevant, B. F., Company. (See Allen, G. W., and Salt, assignors.)
- Sturtevant, B. F., Company. (See Anderson, Samuel M., assignor.)
- Sturtevant, B. F., Company. (See Bergstrom, Carl O., assignor.)
- Sturtevant, B. F., Company. (See Bridges, Charles P., assignor.)
- Sturtevant, B. F., Company. (See Davis, Jesse H., assignor.)
- Sturtevant, B. F., Company. (See Ferre, Albert W., assignor.)
- Sturtevant, B. F., Company. (See Hagen, Harold F., assignor.)
- Sturtevant, B. F., Company. (See Higgins, Darragh L., assignor.)
- Sturtevant, B. F., Company. (See Keyes, Robert E., assignor.)
- Sturtevant Company, B. F., Inc. (See Anderson, Samuel M.)
- Sturtevant, Laurance H. (See Doyle, W. T., and T. J. and L. H. Sturtevant.)
- Sturtevant Mill Company. (See Doyle, W. T., and T. J. and L. H. Sturtevant, assignors.)
- Sturtevant Mill Company. (See Sturtevant, Thomas J., assignor.)
- Sturtevant, Thomas J. (See Doyle, W. T., and T. J. and L. H. Sturtevant.)
- Sturtevant, Thomas J., Wellesley, assignor to Sturtevant Mill Company, Boston, Mass. Air separator. 1,999,851; Apr. 30.
- Stüsser, Richard, Cologne-Deutz, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Preparing azodyestuffs. 1,995,553; Mar. 26.
- Stüsser, Richard, Cologne-Deutz-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Sulphonic acid of the benzene series. 1,998,563; Apr. 23.
- Stüsser, Richard, Cologne-Dentz, and K. Dobmaier, Leverkusen, and Richard Stroebel, Dusseldorf, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,014,484; Sept. 17.
- Stüssi, Rudolf, Glarus, Switzerland, assignor to Druckmaschinen Aktiengesellschaft, Glarus, Switzerland. Sheet feeding device for cylinder printing presses. 2,007,886; July 9.
- Stüssi, Rudolf, assignor to Druckmaschinen Aktiengesellschaft, Glarus, Switzerland. Sheet delivery device for cylinder printing presses. 2,025,481; Dec. 24.
- Stutsman, Abraham A., San Jose, Calif. Automatic boiler cleaner. 2,008,630; July 16.
- Stutz, Adam, Chicago, Ill. Cooler. 2,014,120; Sept. 10.
- Stutz, George F. A. (See Bunce, E. H., and Stutz.)
- Stutz, George F. A. (See Flynn, E. J., Stutz, and Schert-zinger.)
- Stutz, George F. A. (See Holstein, L. S., and Stutz.)
- Stutz, George F. A., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Manufacture of pigments. 2,006,187; June 25.
- Stutz, George F. A., and A. J. Myhren, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Zinc sulphide. 2,020,918; Nov. 12.
- Stutz, George F. A., and H. A. Dewep, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Treatment of pigments. 2,024,611; Dec. 17.
- Stutz, John C., Kansas City, Mo. Golf ball washer and drier. 2,005,115; June 18.
- Stutzenburg, Robert J., Philadelphia, Pa. Ball game apparatus. 1,999,548; Apr. 30.
- Stuyverson, William L., Elkhart, Ind. Coal feeder or stoker. 2,025,220; Dec. 24.
- Styer, Charles A., Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Gas concentration indicator. 1,997,659; Apr. 16.
- Stylepark Hats, Inc. (See Katz, Alfred, assignor.)
- Styll, Harry H., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 1,996,085; Apr. 2.
- Styll, Harry H., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 1,996,086; Apr. 2.
- Stylofed Corporation. (See Robbins, Jesse J., assignor.)
- Styri, Haakon. (See Larsson, J., and Styri.)
- Suarez, Manuel A., Havana, Cuba. Minerva printing press. 2,011,736; Aug. 20.
- Subkow, Philip. (See Merrill, D. R., and Subkow.)
- Sublette, Reyborn R. (See Bear, J. W., and Sublette.)
- Submarine Signal Company. (See Bates, Ralph E., assignor.)
- Submarine Signal Company. (See Clement, Ivan C., assignor.)
- Submarine Signal Company. (See Gifford, Wallace L., assignor.)
- Submarine Signal Company. (See Hart, Robert W., assignor.)
- Submarine Signal Company. (See Hedley, Elias, assignor.)
- Submarine Signal Company. (See Kallmeyer, Friedrich W., assignor.)
- Submarine Signal Company. (See Kuntze, Walter, assignor.)
- Submarine Signal Company. (See Kunze, Willy, assignor.)
- Submarine Signal Company. (See Schmutte, Theodor B., assignor.)
- Submarine Signal Company. (See Smith, Edward W., assignor.)
- Submarine Signal Company. (See Turner, Edwin E., Jr., assignor.)
- Submarine Signal Company. (See Williams, Robert L., assignor.)
- Submersible Motor Pump Co. Ltd. (See Coberly, Clarence J., assignor.)
- Suchland, John C., Lincoln Park, Mich. Trailer. 2,000,999; May 14.
- Suchy, Robert, and E. Reubke, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing dicalcium phosphate and fertilizers containing same. 2,021,527; Nov. 19.
- Suckfield, George A. (See Blest, M. C., and Suckfield.)
- Suckfield, George A., Avalon, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Car truck. 1,997,661; Apr. 16.
- Suckfield, George A., Avalon, assignor to Pressed Steel Car Company, McKees Rocks, Pa. Railway car truck. 1,997,662; Apr. 16.
- Suckfield, George A., Avalon, assignor to Pressed Steel Car Company, McKees Rocks, Pa. Car construction. 2,015,767; Oct. 1.
- Suckling, Harry. (See Paramor, J., and Suckling.)

- Suckow, Frederick G., Bowmansville, assignor to The Gould Coupler Company, New York, N. Y. Draft rigging. 1,998,468; Apr. 23.
- Sucky, Rudolph R., E. F. McGonigal, and E. Bargar, Blaine, Ohio. Gear shift lever switch. 2,005,483; June 18.
- Suekoff, Louis A., Wilmette, Ill. Spring assembly for upholstery and springs therefor. 2,021,528; Nov. 19.
- Suelflow, Alfred G., and C. C. Wolford, assignors to Felins Tying Machine Co., Milwaukee, Wis. Plant duster. 2,014,789; Sept. 17.
- Suenderhauf, Oscar L. (See Orr, S. A., and Suenderhauf.)
- Suenders, Walton D., Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Multiple needle sewing machine. 2,009,752; July 30.
- Suffern, Walter S., Belfast, Ireland, assignor to Fairbairn Lawson Combe Barbour Limited, Leeds, England. Apparatus for delivering slivers into sliver cans or other similar receptacles. 2,011,019; Aug. 13.
- Sugden, Albert, London, Ontario, Canada. Valve. 1,987,135; Jan. 8.
- Sugden, George F., Marple Bridge, assignor to Sodax (1929) Limited, London, England. Device for carbonating liquids in bottles. 2,018,424; Oct. 22.
- Sugden, Walter J. (See Drysdale, William D., assignor.)
- Sugihara, Saburo. (See Go, T., Kojima, and Sugihara.)
- Suhr, Herman, assignor to Acme Sheet Metal Works, Milwaukee, Wis. Drier. 2,018,505; Oct. 22.
- Suiter, William A., Rochester, assignor of one-fourth to J. Matheos and one-fourth to C. Matheos, Spencerport, N. Y. Apparatus for making ice cream suckers. 2,019,875; Nov. 5.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electric translating circuit. 1,989,500; Jan. 29.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Control system. 1,989,501; Jan. 29.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electrical system providing sequence operation. 1,991,232; Feb. 12.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electric circuit control means. 1,994,324; Mar. 12.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electric circuits. 1,994,325; Mar. 12.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electric circuit control means. 1,994,326; Mar. 12.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Railway signal system. 1,997,475; Apr. 9.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Control of constant current circuits. 2,006,970; July 2.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electric pulsating apparatus. 2,010,614; Aug. 6.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electrical system providing sequence operation. 2,011,380; Aug. 13.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electrical system providing sequence operation. 2,011,381; Aug. 13.
- Suits, Chauncey G., Schenectadv, N. Y., assignor to General Electric Company. Electric-circuit resistance-sensitive apparatus. 2,021,752; Nov. 19.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electric circuit control means. 2,021,753; Nov. 19.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electric circuit control means. 2,021,754; Nov. 19.
- Suits, Chauncey G., Scotia, N. Y., assignor to General Electric Company. Welding system. 2,000,723; May 7.
- Sukohl, Heinrich, Berlin-Waldmannslust, and L. Hoffman, Berlin-Hermsdorf, Germany. Aeronautical propeller. 1,987,760; Jan. 15.
- Sukumlyn, Thomas W., Los Angeles, Calif. Electron discharge tube. 1,987,136; Jan. 8.
- Sukumlyn, Thomas W., Los Angeles, Calif. Electron emission device. 2,005,330; June 18.
- Sulfo Corporation of America. (See Abrams, Victor R., assignor.)
- Sulfo Corporation of America. (See Abrams, V. R., and Hochwalt, assignors.)
- Sulfurit S. A. (See Rothammel, Erich, assignor.)
- Sullender, Walter C., St. Louis, Mo. Direction indicator for vehicles. 2,010,741; Aug. 6.
- Suller, John A., assignor of one-half to V. A. Virgallito, Cleveland, Ohio. Amplification means. 2,019,939; Nov. 5.
- Sullivan, Albert V., Redwood City, assignor to Pacific Can Company, San Francisco, Calif. Apparatus for making cans. 2,014,706; Sept. 17.
- Sullivan, Alexander H. (See McCullough, P. J., and Sullivan.)
- Sullivan, Doris M. (See Desmond, Cornelius J., assignor.)
- Sullivan, Frank J., Oshkosh, Wis. Door operating mechanism. 1,992,972; Mar. 5.
- Sullivan, Frank J., Oshkosh, Wis. Door-operating mechanism. 1,993,690; Mar. 5.
- Sullivan, Frank J., Oshkosh, Wis. Lock. 2,018,098; Oct. 22.
- Sullivan, Frederick W., Jr., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Dry cleaning fluid. 2,017,327; Oct. 15.
- Sullivan, Frederick W., Jr., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Polymerization of olefines. 2,022,221; Nov. 26.
- Sullivan, John. (See Peo, R. F., and Sullivan.)
- Sullivan, John D. (See Williams, C. E., and Sullivan.)
- Sullivan Machinery Company. (See Baldwin, Clyde P., assignor.)
- Sullivan Machinery Company. (See Boudette, Cornelius G., assignor.)
- Sullivan Machinery Company. (See Clapp, Lewis J., assignor.)
- Sullivan Machinery Company. (See Dovell, Dudley K., assignor.)
- Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)
- Sullivan Machinery Company. (See Halleck, Frank A., assignor.)
- Sullivan Machinery Company. (See Hauge, Andrew, assignor.)
- Sullivan Machinery Company. (See Holmes, Morris P., assignor.)
- Sullivan Machinery Company. (See Huffman, Mervin C., assignor.)
- Sullivan Machinery Company. (See Johansen, Harry C., assignor.)
- Sullivan Machinery Company. (See Marthinsen, Mads, assignor.)
- Sullivan Machinery Company. (See Maxson, Louis A., assignor.)
- Sullivan Machinery Company. (See Nichols, Edward L., assignor.)
- Sullivan Machinery Company. (See Osgood, Charles F., assignor.)
- Sullivan Machinery Company. (See Osgood, Robert C., assignor.)
- Sullivan Machinery Company. (See Reilly, John L., assignor.)
- Sullivan Machinery Company. (See Ross, John, assignor.)
- Sullivan Machinery Company. (See Sanford, John W., assignor.)
- Sullivan Machinery Company. (See Shaughency, Harvey C., assignor.)
- Sullivan Machinery Company. (See Sinclair, Frank E., assignor.)
- Sullivan Machinery Company. (See Wilcox, Albert C., assignor.)
- Sullivan Machinery Company. (See Wineman, Wade H., assignor.)
- Sullivan Machinery Company. (See Wyman, Charles W., assignor.)
- Sullivan Machinery Corporation. (See Paget, Win W., assignor.)
- Sullivan, Marlyan J., Atlanta, Ga. Electric lighting fixture. 2,022,222; Nov. 26.
- Sullivan, Michael D., and W. B. Campbell, Nashville, Tenn. Flushing apparatus. 2,017,263; Oct. 15.
- Sullivan, Michael J., Chicago, Ill. Time announcing device. 1,991,524; Feb. 19.
- Sullivan, Michael J., Chicago, Ill. Intermittent sound reproducing device. 1,998,105; Apr. 16.
- Sullivan, Pike H., New Rochelle, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Treatment of hydrocarbons. 2,017,874; Oct. 22.
- Sullivan, Raymond H., assignor to North East Appliance Corporation, Rochester, N. Y. Electromagnetic switch. 2,003,021; May 28.
- Sullivan, Robert J., Reading, Pa. Armor plate. 1,995,484; Mar. 26.
- Sullivan, Roy W. (See Booge, J. E., McKinney, and Sullivan.)
- Sullivan, Timothy F., San Francisco, Calif. Boring apparatus. 1,990,717; Feb. 12.
- Sullivan, Woodruff T. (See Johnson, H. D., Jr., and Sullivan.)
- Sulphide Corporation. (See Millar, William S., assignor.)
- Sulphide Corporation. (See Wescott, Ernest W., assignor.)
- Sulphur and Smelting Corporation. (See Wescott, Ernest W., assignor.)
- Sulprizio, Deuta, Oakland, Calif. Piston mold apparatus. 2,015,975; Oct. 1.
- Sultz, Morton, Mount Vernon, N. Y., and L. K. Swart, Mountain Lakes, N. J., assignors to American Telephone and Telegraph Company. Control system. 1,994,624; Mar. 19.
- Sulzberger, Nathan, New York, N. Y. Refrigerator. 2,024,612; Dec. 17.
- Sulzer Frères Société Anonyme. (See Egloff, Hans C., assignor.)
- Sulzer Frères Société Anonyme. (See Hefti, Wilhelm, assignor.)
- Sulzer Frères Société Anonyme. (See Kägi, Emil, assignor.)
- Sulzer Frères Société Anonyme. (See Lieberherr, Arthur, assignor.)
- Sulzer Frères Société Anonyme. (See Luchsinger, Emil, assignor.)
- Sulzer Frères Société Anonyme. (See Schaer, Charles, assignor.)
- Sulzer Frères Société Anonyme. (See Simmen, Oscar, assignor.)

- Sulzer Frères Société Anonyme. (See Steiner, Hans, assignor.)
- Sulzer Freres Societe Anonyme, Firm. (See Atteslander, Edouard, assignor.)
- Sulzner, Charles F. (See Broadhurst, J., and Sulzner.)
- Sumerfield, Thomas G., assignor to Schutte & Koerting Company, Philadelphia, Pa. Fluid cooler or heat exchanger. 2,012,920; Aug. 27.
- Sumi, Rikichi, Ohta Odamura Kawabegun Hyogoken, and N. Sasayama, Kitanagasadori Koboku Kobe, Japan. Automobile parking and storage machine. 2,024,190; Dec. 17.
- Summer, Frank S., Long Beach, N. Y. Gas-control mechanism. 1,993,077; Mar. 5.
- Summer, Raymond H. (See La Motte, A., Summer, and Ward.)
- Summerfield, Joseph. (See Fox, W. A., and Donovan, assignors.)
- Summerlee, Joseph A., and D. P. Rowland, assignors to Burroughs Adding Machine Company, Detroit, Mich. Typewriter. 2,023,713; Dec. 10.
- Summers, Austin P. (See Bostrom, A. E., and Summers.)
- Summers, Fred, St. Joseph, Mo. Overall buckle. 1,993,691; Mar. 5.
- Summers, Louis D., Jr. (See Summers, Louis D., Sr., and L. D., Jr.)
- Summers, Otto M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,005,057; June 18.
- Summers, Percival A. (See Davies, B. S., and Summers.)
- Summey, David L., deceased, The Colonial Trust Company and R. P. W. Summey, executors, assignors to Scovill Manufacturing Company, Waterbury, Conn. Mold. 1,988,425; Jan. 15.
- Summey, David L., Waterbury, Conn., deceased; by The Colonial Trust Company, Waterbury, Conn., and R. P. Weeks Summey, New York, N. Y., executors, assignors to Scovill Manufacturing Company, Waterbury, Conn. Method of and apparatus for forming a refractory lining. 2,008,732; July 23.
- Summey, Richard P. W., et al., executors. (See Summey, David L.)
- Summit Thread Company. (See Johnson, Henry G., assignor.)
- Sun Oil Company. (See Angstadt, Harry F., assignor.)
- Sun Oil Company. (See Pew, Arthur E., Jr., assignor.)
- Sun Oil Company. (See Thayer, Clarence H., assignor.)
- Sun Rubber Company, The. (See Lower, Melvin S., assignor.)
- Sun Tube Corporation, The. (See Fridén, John H., assignor.)
- Sun-A-Sured, Inc. (See Knudson, Arthur, assignor.)
- Sunbeam Electric Manufacturing Company. (See Richard, William E., assignor.)
- Sunbeam Motor Car Company Limited. (See Morris, John, assignor.)
- Sunbrite Corporation. (See Snowden, Frederick E., assignor.)
- Sund, Alfred D., Santa Rosa, Calif. Dust mop bumper. 2,021,335; Nov. 19.
- Sundahl, Clarence, Kansas City, Mo. Golf ball cleaner. 1,991,183; Feb. 12.
- Sunday, James J., Jackson, Mich. Automobile heater. 1,998,974; Apr. 23.
- Sunday, James J., Detroit, Mich. Automotive vehicle heating system. 2,026,072; Dec. 31.
- Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Separable fastener. 1,992,253; Feb. 26.
- Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Making fasteners. 1,992,254; Feb. 26.
- Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Method and machine for making fasteners. 2,001,591; May 14.
- Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Separable fastener. 2,018,099; Oct. 22.
- Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Tumbling method and apparatus. 2,024,310; Dec. 17.
- Sundberg, Carl E., Quincy, assignor to Albert & J. M. Anderson Manufacturing Company, South Boston, Mass. Time switch. 1,997,089; Apr. 9.
- Sundberg, Karl, and E. H. L. Hedström, assignors to Aktiebolaget Elektrisk Malmletning, Stockholm, Sweden. Method of and apparatus for electrical investigation of rock drill holes. 1,996,530; Apr. 2.
- Sundbom, Chester A., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Bucket conveyor. 1,987,274; Jan. 8.
- Sunderland, Charles C., New Brunswick, assignor to John A. Roebing's Sons Company, Trenton, N. J. Suspension bridge. 2,011,168; Aug. 13.
- Sunderland, Charles C., New Brunswick, assignor to John A. Roebing's Sons Company, Trenton, N. J. Wire rope making machine and method. 2,012,026; Aug. 20.
- Sunderman, Frederick R., assignor, by mesne assignments, to Harry Goldman, New York, N. Y. Torch. 1,991,638; Feb. 19.
- Sundermann, H. Henry, executor. (See Klausmeyer, David C.)
- Sundermann, H. Henry, executor. (See Klausmeyer, D. C., and Sosa.)
- Sundhausen, Hermann, assignor to Rheinische Metallwaren-und Maschinenfabrik, Dusseldorf-Derendorf, Germany. Ward-Leonard control system. 1,998,209; Apr. 16.
- Sundquist, Chester R. (See Schweitzer, R. R., and Sundquist.)
- Sundstrand, Carl A., Rockford, Ill. Nut chopper. 2,001,075; May 14.
- Sundstrand, Gustaf D., deceased, by P. Sundstrand, executrix, assignor to Sundstrand Machine Tool Co., Rockford, Ill. Control mechanism for machine tools. 1,987,450; Jan. 8.
- Sundstrand, Gustaf D., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Machine tool. 2,011,836; Aug. 20.
- Sundstrand Machine Tool Co. (See Buell, Timothy B., assignor.)
- Sundstrand Machine Tool Co. (See Dumser, Leo A., assignor.)
- Sundstrand Machine Tool Co. (See Dumser, L. A., and Floody, assignors.)
- Sundstrand Machine Tool Co. (See Dumser, L. A., and Schroeder, assignors.)
- Sundstrand Machine Tool Co. (See Jackson, Paul S., assignor.)
- Sundstrand Machine Tool Co. (See Sundstrand, Gustaf D., assignor.)
- Sundstrand Machine Tool Co. (See Swanson, Fred R., assignor.)
- Sundstrand, Oscar J., Rockford, Ill., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Transfer mechanism. 2,004,495; June 11.
- Sundstrand, Oscar J., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Control of printing means. 2,011,306; Aug. 13.
- Sundstrand, Oscar J., Rockford, Ill., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Automatic starting means for printing and/or computing machines. 2,020,664; Nov. 12.
- Sundstrand, Oscar J., Rockford, Ill., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Computing machine. 2,021,618; Nov. 19.
- Sundstrand, Oscar J., Rockford, Ill., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Paper carriage drive. 2,023,294; Dec. 3.
- Sundstrand, Pearl, executrix. (See Sundstrand, Gustaf D.)
- Sundstrom, John H., Lakewood, Ohio. Bathtub inclosure. 1,995,045; Mar. 19.
- Sun-Maid Raisin Growers of California. (See Forrest, Thomas W. W., assignor.)
- Sunnen, Joseph, Kirkwood, Mo. Pinhole grinder mandrel. 1,989,831; Feb. 5.
- Sunnen, Joseph, Kirkwood, Mo. Fabricating structural members. 1,995,368; Mar. 26.
- Sunnen, Joseph, Kirkwood, Mo. Grinding machine guide block. 2,002,649; May 28.
- Sunnen, Joseph, Kirkwood, Mo. Combined valve lifter and spring compressor. 2,004,590; June 11.
- Sunnen, Joseph, Kirkwood, Mo. Bending tool. 2,016,463; Oct. 8.
- Sunnen, Joseph, Kirkwood, Mo. Guide block for engine cylinder grinding machines. 2,020,589; Nov. 12.
- Sunner, Carl N., et al. (See Erickson, Ovi, assignor.)
- Sunskes, Max, New York, N. Y. Amusement device. 2,004,591; June 11.
- Super Diesel Tractor Corporation. (See Scott, Philip L., assignor.)
- Superheater Company, The. (See Armacost, Wilbur H., assignor.)
- Superheater Company, The. (See Attschuler, William H., assignor.)
- Superheater Company, The. (See Barnes, John A., assignor.)
- Superheater Company, The. (See Birmingham, Thomas F., assignor.)
- Superheater Company, The. (See Clauss, Harold A., assignor.)
- Superheater Company, The. (See Cooper, Roland S., assignor.)
- Superheater Company, The. (See Epley, Frederic I., assignor.)
- Superheater Company, The. (See Frank, Herbert, assignor.)
- Superheater Company, The. (See Gates, Robert M., assignor.)
- Superheater Company, The. (See Gordon, Charles W., assignor.)
- Superheater Company, The. (See Haak, F., and Smith, assignors.)
- Superheater Company, The. (See Hard, Malcolm, assignor.)
- Superheater Company, The. (See Hardy, Charles R., assignor.)
- Superheater Company, The. (See Henkel, E., Williams, and Ostermann, assignors.)
- Superheater Company, The. (See Hinkel, E., and Nehrbaas, assignors.)
- Superheater Company, The. (See Huet, André, assignor.)
- Superheater Company, The. (See Kershaw, George E., assignor.)

- Superheater Company, The. (See Miller, Charles J., assignor.)
- Superheater Company, The. (See Ostermann, Rudolf M., assignor.)
- Superheater Company, The. (See Ostermann, Rudolf M. and H., assignors.)
- Superheater Company, The. (See Powell, J. A., and Armacost, assignor.)
- Superheater Company, The. (See Rawson, Emanuel, assignor.)
- Superheater Company, The. (See Rawson, E., and Griffin, assignors.)
- Superheater Company, The. (See Sengstaken, John H., assignor.)
- Superheater Company, The. (See Smith, Bert, assignor.)
- Superheater Company, The. (See Williams, Arthur, assignor.)
- Superior Body Company. (See Paul, Sydney, assignor.)
- Superior Cement Corporation. (See Loghry, Leveritt I., assignor.)
- Superior Cement Corporation. (See Sexton, August H., assignor.)
- Superior Engine Company. (See Nolte, George F., assignor.)
- Superior Engine Company. (See Sleffel, Charles C., assignor.)
- Superior Felt and Bedding Co. (See Bowersox, Joseph W., assignor.)
- Superior Metal Products Company. (See Demers, Isafe J. B., assignor.)
- Superior Seal & Stamp Company. (See MacKenzie, Edna H., assignor.)
- Superior Steel Corporation. (See Frost, Frank R., assignor.)
- Superior Trademark Manufacturing Co. (See Lohmann, Oscar F., assignor.)
- Super Mold Corporation. (See Thurman, William B., assignor.)
- Super Mold Corporation. (See Woock, Herbert J., assignor.)
- Super Mold Corporation. (See Woock, H. J., and Glynn, assignors.)
- Superstat Company. (See Smith, Hazor J., assignor.)
- Suplizeau, Charles L. H., Malakoff, and R. R. J. Guyot, Chatillou sous Bazneux, France. Inking device. 2,013,812; Sept. 10.
- Supplee, George C. (See Ansbacher, S., Flanigan, and Supplee.)
- Supplee, George C. (See Flanigan, G. F., and Supplee.)
- Supplee, George C., and G. E. Flanigan, Bainbridge, assignors to The Borden Company, New York, N. Y. Making vitamin-containing material. 2,006,699; July 2.
- Supplee, George C., G. E. Flanigan, and R. C. Bender, Bainbridge, assignors to The Borden Company, New York, N. Y. Production of vitamin free casein. 2,006,700; July 2.
- Supra Electra Motors Limited. (See Zetsche, Jonni, assignor.)
- Supreme Instruments Corporation. (See Fausett, Floyd, assignor.)
- Supreme Knitting Machine Co. (See Agulnek, Harry, assignor.)
- Surdy, Charles J. (See Ketchpel, P. A., and Surdykowski.)
- Surdy, Charles J. (See Surdykowski, C. J., and Ketchpel.)
- Surdy, Charles J., by official change of name from Surdykowski. (See Surdykowski, Charles J.)
- Surdykowski, Charles J., now by judicial change of name Charles J. Surdy. (See Ketchpel, P. A., and Surdykowski.)
- Surdykowski, Charles J., Tuckahoe, N. Y., and P. A. Ketchpel, West Englewood, N. J., said Surdykowski now by judicial change of name Charles J. Surdy, assignors to Standard Stoker Company, Inc. Stoker. 1,994,258; Mar. 12.
- Sure, Barnett, Fayetteville, Ark., and E. H. Stuart, Indianapolis, Ind., said Stuart assignor to said Sure. Extraction and concentration of vitamins. 2,015,876; Oct. 1.
- Suren, Nathan H., and H. S. Smith, Needham, assignors to The Gamewell Company, Newton Upper Falls, Mass. Signal transmitter. 1,986,026; Jan. 1.
- Surety Products Company. (See Rothweiler, Edward B., assignor.)
- Surface Combustion Corporation. (See Branche, Nelson T., assignor.)
- Surface Combustion Corporation. (See Cone, Carroll, assignor.)
- Surface Combustion Corporation. (See Cochran, R. S., and Moser.)
- Surface Combustion Corporation. (See de Coriolis, E. G. and Schramm, assignors.)
- Surface Combustion Corporation. (See Hepburn, William M., assignor.)
- Surface Combustion Corporation. (See Hepburn, W. M., and de Coriolis, assignors.)
- Surface Combustion Corporation. (See Masteller, Carl H., assignor.)
- Surface Combustion Corporation. (See Weller, Harvey C., assignor.)
- Surry, Anderson, assignor of thirty-one and one-fourth per cent to C. G. Bennett, Monroe, La. Furnace construction. 1,993,251; Mar. 5.
- Süs, Oskar. (See Schmidt, M. P., Süs, and Franke.)
- Süs, Oskar, Wiesbaden-Biebrich, assignor to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Light sensitive layers. 2,025,675; Dec. 24.
- Susie, Fred, and H. Reingardt, Marshalltown, Iowa. Cover and locking device for containers. 2,012,919; Aug. 27.
- Sussberg, Victor L., New York, N. Y. Slip. 1,995,212; Mar. 19.
- Süssenguth, Otto, Erkner, near Berlin, assignor to Bakelite Gesellschaft mit beschränkter Haftung, Berlin, Germany. Synthetic resin and making the same. 1,989,951; Feb. 5.
- Süssenguth, Otto, Erkner, near Berlin, Germany, assignor, by mesne assignments, to Bakelite Corporation, New York, N. Y. Making molded articles from urea or its derivatives, solid polymeric aldehydes and filling bodies. 1,996,087; Apr. 2.
- Süssenguth, Otto, Erkner, near Berlin, Germany, assignor, by mesne assignments, to Bakelite Corporation, New York, N. Y. Producing molded articles from urea or its derivatives and solid polymeric aldehydes. 2,007,987; July 16.
- Sussi, Marino. (See Pasciutti, L., and Sussi.)
- Sussman, Alexander, New Milford, Conn. Gas saving plate. 1,995,591; Mar. 26.
- Sussman, Julius L., Great Neck, N. Y. Apparatus for manufacturing pipes or tubes. 2,024,485; Dec. 17.
- Sussman, Leon, Brooklyn, N. Y. Curtain construction. 1,990,313; Feb. 5.
- Sussman, Morris, Bronx, N. Y. Combination ash tray and pipe cleaner. 1,998,742; Apr. 23.
- Sussman, Samuel, Haverhill, assignor to T. J. Edwards Inc., Boston, Mass. Marking device for marking the opposite sides of shoe upper blanks simultaneously. 2,025,022; Dec. 17.
- Süssmuth, Karl W., Langenau, near Ulm, Germany. Beverage product. 2,001,554; May 14.
- Sustersic, Ferdinand, Slezka Ostrava, Czechoslovakia. Steering means. 2,022,987; Dec. 3.
- Sutcliffe, Adam A., et al. (See Hays, Clifton E., assignor.)
- Sutcliffe, Marcus A., et al. (See Hays, Clifton E., assignor.)
- Suter, Claude D., Brunswick, Ga. Cut flower holder. 1,993,692; Mar. 5.
- Suter, Eugene F., New York, N. Y., assignor to Eugene, Ltd. Hair drier. 1,987,425; Jan. 8.
- Suter, Richard. (See Niederhauser, Jacob, assignor.)
- Suter, Samuel G. (See Stupakoff, S. H., Fallon, and Suter.)
- Sutherland Paper Company. (See Brooks, Lewis C., assignor.)
- Sutherland Paper Company. (See Harvey, George L., assignor.)
- Sutherland Paper Company. (See McAleer, Charles F., assignor.)
- Sutherland Paper Company. (See Rutledge, Robert E., assignor.)
- Sutherland Paper Company. (See Wilson, Dorian M., assignor.)
- Sutherland, Wallace B., Suffern, N. Y., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe. 1,987,875; Jan. 15.
- Sutherland, William F. (See Ambuhl, F. F., and Sutherland.)
- Sutherland, William H., York, and C. L. Ellis, Bradford Hills, said Ellis assignor to Downingtown Manufacturing Company, Downingtown, Pa. Board machine. 1,996,661; Apr. 2.
- Sutliff, James T. (See Simpson, J. W. and Sutliff.)
- Sutcliffe, Frank C., assignor to William Joyner, San Francisco, Calif. Hypodermic injector. 2,000,262; May 7.
- Sutter, Charles, Suresnes, France, assignor to Societe Anonyme Des Anciens Etablissements Hotchkiss & Cie, Lavallois-Perret, Seine, France. Firearm. 2,010,742; Aug. 6.
- Sutter, Ernst, Berthoud, Switzerland. Apparatus for increasing the fluidity of cheese. 2,006,876; July 2.
- Sutter, Fritz D., Seattle, Wash. Ventilating means for inclosed automobile bodies. 1,992,584; Feb. 26.
- Sutter, Louis M., Oakland, Calif. Display box. 2,002,618; May 28.
- Sutter, Samuel, Germantown, Pa. Adjustable sliding frame for air hammers. 1,993,760; Mar. 12.
- Sutter, Theodor, assignor to firm Society of Chemical Industry in Basle, Basel, Switzerland. Polynuclear aromatic amino-bases, and making same. 1,999,069; Apr. 23.
- Sutter, Theodor, Basel, and W. Wieland, Riehen, near Basel, assignors to firm Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of synthetic resinous products. 2,013,589; Sept. 3.
- Sutton, George L. (See Lake, S., and Sutton.)
- Sutton, Harry G., Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Drying means for garment presses and the like. 1,988,635; Jan. 22.
- Sutton, O. A., et al. (See Travis, Alvin J., assignor.)
- Sutton, Oda et al. (See Travis, Alvin J., assignor.)
- Sutton, Robert J., Wooster, Ohio, assignor to Edison General Electric Appliance Company, Chicago, Ill. Electric heater. 1,992,787; Feb. 26.
- Sutton, Robert J., Wooster, Ohio, and J. R. Fritze, Western Springs, assignors to Edison General Electric Appliance Company, Inc., Chicago, Ill. Increasing the electrical resistance of fused magnesium oxide. 2,012,897; Aug. 27.
- Sutton, Robert W. (See Finch, G. I., and Sutton.)
- Sutton Tool Co. (See Lundgren, William E., assignor.)
- Sutton, Walter C. (See Crossman, F., and Sutton.)

- Suwerkup, Herbert F. (See Williamson, C. J., and Suwerkup.)
- Suvorov, Alexander. San Francisco, Calif. Dump body. 2,014,121; Sept. 10.
- Suydam, Clinton H., East Orange, assignor to International Communications Laboratories, Inc., Newark, N. J. Radio amplifier. 2,008,996; July 23.
- Suzuki, Fujio. (See Fuwa, K., and Suzuki.)
- Suzuki, Tomiji, Hitachi-Machi, Taga-Gun, Ibaraki, assignor to Nihon Kogyo Kabushiki, Kaisha, Tokyo, Japan. Rock drill. 1,995,230; Mar. 19.
- Swance, Hans, Fairville, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Heat recovery system. 1,988,759; Jan. 22.
- Svatos, Joseph, Jr. (See Svatos, Joseph, assignor.)
- Svatos, Joseph, assignor of one-fourth to J. Svatos, Jr., Yankton, S. Dak. Earth working implement. 2,003,871; June 4.
- Svedellus, Lorentz D., Melbourne, Fla. Toilet seat lifter. 1,999,070; Apr. 23.
- Sveinsson, Louis, Shamokin, Pa. Feathering propeller. 2,016,842; Oct. 8.
- Svejdá, Jaroslav A., Baltimore, Md. Automatic flush valve. 1,987,843; Jan. 15.
- Svensden, Svend S., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Decomposing and further treating material containing titanium oxide. 1,995,334; Mar. 26.
- Svensden, Svend S., Chicago, Ill., assignor to Clay Reduction Company. Manufacture of alums. 2,022,012; Nov. 26.
- Svenska Akkumulator Aktiebolaget Jungner. (See Gustafsson, Nils G. A., assignor.)
- Svenska Akkumulator Aktiebolaget Jungner. (See Mandahl, Thor F., assignor.)
- Svenska Aktiebolaget Gasakkumulator. (See Dalén, G., and Björklund, assignors.)
- Svenska Tändsticks Aktiebolaget. (See König, R., and Földi, assignors.)
- Svenson, Ernest J., et al. (See Wahlmark, Gunnar A., assignor.)
- Svenson, Ernest J., Rockford, Ill. Fluid controlling means. 1,986,862; Jan. 8.
- Svenson, Ernest J., Rockford, Ill. Plunger pump. 1,989,117; Jan. 29.
- Svenson, Ernest J., Rockford, Ill. Adjustable rotary mechanism. 1,989,118; Jan. 29.
- Svenson, Ernest J., Rockford, Ill. Material working apparatus. 1,994,079; Mar. 12.
- Svenson, Ernest J., Rockford, Ill. Fluid transmission. 2,004,399; June 11.
- Svenson, Ernest J., Rockford, Ill. Valve. 2,013,073; Sept. 3.
- Svensson, Henry, Gothenburg Providence, Sweden, assignor to Monad Corporation, Chicago, Ill. Speed changing device. 1,995,333; Mar. 26.
- Svensson, Henry, Gothenburg, Sweden, assignor to Monad Corporation, Chicago, Ill. Motion changing device. 1,996,938; Apr. 9.
- Svensson, Svante, Tidavä, Sweden. Mowing machine. 2,015,203; Sept. 24.
- Svoboda, Frank C., San Diego, Calif. Vehicle direction signal. 1,987,086; Jan. 8.
- Svoboda, John F. (See Neitz, J. J., and Svoboda.)
- Sworen, Martin J., assignor to Allover Manufacturing Co., Racine, Wis. Bull ring. 1,995,783; Mar. 26.
- Swadener, John L., Greenville, Ohio. Telephone alarm system. 1,992,255; Feb. 26.
- Swaggerty, Stuart B., Nashville, Tenn. Crupper. 1,991,299; Feb. 12.
- Swahnberg, Gunnar. (See Kingsbury, E. J., and Swahnberg.)
- Swahnberg, Gunnar, assignor to Kingsbury Machine Tool Corporation, Keene, N. H. Mechanical movement for turret and like devices. 2,011,488; Aug. 13.
- Swahnberg, Gunnar, assignor to Kingsbury Machine Tool Corporation, Keene, N. H. Driving mechanism for turrets and like apparatus. 2,021,030; Nov. 12.
- Swaim, Marvin W., Alton, Ill. Shipping case. 2,024,075; Dec. 10.
- Swain, Roy E., Huntington Park, Calif. Making molded articles. 2,020,590; Nov. 12.
- Swaine, Percy, Scarborough, England. Telephone set. 2,020,527; Nov. 12.
- Swall, Frank. (See Coleman, J., and Swall.)
- Swallen, Lloyd C., and K. M. Irey, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Synthetic resin and making same. 1,993,700; Mar. 5.
- Swallow, Francis P. (See Swift, W. E., and Swallow.)
- Swallow, William, Headington, Oxford, assignor to The Pressed Steel Company of Great Britain, Limited, Cowley, Oxford, England. Vehicle. 2,012,057; Aug. 20.
- Swan, Alfred H., Los Angeles, Calif. Fountain pen. 1,987,646; Jan. 15.
- Swan, Andrew, and W. Helmore, Hampshire, England. Induction system for internal combustion engines. 2,001,164; May 14.
- Swan Carburetor Company, The. See Swan, John W., assignor.)
- Swan, Carl E. (See Mott, John L., assignor.)
- Swan, Carl W., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 1,959,716; Feb. 6.
- Swan Cleaners & Furriers. (See Backer, William, assignor.)
- Swan, Harry L., Hot Springs, Ark. Rotary pump. 1,997,350; Apr. 9.
- Swan, Henry B., Wadhams, N. Y. Power driven eraser for typewriters. 1,992,679; Feb. 26.
- Swan, Hunter & Wigham Richardson Limited. (See McBain, William, assignor.)
- Swan, John W., Sarasota, Fla., assignor to The Swan Carburetor Company, Cleveland, O. Intake manifold. 2,013,737; Sept. 10.
- Swan, Joseph H., 3d, assignor to The Gardner-Richardson Company, Middletown, Ohio. Paper manufacture. 1,997,984; Apr. 16.
- Swan, Joseph H., 3d, assignor to The Gardner-Richardson Company, Middletown, Ohio. Coating composition. 2,025,788; Dec. 31.
- Swan, Peter, Portland, Oreg. Water heater. 2,015,296; Sept. 24.
- Swank, Arthur L., Detroit, Mich. Combined radiator cap and pressure relief valve. 2,006,752; July 2.
- Swann Fertilizer Company. (See Klugh, Bethune G., assignor.)
- Swann Research, Incorporated. (See Booth, Charles F., assignor.)
- Swann Research, Incorporated. (See Gerber, Arthur B., assignor.)
- Swann Research, Incorporated. (See Jenkins, Russell L., assignor.)
- Swann Research, Inc. (See Logue, P., and Pritchard, assignors.)
- Swann Research, Incorporated. (See Masin, Jacob S., assignor.)
- Swann Research, Incorporated. (See McCullough, Campbell R., assignor.)
- Swann Research, Incorporated. (See Moose, J. E., and Malowan, assignors.)
- Swann Research, Inc. (See Moss, H. V., and Snell, assignors.)
- Swann Research, Incorporated. (See Udy, Marvin J., assignor.)
- Swanson, Albert. (See Bennett, C. W., and Swanson.)
- Swanson, Alex E., Chicago, Ill., assignor to E. R. Moore Company, Garment. 2,010,903; Aug. 13.
- Swanson, Alvin J. (See Voeller, Jacob H., assignor.)
- Swanson, Bror J., assignor, by mesne assignments, to Landstrom Furniture Corporation, Rockford, Ill. Draw table. 2,017,298; Oct. 15.
- Swanson, Carl O., Minneapolis, Minn. Antidrip milk bottle. 2,012,487; Aug. 27.
- Swanson, Clarence S., Chicago, Ill., and D. R. Cornell and C. A. Aldrin, East Chicago, Ind., assignors to Standard Forgings Company, Chicago, Ill. Crank shaft forming machine. 2,018,931; Oct. 29.
- Swanson, Earl C., assignor to Andersen Frame Corporation, Bayport, Minn. Window construction. 2,003,982; June 4.
- Swanson, Edwin C. (See Abramson, J. H., and Swanson.)
- Swanson, Ernest G., Upper Darby, Pa., assignor to General Electric Company. Electrical connection. 2,007,778; July 9.
- Swanson, Ernest R., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Cop tube holder. 1,994,118; Mar. 12.
- Swanson, Ernest R., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 2,021,031; Nov. 12.
- Swanson, Ernest R., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Yarn controller for creels and like apparatus. 2,021,032; Nov. 12.
- Swanson, Fred R., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Rotatable work table. 2,002,442; May 21.
- Swanson, Hilbert E. (See Seyferth, C. G., and Swanson.)
- Swanson, Hjalmar A., assignor to Cummins Perforator Company, Chicago, Ill. Check indorsing and signing machine. 1,992,256; Feb. 26.
- Swanson, Kenneth P. (See Morick, J. A., and Swanson.)
- Swanson, Raymond E., assignor to A. D. Cook, Inc., Lawrenceburg, Ind. Pump head. 1,998,414; Apr. 16.
- Swanson, Stanley S., assignor to Deere & Company, Moline, Ill. Spreader. 2,015,245; Sept. 24.
- Swanson, Sven A., Parkland, Wash. Lath and wall construction embodying same. 2,013,255; Sept. 3.
- Swanson, Sven V., Hartford, Conn. Cover rack. 1,986,486; Jan. 1.
- Swanson, Swan J., assignor of three-eighths to C. S. Eggenmann and one-eighth to R. H. Bloeser, St. Louis, Mo. Single phase motor. 1,992,725; Feb. 26.
- Swanson, Wilbur L., Dayton, Ohio. Bib coupling. 1,996,218; Apr. 2.
- Swanstrom, Carl A., assignor to Elastic Stop Nut Corporation, Newark, N. J. Making nuts. 1,990,718; Feb. 12.
- Swanstrom, Lars, Artland, Saskatchewan, Canada. Emasculating pincers. 2,009,302; July 23.
- Sward, Cecil W., assignor to G. & W. Electric Specialty Co., Chicago, Ill. Terminal for electrical conductors and the like. 2,001,636; May 15.
- Swarovski, Daniel Wattens, Tyrol, Austria. Manufacturing new articles of jewelry and ornaments. 1,997,500; Apr. 9.
- Swart, Leland K. (See Sultz, M., and Swart.)
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Electrical protective system. 2,021,268; Nov. 19.

- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Electrical protective system. 2,021,269; Nov. 19.
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Electrical protective system. 2,021,270; Nov. 19.
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Signaling system employing glow discharges. 2,025,912; Dec. 31.
- Swartwout Company, The. (See Fraser, Howard S., assignor.)
- Swartwout Company, The. (See Mastenbrook, Henry J., assignor.)
- Swartwout, Everett W., White Plains, N. Y. Governor-meter. 1,986,986; Jan. 8.
- Swartwout, Everett W., Scarsdale, N. Y. Compressor. 2,003,476; June 4.
- Swartz, Arthur, Detroit, Mich. Hub lock for automobiles. 2,012,735; Aug. 27.
- Swartz, Arthur, Detroit, Mich. Hub cap and lock for the same. 2,024,668; Dec. 17.
- Swartz, Charles, New York, N. Y. Lip guard. 2,010,779; Aug. 6.
- Swartz, Charles G. (See Swartz, William H. and C. G.)
- Swartz, Guy E., Detroit, Mich. Power clamping device. 2,007,483; July 9.
- Swartz, Guy E., Detroit, Mich. Driving-locking mechanism. 2,019,327; Oct. 29.
- Swartz, Guy E., Detroit, Mich. Clamping device. 2,021,336; Nov. 19.
- Swartz, William H. and C. G., assignors to General Machine Works, Inc., York, Pa. Variable stroke pump. 1,998,772; Apr. 23.
- Swartzell, Wilbur M., assignor of one-half to R. R. Page, Crestwood, N. Y. Rocker arm for overhead valve gas engines. 2,024,401; Dec. 17.
- Swavely, Daniel T. (See Byers, J. M., and Swavely.)
- Swaysland, William, assignor to Craftint Manufacturing Company, Cleveland, Ohio. Method and article for producing designs. 2,021,816; Nov. 19.
- Swayzee, Jesse E., West, Miss. Game playing board. 1,988,988; Jan. 22.
- Swany, Clyde T., Kansas City, Kans. Self-propelled scooter vehicle. 1,998,293; Apr. 16.
- Swearingen, Garrett V., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Vessel lining. 2,006,331; June 25.
- Sweda, Michael, et al. (See Anderson, Dave, assignor.)
- Swedeland, Adolf, Denver, Colo. Can punching and sealing means. 1,999,521; Apr. 30.
- Swedish American Prospecting Corporation. (See Zuschlag, Theodor, assignor.)
- Sweeley, Edward A., Alexandria, Va., and N. T. Anderson, Washington, D. C. Icing chamber for railway refrigerator cars and other structures. 2,012,459; Aug. 27.
- Sweeley, Edward A., Alexandria, Va., and N. T. Anderson, Washington, D. C. Refrigerating structure. 2,017,172; Oct. 15.
- Sweeney-Block & Co. (See Sweeney, Frank E., assignor.)
- Sweeney, David, Maywood, Ill. Beer dispensing equipment. 2,001,040; May 14.
- Sweeney, Edwin V. (See Peterson, T. H., and Sweeney.)
- Sweeney, Frank E., Roselle, N. J., assignor to Sweeney-Block & Co., Inc., New York, N. Y. Closure. 2,000,795; May 7.
- Sweeney, James C., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Metal bending machine. 2,018,040; Oct. 22.
- Sweeney, Orland R., Ames, Iowa, and T. B. Clark, Rockford, Ill., assignors, by mesne assignments, to The Permutit Company, (1934), Wilmington, Del. Indicator for zeolite softeners. 2,003,760; June 4.
- Sweeney, Orland R., F. C. Vilbrandt, H. H. Beeson, and H. A. Montgomery, Ames, Iowa, assignors to Hanlon-Buchanan, Inc., Tulsa, Okla. Separating products obtained in the oxidation of hydrocarbons. 2,024,954; Dec. 17.
- Sweeper-Vac Company. (See Wassall, Allen D., assignor.)
- Sweet, Andrew D., Portland, Maine. Insulator for kitchen ranges. 2,016,729; Oct. 8.
- Sweet, Arthur J., West Caldwell, N. J., assignor to Westinghouse Lamp Company. Ceiling lighting unit. 1,992,973; Mar. 5.
- Sweet, Arthur J., West Caldwell, N. J., assignor to Westinghouse Lamp Company. Indoor lighting unit. 1,993,597; Apr. 2.
- Sweet, Everett L., Poughkeepsie, N. Y. Card game. 1,994,053; Mar. 12.
- Sweet, Frederick D. (See Foster, W. D., and Sweet.)
- Sweet, Harold E. (See Baker, Kenneth H., assignor.)
- Sweet, Harold E. (See Feid, Charles, assignor.)
- Sweet, Harold E. (See Feid, C., and Mealy.)
- Sweet, Harold E. (See Woodward, Oswin C., assignor.)
- Sweet, Laurence A., Huntington Park, Calif., assignor to L. K. Franklin, Chicago, Ill. Cap for radiators and the like. 1,999,119; Apr. 23.
- Sweeten, Allen W. (See Borden, M. M., and Sweeten.)
- Sweetland, Earl. (See Van der Cook, R. E., and Sweetland.)
- Sweetland, Ernest J., Piedmont, Calif. Water filtering and cooling means. 2,022,164; Nov. 26.
- Sweets Company of America, Inc. (See Stout, O. M., and Hover, assignors.)
- Sweets Laboratories, Inc. (See Barker, John O., assignor.)
- Sweitzer, Carl W., Pittsburgh, Pa., assignor to Columbian Carbon Company and Binney & Smith Company, New York, N. Y. Lacquer. 1,987,980; Jan. 15.
- Sweney, Helene L., Nahant, Mass. Game. 1,997,501; Apr. 9.
- Swennes, Benjamin A., Rockford, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Propeller shaft. 2,001,165; May 14.
- Swennes, Benjamin A., Rockford, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Propeller shaft. 2,001,166; May 14.
- Swennes, Benjamin A., Rockford, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Propeller shaft. 2,001,167; May 14.
- Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Transmission mechanism. 2,019,745; Nov. 5.
- Swennes, Benjamin A., and K. Miller, Rockford, said Swennes assignor to Borg-Warner Corporation, Chicago, Ill. Automatic clutch. 2,018,101; Oct. 22.
- Swenson, Albin, New York, N. Y. Delivery and transfer mechanism. 2,006,490; July 2.
- Swenson, Carl E. (See Harrison, O. H., Swenson, and Larson.)
- Swenson, Carl E., assignor to Mechanics Universal Joint Company, Rockford, Ill. Universal joint assembly. 1,987,807; Jan. 15.
- Swenson, Carl E., assignor to Mechanics Universal Joint Company, Rockford, Ill. Universal joint. 1,989,832; Feb. 5.
- Swenson, Carl E., assignor to Mechanics Universal Joint Company, Rockford, Ill. Universal joint. 1,993,192; Mar. 5.
- Swenson, Carl E., Rockford, Ill., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Universal joint. 1,999,487; Apr. 30.
- Swenson, Carl E., Rockford, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Universal joint. 2,018,768; Oct. 29.
- Swenson, Jonas A., Springfield, S. Dak. Window construction. 2,013,590; Sept. 3.
- Swenson, Theodore L., Chevy Chase, Md. Preserving foodstuffs. 2,009,033; July 23.
- Swerissen, Herman T., Monheim, Germany, assignor to Shell Development Company, San Francisco, Calif. Treating mineral oil residues. 2,026,073; Dec. 31.
- Swetenham, Charles C., assignor to himself, C. A. and L. M. Swetenham, Sherborne, England. Power transmission. 2,004,019; June 4.
- Swetenham, Clement A., et al. (See Swetenham, Charles C., assignor.)
- Swetenham, Leslie M., et al. (See Swetenham, Charles C., assignor.)
- Swezey, Burdette S. (See Singer, F. J., and Swezey.)
- Swezey, Joel L., Compton, Calif., assignor to Pneumatic Indicator Company. Pressure indicator valve. 1,987,163; Jan. 8.
- Swickard, Andrew E., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,022,060; Nov. 26.
- Swift, Claude E. (See Bray, U. B., and Swift.)
- Swift, Claude E., Glendale, assignor to Union Oil Company of California, Los Angeles, Calif. Dewaxing oils. 1,988,706; Jan. 22.
- Swift and Company. (See Flanagan, Charles A., assignor.)
- Swift and Company. (See Gage, Frederick W., assignor.)
- Swift & Company. (See Parsons, Clinton H., assignor.)
- Swift and Company. (See Walter, Charles T., assignor.)
- Swift and Company. (See Walter, C. T., and Bech, assignors.)
- Swift & Company Fertilizer Works. (See McCoy, G. H., Wright, and Hall, assignors.)
- Swift and Company Fertilizer Works. (See Siems, Herman B., assignor.)
- Swift, George W., Jr., Inc. (See Swift, George W., Jr., assignor.)
- Swift, George W., Jr., Bordentown, assignor to George W. Swift, Jr., Inc., Bordentown, N. J. Egg carton. 1,990,145; Feb. 5.
- Swift, George W., Jr., assignor to George W. Swift, Jr., Inc., Bordentown, N. J. Variable speed cutting mechanism. 1,997,608; Apr. 16.
- Swift, George W., Jr., assignor to G. W. Swift, Jr., Inc., Bordentown, N. J. Machine for making corrugated paper board. 2,018,240; Oct. 22.
- Swift, Glenn, Darlington, Wis. Soap dish. 2,026,288; Dec. 31.
- Swift, Thomas B. (See Maier, Charles G., assignor.)
- Swift, Thomas B. (See Thomas, Samuel B., assignor.)
- Swift, Willard E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Envelope. 1,990,760; Feb. 12.
- Swift, Willard E., Jr., Worcester, assignor to United States Envelope Company, Springfield, Mass. Church collection envelope and making the same. 2,000,797; May 7.
- Swift, Willard E., and F. P. Swallow, Worcester, assignors to United States Envelope Company, Springfield, Mass. Paper drinking cup. 2,000,796; May 7.
- Swift, Willis C., West Alexandria, Ohio, assignor to The American Brass Company, Waterbury, Conn. Welding copper. 1,986,303; Jan. 1.
- Swindell-Dressler Corporation. (See Brooke, Frank W., assignor.)

- Swindell Dressler Corporation. (See Dressler, Philip d'Huc, assignor.)
- Swindell-Dressler Corporation. (See Dressler P. d'H., and Hanff, assignors.)
- Swingle, Wilbur W., and J. J. Pfiffner, Princeton, N. J., assignors to Parke, Davis & Company, Detroit, Mich. Medicinal compound. 2,017,080; Oct. 15.
- Swinglehurst, Harry, Orange, N. J., assignor to Scott & Williams, Incorporated, New York, N. Y. Knitting machine. 1,995,231; Mar. 19.
- Swinglehurst, Harry, Orange, N. J., assignor to Scott & Williams, Incorporated, New York, N. Y. Needle. 2,010,205; Aug. 6.
- Swinglehurst, Harry, Orange, N. J., assignor to Scott & Williams, Incorporated, New York, N. Y. Making needles. 2,015,609; Sept. 24.
- Swinglehurst, Harry, Jr., Floral Park, assignor to Scott & Williams, Incorporated, New York, N. Y. Circular knitting machine. 2,000,798; May 7.
- Swingspout Measure Company. (See Wiswell, Ozro N., assignor.)
- Swint, William B., Wichita Falls, Tex. Garment sleeve. 2,012,206; Aug. 20.
- Swinyard, William O., Bayside, N. Y., assignor to Hazeltine Corporation. Sound reproducing apparatus. 2,020,166; Nov. 5.
- Swisher, Max B., and F. B. Mueldeher, Lyons, Kans. Dental contra-angle hand piece. 1,999,488; Apr. 30.
- Switlik Stanley, Trenton, N. J. Harness for quick attachable chest packs. 2,014,344; Sept. 10.
- Switlik, Stanley, Trenton, N. J. Lift web for packs and harness. 2,014,345; Sept. 10.
- Switlik, Stanley, Trenton, N. J. Parachute pack and chair. 2,020,746; Nov. 12.
- Switzer, Frank, Inglewood, Calif. Hat holder. 1,985,961; Jan. 1.
- Swoboda, H. O., Inc. (See Swoboda, H. O., and Metzger, assignors.)
- Swoboda, Hans O., Edgewood Borough, and W. F. Metzger, assignors to H. O. Swoboda, Inc., Pittsburgh, Pa. Method and apparatus for handling materials. 1,994,838; Mar. 19.
- Swoboda, Hans O., Edgewood Borough, and W. F. Metzger, assignors to H. O. Swoboda, Inc., Pittsburgh, Pa. Apparatus for treating materials. 1,994,839; Mar. 19.
- Sydnor, Harold, Elizabeth, N. J., assignor to Standard Oil Development Company. Cracking. 2,006,188; June 25.
- Sydnor, Harold, Elizabeth, N. J., assignor to Standard Oil Development Company. Cracking oil. 2,015,733; Oct. 1.
- Sykes, Harold H., Grand Rapids, Mich. House heater. 1,993,193; Mar. 5.
- Sykes, Luther W., Denver, Colo. Internal combustion engine fuel compensator. 1,990,622; Feb. 12.
- Sykes, Percy S., New York, N. Y. Box insert. 2,023,983; Dec. 10.
- Sykes, Wesley P., Cleveland Heights, Ohio, assignor to General Electric Company. Increasing the strength of alloys. 1,986,024; Jan. 1.
- Sykes, Wilfred, Chicago, Ill., assignor, by mesne assignments, to Direct Current Welding Company. Welding apparatus. 1,992,553; Feb. 26.
- Sykes, Wilfred, assignor to Inland Steel Company, Chicago, Ill. Homopolar generator. 2,011,349; Aug. 13.
- Sykes, William E., Buffalo, N. Y. Machine for cutting helical gears. 2,010,970; Aug. 13.
- Sykes, William E., assignor to Farrel-Birmingham Company, Inc., Buffalo, N. Y. Testing device. 1,994,327; Mar. 12.
- Sykes, William E., assignor to Farrel-Birmingham Company, Inc., Buffalo, N. Y. Feed mechanism for metal cutting machines. 2,001,987; May 21.
- Sylzab Steel & Wire Corporation. (See Carroll, William J., assignor.)
- Sylvania Industrial Corporation. (See Bleibler, Ernest, assignor.)
- Sylvania Industrial Corporation. (See Conti, John D., assignor.)
- Sylvania Industrial Corporation. (See Conti, J. D., and Farris, assignors.)
- Sylvania Industrial Corporation. (See Cornwell, Ralph T. K., assignor.)
- Sylvania Industrial Corporation. (See Farris, Emil M., assignor.)
- Sylvania Industrial Corporation. (See Goldberger, Franz, assignor.)
- Sylvania Industrial Corporation. (See Mendel, William, assignor.)
- Sylvania Industrial Corporation. (See Wallach, Roger N., assignor.)
- Sylvania Industrial Corporation. (See Weingand, Richard, assignor.)
- Sylvester, Joseph S., Jr., Hanover, and A. R. Catheron, Needham, assignors of one-third to J. A. Locke, Boston, Mass. Speed control system for automobiles. 1,990,354; Feb. 5.
- Symington Company, The. (See Akitt, Norman B., assignor.)
- Symington Company, The. (See Barrows, Donald S., assignor.)
- Symington Company, The. (See Blattner, Emil H., assignor.)
- Symington Company, The. (See Couch, Glenn F., assignor.)
- Symington Company, The. (See Kadel, Byers W., assignor.)
- Symington, R. & W. H., & Company. (See Jackson, Roland T., assignor.)
- Symington, R. & W. H., & Company Limited. (See Norman, Bertram H., assignor.)
- Symington, T. H., & Son, Inc. (See Drenning, Percy R., assignor.)
- Symington, T. H., & Son, Inc. (See Symington, Thomas H., assignor.)
- Symington, Thomas H., assignor to T. H. Symington & Son, Inc., Baltimore, Md. Snubbed truck spring. 1,989,433; Jan. 29.
- Symington, Thomas H., assignor to T. H. Symington & Son, Inc., Baltimore, Md. Side frame for plankless trucks. 1,991,913; Feb. 19.
- Symington, Thomas H., Baltimore, Md., assignor to T. H. Symington & Son, Inc., Baltimore, Md. Lateral motion truck. 1,995,784; Mar. 26.
- Symons Brothers Development Company. (See Symons, Loren G., assignor.)
- Symons Brothers Screen Company. (See Symons, Loren G., assignor.)
- Symons, Edgar B., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Jaw crusher. 1,987,761; Jan. 15.
- Symons, Edgar B., Hollywood, Calif., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Jaw crusher. 1,987,762; Jan. 15.
- Symons, Edgar B., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Crushing apparatus. 2,017,108; Oct. 15.
- Symons, Loren G., Hollywood, assignor to Symons Brothers Development Company, Hollywood, Calif. Wire cloth tightener. 2,000,426; May 7.
- Symons, Loren G., Hollywood, assignor to Symons Brothers Screen Company, Hollywood, Calif. Screen. 2,008,648; July 16.
- Synchro Corporation. (See Wright, Walter L., assignor.)
- Syncoro Sound, Inc. (See Kellum, Orlando E., assignor.)
- Synco Machine Company. (See Fantone, C. B., and Jameson, assignors.)
- Synco Machine Company. (See Fantone, C. B., and Parvin, assignors.)
- Synthane Corporation. (See Titus, Robert R., assignor.)
- Synthetical Laboratories, The. (See Cheronis, Nicholas D., assignor.)
- Syobo, Gabriel, Lemoore, Calif. Oil and gas well capping device. 2,018,194; Oct. 22.
- Syp, Glen E., et al. (See Stremel, Joseph, assignor.)
- Sypher, Milford G., Belleville, N. J., assignor to The Chilton Pen Company, Inc., Long Island City, N. Y. Fountain pen. 2,017,109; Oct. 15.
- Syracuse Chilled Plow Company Inc. (See Cook, Curtiss L., assignor.)
- Syracuse Tool Electric Mfg. Corp. (See Sacrey, Elmer P., assignor.)
- Syracuse Trust Company, The. (See Edwards, O. M., and Axe, assignors.)
- Syracuse Trust Company, The. (See Levan, John F., assignor.)
- Syracuse Trust Company, The, trustee. (See Axe, Roy T., assignor.)
- Syracuse Trust Company, The, Trustee. (See Holt, T. W., and Levan, assignors.)
- Syversen, Sverre G., Nydalen, near Oslo, Norway. Making nuts. 1,992,102; Feb. 19.
- Szayna, Antoni, Lwow, Poland, assignor to Sinclair Refining Company, New York, N. Y. Hydrogenation of hydrocarbons. 2,007,226; July 9.
- Szegvari, Andrew. (See Hansen, M. E., Szegvari, and Morton.)
- Szegvari, Andrew, assignor to American Anode, Inc., Akron, Ohio. Making rubber articles. 1,989,717; Feb. 5.
- Szekely, Otto E., Holland, Mich. Internal combustion engine. 2,003,563; June 4.
- Szekely, Otto E., Baltimore, Md. Overrunning gearless differential. 2,019,367; Oct. 29.
- Szekeress, John, Chicago, Ill. Window construction. 1,999,025; Apr. 23.
- Szymczak, Stanley, Milwaukee, Wis. Pipe. 1,993,122; Mar. 5.
- Szyminski, William. (See La Hodny, W., and Szyminski.)
- T. & L. Company Incorporated. (See Stelljes, Fred D., assignor.)
- Tabakforschungsinstitut für das deutsche Reich. (See Koenig, Paul, assignor.)
- Taber, George H., Binghamton, N. Y. Automatically controlled coasting device for automobiles or other vehicles. 2,018,425; Oct. 22.
- Taber, George H., Binghamton, N. Y. Internal combustion motor for motor driven vehicles. 2,018,426; Oct. 22.
- Taber, George H., Binghamton, N. Y. Variable compensation for controlling the supporting strength of vehicle body resilient suspension means. 2,018,427; Oct. 22.
- Tabern, Donalee L., and N. A. Hansen, Lake Bluff, assignors to Abbott Laboratories, North Chicago, Ill. Production of soluble salts of barbituric acids. 2,006,610; July 2.
- Table Tennis Corp. of America. (See Perryman, G. H., and McCutchan, assignors.)
- Tabozzi, Giacinto, Milan, Italy. Union for flexible pipes. 1,987,499; Jan. 8.

- Tabozzi, Giacinto, Milan, Italy. Flexible pipe for oil, essence, and the like, especially for aerial machines. 2,011,781; Aug. 20.
- Taccogna, Joseph, New York, N. Y. Paint restoring or mixing device. 2,021,209; Nov. 19.
- Tachibana, Shirô, Tokyo, Japan, assignor to General Electric Company. Gaseous electric discharge device. 1,990,146; Feb. 5.
- Tachibana, Shirô, Tokyo, Japan, assignor to General Electric Company. Gaseous electric discharge device. 1,990,147; Feb. 5.
- Tack Button Company. (See Freter, Roy J., assignor.)
- Tacklind, Sven M. Z. (See Jüllig, Werner M. J., assignor.)
- Tacy, Claris F., Oakdale, Pa. Rotating Christmas-tree stand. 1,988,343; Jan. 15.
- Tafel, Marie C. (See Tafel, Theodore, Jr., assignor.)
- Tafel, Theodore, Jr., assignor to Marie C. Tafel, Ben Avon, Pa. Increasing carbon content of iron. 2,021,159; Nov. 19.
- Taferner, Joseph A., et al. (See Popovich, Nicholas, assignor.)
- Taferner, Joseph A., et al. (See Schlitzer, Leo J., assignor.)
- Taft, William E., Athol, Mass., assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Liquid fuel burner. 1,999,309; Apr. 30.
- Taggart, George K., Fort Worth, Tex. Air or gas lift pump. 2,008,114; July 16.
- Taggart, William N., Manoa, Pa., assignor, by mesne assignments, to Standard Trump Bros. Machine Co., Inc. Yarn feeding means. 2,019,940; Nov. 5.
- Taggart, William N., Manoa, Pa., assignor, by mesne assignments, to Standard Trump Bros. Machine Co., Inc. Pattern yarn feeding mechanism for knitting machines and operating same. 2,025,913; Dec. 31.
- Tagliabue, Charles J., Mfg. Co. (See Bast, Frank J., assignor.)
- Tagliabue, Charles J., Mfg. Co. (See Irwin, Lawrence C., assignor.)
- Taine, Roger, La Madeleine-lez-Lille, assignors of one-half to the firm Société Alsacienne de Constructions Mécaniques, Mulhouse, Ht. Rhine, France. Metal carriage for mule machines. 2,017,357; Oct. 15.
- Tainton, Urlyn C., St. Louis, Mo. Hydrometallurgical recovery of lead from ores and other lead bearing materials. 2,017,612; Oct. 15.
- Tainton, Urlyn C., and F. W. Harris, Baltimore, Md., said Harris assignor to said Tainton. Zinc alloy. 2,011,987; Aug. 20.
- Taisey, Fred R., Lowell, Mass., assignor to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch system. 1,991,639; Feb. 19.
- Taisey, Fred R., Lowell, Mass., assignor to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch system. 1,993,194; Mar. 5.
- Taisey, Fred R., Lowell, Mass., assignor to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch system. 2,024,191; Dec. 17.
- Tait, Howard J. (See Rosenbraugh, W. F., Tait and Wince.)
- Tait, John H. and H. W. MacLeod, Victoria, British Columbia, Canada. Hanger. 2,011,127; Aug. 13.
- Tait, Robert E., Chicago, Ill. Boat propulsion. 2,007,550; July 9.
- Tait, Samuel, Philadelphia, Pa. Bathing garment. 1,999,010; Apr. 23.
- Tait, Wilfred E. (See Cohn, I. E., and Tait.)
- Tait, William, Wyomissing, Pa. Adjustable welt stocking. 2,008,936; July 25.
- Takechi, Shojiro, Osaka, Japan. Piling. 2,008,521; July 16.
- Takei, Takeshi. (See Kato, Y., and Takei.)
- Talbot, Bryan B., F. M. Dawson, E. H. Carney, and G. A. Ratcliff, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Sampling device. 2,012,836; Aug. 27.
- Talbot, Evariste E., assignor of one-half to J. B. Daudelin, Fall River, Mass. Automatic loom. 1,989,067; Jan. 22.
- Talbot, Frank A., Baltimore, assignor of one-half to W. B. W. Mann, Towson, Md. Nonrefillable receptacle. 1,988,881; Jan. 22.
- Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Roll mounting. 1,986,027; Jan. 1.
- Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Rolling mill feeding apparatus. 2,001,637; May 14.
- Talbot, Howard H., and C. A. McDowell, assignors to United Engineering & Foundry Company, Pittsburgh, Pa. Merchant mill layout. 1,987,876; Jan. 15.
- Talbot, Richard J. (See Couture, Romeo J., assignor.)
- Talbot, Samuel H., Portland, assignor of one-fourth to J. C. Sherman, Gorham, Maine. Wrapping and protecting device for razor blades. 1,986,230; Jan. 1.
- Talbot, Stanley E., London, England. Head lamps incorporating glare-preventing devices. 2,005,058; June 18.
- Talboys, Henry H., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Track grinder. 1,991,234; Feb. 12.
- Talboys, Henry H., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Grinding machine for railway tracks. 1,994,151; Mar. 12.
- Talboys, Henry H., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Grinding machine for railway tracks. 1,994,152; Mar. 12.
- Talboys, Henry H., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Portable railway track grinder. 2,016,877; Oct. 8.
- Talge, Foster L. (See Majewski, Joseph M., Jr., assignor.)
- Tallant, Jerome L., San Francisco, and J. S. Wright, Alameda, Calif. Hose coupling. 1,994,007; Mar. 12.
- Tallitsch, Michael, et al. (See Johanson, Emil G., assignor.)
- Tallman, Allen P., Toledo, Ohio. Neon tube and making the same. 2,023,558; Dec. 10.
- Tallquist, Axel A., Seattle, Wash., and G. Haumann, Fainesville, Ohio. Rotary presser bar for veneer machines. 1,989,386; Jan. 29.
- Tally, Thomas L. (See De La Garde, Theodor M., assignor.)
- Talmade, Frank C. (See Thompson, Thomas D., assignor.)
- Talmadge, Louis H., Wethersfield, assignor to The Merrow Machine Company, Hartford, Conn. Seam. 1,992,680; Feb. 26.
- Talmadge, Robert F., Springfield, N. J. Aeroplane kite. 2,023,939; Dec. 10.
- Talmey, Paul, New Haven, Conn. Circuit control system. 2,007,508; July 9.
- Talnagi, Michael N., Perth Amboy, N. J. Gasoline nozzle. 2,016,730; Oct. 8.
- Tamele, Miroslav W. (See Groll, H. P. A., and Tamele.)
- Tamés, Joseph E., Mixcoac, Mexico. Automobile top. 2,001,224; May 14.
- Tampier, René J. C., Boulogne-sur-Seine, France. Ball joint. 2,008,050; July 16.
- Tamplin, William C., Pittsburgh, Pa., assignor to American Sheet and Tin Plate Company. Apparatus for shipping metal. 2,005,117; June 18.
- Tamsitt, Joseph C., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Door operator. 2,003,399; June 4.
- Tamura, Kenzo, G. Kihara, Y. Asahina, and M. Ishidate, Tokyo, Japan. Manufacture of para diketocamphan carboxylic acid and hydroxy-oxo-camphan carboxylic acid. 2,026,289; Dec. 31.
- Tanabe, Shitehan, and Y. Fujitani, Kawasaki, Japan, assignors to General Electric Company. Brake for electric motors. 2,011,882; Aug. 13.
- Tanasso, Vincent, Harrison, and J. J. Pomeranz, Brooklyn, N. Y. Latch means for folding eyeglasses. 2,014,092; Sept. 10.
- Tanberg, Ragnar. (See Slepian, J., Tanberg, and Krause.)
- Tancred, William L. (See Mason, A. J., and Tancred.)
- Tandberg, John G. (See Munters, C. G., and Tandberg.)
- Tandel, Karl F., assignor to C. G. Haubold A.-G., Chemnitz, Germany. Strip guider. 1,995,462; Mar. 26.
- Taney, Lydia F., Chester Heights, Pa. Bandage. 2,014,152; Sept. 10.
- Tangerman, William J., Hammond, Ind., assignor to Union Metal Products Company, Chicago, Ill. Railway car coupler support. 2,021,570; Nov. 19.
- Taniguchi, Edwin M., San Francisco, Calif. Aircraft. 1,997,240; Apr. 9.
- Tannehill, Urban R., Kalamazoo, Mich., assignor to Western Tablet & Stationery Corporation. Temporary binder or loose sheet holder. 2,017,188; Oct. 15.
- Tannenbaum, Max, Brooklyn, N. Y. Child's novelty hand bag. 2,012,853; Aug. 27.
- Tannenbergh, August O., Oakland, Calif. Animated picture. 2,021,817; Nov. 19.
- Tanner, Arnold J. (See Einson, M. M., and Tanner.)
- Tanner, Arnold J., North Haven, Conn. Container. 2,023,450; Dec. 10.
- Tanner, Frank T., San Bruno, Calif. Dispenser. 2,012,168; Aug. 20.
- Tanner, Hubert D., West Hartford, assignor to Pratt & Whitney Company, Hartford, Conn. Compensating means for gear tooth grinders. 2,020,443; Nov. 12.
- Tanner, Hubert D., West Hartford, assignor to Pratt & Whitney Company, Hartford, Conn. Gear grinder. 2,022,061; Nov. 26.
- Tanner, Jacob, et al. (See Looft, Otto, assignor.)
- Tanner, James F., Bristol, England. Apparatus for delivering predetermined quantities of granular or pulverulent material. 1,993,693; Mar. 5.
- Tanner, John B. (See Rodman, Clarence A., assignor.)
- Tanner, Moran O., and W. L. Aiken, Farrell, Pa. Reciprocating piston. 2,009,303; July 23.
- Tanner, Robert R., Highland Park, and J. S. Thompson, assignors to Metal Finishing Research Corporation, Detroit, Mich. Coated copper article and making the same. 2,001,753; May 21.
- Tanner, Robert R., Highland Park, and H. J. Lodeesen, assignors to Metal Finishing Research Corporation, Detroit, Mich. Coated nonferrous metal and method and material for making the same. 2,012,697; Aug. 27.
- Tanning Process Company, The. (See Connor, John H., assignor.)
- Tanning Process Company, The. (See Connor, J. H., and Merritt, assignors.)
- Tanning Process Company, The. (See Merritt, Matthew M., assignor.)
- Tansley, Charles V., assignor to United Steel and Wire Co., Battle Creek, Mich. Warming cabinet. 1,987,378; Jan. 8.

- Tapie, Joseph F., Santa Barbara, Calif. Mercury condenser. 2,021,903; Nov. 26.
- Taporowski, William, Paterson, N. J. Flower holder. 1,995,657; Mar. 26.
- Tappan, Willson D., Rochester, N. Y. Collapsible tube closure. 2,016,618; Oct. 8.
- Tappen, Alexander B., Briarcliff Manor, assignor to The Cooling Tower Co. Inc., New York, N. Y. Distributor nozzle. 2,005,600; June 18.
- Tapper, George O. (See Graham, G. A., and Tapper.)
- Tarantous, Martha C., New York, N. Y. Device for covering lips. 2,007,353; July 9.
- Tarbay, Michael J., Detroit, Mich. Display packing case. 2,010,118; Aug. 6.
- Tarbox, George R., Troy, N. Y. Guard rail anchoring device. 2,026,259; Dec. 31.
- Tarbox, George R., Troy, N. Y. Cable support. 2,026,260; Dec. 31.
- Tarbox, John P. (See Eksergian, C. L., and Tarbox.)
- Tarbox, John P., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Latch handle. 1,987,165; Jan. 8.
- Tarbox, John P., Philadelphia, Pa., assignor to The Game-well Company, Newton Upper Falls, Mass. Central station traffic control system. 1,991,068; Feb. 12.
- Tarbox, John P., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Automobile body. 1,995,871; Mar. 26.
- Tarbox, John P., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Welding system and method. 2,004,619; June 11.
- Tarbox, John P., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Portable welding tool. 2,004,620; June 11.
- Tarbox, John P., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Railway vehicle tire. 2,009,349; July 23.
- Tarbox, John P., A. F. Hanson, and G. B. Reed, assignors to Budd Wheel Company, Philadelphia, Pa. Method and apparatus for spoke welding. 2,014,240; Sept. 10.
- Tardiff, Philip D., Detroit, Mich. Electric elevator safety device. 2,021,392; Nov. 19.
- Tarentum Savings and Trust Company et al., administrators. (See Conklin, W. F., Hopkins, and Hoyer.)
- Tarisien, Theophile, Livry-Gargan, France, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure braking apparatus. 1,994,182; Mar. 12.
- Tarisien, Theophile, Livry-Gargan, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed controlled brake. 2,024,669; Dec. 17.
- Tark Electric Razor Co. (See Shaler, Saul, assignor.)
- Tarleton, Frederic L., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Valve construction. 2,007,388; July 9.
- Tarlton, George L., Baltimore, Md. Signal device. 1,999,885; Apr. 30.
- Tarof, Ernest L., Brooklyn, N. Y., assignor to Karlow Steel Flooring Co., Jersey City, N. J. Grating. 2,014,912; Sept. 17.
- Tarrant, Marion A., Chicago, Ill. Pastry mixer. 2,013,902; Sept. 10.
- Tarris, Frederick J., assignor to The India Rubber, Gutta Percha and Telegraph Works Company Limited, London, England. Control system for brakes for the wheels of aircraft. 2,024,549; Dec. 17.
- Tarris, Frederick John, assignor to The India Rubber, Gutta Percha and Telegraph Works Company Limited, London, England. Aircraft wheel brake. 2,017,928; Oct. 22.
- Tarte, Charles E., Augusta, Kans., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for contacting liquids. 1,992,133; Feb. 19.
- Tarzian, Sarkes, Bryn Mawr, assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Radio tuning apparatus. 2,001,076; May 14.
- Tasher, Fred, Henryetta, Okla., assignor to Pittsburgh Plate Glass Company. Apparatus for severing sheet glass. 1,988,580; Jan. 22.
- Tasker, Homer G., Douglaston, Long Island, assignor to United Research Corporation, Long Island City, N. Y. Signal translating and correcting system. 2,004,253; June 11.
- Tasker, Homer G., Douglaston, assignor to United Research Corporation, Long Island City, N. Y. Signal reproducing system. 2,011,418; Sept. 17.
- Tassel, Edmond, Villers Saint-Paul, assignor to Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlmann, Paris, France. Manufacture of dispersion products. 2,006,934; July 2.
- Tate, James E., Middleton, Ga. Shoe string. 2,009,330; July 23.
- Tate, James R., assignor to Dominion Cutout Company, Toronto, Ontario, Canada. Lamp manipulator. 2,021,529; Nov. 19.
- Tate, McGarvey E., Somerset, Ky. Torsional shock absorber. 2,006,578; July 2.
- Tate, Samuel G., Washington, D. C., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Combined seaming and plinking machine. 1,998,030; Apr. 16.
- Tate, Samuel H., Lewistown, Pa. Detachable button. 2,013,256; Sept. 3.
- Tatter, John W., Detroit, Mich. Adjustable speed control mechanism. 1,987,275; Jan. 8.
- Tatter, John W., Detroit, Mich. Clutch. 2,014,362; Sept. 10.
- Tatter, John W., Detroit, Mich., assignor, by mesne assignments, to W. H. Pascoe, Chicago, Ill., as receiver for Lewis Differential Company. Brake. 1,996,444; Apr. 2.
- Tatter, John W., Detroit, assignor, by mesne assignments, of one-half to E. I. Ingersoll, Dearborn, Mich. Clutch. 2,002,841; May 28.
- Tatter, John W., assignor to Continental Motors Corporation, Detroit, Mich. Muffler. 2,019,746; Nov. 5.
- Tatter, John W., Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,022,794; Dec. 3.
- Tatum, John J., Baltimore, Md. Hopper doorlock and lock mounting. 1,997,703; Apr. 16.
- Tatum, John J., Baltimore, Md. Car roof. 2,021,674; Nov. 19.
- Tatum, John J., Baltimore, Md. Car roof structure. 2,021,675; Nov. 19.
- Taub, Alex, assignor to General Motors Corporation, Detroit, Mich. Crankshaft bearing. 2,004,254; June 11.
- Taub, Ludwig. (See Lange, F., and Taub.)
- Taube, Carl. (See Hilger, J., and Taube.)
- Tauber, Joseph M., Chicago, Ill. Mower. 2,025,537; Dec. 24.
- Tauboeck, Karl. (See Klein, G., and Tauboeck.)
- Tauchmann, George F., Berkeley, Calif. Reflector mounting. 2,000,303; May 7.
- Taugher, Frank P., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Crane hoist control. 2,000,724; May 7.
- Taurman, Alphonso, Birmingham, Ala. Dispensing device. 1,997,837; Apr. 16.
- Tauschek, Gustav, Mountain Lakes, N. J. Record filing and selecting apparatus. 2,013,012; Sept. 3.
- Tauschek, Gustav, Vienna, Austria, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Machine for printing tables. 1,997,156; Apr. 9.
- Tauschek, Gustav, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Card controlled machine. 1,997,157; Apr. 9.
- Tauschek, Gustav, Weldling, near Vienna, Austria, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,010,652; Aug. 6.
- Tauschek, Gustav, Vienna, Austria. Reading machine. 2,026,329; Dec. 31.
- Tauschek, Gustav, Mountain Lakes, N. J. Reading machine. 2,026,330; Dec. 31.
- Tauson, Hans, assignor to Winchester Repeating Arms Company, New Haven, Conn. Making basic lead trinitroresorcinol. 2,020,665; Nov. 12.
- Tautz, Herbert E., assignor to The Delta Manufacturing Company, Milwaukee, Wis. Hollow mortising chisel. 1,992,726; Feb. 26.
- Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Scroll saw chuck. 2,004,678; June 11.
- Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Saw guard. 2,007,887; July 9.
- Tautz, Herbert E., Milwaukee, assignor to Delta Manufacturing Company. Combination guard and support for jointer fences. 2,009,304; July 23.
- Tautz, Herbert E., assignor to The Delta Manufacturing Company, Milwaukee, Wis. Sectional jointer fence. 2,015,734; Oct. 1.
- Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Ball bearing center. 2,016,843; Oct. 8.
- Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Machine table insert. 2,020,222; Nov. 5.
- Tautz, Herbert E., assignor to The Delta Manufacturing Company, Milwaukee, Wis. Drill press. 2,025,834; Dec. 31.
- Tavani, Joseph, Philadelphia, Pa. Operation of motion picture projecting apparatus. 2,011,919; Aug. 20.
- Taveau, René de M., Newburgh, assignor to The Texas Company, New York, N. Y. Motor fuel. 1,991,127; Feb. 12.
- Tavender, Walter K. (See Reimers, A. E., and Tavender.)
- Tavender, Walter K., Haworth, N. J., assignor, by mesne assignments, to Automatic Equipment, Inc., New York, N. Y. Vending machine. 1,992,554; Feb. 26.
- Taylor, Agnes E., Detroit, Mich. Garment protector. 2,017,328; Oct. 15.
- Taylor, Albert H., Washington, D. C. Crystal oscillator circuit for retrodes. 1,998,469; Apr. 23.
- Taylor, Albert H., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Circuit for precision control of master oscillators. 2,014,913; Sept. 17.
- Taylor, Alfred C., and E. S. Du Bose, Jacksonville, Fla. Lubricating device. 1,997,129; Apr. 9.
- Taylor, Alice W., executrix. (See Taylor, Frederick J.)
- Taylor, Arthur K., assignor to The United States Printing and Lithograph Company, Baltimore, Md. Cutter line gauge. 2,026,145; Dec. 31.
- Taylor, Aubrey E., Malvern, Melbourne, Australia. Variegated surface and display material and device. 1,990,421; Feb. 5.
- Taylor Bramley Company, The. (See Rickert, Fred C., assignor.)

- Taylor, Carl R., Cleveland Heights, assignors, by mesne assignments to Mojonnier Bros. Co., Chicago, Ill. Dispensing apparatus. 2,019,202; Oct. 29.
- Taylor, Cecil H., Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,999,217; Apr. 30.
- Taylor, Cecil H., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,001,944; May 21.
- Taylor, Charles C. (See Taylor, Edmund R., and C. C. Taylor, Charles C. (See Wadsworth, P. W., and Taylor.)
- Taylor, Charles H., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,993,229; Mar. 5.
- Taylor, Charles H., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,008,476; July 16.
- Taylor, Charles H., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,008,972; July 23.
- Taylor, Charles W. (See Karsel, W., and Taylor.)
- Taylor, Charles W. (See Parkhill, M. S., and Taylor.)
- Taylor, Chester A., Los Angeles, Calif. Holding means for mops, brushes, and the like. 2,013,871; Sept. 10.
- Taylor, Clarence C. (See Leo, H. T., Taylor, and Beck.)
- Taylor, Clarence L., assignor to The Aetna-Standard Engineering Company, Youngstown, Ohio. Feed mechanism for gathering tables and the like. 1,990,105; Feb. 5.
- Taylor, Clarence L., assignor to The Aetna-Standard Engineering Company, Youngstown, Ohio. Gathering table. 2,016,524; Oct. 8.
- Taylor, Clarence L., assignor to The Aetna-Standard Engineering Company, Youngstown, Ohio. Furnace charging machine. 2,019,102; Oct. 29.
- Taylor, Cyril S. (See Edwards, J. D., Taylor, and Wentz.)
- Taylor, Cyrus J. (See Brown, H. W., and Taylor.)
- Taylor, Daniel C., assignor to W. C. Taylor, Los Angeles, Calif. Combined receptacle and printing device. 1,987,379; Jan. 8.
- Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system for circulation in hot air furnaces. 2,008,776; July 23.
- Taylor, David J. H. (See Porteous, T. C., and Taylor.)
- Taylor, Dick, assignor to Southland Cotton Oil Company, Paris, France. Lint collecting apparatus. 2,023,036; Dec. 3.
- Taylor, Earl E., assignor to F. E. Taylor, Lynn, Mass. Safety razor. 2,020,043; Nov. 5.
- Taylor, Edmund R., Mount Vernon, N. Y., assignor to American Telephone and Telegraph Company. Multiple radio-telephone and telegraph circuit. 1,997,706; Apr. 16.
- Taylor, Edmund R., Mount Vernon, and C. C. Taylor, Flushing, N. Y., assignors to American Telephone and Telegraph Company. Calling arrangement for radio-telephone circuits. 1,997,705; Apr. 16.
- Taylor, Edmund R., New York, N. Y., and D. Mitchell, Martinsville, N. Y., assignors to American Telephone and Telegraph Company. Two-way telephone system. 1,999,346; Apr. 30.
- Taylor, Edward H. (See Birdsey, C. R., and Taylor.)
- Taylor, Edward H., Oak Park, Ill. Coupling means. 1,986,419; Jan. 1.
- Taylor, Edward H., Oak Park, Ill. Welding outlet. 2,015,246; Sept. 24.
- Taylor, Eleanor T. (See Taylor, Samuel, assignor.)
- Taylor, Ellis. (See Burkett, F., and Taylor.)
- Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Circuit breaker. 2,018,904; Oct. 29.
- Taylor, Elmer Z., assignor to Mono Service Co., Newark, N. J. Paper container. 2,008,088; July 16.
- Taylor, Ewing H., assignor to J. H. Marshall, Dallas, Tex. Vegetable slicer. 2,017,822; Oct. 15.
- Taylor, Ernest R., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose acetate composition comprising a tertiary alcohol. 2,000,622; May 7.
- Taylor, Ernest W., assignor to Industrial Brownhoist Corporation, Bay City, Mich. Car dumping apparatus. 1,994,796; Mar. 19.
- Taylor, Eugene S., Chicago, Ill. Parking apparatus. 2,013,482; Sept. 3.
- Taylor, Eugene V., Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,009,100; July 23.
- Taylor, Eugene V., Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,012,644; Aug. 27.
- Taylor, Fannie E. (See Taylor, Earl E., assignor.)
- Taylor Forge & Pipe Works. (See Birdsey, C. R., and Taylor, assignors.)
- Taylor Forge & Pipe Works. (See Taylor, J. H., and Narkiewicz, assignors.)
- Taylor, Frank, Sedalia, Mo. Draining lifter. 2,021,874; Nov. 19.
- Taylor, Frank W., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Valve. 2,019,747; Nov. 5.
- Taylor, Fred K., assignor to Taylor Instrument Companies, Rochester, N. Y. Recorder. 2,012,736; Aug. 27.
- Taylor, Frederick J., deceased, Briton Ferry, Neath, by A. W. Taylor, Briton Ferry, Wales, executrix. Method of and apparatus for pickling or swilling sheet metal. 1,990,761; Feb. 12.
- Taylor Freezer Corporation. (See Dennison, Forrest W., assignor.)
- Taylor, George A., Hyde Park, Mass. Electric starter. 1,994,409; Mar. 12.
- Taylor, George E. (See Wollner, H. J., and Taylor.)
- Taylor, George F., Niskayuna, N. Y., assignor to General Electric Company. Thin cemented carbide disks. 1,991,233; Feb. 12.
- Taylor, George F., Schenectady, N. Y., assignor to General Electric Company. Abrading tool. 1,996,598; Apr. 2.
- Taylor, George F., Schenectady, N. Y., assignor to General Electric Company. Making an abrasive tool. 2,014,955; Sept. 17.
- Taylor, George F., Schenectady, N. Y., assignor to General Electric Company. Apparatus for sintering refractory material. 2,022,528; Nov. 26.
- Taylor, George J., Cleveland, Ohio. Keyhole illuminating device. 2,005,274; June 13.
- Taylor, George R., et al. (See Hurtig, Carl A., assignor.)
- Taylor, George W., East Milton, Mass. Cap for steam radiator valves. 2,014,153; Sept. 10.
- Taylor, Guy B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Recovery of acetylene from gases. 1,996,088; Apr. 2.
- Taylor, H. D., Company. (See Steiner, Howard M., assignor.)
- Taylor, Halsey W. (See Gentry, James P., Jr., assignor.)
- Taylor, Halsey W., Company, The. (See Peik, Paul G., assignor.)
- Taylor, Harden F., Scarsdale, and A. H. Cooke, assignors to The Atlantic Coast Fisheries Company, New York, N. Y. Conditioning containers. 2,011,426; Aug. 13.
- Taylor, Harry S., Erie, Pa. Rack. 2,008,115; July 16.
- Taylor, Howard D., assignor to Flexible Truck Corporation, Reading, Pa. Car truck. 2,023,714; Dec. 10.
- Taylor, Howard D., assignor to Flexible Truck Corporation, Reading, Pa. Car truck. 2,023,715; Dec. 10.
- Taylor, Howard D., New York, N. Y., assignor to Flexible Truck Corporation, Reading, Pa. Brake mechanism. 2,025,135; Dec. 24.
- Taylor, Hugh S., Princeton, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification process. 1,998,470; Apr. 23.
- Taylor, Hurley M., Bloomington, Ill. Tire chain connecting device. 2,016,756; Oct. 8.
- Taylor, Huston. (See Fageol, R. B., and Taylor.)
- Taylor Instrument Companies. (See Bandoly, Erich, assignor.)
- Taylor Instrument Companies. (See Bolton, Harry D., assignor.)
- Taylor Instrument Companies. (See Brown, H. Brainard, assignors.)
- Taylor Instrument Companies. (See Carson, Charles B., assignor.)
- Taylor Instrument Companies. (See Cleveland, R. D., and Olso, assignors.)
- Taylor Instrument Companies. (See Foote, Edward B., assignor.)
- Taylor Instrument Companies. (See Hubbard, Karl H., assignor.)
- Taylor Instrument Companies. (See Hubbard, K. H., and Widmer, assignors.)
- Taylor Instrument Companies. (See Norwood, Harry Y., assignor.)
- Taylor Instrument Companies. (See Olson, Raymond B., assignor.)
- Taylor Instrument Companies. (See Purton, Ernest C. J., assignor.)
- Taylor Instrument Companies. (See Schofield, Joseph, assignor.)
- Taylor Instrument Companies. (See Taylor, Fred K., assignor.)
- Taylor, Irving A., assignor to Riley Stoker Corporation, Worcester, Mass. Underfeed furnace. 2,007,028; July 2.
- Taylor, J. H., Oak Park, and J. Narkiewicz, Riverside, assignors to Taylor Forge & Pipe Works, Cicero, Ill. Return bend. 2,008,193; July 16.
- Taylor, Jack F. M., Clayton, Mo., and H. I. Lounsbury, Wilmington, assignors to Shell Development Company, San Francisco, Calif. Treating cracked oil distillates. 2,025,255; Dec. 24.
- Taylor, James A., Tyler, Tex. Tool. 1,991,778; Feb. 19.
- Taylor, James E. (See Alderks, O. H., Distel, and Taylor.)
- Taylor, James E., and R. S. Sharpnack, Washington, Pa. Stapling apparatus. 2,012,027; Aug. 20.
- Taylor, James H., Red Bank, and J. Lauder, Roselle Park, N. J., assignors to The American Laundry Machinery Company, Cincinnati, Ohio. Pressing machine. 2,026,331; Dec. 31.
- Taylor, James P., Brooklyn, N. Y. Localized blow distributing football headguard. 1,997,187; Apr. 9.
- Taylor, James P., Brooklyn, N. Y. Football guard. 2,013,794; Sept. 10.
- Taylor, James W., San Antonio, Tex. Well flowing device. 2,022,749; Dec. 3.
- Taylor, James Y., assignor of one-sixth to O. A. Milam, one-sixth to R. E. Milam, and one-sixth to Douglas Coalson, Brownwood, Tex. Air compressor. 1,993,230; Mar. 5.
- Taylor, Jessie, Indianapolis, Ind. Foundation garment. 1,999,792; Apr. 30.
- Taylor, Joe P., LaPorte, Tex. Moving picture film fire eliminator. 2,009,532; July 30.
- Taylor, John, assignor to M. C. Taylor, Kansas City, Mo. Battery cable. 1,989,718; Feb. 5.
- Taylor, John, assignor to M. C. Taylor, Kansas City, Mo. 1,991,640; Feb. 19.

- Taylor, John, assignor, by mesne assignments, to Joseph Weidenhoff, Incorporated, Chicago, Ill. Battery testing clip. 2,025,363; Dec. 24.
- Taylor, John C., et al. (See Burriss, Oliver G., assignor.)
- Taylor, John C., Jr., Easton, Pa., and C. B. Andrews, High Bridge, assignors to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Sectional hammer for grinding mills. 1,997,553; Apr. 9.
- Taylor, John D., Glasgow, Scotland. Lock switch. 2,002,047; May 21.
- Taylor, John J., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Insulator. 1,994,292; Mar. 12.
- Taylor, John J., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Insulator. 1,994,293; Mar. 12.
- Taylor, John J., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Insulator. 1,997,439; Apr. 9.
- Taylor, John L., Milwaukee, Wis. Dynamometer. Ignition cable. 1,989,893; Feb. 5.
- Taylor, John L., Milwaukee, Wis. Oil engine atomizer. 2,003,814; June 4.
- Taylor, John L., Stockton, assignor to Zellerbach Paper Company, San Francisco, Calif. Fruit curtain. 1,991,826; Feb. 19.
- Taylor, John L., Kenosha, Wis. Atomizer. 2,003,813; June 4.
- Taylor, Joseph K., Plainfield, N. J., assignor to Sonoco Products Company, Hartsville, S. C. Spool. 1,992,257; Feb. 26.
- Taylor, Joseph K., Plainfield, N. J., assignor to Sonoco Products Company, Hartsville, S. C. Spool. 1,992,258; Feb. 26.
- Taylor, Joseph P., Detroit, assignor, by mesne assignments, of one-fifth to M. A. Cryslor, one-fifth to E. S. Fox, one-fifth to F. J. Cryslor, one-fifth to E. D. Little, and one-fifth to L. F. Brady, Detroit, Mich. Milk bottle crate. 2,017,264; Oct. 15.
- Taylor, Laurens A., Schenectady, N. Y., assignor to General Electric Company. Direction finder. 1,991,473; Feb. 19.
- Taylor, Laurens A., Schenectady, N. Y., assignor to General Electric Company. Radio beacon system. 1,991,474; Feb. 19.
- Taylor, Laurens A., Schenectady, N. Y., assignor to General Electric Company. Direction finder. 1,991,475; Feb. 19.
- Taylor, Laurens A., Schenectady, N. Y., assignor to General Electric Company. Radio receiving apparatus. 1,992,019; Feb. 19.
- Taylor, Laurens A., Schenectady, N. Y., assignor to General Electric Company. Radio reception and direction finding system. 2,008,522; July 16.
- Taylor, Lawrence G., Miami, Okla. Method and apparatus for producing printing plates. 1,987,541; Jan. 8.
- Taylor, Leland V. (See Cochran, P. B. Hitt, and Taylor.)
- Taylor, Leroy B., Cleveland, Ohio. Reversible window. 2,021,339; Nov. 19.
- Taylor, Lester M., Dayton, Ohio. Automatic variable pitch propeller. 2,000,049; May 7.
- Taylor, Lloyd J., Wichita Falls, Tex. Hinge for meter box covers. 2,025,664; Dec. 24.
- Taylor, Marvin M., et al. (See Lavigne, Michael A. S., assignor.)
- Taylor, Maurice K., Hollinwood, England, assignor to Ferranti Inc., New York, N. Y. Balancing of rotating members. 2,012,780; Aug. 27.
- Taylor, Mayme C. (See Taylor, John, assignor.)
- Taylor, Milton E., Kenmore, N. Y. Storage battery. 2,025,482; Dec. 24.
- Taylor, Norris O., assignor to Spyco Smelting and Refining Company, Minneapolis, Minn. Precious metal alloy composition. 1,987,451; Jan. 8.
- Taylor, Norris O., assignor to Spyco Smelting and Refining Company, Minneapolis, Minn. Precious metal alloy composition. 1,987,452; Jan. 8.
- Taylor, Orlin D., San Antonio, Tex., assignor to Theodore K. Walma, Iowa City, Iowa. Slicing machine. 2,023,360; Dec. 3.
- Taylor, Ormond J. (See Broome, John E., assignor.)
- Taylor, Ralph S., et al. (See Simoneau, Charles B., assignor.)
- Taylor, Ray M., Philadelphia, Pa. Tensioning means for loom let-off beams. 2,022,577; Nov. 26.
- Taylor, Raymond R., Darlington, assignor, by mesne assignments, of one-fourth to M. P. Johnson, and one-fourth to E. H. W. Harlan, Bel Air, Md. Delivery cabinet for milk bottles. 1,991,966; Feb. 19.
- Taylor, Raymond S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire construction. 2,000,369; May 7.
- Taylor, Raymond S., P. M. Torrance, and R. H. Anderson, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Making an inner tube. 1,992,514; Feb. 26.
- Taylor, Reginald, F. T. Belas, and J. W. McClew, Liverpool, England, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 1,990,677; Feb. 12.
- Taylor, Robert B., Kapaa, assignor to Hawaiian Canneries Company, Ltd., Kapaa, Kauai, Territory of Hawaii. Canning pineapples and similar products. 2,011,020; Aug. 13.
- Taylor, Robert S., assignor to Electrolux Servel Corporation, New York, N. Y. Safety device for gas burners. 1,986,304; Jan. 1.
- Taylor, Robert S., Evansville, Ind., assignor to Electrolux Servel Corporation, New York, N. Y. Refrigerator sealing strip. 2,003,726; June 4.
- Taylor, Samuel, assignor to E. T. Taylor, Chicago, Ill. Spring cover. 2,012,931; Aug. 27.
- Taylor, Samuel G., New York, N. Y. Hearing aid apparatus and amplifier. 2,017,358; Oct. 15.
- Taylor, Samuel R., Boston, Mass. Containers for frankfurters and other food articles. 2,011,383; Aug. 13.
- Taylor, Stanley. (See Rowe, E. L., and Taylor.)
- Taylor, Steadman O., University City, Mo., and S. J. Strid, assignors to W. E. Sharp, deceased, Chicago, Ill.; M. E. Sharp, executrix. Bolt. 2,024,071; Dec. 10.
- Taylor, Van B., Miami, Fla. Internal brake for automobiles. 2,022,947; Dec. 3.
- Taylor, W. C. (See Taylor, Daniel C., assignor.)
- Taylor-Wharton Iron & Steel Company. (See Bray, Alfred L., assignor.)
- Taylor-Wharton Iron & Steel Company. (See Hall, John H., assignor.)
- Taylor-Wharton Iron and Steel Company. (See Hulbert, W. G., and Thierry, assignors.)
- Taylor-Wharton Iron and Steel Company. (See Koons, Charles E., assignor.)
- Taylor-Wharton Iron & Steel Company. (See MacFadyen, Loudon E., assignor.)
- Taylor-Wharton Iron & Steel Company. (See Smith, Grant D., assignor.)
- Taylor-Wharton Iron & Steel Company. (See Taylor, William H., assignor.)
- Taylor-Wharton Iron & Steel Company. (See Taylor, J. C., Jr., and Andrews, assignors.)
- Taylor, William, Toronto, Ontario, Canada, assignor to J. M. Teahan, Detroit, Mich. Apparatus for molding ceramic structures. 2,000,623; May 7.
- Taylor, William, assignor to Kapella Limited, Leicester, England. Lens attaching means. 2,017,823; Oct. 15.
- Taylor, William C., assignor to Corning Glass Works, Corning, N. Y. Fining glass and batch therefor. 1,995,952; Mar. 26.
- Taylor, William C., assignor to Corning Glass Works, Corning, N. Y. Borosilicate glass composition. 2,012,552; Aug. 27.
- Taylor, William C., assignor to Corning Glass Works, Corning, N. Y. Soft glass composition of high electrical resistance. 2,018,816; Oct. 29.
- Taylor, William C., assignor to Corning Glass Works, Corning, N. Y. Soft glass composition of high electrical resistance. 2,018,817; Oct. 29.
- Taylor, William C., assignor to Corning Glass Works, Corning, N. Y. Stirring molten glass in continuous tank furnaces. 2,022,223; Nov. 26.
- Taylor, William H., Phillipsburg, assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Dredge bucket. 2,024,894; Dec. 17.
- Taylor, William I. (See Dreyfus, H., Dickie, and Taylor.)
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Treatment of textile filaments, yarns, threads, or the like. 1,992,259; Feb. 26.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of artificial filaments, threads, ribbons, films, and similar materials. 2,002,066; May 21.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Textile materials and its production. 2,004,139; June 11.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production and treatment of filaments, yarns, ribbons, films, and other materials made of or containing cellulose esters or ethers. 2,025,962; Dec. 31.
- Taylor, William I., and L. B. Gibbins, Spondon near Derby, England, assignors to Celanese Corporation of America. Production of artificial filaments, yarns, or thread. 2,001,000; May 14.
- Taylor, William I., and L. B. Gibbins, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of staple fiber yarns. 2,003,400; June 4.
- Taylor, William I., and A. H. Woodruff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial materials. 2,007,389; July 9.
- Taylor, William J. (See Boudreau, J. A., and Taylor.)
- Taylor, William J., assignor to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch system. 1,994,153; Mar. 12.
- Taylor, William J., assignor to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch system. 2,003,159; May 28.
- Taylor, William J., assignor to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch system. 2,019,876; Nov. 5.
- Taylor, William J., J. A. Boudreau, and F. L. Irish, assignors to The Lamson Company, Syracuse, N. Y. Punch press assembly. 2,010,043; Aug. 6.
- Taylor-Winfield Corporation, The. (See Clark, Malcolm, assignor.)
- Tebechonin, Serge, Paris, France. Polychromatic printing plate. 2,025,559; Dec. 24.

- Tebechonin, Serge, Paris, France, assignor to S. Heller, White Plains, N. Y. Polychromatic printing plate. 1,999,549; Apr. 30.
- Tebechonin, Serge, Paris, France, assignor to S. Heller, White Plains, N. Y. Printing machine. 1,999,550; Apr. 30.
- Teckhovitch, Apollon, Paris, France. Closure device with separable fasteners for cloths and the like. 2,025,483; Dec. 24.
- Tea, Peter L., Yonkers, N. Y. Demonstration apparatus of gyroscopic principles. 1,987,763; Jan. 15.
- Teague, Giles M., Charlotte, N. C. Making confections. 2,000,676; May 7.
- Teahan, James M. (See Taylor, William, assignor.)
- Teahen, James M., Detroit, Mich. Apparatus for molding water closet rims. 2,002,873; May 28.
- Teahen, James M., Detroit, Mich. Flushing valve for water closets. 2,011,782; Aug. 20.
- Tear, Harry R., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,989,160; Jan. 29.
- Tear, Harry R., South Bend, Ind., assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 1,989,719; Feb. 5.
- Tear, Harry R., assignor to The Lubrication Corporation, South Bend, Ind. Assembling machine. 2,007,698; July 9.
- Tear, Harry R., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,010,165; Aug. 6.
- Tear, Harry R., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,016,400; Oct. 8.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,025,230; Dec. 24.
- Tear, James D. (See Poitras, E. J., and Tear.)
- Tear, James D., Schenectady, N. Y., assignor to General Electric Company. Time interval measuring arrangement. 2,012,837; Aug. 27.
- Teare, Benjamin R., Jr., and M. A. Whiting, Schenectady, N. Y., assignors to General Electric Company. Electro-responsive device. 2,014,869; Sept. 17.
- Teare, Benjamin R., Jr., and M. A. Whiting, Schenectady, N. Y., assignors to General Electric Company. Electrical regulation. 2,014,870; Sept. 17.
- Te Aroha Dairy Company, The. (See Murray, Henry L., assignor.)
- Te Aroha Dairy Company Limited. (See Murray, Henry L., assignor.)
- Tears, Claude F., Mountain Lakes, N. J., assignor to The Petroleum Processes Corporation, Wichita, Kans. High melting point wax and production of same. 2,000,427; May 7.
- Tears, Claude F., Mountain Lakes, N. J., assignor to The Petroleum Processes Corporation, Wichita, Kans. Decolorizing and dewaxing petroleum lubricating oils. 2,008,569; July 16.
- Tears, Claude F., Mountain Lakes, N. J., assignor to The Petroleum Processes Corporation, Wichita, Kans. Dewaxing lubricating oil distillates and residues. 2,008,570; July 16.
- Teatini, Dario, Hougardere, Belgium. Filtering apparatus. 2,024,955; Dec. 17.
- Teatini, Dario, Hougardere, Belgium, assignor to Utilities Improvements Limited, London, England. Purification of sugar juices. 1,988,923; Jan. 22.
- Teats, Roscoe, Denver, Colo., assignor to American Smelting and Refining Company, New York, N. Y. Producing cadmium. 2,011,739; Aug. 20.
- Teats, Roscoe, Denver, Colo., assignor to American Smelting and Refining Company, New York, N. Y. Treating sulphate solutions of thallium and cadmium. 2,011,882; Aug. 20.
- Tebou, Wilbur L., assignor to Haines Hosiery Mills, Inc., Philadelphia, Pa. Auxiliary means for governing the fashioning mechanism of flat knitting machines. 2,021,904; Nov. 26.
- Tecalemit, Limited. (See Piquerez, Emile, assignor.)
- Techmer, Ewald F., Chicago, Ill. Building construction. 2,008,194; July 16.
- Technicolor, Inc. (See Ball, Joseph A., assignor.)
- Technicolor, Inc. (See Troland, Leonard T., assignor.)
- Technicolor Motion Picture Corporation. (See Troland, Leonard T., assignor.)
- Technical Engineering Corporation, The. (See Wells, Walter T., assignor.)
- Technidyne Corporation. (See Jones, Lester L. and J., and Piazze.)
- Technidyne Corporation. (See Jones, L. L., and Piazze, assignors.)
- Technik & Investment A.-G. (See Ipold, Victor, assignor.)
- Technik & Investment Aktiengesellschaft. (See Setzer, Rudolf, assignor.)
- Technisch Handelbureau "Runo". (See Stoet, H., and van Harreveld, assignors.)
- Techno-chemical Laboratories, Limited. (See Gram, Thomas, assignor.)
- Teckemeyer, Frederick W. (See Teckemeyer, John F., F. W., and G. A.)
- Teckemeyer, George A. (See Teckemeyer, John F., F. W., and G. A.)
- Teckemeyer, John F., F. W. Teckemeyer, and G. A. Teckemeyer, assignors of twenty-two per cent to L. L. Lewis, five per cent to C. Bosan, two per cent to C. Marquis, and five per cent to N. R. Ward, Pittsburgh, Pa. Gas converter and cleaner of the liquid contact type. 2,011,598; Aug. 20.
- Teckemeyer, John F., F. W. Teckemeyer, and G. A. Teckemeyer, assignors of twenty-two per cent to L. L. Lewis, five per cent to C. Bosan, two per cent to C. Marquis, and five per cent to N. R. Ward, Pittsburgh, Pa. Gas producing apparatus of the liquid contact type. 2,016,184; Oct. 1.
- Teco Manufacturing Corp. (See Lippert, Walter E., assignor.)
- Tedham, William F., London, assignor to Electric and Musical Industries Limited, Hayes, England. Light sensitive apparatus. 2,005,059; June 18.
- Tedham, William F., Abbey Wood, London, and G. B. Baker, Oxford, assignors to Electric and Musical Industries Limited, Hayes, England. Photo-electric tube. 1,988,525; Jan. 22.
- Teegarden, Paul E. (See Harris, O. P., and Teegarden.)
- Teel, Marvin, Millerville, Ala. Harrow. 2,019,369; Oct. 29.
- Teetor, Charles N., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring. 2,012,324; Aug. 27.
- Teetor, Herman, assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring expander. 2,025,334; Dec. 24.
- Teetor, Macy O., Newcastle, Ind. Ventilator attachment for toilet seats. 2,001,592; May 14.
- Teetor, Macy O., Newcastle, Ind. Air purifying ventilator for toilet bowls. 2,001,593; May 14.
- Teetor, Macy O., Newcastle, assignor to The Perfect Circle Company, Hagerstown, Ind. Composite piston and making same. 2,007,839; July 9.
- Teetor, Ralph R., Hagerstown, Ind. Fishing rod handle. 2,000,263; May 7.
- Teetor, Ralph R., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston skirt expander. 1,997,023; Apr. 9.
- Teetor, Ralph R., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston skirt expander. 2,000,106; May 7.
- Telag Textil-Finanz A.-G. (See Rossmann, Rudolf, assignor.)
- Tefft, Ralph F. (See McGavack, J., and Tefft.)
- Tefft, Ralph F., Nutley, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Creaming of rubber latex. 1,994,328; Mar. 12.
- Tegtmeyer, William C. (See Notar, J. C., and Tegtmeyer.)
- Teicher, Albert, assignor to Fritz Kroch, Leipzig, Germany. Envelope. 2,014,914; Sept. 17.
- Teichmann, Albert, Zeitz, Germany. Guiding plansifter brushes. 1,991,585; Feb. 19.
- Teichmann, Charles F., assignor to The Texas Company, New York, N. Y. Sweetening hydrocarbon oil. 2,011,954; Aug. 20.
- Teichmann, Charles F., assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 2,014,915; Sept. 17.
- Teichmann, Charles F., assignor to The Texas Company, New York, N. Y. Insecticide and fungicide. 2,015,045; Sept. 17.
- Teichmann, Charles F., assignor to The Texas Company, New York, N. Y. Solvent extraction of hydrocarbon oil. 2,015,046; Sept. 17.
- Teichmann, Charles F., H. Klein and C. P. Rathemacher, New York, N. Y. Chlorination of hydrocarbons. 2,015,044; Sept. 17.
- Teichmann, Henry F. (See Goetz, Rowland W., assignor.)
- Teichmann, Henry F., Washington, Pa. Combination lock. 1,986,125; Jan. 1.
- Teichmann, Henry F., Washington, Pa. Electric lamp. 2,018,330; Oct. 22.
- Teigen, Arthur H., Madison, Wis., assignor to Pratt Food Company. Poultry lice exterminator. 2,024,895; Dec. 17.
- Teitelbaum, Solomon. (See Botchinsky, Sophie, assignor.)
- Teitscheid, Alfred F., Wharton, N. J. Fuse for projectiles. 2,014,401; Sept. 17.
- Telefonaktiebolaget L. M. Ericsson. (See Crowe, Douglas C., assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Bechmann, Rudolf, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Bechmann, R., Roosenstein, and Elstermann, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Böhm, Otto, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Böhm, O., Hagen and Roosenstein, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Burg, Vilmos E., assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Buschbeck, Werner, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Crefin, Charles, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Eyed, Ladislaus, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Frum, Alexander, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gothe, Albrecht, assignor.)

- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gutmann, Herbert, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hagen, Gerhard, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Heegner, Kurt, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hermannspann, Paul, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hofer, Rudolf, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hollmann, Hans E., assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hülster, Fritz, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Ilberg, Waldemar, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Jobst, Gunther, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Jobst, G., and Wehnert, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., et al. (See Karolus, A., Schröter, and Ilberg, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Klotz, Ernst, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Klütz, E., and Rechnitzer, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Knoll, Max, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kühle, W. E., and Prinz, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kühle, W. E., Prinz and Herriger, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kühlewind, Walter, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Leib, August, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Lux, Heinz, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Mayer, Emil, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Meissner, Alexander, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Michelsen, Fritz, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Michelsen, F., and Richter, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Mollath, A., and Roosenstein, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Moser, Wilhelm, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Moser, W., and Leng, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Muth, H., and Runge, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Osnos, Mendel, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Prinz, Dietrich, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rechnitzer, Rudolf, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Richter, J., and Knabner, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Roosenstein, Hans O., assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rothe, H., and Rzebulka, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Runge, Wilhelm, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Runge, W. Ilberg, and Lux, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Saar, Franz, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches. (See Scharlau, Hans, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie. (See Schäfer, Erich, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schloemilch, Joachim, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schmidt, Ommo, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schriever, Otto, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, Fritz, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, F., and Schriever, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Steimel, Karl, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Steimel, K., and Klotz, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Voigtmann, Walter, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See von Arco, Georg, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Walter, Ludwig, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Wehnert, Waldemar, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Weihe, Werner, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Wurst, Walter, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Zepler, Erich, assignor.)
- Telephone Laboratories, Incorporated. (See Ives, Herbert E., assignor.)
- Telephone Laboratories, Incorporated. (See Jacobs, Oliver B., assignor.)
- Telegester Corporation, The. (See Favarger, François, assignor.)
- Telegester Corporation, The. (See Haselton, M. L., and Hicks, assignors.)
- Teslesky, Thomas, Amsterdam, N. Y. Pull and drag-saw machine. 2,005,961; June 25.
- Teletype Corporation. (See Burcky, C. W., and Lake, assignors.)
- Teletype Corporation. (See Eklund, Arthur G., assignor.)
- Teletype Corporation. (See Goetz, M. T., and Walden, assignors.)
- Teletype Corporation. (See Hanke, E. W. F., and Zenner, assignors.)
- Teletype Corporation. (See Kleinschmidt, Edward F., assignor.)
- Teletype Corporation. (See Kleinschmidt, E. E., Krum, and Potts, assignors.)
- Teletype Corporation. (See Kleinschmidt, E. E., and Potts, assignors.)
- Teletype Corporation. (See Krum, Howard L., assignor.)
- Teletype Corporation. (See Kram, H. L., and Reiber, assignor.)
- Teletype Corporation. (See Lake, Ross A., assignor.)
- Teletype Corporation. (See Larson, Edward S., assignor.)
- Teletype Corporation. (See Lough, Thomas F., assignor.)
- Teletype Corporation. (See Pagenkopf, Walter H., assignor.)
- Teletype Corporation. (See Potts, Louis M., assignor.)
- Teletype Corporation. (See Reiber, Albert H., assignor.)
- Teletype Corporation. (See Reiber, A. H., and Zenner, assignors.)
- Teletype Corporation. (See Schmitt, Lawrence R., assignor.)
- Teletype Corporation. (See Swan, Carl W., assignor.)
- Teletype Corporation. (See Walden, Lester M., assignor.)
- Teletype Corporation. (See Zenner, Walter J., assignor.)
- Teletypesetter Corporation. (See Kleinschmidt, E. E., and Potts, assignors.)
- Teletypesetter Corporation. (See Morey, Walter W., assignor.)
- Televator Corporation. (See Hirshfeld, Jerome, assignor.)
- Television Laboratories, Inc. (See Farnsworth, Philo T., assignor.)
- Television Laboratories, Ltd. (See Gardner, Bernard C., assignor.)
- Television Laboratories, Ltd. (See Nina, Anthony A., assignor.)
- Television Limited. (See Baird, John L., assignor.)
- Telford, John C., Westminster, London, and J. Hines, Barnes, London, assignors to Braithwaite and Company Engineers Limited, London, England. Manufacture of roads, yards, aerodromes and the like surfaces. 1,988,613; Jan. 22.
- Télie, Jean A. M., Arcueil, France. Incorporating a fluid to a stream of a fluid or of a pulverulent solid. 2,021,092; Nov. 12.
- Tellegen, Bernardus D. H. (See Van der Ven, A. J. H., Van der Mark, and Tellegen.)
- Tellegen, Bernardus D. H., Eindhoven, Netherlands, assignor to Radio Corporation of America. High frequency network. 2,002,193; May 21.
- Tellegen, Bernardus D. H., Eindhoven, Netherlands, assignor to Radio Corporation of America. Coupling arrangement. 2,021,756; Nov. 19.
- Tellegen, Bernardus D. H., Eindhoven, Netherlands, assignor to Radio Corporation of America. Antenna coupling. 2,018,331; Oct. 22.
- Teller, Jacob, New Rochelle, and A. P. Schulz, assignor to Teller Stove Designing Corporation, New York, N. Y. Cooking range and stove. 1,998,343; Apr. 16.
- Teller, Jacob, New Rochelle, and A. P. Schulz, New York, assignors to Teller Stove Designing Corporation, New York, N. Y. Cooking range. 2,003,059.
- Teller, Jacob, New Rochelle, and A. P. Schulz, assignors to Teller Stove Designing Corporation, New York, N. Y. Gas or electric cooking range and stove. 2,013,931; Sept. 10.
- Teller, Spencer Jay, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure means. 2,000,200; May 7.
- Teller Stove Designing Corporation. (See Teller, J., and Schulz, assignors.)
- Tempel, August W., Higginsville, and W. C. Skaggs, Kansas City, Mo. Cultivator blade. 2,014,055; Sept. 10.
- Temple, Ernest E., Denver, Colo. Control system for radio receiving instruments. 2,010,044; Aug. 6.
- Temple, Fred W., La Crosse, Wis. Generator. 2,020,591; Nov. 12.
- Temple, Henry B., Woodbury, Ga. Static-releasing shoe. 2,023,346; Dec. 3.
- Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Controller. 1,992,048; Feb. 19.
- Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Valve mechanism. 1,993,195; Mar. 5.
- Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Control mechanism. 2,001,988; May 21.
- Temple, Robert, Inc. (See Temple, Robert, assignor.)
- Temple, Robert, Inc. (See Temple, Robert, Jr., assignor.)

- Temple, Robert, assignor to Robert Temple, Inc., Denver, Colo. Device to determine inclination of oil wells. 1,995,046; Mar. 19.
- Temple, Robert, Jr., assignor to Robert Temple, Inc., Denver, Colo. Power press. 2,003,843; June 4.
- Temple, Robert, Jr., Brooklyn, N. Y. Explosively actuated device. 2,017,329; Oct. 15.
- Temple, Robert B. (See Ragsdale, E. J. W., and Temple.)
- Temple, Robert B., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 2,016,525; Oct. 8.
- Templin, Richard L. (See Monroe, R. A., and Templin.)
- Templin, Richard L., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Cable vibration inhibitor. 1,992,553; Feb. 26.
- Templin, Richard L., New Kensington, and R. G. Sturm, Arnold, assignors to Aluminum Company of America, Pittsburgh, Pa. Support. 2,025,789; Dec. 31.
- Templin, William, Glen Ellyn, assignor to Briede & Rogovsky, Inc., Chicago, Ill. Display case. 1,997,241; Apr. 9.
- Ten Bosch, Njzn, Abraham, assignor to Naamlooze Venootschap: Maatschappij tot Exploitatie van "ten Bosch Octrooien N. V., Arnhem, Netherlands. Removing gases from porous materials. 2,012,374; Aug. 27.
- Ten Brink, Barend A. J., assignor to Heinrich Willem Karel De Brey, The Hague, Netherlands. Direct coupled amplifier. 1,986,554; Jan. 1.
- Tengel, Louis, Geneva, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Arrow. 1,999,601; Apr. 30.
- Tenison, Samuel A., South Pasadena, Calif. Shot. 1,986,687; Jan. 1.
- Tennant, G. H., Company. (See Pennock, Edward M., assignor.)
- Tennant, G. H., Company. (See Pennock, E. M., and McClelland, assignors.)
- Tenney, Dwight, Newark, N. J. Radiator. 1,996,691; Apr. 2.
- Tenney, Edgar L. (See Thorne, C. L., and Tenney.)
- Tenney, Perry L., Lansing, assignor to General Motors Corporation, Detroit, Mich. Clutch operating mechanism. 1,999,262; Apr. 30.
- Tenney, Vernon, Honolulu, Territory of Hawaii. Coaster. 2,014,268; Sept. 10.
- Teppema, Jan, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. 1 (nitro phenyl)-nitro or halo-mercaptobenzothiazoles. 1,989,469; Jan. 29.
- Teppema, Jan, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Pickling inhibitor. 1,990,963; Feb. 12.
- Teppema, Jan, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Carbamyl disulphides and preparation thereof. 2,024,613; Dec. 17.
- Tepper, Thomas W., Alturas, Calif. Bridle bit. 2,017,021; Oct. 8.
- Teran, Cesar. (See Oaks, O. O., and Teran.)
- Teraoka, Toyoharu, Shinagawa-ku, Tokyo, assignor to Kabushiki Kaisha Asahi Koki Seisakusho, Tokyo, Japan. Weighing scale. 2,026,290; Dec. 31.
- Ter Horst, William P., Bay Village, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Pickling of ferrous metals. 2,005,601; June 18.
- Terkelsen, Albert B., assignor to A. Terkelsen, Newton, Mass. Game board or the like. 2,017,479; Oct. 15.
- Terkelsen, Andrew. (See Terkelsen, Albert B., assignor.)
- Terman, Frederick E., Stanford University, Calif. Thermionic tube. 2,000,304; May 7.
- Terman, Frederick E., Stanford University, Calif. Frequency multiplier. 2,000,362; May 7.
- Terman, Frederick E., Stanford University, Calif. Thermionic tube. 2,006,079; June 25.
- Terman, Frederick E., Stanford University, Calif., assignor to Wired Radio, Inc., New York, N. Y. Electron tube. 2,000,673; May 7.
- Ternstedt Manufacturing Company. (See Blood, Harold L., assignor.)
- Ternstedt Manufacturing Company. (See Bowlus, B. H., and Hickman, assignors.)
- Ternstedt Manufacturing Co. (See Bowlus, B. H., and Schnell, assignors.)
- Ternstedt Manufacturing Company. (See De Orlow, Stephen, assignor.)
- Ternstedt Manufacturing Company. (See Field, H. C., and Bowlus, assignors.)
- Ternstedt Manufacturing Company. (See Field, H. C., and Simpson, assignors.)
- Ternstedt Manufacturing Company. (See Fisher, Alfred J., assignor.)
- Ternstedt Manufacturing Company. (See Flynn, J. B., and Graft, assignors.)
- Ternstedt Manufacturing Company. (See Graf, Edwin L., assignor.)
- Ternstedt Manufacturing Company. (See Hickman, J. G., Bowlus, Jackson, and Field, assignors.)
- Ternstedt Manufacturing Company. (See Jensen, Otto H., assignor.)
- Ternstedt Manufacturing Company. (See Lakin, John W., assignor.)
- Ternstedt Manufacturing Company. (See Schnell, William, assignor.)
- Ternstedt Manufacturing Company. (See Sweeney, James C., assignor.)
- Ternstedt Manufacturing Company. (See Van Voorhees, Harold E., assignor.)
- Ternstedt Manufacturing Company. (See Van Voorhees, H. E., and Archer, assignors.)
- Ternstedt Manufacturing Company. (See Van Voorhees, H. E., Andersen, and Archer, assignors.)
- Terr, Joseph. (See Kennedy, E. F., and Terr.)
- Terrell, E. C., et al. (See Alley, Thomas R., and J. D., assignors.)
- Terrell, Edgar A., Charlotte, N. C. Pump. 2,006,779; July 2.
- Terrell, Edgar A., assignor to The Terrell Machine Company, Charlotte, N. C. Portable lint clearer for textile machinery. 1,987,582; Jan. 8.
- Terrell, Edgar A., assignor to The Terrell Machine Company, Charlotte, N. C. Brake mechanism for bobbin strippers. 2,009,350; July 23.
- Terrell, Edgar A., Charlotte, assignor to The Terrell Machine Company, Charlotte, N. C. Bobbin stripper. 2,009,709; July 30.
- Terrell, Edgar A., assignor to The Terrell Machine Company, Charlotte, N. C. Bobbin stripper. 2,018,980; Oct. 29.
- Terrell, Edgar A., assignor to The Terrell Machine Company, Charlotte, N. C. Bobbin stripper. 2,020,266; Nov. 5.
- Terrell Machine Company, The. (See Terrell, Edgar A., assignor.)
- Terrey, Augustus G., London, England, assignor, by mesne assignments, to The Flintkote Company, New York, N. Y. Preparation of bituminous macadam. 2,026,198; Dec. 31.
- Terrey, Augustus G., L. G. Gabriel, and J. F. T. Blott, London, England, assignors, by mesne assignments, to The Flintkote Company, New York, N. Y. Manufacture of aqueous dispersions of bituminous or other water repellent materials. 2,009,821; July 30.
- Terrill, Clair J., assignor to The Kurz-Kasch Company, Dayton, Ohio. Closure cap. 2,014,093; Sept. 10.
- Terrill, Horace J. (See Patton, L. J., and Terrill.)
- Terrill, Leonard C., Detroit, Mich. Electromagnetic brake. 2,012,698; Aug. 27.
- Terry, Charles M. (See Andrews, L. V., and Terry.)
- Terry, Charles W., Detroit, Mich., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Regulating the output of a generator. 2,000,674; May 7.
- Terry, Charles W., Detroit, Mich., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Regulating the output of a generator. 2,000,675; May 7.
- Terry, Clifford B., Rocky Point, N. Y., assignor to Radio Corporation of America. Oscillator. 2,011,920; Aug. 20.
- Terry, Clifford B., Flushing, N. Y., assignor to Radio Corporation of America. High frequency receiver of the superheterodyne type. 2,024,614; Dec. 17.
- Terry, Edwin, Miami, Fla. Combined shutter and awning. 2,015,370; Sept. 24.
- Terry, Herbert & Sons Limited. (See Carwardine, George, assignor.)
- Terry, Lloyd G., Pasadena, Calif. Electrical conduit and wire ground connection. 1,986,028; Jan. 1.
- Terry, Matson C., Detroit, Mich., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling and dehumidifying system. 1,986,863; Jan. 8.
- Terry, Matson C., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company. Refrigerating apparatus. 1,990,883; Feb. 12.
- Terry, Matson C., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company. Refrigerating apparatus. 2,007,730; July 9.
- Terry, Roy V., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inspection device. 2,003,401; June 4.
- Terry, Russell B., Bryan, Tex. Game. 2,025,484; Dec. 24.
- Terry, Spencer B., West Hartford, assignor to Pratt & Whitney Company, Hartford, Conn. Thickness gauge. 2,007,840; July 9.
- Terry, Walter J., Seattle, Wash. Angular attachment for dental handpieces. 2,010,421; Aug. 6.
- Terwilliger, Seely M., and W. T. Sevens, Los Angeles, Calif., assignors of one-fourth to C. B. Foster, Glendale, Calif. Direction signal. 2,002,022; May 21.
- Terziev, George N., Solvay, assignor to The Solvay Process Company, Syracuse, N. Y. Purification of brines. 1,999,709; Apr. 30.
- Tesch, Elisabeth. (See Tesch, Franz, and E.)
- Tesch, Franz H. and E., Hanover, Germany. Necktie. 2,000,799; May 7.
- Tesek, Joseph, Cleveland, Ohio. Door construction. 2,020,044; Nov. 5.
- Tessky, Karl, Esslingen-on-the-Neckar, Germany. Apparatus for indexing turret heads. 1,988,675; Jan. 22.
- Tessky, Karl, Esslingen-on-the-Neckar, Germany. Work piece guide for machine tools. 2,002,282; May 21.
- Testi, Nicholas, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety blade. 2,003,761; June 4.
- Testi, Nicholas, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and blade. 2,004,086; June 4.
- Testi, Nicholas, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,004,087; June 4.

- Testi, Nicholas, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,006,062; June 25.
- Tetlow, Lewis J., Holyoke, Mass. Spark plug. 2,002,803; May 28.
- Tetlow, Lewis J., Holyoke, Mass. Piston. 2,022,224; Nov. 26.
- Tetlow, Lewis J., Holyoke, Mass. Valve. 2,022,791; Dec. 3.
- Tetlow, Lewis J., Holyoke, Mass. Spark plug. 2,025,914; Dec. 31.
- Tetlow, Max W., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Finishing the edges of flexible material. 2,007,262; July 9.
- Tetlow, Max W., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,012,325; Aug. 27.
- Tetlow, Max W., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Securing together pieces of stock. 2,019,585; Nov. 5.
- Teuber, George J., Bedford, N. H. Hose clamp. 2,009,907; July 30.
- Tevander, Olof N., assignor to Standard Cap & Seal Corporation, Chicago, Ill. Bottle capping machine. 1,990,148; Feb. 5.
- Tevander, Olof N., assignor to Standard Cap & Seal Corporation, Chicago, Ill. Bottle capping machine. 1,997,351; Apr. 9.
- Tevander, Olof N., assignor to Standard Cap & Seal Corporation, Chicago, Ill. Apparatus for producing wire. 2,012,176; Aug. 20.
- Teves, Alfred. (See Engel, Ernst, assignor.)
- Teves, Alfred, Frankfurt-on-the-Main, Germany. Evaporator for refrigeration machines. 2,005,013; June 18.
- Teves, Alfred, Maschinen- und Armaturen-Fabrik G. m. b. H. (See König, Wilhelm, assignor.)
- Teves, Marten C. (See de Boer, J. H., and Teves.)
- Tevis, Hugh. (See Rixen, Carl J., assignor.)
- Tewelow, Bernard, Wilmington, Del., and S. Tewelow, Philadelphia, Pa. Cutter blade holder. 2,003,497; June 4.
- Tewelow, Solomon. (See Tewelow, B. and S.)
- Tewes, Anthony B., assignor to Papendick, Inc., St. Louis, Mo. Composite baked bread loaf forming apparatus. 1,992,788; Feb. 26.
- Texas Company, The. (See Armistead, G., Jr., and Donaldson, assignors.)
- Texas Company, The. (See Armistead, G., and Ulrich, assignors.)
- Texas Company, The. (See Aycock, Nathaniel M., assignor.)
- Texas Company, The. (See Bailey, Douglas P., assignor.)
- Texas Company, The. (See Berliner, Meyer, assignor.)
- Texas Company, The. (See Cargill, E. L., and Bastion, assignors.)
- Texas Company, The. (See Carlstrom, John, assignor.)
- Texas Company, The. (See Clarke, Louis A., assignor.)
- Texas Company, The. (See Clarke, L. A., and Towne, assignors.)
- Texas Company, The. (See Cox, Edwin R., assignor.)
- Texas Company, The. (See De Florez, Luis, assignor.)
- Texas Company, The. (See Dengler, F. S., Gardner, and Felder, assignors.)
- Texas Company, The. (See Detwiler, J. G., Heisig, Rosnell, and Hall, assignors.)
- Texas Company, The. (See Dooley, Byron F., Jr., assignor.)
- Texas Company, The. (See Dudley, Andrew T., assignor.)
- Texas Company, The. (See Eastman, DuBois, assignor.)
- Texas Company, The. (See Elliott, Walton H., assignor.)
- Texas Company, The. (See Esch, Joseph F., assignor.)
- Texas Company, The. (See Gallagher, John S., assignor.)
- Texas Company, The. (See Gailsworth, Benjamin, assignor.)
- Texas Company, The. (See Gross, Howard H., assignor.)
- Texas Company, The. (See Hall, Frank W., assignor.)
- Texas Company, The. (See Hall, F. W., and Smith, assignors.)
- Texas Company, The. (See Halpern, M., and Beshara, assignors.)
- Texas Company, The. (See Harper, Edward A., assignor.)
- Texas Company, The. (See Hendrey, W. B., and Ebaugh, assignors.)
- Texas Company, The. (See Holmes, Will K., assignor.)
- Texas Company, The. (See Kaufman, Gus, assignor.)
- Texas Company, The. (See Kaufman, G., and Lauer, assignors.)
- Texas Company, The. (See Kershaw, William H., assignor.)
- Texas Company, The. (See Klzer, Howard W., assignor.)
- Texas Company, The. (See Levin, Harry, assignor.)
- Texas Company, The. (See Logan, William B., assignor.)
- Texas Company, The. (See Ludeman, Clifford G., assignor.)
- Texas Company, The. (See Manley, Robert E., assignor.)
- Texas Company, The. (See Manley, R. E., and Gee, assignors.)
- Texas Company, The. (See McCarty, B. Y., and Skelton, assignors.)
- Texas Company, The. (See McCollum, Burton, assignor.)
- Texas Company, The. (See McMillan, Wallace A., assignor.)
- Texas Company, The. (See Moor, Wendell A., assignor.)
- Texas Company, The. (See Pever, Ernest F., assignor.)
- Texas Company, The. (See Powell, Ross C., assignor.)
- Texas Company, The. (See Rees, H. V., and Ketcheson, assignors.)
- Texas Company, The. (See Remy, Theron P., assignor.)
- Texas Company, The. (See Sauls, James L., assignor.)
- Texas Company, The. (See Shea, Jerry L., assignor.)
- Texas Company, The. (See Shefstoad, Guy O., assignor.)
- Texas Company, The. (See Story, Le Roy G., assignor.)
- Texas Company, The. (See Stratford, William M., assignor.)
- Texas Company, The. (See Swearingen, Garrett V., assignor.)
- Texas Company, The. (See Talbot, B. B., Dawson, Carney, and Ratcliff.)
- Texas Company, The. (See Taveau, René de M., assignor.)
- Texas Company, The. (See Teichmann, Charles F., assignor.)
- Texas Company, The. (See Thurston, Robert R., assignor.)
- Texas Company, The. (See Titus, Leon D., assignor.)
- Texas Company, The. (See Towne, Charles C., assignor.)
- Texas Company, The. (See Trow, Richard F., assignor.)
- Texas Company, The. (See Vietti, W. V., and Garrison, assignors.)
- Texas Company, The. (See Wakefield, Leon L., assignor.)
- Texas Company, The. (See Walker, James B., assignor.)
- Texas Company, The. (See Watson, C. W., and Stapleton, assignors.)
- Texas Company, The. (See Weir, James W., assignor.)
- Texas Company, The. (See Wilson, James O. and W. W., assignors.)
- Texas Company, The. (See Winterson, F. J., Dudley, and Carlstrom, assignors.)
- Texas Harvest Hat Co. (See Uriwal, Alfons, assignor.)
- Texas Iron Works Sales Corporation. (See Church, Walter L., assignor.)
- Texas Iron Works Sales Corporation. (See Pearce, Louis M., assignor.)
- Texas Pacific Coal & Oil Co. (See Levine, I. Morris, assignor.)
- Texier, Peter J., assignor of one-half to J. Wood, Brooklyn, N. Y. Electric lamp fixture. 1,994,410; Mar. 12.
- Textier de la Caillerie, Ulysse, Secondigny-en-Gatine, France. Land and water motor vehicle. 2,000,827; May 7.
- Textile-Finishing Machinery Company, The. (See Lane, Frank A., assignor.)
- Textile Machine Works. (See Apprich, Robert N., assignor.)
- Textile Machine Works. (See Bitzer, Gottlob, assignor.)
- Textile Machine Works. (See Clauss, Friedrich M., assignor.)
- Textile Machine Works. (See Gastrich, Gustav, assignor.)
- Textile Machine Works. (See Krissiep, M., and Staub, assignors.)
- Textile Machine Works. (See Meyer, Christian F., assignor.)
- Textile Machine Works. (See Moyer, William H., assignor.)
- Textile Machine Works. (See Müller, Emil M., assignor.)
- Textile Machine Works. (See Richter, Max, assignor.)
- Textile Machine Works. (See Smetana, Otto F., assignor.)
- Textile Machine Works. (See Staub, Herman, assignor.)
- Textile Machine Works. (See Zwicky, Melchior, assignor.)
- Textile Machinery Corporation. (See Kelly, Edward J., assignor.)
- Textile Patent & Process Co. (See Cotchett, Louis M., assignor.)
- Textor, Clinton K., assignor to Northwest Paper Company, Clouet, Minn. Manufacture of pulp. 2,022,872; Dec. 3.
- Textor, Clinton K., assignor to Northwest Paper Company, Clouet, Minn. Manufacture of pulp. 2,022,873; Dec. 3.
- Textorius, John H., and J. F. Broderick, New York, N. Y. Air conditioning apparatus. 2,023,622; Dec. 10.
- Teyte, Maggie, Maldenhead, England. Recording characterization of voice production. 1,992,585; Feb. 26.
- Thach, John L. (See Carpenter, A. D., and Thach.)
- Thacher, Frank B. (See Royce, Howard W., assignor.)
- Thacker, Edgar M., Jr., and R. B. Munday, assignors, by mesne assignments, to The Fyr-Fyter Company, Dayton, Ohio. Automatic fire alarm. 1,991,004; Feb. 12.
- Thacker, Richard B., Jr., Houston, Tex., assignor to Sinclair Refining Company, New York, N. Y. Sweetening of hydrocarbon oil. 1,994,969; Mar. 19.
- Thackeray, Samuel J., assignor to Soabar Company, Philadelphia, Pa. Automatic counting device. 1,988,365; Jan. 15.
- Thackeray, Samuel J., and G. W. Henry, Jr., assignors to Soabar Company, Philadelphia, Pa. Tag. 1,988,366; Jan. 15.
- Thackwell, Henry L., Jacksonville, Tex., assignor to The Dorr Company, Inc., New York, N. Y. Sludge digesting tank. 2,023,295; Dec. 3.
- Thaheld, Feri A., Dallas, Tex., assignor, by mesne assignments to Guiberson Diesel Engine Company, Dover, Del. Fuel pumping mechanism for internal combustion engines. 1,997,985; Apr. 16.
- Thaheld, Feri A., assignor to The Guiberson Corporation, Dallas, Tex. Well swab. 2,013,903; Sept. 10.
- Thaheld, Feri A., Dallas, Tex., assignor to Guiberson Diesel Engine Company, Dover, Del. Fuel injecting mechanism. 2,020,624; Nov. 12.

- Thaheld, Feri A., assignor to The Guiberson Corporation, Dallas, Tex. Drill bit. 2,020,625; Nov. 12.
- Thal, Bernhard, Jamaica, N. Y., assignor of one-half to D. Goldman, Dorchester, Boston, Mass. Grip lock. 2,006,525; July 2.
- Thal, Bernhard, Boston, Mass. Doorlatch. 2,017,516; Oct. 15.
- Thal, Wilhelm, Nowawes, near Potsdam, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Supervising a loaded alternating current conductor. 2,011,384; Aug. 13.
- Thaler, Wilhelm. (See Lang, R. T., and Thaler.)
- Thalman, William B., Wilmette, Ill. Oil dispensing attachment for gasoline pumps. 2,011,021; Aug. 13.
- Tham, Howard A., assignor to The Mechanical Mold & Machine Company, Akron, Ohio. Profiling attachment for planers. 2,006,121; June 25.
- Thatcher, Everett A., Winnetka, and J. F. Fieg, LaGrange, assignors to United Screw and Bolt Corporation, Chicago, Ill. Screw. 2,021,704; Nov. 19.
- Thau, Charles K., Brooklyn, N. Y. Device for curling hair. 2,015,166; Sept. 24.
- Thayer Action Company. (See Dasenbrook, Charles H., assignor.)
- Thayer, Chester B., Benton Harbor, Mich. Container end and making same. 1,988,672; Jan. 22.
- Thayer, Clarence H., Media, assignor to Sun Oil Company, Philadelphia, Pa. Insulating unit. 1,997,324; Apr. 9.
- Thayer, Eddie F., San Diego, Calif. Plaster reenforcing for curved surfaces. 1,999,426; Apr. 30.
- Thayer, Howard P., Evanston, Ill. Cigarette holder. 2,001,827; May 21.
- Thayer, Oman G. (See McCulloch, N. E., and Thayer.)
- Thearle, Ernest L., Schenectady, N. Y., assignor to General Electric Company. Portable vibration indicator. 2,007,010; July 2.
- Thege, Edvin O. P., assignor to Aktiebolaget Atlas Diesel, Stockholm, Sweden. Pump. 1,989,720; Feb. 5.
- Thege, Edvin O. P., assignor to Aktiebolaget Atlas Diesel, Stockholm, Sweden. Pump. 2,019,103; Oct. 29.
- Theissing, William, Sherbrooke, Quebec, assignor of one-half to Césaire Gervais (née Mullins), Sherbrooke, Quebec, Canada. Fire alarm and extinguishing apparatus. 2,024,316; Dec. 17.
- Theisz, Emil, Budapest, assignor to Egyesült Izzólámpa és Villamosági részvénytársaság, Újpest, Hungary. Oxide cathode and making same. 2,019,546; Nov. 5.
- Thelen, Otto H. L., Lynn, Mass. Shoe shank stiffener. 2,006,846; July 2.
- Thelen, Rolf, Madison, Wis., dedicated to the free use of the public. Reversible circulation internal fan kiln. 2,001,001; May 14.
- Theler, Frederick J., assignor to Cincinnati Grinder Incorporated, Cincinnati, Ohio. Grinding machine. 1,991,712; Feb. 19.
- Theler, Frederick J., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,006,724; July 2.
- Theler, Frederick J., Cincinnati, G. V. Johnston, Loveland, and W. Peaslee, Cincinnati, Ohio. Lapping machine. 2,017,875; Oct. 22.
- Thelin, Oscar A. (See Münster, P. L., and Thelin.)
- Themar, Benjamin J., Hastings, Nebr. Angle indicator for corncrakes. 2,014,485; Sept. 17.
- Thener, Arthur F., assignor to Cupples Company, Manufacturers, St. Louis, Mo. Wrench. 2,003,983; June 4.
- Theobald, Harry J., Kearny, assignor to Robins Conveying Belt Company, Passaic, N. J. Producing granular poultry food. 2,019,547; Nov. 5.
- Theobald, Jean G., assignor to International Silver Company, Meriden, Conn. Border design construction. 2,026,107; Dec. 31.
- Theodore, Benjamin, Hartford, Conn. Glider. 2,008,997; July 23.
- Théodoridis, Michel, Paris, France. Mixing and distributing cock for hydrotherapy. 1,992,104; Feb. 19.
- Theodos, Vangel, San Francisco, Calif. Railway crossing. 1,992,404; Feb. 26.
- Theriault, Antoine, Nashua, N. H. Brake equalizer. 2,017,774; Oct. 15.
- Thermal Engineering Corporation. (See Smith, Horace L., Jr., assignor.)
- Thermal Engineering Corporation. (See Smith, H. L., and Jones, assignors.)
- Thermatomic Carbon Company. (See Spear, E. B., and Moore, assignors.)
- Thermo Hydraulic Shock Absorber Company. (See Robins, Walter C., assignor.)
- Thermoid Rubber Company. (See Pardoe, William D., assignor.)
- Therm-O-Lectric Corporation. (See Shoop, F. H., Grant, and McCormick, assignors.)
- Theriault, Martin. (See Demers, Roger L., assignor.)
- Thesmar, Frederic, Memphis, Tenn. Lip stick and cosmetic container. 1,999,263; Apr. 30.
- Thessing, Frank C., Toledo, Ohio. Razor blade holder. 2,017,359; Oct. 15.
- Theuer, Hans, assignor to Eckert & Ziegler G. m. b. H., Cologne-Braunsfeld, Germany. Die-casting machine. 1,986,544; Jan. 1.
- Theuerkauf, Friedrich, Nowawes/Potsdam, Germany. Apparatus and method of transporting live fishes. 2,001,989; May 21.
- Theunissen, Hervé, Charleroi, Belgium. Gas burner or the like. 2,018,582; Oct. 22.
- Thew Shovel Company. (See Wilson, Emery J., assignor.)
- Thew Shovel Company, The. (See Zeilman, Roy H., assignor.)
- Thewes, William O., assignor to The Ridge Tool Company, North Ridgeville, Ohio. Die stock. 2,004,639; June 11.
- Thibault, Albert, Bonne Madone, Saskatchewan, Canada. Automatic ignition cut-off which operates when oiling system ceases to function. 2,013,294; Sept. 3.
- Thibault, Federico J. (See Greenfield, E., and Thibault.)
- Thibeau, Antoine, Tourcoing, France. Burring motion for treating wool and other textile fibers. 2,009,282; July 23.
- Thiberge, Paul L. A., Nanterre, France. Mixing device. 2,016,061; Oct. 1.
- Thibert, Joseph A. N., Fitchburg, Mass., assignor to J. Bird Moyer Company, Inc., Philadelphia, Pa. Mouth prop. 2,019,060; Oct. 29.
- Thicke, Claude S. (See De Bou, H. G. and Thicke.)
- Thiele, Frank, Brooklyn, N. Y. Snap fastener. 2,013,528; Sept. 3.
- Thiele, Gustav P., Bedford, Ohio. Goggles. 1,986,688; Jan. 1.
- Thiele, Max. (See Kranzlein, G., Greune, and Thiele.)
- Thieman, William B., Albert City, Iowa, assignor, by mesne assignments, to Deere & Company, Moline, Ill. Corn picker. 2,004,711; June 11.
- Thiemann, Henry, Reedsburg, Wis. Clinical thermometer. 1,990,922; Feb. 12.
- Thieme, George B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Interlock. 2,023,752; Dec. 10.
- Thieme, Otto, Hartford, Conn., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,020,340; Nov. 12.
- Thieme, Otto, Hartford, Conn., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,020,341; Nov. 12.
- Thieman, Hermann H., San Francisco, Calif. Hair waver. 1,995,369; Mar. 26.
- Thierfelder, Rudolph A., assignor to Phoenix Hosiery Company, Milwaukee, Wis. Nonrun fabric and making the same. 1,993,902; Mar. 12.
- Thierfelder, Rudolph A., assignor to Phoenix Hosiery Company, Milwaukee, Wis. Mechanism for making nonrun fabric. 1,993,903; Mar. 12.
- Thierry, Joseph A. (See Hulbert, W. G., and Thierry.)
- Thies, Herman R., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,017,808; Oct. 15.
- Thiex, John J., Carson City, Nev. Quartz mill. 2,019,061; Oct. 29.
- Thiman, Gunnar, assignor to Aktiebolaget Alcus, Stockholm, Sweden. Double acting winch. 2,010,280; Aug. 6.
- Thimann, Max, Cologne-Braunsfeld, assignor to firm Dr. Bekk & Kaulen Chemische Fabrik G. m. b. H., Loevenich, near Cologne, Germany. Shellac solution for the production of etched photographic printing forms and preparing it. 2,005,060; June 18.
- Thiophene Products Company. (See Hessle, Eric T., assignor.)
- Thiry, Johannes. (See Arni, H. and Thiry.)
- Thiry, Johannes, Berlin-Charlottenburg, Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland. Machine for goffering lenticulated films. 1,994,054; Mar. 12.
- Thiry, Leon, Huy, Belgium. Elastic shaft coupling. 2,004,712; June 11.
- Thiss, Hoyt, Minneapolis, Minn., assignor to Hartman Trunk Company, Racine, Wis. Garment tray. 1,987,722; Jan. 15.
- Thistlethwaite, Arthur W., Atchison, Kans. Safety razor. 2,003,872; June 4.
- Thoen, Lowell H., Stockton, assignor, by mesne assignments, to Caterpillar Tractor Co., San Leandro, Calif. Header pick-up. 1,990,054; Feb. 5.
- Thoen, Lowell H., Stockton, assignor to Caterpillar Tractor Co., San Leandro, Calif. Chain. 1,994,840; Mar. 19.
- Thoen, Lowell H., Stockton, assignor to Caterpillar Tractor Co., San Leandro, Calif. Mower. 2,000,363; May 7.
- Thoen, Lowell H., Stockton, assignor to Caterpillar Tractor Co., San Leandro, Calif. Land vehicle construction. 2,000,364; May 7.
- Thoen, Lowell H., assignor to Caterpillar Tractor Co., San Leandro, Calif. Threshing. 2,003,522; June 4.
- Thoen, Lowell H., assignor to Caterpillar Tractor Co., San Leandro, Calif. Threshing. 2,003,523; June 4.
- Thogmartin-Reis Construction Co., The. (See Reis, Albert F., assignor.)
- Thoke, Rudolph G., La Grange, assignor to Hydrex Corporation, Chicago, Ill. Confection. 2,001,371; May 14.
- T-Hold Manufacturing Company, The. (See Firth, William C., assignor.)
- Thole, Ferdinand B., S. F. Birch, and W. D. Scott, Sunbury-on-Thames, assignors to Anglo-Persian Oil Company Limited, London, England. Production of ethylene oxide. 1,986,082; Jan. 1.
- Tholl, John F., Needham, assignor to American Tool and Machine Company, Boston, Mass. Centrifugal separator. 2,018,474; Oct. 22.

- Thom, Fred W., Janesville, Wis. Display stand. 2,024,550; Dec. 17.
- Thoma, Erwin, Frankfurt-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyeing of cellulose esters and ethers. 2,012,553; Aug. 27.
- Thoma, Hans, Karlsruhe, Germany. Hydraulic motor and pump. 2,008,937; July 23.
- Thomae, Alfred O., Berlin-Steglitz, Germany. Preparation of talking machine plates. 2,004,400; June 11.
- Thomae, Hans. (See Schimmelschmidt, K., and Thomae.)
- Thomae, Hans, Frankfurt-on-the-Main, A. Modersohn, Cologne-Mulheim-on-the-Rhine, F. Müller, Frankfurt-on-the-Main, and F. Muth, Leverkusen-I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo-dyestuff and fiber dyed therewith. 2,015,204; Sept. 24.
- Thomalla, Theo, Solingen, Germany. Safety lock. 2,015,735; Oct. 1.
- Thomann, Frederick A., East Moline, assignor to Deere & Company, Moline, Ill. Harvester. 2,001,077; May 14.
- Thomann, Frederick A., East Moline, assignor to Deere & Company, Moline, Ill. Harvester. 2,004,713; June 11.
- Thomas, Adolph A., New York, N. Y. Vehicle bumper bar. 1,988,924; Jan. 22.
- Thomas, Adolph A., New York, N. Y. Radio tuning apparatus. 1,997,158; Apr. 9.
- Thomas, Adolph A., New York, N. Y. Electric lamp. 1,997,781; Apr. 16.
- Thomas, Adolph A., New York, N. Y. Remote control device for radioreceivers. 2,002,443; May 21.
- Thomas, Adolph A., New York, N. Y. Remote control apparatus for radioreceivers. 2,010,904; Aug. 13.
- Thomas, Adolph A., New York, N. Y. Remote control system for radioreceivers. 2,021,705; Nov. 19.
- Thomas, Adolph A., New York, N. Y. Circuit controlling apparatus. 2,025,136; Dec. 24.
- Thomas, Adolph A., New York, N. Y., assignor to American Telephone and Telegraph Company. Electric phonograph reproducer. 1,992,727; Feb. 26.
- Thomas, Adolph A., New York, N. Y., assignor to Radio Corporation of America. Combined recording and reproducing device. 1,992,893; Feb. 26.
- Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Loud speaker. 2,004,735; June 11.
- Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Electrostatic loud speaker. 2,004,736; June 11.
- Thomas, Adolph A., New York, N. Y., assignor to Radio Corporation of America. Acoustic and cinematographic apparatus. 2,022,902; Dec. 3.
- Thomas, Adolph A., New York, N. Y., assignor to Radio Corporation of America. Household cabinet for motion picture projection. 2,022,903; Dec. 3.
- Thomas, Albert, Homestead Park, Pa. Boring tool. 2,003,402; June 4.
- Thomas, Albert G., Lynchburg, Va. Flower holder. 1,989,952; Feb. 5.
- Thomas, Albert G., Lynchburg, Va. Quick reading viscosimeter. 2,022,578; Nov. 26.
- Thomas, Albert R., assignor to Electrolux Servel Corporation, New York, N. Y. Cooling element for refrigerating systems. 2,008,343; July 16.
- Thomas, Arba H. (See Hoover, G. R., and Thomas.)
- Thomas, Arthur L., Trenton, and L. D. Ellis, Princeton, N. J. Hair straightening method. 1,986,689; Jan. 1.
- Thomas, Arthur L., Trenton, and L. D. Ellis, Princeton, N. J. Hair straightening device. 2,006,284; June 25.
- Thomas, Arthur M., assignor to Thomas & Marcus, Inc., New York, N. Y. Undergarment. 2,011,462; Aug. 13.
- Thomas, Arthur M., assignor to Thomas & Marcus, Inc., New York, N. Y. Combined fundation bandeau and apron. 2,021,033; Nov. 12.
- Thomas, Arthur R., Detroit, Mich. Tractor trailer coupling. 1,986,231; Jan. 1.
- Thomas, Arthur W. (See Pennington, M. E., and Thomas.)
- Thomas, August, assignor to Anker-Werke Aktiengesellschaft, Bielefeld, Germany. Thread drawing machine. 2,019,586; Nov. 5.
- Thomas, Austin K., Upper Darby, assignor to Blaw-Knox Company, Pittsburgh, Pa. Apparatus for feeding and weighing material. 1,994,797; Mar. 19.
- Thomas & Betts Co., The. (See Buchanan, Stephen N., assignor.)
- Thomas, Cecil A., Lawrenceville, Va. Extensible temporary bridge. 2,002,048; May 21.
- Thomas, Charles, assignor to Tips Engine Works, Austin, Tex. Lock for meter box cover. 2,007,509; July 9.
- Thomas, Charles A., assignor, by mesne assignments, to Monsanto Petroleum Chemicals, Inc., Dayton, Ohio. Prepared resin. 2,023,495; Dec. 10.
- Thomas, Charles A., Wayne, assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Wetting, emulsifying, and washing agent. 1,992,160; Feb. 19.
- Thomas, Charles A., Wayne, assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Production of alkyl substituted aryl hydrocarbons. 1,995,827; Mar. 26.
- Thomas, Charles A., Wayne, assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Producing alkyl phenols. 1,999,793; Apr. 30.
- Thomas, Charles A., Wayne, and C. G. Grosscup, assignors to The Sharples Solvents Corporation, Philadelphia, Pa. Corrosion inhibitor. 1,996,730; Apr. 2.
- Thomas, Charles A., and C. A. Hochwalt, Dayton, assignors to The Mead Research Engineering Company, Chillicothe, Ohio. Pigment. 2,000,050; May 7.
- Thomas, Charles C., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,014,346; Sept. 10.
- Thomas, Claud L., assignor of one-third to G. J. Smith and one-third to I. R. Goodsell, Tulsa, Okla. Power operated brake mechanism. 1,986,487; Jan. 1.
- Thomas, David I., Penygraig, Wales. Treatment of cereals for animal and human consumption. 2,015,388; Sept. 24.
- Thomas, Earl R., Palisades Park, N. J. Electric circuit controlling apparatus. 1,997,986; Apr. 16.
- Thomas, Edith M., Meatian Township, Tatchera County, Victoria, Australia. Device for dispensing lubricants and the like. 2,020,528; Nov. 12.
- Thomas, Edward A., Telford, Pa., and E. M. Cadwallader, assignors to Thomas Mineral Cutting Machine Co., Inc., Cleveland, Ohio. Mining. 1,998,294; Apr. 16.
- Thomas, Edward B. (See Baker, W., and Thomas.)
- Thomas, Edward G., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Controlling device. 2,002,379; May 21.
- Thomas, Emery J., West Palm Beach, Fla. Noiseless stop. 2,022,013; Nov. 26.
- Thomas, Frank R., Los Angeles, Calif. Fluid machine. 1,996,889; Apr. 9.
- Thomas, Frank W., Pasadena, Calif. Auxiliary air meter for the intake manifold of an internal combustion engine. 1,996,219; Apr. 2.
- Thomas, Frank W., Lincoln Place, Pa. Airplane control. 2,005,061; June 18.
- Thomas, Franz. (See Komm, P. M., Thomas, Madill, and Pearson.)
- Thomas, Frederick, Philadelphia, Pa. Index card. 2,021,950; Nov. 26.
- Thomas, Frederick G., Berrigan, New South Wales, Australia. Drawbar and coupling for lawn mowers. 1,995,785; Mar. 26.
- Thomas, Frederick W., Waycross, Ga. Core extractor or sampler. 2,024,076; Dec. 10.
- Thomas, Frederick W., Englewood, and J. C. Lewis, assignors to The Clark Thread Company, Newark, N. J. Thread. 1,987,453; Jan. 8.
- Thomas, George C., Swampscott, assignor to United Last Company, Portland, Me. Boot-tree. 2,006,419; July 2.
- Thomas, George J., South Bend, Ind. Brake. 1,991,525; Feb. 19.
- Thomas, George J., South Bend, Ind., assignor to Brake Synchrometer Co., Boston, Mass. Brake testing apparatus. 2,011,921; Aug. 20.
- Thomas, George J., Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Brake testing apparatus. 2,011,783; Aug. 20.
- Thomas, Harold N., Topeka, Kans. Direction signal. 2,024,077; Dec. 10.
- Thomas, Harry F., Spokane, Wash. Combination tray and cigarette extinguishing device. 1,988,760; Jan. 22.
- Thomas, Henry P., Schenectady, N. Y., assignor to General Electric Company. Direction finding system. 1,991,476; Feb. 19.
- Thomas, Henry P., Schenectady, N. Y., assignor to General Electric Company. Direction responsive system. 2,016,977; Oct. 8.
- Thomas, Henry P., Schenectady, N. Y., assignor to General Electric Company. Electric gauge. 2,016,978; Oct. 8.
- Thomas, Holst Company. (See Wilson, Alexander H., assignor.)
- Thomas, Horace T., assignor to Reo Motor Car Company, Lansing, Mich. Delivery vehicle. 2,004,385; June 11.
- Thomas, Horace T., assignor to Reo Motor Car Company, Lansing, Mich. Clutch operating mechanism. 2,006,753; July 2.
- Thomas, Horace T., assignor to Reo Motor Car Company, Lansing, Mich. Synchronizing means for transmission mechanisms. 2,017,997; Oct. 22.
- Thomas, Horace T., and A. B. Hays, Lansing, Mich., assignors to Reo Motor Car Company. Transmission mechanism. 1,988,466; Jan. 22.
- Thomas, Horace T., and J. Bethune, assignors to Reo Motor Car Company, Lansing, Mich. Transmission mechanism. 1,988,636; Jan. 22.
- Thomas, Horace T., and A. B. Hays, Lansing, Mich., assignors to Reo Motor Car Company. Transmission mechanism. 2,016,350; Oct. 8.
- Thomas, Idris. (See Fisher, Robert P., assignor.)
- Thomas, Jesse F., and C. R. Brown, New London, Wis. Beer dispensing and carbonating apparatus. 1,991,264; Feb. 12.
- Thomas, Johannes R. W., Dresden, Germany. Slipping coupling device. 2,016,464; Oct. 8.
- Thomas, John. (See Fairweather, D. A. W., and Thomas.)
- Thomas, John. (See Smith, W., Primrose, and Thomas.)
- Thomas, John. (See Thorpe, J. F., Linstead, and Thomas.)
- Thomas, John G., New York, N. Y. Treatment of liquids and apparatus. 1,994,055; Mar. 12.
- Thomas, John G., New York, N. Y. Method and apparatus for treating slimy materials. 2,005,812; June 25.
- Thomas, John H., Newark, Ohio, assignor to Owens-Illinois Glass Company. Caked glass wool and its manufacture. 2,016,401; Oct. 8.

- Thomas, John V., Pasadena, assignor to Natural Gas Equipment Inc., Los Angeles, Calif. Pressure control apparatus. 2,013,222; Sept. 3.
- Thomas, Joseph R., Oak Park, Ill. Davenport bed. 2,007,988; July 16.
- Thomas, Lawrence H. (See Kuhn, F., and Thomas.)
- Thomas, La Vern E., assignor to Electrical Research Products Inc., Los Angeles, Calif. Motion picture projecting and sound reproducing apparatus. 2,008,881; July 23.
- Thomas, Lawrence J., Mount Angel, Oreg. Strainer. 2,003,653; June 4.
- Thomas, Lawrence W., assignor of one-third to J. R. Braswell, Marion, S. C. Tobacco flue protector. 2,024,078; Dec. 10.
- Thomas, Linley M., Cleveland Heights, Ohio. Handy floral stake. 1,998,031; Apr. 16.
- Thomas, Lloyd L., Oakland, Calif. Figure toy. 2,020,811; Nov. 12.
- Thomas, Logan E., Los Angeles, Calif. Well drilling tool. 2,008,523; July 16.
- Thomas, Louis G. L., Chicago, Ill. Vacuum pump. 2,022,904; Dec. 3.
- Thomas & Marcus, Inc. (See Thomas, Arthur M., assignor.)
- Thomas, Michel, Los Angeles, Calif. Automatic pin resetting mechanism for bowling alleys. 1,994,411; Mar. 12.
- Thomas Mineral Cutting Machine Co. (See Thomas, E. A., and Cadwallader, assignors.)
- Thomas, Norman M., assignor to Joe Lowe Corporation, Brooklyn, N. Y. Apparatus for forming confections. 2,019,877; Nov. 5.
- Thomas, Ralph B. (See Malloy, F. J., and Thomas.)
- Thomas, Raymond E. (See Brubaker, M. M., and Thomas.)
- Thomas, Reginald J., Bristol, assignor to C. Walmsley and Company Limited, Bury, and St. Anne's Board Mill Company Limited, Bristol, England. Reticulate drum or cylinder of paper-making and like machines. 1,988,402; Jan. 15.
- Thomas, Richard, assignor of one-half to W. J. Bryan, Jr., Los Angeles, Calif. Film gate and septum for projecting machines. 2,016,690; Oct. 8.
- Thomas, Richard, assignor of one-half to W. J. Bryan, Jr., Los Angeles, Calif. Apparatus for double simultaneous projection. 2,016,691; Oct. 8.
- Thomas, Richard, assignor of one-half to W. J. Bryan, Jr., Los Angeles, Calif. Illuminating system for projecting motion pictures in color. 2,016,692; Oct. 8.
- Thomas, Richard, assignor of one-half to Wm. Jennings Bryan, Jr., Los Angeles, Calif. Light source for projectors. 2,017,575; Oct. 15.
- Thomas, Robert, Lake, Miss. Paper making process. 1,998,344; Apr. 16.
- Thomas, Robert, and W., Philadelphia, Pa. Lever and lock. 1,986,126; Jan. 1.
- Thomas, Robert A., Hollowville, assignor of one-half to H. Gardner, Claverack, N. Y. Berry box. 2,017,222; Oct. 15.
- Thomas, Rossell W., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Apparatus for transferring volatile liquids. 2,012,362; Aug. 27.
- Thomas, Rossell W., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Apparatus for the production of gaseous mixtures. 2,021,271; Nov. 19.
- Thomas, Rossell W., and F. J. Harlow, Detroit, Mich., assignors to Phillips Petroleum Company, Bartlesville, Okla. Apparatus for handling liquefied gases. 2,012,361; Aug. 27.
- Thomas, Roy, Los Angeles, Calif., assignor to The Bastian-Blessing Company, Chicago, Ill. Welding torch mixer. 1,994,841; Mar. 19.
- Thomas, Samuel B., Berkeley, assignor to T. B. Swift, Contra Costa County, Calif. Sponge iron kiln. 1,990,845; Feb. 12.
- Thomas, Thomas A. W., Los Angeles, Calif. Insulator for storage battery plates. 2,005,275; June 18.
- Thomas, Thomas C., and S. J. Sferra, Youngstown, Ohio. Threading pipe couplings. 2,025,558; Dec. 24.
- Thomas, Thomas H. (See Farmer, C. C., and Thomas.)
- Thomas, Thomas M., Huntington Park, assignor to Killefer Manufacturing Corporation, Ltd., Los Angeles, Calif. Direct connected implement. 2,015,823; Oct. 1.
- Thomas, Vernon, Duluth, Minn. Hot drink dispenser. 2,012,645; Aug. 27.
- Thomas, Victor W., assignor to E. A. Harrington, Waukegan, Ill., trustee. Induction coil. 2,014,540; Sept. 17.
- Thomas, William. (See Thomas, Robert and W.)
- Thomas, William B. (See Brinker, H. S., and Thomas.)
- Thomas, William D., Lynnfield, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cement sole-attaching machine. 2,001,002; May 14.
- Thomas, William J., Great Falls, Mont., assignor to Anaconda Copper Mining Company, New York, N. Y. Metallurgical furnace. 2,013,975; Sept. 10.
- Thomas, William L., Haverstraw, N. Y., assignor to The New York Central Railroad Company. Doorway structure for box cars. 2,016,731; Oct. 8.
- Thomas, William M., Los Angeles, Calif. Lens structure with prisms. 1,988,882; Jan. 22.
- Thomas, William S., assignor of one-half to E. L. Heckert, Montoursville, Pa. Thermostatic controlling device. 2,003,060; May 28.
- Thomas, William S., assignor of one-half to E. W. Heckert, Montoursville, Pa. Water heater. 2,025,256; Dec. 24.
- Thomas, Willis P. (See Snow, N. L., and Thomas.)
- Thomas, Willis P., and F. Bowers, Detroit, and C. E. Gross, Pleasant Ridge, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 2,023,108; Dec. 3.
- Thomasma, Harry, Grand Rapids, Mich. Seat cover holder. 2,002,721; May 28.
- Thomasma, John C., Chicago, Ill. Seat cover package rack. 1,987,723; Jan. 15.
- Thomasma, John C., Chicago, Ill. Toilet seat pack and container. 1,995,158; Mar. 19.
- Thomason, Hjalmar, Los Angeles, Calif. Brake lining machine. 1,997,609; Apr. 16.
- Thomason-Judd Wire Machinery Company. (See Pettersson, Arthur R., assignor.)
- Thomaston Laboratories, Inc. (See Scribner, R. B., and Ekstrand, assignors.)
- Thommen, Hans, Ennetbaden, assignor to Aktien Gesellschaft Brown Boveri & Cie, Baden, Switzerland. Electric circuit breaker. 1,998,743; Apr. 23.
- Thompsett, Harry A., Baling, London, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Talking machine. 1,993,867; Mar. 12.
- Thompsett, Harry A., London, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automatic talking machine. 2,012,326; Aug. 27.
- Thompson, Albert C. (See Almquist, M. L., and Thompson.)
- Thompson, Albert R., assignor to Food Machinery Corporation, San Jose, Calif. Fruit handling apparatus. 1,987,916; Jan. 15.
- Thompson, Albert R., San Jose, assignor to Pacific Machinery Company, San Francisco, Calif. Fruit pitting device with vibratory pitting means. 2,004,301; June 11.
- Thompson, Albert R., San Jose, Calif., assignor to Pacific Machinery Company, San Francisco, Calif. Fruit pitting machine with vibratory pitting means. 2,009,567; July 30.
- Thompson, Albert R., assignor to Food Machinery Corporation, San Jose, Calif. Method and apparatus for filling granular material into moving containers. 2,015,164; Sept. 24.
- Thompson, Albert R., assignor to Food Machinery Corporation, San Jose, Calif. Stacked box dumping machine. 2,018,748; Oct. 29.
- Thompson, Albert R., San Jose, assignor to Food Machinery Corporation, San Jose, Calif. Combined pressure exhaustor and cooker. 2,020,342; Nov. 12.
- Thompson, Albert R., San Jose, assignor to Pacific Machinery Company, San Francisco, Calif. Peach pitter. 2,022,792; Dec. 3.
- Thompson, Albert R., San Jose, assignor to Pacific Machinery Company, San Francisco, Calif. Split peach pitter. 2,023,037; Dec. 3.
- Thompson, Albert R., assignor to Food Machinery Corporation, San Jose, Calif. Rotary dispensing bin. 2,025,316; Dec. 24.
- Thompson, Alfred P., Pittsburgh, Pa., assignor to The Carborundum Company, Niagara Falls, N. Y. Disintegration of ceramic bonded articles. 2,019,062; Oct. 29.
- Thompson-Allen, Aubrey. (See Willis, H., and Thompson-Allen.)
- Thompson, Allison J., Cleveland, Ohio. Mercury vapor lamp. 2,024,311; Dec. 17.
- Thompson, Andrew E. (See Brewster, O. C., Paulus, and Thompson.)
- Thompson, Andrew F., Dorchester, Mass. Safety razor. 2,013,042; Oct. 22.
- Thompson, Arthur E., and W. D. Graves, Seattle, Wash., assignors to International Register Company, Chicago, Ill. Portable cutting machine. 1,989,120; Jan. 29.
- Thompson, Augustus F., Huntington, W. Va. Gas stove leg. 2,019,203; Oct. 29.
- Thompson, Benjamin H., Ardara, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure governor. 2,017,674; Oct. 15.
- Thompson, Beriah, M., U. S. Navy. Ventilated impervious suit. 2,006,373; July 2.
- Thompson, Browder J., Summit, N. J., assignor to Radio Corporation of America. Tuning indicator tube. 1,994,733; Mar. 19.
- Thompson, Browder J., East Orange, N. J., assignor to Radio Corporation of America. Oscillation generator. 2,022,988; Dec. 3.
- Thompson, Cecil C., Washington, D. C. Gas purger for refrigerating systems. 1,990,846; Feb. 12.
- Thompson, Charles H., Santa Barbara, Calif. Clothes hanger. 1,999,310; Apr. 30.
- Thompson, Charles L., T. S. Bacon, and J. E. Bludworth, Eastland, Tex., assignor, by mesne assignments, to Hanlon-Buchanan, Inc. Treatment of hydrocarbons. 2,004,714; June 11.
- Thompson, Charles S., Elmhurst, assignor to Union Special Machine Company, Chicago, Ill. Felling machine for seaming fabric sections. 1,988,399; Jan. 15.
- Thompson, Charles S., Elmhurst, assignor to Union Special Machine Company, Chicago, Ill. Felling machine for seaming fabric sections. 1,988,400; Jan. 15.
- Thompson, Charles S., Elmhurst, assignor to Union Special Machine Company, Chicago, Ill. Felling machine for joining fabric sections. 1,988,401; Jan. 15.
- Thompson, Christie, Los Angeles, Calif. Bevel square. 1,995,658; Mar. 26.

- Thompson, Claude S., assignor to Thompson Paint Manufacturing Co., Seattle, Wash. Fire extinguishing paint or coating composition and process of making the same. 1,996,089; Apr. 2.
- Thompson, Clement E., assignor to Structo Manufacturing Company, Freeport, Ill. Riding toy. 2,006,420; July 2.
- Thompson, Clifford F., Chicago, Ill. Automatic control for ice-cream freezers. 1,999,794; Apr. 30.
- Thompson Continuously Operating Filter Press Company. (See Thompson, Robert M., assignor.)
- Thompson, E. L., Chair Corporation. (See Stinson, Richard, assignor.)
- Thompson, Earl A., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Synchronizing device. 2,022,095; Nov. 26.
- Thompson, Earl A., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Synchronized power transmission mechanism. 2,022,096; Nov. 26.
- Thompson, Earl J., Royal Oak, Mich. Electric air pressure indicating device. 1,996,178; Apr. 2.
- Thompson, Edward C., Bound Brook, N. J. Plant holder. 2,016,732; Oct. 8.
- Thompson, Edward D., Warren, assignor to The Stevens Metal Products Company, Niles, Ohio. Insulated metallic container. 2,005,247; June 18.
- Thompson, Edward D., Warren, assignor to The Stevens Metal Products Company, Niles, Ohio. Metallic receptacle. 2,005,248; June 18.
- Thompson, Elmer B., assignor to National Sales & Manufacturing Company, Des Moines, Iowa. Transmission drive mechanism for toy automobiles. 2,023,716; Dec. 10.
- Thompson Engineering Company. (See Thompson, Richard C., assignor.)
- Thompson, Fay A., Colfax, Iowa. Grinding apparatus. 2,016,351; Oct. 8.
- Thompson, Frank, Marcq en Baroeul, France, assignor to International Harvester Company. Detachable cup for planters. 2,017,738; Oct. 15.
- Thompson, Fred C., Detroit, Mich., assignor to Morse Chain Company, Ithaca, N. Y. Clutch. 2,024,486; Dec. 17.
- Thompson, Glenn L., assignor of forty-nine one hundredths to M. G. Lisak, Chicago, Ill. Golf machine. 2,018,291; Oct. 22.
- Thompson, Harold E. (See Thompson, Victor T., assignor.)
- Thompson, Harry C., East Orange, N. J., assignor to General Electric Company. Glow discharge relay. 2,021,034; Nov. 12.
- Thompson, Harry E., Providence, R. I., assignor to Anacanda Wire & Cable Company, New York, N. Y. Expandable woven tubing. 2,009,075; July 23.
- Thompson, Harry F. (See Bonls, Eli K., assignor.)
- Thompson, Henry G., East Cleveland, Ohio. Corkscrew. 1,988,057; Jan. 15.
- Thompson, Henry H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Beacon. 2,003,022; May 28.
- Thompson, Henry H., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control of revolving beacons. 2,008,408; July 16.
- Thompson, Herbert A., Benton, Northumberland, England. Separator for liquids having different specific gravities. 2,002,253; May 21.
- Thompson, Herbert H. (See Wittkuhn, B. A., and Thompson.)
- Thompson, Herbert L., assignor to The Williams Manufacturing Co., Inc., Elgin, Ill. Chiropractor's table. 1,989,434; Jan. 29.
- Thompson, Herbert L., Elgin, assignor to Reynolds Wire Co., Dixon, Ill. Wire weaving machine and weaving wire cloth. 2,022,225; Nov. 26.
- Thompson, Herbert L., assignor to Nashua River Paper Company, East Pepperell, Mass. Separating sheet material. 2,017,449; Oct. 15.
- Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Controlling apparatus for highway crossing signals. 1,998,175; Apr. 16.
- Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,018,818; Oct. 29.
- Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Multiple control apparatus. 2,025,005; Dec. 17.
- Thompson, James S., New Rochelle, assignor to Waugh Equipment Company, New York, N. Y. Grate bar. 2,012,148; Aug. 20.
- Thompson, John B. D. (See Christiansen, J., and Thompson.)
- Thompson, John H., assignor to R. M. McFadden, Glendale, Calif. Curler. 2,003,195; July 16.
- Thompson, John L., assignor of one-half to G. Laganas, Lowell, and one-half to L. A. Wilson, Somerville, Mass. Pneumatic press for cementing soles on shoes. 2,004,541; June 11.
- Thompson, John P., Portland, Oreg. Wire coupler. 2,016,563; Oct. 8.
- Thompson, John S. (See Tanner, R. R. and Thompson.)
- Thompson, John S., and V. M. Darsey, assignors to Metal Finishing Research Corporation, Detroit, Mich. Method and material for producing phosphate coating. 2,001,754; May 21.
- Thompson, Joseph E., Burlingame, Calif., assignor to Wilson Brothers, Chicago, Ill. Display apparatus. 2,025,790; Dec. 31.
- Thompson, Joseph S., San Francisco, Calif. Carpet washer. 2,011,234; Aug. 13.
- Thompson, Joseph S., assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Electrical switch. 2,001,080; May 14.
- Thompson, Julian F., Bridgeport, Conn. Combined container and drinking vessel. 2,012,113; Aug. 20.
- Thompson, Lincoln, Naugatuck, Conn. Electro-dynamic loud speaker. 2,002,926; May 28.
- Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Repulsion relay. 1,996,599; Apr. 2.
- Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Electrical protective system. 1,998,295; Apr. 16.
- Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Variable electrical resistance device. 2,026,405; Dec. 31.
- Thompson, Louis W., and G. L. Rogers, Schenectady, N. Y., assignors to General Electric Company. Electric translating circuits. 2,019,328; Oct. 29.
- Thompson, Marian C., executrix. (See Thompson, Merville S.)
- Thompson, Marvin R., and A. J. Schammel, Baltimore, Md. Electric lighter for pipes and cigarettes. 1,989,343; Jan. 29.
- Thompson, Merville S., deceased, Penns Grove, N. J., M. C. Thompson, executrix, Media, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing N-dihydro-1,2,1',2'-anthraquinone-azine and its derivatives. 1,997,610; Apr. 16.
- Thompson, Milton E., Ridgway, Pa. Synchronous motor. 2,001,439; May 14.
- Thompson, Milton W., Atlanta, Ga. Building construction. 2,013,367; Sept. 3.
- Thompson Paint Manufacturing Co. (See Thompson, Claude S., assignor.)
- Thompson, Peter, et al. (See Short, Henry M., assignor.)
- Thompson, Peter O., assignor to Osmundson Spade Manufacturing Company, Perry, Iowa. Cultivator construction. 2,024,402; Dec. 17.
- Thompson Products Inc. (See Crawford, Frederick C., assignor.)
- Thompson Products Incorporated. (See Graham, Matthew P., assignor.)
- Thompson Products, Incorporated. (See Hufford, George H., assignor.)
- Thompson Products, Incorporated. (See Hufford, G. H., and Graham, assignors.)
- Thompson Products, Incorporated. (See McBride, Eugene A., assignor.)
- Thompson, Ralph D., Andover, Ohio. Coupling device. 1,998,176; Apr. 16.
- Thompson, Ralph E., Brookline, Mass. Impact tool. 1,989,119; Jan. 29.
- Thompson, Reuben B., Stillwater, assignor to Willcox & Gibbs Sewing Machine Co., New York, N. Y. Sewing machine. 2,008,116; July 16.
- Thompson, Richard C., Woodmont, Conn., assignor, by mesne assignments, to Thompson Engineering Company, Newark, N. J. Electrostatic precipitator. 1,992,974; Mar. 5.
- Thompson, Robert B., assignor of one-half to M. B. Allstadt, Memphis, Tenn. Cigarette making machine. 1,992,559; Feb. 26.
- Thompson, Robert B., Des Moines, Iowa. Golf bag. 2,010,166; Aug. 6.
- Thompson, Robert J., et al. (See Juergens, John, assignor.)
- Thompson, Robert M., Seattle, Wash., assignor to Thompson Continuously Operating Filter Press Company. Combined press and filter device. 1,997,611; Apr. 16.
- Thompson, Roy S., Bay Village, Ohio. Rafter painter. 2,015,768; Oct. 1.
- Thompson, Russell G., assignor to Electromatic Typewriters, Inc., Rochester, N. Y. Apparatus for producing typewritten matter in two tones. 1,987,276; Jan. 8.
- Thompson, Russell G., assignor to Electromatic Typewriters, Inc., Rochester, N. Y. Apparatus for remote control. 1,996,013; Mar. 26.
- Thompson, Russell G., assignor to Electromatic Typewriters, Inc., Rochester, N. Y. Apparatus for writing checks. 2,000,201; May 7.
- Thompson, Russell G., and C. W. Crumrine, assignors to Electromatic Typewriters, Inc., Rochester, N. Y. Typewriter. 1,994,544; Mar. 19.
- Thompson, Theodore A., Chicago, Ill. Veneering construction. 2,022,551; Nov. 26.
- Thompson, Thomas D., Little Ferry, N. J., assignor to Frank C. Talmade, New York, N. Y. Radio circuits. 1,986,382; Jan. 1.
- Thompson, Tom H., Akron, Ohio. Vehicle spring. 1,990,802; Feb. 12.
- Thompson, Victor T., Montevista, Colo., assignor to Harold E. Thompson, Camus, Wash. Revolving paper knife. 2,015,877; Oct. 1.
- Thompson, Wayne B., Winchester, Mass. Tool for applying coating. 2,018,819; Oct. 29.
- Thompson, Wayne B., Winchester, assignor to Spary Engineering Company, Somerville, Mass. Apparatus for applying flock. 1,989,631; Jan. 29.

- Thompson, Wayne B., Winchester, assignor to Spray Engineering Company, Somerville, Mass. Lasting shoes. 1,990,803; Feb. 12.
- Thompson, Wentford W., Beverly Hills, Calif. Holding printing type in place. 2,018,879; Oct. 29.
- Thompson, William D., assignor to Hutchins Car Roofing Company, Detroit, Mich. Car roof. 2,009,034; July 23.
- Thompson, William O., Pittsburgh, Pa., assignor to Standard Sanitary Manufacturing Company. Movable shower curtain rod. 2,011,662; Aug. 20.
- Thompson, William O., Pittsburgh, Pa., assignor to Standard Sanitary Manufacturing Company. Adjustable support for bathing devices. 2,013,720; Sept. 10.
- Thoms, Alexander P. (See Halperin, H., and Thoms.)
- Thoms, Rudolph H. (See Kulas, H. F., Crowe, and Thoms.)
- Thomsen, Alfred M., San Francisco, Calif. Distillation of mineral oils, tars, and still residues. 2,000,305; May 7.
- Thomsen, Alfred M., San Francisco, Calif., assignor to Thomsen Chemical Corporation. Utilization of battery plate scrap. 2,013,813; Sept. 10.
- Thomsen, August, & Co. (See Schneider, Frederick, assignor.)
- Thomsen, Carl L., Milwaukee, Wis. Poultry feeding and watering device. 2,003,318; June 4.
- Thomsen, Carl L., Milwaukee, Wis. Poultry feeding and watering device. 2,019,370; Oct. 29.
- Thomsen Chemical Corporation. (See Thomsen, Alfred M., assignor.)
- Thomsen, William A. V., Plainfield, N. J. Automatic labeling and/or package sealing machine. 1,986,611; Jan. 1.
- Thomson, Alfred M., East Orange, N. J., assignor to Dardelet Threadlock Corporation, New York, N. Y. Separable fastener and installation thereof. 1,988,925; Jan. 22.
- Thomson, Alfred M., East Orange, N. J., assignor to Dardelet Threadlock Corporation, New York, N. Y. Separable fastener and making the same. 1,988,926; Jan. 22.
- Thomson, Alfred M., East Orange, N. J., assignor to Dardelet Threadlock Corporation, New York, N. Y. Fastener. 1,996,128; Apr. 2.
- Thomson, Bernard, Combe Close, Woldingham, England, assignor to General Motors Corporation, Detroit, Mich. Synchronizing clutch. 2,001,856; May 21.
- Thomson, David P., Lynn, Mass. Safety device for spectacles. 1,992,260; Feb. 26.
- Thomson, David P., Lynn, Mass. Indicating device for cameras for preventing double exposed films and loss of films. 2,023,623; Dec. 10.
- Thomson, Donald M., Los Angeles, Calif. Ticket printing machine. 2,014,707; Sept. 17.
- Thomson, Elihu, Swampscott, Mass., assignor to John A. McManus, Marblehead, Mass. Refrigeration. 2,007,288; July 9.
- Thomson, Frederick, Port Huron, Mich. Combination fountain and bird bath. 2,005,602; June 18.
- Thomson, George H., Worcester, S. B. Stafford, Oxford, and H. A. Smith, Worcester, Mass., assignors to Rice, Barton & Fales, Incorporated, Worcester, Mass. Drive for doctor oscillators. 2,007,289; July 9.
- Thomson, Hugh A., Kensington, London, England. Facilitating reference to and reading of books and the like. 2,004,450; June 11.
- Thomson, Hugh E., Schenectady, N. Y., assignor to General Electric Company. Photo-electric tube. 1,996,557; Apr. 2.
- Thomson, James F., Falkirk, Scotland. Projection screen. 2,016,185; Oct. 1.
- Thomson, Judson L., Manufacturing Co. (See Havener, Arthur R., assignor.)
- Thomson, Kenneth S. (See Friden, Carl M. F., assignor.)
- Thomson, Peter, Wilmington, Del., assignor to Modern Wall Construction, Inc. Wall and joint construction. 1,986,690; Jan. 1.
- Thomson, Robert, Arlington, N. J., assignor to Dardelet Threadlock Corporation, New York, N. Y. Forming a fluid-tight joint. 2,001,290; May 14.
- Thomson, Robert F. (See Fairweather, D. A. W., and Thomson.)
- Thomson, Robert F., W. Smith, and J. Primrose, Grangemouth, Scotland, assignors to Imperial Chemical Industries Limited. Compound of the anthraquinone-acridone series and preparing the same. 2,014,790; Sept. 17.
- Thomson, S. H., Manufacturing Company, The. (See Hummert, Robert H., assignor.)
- Thomson, William S., Evanston, Ill. Framing for walls and buildings. 2,010,971; Aug. 13.
- Thorausch, Ernst, Mannheim, and L. Schlecht, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of metallic plates suitable for use as accumulator electrodes. 1,988,861; Jan. 22.
- Thorburn, Robert R. (See Moore, M. M., Thorburn, and Wilson.)
- Thordarson, Chester H., assignor to Thordarson Electric Manufacturing Company, Chicago, Ill. Dynamo electric machine. 1,999,580; Apr. 30.
- Thordarson Electric Manufacturing Company. (See Komm, P. M., Thomas, Madill, and Pearson, assignors.)
- Thordarson Electric Manufacturing Company. (See Thordarson, Chester H., assignor.)
- Thoren, Gustav A., San Francisco, Calif. Device for rotating thermometers. 1,999,427; Apr. 30.
- Thoreson, Reider. (See Ernst, W., and Thoreson.)
- Thorin, Harry, Monson, Mass. Glazier's points. 2,005,484; June 18.
- Thorley, Arnold E., Denton, Manchester, England. Dyeing, washing, and like apparatus. 1,995,405; Mar. 26.
- Thorn, Lawrence T., Memphis, Tenn. Form for molding concrete structures. 2,021,210; Nov. 19.
- Thornberg, Axel E., Stratford, Conn. Fish lure. 1,993,868; Mar. 12.
- Thornblade, Carl H., assignor to Original Copywriter Company, Seattle, Wash. Copywriter attachment for typewriters. 1,992,405; Feb. 26.
- Thorne, Carl B., Hawkesbury, Ontario, Canada. Method of and apparatus for bleaching and refining pulp. 1,989,571; Jan. 29.
- Thorne, Carl B., Hawkesbury, Ontario, Canada. Apparatus for refining pulp and the like. 2,008,603; July 16.
- Thorne, Carl B., Hawkesbury, Ontario, Canada. Process and apparatus for the refining of pulp. 2,013,115; Sept. 3.
- Thorne, Charles B., Shaker Heights, Ohio. Method of and apparatus for protecting electrical insulators. 1,994,259; Mar. 12.
- Thorne, Clayton L., and E. L. Tenney, assignors to International Exterminator Company, Incorporated, Chicago, Ill. Apparatus for disseminating insect exterminating materials and the like. 2,012,523; Aug. 27.
- Thorne, Elwood, Miami, Fla. Coil winder. 1,994,373; Mar. 12.
- Thorne, Harry, Rockford, Ill. Press. 2,018,932; Oct. 29.
- Thornier, Walther, Berlin, assignor to Zeiss Akon A.-G., Dresden, Germany. Distance-finder for photographic cameras. 1,993,463; Mar. 5.
- Thornhill, Charles C., American Falls, Idaho. Snowplow. 2,024,551; Dec. 17.
- Thornley, Joseph H., Evanston, Ill. Apparatus for constructing concrete piles. 1,998,643; Apr. 23.
- Thornley, Joseph H., Evanston, Ill. Pile driver. 2,019,548; Nov. 5.
- Thornton, Harry A., Elkhart, Ind. Combined closing and outlet cap for collapsible tubes. 2,005,642; June 18.
- Thornton, Irving T., Buffalo, assignor to National Aniline & Chemical Co. Inc., New York, N. Y. Control of temperatures in chemical reactions. 2,007,510; July 9.
- Thornton, John E., Jersey, Channel Islands. Production of photographic and cinematograph mosaic color positives. 2,018,195; Oct. 22.
- Thornton, John E., Jersey, Channel Islands. Production of photographic and cinematographic color positives. 2,018,196; Oct. 22.
- Thornton, Matthew H., St. Paul, Minn. Shoe shining machine. 2,004,140; June 11.
- Thornton, Matthew H., St. Paul, Minn. Shoe cleaning and polishing machine. 2,004,640; June 11.
- Thornton, Ray U., New Bedford, Mass. Beam head. 1,986,612; Jan. 1.
- Thornton, Roger T. (See Criqui, A. A., and Thornton.)
- Thorp, Benjamin S., Frankford, Pa., assignor to Whitall Tatum Company, New York, N. Y. Combined container closure and applicator. 2,011,545; Aug. 13.
- Thorpe, Jocelyn F., R. P. Linstead, and J. Thomas, Earl's Road, Grangemouth, Scotland. Metal compound containing an isindole nucleus and making the same. 2,000,051; May 7.
- Thorpe, Jocelyn F., and R. P. Linstead, Earl's Road, Grangemouth, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of colored compounds and the product thereof. 2,000,052; May 7.
- Thorpe, Jocelyn F., R. P. Linstead, South Kensington, London, England, and J. Thomas, Kingarth, Polmont, Scotland, assignors to Imperial Chemical Industries Ltd., Production of derivatives of an ortho cyano-aryl amide. 2,025,791; Dec. 31.
- Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Deflecting device. 2,000,107; May 7.
- Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Frost shield. 2,002,722; May 28.
- Thorpe, Thomas W., assignor to Thorpe Well Company, Des Moines, Iowa. Well construction and making the same. 2,025,317; Dec. 24.
- Thorpe Well Company. (See Thorpe, Thomas W., assignor.)
- Thorpe, William C., Toronto, Ontario, Canada, assignor to Robert E. Wark, Toronto, Canada, trustee. Graphite lubricant. 2,003,564; June 4.
- Thorsen, B. J., et al. (See Cameron, Harvey D., assignor.)
- Thorsen, Thor. (See Storm, A., and Thorsen.)
- Thorsen, Thor, assignor to Storm Manufacturing Co., Inc., Minneapolis, Minn. Boring machine. 2,009,822; July 30.
- Thorsen, Thorvald L., Beloit, Wis. Pressure reducing valve. 2,005,813; June 25.
- Thorsen, Doc O., Lisbon, Ill. Exercise vending device. 2,012,899; Aug. 27.
- Thorsen, Martin, St. Charles, Ill. Gas burner. 1,990,962; Feb. 12.
- Thorsell, Carl T., and A. Kristensson, Cassel, Germany. Production of potassium carbonate. 2,002,681; May 28.
- Thorsten, Thorleif, Pittsburgh, Pa. Apparatus for sampling. 2,020,529; Nov. 12.
- Thousand, Adolph, Cedar Rapids, Iowa. Air conditioning device. 2,002,023; May 21.
- Thrall, Walter I., Alhambra, assignor, by mesne assignments, to Reliance Regulator Corporation, Alhambra, Calif. Pressure regulator. 2,015,977; Oct. 1.

- Thrasher, Charles O. (See Johns, A. W., Thrasher, Earl, and Pechacek.)
- Thrasher, Elmer E., and G. L. Carder, Cumberland, Md. Washing, spraying, and drying towel holder. 1,996,531; Apr. 2.
- Thrasher, Ned L., Perrysburg, N. Y. Ladder assembling machine. 2,017,775; Oct. 15.
- Threadgill, Howard L., and Ervin A. Williams, Birmingham, Ala. Grater and shredder. 2,023,058; Dec. 3.
- Three Point Corporation. (See Miller, Soren C., assignor.)
- Threkeld, Howard M. (See Kenney, M. W., Jordan, and Threkeld.)
- Threkeld, Lewis P. (See Duncan, Herbert L., assignor.)
- Thrift, Fred, Campbellton, Tex. Core taking apparatus. 1,999,428; Apr. 30.
- Thrift, Tim, Elmira, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc. Web supply carrier for typewriting machines. 2,012,524; Aug. 27.
- Thrine, Emily, Battle Creek, Mich. Tool chest and spare wheel carrier for automobiles. 2,005,604; June 18.
- Throckmorton, John W., New York, N. Y., assignor to Gyro Process Company, Detroit, Mich. Process and apparatus for converting hydrocarbon oils. 2,002,160; May 21.
- Thum, O. W. Company, The. (See Burgess, W. S., and Golley, assignors.)
- Thum, Walter A., St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Attaching heels to shoes. 1,987,808; Jan. 15.
- Thumim, Carl, Philadelphia, Pa., assignor to General Electric Company. Operating mechanism. 1,988,287; Jan. 15.
- Thun, Rudolph, Schoneiche, Post Fichtenau, Germany. Apparatus for picture transmission. 2,011,737; Aug. 20.
- Thuras, Albert L. (See Smith, L. T., and Thuras.)
- Thuras, Albert L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,001,081; May 14.
- Thurber, Edward J., assignor of one-half to R. K. Rothrock, New Orleans, La. Gear shifting device. 2,017,776; Oct. 15.
- Thurber, Edward J., assignor of one-half to R. K. Rothrock, New Orleans, La. Gear shifting mechanism. 2,017,777; Oct. 15.
- Thurber, Francis H., Washington, D. C., dedicated to the free use of the public. Manufacture of starches. 2,001,925; May 21.
- Thurber, Matt E., Tecumseh, Nebr. Brake shoe adjusting tool. 2,015,356; Sept. 24.
- Thurley, Benjamin, Mobile, Ala. Tool for removing sludge or the like. 2,019,372; Oct. 29.
- Thurman, William B., Berkeley, assignor to Super Mold Corporation, Lodi, Calif. Machine for applying rubber to tires. 1,996,129; Apr. 2.
- Thurstensen, Soren, Louisville, Ky. Fluid mixing apparatus. 1,992,451; Feb. 26.
- Thurston, Albert P., London, England. Reducing the resistance of air cooled motors and like obstructions on aircraft. 2,016,582; Oct. 8.
- Thurston, Robert R., Beacon, assignor to The Texas Company, New York, N. Y. Bituminous saturant. 1,987,085; Jan. 8.
- Thurston, Robert S. (See Whiting, M. A., and Thurston.)
- Thwaits, Frederick G. (See French, H. C., and Thwaits.)
- Thwaits, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Refrigerated tank. 1,987,917; Jan. 15.
- Thwaits, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Valve mechanism. 2,004,715; June 11.
- Thwaits, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Valve structure. 2,004,716; June 11.
- Thwaits, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Valve actuating mechanism. 2,004,717; June 11.
- Thwing Instrument Company. (See Razez, J., and Mulder, assignors.)
- Tibbals, William L., Los Angeles, Calif. Paper clip. 1,989,953; Feb. 5.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,999,429; Apr. 30.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,009,533; July 30.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,010,167; Aug. 6.
- Tibbetts, Milton, trustee. (See Lemaigre, Pierre, assignor.)
- Tice, Percival S., assignor to Stewart-Warner Corporation, Chicago, Ill. Carburetor level governing device. 1,987,981; Jan. 15.
- Tice, Percival S., assignor to Stewart-Warner Corporation, Chicago, Ill. Fuel distributing system for internal combustion engines. 2,008,998; July 23.
- Tichenor, Carl M., Muskegon, and B. C. Booth, Muskegon Heights, Mich. Sound reproducing device. 1,991,526; Feb. 19.
- Tichota, Vencel J., Dodge, Nebr. Draft equalizer. 2,005,525; June 18.
- Tichy, Gustav, and H. Klas, Duesseldorf, Germany. Producing protective coatings on metal surfaces. 1,991,300; Feb. 12.
- Tickey, Peter J. (See Schultz, J., and Tickey.)
- Tidd, John J., Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Denture. 2,013,295; Sept. 3.
- Tiddy, William, Scarsdale, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. The recovery of phenols from gas liquors. 1,989,177; Jan. 29.
- Tiddy, William, Scarsdale, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Saturator for the production of ammonium salts and making such salts. 1,997,757; Apr. 16.
- Tideman, George T., Chicago, Ill. Connector for electric outlet boxes. 1,987,035; Jan. 8.
- Tide Water Oil Company. (See Bertschinger, Charles F., assignor.)
- Tide Water Oil Company. (See Rembert, E. W., and Van Voorhees, assignors.)
- Tide Water Oil Company. (See Vreeland, Charles S., Jr., assignor.)
- Tidmarsh, George P. and P. M., Tucson, Ariz. System for conditioning air. 2,005,276; June 18.
- Tidmarsh, Patrick M. (See Tidmarsh, G. P. and P. M.)
- Tiefel, Ella M., executrix. (See Bohrer, R. E., Payne, and Tiefel.)
- Tiefenbacher, Thomas B., Paterson, N. J. Drill point gauge. 1,997,758; Apr. 16.
- Tielking, John W. (See Mueller, O. B., Hill, Tielking, and Jones.)
- Tierney, Columbus A. (See Eager, W. W., and Tierney.)
- Tierney, James S., Upper Darby, Pa. Preparing apples for cold packing. 2,004,354; June 11.
- Tierney, Thomas F., Jr., Montgomery, N. Y. Flower cutter. 2,005,355; June 18.
- Tierney, William J., Rockford, Ill. Concealed drinking fountain. 1,990,355; Feb. 5.
- Tiesler, Alfred, Wittenberg, near Potsdam, Germany, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Needle-vibration controlling mechanism for zigzag-stitch sewing machines. 2,014,916; Sept. 17.
- Tietz, Chester, Los Angeles, Calif. Exhaust gas purifier. 2,005,249; June 18.
- Tietz, Chester, assignor to Kelley-Koett Manufacturing Company, Covington, Ky. Shock-proof X-ray tube unit. 1,992,335; Feb. 26.
- Tietjen, John, New York, N. Y. Abdominal belt. 2,018,981; Oct. 29.
- Tietze, Ernst. (See Nicodemus, O., Schmidt, Ossenbeck, and Tietze.)
- Tietze, Ernst. (See Ossenbeck, A., and Tietze.)
- Tiffany, Frank E., assignor to Tiffany Technical Corporation, Los Angeles, Calif. Safety switch plate. 2,015,698; Oct. 1.
- Tiffany Technical Corporation. (See Tiffany, Frank E., assignor.)
- Tift, Thomas D. (See Herthel, E. C., and Tift.)
- Tigerschild, Kjell M., and G. Sterky, Fagersta, Sweden. Making tools and the like from sintered hard-metal carbides or like materials. 1,996,220; Apr. 2.
- Tigert, Clyde R., Upland, Calif. Bank protecting means. 2,009,908; July 30.
- Tigges, Alexander J., assignor to Barostat Company, Boston, Mass. Fluid-pressure operated diaphragm device. 2,023,361; Dec. 3.
- Tilden, Bert O., Trenton, N. J. Flush valve. 2,010,119; Aug. 6.
- Tilden, Sydney G., Stewart Manor, Long Island, N. Y. Noise-dampener for brake drums. 2,012,838; Aug. 27.
- Tilden, Sydney G., Stewart Manor, Long Island, N. Y., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Friction tester. 2,018,688; Oct. 29.
- Tilden, Sydney G., Stewart Manor, Long Island, N. Y., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Friction tester. 2,018,689; Oct. 29.
- Tile-Tex Company, The. (See Heppes, George P., assignor.)
- Tilke, George F., Kennington, near Ashford, assignor to H. E. Ball Bobbing, Kent, England. Apparatus for marking roads or ways. 1,988,024; Jan. 15.
- Till, Anton, Belleville, N. J. Cutlery sharpener. 2,009,420; July 30.
- Tillack, William J., River Edge, N. J. Applicator for floor wax, oils, varnishes, paints, and the like. 1,995,592; Mar. 26.
- Tillet, Frederick G., Eastbourne, England. Sewing machine. 2,007,819; July 9.
- Tillet, Frederick G., Eastbourne, England. Device for supporting safety pins. 2,009,909; July 30.
- Tilley, Frederick C., London, England. Hydrocarbon vapor lamp or burner. 2,021,818; Nov. 19.
- Tilley, John N., Woodbury, and H. Whitehead, South Orange, N. J., assignors of one-half to E. I. du Pont de Nemours & Company, Wilmington, Del., and one-half to Baker and Company, Inc., Newark, N. J. Oxidation of ammonia and improved catalyst therefor. 2,004,141; June 11.
- Tilley, Norman N., assignor to Continental Motors Corporation, Detroit, Mich. Engine support. 2,016,693; Oct. 8.
- Tillmann, Richard. (See Pyzel, E., and Tillmann.)
- Tillotson, Edwin W. (See McGregor, R. R., and Tillotson.)
- Tillson, Royden H., St. Louis, Mo. Automobile ignition device. 2,024,896; Dec. 17.
- Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 2,023,907; Dec. 10.

- Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 2,024,552; Dec. 17.
- Timlan, Robert, Tyler, Tex. Stopper. 2,022,989; Dec. 3.
- Tilsher, George A., Peterson, N. J., and S. C. Dickerhoff, Jr., New York, N. Y., assignors, by mesne assignments, to Automatic Nut Company, Inc. Machine for manufacturing lock nuts. 1,988,096; Jan. 15.
- Tilton, Fred N., Hartford, Conn. Screw machine. 1,999,264; Apr. 30.
- Tilton, Joshua A. (See Black, N. F., and Tilton.)
- Timberlake, Journey F., Charlottesville, assignor of twelve and one-fourth per cent to D. A. Prosser, Petersburg, twelve and one-fourth per cent to J. H. Ryalls, twelve and one-fourth per cent to L. G. Wolff, and twelve and one-fourth per cent to R. Winston Dabney, Richmond, Va. Shuttle motion for looms. 2,002,194; May 21.
- Timian, Harold H. (See Meyer, A. J., and Timian.)
- Timian, Harold H., Detroit, Mich. Engine. 1,988,526; Jan. 22.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,991,967; Feb. 19.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,996,939; Apr. 9.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,999,489; Apr. 30.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,001,895; May 21.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Carburetor. 2,003,403; June 4.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,003,984; June 4.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,007,622; July 9.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,008,089; July 16.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Carburetor. 2,010,206; Aug. 6.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,011,784; Aug. 20.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Motor vehicle. 2,011,988; Aug. 20.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,016,694; Oct. 8.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,016,695; Oct. 8.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,016,696; Oct. 8.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,016,697; Oct. 8.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,020,592; Nov. 12.
- Timken-Detroit Axle Company, The. (See Alden, Herbert W., assignor.)
- Timken-Detroit Axle Company, The. (See Alden, H. W., and Brownier, assignors.)
- Timken-Detroit Axle Company, The. (See Alden, H. W., and Buckendale, assignors.)
- Timken-Detroit Axle Company, The. (See Brownier, Nelson R., assignor.)
- Timken-Detroit Axle Company, The. (See Buckendale, Laurence R., assignor.)
- Timken-Detroit Axle Company. (See Davis, Charles C., assignor.)
- Timken-Detroit Axle Company. (See Keese, Beverly W., assignor.)
- Timken-Detroit Axle Company, The. (See McQuaid, Harry W., assignor.)
- Timken-Detroit Axle Company, The. (See Morgan, Matthew B., assignor.)
- Timken Roller Bearing Company, The. (See Ackerman, Paul C., assignor.)
- Timken Roller Bearing Company, The. (See Baker, John B., assignor.)
- Timken Roller Bearing Company, The. (See Boden, Ernest G., assignor.)
- Timken Roller Bearing Company, The. (See Brodell, Nathan H., assignor.)
- Timken Roller Bearing Company, The. (See Buckwalter, Tracy V., assignor.)
- Timken Roller Bearing Company, The. (See Curtis, George W., assignor.)
- Timken Roller Bearing Company, The. (See Hektner, Joel, assignor.)
- Timken Roller Bearing Company, The. (See Hildorf, W. G., White, and Clark, assignors.)
- Timken Roller Bearing Company, The. (See Klamp, Paul, assignor.)
- Timken Roller Bearing Company, The. (See Pascoe, Frederick J., assignor.)
- Timken Roller Bearing Company, The. (See Riblet, Robert M., assignor.)
- Timken Roller Bearing Company, The. (See Sanders, Walter C., assignor.)
- Timken Roller Bearing Company, The. (See Scribner, William L., assignor.)
- Timken Roller Bearing Company, The. (See Vanderbeek, Herbert, assignor.)
- Timken Roller Bearing Company, The. (See Weckstein, Samson M., assignor.)
- Timken Roller Bearing Company, The. (See Wood, Henry H., assignor.)
- Timken Silent Automatic Company, The. (See Beckett, Reginald W., assignor.)
- Timm, Herman, New York, N. Y. Building construction. 2,006,701; July 2.
- Timmer, Anton L., Eindhoven, Netherlands, assignor to Radio Corporation of America. Amplifier circuits. 1,990,055; Feb. 5.
- Timmins, Frederick G. (See Brain, A. H., and Timmins.)
- Timms, Eugene D., Los Angeles, Calif. Color harmonizing apparatus. 1,986,127; Jan. 1.
- Timson, Charles E., Deerfield, assignor to William Cooper & Nephews Inc., Chicago, Ill. Identification tag. 1,986,902; Jan. 8.
- Timson, William, assignor to W. & T. Avery Limited, Birmingham, England. Weighing apparatus. 2,014,154; Sept. 10.
- Tin Decorating Company of Baltimore, The. (See Hermani, Henry, assignor.)
- Tindal, Stephen, Carnoustie, Angus, Scotland. Drawing board clamp. 2,015,247; Sept. 24.
- Tingley, Leonard C., Providence, R. I. Feeding device. 1,989,298; Jan. 29.
- Tingley-Reliance Rubber Corporation. (See Jackson, Walter C., assignor.)
- Tinker, Herbert W. (See Hansen, F. D., and Tinker.)
- Tinker, Herbert W., Milwaukee, Wis., assignor, by mesne assignments, to Lyon Incorporated, Detroit, Mich. Tire cover. 2,010,770; Aug. 6.
- Tinker, John M. (See Weinmayr, V. M., and Tinker.)
- Tinker, John M., and L. Spiegler, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing p-nitro-o-anisidine. 1,998,794; Apr. 23.
- Tinker, John M., South Milwaukee, Wis., and W. C. Stewart, Preston, Iowa, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Recovering 4-nitro-2-amino-toluene from its nitration mixture. 1,998,795; Apr. 23.
- Tinkham, Guy L., assignor, by mesne assignments, to McCord Radiator & Mfg. Co., Detroit, Mich. Fire extinguisher. 1,988,637; Jan. 22.
- Tinkham, Guy L., assignor, by mesne assignments, to McCord Radiator & Mfg. Co., Detroit, Mich. Ice tray. 1,997,838; Apr. 16.
- Tinkham, Guy L., assignor, by mesne assignments, to McCord Radiator & Mfg. Co., Detroit, Mich. Making ice trays. 1,997,839; Apr. 16.
- Tinkham, Guy L., assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Expansion joint making apparatus for ice trays. 2,021,118; Nov. 12.
- Tinkham, Guy L., assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Making pressure cartridges. 2,021,119; Nov. 12.
- Tinnerman, Albert H. (See Tinnerman, George A., assignor.)
- Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening device. 2,004,679; June 11.
- Tinnerman, George A., Rocky River, assignor to Albert H. Tinnerman, Cleveland, Ohio. Spring nut. 2,007,011; July 2.
- Tinslar, Hiram P. (See Norden, Emil, assignor.)
- Tinsley, John S. (See Wiggam, D. R., and Tinsley.)
- Tintner, Fritz, Vienna, Austria. Foldable stretcher. 2,003,844; June 4.
- Tinuis Olsen Testing Machine Company. (See Lewis, Robert B., assignor.)
- Tipery, Joseph W., New Orleans, La. Safety razor. 1,995,232; Mar. 19.
- Tipp & Co. (See Burkhardt, Heinrich, assignor.)
- Tippett, Richard B., et al. (See Whelan, Howard J., assignor.)
- Tippins, Benjamin F., Yulee, Fla., assignor, by mesne assignments, to Activated Alum Corporation, New York, N. Y. Composition for water purification. 1,993,761; Mar. 12.
- Tips Engine Works. (See Thomas, Charles, assignor.)
- Tips Tool Company. (See Bodendieck, Henry W., assignor.)
- Tips Tool Company. (See Walsh, Carroll H., assignor.)
- Tipson, George S., Chicago, Ill. Baggage rack. 2,008,372; July 16.
- Tirimacco, Vincenzo, Turtle Creek, Pa. Grass collecting device for lawn mowers. 2,026,291; Dec. 31.
- Tiryakian, John H. H., Yonkers, N. Y. Hook. 1,999,218; Apr. 30.
- Tisch, Raymond E., Hillside, Elizabeth, N. J. Illuminated direction indicator. 1,988,403; Jan. 15.
- Tiscornia, James A., San Jose, Calif. Window washer. 1,999,265; Apr. 30.
- Tisdall, Harry R., Toronto, Ontario, Canada. Bottle holder. 2,024,553; Dec. 17.
- Tisseyre, Louis, and I. Cotnareanu, Paris, France, assignors to G. P. Cowles, Waterbury, Conn. Electric timepiece. 2,002,421; May 21.
- Tisza, Edmond T., and B. Joos, Yonkers, assignors to The Pyridium Corporation, Nepera Park, N. Y. Purifying alkylated-phenyl-azo-amino-pyridines. 1,990,923; Feb. 12.
- Titan Valve and Manufacturing Company, The. (See Schoenfeld, Frank H., assignor.)
- Titanium Alloy Manufacturing Company, The. (See Comstock, George F., assignor.)
- Titanium Alloy Manufacturing Company, The. (See Kinzie, Charles J., assignor.)
- Titanium Alloy Manufacturing Company, The. (See Kinzie, C. J., Commons, and Hake, assignors.)

- Titeflex Metal Hose Co. (See Fletcher, C. W., and Stone, assignors.)
- Titeflex Metal Hose Co. (See Stone, R. Harry, assignor.)
- Titelman, Frank M. (See Mate, R. E., and Scardino, assignors.)
- Tither, Ernest, assignor to The Vogue Silk Hosiery Co., Philadelphia, Pa. Knitting machine. 2,015,540; Sept. 24.
- Titelstad, Nicolay, assignor to Chemical Construction Corporation, Charlotte, N. C. Nitric acid manufacture. 1,998,106; Apr. 16.
- Titone, Joseph. (See Mendel, W., and Titone.)
- Titus, C. D., et al. (See Claggett, Albert D., assignor.)
- Titus, Leon D., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Table-turning mechanism. 2,015,639; Sept. 24.
- Titus, Robert R., Villa Nova, assignor to Synthane Corporation, Oakes, Pa. Electrical socket. 1,997,270; Apr. 9.
- Tivendale, William. (See Baxter, J., and Tivendale.)
- Tivoli, Albert, New Orleans, La. Nonrefillable closure. 1,994,625; Mar. 19.
- Tjofat, Gerald B., Mount Lebanon, Pa. Magnetic relay. 1,993,633; Mar. 5.
- Tlapak, Franz, assignor to firm Otto Perutz, Trockenplattenfabrik Munchen, G. m. b. H., Munich, Germany. Apparatus for applying indications to film strips. 2,007,135; July 2.
- Tobelmann, Henry A., Salt Lake City, Utah. Precipitation-Tobey, Harry C., Chicago, Ill., assignor to United Auto-graphic Register Co. Continuous-form shipping and accounting device. 2,024,785; Dec. 17.
- Tobias, Werner, Berlin-Sudende, Germany, assignor to Aktiebolaget Tonsor, Gottenburg, Sweden. Razor blade grinding machine. 2,001,117; May 14.
- Tobin, Claude R., St. Louis, Mo. Protecting device for baseball umpires. 2,001,508; May 14.
- Tobin, Harold H., Aurora, Ill. Dirt trap for gas-distributing lines. 1,992,586; Feb. 26.
- Tobin, Kenneth J. (See Eklind, C. E., and Tobin.)
- Tobin, Kenneth J., Chicago, Ill. Incinerator device. 1,996,631; Apr. 2.
- Tobin, Kenneth J., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Door supporting and guiding means. 1,997,554; Apr. 9.
- Tobin, Kenneth J., Chicago, Ill., assignor, by mesne assignments, to Evans Products Company, Detroit, Mich. Hanger for automobiles. 2,000,306; May 7.
- Tobin, Kenneth J., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Side door construction. 2,015,371; Sept. 24.
- Tobin, Kenneth J., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,018,583; Oct. 22.
- Tobin, Kenneth J., Chicago, Ill., assignor, by mesne assignments, to Evans Products Company, Detroit, Mich. Supporting means for automobiles. 2,026,512; Dec. 31.
- Tobin, Kenneth J., and F. C. Heinen, Chicago, Ill., assignors, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door construction. 2,025,221; Dec. 24.
- Tobin Tool and Die Company. (See Phillmore, Charles E., assignor.)
- Todd, Augustus H., Fleischmanns, N. Y. Kitchen utensil attachment. 1,999,886; Apr. 30.
- Todd Company, The. (See Payne, Walter B., assignor.)
- Todd Company, The. (See Uhl, W., and Wolfe, assignors.)
- Todd, David L. (See Peters, W. E., and Todd.)
- Todd, Eugene J., Lansdowne, Pa. Electric lamp cord take-up. 2,014,301; Sept. 10.
- Todd, George W., Youngstown, Ohio, assignor to The Petroleum Iron Works Company of Ohio, Sharon, Pa. Closure for metal containers. 2,015,465; Sept. 24.
- Todd, James D., and M. Silverman, Chicago, Ill., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Pigments and dispersion thereof. 1,986,029; Jan. 1.
- Todd, James D., and J. C. Owens, Chicago, Ill., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Purification of naphthalene. 1,996,262; Apr. 2.
- Todd, John H., assignor to The Key-Tag Checking System Company, Cleveland, Ohio. Container and fastener therefor. 1,991,827; Feb. 19.
- Todd, Verne J., Seattle, Wash. Cleaning oil-covered surfaces. 2,023,496; Dec. 10.
- Todd, William. (See Dunbar, C., and Todd.)
- Todd, William, Leominster, Mass. Tie-rod assembly. 2,014,871; Sept. 17.
- Todd, William, Manchester, England, assignor to Imperial Chemical Industries Limited. Chemical products. 2,020,385; Nov. 12.
- Toden Denkyu Kabushiki Kwaisha. (See Sakakura, Yukitoshi, assignor.)
- Toelae, Robert R., assignor to The National Lock Washer Company, Newark, N. J. Drain for boats and the like. 1,994,236; Mar. 12.
- Toelle, Herbert E., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Valve. 1,989,721; Feb. 5.
- Toelle, Herbert E., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Valve. 1,989,722; Feb. 5.
- Toensfeldt, Kurt, Port Washington, assignor to International Combustion Engineering Corporation, New York, N. Y. Boiler installation and method of operation. 2,007,623; July 9.
- Toewe, Fritz, assignor to Kienzle Taxameter- und Apparate A.-G., Villingen-Schwarzwald, Germany. Apparatus for recording vibrations. 1,992,134; Feb. 19.
- Toews Peter J., assignor to National Automatic Doughnut Machine Company, Minneapolis, Minn. Dough divider for doughnut machines and the like. 2,003,617; June 4.
- Toews, Peter J., Minneapolis, Minn. Heating apparatus for doughnut machines and the like. 2,023,863; Dec. 10.
- Tofflemire, Benjamin F., Berkeley, Calif. Mounting frame for dental articulators. 2,003,727; June 4.
- Toillins, Michael, Dorchester, Mass. Razor blade sharpener. 2,000,800; May 7.
- Tokheim Oil Tank and Pump Company. (See Bechtold, Reuben E., assignor.)
- Toledo Machine & Tool Company, The. (See Hatch, M. R., and Schloz, assignors.)
- Toledo Machine & Tool Company, The. (See Seidel, A., and Hatch, assignors.)
- Toledo Mirror Paint & Glass Company. (See Walters, Edward, assignor.)
- Toledo Porcelain Enamel Products Company, The. (See Smith, Earle S., assignor.)
- Toledo Scale Manufacturing Company. (See Bennett, Hubert D., assignor.)
- Toledo Scale Manufacturing Company. (See Hem, Halvor O., assignor.)
- Toledo Scale Manufacturing Company. (See Hurt, Samuel N., assignor.)
- Toledo Scale Manufacturing Company. (See Markham, B. W., and Hurt, assignors.)
- Toledo Scale Manufacturing Company. (See Thomas, Edward G., assignor.)
- Toledo Scale Manufacturing Company. (See Walz, Foster V., assignor.)
- Toledo Scale Manufacturing Company. (See Weckerly, Mark A., assignor.)
- Toledo Scale Manufacturing Company. (See Williams, Lawrence S., assignor.)
- Toledo Synthetic Products, Inc. (See Howald, Arthur M., assignor.)
- Tolen, Earl V., and C. B. Harbstreit, Bedford, Ind., assignors to Reliance Manufacturing Company, Chicago, Ill. Shirt cuff and method and apparatus for making it. 2,019,104; Oct. 29.
- Tolerton, Ray E., assignor to The Magnavox Company, Fort Wayne, Ind. Sound reproducing apparatus. 2,007,484; July 9.
- Tolerton, Ray E., assignor to The Magnavox Company, Fort Wayne, Ind. Diaphragm spider. 2,019,878; Nov. 5.
- Tolhurst, Louis H., Los Angeles, assignor of one-third to K. Peach and one-third to H. E. Roach, Culver City, Calif. Synchronized shutter mechanism. 2,008,938; July 23.
- Tolkien, Fritz, Hanover, Germany. Steam engine valve gear. 1,986,033; Jan. 1.
- Tolkien, Fritz, Hanover, Germany. Controlling means for double-acting reciprocating engines without flywheel. 1,986,084; Jan. 1.
- Toll, Karel, Passaic, assignor, by mesne assignments, to Chadeloi Chemical Company, New York, N. Y. Crinkled coated surface. 1,991,527; Feb. 19.
- Toll, Karel, Passaic, assignor, by mesne assignments, to Chadeloi Chemical Company, New York, N. Y. Crinkled surface coating. 1,991,528; Feb. 19.
- Tolley, Conrad M., Lawrence, Kans. Concrete aggregate proportioner. 1,986,864; Jan. 8.
- Tolman, Charles P., Kew Gardens, N. Y., assignor, by mesne assignments, to The Noble & Wood Machine Co., Hoosick Falls, N. Y. Colloid mill. 1,987,724; Jan. 15.
- Tolman, Charles P., Kew Gardens, assignor, by mesne assignments, to The Noble & Wood Machine Co., Hoosick Falls, N. Y. Colloid mill. 1,993,762; Mar. 12.
- Tolman, Edgar B., Jr., Chicago, Ill. Wall plates for furnaces. 2,017,675; Oct. 15.
- Tolman, Edgar B., Jr., Chicago, Ill. Ash mixing and moistening device. 2,018,156; Oct. 22.
- Tolman, Lucius M., assignor to New Process Fat Refining Corporation, Chicago, Ill. Distillation of fatty acids. 1,998,997; Apr. 23.
- Tolman, Lucius M., assignor to New Process Fat Refining Corporation, Chicago, Ill. Distillation of fatty acids. 1,998,998; Apr. 23.
- Tolman, Lucius M., Chicago, Ill., assignor to New Process Fat Refining Corporation. Distillation of fatty acids. 2,006,491; July 2.
- Tolson, William A., Eriton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television transmission system. 1,998,644; Apr. 23.
- Tolson, William A., Eriton, N. J., assignor to Radio Corporation of America. Television system. 1,999,378; Apr. 30.
- Tolstad, Turid, New York, N. Y. Fire safety device. 1,998,262; Apr. 16.
- Tolstouhov, Alexander V., assignor to Ostro Research Laboratories, Inc., New York, N. Y. Purified amino phenol and process. 2,013,394; Sept. 3.

- Tomarkin, Leandro W., Locarno, Switzerland. Ethylhydrocupreine compound and making the same. 1,997,440; Apr. 9.
- Tomasevich, Nicholas, Ithaca, N. Y. Game contrivance. 2,018,041; Oct. 22.
- Tomlin, John R., Alexandria, Va., assignor to Irving Trust Company, permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Cutting mechanism for printing machine folders. 2,007,731; July 9.
- Tomlin, John R., Brooklyn, assignor to R. Hoe & Co. Inc., New York, N. Y., Irving Trust Company, permanent trustee. Folding mechanism. 2,026,443; Dec. 31.
- Tomlin, John R., Brooklyn, and A. Lundquist, assignors to Irving Trust Company, permanent trustee of R. Hoe & Co., Inc., New York, N. Y. Renewing webs of printing machines. 1,995,269; Mar. 19.
- Tomlin, John R., Brooklyn, and A. J. Horton, White Plains, assignors to Irving Trust Company, Permanent Trustee R. Hoe & Co., Inc., New York, N. Y. Printing machine. 2,022,696; Dec. 3.
- Tomlin, John R., Alexandria, Va., and H. V. Ball, Concord, Mass., assignors to Irving Trust Company, Permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Folding roller for printing machine folders. 2,024,258; Dec. 17.
- Tomlinson, Alfred E., Cleveland, Ohio. Faucet. 2,017,739; Oct. 15.
- Tomlinson, Charles H., assignor to The Tomlinson Coupler Company, Mansfield, Ohio. Car coupler. 1,989,894; Feb. 5.
- Tomlinson Coupler Company, The. (See Tomlinson, Charles H., assignor.)
- Tommerup, Carl C. H., Lakewood, Ohio. Paving means. 1,994,930; Mar. 19.
- Tompkins, Claude A. (See Dixon, Cornelius W., assignor.)
- Tompkins, Claude A., Jacksonville, Fla. Turpentine cup and securing means. 2,006,089; June 25.
- Tompkins, Claude A., Jacksonville, Fla. Turpentine gutter. 2,025,792; Dec. 31.
- Tompkins, Emerson H., assignor to Scoville Manufacturing Company, Waterbury, Conn. Steaming spool. 1,999,379; Apr. 30.
- Tompkins, Ernest E., Haverford, assignor to Rubber Specialties Company, Incorporated, Conshohocken, Pa. Model and toy building and construction elements therefor. 2,013,771; Sept. 10.
- Tompkins, Herbert O., White Plains, N. Y. Display rack. 2,019,371; Oct. 29.
- Tompkins, James G., Venice, assignor to Grace Lankford, Santa Monica, Calif. Buckle. 1,995,439; Mar. 26.
- Tompkins, James G., Los Angeles, assignor to Grace Lankford, Santa Monica, Calif. Garment supporter. 1,998,564; Apr. 23.
- Tompkins, John D., Valatie, N. Y. Method of and apparatus for making paper board. 2,007,551; July 9.
- Tonal, Hideo, Honolulu, Hawaii. Hub cap. 2,014,058; Sept. 10.
- Tonal, Hideo, Honolulu, Territory of Hawaii. Vehicle direction signal. 2,025,624; Dec. 24.
- Tonich, Victor, Lins-Noeste, Brazil. Shaft coupling for automatically variable speed ratios, particularly for motor cars. 1,990,212; Feb. 5.
- Tondreau, Albert W., Hollywood, Calif., assignor to Warner Brothers Pictures, Inc., New York, N. Y. Focusing device for a motion picture camera. 2,005,014; June 18.
- Tone, Frank J., assignor to The Carborundum Company, Niagara Falls, N. Y. Furnace wall structure. 1,992,587; Feb. 26.
- Tone, Frank J., assignor to The Carborundum Company, Niagara Falls, N. Y. Forming refractory articles. 2,008,117; July 16.
- Tone, Fred I. (See Tone, Jay E. and F. I.)
- Tone, Jay E., Des Moines, Iowa. Gas generating process. 2,025,364; Dec. 24.
- Tone, Jay E., Des Moines, Iowa. Packing coffee. 1,992,556; Feb. 26.
- Tone, Jay E., Des Moines, Iowa, and F. I. Tone, St. Clair, Mich. Apparatus for treating filled containers. 1,992,557; Feb. 26.
- Tone, Jay E., Des Moines, Iowa, and F. I. Tone, St. Clair, Mich. Apparatus for gassing and sealing containers. 2,023,824; Dec. 10.
- Toney, Edward F. (See Currier, F. W., and Toney.)
- Toney, Edward F., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Store front construction. 1,999,219; Apr. 30.
- Toney, Edward F., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Store front construction. 2,015,769; Oct. 1.
- Tonjes, Henry, Jr., Wisner, Nebr. Plow hitch. 1,998,632; Apr. 16.
- Tonkin, Ronald, and J. S. Wilson, Earl's Road, Grange-mouth, Scotland, assignors to Imperial Chemical Industries Limited, Printing. 2,003,960; June 4.
- Tonko, Josef C., Detroit, Mich. Supporting device. 2,001,291; May 14.
- Tonks Manufacturing Company. (See Tonks, Thomas, assignor.)
- Tonks, Thomas, assignor to Tonks Manufacturing Company, Saginaw, Mich. Wood hog. 2,004,737; June 11.
- Tonn, Russel M., Massillon, Ohio. Metal cleat. 1,986,030; Jan. 1.
- Tonnar, Paul B., Cleveland, Ohio. Metallurgical furnace. 2,017,480; Oct. 15.
- Tonnar, Paul B., Cleveland, Ohio. End wall construction for open hearth furnaces. 2,021,245; Nov. 19.
- Toohy, Edward A., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Article of manufacture. 2,005,304; June 18.
- Toohy, Edward A., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Manufacturing moisture-resistant mineral wool. 2,022,750; Dec. 3.
- Toohy, Edward A., and A. Hughes, Somerville, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Heat insulating material and waterproofing same. 2,005,356; June 18.
- Toohy, Edward A., Somerville, and J. C. Kershaw, Dunellen, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Making corrugated asbestos sheeting. 2,015,416; Sept. 24.
- Toomey, Jeremiah F., New York, and J. F. McNally, Brooklyn, N. Y. Closure seal, and cap guard. 2,026,108; Dec. 31.
- Toomey, John F., New York, N. Y., and W. E. Hogan, South Boston, Mass., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,002,212; May 21.
- Toomey, John J., Chicago, Ill. Range. 1,998,999; Apr. 23.
- Toothaker, Bert A. and E. C., Denver, Colo. Placer mining machine. 2,022,303; Nov. 26.
- Toothaker, Elmer C. (See Toothaker, Bert A. and E. C.)
- Topham, Charles F. (See Baguley, N. G., Topham, and Lewis.)
- Topham, Charles F., Earlsdon, E. Hazeley, Brookside, and E. A. Morton, Coventry, assignors to Courtaulds Limited, London, England. Manufacture and production of tubular bodies from solutions of cellulose or of cellulose compounds. 2,010,207; Aug. 6.
- Topham, Laurence E., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe machine. 1,993,634; Mar. 5.
- Tophlifer, Inc. (See Olsen, Carl A., assignor.)
- Topping, John A., Bronxville, N. Y. Covering material. 2,006,417; July 2.
- Toriello, Angelo. (See Toriello, Frank and A., and Schroeder.)
- Toriello, Frank and A., Hackensack, and A. G. Schroeder, Teaneck, N. J. Sled brake. 2,005,920; June 25.
- Torigian, John, Queens Village, assignor to The Drug Products Co. Inc., Long Island City, N. Y. Therapeutic agent and making colloidal calcium malate. 2,002,842; May 28.
- Tormyn, Herman, and F. F. Wiethoff, assignors to General Motors Corporation, Detroit, Mich. Machine to countersink twenty holes in a wheel hub shell for short spokes. 1,995,485; Mar. 26.
- Tormyn, Herman, and F. F. Wiethoff, assignors to General Motors Corporation, Detroit, Mich. Machine to rivet bolt flange in hub shell. 1,995,486; Mar. 26.
- Tormyn, Herman, and F. F. Wiethoff, assignors to General Motors Corporation, Detroit, Mich. Machine to rivet twenty short spokes with hub and rim together. 1,995,487; Mar. 26.
- Tormyn, Herman, and F. F. Wiethoff, assignors to General Motors Corporation, Detroit, Mich. Machine to rivet twenty long spokes with hub and rim together. 1,995,488; Mar. 26.
- Tornblom, Nils A., Chicago, Ill., assignor to Appleton Electric Company. Explosionproof socket and plug. 1,995,195; Mar. 19.
- Tornblom, Nils A., Chicago, Ill., assignor to Appleton Electric Company. Explosionproof cable connector. 2,006,090; June 25.
- Torney, Franklin L., Quincy, Mass. Motor crank case or the like. 2,002,211; May 21.
- Tornoe, Ejnar, et al. (See Volf, Christian A., assignor.)
- Tornsjö, Gustaf E., assignor to Research Foundation, Inc., Columbia, Mo. Surgical needle. 2,001,638; May 14.
- Török, Gábor, Budapest, Hungary. Esterification of organic acids, with separation of the esters in highly concentrated form. 2,001,926; May 21.
- Toronto Electric Commissioners. (See Ambuhl, F. F., and Sutherland, assignors.)
- Toronto Electric Commissioners. (See Ashforth, E. M., Ambuhl, and Smith, assignors.)
- Torpedo-Werke Aktiengesellschaft Fahrräder und Schreibmaschinen. (See Etheridge, Herbert, assignor.)
- Torpey, Susan. (See Morten, W., Richter, and Torpey.)
- Torrance, James, Jr., assignor of one-half to J. A. Rayder, Philadelphia, Pa. Stethoscope. 1,994,008; Mar. 12.
- Torrance, Philip M. (See Taylor, R. S., Torrance and Anderson.)
- Torrance, Thomas A., Parnassus, and F. L. Endean, Pine Manor, assignors to Aluminum Company of America, Pittsburgh, Pa. Lubricating metal foil. 1,996,392; Apr. 2.
- Torrison, Theodore, Robbinsdale, Minn. Preventing alterations of serial numbers. 2,007,463; July 9.
- Torsion Balance Company, The. (See Becker, Christopher A., assignor.)
- Torstenson, Alvin C., New Orleans, La. Electric mail box. 2,006,907; July 2.
- Torstenson, Elmer L., Evanston, Ill. Sign. 2,003,126; May 28.
- Tost, Charles R., Cranston, assignor to The Hadley Company, Inc., Providence, R. I. Bracelet connector. 2,024,487; Dec. 17.

- Tosterud, Martin, Arnold, Pa., assignor, by mesne assignments, to Aluminum Colors, Incorporated, Indianapolis, Ind. Treating aluminum and aluminum alloy surfaces. 2,018,388; Oct. 22.
- Tosterud, Martin A., assignor to Aluminum Company of America, Pittsburgh, Pa. Treatment of coatings. 2,008,733; July 23.
- Toth, Louis. (See Peremi, E., and Toth.)
- Totten, Wm. Phelps. (See Anderson, Almer A., assignor.)
- Totzek, Friedrich, Essen-Stoppenberg, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Coke oven. 1,986,903; Jan. 8.
- Totzek, Friedrich, Essen-Stoppenberg, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Regenerative coke oven battery. 1,986,904; Jan. 8.
- Totzek, Friedrich, Essen-Stoppenberg, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Coke oven. 1,993,573; Mar. 5.
- Totzek, Friedrich, Essen-Stoppenberg, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Regenerative coke oven. 1,993,574; Mar. 5.
- Touborg, Jens, assignor to Gibson Electric Refrigerator Corporation, Greenville, Mich. Refrigerating apparatus. 2,020,860; Nov. 12.
- Touborg, Jens, and H. E. Rosebrook, assignors to Gibson Electric Refrigerator Corporation, Greenville, Mich. Evaporator. 2,005,277; June 18.
- Touborg, Jens, and H. E. Rosebrook, assignors to Gibson Electric Refrigerator Corporation, Greenville, Mich. Evaporator. 2,009,910; July 30.
- Touborg, Jens, and A. M. Jacobsen, assignors to Gibson Electric Refrigerator Corporation, Greenville, Mich. Ice tray release mechanism. 2,015,466; Sept. 24.
- Touceda, Enrique G., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Composition of matter. 1,996,711; Apr. 2.
- Touceda, Enrique G., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Centrifugal casting machine. 2,011,955; Aug. 20.
- Touceda, Enrique G., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Fusion indicating means. 2,024,615; Dec. 17.
- Touchstone, Grady R., assignor to Touchstone & Sparkman, Inc., Los Angeles, Calif. Dental cleaning brush. 1,993,763; Mar. 12.
- Touchstone & Sparkman, Inc. (See Touchstone, Grady R., assignor.)
- Toumin, Harry A., Jr., assignor to Business Corners, Inc. of Delaware, Dayton, Ohio. Record form. 1,997,840; Apr. 16.
- Tousley, Charles D., LeSueur, assignor of one-half to J. B. Ries, Shakopee, Minn. Smoker's appliance. 2,021,436; Nov. 19.
- Tousley, Nelson E., Waban, assignor to Hood Rubber Company, Inc., Watertown, Mass. Rubber footwear. 1,994,154; Mar. 12.
- Toussaint, Heinrich, Berlin-Lankwitz, Germany. Pit prop. 2,021,272; Nov. 19.
- Towell, William B., Jersey City, N. J. Piston ring. 1,994,491; Mar. 19.
- Tower, Elmer V. J. (See Rockwell, E. A., and Tower.)
- Tower, Elmer V. J., North Syracuse, N. Y., assignor, by mesne assignments, to The Russell Manufacturing Company, Middletown, Conn. Clutch. 1,993,124; Mar. 5.
- Tower, Elmer V. J., North Syracuse, N. Y., assignor to The Russell Manufacturing Company, Middletown, Conn. Automatic friction clutch. 1,995,406; Mar. 26.
- Tower, Elmer V. J., Lansing, Mich., assignor, by mesne assignments, to The Russell Manufacturing Company, Middletown, Conn. Vibration dampener. 1,993,126; Mar. 5.
- Tower, Elmer V. J., North Syracuse, N. Y., and L. H. Harris, Middletown, Conn., assignors, by mesne assignments, to The Russell Manufacturing Company, Middletown, Conn. Clutch transmitting element. 1,993,125; Mar. 5.
- Towers, Donigan D., assignor to Anchor Duck Mills, Rome, Ga. Laundry bag. 2,009,035; July 23.
- Towle Manufacturing Company. (See Nock, Harold E., assignor.)
- Towler, Leonard, Yeadon, near Leeds, and W. Towler, Yeadon, England. Mechanism for controlling the operation of jigger dyeing machines and for performing like functions. 1,994,545; Mar. 19.
- Towler, William. (See Towler, Leonard, and W.)
- Towne, Charles A., Des Moines, Iowa. Apparatus for drawing tabs from addressograph plate carriers. 2,016,101; Oct. 1.
- Towne, Charles C. (See Clarke, L. A., and Towne.)
- Towne, Charles C., Poughkeepsie, assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbon oils. 1,997,159; Apr. 9.
- Towne, Charles C., Poughkeepsie, assignor to The Texas Company, New York, N. Y. Pyrolysis of gaseous hydrocarbons. 2,011,385; Aug. 13.
- Towne, Leland J. (See Whittle, B. B., and Towne.)
- Towne, Thomas M. (See Ironside, Frederick N., assignor.)
- Towne, Willis H., Wilmette, Ill., assignor to Gifford-Wood Company. Stabilizer for traversing hoist buckets. 2,004,451; June 11.
- Towner, Clifford, Winchester, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Multiple operated slider. 1,988,761; Jan. 22.
- Towner, Harold G., New Haven, Conn. Fuse for projectiles. 1,992,926; Feb. 26.
- Towner, John E., New York, N. Y. Air shock and vibration absorber. 1,991,184; Feb. 12.
- Townley, William, Fort Dodge, Iowa, assignor to United States Gypsum Company, Chicago, Ill. Apparatus for splicing strips of paper. 2,002,554; May 28.
- Townsend, Arthur J. (See Naugle, H. M., and Townsend.)
- Townsend, Arthur J., et al. (See Townsend, A. J., and Miller, assignors.)
- Townsend, Arthur J., and E. S. Miller, assignors, by mesne assignments to H. M. Naugle and A. J. Townsend, Canton, Ohio. Method and apparatus for rolling uniform gauge stock. 2,003,160; May 28.
- Townsend, George F., New York, N. Y., assignor to American Telephone and Telegraph Company. Speed regulating device. 1,994,626; Mar. 19.
- Townsend, George R., Schenectady, N. Y., assignor to General Electric Company. Oil burner control. 1,986,031; Jan. 1.
- Townsend, George R., Schenectady, N. Y., assignor to General Electric Company. Heater control. 1,986,032; Jan. 1.
- Townsend, George R., Schenectady, N. Y., assignor to General Electric Company. Speed control means for spinning machines. 2,011,022; Aug. 13.
- Townsend, George R., Schenectady, N. Y., assignor to General Electric Company. Speed control means for spinning machines. 2,011,023; Aug. 13.
- Townsend, George R., Schenectady, N. Y., assignor to General Electric Company. Packing gland. 2,022,529; Nov. 26.
- Townsend, Harry E., Brooklyn, N. Y. Wrapping machine. 2,006,564; July 2.
- Townsend, Harry F. (See Schmidt, Graydon, assignor.)
- Townsend, John B., assignor to A. H. Heisey & Company, Newark, Ohio. Apparatus for burning pulverized fuel. 2,009,641; July 30.
- Townsend, John J., Camden, N. J., assignor to J. Schmidt, Buffalo, N. Y. Cooking apparatus. 1,999,430; Apr. 30.
- Townsend, John S., assignor to Wilson & Bennett Manufacturing Company, Chicago, Ill. Barrel closure. 1,991,301; Feb. 12.
- Townsend, John S., assignor to Wilson & Bennett Manufacturing Company, Chicago, Ill. Pail and spout. 1,994,442; Mar. 12.
- Townsend, John S., assignor to Wilson & Bennett Mfg. Co., Chicago, Ill. Clamping device. 2,016,947; Oct. 8.
- Townsend, Oland, Newburgh, N. Y. Combination chair. 1,990,847; Feb. 12.
- Townsend, Percival J., Los Angeles, Calif., assignor to Radio-Keith-Orpheum Corporation. Recording of electrical impulses. 1,997,024; Apr. 9.
- Townsend, William F., Flushing, N. Y. Excavation means. 2,010,422; Aug. 6.
- Townsend, William S., Rochester, Pa., assignor of one-half to American Can Company, New York, N. Y. Canned oil dispensing apparatus. 1,998,263; Apr. 16.
- Townshend, Bailey, Westfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Lightweight ceramic article and making the same. 2,003,319; June 4.
- Townshend, W. T., administrator. (See McWhorter, M. T. (deceased), and Hiestand.)
- Towse, William R., Franklin Township, Franklin County, Ohio. Anchor for shoe heels. 2,026,004; Dec. 31.
- Towson, Morris S., Shaker Heights, assignor, by mesne assignments, to S. K. Towson, Cleveland Heights, Ohio. Industrial truck. 1,999,220; Apr. 30.
- Towson, Sheldon K. (See Golicik, Albert R., assignor.)
- Towson, Sheldon K. (See Towson, Morris S., assignor.)
- Towt, Charles W., Los Angeles, Calif. Apparatus for preventing damage to vegetation by frosting and sun-burning temperatures. 1,993,635; Mar. 5.
- Towt, Charles W., Los Angeles, Calif. Protecting vegetation. 1,998,856; Apr. 23.
- Toxey, Walter W. (See Mechler, O. V., and Toxey.)
- Toyoda, Kiichiro, Nagoya, Japan. Thread cutting device for automatic looms. 2,007,485; July 9.
- Trabulsi, Michel D., Houston, Tex. Cigarette holder. 2,012,439; Aug. 27.
- Tracy, James, assignor of one-half to J. H. Weinberg, Boonton, N. J. Skate. 1,989,344; Jan. 29.
- Trachsel, Louis S., Franklin, Pa., assignor to Chicago Railway Equipment Company, Chicago, Ill. Foundry equipment. 1,986,987; Jan. 8.
- Trachtenberg, Harry, Richmond Hill, N. Y. Toilet kit. 2,014,822; Sept. 17.
- Trachtenberg, Sam Z., Munhall, Pa. Brick veneer and applying the same. 2,024,312; Dec. 17.
- Trachtenberg, Samuel, Cleveland, Ohio. Safety razor. 1,993,575; Mar. 5.
- Trackson Company. (See Frank, Louis C., assignor.)
- Tracy, Arthur D., Lunenburg, Mass. Animal feeding and watering device. 2,017,265; Oct. 15.
- Tracy, Michael J., Robertson, Mo. Operating and locking mechanism for cell doors. 2,012,327; Aug. 27.
- Tracy, Robert W. (See Buzzard, G. H., and Tracy.)
- Tracy, Robert W., assignor to The DeVilbiss Company, Toledo, Ohio. Spray head. 2,019,941; Nov. 5.
- Tracy, William J., Portland, Ore. Remote control for electric elevators. 1,996,984; Apr. 9.

- Trader, Wilbur S. (See Robinson, C. A., Price, and Trader.)
- Tradewald Corporation. (See Binnall, Frederick C., assignor.)
- Tradewald Corporation, et al. (See Binnall, Frederick C., assignor.)
- Traenkle, Karl A. (See Pfeiffer, F., and Traenkle.)
- Trafton, William M. (See Loepsinger, A. J., and Trafton.)
- Traill, David, Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Manufacture of flexible electrical insulating material. 1,994,931; Mar. 19.
- Trainer, James E. (See Miller, B. H., and Trainer.)
- Trainer, James E., Fairlawn, and C. Ziegler, Barberton, Ohio, assignors to the Babcock & Wilcox Company, Bayonne, N. J. Welding device. 2,003,320; June 4.
- Trainer, James E., Fairlawn, and J. P. Roger, Barberton, Ohio, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Furnace. 2,015,699; Oct. 1.
- Trainer, Merrill A., Westmont, N. J., assignor to Radio Corporation of America. Television system. 2,017,136; Oct. 15.
- Trainor, Felix J., assignor to Trainor National Spring Company, Newcastle, Ind. Spring frame seat. 2,006,421; July 2.
- Trainor, Felix J., assignor to Trainor National Spring Company, Newcastle, Ind. Resilient frame seat. 2,006,422; July 2.
- Trainor National Spring Company. (See Trainor, Felix J., assignor.)
- Traller, Alford D., East Saugatuck, Mich. Dough package. 1,988,058; Jan. 15.
- Tramm, Heinrich. (See Grimme, W., and Tramm.)
- Tramm, Heinrich, Oberhausen-Holteln, Germany. Absorption vessel for gases and vapors. 2,014,823; Sept. 17.
- Tramm, Heinrich, assignor to Ruhrchemie Aktiengesellschaft, Oberhausen-Holteln, Germany. Chlorination of hydrocarbons. 2,016,658; Oct. 8.
- Tramm, Heinrich, assignor to Ruhrchemie Aktiengesellschaft, Oberhausen-Holteln, Germany. Fertilizer method. 2,025,915; Dec. 31.
- Tramm, Heinrich, assignor to Ruhrchemie Aktiengesellschaft, Oberhausen-Holteln, Germany. Producing fertilizers. 2,025,916; Dec. 31.
- Tramm, Heinrich, and C. Clar, assignors to Ruhrchemie Aktiengesellschaft, Oberhausen-Holteln, Germany. Production of fertilizers. 1,999,026; Apr. 23.
- Trammell, Webb, United States Navy. Device for training and instruction in the firing of small arms. 2,023,497; Dec. 10.
- Tranzas, Emil L., assignor to Koebring Company, Milwaukee, Wis. Power clutch. 2,011,427; Aug. 13.
- Tranchell, Jacob J., assignor to Highway Form Company, Portland, Oreg. Tile or block. 2,011,531; Aug. 13.
- Trane Company, The. (See Ringquist, Clarence L., assignor.)
- Trane, Reuben N., LaCrosse, Wis. Heater. 1,990,356; Feb. 5.
- Trane, Reuben N., La Crosse, Wis. Air conditioning unit. 2,004,255; Aug. 11.
- Trane, Reuben N., La Crosse, Wis. Heat exchanger. 2,009,863; July 30.
- Trans-Lux Daylight Picture Screen Corporation. (See Bowen, Lester W., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Conord, Herbert C., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Hamer, James H. S., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Hanks, Austin K., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Newman, David F., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Unkles, Edward H., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Ward, Joshua, assignor.)
- Transparent-Wrap Machine Corporation. (See Zwayer, Walter R., assignor.)
- Transplanters (Holding Company) Ltd. (See Pomieranec, Israel, assignor.)
- Transportation Systems, Inc. (See Main, David W., assignor.)
- Traphagen, Frank W., Golden, Colo., assignor, by mesne assignments, to Ore Solvents Corporation. Metallurgical process and apparatus. 2,017,330; Oct. 15.
- Trask, Merrill H., assignor of one-third to G. H. Van Burger, and one-third to H. J. Aldrich, Lansing, Mich. Brake shoe. 2,022,328; Nov. 26.
- Tratsch, Walter A., Chicago, Ill. Coin chute. 1,992,642; Feb. 26.
- Traube, Wilhelm, and F. Kubbiier, Berlin, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Complex compound of metals with aliphatic polyhydric alcohols and preparing the same. 1,990,442; Feb. 5.
- Traudt, William F., Buffalo, N. Y. Pulp or fibrous-mass breaker. 1,992,261; Feb. 26.
- Traudt, William F., Buffalo, N. Y. Apparatus for washing or treating materials. 2,005,015; June 18.
- Traum, David, New York, N. Y. Doorstop. 1,989,536; Jan. 29.
- Traut, Clifford, assignor to The Higgin Manufacturing Company, Newport, Ky. Metal frame storm window. 1,993,535; Mar. 5.
- Traut, Rudolf, Mulheim-Ruhr, Germany. Scaling tubes. 2,004,422; June 11.
- Trautman, Oscar C. (See Wood, W. H., Trautman, and Benninghoff.)
- Trautman, Ray, Minneapolis, Minn. Artificial leg. 2,025,835; Dec. 31.
- Traver, Fred C., Maywood, Ill. Folded blank box. 1,996,356; Apr. 2.
- Traver, Harry G., Beaver Falls, Pa. Chair. 2,000,624; May 7.
- Traver, William A., assignor to Franklin Process Company, Providence, R. I. Apparatus for processing textiles and like materials. 2,004,229; June 11.
- Travers, James L., assignor to M. H. Russell, Cleveland, Ohio. Artificial eye. 1,993,121; Mar. 5.
- Travers, Joseph L., Watsonville, Calif. Attachment for tractor plows. 2,024,786; Dec. 17.
- Travers, Lewis C. (See Greenwood, C. S., and Travers.)
- Travilla, James C., Jr., Philadelphia, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 1,995,525; Mar. 26.
- Travilla, James C., Jr., Philadelphia, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Steam locomotive structure. 2,019,278; Oct. 29.
- Travilla, James C., Jr., Philadelphia, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Locomotive structure. 2,019,279; Oct. 29.
- Travis, Alvin J., Gray, assignor of five twenty-fourths to J. L. Stump, seven twenty-fourths to O. Sutton, and four twenty-fourths to O. A. Sutton, Hardesty, Okla. Oil pump. 2,011,883; Aug. 20.
- Travis, Charles, Philadelphia, Pa., assignor to Radio Corporation of America. Positive grid push-pull circuits. 2,016,402; Oct. 8.
- Travis, Charles, Philadelphia, Pa., assignor to Radio Corporation of America. Delayed automatic volume control circuit. 2,018,982; Oct. 29.
- Travis, Thomas J., Metairie Ridge, La. Automobile jack. 2,012,554; Aug. 27.
- Trayer Bolt Company. (See Tryon, William A., assignor.)
- Trayer Products Incorporated. (See Tryon, William A., assignor.)
- Traylor Engineering and Manufacturing Company. (See Bernhard, R., and Cheesman, assignors.)
- Traylor Engineering and Manufacturing Company. (See Cheesman, Richard D., assignor.)
- Traylor Engineering & Manufacturing Company. (See Patten, Charles H., assignor.)
- Traylor Engineering & Manufacturing Company. (See Shaffer, R. E., and Bernhard, assignors.)
- Tray Service Company. (See McGinley, William L., assignor.)
- Trbojevic, Nikola, Detroit, Mich. Generating worms. 1,987,877; Jan. 15.
- Trbojevic, Nikola, Detroit, Mich. Grinding worms and screws. 2,011,956; Aug. 20.
- Treadwell Engineering Company. (See Mikaelson, E. W., and Hamilton, assignors.)
- Treadwell Engineering Company. (See Schreck, Hans L., assignor.)
- Treadwell, M. H., Company, Inc. (See Astrom, Carl P., assignor.)
- Treadwell, Madison F., St. Petersburg, Fla. Applicator for mouth suction. 1,986,988; Jan. 8.
- Treble, Henning A., Baltimore, Md., assignor to Hanovia Chemical and Manufacturing Company, Newark, N. J. Device for the irradiation of milk with ultra-violet rays. 2,001,555; May 14.
- Treble, Henning A., Baltimore, Md., and C. J. Larsen, East Orange, assignors to Hanovia Chemical and Manufacturing Company, Newark, N. J. Irradiating apparatus. 2,018,332; Oct. 22.
- Tredget, Cyril, Deptford, London, England. Wrapping of articles. 1,999,431; Apr. 30.
- Treer, Ross B., Lakewood, assignor to The Cleveland Punch & Shear Works Company, Cleveland, Ohio. Power press. 2,007,290; July 9.
- Treesdale Laboratories, Inc. (See Hochstetter, Frederick W., assignor.)
- Trefz, Julius J., assignor of one-half to O. Kaspar, Chicago, Ill. Air intake for manifolds. 2,021,337; Nov. 19.
- Trego, Frank H., assignor, by mesne assignments, to Ralph E. Coxhead Corporation, New York, N. Y. Printing instrumentality for typewriting machines. 2,007,227; July 9.
- Trego, Frank H., assignor, by mesne assignments, to Ralph E. Coxhead Corporation, New York, N. Y. Printing instrumentality for typewriting machines. 2,007,228; July 9.
- Trego, Frank H., assignor, by mesne assignments, to Ralph E. Coxhead Corporation, New York, N. Y. Printing instrumentality for typewriting machines. 2,007,229; July 9.
- Tregoning, William C., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Attachment plug receptacle. 2,001,990; May 21.
- Tregoning, William C., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Molded insulation article. 2,008,777; July 23.
- Treiber, Otis D. (See Engel, W. F., La Salle and Treiber.)
- Treiber, Otis D., assignor to Hercules Motors Corporation, Canton, Ohio. Internal combustion engine, and valve apparatus therefor. 2,025,836; Dec. 31.

- Treitel, Heinrich, Berlin, Germany, assignor to General Electric Company. Power set. 2,014,956; Sept. 17.
- Treloar, James, Hamilton, New Zealand. Steam generator. 2,002,254; May 21.
- Treloar, James, Hamilton, New Zealand. Pump. 2,024,787; Dec. 17.
- Treloar, Leslie R. G. (See Smithells, C. J., and Treloar.)
- Tremblay, Euclide, Lawrence, Mass. Tension release mechanism. 1,990,623; Feb. 12.
- Trembour, Max R., Beaver, and H. Wilson, Jr., assignors to Jessop Steel Company, Washington, Pa. Manufacturing composite metal articles. 2,002,229; May 21.
- Trembour, Max R., Beaver, assignor to Jessop Steel Company, Washington, Pa. Making composite ferrous articles. 2,023,908; Dec. 10.
- Tremere, Benjamin B. (See Atkins, Charles H., assignor.)
- Tremere, Marion E., executrix. (See Atkins, Charles H.)
- Tremolada, Guglielmo, assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Combination flexible coupling and torque control. 1,996,311; Apr. 2.
- Tremolada, Guglielmo, assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Torque operated mechanism. 1,996,312; Apr. 2.
- Trepalla Leo C., La Salle, Ill. Method of and apparatus for projecting pictures. 2,018,690; Oct. 29.
- Trendell, Frederick W., assignor to Clement Talbot Limited, London, England. Apparatus for surface finishing the side walls of slots. 1,988,025; Jan. 15.
- Trent, Harold E., Company. (See Trent, H. E., and Whitney, assignors.)
- Trent, Harold E., and Charles L. Whitney, Philadelphia, Pa., assignors to H. E. Trent Company. Electric heater unit and making same. 2,012,977; Sept. 3.
- Trent, Walter R. (See Whitmore, F. C., Homeyer, and Trent.)
- Trent, Walter R. (See Whitmore, F. C., and Trent.)
- Trepanier, William M. (See Nordmarken, Alfred G., assignor.)
- Treppenhauer, Martin, Dresden, Germany. Vacuum cleaner. 1,996,632; Apr. 2.
- Treppenhauer, Max. (See Wulff, C., Nicodemus, and Treppenhauer.)
- Trepte, Alfred H. C., and P. Shalita, Los Angeles, Calif. Table. 2,015,976; Oct. 1.
- Treshansky, Berl, and M., Chicago, Ill. Display sign. 2,020,084; Nov. 5.
- Treshansky, Meyer. (See Treshansky, Berl and M.)
- Tretbar, Edward F., Jr., Camden, N. J. Making blocks for printing. 2,010,905; Aug. 13.
- Tretthewey, Frank L., Toronto, Ontario, Canada. Draught regulator. 2,007,486; July 9.
- Tretolite Company. (See De Groote, Melvin, assignor.)
- Tretolite Company. (See De Groote, M., and Keiser, assignors.)
- Tretolite Company. (See De Groote, M., Keiser, and Wirtel, assignors.)
- Tretolite Company. (See De Groote, M., and Wirtel, assignors.)
- Tretolite Company. (See Roberts, Claudius H. M., assignor.)
- Tretolite Company. (See Stehr, Charles N., assignor.)
- Tretolite Company, The. (See Walker, John C., assignor.)
- Treviño, Alberto F. (See Lyss, E., and Treviño.)
- Trevisin, Luigi, New York, N. Y. Lock. 1,995,159; Mar. 19.
- Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Tuning system. 2,000,677; May 7.
- Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Tuning circuit. 2,006,526; July 2.
- Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Tuning circuits. 2,009,212; July 23.
- Trew, James W., Gettysburg, assignor to Rice, Trew & Rice Co. Inc., Biglerville, Pa. Edge guard. 2,005,402; June 18.
- Trew, James W., Gettysburg, assignor to Rice, Trew & Rice Co. Inc., Biglerville, Pa. Box lining. 2,006,780; July 2.
- Trey, Serge, and W. Howard, College Point, and A. Chesin, Brooklyn, N. Y. Aerofoil. 2,004,256; June 11.
- Triangle Service Corporation, The. (See Yager, Harold A., assignor.)
- Trickel, Otto L., Tulsa, Okla. Pocket display device. 2,022,793; Dec. 3.
- Trico Fuse Manufacturing Co. (See Jung, O. H., and Heffelfinger, assignors.)
- Trico Products Corporation. (See Bean, Barton A., Jr., assignor.)
- Trico Products Corporation. (See Horton, Erwin C., assignor.)
- Trico Products Corporation. (See Horton, E. C., and Hueber, assignors.)
- Trico Products Corporation. (See Horton, E. C., and Rappi, assignors.)
- Trico Products Corporation. (See Hueber, Henry, assignor.)
- Trico Products Corporation. (See Hueber, H., and Horton, assignors.)
- Trico Products Corporation. (See Olshei, John R., assignor.)
- Trico Products Corporation. (See Olshei, J. R., and Hueber, assignors.)
- Trico Products Corporation. (See Olshei, J. R., and Schaal, assignors.)
- Tricouni Societe Anonyme. (See Genecand, Félix, assignor.)
- Triebnigg, Heinrich, assignor to Humboldt-Deutzmotoren, A. G., Cologne-Deutz, Germany. Starting and accelerating Diesel-locomotives with direct drive on the axles. 2,010,469; Aug. 6.
- Trier, Vernon A., London, England. Fluid pressure apparatus. 1,995,659; Mar. 26.
- Triggs, Kenneth F., assignor to The Majestic Company, Huntington, Ind. Incinerator. 1,985,962; Jan. 1.
- Triller, Benjamin J., Dubuque, Iowa. Window construction. 1,987,380; Jan. 8.
- Triller, Benjamin J., Dubuque, Iowa. Constructing and installing windows. 1,995,233; Mar. 19.
- Triller, Benjamin J., Dubuque, Iowa. Window construction and installing the same. 2,023,753; Dec. 10.
- Trimbach, Clem G., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Adapter for twin flexible machine guns. 2,014,791; Sept. 17.
- Trimble, Homer L., Cleveland Heights, Ohio. Display container. 2,005,278; June 18.
- Trimont Manufacturing Co. (See Williamson, Ralph J., assignor.)
- Trinidad Leaseholds, Limited. (See Berry, Arthur G. V., assignor.)
- Trion Company, The. (See Dunn, Carl L., assignor.)
- Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Circuit protecting device. 2,017,639; Oct. 15.
- Triplett, R. L. (See Wenger, Floyd E., assignor.)
- Triplett, Ray L., Bluffton, Ohio. Audion tube tester. 2,001,945; May 21.
- Triplett, Ray L., Bluffton, Ohio. Audion tube tester. 2,007,989; July 16.
- Tripolitis, Constantine D., Santa Monica, Calif., assignor to Baldwin-Southwark Corporation, Eddystone, Pa. Extensometer. 2,017,876; Oct. 22.
- Tripolitis, Themios, New York, N. Y. Butter cutting and dispensing device. 2,021,340; Nov. 19.
- Tripp, John P., Montreal, Quebec, Canada. Arc welding apparatus. 1,991,128; Feb. 12.
- Tri State Tool Company, The. (See Pityo, A. F., and Mitchell, assignors.)
- Trittle, John F. (See McNairy, Jacob W., and Trittle.)
- Trittle, John F., Erie, Pa., assignor to General Electric Company. Blowout coil. 1,988,927; Jan. 22.
- Trittle, John F., Erie, Pa., assignor to General Electric Company. Emergency dynamic braking. 2,008,524; July 16.
- Tritt, Forest G., Barberton, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Partitioned hollow rubber article and making the same. 2,001,594; May 14.
- Trix, Herbert B. (See Vang, A., and Klenle, assignors.)
- Trix, Herbert B., Grosse Pointe Village, assignor to American Injector Company, Detroit, Mich. Thermostatic valve. 2,006,153; June 25.
- Trobridge, Geoffrey W. (See Gorham, W. G., and Trobridge.)
- Trobridge, Geoffrey W., Sutton Coldfield, assignor to Dunlop Rubber Company Limited, Birmingham, England. Making rubber backed fibrous articles. 1,988,928; Jan. 22.
- Trobridge, Geoffrey W., Sutton Coldfield, assignor to Dunlop Rubber Company Limited, London, England. Making cellular rubber. 2,023,296; Dec. 3.
- Troeber, Otto B., Greenwich, Conn., and W. S. Halstead, White Plains, N. Y. Steam cooker and food warming device. 2,024,259; Dec. 17.
- Troedel, Albert T. (See Cooper, E. E., and Troedel.)
- Troeger, Roy C. (See Steele, C. J., and Troeger.)
- Troendly, Harry P., assignor to W. D. Gibson Co., Chicago, Ill. Machine for grinding springs. 1,992,452; Feb. 26.
- Troendly, Harry P., assignor to The Wm. D. Gibson Company, Chicago, Ill. Cutting device. 2,007,012; July 2.
- Troendly, Harry P., and P. W. White, assignors to Parva Products Company, Chicago, Ill. Buckle. 2,007,436; July 9.
- Trogon, William H., Worthville, N. C. Cotton-lap weight indicator. 2,004,020; June 4.
- Trogner, Arthur M., Maplewood, N. J., assignor to Wired Radio, Inc., New York, N. Y. Protective system. 2,002,555; May 28.
- Troiel, Arthur E., Berkeley, Calif. Form for plastic structural work. 2,017,553; Oct. 15.
- Trojan Limited. (See Rickwood, Henry J., assignor.)
- Trojan Powder Company. (See Snelling, Walter O., assignor.)
- Trojan Powder Company. (See Williams, David G., assignor.)
- Trojan Powder Company. (See Wyler, Joseph A., assignor.)
- Troland, Leonard T., deceased, by Cambridge Trust Company, Cambridge, Mass., executor, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Monopack process. 1,993,576; Mar. 5.
- Troland, Leonard T., Cambridge, Mass., assignor to Technicolor, Inc., New York, N. Y. Photographic matrix. 2,013,116; Sept. 3.
- Trombetta, Panfilo, and G. W. Knight, assignors, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Electric heater. 1,992,588; Feb. 26.

- Trombetta, Panfilo, Shorewood, Wis. Electromagnetic brake. 2,026,513; Dec. 31.
- Trombly, Alexander A., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Machine for attaching keys to containers. 2,003,321; June 4.
- Tromp, Felix J., Pretoria, Union of South Africa. Apparatus for the concentration and/or sizing of mineral particles. 1,999,000; Apr. 23.
- Trompeter, David, New York, N. Y. Electric light bulb, etc. 1,994,056; Mar. 12.
- Trompeter, David, New York, N. Y. Garbage and miscellaneous refuse receptacle. 2,015,824; Oct. 1.
- Trompier, Louis, Villeurbanne, France. Sheet separating device. 1,991,989; Feb. 19.
- Tronnier, Albrecht W., Kreuznach, Germany. Photographic objective. 1,987,878; Jan. 15.
- Tropic-Aire Incorporated. (See Nilson, Leonard D., assignor.)
- Tropp, James, New York, N. Y. Receiving rack for ironing machines. 1,986,305; Jan. 1.
- Trott, Arthur J., Greensburg, Pa., assignor to Walworth Patents Inc., Boston, Mass. Locking device. 1,986,128; Jan. 1.
- Trott, Rolland S., Denver, Colo. Engine mounting. 2,011,235; Aug. 13.
- Trott, Rolland S., Denver, Colo. Transmission gear shift mounting, and connection. 2,026,444; Dec. 31.
- Trott, Rolland S., Denver, Colo. Gear shift mechanism, and engine mounting. 2,026,445; Dec. 31.
- Trott, Rolland S., Denver, Colo. Exhaust line mounting. 2,026,446; Dec. 31.
- Trott, Rolland S., Denver, Colo. Control mounting. 2,026,447; Dec. 31.
- Trotta, Leonard, and H. Perlesz, assignors to Burton-Dixie Corporation, Chicago, Ill. Spring-cushion. 2,009,242; July 23.
- Trotter, George C., assignor to Illinois Tool Works, Chicago, Ill. Coupling and driving device. 2,015,878; Oct. 1.
- Trotter, Herbert, Jr., Woodstock, and J. W. Beams, Charlottesville, Va. Air conditioning. 2,016,825; Oct. 8.
- Trotter, John L., and V. Hall, St. Louis, Mo. Direction indicator. 2,004,557; Jan. 11.
- Trotter, Robert J., Pittsburgh, Pa. Cabinet. 2,023,154; Dec. 3.
- Trotter, Walter F., Cincinnati, Ohio. Vibrating device. 2,025,318; Dec. 24.
- Trouant, Virgil B., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Radio transmitting system. 1,994,902; Mar. 19.
- Trout, Charles L., New York, N. Y., assignor to C. L. Trout, trustee, Scarf pin and holder. 2,002,195; May 21.
- Trout, Charles L., trustee. (See Trout, Charles L., assignor.)
- Trout, George H., Chicago, Ill., assignor by mesne assignments, to International Projector Corporation, New York, N. Y. Regulating rotary motion device. 1,988,762; Jan. 22.
- Trout, Walter C., Lufkin, Tex. Pumping unit with sliding gear crank arm release. 2,019,549; Nov. 5.
- Troutman, Charles L., and C. F., Elyria, Ohio. Garment hanger. 2,008,604; July 16.
- Troutman, Clarence F. (See Troutman, Charles L., and C. F.)
- Troutman, Phillip O., Pittsburgh, Pa., assignor to Bendix Brake Company, South Bend, Ind. Four-wheel brake equalizer. 1,996,263; Apr. 2.
- Troutman, William J. (See Wheeler, Brian, assignor.)
- Trow, Richard F., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oil. 2,016,304; Oct. 8.
- Trow, Richard F., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,016,948; Oct. 8.
- Trow, Richard F., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Converting hydrocarbon oils. 2,016,949; Oct. 8.
- Trow, Richard F., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,016,950; Oct. 8.
- Trow, Richard F., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,018,475; Oct. 22.
- Trow, Richard F., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,023,775; Dec. 10.
- Trowbridge, Bert, et al. (See Edwards, Harry, assignor.)
- Troxel Manufacturing Company, The. (See Brandt, John W., assignor.)
- Troxel Manufacturing Company. (See Linder, Andrew J., assignor.)
- Troy, Max, Brooklyn, N. Y. Laundry drying machine. 1,998,912; Apr. 23.
- Troy, Seymour, New York, N. Y. Leather article and making same. 1,995,828; Mar. 26.
- Troyer, Nelson, and M. L. Dodge, Seattle, Wash., assignors to Continental Can Company, Inc., New York, N. Y. Forming mechanism for flat can bodies. 2,007,511; July 9.
- Trubenizing Process Corporation. (See Liebowitz, Benjamin, assignor.)
- Trucktor Corporation, The. (See Farris, Clayton, assignor.)
- Trudeau, Mederic, assignor one-half to C. F. Logan, Rochester, N. Y. Self sealing joint. 1,999,743; Apr. 30.
- True, Charles H., Chicago, and J. R. Hickox, La Grange, Ill.; said True assignor to said Hickox. Feeding apparatus. 1,991,235; Feb. 12.
- True, James, Washington, D. C. Policeman's truncheon. 2,026,077; Dec. 31.
- True, Nathan F. (See Johnson, L. D., True, and Engel.)
- Trueblood, George L., Oakland, Calif. Fire extinguisher. 2,021,493; Nov. 19.
- Truesdell, Arthur E., Pittsfield, Mass. Thread or yarn cleaner. 2,002,843; May 28.
- Truesdell, Francis W., Lynn, Mass., assignor to General Electric Company. Time switch. 2,020,974; Nov. 12.
- Truesdell, John P., Barrington, R. I. Sound resonating and amplifying attachment. 1,999,919; Apr. 30.
- Truett, Fred M., et al. (See Efflandt, Herbert W., assignor.)
- Trufant, Alton P., Whitman, Mass. Close rear vision reflector for automobiles and the like. 1,986,033; Jan. 1.
- Truitt, Carter F., San Diego, Calif. Cabinet water cooler. 1,991,641; Feb. 19.
- Truman, Orley H., Houston, Tex., assignor to Standard Oil Development Company. Gravity meter. 1,988,527; Jan. 22.
- Truman, Orley H., Houston, Tex., assignor to Standard Oil Development Company. Gravity meter with compensator. 1,998,345; Apr. 16.
- Trumbull Electric Company, Pacific Division. (See von Normann, Alfred G., assignor.)
- Trumbull Electric Manufacturing Company, The. (See Broadwell, Harry M., assignor.)
- Trumbull Electric Manufacturing Company, The. (See Getchell, Benjamin E., assignor.)
- Trumbull Electric Manufacturing Company, The. (See Hammerly, Herman J., assignor.)
- Trumbull Electric Manufacturing Company, The. (See Harvey, Frank, assignor.)
- Trumbull Electric Manufacturing Company. (See Heppler, Carroll D., assignor.)
- Trumbull Electric Manufacturing Company, Pacific Division. (See von Normann, Alfred G., assignor.)
- Trump, Edward N., Syracuse, N. Y. System for mining a soluble. 2,009,534; July 30.
- Trump, Edward N., Syracuse, N. Y. Mining a soluble. 2,009,535; July 30.
- Trumpler, William E. (See Church, W. H., Kidney, Hoffman and Trumpler.)
- Trumpler, William E., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Blower. 2,015,502; Sept. 24.
- Truscon Steel Company. (See Hughes, Grover A., assignor.)
- Truscon Steel Company. (See Kahn, Julius, assignor.)
- Truscon Steel Company. (See Kahn, J., and Schulz, assignors.)
- Truscon Steel Company, The. (See Macleod, Donald K., assignor.)
- Truscon Steel Company. (See Morgan, David H., assignor.)
- Truscon Steel Company. (See Schaffert, Adolf H., assignor.)
- Truscon Steel Company. (See Schulz, Walter F., assignor.)
- Truscon Steel Company. (See White, Herbert E., assignor.)
- Truscott, Jas., & Son, Limited. (See Boyce, Harold A., assignor.)
- Trusler, Frank S., Vernon, Tex. Dry heat molding unit for molding artificial dentures. 2,013,368; Sept. 3.
- Truslow, James L., assignor to Whitin Machine Works, Whitinsville, Mass. Long draft spinning. 2,020,483; Nov. 12.
- Trussed Concrete Steel Company Limited, The. (See Green, Douglas H., assignor.)
- Trussed Concrete Steel Company Limited, The. (See Hole, Ernest R., assignor.)
- Trussell, Homer A., Detroit, Mich. Fuel system for internal combustion engines. 2,016,352; Oct. 8.
- Trust Company of Chicago, The, as trustee. (See Mangold, William B., assignor.)
- Trusty, Harry P., Los Angeles, Calif. Apparatus for collecting air mail and express. 2,017,081; Oct. 15.
- Truswell, Charles F., assignor of one-half to F. L. Condon, Detroit, Mich. Universal swiveled coupling for electrical conductors. 2,020,088; Nov. 5.
- Truthe, Wilhelm, Frankfurt-on-the-Main, Germany. Process for parting residues, sweepings, and the like containing precious metals. 1,996,985; Apr. 9.
- Trutner, Donald G. (See Anderson, V., and Trutner.)
- Trutner, Donald G., North Arlington, assignor to Alfred Hofmann & Company, West New York, N. J. Sealing-in apparatus. 1,989,898; Feb. 5.
- Trutner, Donald G., North Arlington, assignor to Alfred Hofmann & Company, West New York, N. J. Manufacture of lamp stems. 1,990,258; Feb. 5.
- Trutone Audifilm Corporation. (See Page, Milton H., assignor.)
- Tryon, Richard W., and G. M. Booth, Elizabeth, N. J., assignors to Standard Oil Development Company. Frangible safety device. 1,993,301; Mar. 5.
- Tryon, Richard W., Elizabeth, N. J., assignor to Standard Oil Development Company. Ball type check valve. 2,018,769; Oct. 29.

- Tryon, William A., assignor to Trayer Bolt Company, Inc., Elmira, N. Y. Wear compensating bearing. 2,016,757; Oct. 8.
- Tryon, William A., assignor to Trayer Products Incorporated, Elmira, N. Y. Automotive spring shackle link. 2,016,758; Oct. 8.
- Tschappat, Sheridan P., Tulsa, Okla. Tubing head. 2,001,946; May 21.
- Tschappat, Sheridan P., Tulsa, Okla. Coupling. 2,025,319; Dec. 24.
- Tschappat, William H., U. S. Army, Washington, D. C. Track for tracklaying vehicles. 1,986,865; Jan. 8.
- Tschappat, William H., United States Army, Washington, D. C., Suspension for vehicles. 2,025,793; Dec. 31.
- Tschirner, Frederick, Medford, N. J., assignor to Zeolite Chemical Company, New York, N. Y. Purification of water by zeolites. 2,004,257; June 11.
- Tseng, Andrew T. K., New York, N. Y., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake fluid. 1,990,149; Feb. 5.
- Tsuda, Kijiro, assignor to Goshi Kaisha Tsudabiki Pump Seisakusho, Hiroshima, Japan. Water clarifying apparatus. 2,022,329; Nov. 26.
- Tubbs, Ernest A., Long Island City, N. Y., assignor to Radio Corporation of America. Automatic volume control. 2,013,795; Sept. 10.
- Tubbs, Ira I., Superior, Wis. Shoe cleat. 2,002,556; May 28.
- Tubbs, Lester G., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,011,663; Aug. 20.
- Tubbs, Llewellyn G., Baltimore, Md. Reclaiming non-shatterable glasses. 2,006,527; July 2.
- Tubbs, William H., Drayton, Cosham, England. Reversing mechanism for steam engines. 2,021,469; Nov. 19.
- Tubize Chatillon Corporation. (See Barthélemy, H. L. Huffman, and Sellars, assignors.)
- Tubize Chatillon Corporation. (See Epps, Carl, assignor.)
- Tubize Chatillon Corporation. (See Mitchell, W. M., and Barthélemy, assignors.)
- Tubize Chatillon Corporation. (See Wheeler, Vaughn E., assignor.)
- Tubman, Thomas H. (See Palmer, Herbert R., assignor.)
- Tubus, A. G. (See Wefing, Adolf, assignor.)
- Tuck, William W. (See Kniskern, W. H., and Tuck.)
- Tucker Diesel Motor Co. Ltd. (See Tucker, Emmitt M., assignor.)
- Tucker, Emmitt M., Sacramento, Calif., assignor to Tucker Diesel Motor Co. Ltd. Two-cycle gas engine. 2,000,108; May 7.
- Tucker, Forrest E., Berthold, N. Dak. Repairing screens. 1,998,033; Apr. 16.
- Tucker, George R., North Andover, and L. W. Isom, Belmont, assignors to Dewey and Ahny Chemical Company, North Cambridge, Mass. Organic fiber and preparing same. 1,992,589; Feb. 26.
- Tucker, Gordon, Minneapolis, Minn., assignor to E. Roberts. Device for computing and indicating time intervals. 2,025,625; Dec. 24.
- Tucker, John E., assignor to West Haven Buckle Company, West Haven, Conn. Cable hanger. 2,007,820; July 9.
- Tucker, Murray E. (See Kayatt, Philip J., assignor.)
- Tucker, Ralph, Larchmont, assignor to The Commercial Shirt Corp., New York, N. Y. Man's shirt. 2,025,485; Dec. 24.
- Tucker, Raymond M., Sherman, Tex. Feeding mechanism for cutting machines. 2,004,021; June 4.
- Tucker, Thomas T., Atlanta, Ga. Water tight metal container, receptacle, and box. 2,015,205; Sept. 24.
- Tucker, William K., Berkeley, assignor to California Packing Corporation, San Francisco, Calif. Preparing marachino type cherries. 2,019,030; Oct. 29.
- Tucker, Woodson C., Miami, Fla. Shipping crate. 2,018,292; Oct. 22.
- Tuczek, Franz, Berlin-Spandau-Ruhleben, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Selective transmission system. 1,988,614; Jan. 22.
- Tudhope Metal Specialties Limited. (See Hutchinson, Francis A., assignor.)
- Tuft, Miles H., Rock Island, assignor to Deere & Company, Moline, Ill. Rod weeder. 1,995,160; Mar. 19.
- Tuft, Miles H., Rock Island, assignor to Deere & Company, Moline, Ill. Planter and fertilizer distributor. 2,001,003; May 14.
- Tufts, John L., Worcester, Mass. Method of and material for treating metal. 2,008,939; July 23.
- Tufts, Lesley R., East Cleveland, assignor, by mesne assignments, to The Cleveland Folding Machine Company, Mentor Township, Ohio. Paper handling machine. 1,987,352; Jan. 8.
- Tufts, Robert B., assignor of one-half to T. D. Meador, Atlanta, Ga. Highway road guard. 2,009,364; July 23.
- Tuley, William F., Nutley, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Treatment of rubber. 1,996,036; Mar. 26.
- Tuley, William F., Nutley, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Vulcanization of rubber. 2,013,117; Sept. 3.
- Tuley, William F., Nutley, N. J., assignor to Morgan & Wright, Detroit, Mich. Treatment of rubber. 2,016,403; Oct. 8.
- Tull, Walter H. S., Hampstead, England. Last. 2,016,844; Oct. 8.
- Tullis, Boyd W., Wichita, Kans. Shade holder and lamp hanger. 2,023,625; Dec. 10.
- Tullis, Boyd W., Wichita, Kans. Liquid hydrocarbon fuel burning device. 2,025,837; Dec. 31.
- Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Lamp. 2,008,882; July 23.
- Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Liquid hydrocarbon fuel burning device. 2,008,883; July 23.
- Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Hydrocarbon burner. 2,020,626; Nov. 12.
- Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Burner. 2,023,624; Dec. 10.
- Tunberg, Harry C. (See Corby, G. E. and Tunberg.)
- Tung-Sol Lamp Works, Inc. (See Schmidinger, J., and Bohner, assignors.)
- Tunstall, William B., Worcester, Mass. Vacuum cleaner. 1,993,231; Mar. 5.
- Tuppen, Gerard L., Burma, India. Refuse destructor. 2,008,884; July 23.
- Tupper, Arthur H., New York, N. Y. Shoe. 2,011,695; Aug. 20.
- Tupper, Earl S., Shirley, Mass. Removable rumble seat top. 2,002,514; May 28.
- Tupper Slipper Corporation. (See Bernstein, Irving A., assignor.)
- Tufts, Frank, Cleveland, Ohio. Aeroplane. 2,015,444; Sept. 24.
- Turck, Joseph A. V., assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Idle lock for calculating machines. 2,018,933; Oct. 29.
- Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Calculating machine. 2,020,975; Nov. 12.
- Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Calculating machine. 2,021,393; Nov. 19.
- Turcotte, Joseph A., Montreal, Quebec, Canada. Rotary brush. 2,016,219; Oct. 1.
- Turgoit, Robert C. L. P., Paris, France, assignor to Bendix Brake Company, South Bend, Ind. Brake adjusting device. 2,006,418; July 2.
- Turiansky, Abraham, New York, N. Y. Shoe. Des. 95,093; Apr. 2.
- Turk, Richard, assignor to The Porcelain Enamel and Manufacturing Company of Baltimore, Baltimore, Md. Production of enameled articles carrying a gloss and matt finish. 1,993,196; Mar. 5.
- Türk, Richard H., assignor to The Porcelain Enamel and Manufacturing Company of Baltimore, Baltimore, Md. Production of porcelain enameled articles of changeable color. 2,021,819; Nov. 19.
- Turkington, Victor H., Caldwell, N. J., assignor, by mesne assignments, to Floor Covering Patents, Inc., Wilmington, Del. Floor covering. 1,988,616; Jan. 22.
- Turkington, Victor H., Caldwell, N. J., assignor to Bakelite Corporation, New York, N. Y. Oil soluble resin. 2,006,189; June 25.
- Turkington, Victor H., Caldwell, and W. H. Butler, Arlington, N. J., assignors to Bakelite Corporation, New York, N. Y. Drying oil composition. 1,988,615; Jan. 22.
- Turkington, Victor H., Caldwell, and W. H. Butler, Arlington, N. J., assignors to Bakelite Corporation, New York, N. Y. Phenolic resinous products and compositions containing them. 2,017,877; Oct. 22.
- Turley, Harold G., Moorestown, N. J. Unhairing hides and skins. 2,016,260; Oct. 1.
- Turnbaugh, Elbert L., Reno, Nev., assignor to Eternal Calendar Corporation, San Francisco, Calif. Dual century calendar. 2,000,365; May 7.
- Turnbull, Harry C., Toronto, Ontario, Canada. Elevator control system. 1,993,422; Mar. 5.
- Turnpseed, Clarence, Springfield, Ohio, assignor of one-fourth to F. G. Campbell, Arlington County, Va. Turning, forming, and threading attachment for drill presses. 1,992,558; Feb. 26.
- Turner, Albert J., and H. G. Kittredge, assignors to The Kay & Ess Chemical Corporation, Dayton, Ohio. Fire-proof, waterproofing, and polishing. 1,992,020; Feb. 19.
- Turner, Charles A., Chicago, Ill., assignor, by mesne assignments, to Howe Manufacturing Company, Wilmington, Del. Fluid flow indicator. 1,994,970; Mar. 19.
- Turner, Charles A., Chicago, Ill., assignor, by mesne assignments, to Howe Manufacturing Company, Wilmington, Del. Delayed action electric switch. 1,997,090; Apr. 9.
- Turner, Charles A., assignor to Electric Controller Corporation, Chicago, Ill. Flow indicator. 2,001,168; May 14.
- Turner, Charles S., Detroit, Mich. Method of and apparatus for superheating. 2,000,906; May 14.
- Turner, Charles S., Detroit, Mich. Superheater assembly. 2,000,907; May 14.
- Turner, Charles S., Detroit, Mich. Fluid cooled superheater construction. 2,001,556; May 14.
- Turner, Charles S., assignor, by mesne assignments, to Diamond Power Specialty Corporation, Detroit, Mich. Boiler tube cleaning apparatus. 1,992,336; Feb. 26.
- Turner, Chester D., Manchester, N. H., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 1,996,890; Apr. 9.

- Turner, Chester D., Manchester, N. H., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,011,696; Aug. 20.
- Turner, Chester L., and F. C. Zuch, Irvington, N. J. Fence. 1,993,536; Mar. 5.
- Turner, Chester W. (See Turner, Harry C. and C. W.)
- Turner, Clara, et al., administrators. (See Dow, Herbert H.)
- Turner, Clinton T., Lakefield, Ontario, Canada. Toy balloon. 1,994,842; Mar. 19.
- Turner, Clinton T., Lakefield, Ontario, Canada. Luminous ball. 2,020,484; Nov. 12.
- Turner & Cook, Inc. (See Cook, Howard A., and S. T., assignors.)
- Turner, Dave, Des Moines, Iowa. Rail fastening means. 2,016,845; Oct. 8.
- Turner Dock Transfer Company, Inc. (See Clancy, Andrew J., assignor.)
- Turner, E. R. & F., Limited. (See Hall, T. W., and Leggett, assignors.)
- Turner, Edward A. (See Pool, M. W., and Turner.)
- Turner, Edward T., et al. (See Smiley, Lloyd D., assignor.)
- Turner, Edward T., Dayton, Ohio, assignor to The Permutit Company (1934), Wilmington, Del. Water treating apparatus. 2,003,762; June 4.
- Turner, Edwin A., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Fuel distributor. 1,997,441; Apr. 9.
- Turner, Edwin A., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Stoker mechanism. 2,015,503; Sept. 24.
- Turner, Edwin A., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive tender. 2,017,809; Oct. 15.
- Turner, Edwin A., Pittsburgh, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Stoker mechanism. 2,022,993; Dec. 3.
- Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Vacuum tube circuit. 1,991,430; Feb. 19.
- Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Distance and depth finding. 2,009,459; July 30.
- Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Measuring depths or distances. 2,009,460; July 30.
- Turner, Ernest A., Roanoke, Va. Mathematical instrument. 2,024,956; Dec. 17.
- Turner, George M., Claremont, assignor of one-half to C. R. Birdsey, Pasadena, Calif. Making formed gypsum products. 2,007,315; July 9.
- Turner, George T., Philadelphia, Pa. Canopy and supporting means therefor. 2,023,155; Dec. 3.
- Turner, Harlie E., Longview, assignor to T. F. Rothwell, Beaumont, Tex. Adjustable anchor for wells. 1,996,264; Apr. 2.
- Turner, Harold, Sheffield, assignor to Johnson Matthey & Company Limited, London, England. Silver solder. 2,001,639; May 14.
- Turner, Harold H., Chicago, Ill., assignor to International Harvester Company. Vaporizer. 2,012,525; Aug. 27.
- Turner, Harrison I., Moline, Ill., assignor to The Game-well Company, Newton Upper Falls, Mass. Electric circuit controlling mechanism. 1,989,723; Feb. 5.
- Turner, Harrison M., Kansas City, Mo. Tracklaying wheel. 1,987,314; Jan. 8.
- Turner, Harrison M., Kansas City, Mo. Truss. 2,007,487; July 9.
- Turner, Harry C. and C. W., Melrose, Mass. Vise. 1,989,068; Jan. 22.
- Turner, Henry E., Willows, Calif. Vehicle signal. 2,012,646; Aug. 27.
- Turner, Hughes C., New York, N. Y., and H. R. Stacks, Detroit, Mich., said Stacks assignor to said Turner. Display appurtenance to weighing mechanism. 2,001,372; May 14.
- Turner, Ivan, Richmond, England. Domestic water boiler. 2,011,205; Aug. 13.
- Turner, James F., and C. P. Breidenbaugh, assignors to Flynn & Emrich Company, Baltimore, Md. Stoker motor. 2,004,558; June 11.
- Turner, James F., and C. P. Breidenbaugh, assignors to Flynn & Emrich Company, Baltimore, Md. Fuel feeding mechanism. 2,024,839; Dec. 17.
- Turner, John C., Wapakoneta, Ohio. Toy vehicle. 2,006,423; July 2.
- Turner, John W., Houston, Tex. Motor. 2,012,839; Aug. 27.
- Turner, John W., Houston, and E. H. Bruchmiller, Kilgore, Tex. Boring machine. 2,020,812; Nov. 12.
- Turner, Louis J., Ottawa, Ontario, Canada. Power transmitting mechanism. 2,000,500; May 7.
- Turner, Maurice W. T., Glasgow, Scotland. Boiler and like safety valve. 2,013,369; Sept. 3.
- Turner & Newall Limited. (See Harrap, Eric R., assignor.)
- Turner, Ransom H., Little Neck, N. Y., and L. W. Willis, Stamford, Conn., assignors to Intertype Corporation, Brooklyn, N. Y. Illuminating means for matrix reference characters. 1,996,712; Apr. 2.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Method of and apparatus for finishing shuttle boxes and the like in looms. 1,991,069; Feb. 12.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electrical weft detector and shuttle therefor. 1,993,491; Mar. 5.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electric feeler mechanism for looms. 1,993,492; Mar. 5.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Clamping device for weft replenishing looms. 2,004,302; June 11.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Light actuated weft detector for looms. 2,026,146; Dec. 31.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Light actuated detector for shifting shuttle box looms. 2,026,147; Dec. 31.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft detector actuated by direct light. 2,026,148; Dec. 31.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Photo-electric weft detector for shifting shuttle boxes. 2,026,149; Dec. 31.
- Turner, Richard H., Beverly, Mass. Bow for stringed instruments. 2,003,161; May 28.
- Turner, Ross M. (See Brady, Thomas, assignor.)
- Turner Tanning Machinery Company, The. (See Ballard, Harrie A., assignor.)
- Turner Tanning Machinery Company, The. (See Brill, August C., assignor.)
- Turner Tanning Machinery Company, The. (See Brophy, John J., assignor.)
- Turner Tanning Machinery Company, The. (See Niessen, Paul, assignor.)
- Turner Tanning Machinery Company, The. (See Rausch, Karl, assignor.)
- Turner Tanning Machinery Company, The. (See Schettler, Gustav A., assignor.)
- Turner Tanning Machinery Company, The. (See Winkley, Erastus E., assignor.)
- Turney, Hugh W., U. S. Navy. Electrolyte level indicator. 2,014,402; Sept. 17.
- Turning, Anton, et al. (See Johanson, Emil G., assignor.)
- Turnquist, Carl E., San Gabriel, Calif. Sanitary washable fly swatter. 2,015,092; Sept. 24.
- Turnquist, Edward, Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Preparing sheet metal to be welded. 1,987,164; Jan. 8.
- Turnquist, Edward, Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Apparatus for preparing sheet metal to be welded. 1,991,642; Feb. 19.
- Turnstedt Manufacturing Company. (See Field, Herbert C., assignor.)
- Turocy, Stephen, North Olmstead, Ohio. Antishimmy and wear compensator. 2,023,797; Dec. 10.
- Turrettini, Fernand, Bellevue, assignor to Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Tool clamping, and ejecting device. 2,026,448; Dec. 31.
- Turski, Joseph F., Warsaw, Poland. 2,3-hydroxy-naphthoic acid arylamide. 2,022,579; Nov. 26.
- Turtle, Alfred C., Montreal, Quebec, Canada. System of electrical distributions. 2,023,626; Dec. 10.
- Turton, Harold J. (See Pocock, L. C., and Turton.)
- Turville, Albert E., Northampton, England. Apparatus for visual training. 2,019,550; Nov. 5.
- Tury, Paul. (See Millner, T., and Tury.)
- Tusher, Mary M., Mullan, Idaho. Doorstop. 2,019,803; Nov. 5.
- Tuskan, Nick. (See Milanovich, John, assignor.)
- Tuten, James M., Hopedale, assignor to Draper Corporation, Hopedale, Mass. Feeler-controlled filling replenishing mechanism. 2,009,864; July 30.
- Tuthill, Harry J., assignor of one-half to I. M. Morrison, Ferguson, Mo. Drawing. 2,013,796; Sept. 10.
- Tuttle & Bailey, Inc. (See Hart, S., and Carlson, assignors.)
- Tuttle, Clifton M., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic printing apparatus. 2,019,748; Nov. 5.
- Tuttle, Clifton M., and D. A. Young, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Photographic printing apparatus. 1,987,036; Jan. 8.
- Tuttle, Fordyce, assignor to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for duplicating goffered film. 1,997,325; Apr. 9.
- Tuttle, Fordyce, assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture apparatus. 2,008,973; July 23.
- Tuttle, Fred G. (See Harless, C. A., and Tuttle.)
- Tuttle, James N., Newton, assignor to Rust Proofing and Metal Finishing Corporation, Cambridge, Mass. Coating method and apparatus. 2,011,328; Aug. 13.
- Tuttle, John. (See Winning, C., and Tuttle.)
- Tuttle, John B. (See Winning, C., and Tuttle.)
- Tuttle, John C., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Mold and making same. 1,989,646; Jan. 29.
- Tuttle, William N. (See Karplus, E., and Tuttle.)
- Tuttle, William N., assignor to General Radio Company, Cambridge, Mass. Modulation meter and method. 2,012,291; Aug. 27.
- Tuttle, William R., and C. W. Stickel, assignors to The Kurlash Company, Inc., Rochester, N. Y. Eyelash curler. 2,022,697; Dec. 3.

- Tveit, Mitchel, Tacoma, Wash. Ore crushing machine. 2,016,793; Oct. 8.
- Twaddle, William F., assignor to Amoskeag Manufacturing Company, trustees, Manchester, N. H. Skein winding machine. 2,008,477; July 16.
- Twamley, William E., Charlestown, N. H., assignor to Jones & Lamson Machine Company, Springfield, Vt. Gear selecting and shifting mechanism. 1,997,841; Apr. 16.
- Tweed, Cyril J. F. (See Smith, S. B., and Tweed.)
- Tweedie, Charles, Jefferson City, Mo. Shoe and making same. 1,988,146; Jan. 15.
- Tweedie, Charles, Jefferson City, Mo. Nonslip heel patch construction for low shoes. 1,989,299; Jan. 29.
- Tweedie, Charles, trustee. (See Freeman, Charles F., assignor.)
- Twelt, Olav. (See Pratt, C. O., and Twelt.)
- Tweit, Olav, West Orange, N. J. Machine tool. 1,994,879; Mar. 19.
- Twemlow, Edwin. (See Whittle, R. W., and Twemlow.)
- Twente, Herbert H., Independence, Mo. Convertible wagon bed. 2,015,879; Oct. 1.
- Twik, John, South Ozone Park, N. Y. Truck. 2,004,022; June 4.
- Twin Coach Company. (See Fageol, William B., assignor.)
- Twin Coach Company. (See Fageol, William B. and F. R., assignors.)
- Twin Disc Clutch Company. (See Pearmain, William J., assignor.)
- Twiss, Douglas F. (See Murphy, E. A., and Twiss.)
- Twiss, Douglas F. (See Murphy, E. A., Niven, and Twiss.)
- Twiss, Douglas F. (See Murphy, E. A., Purkis, and Twiss.)
- Twiss, Douglas F., Wyde Green, England, assignor to American Anode Incorporated, Akron, Ohio. Method and form for manufacturing rubber goods from an aqueous dispersion of rubber. 1,996,051; Apr. 2.
- Twiss, Douglas F., Wyde Greene, Birmingham, and W. McCowan, Kings Heath, Birmingham, assignors to Dunlop Rubber Company, Limited, London, England. Making cellular rubber. 1,993,290; Mar. 5.
- Twiss, Douglas F., Wyde Green, A. E. T. Neale, Ward End, and J. A. Wilson, Erdington, England, assignors to Dunlop Tire & Rubber Corporation, Buffalo, N. Y. Cold vulcanization of rubber. 2,002,067; May 21.
- Twiss, Douglas F., Sutton Coldfield, and F. A. Jones, Birmingham, England, assignors to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Benzyl piperidine-1-carbothionolate and preparing the same. 2,003,703; June 4.
- Twiss, Douglas F., Wyde Green, F. A. Jones, Birmingham, and E. W. Allen, Knowle, England, assignors to Dunlop Rubber Company, Limited, Birmingham, England. Golf ball. 2,015,165; Sept. 24.
- Twiss, Douglas F., Wyde Green, Birmingham, and E. W. B. Owen, Walmley, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Composition of matter and producing same. 2,019,239; Oct. 29.
- Twiss, Frank B., Taunton, Mass. Curtain structure. 2,011,599; Aug. 20.
- Twitchell Process Company, The. (See Reddish, Warren T., assignor.)
- Twombly, Willard O., assignor to C T Electric Company, Jackson, Mich. Electric heater. 1,987,381; Jan. 8.
- Twomey, Lee S., Vista, Calif. Separating and purifying hydrogen. 2,022,165; Nov. 26.
- Twomey, Herbert E., Riverside, Calif., assignor to The Estate of G. D. and D. Parker and Citizens National Trust and Savings Bank of Riverside, administrators. Machine for making various sized crate heads. 1,994,798; Mar. 19.
- Twomey, Herbert E., Riverside, Calif., assignor to D. Parker and Citizens National Trust and Savings Bank of Riverside, administrators of G. D. Parker, deceased. Box framing machine. 2,004,355; June 11.
- Twose, Ernest V., Tiverton, England. Distributor for artificial manure, corn, seed, and the like. 2,025,184; Dec. 24.
- 2-Way Shock Absorber Company, Inc. (See Doty, Wade, assignor.)
- Two-Way Shock Absorber Company. (See Kettle, A. W., and Doty, assignors.)
- Twyman, B. Wickliffe, Indianapolis, Ind., assignor to Lavine Gear Company, Milwaukee, Wis. Steering gear. 2,012,028; Aug. 20.
- Twyman, B. Wickliffe, assignor to Lavine Gear Company, Milwaukee, Wis. Power steering. 2,021,706; Nov. 19.
- Tyce, George C. (See Fulton, S. M., and Tyce.)
- Tydemann, Clarence W., Englewood, Colo. Internal caliper gauge. 2,016,659; Oct. 8.
- Tyden, Emil, Hastings, Mich. Fire extinguishing apparatus. 1,996,633; Apr. 2.
- Tygart, Jeff D., Miami, Fla. Spraying apparatus. 2,013,370; Sept. 3.
- Tygart Valley Glass Company. (See Stewart, Edward C., assignor.)
- Tylac Company. (See Cruikshank, Phillip H., assignor.)
- Tyler, Bert E., Los Angeles, Calif. Oil well swab. 2,000,109; May 7.
- Tyler, Jerry, Niles, Mich. Ventilated tray. 2,021,530; Nov. 19.
- Tyler, Ralph S., Cleveland Heights, assignor to The Chandler and Price Company, Cleveland, Ohio. Paper cutting machine. 1,991,431; Feb. 19.
- Tyler, W. S., Company. (See Boehm, John, assignor.)
- Tyler, W. S., Company, The. (See Disbro, R. W., and Boehm, assignors.)
- Tyler, W. S., Company, The. (See Nickerson, Franklin P., assignor.)
- Tyler, W. S., Company, The. (See Reynolds, M. P., and Disbro, assignors.)
- Tyler, W. S., Company, The. (See Wettlaufer, William L., assignor.)
- Tyler, William J. (See Greenberg, S., and Tyler.)
- Tynan, Desmond P., Bellerose, N. Y., assignor, by mesne assignments, to Hiler Engineering & Construction Company, Inc. Incinerating furnace. 1,991,828; Feb. 19.
- Tyrell, William C., Hamilton, Ontario, Canada. Shoe. 2,019,587; Nov. 5.
- Tysoe, Meta M., Douglas, Ariz. Ironing board attachment. 2,013,483; Sept. 3.
- Tyson, David, Litherland, Liverpool, England. Thermo-static device. 2,023,940; Dec. 10.
- Tyson, Frank, Canton, Ohio. Roller bearing. 2,013,814; Sept. 10.
- Tyson, Miller S. (See Lothrop, M. T., and Tyson.)
- Tyson, Miller S., Canton, Ohio. Roller bearing. 2,016,526; Oct. 8.
- Tyson, Miller S., assignor to M. T. Lothrop, deceased, Canton, Ohio, M. F. Lothrop, executrix. Antifriction bearing unit. 2,015,206; Sept. 24.
- Tyson Roller Bearing Corporation. (See Roshong, Joseph M., assignor.)
- Tyson, Roller Bearing Corporation. (See Walters, David A., assignor.)
- U. D. Engineering Company Limited. (See Cracknell, Richard J., assignor.)
- U. P. M.-Kidder Press Co. (See Sheppard, Joel F., assignor.)
- U. P. M.-Kidder Press Co. (See Sheppard, J. F., Stevens, and Lindbom, assignors.)
- U S L Battery Corporation. (See Kyle, George L., assignor.)
- Ubbelohde, Leo, Karlsruhe, Germany. Treatment of felts for paper machines. 2,017,640; Oct. 15.
- Ubben, Richard T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Baking enamel. 1,998,744; Apr. 23.
- Ubelhart, George S., Lakewood, and J. E. McAllister, assignors to Vivian Beauty Shoppe, Inc., Cleveland, Ohio. Manicuring apparatus. 1,988,581; Jan. 22.
- Ubelhart, George S., Lakewood, and J. E. McAllister, assignors to Vivian Beauty Shoppe, Inc., Cleveland, Ohio. Hair pulling device. 2,025,006; Dec. 17.
- Ucko, Bernard, North Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Engine brake. 2,002,196; May 21.
- Uddenborg, Johan R., Fort Morgan, Colo. Thinning machine. 1,998,745; Apr. 23.
- Udell, Louis N. (See Barrett, A. M., and Udell.)
- Udkovich, Morris, assignor, by mesne assignments, of one-half to M. K. Zigank, Detroit, Mich. Hair thinning device. 2,008,631; July 16.
- Udy, Marvin J., Anniston, Ala., assignor to Swann Research, Incorporated. Simultaneously producing phosphoric acid and silicon alloys. 2,000,627; May 7.
- Udy, Marvin J., Anniston, Ala., assignor to Swann Research, Incorporated. Production of pure phosphoric acid. 2,020,976; Nov. 12.
- Udylite Process Company. (See Dubpernell, G., and Soderberg, assignors.)
- Udylite Process Company. (See Soderberg, Karl G., assignor.)
- Uebelhart, Donald N., Ellwood City, Pa., assignor to National Tube Company. Tube draw bench. 1,986,691; Jan. 1.
- Uehling, Fritz F., Passaic, N. J. Recording galvanometer. 2,022,097; Nov. 26.
- Ufer, Hanns. (See Schumann, C., Muench, and Ufer.)
- Uffen, John, Santa Paula, Calif. Toilet seat hinge. 2,004,023; June 4.
- Ufford, George W. (See Hetherington, W. G., and Ufford.)
- Uhde, Georg F., Dortmund, Germany, assignor to Shell Development Company, San Francisco, Calif. Converter. 2,017,517; Oct. 15.
- Uher, Edmond. (See von Vágó, P., and Uher.)
- Uher, Edmond, Augsburg, Germany, assignor to The Firm Uhertype A. G., Glarus, Switzerland. Photographic type composing. 1,986,693; Jan. 1.
- Uher, Edmond, and S. Fränkel, Augsburg, Germany, said Uher assignor to Externa S. A., Lausanne, Switzerland. Production of raised printing forms. 2,009,331; July 23.
- Uherek, Charles A. (See Borgerd, W. F., and Uherek.)
- Uhertype A. G. (See Uher, Edmond, assignor.)
- Uhertype Aktiengesellschaft. (See Wenzler, Lajos, assignor.)
- Uhl, Henry W., Dobbs Ferry, N. Y. Safety razor. 2,015,825; Oct. 1.
- Uhl, Robert L., Ontario, Calif., assignor to General Electric Company. Cooking apparatus. 2,009,792; July 30.
- Uhl, William, and G. W. Wolfe, assignors to The Todd Company, Inc., Rochester, N. Y. Type bar and holder therefor. 2,011,092; Aug. 13.
- Uhlig, George J., assignor to Victor Adding Machine Company, Chicago, Ill. Safety driving mechanism and current breaker therefor. 2,017,641; Oct. 15.
- Uhlis, George J., assignor to Victor Adding Machine Company, Chicago, Ill. Driving mechanism and automatic stop means therefor. 2,019,439; Oct. 29.

- Ublig, Johannes H. (See Sperlich, H. A., and Ublig.)
- Uhlmann, Fritz, assignor to Aktis Studiengesellschaft für Kohleforschung mit beschränkter Haftung, Berlin-Lichterfelde, Germany. Apparatus for the preparation of foodstuff. 1,992,515; Feb. 26.
- Uhlmann, Fritz, Berlin, Germany, assignor to Aktis Aktiengesellschaft, Schaffhausen, Switzerland. Cracking of heavy oils and apparatus therefor. 2,023,754; Dec. 10.
- Uhlmann, Henry B., and J. C. Myers, Philadelphia, Pa. Bell lining and shock absorber. 2,000,540; May 7.
- Uhri, William C., Jr., St. Louis, Mo. Washer gun. 2,007,029; July 2.
- Ulrich, Burns H., assignor to The Aitchison Revolving Door Co., Independence, Kans. Revolving door structure. 1,992,847; Feb. 26.
- Ukanavage, William J., assignor to The Georgetown Manufacturing Company, Georgetown, Ill. Caging indicator. 1,995,872; Mar. 26.
- Ukropina, Bozidar J., Los Angeles, Calif. Reinforced concrete pipe joint. 2,001,041; May 14.
- Ukropina, Bozidar J., Los Angeles, Calif. Concrete pipe construction. 2,001,042; May 14.
- Ukropina, Bozidar J., Los Angeles, Calif. Concrete pipe joint. 2,001,043; May 14.
- Ukropina, Bozidar J., Los Angeles, Calif. Concrete pipe joint. 2,024,488; Dec. 17.
- Ulfeng, Asbjörn E. (See Haugland, Erling, assignor.)
- Ulfers, Fritz, and R. Erbe, Eberswalde, assignors to Schering-Kahlbaum A.-G., Berlin, Germany. Production of terpenes. 1,996,558; Apr. 2.
- Uline, Migiel J., Washington, D. C. Venting air pockets of ice cans. 2,007,841; July 9.
- Uliniski, John S., Hamtramck, Mich. Motor. 1,995,554; Mar. 26.
- Ullery, Fred E. (See Fox, M. L., and Ullery.)
- Ullervoldsæter, Bjørn, Seberg, assignor to Peter Schou Ostbye, Lillevand, Voksenkollen, near Oslo, Norway. Ski. 1,993,636; Mar. 5.
- Ullman, Herbert G., Scarsdale, assignor to American Radiator Company, New York, N. Y. Heat exchange apparatus. 1,991,339; Feb. 12.
- Ullman, Joseph B., Washington, D. C. Memorial. Des. 95,094; Apr. 2.
- Ullman, Karl B., Jr., Northampton, Mass. Cutting device. 1,997,242; Apr. 9.
- Ullmann, Ralph W., River Forest, Ill., assignor to Revere Copper and Brass Incorporated, New York, N. Y. Apparatus forming and ornamenting tubing. 2,022,640; Dec. 26.
- Ulrich, Bruno, Hamburg, assignor to H. A. Steines, Gross-Flottbek, near Hamburg, Germany. Fireproof constructional material. 1,986,692; Jan. 1.
- Ulrich, Walter. (See Armistead, G., and Ulrich.)
- Ullstrand, Hugo M., Evansville, Ind., assignor to Electro-lux Servel Corporation, New York, N. Y. Refrigeration. 1,993,764; Mar. 12.
- Ullstrand, Hugo M., Evansville, Ind., assignor to Electro-lux Servel Corporation, New York, N. Y. Refrigeration. 1,994,080; Mar. 12.
- Ulm, Fred T., London Mills, Ill. Gate hanger. 1,986,948; Jan. 8.
- Ulmann, Bernard, Co. Inc. (See Bechhofer, Julius, assignor.)
- Ulmann, Hans. (See Russell, A. N., and Ulmann.)
- Ulmer, Donald L., Binghamton, N. Y. Adjustable dolly. 2,003,162; May 28.
- Ulmer, J. C., Company, The. (See Case, Francis M., assignor.)
- Ulmer, J. C., Company, The. (See Heller, Harold S., assignor.)
- Ulrey, Clayton T., East Orange, N. J., assignor to Westinghouse Lamp Company. X-ray tube and cathode therefor. 1,992,975; Mar. 5.
- Ulrich, Charles B., Jamestown, N. Y. Slime table. 2,017,740; Oct. 15.
- Ulrich, Emerv G., Cleveland, Ohio. Truck anchor. 2,020,386; Nov. 12.
- Ulrich, Hans C., Zurich, Switzerland. Device for reproducing signs and lettering. 2,013,772; Sept. 10.
- Ulrich, Heinrich, and K. Saurwein, Ludwigshafen-on-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Halogenated dyestuffs of the indo series. 1,997,160; Apr. 9.
- Ulrich, Heinrich, P. Koerdig, Ludwigshafen-on-Rhine, and O. Wahl, Leverkusen, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of aminoalkyl sulphonic acids. 1,999,432; Apr. 30.
- Ulrich, Heinrich, and J. Nuesslein, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Aliphatic polyamides and their preparation. 2,008,649; July 16.
- Ulrich, Heinrich, H. Dehnert, and F. A. Fries, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Separation of weak gaseous acids from gases. 2,011,386; Aug. 13.
- Ulrich, Horace W., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,006,424; July 2.
- Ulrich, Horace W., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,009,076; July 23.
- Ulrich, Rudolf H., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Making tires. 1,989,956; Feb. 5.
- Ulvang, Oscar L., Duluth, Minn. Piston expander. 1,988,707; Jan. 22.
- Umansky, Leonid A. (See Rhea, T. R., and Umansky.)
- Umansky, Leonid A., Schenectady, N. Y., assignor to General Electric Company. Motor control system. 2,021,757; Nov. 19.
- Una Welding, Inc. (See Austin, John B., assignor.)
- Una Welding, Inc. (See Howland, Owen L., assignor.)
- Uncas Manufacturing Company. (See Macdoci, Peter, assignor.)
- Underground Steam Construction Company. (See Keefe, E. T., and McGregor, assignors.)
- Underwood, Bert O., assignor to The Boardman Company, Oklahoma City, Okla. Cotton drying apparatus. 1,998,210; Apr. 16.
- Underwood, Carl M., Oak Park, and E. Pugh, Downers Grove, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for controlling the temperature of a fluid. 2,023,627; Dec. 10.
- Underwood, Cecil H., Oakland, Calif. Spurious coin detector for slot machines. 1,993,464; Mar. 5.
- Underwood, Cecil H., Oakland, Calif. Device for rejecting spurious coins. 1,993,465; Mar. 5.
- Underwood, Charles E., Bethlehem, Pa., assignor to Bethlehem Steel Company. Coke oven machine. 1,996,265; Apr. 2.
- Underwood, Charles E., Bethlehem, Pa., assignor to Bethlehem Steel Company. Ejector for saturators. 2,002,557; May 28.
- Underwood, Edgar, Gary, Ind. Thermally generating electricity. 2,015,610; Sept. 24.
- Underwood Elliott Company. (See Aken, Carl F., assignor.)
- Underwood Elliott Fisher Company. (See Anderson, Walter A., assignor.)
- Underwood Elliott Fischer Company. (See Boal, Walter H., assignor.)
- Underwood Elliott Fisher Company. (See Curtis, Edward W., Jr., assignor.)
- Underwood Elliott Fisher Company. (See Dobson, William A., assignor.)
- Underwood Elliott Fisher Company. (See Footorap, Harry A., assignor.)
- Underwood Elliott Fisher Company. (See Helmond, William F., assignor.)
- Underwood Elliott Fisher Company. (See Lippert, Walter E., assignor.)
- Underwood Elliott Fisher Company. (See Pitman, Henry L., assignor.)
- Underwood Elliot Fisher Company. (See Sagner, Walter T., assignor.)
- Underwood Elliott Fisher Company. (See Smith, Jesse A. B., assignor.)
- Underwood Elliott Fisher Company. (See Stickney, Burnham C., assignor.)
- Underwood Elliott Fisher Company. (See Sundstrand, Oscar J., assignor.)
- Underwood Elliott Fisher Company. (See Thieme, Otto, assignor.)
- Underwood, Garfield J. (See Shuttleworth, H. L., Underwood, and Howe.)
- Underwood, Howard C., New York, N. Y. Die for cutting collars or the like. 2,019,749; Nov. 5.
- Underwood, Robert C., assignor to New York Eskimo Pie Corporation, Brooklyn, N. Y. Machine for making frozen confections. 1,992,135; Feb. 19.
- Underwood, Weeden B. (See Jewell, R. L., and Underwood, William D., Valley Park, Mo. Oven. 1,987,087; Jan. 8.
- Uneon Limited. (See Soundy, Leonard H., assignor.)
- Unger, Eugene. (See Friedman, William H., assignor.)
- Unger, Ernst. (See Schopper, A., von Ehrenthal, and Unger.)
- Unger, Joseph I., and J. E. Mannen, Cleveland, Ohio. Receiving box. 1,997,707; Apr. 16.
- Unger, Max S., and C. W. Robertshaw, assignors to Robertshaw Thermostat Company, Youngwood, Pa. Snap acting valve. 1,988,026; Jan. 15.
- Unger, Paul O. (See Dawson, G. H., and Unger.)
- Unger, Paul O., Glen Ellyn, assignor to Wilson-Jones Company, Chicago, Ill. Removable shift binder. 1,986,161; Jan. 1.
- Unger, Paul O., Glen Ellyn, assignor to Wilson-Jones Company, Chicago, Ill. Variable capacity record binder. 1,990,965; Feb. 12.
- Unger, Paul O., Glen Ellyn, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 1,996,940; Apr. 9.
- Unger, Paul O., Glen Ellyn, assignor to Wilson-Jones Company, Chicago, Ill. Automatic pinle closing device for loose leaf binders. 2,018,333; Oct. 22.
- Unger, Paul O., Glen Ellyn, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,023,156; Dec. 3.
- Unger, Samuel L. (See Binger, Charles A., assignor.)
- Unger, Samuel L., New York, N. Y. Savings bank carton. 2,012,063; Aug. 20.
- Ungerer, Fritz. (See Hack, Karl, assignor.)
- "Unichem" Chemikalien Handels A.-G. (See Friesenhahn, Peter, assignor.)

- Unichem Chemikalien Handels A.-G. (See Hueter, Richard, assignor.)
 "Unichem" Chemikalien Handels A.-G. (See Pape, Louis F. W., assignor.)
 "Unichem" Chemikalien Handels A.-G. (See Schirm, Erik, assignor.)
 "Unichem" Chemikalien Handels A.-G. (See Schrauth, Walther, assignor.)
 "Unichem" Chemikalien Handels A.-G. (See Schrauth, W., and Böttler, assignors.)
 Uniclo Corporation. (See Schulse, Herman E., assignor.)
 Uniflow Manufacturing Company. (See Bashoum, Jacob C., assignor.)
 Union Bag & Paper Corporation. (See Avery, True M., assignor.)
 Union Bank of Chicago, as trustee. (See Cowles, Irving, assignor.)
 Union Carbide and Carbon Research Laboratories, Inc. (See Southgate, George T., assignor.)
 Union Carbide and Carbon Research Laboratories. (See Spencer, Gerald G., assignor.)
 Union Carbide and Carbon Research Laboratories, Inc. (See Spencer, Gerald G., assignor.)
 Union City Body Company. (See Adelsperger, Charles C., assignor.)
 Union Drawn Steel Company. (See Richardson, Harry H., assignor.)
 Union Guardian Trust Company, administrator. (See Flintermann, Carl H. L.)
 Union Hardware Company. (See Damon, Frank J., assignor.)
 Union Hardware Company. (See Hoerle, William F., assignor.)
 Union Iron Works. (See Bach, George W., assignor.)
 Union Iron Works. (See Smith, Mark E., assignor.)
 Union Machinery Company. (See Marasso, Fred, assignor.)
 Union Metal Products Company. (See Gilpin, Garth G., assignor.)
 Union Metal Products Company. (See Small, Arthur E., assignor.)
 Union Metal Products Company. (See Tangerman, William J., assignor.)
 Union National Bank of Pittsburgh, The. (See McCullough, Frederick S.)
 Union National Bank of Pittsburgh, The. (See McCullough, Frederick S., assignor.)
 Union Oil Company of California. (See Aldridge, Blair G., assignor.)
 Union Oil Company of California. (See Aldridge, B. G., and Hopper, assignors.)
 Union Oil Company of California. (See Aldridge, B. G., and Ragatz, assignors.)
 Union Oil Company of California. (See Bailey, James R., assignor.)
 Union Oil Company of California. (See Blanchard, Benjamin F., assignor.)
 Union Oil Company of California. (See Blount, Arthur L., assignor.)
 Union Oil Company of California. (See Bray, Ulric B., assignor.)
 Union Oil Company of California. (See Bray, U. B., and Beckwith, assignors.)
 Union Oil Company of California. (See Bray, U. B., and Swift, assignors.)
 Union Oil Company of California. (See Dillon, Lyle, assignor.)
 Union Oil Company of California. (See Dillon, L., and Phelps, assignors.)
 Union Oil Company of California. (See Flaxman, Marcus T., assignor.)
 Union Oil Company of California, The. (See Gard, Clare D., assignor.)
 Union Oil Company of California. (See Gard, Earle W., assignor.)
 Union Oil Company of California. (See Haylett, Robert E., assignor.)
 Union Oil Company of California. (See Hill, Frank F., assignor.)
 Union Oil Company of California. (See Kingman, Kenneth, assignor.)
 Union Oil Company of California. (See Mason, Landon R., assignor.)
 Union Oil Company of California. (See Merrill, David R., assignor.)
 Union Oil Company of California. (See Merrill, D. R., and Blount, assignors.)
 Union Oil Company of California. (See Merrill, D. R., and Subkow, assignors.)
 Union Oil Company of California. (See Ragatz, Edward G., assignor.)
 Union Oil Company of California. (See Swift, Claude E., assignor.)
 Union Paste Company. (See Kelley, Herbert W., assignor.)
 Union Products Company, The. (See Seng, Leroy E., assignor.)
 Union Salt Company, The. (See Venning, F. J., and Kendall, assignors.)
 Union Special Machine Company. (See Carmichael, H. McK., Johnson, and Hankins, assignors.)
 Union Special Machine Company. (See Christensen, Norman V., assignor.)
 Union Special Machine Company. (See Christensen, N. V., and Le Vesconte, assignors.)
 Union Special Machine Company. (See Cooper, Grover C., assignor.)
 Union Special Machine Company. (See Kucera, Frank A., assignor.)
 Union Special Machine Company. (See Le Roy, Walter E., assignor.)
 Union Special Machine Company. (See Le Vesconte, Harold J., assignor.)
 Union Special Machine Company. (See Mackay, Richard, Jr., assignor.)
 Union Special Machine Company. (See Rubel, Charles F., assignor.)
 Union Special Machine Company. (See Rubel, C. F., and Sauer, assignors.)
 Union Special Machine Company. (See Sauer, George, assignor.)
 Union Special Machine Company. (See Smith, Clarence C., assignor.)
 Union Special Machine Company. (See Suenders, Walton D., assignor.)
 Union Special Machine Company. (See Thompson, Charles S., assignor.)
 Union Special Maschinenfabrik, G. m. b. H. (See Lutz, Friedrich, assignor.)
 Union Specialty Company, The. (See French, Earl B., assignor.)
 Union Starch & Refining Company. (See King, Philo R., assignor.)
 Union Steel Chest Corporation. (See Yawman, Harvey H., assignor.)
 Union Steel Products Company. (See Hatch, Charles T., assignor.)
 Union Steel Products Company. (See O'Dell, Leon H., assignor.)
 Union Switch & Signal Company, The. (See Agnew, Norman F., assignor.)
 Union Switch & Signal Company, The. (See Allen, Earl M., assignor.)
 Union Switch & Signal Company, The. (See Allison, L. R., and Lindsay, assignors.)
 Union Switch & Signal Company, The. (See Baughman, George W., assignor.)
 Union Switch & Signal Company, The. (See Beall, Charles R., assignor.)
 Union Switch & Signal Company, The. (See Bell, Charles W., assignor.)
 Union Switch & Signal Company, The. (See Blosser, Herman G., assignor.)
 Union Switch & Signal Company, The. (See Blosser, H. G., and Failor, assignors.)
 Union Switch & Signal Company, The. (See Bone, Herbert L., assignor.)
 Union Switch & Signal Company, The. (See Bone, H. L., and Clausen, assignors.)
 Union Switch & Signal Company, The. (See Bone, H. L., and Logan, assignors.)
 Union Switch & Signal Company, The. (See Brooks, Charles A., assignor.)
 Union Switch & Signal Company, The. (See Butridge, James H., assignor.)
 Union Switch & Signal Company, The. (See Cobourn, Delbert F., assignor.)
 Union Switch & Signal Company, The. (See Crago, Paul H., assignor.)
 Union Switch & Signal Company, The. (See Cravath, Austin M., assignor.)
 Union Switch & Signal Company, The. (See Crooks, Ralph K., assignor.)
 Union Switch & Signal Company, The. (See Cubitt, R. H., and Williams, assignors.)
 Union Switch & Signal Company, The. (See Dalzell, Clarence W., assignor.)
 Union Switch & Signal Company, The. (See Failor, Charles W., assignor.)
 Union Switch & Signal Company, The. (See Gilson, Robert M., assignor.)
 Union Switch & Signal Company, The. (See Goodlin, C. L., and O'Meara, assignors.)
 Union Switch & Signal Company, The. (See Kemmerer, R. R., and Gilson, assignors.)
 Union Switch & Signal Company, The. (See Lazick, Branko, assignor.)
 Union Switch & Signal Company, The. (See Lewis, Lloyd V., assignor.)
 Union Switch & Signal Company, The. (See Livingston, John W., assignor.)
 Union Switch & Signal Company, The. (See Livingston, J. W., and Cameron, assignors.)
 Union Switch & Signal Company, The. (See Lucas, Samuel M., assignor.)
 Union Switch & Signal Company, The. (See Martin, Paul N., assignor.)
 Union Switch & Signal Company, The. (See McWhirter, William C., assignor.)
 Union Switch & Signal Company, The. (See McWhirter, W. C., and Little, assignors.)
 Union Switch & Signal Company, The. (See Miller, Alfred B., assignor.)
 Union Switch & Signal Company, The. (See Mishelevich, Benjamin, assignor.)
 Union Switch & Signal Company, The. (See Nicholson, Frank H., assignor.)
 Union Switch & Signal Company, The. (See O'Hagan, Bernard E., assignor.)

- Union Switch & Signal Company, The. (See Penrod, Melvin A., assignor.)
 Union Switch & Signal Company, The. (See Sorenson, Andrew J., assignor.)
 Union Switch & Signal Company, The. (See Sorensen, A. J., and Whitelock, assignors.)
 Union Switch & Signal Company, The. (See Sosinski, Paul P., assignor.)
 Union Switch & Signal Company, The. (See Spray, Lester E., assignor.)
 Union Switch & Signal Company, The. (See Stoker, Paul P., assignor.)
 Union Switch & Signal Company, The. (See Stout, Walter L., assignor.)
 Union Switch & Signal Company, The. (See Thompson, Howard A., assignor.)
 Union Switch & Signal Company, The. (See Vencill, Albert L., assignor.)
 Union Switch & Signal Company, The. (See Wallace, Herbert A., assignor.)
 Union Switch & Signal Company, The. (See Wells, W. B., and Funcke, assignors.)
 Union Switch & Signal Company, The. (See Whitelock, Leland D., assignor.)
 Union Switch & Signal Company, The. (See Witmer, Harold G., assignor.)
 Union Switch & Signal Company, The. (See Young, Henry S., assignor.)
 Union Trust Company of Providence, Executor. (See Goldenberg, Jonas, assignor.)
 Union Trust Company, The. (See Lincoln, John C., assignor.)
 Unipress Company, The. (See Reynolds, J. F., and Wilhelm, assignors.)
 United Aircraft Corporation. (See Sikorsky, Igor, assignor.)
 United Aircraft Corporation. (See Sikorsky, Igor I., assignor.)
 United Aircraft Corporation. (See Willgoos, A. V. D., and Hasbrouck, assignors.)
 United Aircraft Products, Incorporated. (See Dykeman, Reuben G., assignor.)
 United American Bosch Corporation. (See Beeh, Louis, assignor.)
 United American Bosch Corporation. (See Beeh, L., and Martin, assignors.)
 United American Bosch Corporation. (See Cotter, W. F., and Bond, assignors.)
 United American Bosch Corporation. (See Curtis, Leslie F., assignor.)
 United American Bosch Corporation. (See Curtis, L. F., and Henderson, assignors.)
 United American Bosch Corporation. (See Kongsted, Ludvig P., assignor.)
 United American Bosch Corporation. (See Long, Herbert J., assignor.)
 United American Bosch Corporation. (See Martin, J. F., and Kongsted, assignors.)
 United American Bosch Corporation. (See Mayer, Carl A., assignor.)
 United American Bosch Corporation. (See Murray, Arthur T., assignor.)
 United American Bosch Corporation. (See Parsons, Ben G., assignor.)
 United American Bosch Corporation. (See Raskhodoff, Nicholas, assignor.)
 United American Bosch Corporation. (See Schwarzmann, Wolfgang E., assignor.)
 United American Bosch Corporation. (See Waker, Hermann, assignor.)
 United American Bosch Corporation. (See Wild, J. E., Hogeman, and Schwarzmann, assignors.)
 United Autographic Register Co. (See Barker, Walter R., assignor.)
 United Autographic Register Co. (See Euth, John E., assignor.)
 United Autographic Register Co. (See Jensen, Louis, assignor.)
 United Autographic Register Co. (See Tobey, Harry C., assignor.)
 United Autographic Register Co. (See Winter, Charles, assignor.)
 United Autographic Register Co. (See Winter, Charles L., assignor.)
 United-Carr Fastener Corporation. (See Anderson, Warren C., assignor.)
 United-Carr Fastener Corporation. (See Carr, Moses F., assignor.)
 United-Carr Fastener Corporation. (See Chaffee, Raymond O., assignor.)
 United-Carr Fastener Corporation. (See Dill, Norman A., assignor.)
 United-Carr Fastener Corporation. (See Hall, Charles L., assignor.)
 United-Carr Fastener Corporation. (See Hayden, Lester N., assignor.)
 United-Carr Fastener Corporation. (See Johnsen, Henrik S., assignor.)
 United-Carr Fastener Corporation. (See Johnson, Gustav, assignor.)
 United-Carr Fastener Corporation. (See Jones, Walter I., assignor.)
 United-Carr Fastener Corporation. (See Knutson, Carl L., assignor.)
 United-Carr Fastener Corporation et al. (See Legat, Robert C., assignor.)
 United-Carr Fastener Corporation. (See Schoenfeld, Jacob, assignor.)
 United-Carr Fastener Corporation. (See Towner, Clifford, assignor.)
 United-Carr Fastener Corporation. (See Walters, Rollo F., assignor.)
 United Chemical & Organic Products Company. (See Bowman, J., and Harnack, assignors.)
 United Elastic Corporation. (See Forkey, Herbert E., assignor.)
 United Elastic Corporation. (See Shaw, Kenneth R., assignor.)
 United Elastic Corporation. (See Van Voorhis, George S., assignor.)
 United Engineering & Foundry Company. (See Biggert, Florence C., Jr., assignor.)
 United Engineering & Foundry Company. (See Biggert, F. C., Jr., and Mueller, assignors.)
 United Engineering & Foundry Company. (See Biggert, John, assignor.)
 United Engineering & Foundry Company. (See Flaherty, John T., assignor.)
 United Engineering & Foundry Company. (See Gardner, K. C., and Biggert, Jr., assignors.)
 United Engineering & Foundry Company. (See Gardner, K. C., Buente, and Beard, assignors.)
 United Engineering & Foundry Company. (See Hahn, Johann, assignor.)
 United Engineering & Foundry Company. (See Smitmans, John A., assignor.)
 United Engineering & Foundry Company. (See Talbot, Howard H., assignor.)
 United Engineering & Foundry Company. (See Talbot, H. H., and McDowell, assignors.)
 United Engineering & Foundry Company. (See Van Campen, Jonah H., assignor.)
 United Engineers & Constructors Inc. (See Chewning, Walter L., assignor.)
 United Engineers and Constructors, Inc. (See Haug, John S., assignor.)
 United Engineers & Constructors Inc. (See Glasgow, Arthur G., assignor.)
 United Furnace Engineering Company. (See Carruthers, Eben H., assignor.)
 United Gas Improvement Company, The. (See Fulweiler, Walter H., assignor.)
 United Gas Improvement Company, The. (See Fulweiler, W. H., and Jordan, assignors.)
 United Gas Improvement Company, The. (See Hall, Edwin L., assignor.)
 United Gas Improvement Company, The. (See Hall, E. L., and Brady, assignors.)
 United Gas Improvement Company, The. (See Janeway, Price W., Jr., assignor.)
 United Gas Improvement Company, The. (See Perry, Joseph A., assignor.)
 United Gas Improvement Company, The. (See Perry, J. A., and Hall, assignors.)
 United Gas Improvement Company, The. (See Wahl, Charles B., assignor.)
 United Gas Industries Limited. (See Blanchford, Ronald F., assignor.)
 United Glass Bottle Manufacturers Limited, The. (See Harrison, Frederick A., assignor.)
 United Iron Works. (See Aisenstein, Michael D., assignor.)
 United Iron Works Company. (See Holzer, Hiram A., assignor.)
 United Kingdom Optical Company. (See Culver, Edward, assignor.)
 United Kingdom Optical Company. (See Emerson, Alfred H., assignor.)
 United Last Company. (See Thomas, George C., assignor.)
 United Mattress Machinery Company. (See Mathewson, Wilfred B., assignor.)
 United Merchants & Manufacturers, Inc. (See Jarvis, Adolphus, assignor.)
 United Metal Box Co., Inc. (See Hammer, Samuel, assignor.)
 United Reed and Harness Company. (See Sedlatschek, Richard, assignor.)
 United Research Corporation. (See Carpenter, Arthur W., assignor.)
 United Research Corporation. (See Carpenter, A. W., and Ricker, assignors.)
 United Research Corporation. (See Carter, E. F., and Schwartz, assignors.)
 United Research Corporation. (See Law, Duff C., assignor.)
 United Research Corporation. (See Miller, James A., assignor.)
 United Research Corporation. (See Mueller, William A., assignor.)
 United Research Corporation. (See Nystrom, Martin, assignor.)
 United Research Corporation. (See Tasker, Homer G., assignor.)
 United Research Corporation. (See Wardrop, Grover O., assignor.)
 United Screw and Bolt Corporation. (See Thatcher, E. A., and Fieg, assignors.)
 United Shoe Machinery Corporation. (See Ashworth, Fred, assignor.)

- United Shoe Machinery Corporation. (See Balcom, Charles H., assignor.)
- United Shoe Machinery Corporation. (See Ballard, M. H., and McLean, assignors.)
- United Shoe Machinery Corporation. (See Ballard, M. H., Bessom, and Knowlton, assignors.)
- United Shoe Machinery Corporation. (See Ballard, Milton H., assignor.)
- United Shoe Machinery Corporation. (See Barclay, W. R., James, and Bacon, assignors.)
- United Shoe Machinery Corporation. (See Barclay, William R., assignor.)
- United Shoe Machinery Corporation. (See Bates, Arthur, assignor.)
- United Shoe Machinery Corporation. (See Bates, A., and Brown, assignors.)
- United Shoe Machinery Corporation. (See Bates, A., and Choice, assignors.)
- United Shoe Machinery Corporation. (See Baxter, William C., assignor.)
- United Shoe Machinery Corporation. (See Bazzoni, Lewis J., assignor.)
- United Shoe Machinery Corporation. (See Bergen, Martin J., assignor.)
- United Shoe Machinery Corporation. (See Berry, William A., assignor.)
- United Shoe Machinery Corporation. (See Bertrand, Frederic E., assignor.)
- United Shoe Machinery Corporation. (See Bessom, Earl A., assignor.)
- United Shoe Machinery Corporation. (See Better, Francis J., assignor.)
- United Shoe Machinery Corporation. (See Bishop, Leslie N., assignor.)
- United Shoe Machinery Corporation. (See Bliss, Malcolm G., assignor.)
- United Shoe Machinery Corporation. (See Booth, Irving E., assignor.)
- United Shoe Machinery Corporation. (See Bradbury, Albert W., assignor.)
- United Shoe Machinery Corporation. (See Bradbury, A. W., and Hood, assignors.)
- United Shoe Machinery Corporation. (See Brogan, James A., assignor.)
- United Shoe Machinery Corporation. (See Brogan, Michael F., assignor.)
- United Shoe Machinery Corporation. (See Brostrom, Charles G., assignor.)
- United Shoe Machinery Corporation. (See Buckminster, Ira C., assignor.)
- United Shoe Machinery Corporation. (See Bunker, Darius W., assignor.)
- United Shoe Machinery Corporation. (See Cavanagh, James, assignor.)
- United Shoe Machinery Corporation. (See Chartrand, Joseph E., assignor.)
- United Shoe Machinery Corporation. (See Choice, Frank C., assignor.)
- United Shoe Machinery Corporation. (See Choice, F. C., and Lineham, assignors.)
- United Shoe Machinery Corporation. (See Coffey, John B., assignor.)
- United Shoe Machinery Corporation. (See Condon, George V., assignor.)
- United Shoe Machinery Corporation. (See Cross, Garrett P. S., assignor.)
- United Shoe Machinery Corporation. (See Cummings, Roy W., assignor.)
- United Shoe Machinery Corporation. (See DeHart, William E., assignor.)
- United Shoe Machinery Corporation. (See Delano, Walter E., assignor.)
- United Shoe Machinery Corporation. (See Devine, William P., assignor.)
- United Shoe Machinery Corporation. (See Doulette, H. T., and Hooper, assignors.)
- United Shoe Machinery Corporation. (See Doyle, Thomas J., assignor.)
- United Shoe Machinery Corporation. (See Duplessis, René E., assignor.)
- United Shoe Machinery Corporation. (See Eastman, Fred C., assignor.)
- United Shoe Machinery Corporation. (See Elliot, H. D., and Rowan, assignors.)
- United Shoe Machinery Corporation. (See Elliott, H. E., and Choice, assignors.)
- United Shoe Machinery Corporation. (See Engel, Karl, assignor.)
- United Shoe Machinery Corporation. (See Eppler, Andrew, assignor.)
- United Shoe Machinery Corporation. (See Finn, Sidney T., assignor.)
- United Shoe Machinery Corporation. (See Finn, Sidney W., assignor.)
- United Shoe Machinery Corporation. (See Fossa, Joseph, assignor.)
- United Shoe Machinery Corporation. (See Foster, F. L., and Colby, assignors.)
- United Shoe Machinery Corporation. (See French, John W., assignor.)
- United Shoe Machinery Corporation. (See Gentile, Frank T., assignor.)
- United Shoe Machinery Corporation. (See Glass, Perley R., assignor.)
- United Shoe Machinery Corporation. (See Glidden, Harvey L., assignor.)
- United Shoe Machinery Corporation. (See Goddu, George, assignor.)
- United Shoe Machinery Corporation. (See Gorman, Henry B., assignor.)
- United Shoe Machinery Corporation. (See Gouldbourn, J., and Barclay, assignors.)
- United Shoe Machinery Corporation. (See Gouldbourn, J., and Kestell, assignors.)
- United Shoe Machinery Corporation. (See Gouldbourn, J., and Ricks, assignors.)
- United Shoe Machinery Corporation. (See Greenough, Henry B., assignor.)
- United Shoe Machinery Corporation. (See Guehne, Rudolph R., assignor.)
- United Shoe Machinery Corporation. (See Hadaway, John B., assignor.)
- United Shoe Machinery Corporation. (See Hallam, Harry, assignor.)
- United Shoe Machinery Corporation. (See Hamann, William, assignor.)
- United Shoe Machinery Corporation. (See Hardenbrook, Charles E., Jr., assignor.)
- United Shoe Machinery Corporation. (See Hart, G. T., Jr., and Winkley, assignors.)
- United Shoe Machinery Corporation. (See Hazelton, G., James, and Bacon, assignors.)
- United Shoe Machinery Corporation. (See Hazelton, George, assignor.)
- United Shoe Machinery Corporation. (See Hildebrand, James L., assignor.)
- United Shoe Machinery Corporation. (See Holmgren, Eric A., assignor.)
- United Shoe Machinery Corporation. (See Hood, Charles E., assignor.)
- United Shoe Machinery Corporation. (See Hooper, Fred E., assignor.)
- United Shoe Machinery Corporation. (See Hopkins, Raymond E., assignor.)
- United Shoe Machinery Corporation. (See Hoppe, Otto F., assignor.)
- United Shoe Machinery Corporation. (See Hyde, Frank P., assignor.)
- United Shoe Machinery Corporation. (See Johnson, Arthur S., assignor.)
- United Shoe Machinery Corporation. (See Johnson, Charles E., assignor.)
- United Shoe Machinery Corporation. (See Johnson, John A., assignor.)
- United Shoe Machinery Corporation. (See Johnson, Joseph W., assignor.)
- United Shoe Machinery Corporation. (See Jones, John L., assignor.)
- United Shoe Machinery Corporation. (See Jorgensen, Bernhardt, assignor.)
- United Shoe Machinery Corporation. (See Jorgensen, Jacob C., assignor.)
- United Shoe Machinery Corporation. (See Keall, F. B., and Mawbey, assignors.)
- United Shoe Machinery Corporation. (See Keall, Frank B., assignor.)
- United Shoe Machinery Corporation. (See Kick, August, assignor.)
- United Shoe Machinery Corporation. (See Knight, Ralph F., assignor.)
- United Shoe Machinery Corporation. (See Knowlton, Norwood H., assignor.)
- United Shoe Machinery Corporation. (See La Chapelle, Fred N., assignor.)
- United Shoe Machinery Corporation. (See Lamb, George W., assignor.)
- United Shoe Machinery Corporation. (See Lancaster, John T., assignor.)
- United Shoe Machinery Corporation. (See Lane, H., and Gibson, assignors.)
- United Shoe Machinery Corporation. (See Lane, H., and Dyson, assignors.)
- United Shoe Machinery Corporation. (See Lawson, Axel A., assignor.)
- United Shoe Machinery Corporation. (See Lawson, Robert H., assignor.)
- United Shoe Machinery Corporation. (See Le Rette, William P., assignor.)
- United Shoe Machinery Corporation. (See Lisbon, Joseph C. Sr., assignor.)
- United Shoe Machinery Corporation. (See Lovejoy, Fred C., assignor.)
- United Shoe Machinery Corporation. (See Lund, Thomas, assignor.)
- United Shoe Machinery Corporation. (See Lyon, Harry, assignor.)
- United Shoe Machinery Corporation. (See MacDonald, Clifford K., assignor.)
- United Shoe Machinery Corporation. (See MacKenzie, F. L., and Blanchard, assignors.)
- United Shoe Machinery Corporation. (See MacKenzie, Fred L., assignor.)
- United Shoe Machinery Corporation. (See MacKenzie, Wilbur L., assignor.)
- United Shoe Machinery Corporation. (See Mellerio, Lucien P., assignor.)
- United Shoe Machinery Corporation. (See Merritt, Frank R., assignor.)

- United Shoe Machinery Corporation. (See Miner, George A., assignor.)
- United Shoe Machinery Corporation. (See Mirandette, Stephen, assignor.)
- United Shoe Machinery Corporation. (See Morrill, Alfred R., assignor.)
- United Shoe Machinery Corporation. (See Murphy, Everett E., assignor.)
- United Shoe Machinery Corporation. (See Nutt, William H., assignor.)
- United Shoe Machinery Corporation. (See Pope, Elmer R., assignor.)
- United Shoe Machinery Corporation. (See Pratt, William R., assignor.)
- United Shoe Machinery Corporation. (See Pym, A. F., and Scarlett, assignors.)
- United Shoe Machinery Corporation. (See Pym, Arthur F., assignor.)
- United Shoe Machinery Corporation. (See Pym, Charles F., assignor.)
- United Shoe Machinery Corporation. (See Randall, Martin H., assignor.)
- United Shoe Machinery Corporation. (See Ray, Eugene J., assignor.)
- United Shoe Machinery Corporation. (See Reed, William A., assignor.)
- United Shoe Machinery Corporation. (See Reid, R. G., and Brown, assignors.)
- United Shoe Machinery Corporation. (See Ricks, Fred, assignor.)
- United Shoe Machinery Corporation. (See Ricks, F., and Elliott, assignors.)
- United Shoe Machinery Corporation. (See Ricks, F., Elliott, and Choice, assignors.)
- United Shoe Machinery Corporation. (See Ricks, F., and Hope, assignors.)
- United Shoe Machinery Corporation. (See Ricks, F., and Jones, assignors.)
- United Shoe Machinery Corporation. (See Roberts, Clifford, assignor.)
- United Shoe Machinery Corporation. (See Roberts, William T. B., assignor.)
- United Shoe Machinery Corporation. (See Rowen, Thomas C., assignor.)
- United Shoe Machinery Corporation. (See Ryan, George F., assignor.)
- United Shoe Machinery Corporation. (See Sandberg, Robert N., assignor.)
- United Shoe Machinery Corporation. (See Sawyer, Harold L., assignor.)
- United Shoe Machinery Corporation. (See Schmidt, Eckard F., assignor.)
- United Shoe Machinery Corporation. (See Schoenky, August R., assignor.)
- United Shoe Machinery Corporation. (See Seely, T. H., and Ballard, assignors.)
- United Shoe Machinery Corporation. (See Servonnat, Louis, assignor.)
- United Shoe Machinery Corporation. (See Shambow, John C., assignor.)
- United Shoe Machinery Corporation. (See Sheffield, C. C., and Clarke, assignors.)
- United Shoe Machinery Corporation. (See Sherman, Fred S., assignor.)
- United Shoe Machinery Corporation. (See Simmons, Ralph C., assignor.)
- United Shoe Machinery Corporation. (See Smith, Archibald C., assignor.)
- United Shoe Machinery Corporation. (See Smith, Homer F., assignor.)
- United Shoe Machinery Corporation. (See Smith, John H., assignor.)
- United Shoe Machinery Corporation. (See Smith, John K., assignor.)
- United Shoe Machinery Corporation. (See Smith, Orin L., assignor.)
- United Shoe Machinery Corporation. (See Smith, W. J., and O'Key, assignors.)
- United Shoe Machinery Corporation. (See Stacey, Ernest W., assignor.)
- United Shoe Machinery Corporation. (See Tetlow, Max J., assignor.)
- United Shoe Machinery Corporation. (See Tetlow, Max W., assignor.)
- United Shoe Machinery Corporation. (See Thomas, William D., assignor.)
- United Shoe Machinery Corporation. (See Thum, Walter A., assignor.)
- United Shoe Machinery Corporation. (See Topham, Laurence E., assignor.)
- United Shoe Machinery Corporation. (See Turner, Chester D., assignor.)
- United Shoe Machinery Corporation. (See Weber, Lewis F., assignor.)
- United Shoe Machinery Corporation. (See Wernmark, Carl G., assignor.)
- United Shoe Machinery Corporation. (See Whelton, John M., assignor.)
- United Shoe Machinery Corporation. (See Whitaker, Carl F., assignor.)
- United Shoe Machinery Corporation. (See Wilson, Walter L., assignor.)
- United Shoe Machinery Corporation. (See Winkley, Erastus E., assignor.)
- United Shoe Machinery Corporation. (See Winkley, E. L., and Hart, assignors.)
- United Shoe Machinery Corporation. (See Woodcock, R. B., and Boothroyd, assignors.)
- United States, as represented by the Secretary of Commerce, Government of. (See Dunmore, Francis W., assignor.)
- United States Appliance Corporation. (See Davis, William H. H., assignor.)
- United States Appliance Corporation. (See Moseley, Tomlinson I., assignor.)
- U. S. Bobbin & Shuttle Company. (See Jackson, William S., assignor.)
- U. S. Brush Company of Omaha. (See Nagl, Carl J., assignor.)
- United States Cabinet Bed Co. (See Martin, Joseph, assignor.)
- United States Electrical Manufacturing Company. (See Heyer, Don, assignor.)
- U. S. Electrical Manufacturing Company. (See Myers, Thomas G., assignor.)
- U. S. Electrical Manufacturing Company. (See Pfefer, George T., assignor.)
- United States Electrical Manufacturing Company. (See Pfefer, George T., assignor.)
- United States Electrical Tool Company, The. (See Smith, John A., assignor.)
- United States Envelope Company. (See Becker, Peter, assignor.)
- United States Envelope Company. (See Cather, C. E., and Gordon, assignors.)
- United States Envelope Company. (See Heywood, Vincent E., assignor.)
- United States Envelope Company. (See Heywood, V. E., and Anderson, assignors.)
- United States Envelope Company. (See Novick, Abraham, assignor.)
- United States Envelope Company. (See Shea, James, J., assignor.)
- United States Envelope Company. (See Stiles, Donald C., assignor.)
- United States Envelope Company. (See Swift, Willard E., assignor.)
- United States Envelope Company. (See Swift, Willard E., Jr., assignor.)
- United States Envelope Company. (See Swift, W. E., and Swallow, assignors.)
- United States Euboeolith Company. (See Boettcher, Henry, assignor.)
- United States Foil Company. (See Watts, Warren S., assignor.)
- U. S. Galvanizing & Plating Equipment Corporation. (See Potthoff, Kurt T., assignor.)
- United States Gauge Company. (See Hartley, H. J., and Aschenbach, assignors.)
- United States Gauge Company. (See Klein, Maximilian, assignor.)
- United States Gauge Company. (See Place, J. W., Aschenbach, and Hartley, assignors.)
- United States Gauge Company. (See Place, Josiah W., assignor.)
- United States, Government of the. (See Conn, Wallace T., assignor.)
- United States, Government of the. (See Young, Frank L., assignor.)
- United States Gypsum Company. (See Absmeier, Carl, assignor.)
- United States Gypsum Company. (See Balduf, Bruno E., assignor.)
- United States Gypsum Company. (See Birdsey, Charles R., assignor.)
- United States Gypsum Company. (See Bockman, Theodore, assignor.)
- United States Gypsum Company. (See Darrah, William A., assignor.)
- United States Gypsum Company. (See Gibson, O. E., and Strom, assignors.)
- United States Gypsum Company. (See Gustafson, Joseph G., assignor.)
- United States Gypsum Company. (See Hann, George L., assignor.)
- United States Gypsum Company. (See Heeren, A. A., and Gibson, assignors.)
- United States Gypsum Company. (See Heeren, A. A., and Johnson, assignors.)
- United States Gypsum Company. (See Humphrey, Don B., assignor.)
- United States Gypsum Company. (See Hussman, Carl, assignor.)
- United States Gypsum Company. (See Ives, Clifford E., assignor.)
- United States Gypsum Company. (See King, George D., assignor.)
- United States Gypsum Company. (See Kuehne, William, assignor.)
- United States Gypsum Company. (See Linzell, H. K., and Reel, assignors.)
- United States Gypsum Company. (See Manske, Fred A., assignor.)
- United States Gypsum Company. (See Manske, F. A., and Gibson, assignors.)
- United States Gypsum Company. (See McCorkle, James B., assignor.)
- United States Gypsum Company. (See McNeill, William M., assignor.)

- United States Gypsum Company. (See McNeil, W. M., Ross, and Manske, assignors.)
 United States Gypsum Company. (See Nold, J. H., and Stubbs, assignors.)
 United States Gypsum Company. (See Paley, Lewis A., assignor.)
 United States Gypsum Company. (See Parsons, Joseph R., assignor.)
 United States Gypsum Company. (See Roos, Carlisle K., assignor.)
 United States Gypsum Company. (See Rose, Frank G., assignor.)
 United States Gypsum Company. (See Ross, I. G., and Ballard, assignors.)
 United States Gypsum Company. (See Ross, I. G., and McNeil, assignors.)
 United States Gypsum Company. (See Scholz, H. A., and Haydon, assignors.)
 United States Gypsum Company. (See Strom, C. S., and Offutt, assignors.)
 United States Gypsum Company. (See Stubbs, Frank L., assignor.)
 United States Gypsum Company. (See Townley, William, assignor.)
 United States Gypsum Company. (See Vass, Michael G., assignor.)
 United States Hoffman Machinery Corporation. (See Lameasure, Joses T., assignor.)
 United States Hoffman Machinery Corporation. (See Sutton, Harry G., assignor.)
 United States Holding Corporation. (See Billon, M. M. M., and Boname, assignors.)
 United States Holding Corporation. (See Boname, G., and Munerelle, assignors.)
 U. S. Industrial Alcohol Co. (See Burghart, Lloyd M., assignor.)
 U. S. Industrial Alcohol Co. (See Gillette, Leslie S., assignor.)
 U. S. Industrial Alcohol Co. (See Sherman, J. M., and Erb, assignors.)
 U. S. Industrial Alcohol Co. (See Wysocki, J., and Rich, assignors.)
 United States Lace Curtain Mills. (See Goodley, Charles, assignor.)
 U. S. Manufacturing Corporation. (See Bennett, John L., assignor.)
 U. S. Manufacturing Corporation. (See Bennett, J. L., and Platt, assignors.)
 U. S. Manufacturing Corporation. (See Platt, Stephen A., assignor.)
 United States Metallic Packing Company, The. (See Light, R. A., and Price.)
 United States Metallic Packing Company, The. (See Light, R. A., and Price, Jr., assignors.)
 United States of America, dedicated to the free use of the public of the. (See Leatherman, Martin, assignor.)
 United States of America, Secretary of Agriculture. (See Groggins, Philip H., assignor.)
 United States Ordnance Company. (See Smith, George L., assignor.)
 United States Ordnance Engineers, Inc. (See Goss, Byron C., assignor.)
 United States Paper Mills, Inc. (See Winter, C. P., and Rosenthal, assignors.)
 U. S. Phosphoric Products Corporation. (See Moore, George F., assignor.)
 United States Pipe and Foundry Company. (See Arnold, Paul L., assignor.)
 United States Pipe and Foundry Company. (See Langenberg, F. C., and Hunt, assignors.)
 United States Pipe and Foundry Company. (See Stuart, H. W., Hunt, and Arnold, assignors.)
 United States Platers Supply Company, The. (See Hillix, Foster F., assignor.)
 U. S. Postal Meter Corporation. (See Mack, Luther L., assignor.)
 U. S. Pressed Steel Company. (See Jerome, Horace M., assignor.)
 United States Printing and Lithograph Company, The. (See Taylor, Arthur K., assignor.)
 United States Printing & Lithograph Co., The. (See Koeble, Albert H., assignor.)
 United States Printing and Lithograph Co. (See Welkel, Henry C., Jr., assignor.)
 United States Process Corporation. (See Heuser, Herman, assignor.)
 United States Radiator Corporation. (See McIntire, James F., assignor.)
 U. S. Ring Traveler Company. (See Bowen, Amos M., assignor.)
 U. S. Ring Traveler Company. (See Gilligan, George H., assignor.)
 United States Rubber Company. (See Abbott, A. O., Jr., and Sloman, assignors.)
 United States Rubber Company. (See Adamson, Percy, assignor.)
 United States Rubber Company. (See Barnard, Arthur E., assignor.)
 United States Rubber Company. (See Cadwell, Sidney M., assignor.)
 United States Rubber Company. (See Chittenden, Fayette D., assignor.)
 United States Rubber Company. (See Cobb, Henry Z., assignor.)
 United States Rubber Company. (See Cobb, H. Z., and Francis, assignors.)
 United States Rubber Company. (See Coleman, Clyde, assignor.)
 United States Rubber Company. (See Curtiss, Nathaniel H., assignor.)
 United States Rubber Company. (See Eger, Ernst, assignor.)
 United States Rubber Company. (See Erickson, Edward B., assignor.)
 United States Rubber Company. (See Ewart, E. S., and Bull, assignors.)
 United States Rubber Company. (See Foster, Boutwell H., assignor.)
 United States Rubber Company. (See Gammeter, John R., assignor.)
 United States Rubber Company. (See Gibbons, Willis A., assignor.)
 United States Rubber Company. (See Gibbons, W. A., and Smith, assignors.)
 United States Rubber Company. (See Hanford, W. B., and Erickson, assignors.)
 United States Rubber Company. (See Hazell, Eardley, assignor.)
 United States Rubber Company. (See Holm, Benjamin, assignor.)
 United States Rubber Company. (See Holmberg, Albert W., assignor.)
 United States Rubber Company. (See Hopkinson, Ernest, assignor.)
 United States Rubber Company. (See Howland, Louis H., assignor.)
 United States Rubber Company. (See Hurt, Victor H., assignor.)
 United States Rubber Company. (See Hutchman, James E., assignor.)
 United States Rubber Company. (See Keen, Alexis W., assignor.)
 United States Rubber Company. (See Leaper, Percy J., assignor.)
 United States Rubber Company. (See Linscott, Chester E., assignor.)
 United States Rubber Company. (See Madge, Norman G., assignor.)
 United States Rubber Company. (See Manville, Charles T., assignor.)
 United States Rubber Company. (See McGavack, John, assignor.)
 United States Rubber Company. (See McGavack, J., and Tefft, assignors.)
 United States Rubber Company. (See Mead, Frederic S., assignor.)
 United States Rubber Company. (See Messer, William E., assignor.)
 United States Rubber Company. (See Meuser, L., and Leaper, assignors.)
 United States Rubber Company. (See Peaker, C. R., and Hazell, assignors.)
 United States Rubber Company. (See Roberts, Elmer, assignor.)
 United States Rubber Company. (See Shinkle, Seaphes D., assignor.)
 United States Rubber Company. (See Strickhouser, Sherman L., assignor.)
 United States Rubber Company. (See Tefft, Ralph F., assignor.)
 United States Rubber Company. (See Tuley, William F., assignor.)
 United States Rubber Company. (See Wikle, George F., assignor.)
 United States Rubber Company. (See Willey, Edward A., assignor.)
 United States Rubber Products Inc. (See Galligan, J. J., and Robinson, assignors.)
 U. S. Rustless Steel & Iron Corporation. (See Strauss, Jerome, assignor.)
 U. S. Sanitary Specialties Corporation. (See Aronson, H. L., and Seidel, assignors.)
 United States Shellac Importers Association, Inc. (See Gardner, William H., assignor.)
 U. S. Slicing Machine Company. (See Dapp, Charles, assignor.)
 U. S. Slicing Machine Company. (See Folk, Joseph, assignor.)
 U. S. Slicing Machine Company. (See van Berkel, Wilhelmus A., assignor.)
 United States Spring & Bumper Co. Inc. (See Langley, Harry J., assignor.)
 U. S. Submarine Motorship Dredge, Inc. (See Lord, Mount C., assignor.)
 United Steel and Wire Co. (See Betts, Earl L., assignor.)
 United Steel and Wire Co. (See Tansley, Charles V., assignor.)
 United Stove Company. (See Breed, Carroll M., assignor.)
 United Verde Copper Company. (See Kuzell, C. E., Marston, and Mooney, assignors.)
 United Verde Copper Company. (See Ralston, Oliver C., assignor.)
 United Wood Heel Company. (See Howe, Andrew F., assignor.)
 United Wood Heel Company. (See Muschong, P. J., Parr, and Oberbeck, assignors.)
 Unitor Corporation. (See Parsons, George K., assignor.)
 Universal Air Filter Corporation. (See Christofferson, Charles, assignor.)

- Universal Alloys, Incorporated, et al. (See Grenagle, James B., assignor.)
- Universal Boiler Filter Corporation. (See Wemhoener, Emil F., assignor.)
- Universal Button Fastening & Button Company. (See Clark, John M., assignor.)
- Universal Button Fastening & Button Company. (See Clark, J. M., and Ford, assignors.)
- Universal Button Fastening & Button Company. (See Ford, I. D., and Clark, assignors.)
- Universal Cooler Corporation. (See Higham, William W., assignor.)
- Universal Crusher Company. (See Rosendahl, Nils M., assignor.)
- Universal Dental Company. (See Charen, Myer, assignor.)
- Universal Draft Gear Attachment Co. (See Bartsch, Herbert E., assignor.)
- Universal Draft Gear Attachment Co. (See Camp, Percy B., assignor.)
- Universal Draft Gear Attachment Company. (See Camp, Percy B., assignor.)
- Universal Form Clamp Co. (See Hillberg, Bror, assignor.)
- Universal Form Clamp Company. (See Hillberg, Bror, assignor.)
- Universal Gear Corporation. (See Wennerstrom, Carl G., assignor.)
- Universal Gear Shift Corporation. (See Hodgkins, Albert A., assignor.)
- Universal Gypsum & Lime Co. (See Jeffrey, D. C., and Wolfe, assignors.)
- Universal Hydraulic Corporation. (See Kinzie, Phillip A., assignor.)
- Universal Insulation Company. (See Keel, James, assignor.)
- Universal Merit Corporation. (See Spaeth, Charles, assignor.)
- Universal Milking Machine Company, The. (See Schmitt, John A., assignor.)
- Universal Neon Equipment Company. (See Hartman, Frank O., assignor.)
- Universal Oil Products Company. (See Alther, Joseph G., assignor.)
- Universal Oil Products Company. (See Anderson, Henry, assignor.)
- Universal Oil Products Company. (See Angell, Charles H., assignor.)
- Universal Oil Products Company. (See Barnes, Marion W., assignor.)
- Universal Oil Products Company. (See Benedict, Wayne L., assignor.)
- Universal Oil Products Company. (See Benedict, W. L., and Wirth, assignors.)
- Universal Oil Products Company. (See Benner, Harry P., assignor.)
- Universal Oil Products Company. (See Cook, Ralph C., assignor.)
- Universal Oil Products Company. (See Davis, Richard F., assignor.)
- Universal Oil Products Company. (See Day, Roland B., assignor.)
- Universal Oil Products Company. (See de Rachat, Nicholas G., assignor.)
- Universal Oil Products Company. (See Dubbs, Carbon P., assignor.)
- Universal Oil Products Company. (See Egloff, Gustav, assignor.)
- Universal Oil Products Company. (See Egloff, G., and Morrell, assignors.)
- Universal Oil Products Company. (See Egloff, G., and Schaad, assignors.)
- Universal Oil Products Company. (See Fairchild, Oscar H., assignor.)
- Universal Oil Products Company. (See Fisher, Alfred, assignor.)
- Universal Oil Products Company. (See Grosse, Aristid V., assignor.)
- Universal Oil Products Company. (See Held, Jacob B., assignor.)
- Universal Oil Products Company. (See Huff, Lyman C., assignor.)
- Universal Oil Products Company. (See Ipatieff, Vladimir, assignor.)
- Universal Oil Products Company. (See Ipatieff, V., and Grosse, assignors.)
- Universal Oil Products Company. (See Lowry, Charles D., Jr., assignor.)
- Universal Oil Products Company. (See Luton, C. W., and Beddow, assignors.)
- Universal Oil Products Company. (See Mattox, William J., assignor.)
- Universal Oil Products Company. (See Mekler, Lev A., assignor.)
- Universal Oil Products Company. (See Morgan, Boyd W., assignor.)
- Universal Oil Products Company. (See Morrell, Jacque C., assignor.)
- Universal Oil Products Company. (See Morrell, J. C., and Angell, assignors.)
- Universal Oil Products Company. (See Morrell, J. C., and Dryer, assignors.)
- Universal Oil Products Company. (See Morrell, J. C., and Egloff, assignors.)
- Universal Oil Products Company. (See Nagel, Robert E., assignor.)
- Universal Oil Products Company. (See Nelson, Edwin F., assignor.)
- Universal Oil Products Company. (See Olsen, Neal S., assignor.)
- Universal Oil Products Company. (See Pyzel, Frederic M., assignor.)
- Universal Oil Products Company. (See Pyzel, Robert, assignor.)
- Universal Oil Products Company. (See Seguy, Jean D., assignor.)
- Universal Oil Products Company. (See Skowronski, Felix J., assignor.)
- Universal Oil Products Company. (See Weber, Harold C., assignor.)
- Universal Oil Products Company. (See Wood, Andrew M., assignor.)
- Universal Oil-Seal Company. (See Nelson, Victor E., assignor.)
- Universal Optical Corporation. (See Searles, Wayne S., assignor.)
- Universal Oven Company. (See Elliott, Irwin, assignor.)
- Universal Postal Frankers, Limited. (See Kalman, Marton, assignor.)
- Universal Products Co. Inc. (See Goddard, P. B., and Ketham, assignors.)
- Universal Publishing Syndicate. (See Kendig, Benton B., assignor.)
- Universal Specialties Company. (See Renneisen, George L., assignor.)
- Universal Winding Company. (See Blair, Harry R., assignor.)
- Universal Winding Company. (See Jones, Henry C., assignor.)
- Universal Winding Company. (See Leeson, Robert A., assignor.)
- Universal Winding Company. (See Parks, Edward F., assignor.)
- Universal Winding Company. (See Stein, M., and Fodor, assignors.)
- Universal Winding Company. (See Swanson, Ernest R., assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik, J. C. Muller and Co. (See Berger, Martin, assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co. (See Biró, Alois, assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik-J. C. Muller & Co. (See Herrmann, Johannes, assignor.)
- "Universelle" Cigarettenmaschinenfabrik J. C. Muller & Co. (See Jähne, Ernst H., assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik, J. C. Müller & Co. (See Markert, Walter, assignor.)
- Universelle Cigarettenmaschinen-Fabrik J. C. Muller. (See Neff, Johannes, assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co. (See Neff, J., Berger, and Kempe, assignors.)
- "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co. (See Ritscher, Friedrich A., assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik, J. C. Müller & Co. (See Röber, Constantin F., assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik, J. C. Müller & Co. (See Schmiedel, Johannes, assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik, J. C. Müller & Co. (See Stelzer, Franz H. B., assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co. (See Werner, Albert, assignor.)
- University of Illinois, Board of Trustees of the. (See Babbitt, H. E., and Schlenz, assignors.)
- Univis Corporation, The. (See Stanley, Nathan M., assignor.)
- Univis Lens Company, The. (See Polackoff, Edward, assignor.)
- Unkles, Edward H., Weehawken, N. J., assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Projection apparatus. 2,018,691; Oct. 29.
- Unland, Theodore F. A. (See Belgeri, M. J., and Unland.)
- Unsingher, Harold F., San Francisco, Calif. Milk bottle cream separator. 1,987,037; Jan. 8.
- Unverferth, Lawrence G., Fort Jennings, Ohio. Beet blocking machine. 2,009,332; July 23.
- Unyte Corporation. (See Eisenmann, K., Scholz, and Wolf, assignors.)
- Unyte Corporation. (See Ellis, Carleton, assignor.)
- Unyte Corporation. (See Luther, M., Pungs, Griesbach, and Heuck, assignors.)
- Unyte Corporation. (See Menger, Adolf, assignor.)
- Unyte Corporation. (See Schmiding, Matthias, assignor.)
- Upchurch Lea R., Varina, N. C. Reversible tobacco truck. 2,011,507; Aug. 13.
- Upchurch, Thomas B., Jr., et al. (See Newlin, Mike H., assignor.)
- Upham, George F., Bronxville, N. Y. Attachment for containers. 2,001,947; May 21.
- Upham, Gilbert R., Churchville, Pa., assignor to The De Long Hook and Eye Company. Buckle. 2,022,483; Nov. 26.
- Upp, Ada R., assignor of one-half to A. Dinkins, Woodlake, Calif. Folding portable packing and weighing stand. 1,992,262; Feb. 26.
- Upp, Ada R., assignor of one-half to A. Dinkins, Woodlake, Calif. Scale for packing fruits. 2,022,062; Nov. 26.
- Upp, William M., Kansas City, Mo. Electrical generating and distributing system. 1,991,070; Feb. 12.
- Upper, Frederick A. (See Martin, H. C., and Upper.)

- Upson, Charles A., assignor to The Upson Company, Lockport, N. Y. Vehicle insulation. 2,006,232; June 25.
- Upson Company, The. (See Upson, Charles A., assignor.)
- Upson Company, The. (See Winship, Ross, assignor.)
- Upson, Ralph H., Detroit, Mich. Aircraft instrument. 2,008,885; July 23.
- Upson, Ralph H., Ann Arbor, Mich. Aircraft. 2,021,470; Nov. 19.
- Upson, Walter L., University City, Mo. Fluid reaction device. 2,021,707; Nov. 19.
- Upton, Albert L., St. Louis, Mo. Control system for theater lighting circuits. 2,006,223; June 25.
- Upton, Henry J., West Medford, Mass., assignor, by mesne assignments, to The Chilton Pen Company, Inc., Long Island, N. Y. Fountain pen. 2,017,110; Oct. 15.
- Urbach, George R., Rushville, Ind. Game of skill. 2,012,673; Aug. 27.
- Urbach, William H. (See Strouse, B. M. and Urbach.)
- Urbain, Leon F., et al. (See Johnson, Oscar L., assignor.)
- Urbain, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Producing lactic acid. 2,009,753; July 30.
- Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Purification of potable and polluted waters. 2,009,754; July 30.
- Urban, Helmut. (See Faerber, E., Koch, and Urban.)
- Urban, Wilbur J., Oak Park, Ill. Lamp cluster. 2,018,905; Oct. 29.
- Urbls, Frank W. (See Vanderhider, E. D., and Wentreck, assignors.)
- Ure, George A., Bonnybridge, Scotland. Cooking range. 1,994,423; Mar. 12.
- Urfer, Adolf, Richmond Hill, assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Indicating relative angular movements. 1,991,129; Feb. 12.
- Urfer, Adolf, Richmond Hill, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Electric tachometer. 1,999,347; Apr. 30.
- Urfer, Adolf, Richmond Hill, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Altimeter. 2,002,874; May 28.
- Urfer, Adolf, Richmond Hill, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Aircraft deviation indicator. 2,011,738; Aug. 20.
- Urfer, Adolf, Richmond Hill, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Altimeter. 2,023,825; Dec. 10.
- Urfer, Adolf, Richmond Hill, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Altimeter. 2,243,313; Dec. 17.
- Urfer, Adolf, Richmond Hill, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Altimeter. 2,024,314; Dec. 17.
- Urfer, Adolf, assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Apparatus for marking dials of instruments. 2,001,335; May 14.
- Urle, Frank D., Elgin, assignor to Elgin National Watch Company, Chicago, Ill. Timing mechanism for watch and like movements. 1,991,477; Feb. 19.
- Uriwal, Alfons, assignor to Texas Harvest Hat Company, Inc., Laredo, Tex. Straw helmet hat. 1,991,829; Feb. 19.
- Uriwal, Alfons, assignor to Texas Harvest Hat Company, Inc., Laredo, Tex. Hat brim. 1,997,708; Apr. 16.
- Uriwal, Alfons, assignor to Texas Harvest Hat Company, Inc., Laredo, Tex. Helmet hat. 2,007,821; July 9.
- Uriwal, Alfons, Laredo, Tex., assignor to Texas Harvest Hat Co., Laredo, N. Y. Decorating straw hats and the like. 2,016,913; Oct. 8.
- Urquhart, Davis L., Richmond, Calif. Fishing reel. 1,996,130; Apr. 2.
- Urquhart, Norman J., assignor of fifteen one-hundredths to C. R. Bitting, one-tenth to R. H. Hyde, and one-fourth to J. P. Rex, Detroit, Mich. Gas burner. 1,994,547; Mar. 19.
- Urs, Mary, Youngstown, Ohio. Hair curling device. 2,013,591; Sept. 3.
- Urschel, Bertis H., Bowling Green, Ohio. Drop hammer. 1,995,441; Mar. 26.
- Urschel, Bertis H., Bowling Green, Ohio. Tubular axle bearing construction. 1,986,949; Jan. 8.
- Urschel, William E., Valparaiso, Ind. Bean cutter. 1,993,197; Mar. 5.
- Urschel, William E., Valparaiso, Ind. Eskimo house building form. 1,995,692; Mar. 26.
- Urschel, William E., Valparaiso, Ind. Vegetable peeler. 1,995,693; Mar. 26.
- Urschel, William E., Valparaiso, Ind. Onion snipper. 1,995,694; Mar. 26.
- Urschel, William E., Valparaiso, Ind. Cherry stemmer. 2,002,161; May 21.
- Urschel, William E., Valparaiso, Ind. Blueberry cleaner. 2,018,157; Oct. 22.
- Urschel, William E., Valparaiso, Ind. Fruit and vegetable peeler. 2,021,970; Nov. 26.
- Urytzky, Seman, Piscataway, assignor of one-half to W. H. Kelsey, New Brunswick, N. J. Toy vehicle. 2,021,531; Nov. 19.
- Ueschmann, Curt. (See Wendling, Alfred J., assignor.)
- Utility Development Company. (See Heller, John K., assignor.)
- Usher, Geraldine B., Charlottesville, Va. Container. 2,007,697; July 9.
- Usinger, Henry E., Pitman, N. J., assignor to Berger Bros. Company, Philadelphia, Pa. Gutter miter. 1,986,833; Jan. 1.
- Usinger, Henry E., Pitman, N. J., assignor to Berger Bros. Company, Philadelphia, Pa. Gutter hanger. 1,997,663; Apr. 16.
- Usinger, Matthias C., Media, assignor to Federal Container Company, Philadelphia, Pa. Package. 2,006,725; July 2.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Connection clamp. 1,997,091; Apr. 9.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Modulation. 2,007,099; July 2.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillation generation. 2,009,368; July 23.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Phase rotation detector and frequency regulator. 2,018,820; Oct. 29.
- Utah Radio Products Company. (See Barrett, Edward L., assignor.)
- Utah Radio Products Company. (See Bertschi, Jacob, assignor.)
- Utah Radio Products Company. (See Ellmore, William A., assignor.)
- Utah Royalty Corporation. (See Rider, Rowland W., assignor.)
- Utica Radiator Corporation. (See Bair, Edward J., assignor.)
- Utica Towel Cabinet Corp. (See Darman, Joseph, assignor.)
- Utiger, Ralph, Delavan, Wis. Fence tool. 2,013,223; Sept. 3.
- Utilities Research Commission, Inc. (See Lurie, Harold H., assignor.)
- Utilities Improvements Limited. (See Teatini, Dario, assignor.)
- Utilities Service Company. (See Miller, Herbert E., assignor.)
- Utsch, Hermann. (See Weinand, K., Bamberger, and Utsch.)
- Utter, Charles E. (See Barnett, D. T., and Doty, assignors.)
- Utter, Ernst W. O., Helsinki, Finland. Drop bomb. 1,986,034; Jan. 1.
- Utterback, William B., J. R. Nash, and T. W. Munce, Sioux City, Iowa, assignors to Allied Laboratories, Kansas City, Mo. Device for improving the use of vacuum in the bleeding of animals. 2,020,252; Nov. 5.
- Utterstrom, Sven L., Boden, Sweden. Ski binding. 2,022,580; Nov. 26.
- Utz, Anthony, Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,020,223; Nov. 5.
- Utz, William, Detroit, Mich. Occupant propelled vehicle. 2,019,833; Nov. 5.
- Utzing, Max, and M. Bommer, Riehen, near Basel, assignors to firm Society of Chemical Industry in Basle, Basel, Switzerland. Anthraquinone vat-dyestuff and making same. 2,026,150; Dec. 31.
- Uyematsu, Miyosaku, Montebello, Calif. Developing ornamental plants from ordinary vegetable plants. 2,002,164; May 21.
- Uyterhoeven, Willem, Eindhoven, Netherlands, assignor to General Electric Company. Electric discharge apparatus. 2,001,509; May 14.
- Uyterhoeven, Willem, and C. Verburg, Eindhoven, Netherlands, assignors to General Electric Company, New York, N. Y. Lamp unit. 2,001,510; May 14.
- Uyterhoeven, Willem, and M. J. Druyvesteyn, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,001,511; May 14.
- Uyterhoeven, Willem, and C. Verburg, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,020,706; Nov. 12.
- Uyterhoeven, Willem, and A. de Bruin, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,020,707; Nov. 12.
- Uyterhoeven, Willem, M. van Dam and C. Verburg, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,020,708; Nov. 12.
- V. Friedolsheim, Adolf. (See Luther, M., and V. Friedolsheim.)
- Vaa, Lawrence E., Poulso, Wash. Door for trap nests. 1,994,734; Mar. 19.
- Vacca, Louis. (See Cetrano, Eugene, assignor.)
- Vacher, H. E. J. (See Buena, Guadalupe, assignor.)
- Vacira, Vincenzo. (See Greco, J., and Vacira.)
- Vacu Churns Limited. (See McCorkindale, William H., assignor.)
- Vacuodri Fruit Corporation. (See Moore, Charles C., assignor.)
- Vacuum Bolting Cloth Cleaner Corporation. (See Rice, Harry B., assignor.)
- Vadco Sales Corporation. (See Waring, Olaf I., assignor.)
- Vagnini, Louis V., et al. (See Lombi, Louis, assignor.)
- Vahle, Edgar W. (See Winger, J. A., and Vahle.)
- Vahle, Edgar W., assignor to The Huffman Manufacturing Company, Dayton, Ohio. Dispensing device. 2,021,246; Nov. 19.

- Vahlteich, Hans W., New York, N. Y., and J. L. Schille, Union, N. J., assignors to The Best Foods, Inc., New York, N. Y. Storage of eggs. 1,992,263; Feb. 26.
- Vail, Charles H., Johnstown, N. Y. Leather dyeing machine. 2,016,186; Oct. 1.
- Vail, Daniel R. (See Jensen, W. E., and Vail.)
- Vail, Henry H., Camden, assignor to Automatic Drive and Transmission Company, Gloucester City, N. J. Automatic clutch. 2,003,322; June 4.
- Vail, Henry H., Camden, assignor to Automatic Drive and Transmission Company, Gloucester City, N. J. Automatic clutch. 2,003,323; June 4.
- Vail, Henry H., Camden, assignor to Automatic Drive and Transmission Company, Gloucester City, N. J. Automatic clutch device. 2,003,324; June 4.
- Vail, Walter E. (See Larson, A. T., and Vail.)
- Vail, Walter E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of carboxylic acid. 2,000,053; May 7.
- Vaile, Theodore, and F. E. Vonderahe, assignors to Continental Steel Corporation, Kokomo, Ind. Machine for forming loops in bound box wires. 2,007,030; July 2.
- Vallasek, Otakar, Chicago, Ill. Tent. 1,995,489; Mar. 26.
- Valby, Edgar P., and M. L. Arnold, Long Beach, Calif. Method and apparatus for continuously determining vapor pressure. 2,002,101; May 21.
- Valenta, Joseph, Los Angeles, Calif. Frozen confection and holder thereof. 1,992,516; Feb. 26.
- Valentin, Antoine, Valencia, Spain. Treatment of sheets of fibrous materials. 2,024,616; Dec. 17.
- Valentine, Charles W., assignor to The Bagley and Sewall Company, Watertown, N. Y. Slitting mechanism for paper making machines. 2,003,404; June 4.
- Valentine, Charles W., and A. Helin, assignors to The Bagley and Sewall Company, Watertown, N. Y. Drier mechanism for paper making machines. 1,991,432; Feb. 19.
- Valentine, George E., Schuylkill Haven, Pa. Stoker for furnaces. 2,019,942; Nov. 5.
- Valentine, Irving R., Erie, Pa., assignor to General Electric Company. Short cycle anneal of malleable iron. 2,004,774; June 11.
- Valentine, Percy W., et al. (See Lahn, Frederick C., assignor.)
- Valentine, Ralph E., Passaic, N. J., assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Pressure indicating device. 2,024,752; Dec. 17.
- Valkó, Emrich. (See Hopf, H., Ebel, and Valgó.)
- Valerio, Louis. (See Burdge, Kenneth M., assignor.)
- Valle, Alarico, Yonkers, N. Y. Belt-lacing machine. 2,023,652; Dec. 10.
- Vallen, Earl J., Akron, Ohio. Curtain operating apparatus. 2,012,460; Aug. 27.
- Vallendor, Max L., Walnut Park, and P. C. Fly, Ventura, Calif. Pump valve. 2,011,740; Aug. 20.
- Valley Forge Cement Company. (See Breerwood, Charles H., assignor.)
- Valley Mould & Iron Corporation. (See Kauffman, Edmund J., assignor.)
- Vallez Rotary Filters Company. (See Chapman, William L., assignor.)
- Vallinos, Nicholas, New York, N. Y. Cigarette package case and opener. 2,021,273; Nov. 19.
- Valone, Charles, assignor to Barcalo Manufacturing Company, Buffalo, N. Y. Foot and shoe or cap. 2,011,785; Aug. 20.
- Valverde, Robert, New York, N. Y. Thermostat. 1,987,166; Jan. 8.
- Valverde, Robert, New York, N. Y. Bimetal thermostat element. 1,987,167; Jan. 8.
- Valvoline Oil Company. (See Miller, C. A., and Smith, assignors.)
- Vana, Charles A., assignor to The Grasselli Chemical Company, Cleveland, Ohio. Deodorization of lactates. 2,013,082; Sept. 3.
- Van Ackeren, Joseph, O'Hara Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Coking retort oven. 1,997,759; Apr. 16.
- Van Ackeren, Joseph, O'Hara Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Coking retort oven. 2,003,565; June 4.
- Van Ackeren, Joseph, O'Hara Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Coking retort oven. 2,020,919; Nov. 12.
- Vanadium-Alloys Steel Company. (See McKenna, Philip M., assignor.)
- Van Aken, John C., Ridgway, Pa. Hat holder. 2,003,659; June 4.
- Van Alstyn, Albert T., Three Rivers, Mich. Garment supporting device. 1,993,044; Mar. 5.
- Van Alstyne, Bonnie E., San Francisco, Calif. Copy holder. 1,990,103; Feb. 5.
- Van Alstyne, Bonnie E., San Francisco, Calif. Attachment for copholders. 1,990,104; Feb. 5.
- Van Arkel, Anton E. (See Holst, G., and van Arkel.)
- Van Arsdale, Malcolm G., Short Hills, N. J., and L. W. Griffiths, Tonawanda, assignors to Van Raalte Company, New York, N. Y. Stocking and manufacturing the same. 2,010,936; Aug. 13.
- Van Berkel, Cornelis E. M., Wassenaar, near The Hague, assignor to V. J. M. Eras, Dordrecht, Netherlands. Carrier for rolls of toilet paper and like rolls. 2,008,297; July 16.
- Van Berkel, Wilhelmus A., Clarens, Montreux, Switzerland, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine with multiple knives. 1,993,466; Mar. 5.
- Van Berkel, Wilhelmus A., Clarens, Montreux, Switzerland, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 1,994,971; Mar. 19.
- Van Berkel, Wilhelmus A., Clarens, Montreux, Switzerland, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slice stacking mechanism. 2,024,403; Dec. 17.
- Van Berkel, Wilhelmus A., Clarens, Montreux, Switzerland, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,024,404; Dec. 17.
- Van Bree, Hubert and A. Frace, Racine, Wis. Amalgam mixer. 1,999,671; Apr. 30.
- Van Buren, John, Brooklyn, N. Y. Machine for wrapping and boxing articles. 1,993,389; Mar. 5.
- Van Buren, John, Brooklyn, N. Y. Article feeding and stacking machine. 1,995,161; Mar. 19.
- Van Buren, John, Brooklyn, N. Y. Paper feeding mechanism. 2,006,702; July 2.
- Van Burger, Gordon H., et al. (See Trask, Merrill H., assignor.)
- Van Buskirk, Leshner W., Easton, Pa. Digging tooth. 2,005,016; June 18.
- Van Buskirk, William H., assignor of one-half to O. Beaulieu, Vancouver, British Columbia, Canada. Safety milk bottle container. 2,022,226; Nov. 26.
- Van Buskirk, William H., assignor of one-half to Oliver Beaulieu, Vancouver, British Columbia, Canada. Safety milk bottle container. 2,023,826; Dec. 10.
- Van Buuren, Theodore, Amsterdam, Netherlands. Milk boiling apparatus. 2,008,805; July 23.
- Van Camp, Fernand, assignor to Société Anonyme des Etablissements J. Laroche-Lechat, Ghent, Belgium. Vulcanizer. 2,024,811; Dec. 17.
- Van Campen, Jonah H., Youngstown, Ohio, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Method of and apparatus for treating metal sheets. 1,988,344; Jan. 15.
- Vance, Arlyn T., Los Angeles, Calif. Foot exercising device. 1,989,899; Feb. 5.
- Vance, Arlyn T., Los Angeles, Calif. Tympanic pneumo massage device. 2,014,009; Sept. 10.
- Vance, Arthur W., Camden, N. J., assignor to Radio Corporation of America, New York, N. Y. Cathode ray apparatus. 2,006,063; June 25.
- Vance, Johnstone, et al. (See Raymond, H. H., and Vance, assignors.)
- Vancil, Edgar D. (See Haas, F. S., and Vancil.)
- Van Cleave, Ira H., et al. (See Anglemeyer, Herman B., assignor.)
- Van Cleef Bros. (See Dermott, William, assignor.)
- Van Cleef Bros. (See Lewis, O. W., and Durst, assignors.)
- Van Cleef Bros. (See Roedding, Ward E., assignor.)
- Van Cleef Bros. (See Van Cleef, Paul, assignor.)
- Van Cleef, Paul, assignor to Van Cleef Bros., Chicago, Ill. Apparatus for use in the manufacture of swab-equipped bottle closures. 2,025,917; Dec. 31.
- Van Cleef, Paul, assignor to Van Cleef Bros., Chicago, Ill. Ball manufacture. 2,025,918; Dec. 31.
- Vancouver Evening Columbian, The. (See Whitmore, Charles E., assignor.)
- Van Daam, Gerrit, Buffalo, N. Y. Water heater. 1,990,056; Feb. 5.
- Van Dalfsen, Jan. (See Wibaut, J. P., and van Dalfsen.)
- Van Dalsen, Stanley B., San Jose, Calif. Splint. 2,012,488; Aug. 27.
- Van Dam, Martinus. (See Uytterhoeven, W., van Dam and Verburg.)
- Van Dartelen, Johannes, Vlissingen, assignor to Naamloze Vennootschap Koninklijke Maatschappij de Schelde, Flushing, Netherlands. Regulating mechanism for pumps. 1,993,904; Mar. 12.
- Van Deest, Henry, assignor to Henney Motor Company, Freeport, Ill. Slidable seat. 1,988,638; Jan. 22.
- Van de Graaff, Robert J., assignor to Massachusetts Institute of Technology, Cambridge, Mass. Electrostatic generator. 1,991,236; Feb. 12.
- Van de Graaff, Robert J., Cambridge, Mass., assignor to Research Corporation, New York, N. Y. Electrical transmission system. 2,024,957; Dec. 17.
- Vandegrift, Edwin J., Pittsburgh, Pa. Rotatable die. 2,023,297; Dec. 3.
- Vandegrift, James N., assignor to International Bitumenol Corporation, New York, N. Y. Screening and cooling conveyer. 1,986,950; Jan. 8.
- Vandegrift, James N., New York, and C. Postel, Richmond, assignors to International Bitumenol Corporation, New York, N. Y. Retort. 1,995,873; Mar. 26.
- Van Degrift, Thomas C., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Gear shift mechanism. 2,003,794; June 4.
- Van Degrift, Thomas C., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Balancing machine for propeller shafts. 2,008,161; July 16.
- Van De Mark, Christian A., Hamden, Conn. Pole reinforcement. 1,995,874; Mar. 26.
- Vanden Brande, Peter, Freeport, N. Y. Hanger device for storm windows. 2,002,169; May 21.
- Van Denburg, John W., White Plains, N. Y. Apparatus for preventing nuisance in incinerating waste materials. 1,995,728; Mar. 26.

- Vanderbeek, Herbert, assignor to The Timken Roller Bearing Company, Canton, Ohio. End lapping machine. 2,024,118; Dec. 10.
- Vanderbilt, Byron M., and H. B. Gottlieb, Chicago Heights, Ill., assignors to Victor Chemical Works. Preparing phosphoric acid esters of aliphatic alcohols. 2,008,478; July 16.
- Vanderbilt, Byron M., and H. Adler, Chicago Heights, Ill., assignors to Victor Chemical Works. Production of anhydrous alkali metal hyposulphites. 2,010,615; Aug. 6.
- Vanderbilt, R. T., Company. (See Alton, William H., assignor.)
- Vanderbilt, R. T., Company. (See Edland, Laurence A., assignor.)
- Vanderbilt, R. T., Company. (See Kidwell, Cleo H., assignor.)
- Vanderbilt, R. T., Co. Inc. (See Larson, Leon H., assignor.)
- Vandercok, Albert E., assignor to National Mining and Reduction Company, Sacramento, Calif. Metal separation. 1,987,454; Jan. 8.
- Van der Cook, Raymon E., Inkster, and E. Sweetland, Grosse Isle, Mich., assignors to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Purifying concentrated caustic soda solutions. 1,998,471; Apr. 23.
- Van der Grinten, Lodewijk P. F., assignors to Naamlooze Vennootschap Chemische Fabriek L. van der Grinten, Venlo, Netherlands. Making reflex copies. 2,022,014; Nov. 26.
- Van der Grinten, Lodewijk P. F., assignor to Naamlooze Vennootschap Chemische Fabriek L. van der Grinten, Venlo, Netherlands. Copying of opaque originals by contact printing. 2,026,292; Dec. 31.
- Vander Heide, Herman J., Walker Township, Kent County, Mich. Puzzle. 1,987,951; Jan. 15.
- Van Der Heuvel, Hine. (See Ketel, H., Harris, and Van Der Heuvel.)
- Vanderhider, Edgar E., and J. A. Wentreck; said Wentreck assignor to F. W. Urbis, Taylor, Tex. Trot line holder and setter. 1,997,243; Apr. 9.
- Van der Horst, Hajo L. (See Mulder, J. G. W., and van der Horst.)
- Vanderhove, Harold M. (See Anderson, Lionel K., assignor.)
- Vander Hulst, William N. A., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,995,724; Mar. 26.
- Vander Hulst, W. N. A., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,998,529; Apr. 23.
- Van Der Kuy, Cornelius, Pontiac, Mich. Spatula. 1,997,953; Apr. 16.
- Vanderlick, Stanley, Nanticoke, Pa. Expansible drill. 2,013,257; Sept. 3.
- Van der Mark, Jan. (See van der Pol, B., and van der Mark.)
- Van der Mark, Jan. (See Van der Ven, A. J. H., Van der Mark, and Tellegen.)
- Vandermeer, Dirk J., Toronto, Ontario, Canada, assignor to Standard Oil Development Company. Seal for rotary shafts. 2,011,206; Aug. 13.
- Vanderpoel, Albert G. H., assignor of one-third to J. O'Laverty, and one-third to D. E. Seward, Los Angeles, Calif. Automatic deceleration control device. 2,017,878; Oct. 22.
- Ven der Pol, Balthasar, and R. Veldhuyzen, Eindhoven, Netherlands, assignors to Radio Corporation of America. Differential condenser. 2,000,678; May 7.
- Van der Pol, Balthasar, and J. van der Mark, Eindhoven, Netherlands, assignors to Radio Corporation of America. Circuit arrangement for generating or amplifying electric oscillations. 2,024,489; Dec. 17.
- Vanderpool, John F., et al. (See Baker, Hallis, assignor.)
- Van der Pyl, Edward, Holden, assignors to Norton Company, Worcester, Mass. Antislipping tread unit. 2,009,595; July 30.
- Van der Sluijs, Pieter W. (See Lorange, H. F. J., and van der Sluijs.)
- Van der Tuuk, Jacob H. (See Mulder, J. G. W., and Van der Tuuk.)
- Van Derveer, Clarence A. (See Caesar, O. S., and Van Derveer.)
- Van Derveer, Clarence A., Michigan City, Ind., assignor to S. Karpen & Bros., Chicago, Ill. Aisle-seat. 2,018,983; Oct. 29.
- Vanderveer, Jewell W., Syracuse, N. Y., assignor to Erie Malleable Iron Company, Erie, Pa. Wheel. 1,999,531; Apr. 30.
- Vanderveld, Anthony, Grand Rapids, Mich. Powder dispensing top. 1,993,493; Mar. 5.
- Vandervelde, Almé, Brussels, Belgium. Heating by means of solid fuel of very small sizes. 2,011,093; Aug. 13.
- Van der Ven, Adrianus J. H., J. Van der Mark, and B. D. H. Tellegen, Eindhoven, Netherlands, assignors to Radio Corporation of America. Combined detector amplifier circuits. 1,997,397; Apr. 9.
- Vandervoort, Francis M., assignor to The White Motor Company, Cleveland, Ohio. Change speed mechanism. 1,998,034; Apr. 16.
- Vandervoort, Francis M., assignor to The White Motor Company, Cleveland, Ohio. Change speed mechanism. 2,015,736; Oct. 1.
- Vandervoort, Milford T., assignor to E. A. Wedemeier, Grand Rapids, Mich. Self-closing detachable theater seat. 2,001,991; May 21.
- Van der Willigen, Paul C., J. H. de Boer, and C. J. Dippel, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Carrier for recording and for making same. 2,020,861; Nov. 12.
- Van der Woerd, Andries, Amsterdam, Netherlands. Bottle with means for filling pens. 2,019,240; Oct. 29.
- Van der Woude, Fritz, assignor to The General Industries Company, Elyria, Ohio. Turntable driving mechanism. 2,006,660; July 2.
- Vanderzee, Harry H., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Cable equalizer. 2,020,920; Nov. 12.
- Van Devanter, Harry R., New York, N. Y., assignor to Patent Engineering Corporation. Combination clock and radioreceiver. 2,003,405; June 4.
- Van de Ven, Johannes, assignor to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. Regenerating resists containing cellulose filling materials. 1,998,211; Apr. 16.
- Van Deventer, Harry R., New York, N. Y., assignor to Patent Engineering Corporation. Combination clock and radio receiver assembly. 2,021,211; Nov. 19.
- Van Deventer, Harry R., New York, N. Y., assignor to Patent Engineering Corporation. Time switch. 2,021,212; Nov. 19.
- Vandever, James R., Pampa, Tex., assignor to Richard P. Abele, Tulsa, Okla. Chemical heater for oil wells. 2,004,452; June 11.
- Van Dijk, Willem J. D., The Hague, Netherlands. Process and apparatus for intimately contacting fluids. 2,011,186; Aug. 13.
- Van Dijk, Willem J. D., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,023,109; Dec. 3.
- Van Dijk, Willem J. D., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Manufacturing refined products from mineral oils. 2,022,375; Dec. 3.
- Van Dijk, Willem J. D., The Hague, and A. M. I. Hoogendam, Delft, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Apparatus for burning liquid fuel. 1,988,673; Jan. 22.
- Van Dissen, James L., T. O. Williams, and J. M. Lee, Los Angeles, Calif.; said Williams and said Lee assignors to said Van Dissen. Electric water purifier. 1,986,989; Jan. 8.
- Vandiver, E. P., et al. (See Burriss, Oliver G., assignor.)
- Van Dongen, Dick W., Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Decanting indigo slurries. 1,987,879; Jan. 15.
- Van Dresser Specialty Corporation. (See Burch, Fred, assignor.)
- Van Dresser Specialty Corporation. (See Van Dresser, William C., assignor.)
- Van Dresser, William C., assignor to Van Dresser Specialty Corporation, Detroit, Mich. Cushion. 2,008,158; July 16.
- Van Dyke, Bert M., and A. V. Haman, Tunkhannock, Pa. Automobile signal. 2,008,886; July 23.
- Van Dyke, Laura W., Los Angeles, Calif. Fire resistant binder finish. 1,994,492; Mar. 19.
- Van Dyke, Russel H. (See Kenyon, W. O., and Van Dyke.)
- Van Dyke, Russel H. (See Staud, C. J., and Van Dyke.)
- Van Dyke, Russell H., C. S. Webber and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Direct production of acetone-soluble cellulose esters. 1,997,326; Apr. 9.
- Van Dyken, Peter P., Manhattan, Mont. Rotary container or display device. 2,017,189; Oct. 15.
- Van Embden, Hendrick J. M. (See Rinia, H., and van Embden.)
- Van Engel, Bernard. (See Bruijnes, J., Schouwstra, and van Engel.)
- Vanet, Paul. (See Brandenberger, J. E., and Vanet.)
- Vanet, Paul, Le Vesinet, France, assignor to Le Film Ozaphane. Printing cinematographic films. 1,993,812; Mar. 12.
- Vanet, Paul, Vesinet, France, assignor to LeFilm Ozaphane. Developing method for cinematographic films. 1,994,735; Mar. 19.
- Van Fleet, Francis M., Washington, D. C. Motor driven toothbrush. 1,997,352; Apr. 9.
- Vang, Alfred and J. A. Klenle, assignors of one-third to H. B. Trix, Detroit, Mich. Thermostatic piston. 2,022,905; Dec. 3.
- Van Geel, Willem C. (See Emmens, H., and van Geel.)
- Van Geel, Willem C., and H. Emmens, Eindhoven, Netherlands, assignors to Radio Corporation of America. Dry plate rectifier. 1,999,551; Apr. 30.
- Van Geel, Willem C., and H. Emmens, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Dry rectifier. 2,002,221; May 21.
- Van Geel, Willem C., and H. Emmens, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrical condenser. 2,005,279; June 18.
- Van Geons, George, Jr., Danbury, Conn. Aircraft. 1,995,083; Mar. 19.
- Van Gessel, Karel M., Eindhoven, Netherlands, assignor to Radio Corporation of America. Electric discharge tube. 1,989,954; Feb. 5.
- Van Gilder, Jennie O., Columbus, Ohio. Elastic material. 1,989,895; Feb. 5.

- Van Hagan, Homer H., Buffalo, assignor to Certain-Teed Products Corporation, New York, N. Y. Building construction. 2,018,334; Oct. 22.
- Van Harrevelt, Louis H. (See Stoet, H., and van Harrevelt.)
- Van Hee, Jules. (See Borson, B., and van Hee.)
- Van Heurn, Frans C., Amsterdam, Netherlands, assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Rubber flooring and the like and making the same. 1,987,168; Jan. 8.
- Van Hoefen, Harry S., St. Louis, Mo. Lettering guide. 2,001,640; May 14.
- Van Holtz, Charles T., assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn. Snap-on sign receptacle. 2,012,979; Sept. 3.
- Van Horn, Chris S., Bloomsburg, Pa. Dental casting machine. 2,000,801; May 7.
- Van Horn, Irving H., East Cleveland, Ohio, assignor to General Electric Company. Electric lamp. 2,021,758; Nov. 19.
- Van Horn, Junius B. (See Mendenhall, E., and Van Horn.)
- Van Horn, Junius B. (See Mendenhall, E., Van Horn, and Coberly.)
- Van Houten, John M. (See Hanna, D. J., and Van Houten.)
- Van Houten, Austin, assignor to Creek Chub Bait Company, Garrett, Ind. Fish lure. 1,999,522; Apr. 30.
- Van Huystee, Albertus M. J., Heemstede, Netherlands, assignor to Aktienbolaget Gerk. Arehns Mekaniska Verkstad, Stockholm, Sweden. Method and device for stripping tobacco. 1,999,490; Apr. 30.
- Vanick, James S. (See Merica, P. D., Vanick, and Wickenden.)
- Vanier, Oliver, Binghamton, assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article. 2,021,160; Nov. 19.
- Van Ike, Lennie B., assignor to Koldaire Utilities Company, Inc., Los Angeles, Calif. Dry ice refrigeration by conduction. 2,024,490; Dec. 17.
- Van Inwagen, Charles L., Jr. (See Hampton, L. N., and Van Inwagen, Jr.)
- Van Inwagen, Charles L., Jr., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable grip. 1,994,674; Mar. 19.
- Van Law, Durbin, assignor, by mesne assignments, to Powderco Inc., Denver, Colo. Feed mechanism for fueling systems. 1,989,345; Jan. 29.
- Van Lear, Glenwood M. (See Boyle, W. E., and Van Lear.)
- Van Leir, Henry W., Philadelphia, Pa., assignor to L. Ricefield, Oak Park, Ill. Insulating flexible shaft coupling. 2,025,838; Dec. 31.
- Van Leuven, Lewis B., Westfield, N. J. Window lift. 2,010,680; Aug. 6.
- Van Liempt, Johannes A. M., and P. Leydens, assignors to N. V. Phillips Gloeilampenfabrieken, Eindhoven, Netherlands. Flash-light lamp. 1,989,572; Jan. 29.
- Van Liempt, Johannes A. M., and P. Leydens, assignors to N. V. Phillips, Gloeilampenfabrieken, Eindhoven, Netherlands. Flashlight lamp. 2,013,371; Sept. 3.
- Van Look, Louis A. (See Gebhard, L. A., and Van Look.)
- Van Loon, Johannes, Deventer, Netherlands. Making persalts by electrolysis. 1,988,059; Jan. 15.
- Van Macklenbergh, Jan, s.Hertogenbosch, Netherlands. Paper blank for forming postcards. 2,018,984; Oct. 29.
- Van Marle, Dirk J., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Paste feed for driers. 2,006,703; July 2.
- Van Meeuwen, Robert, Haarlem, assignor to G. S. Miller Co.'s Automotief Producten N. V., Amsterdam, Netherlands. Liquid dispensing apparatus. 1,991,266; Feb. 12.
- Van Melsen, Johannes A. (See Huyser, H. W., and van Melsen.)
- Van Melsen, Johannes A., and S. L. Langedijk, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Separation of isomeric pentanones. 2,010,384; Aug. 6.
- Van Meter, James W., assignor of one-half to G. E. Fettes, Los Angeles, Calif. Insecticidal and fungicidal agent and method. 2,025,365; Dec. 24.
- Van Meter, Solomon L., Jr., Lexington, Ky. Battery filling device. 1,996,843; Apr. 9.
- Van Mierlo, Stanislas, J. M. R. Girard, and C. A. J. Pulles, Paris, France, assignors to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,997,205; Apr. 9.
- Van Minnen, Rinze H. (See Nordlohne, P. J. H. A., and van Minnen.)
- Van Muffling, Adrian, assignor of one-third to Carol Woodward, New York, and one-third to P. Frank Sonnek, Woodhaven, N. Y. Cooking appliance. 2,006,704; July 2.
- Vann, James C., et al. (See Lane, Kenneth M., assignor.)
- Van Ness, Willard L. (See Kadow, A., and Van Ness.)
- Van Ness, William H., Newark, N. J. Vehicle umbrella pouch. 2,014,241; Sept. 10.
- Van Noorden, E., Company. (See Hobbs, Chester H., assignor.)
- Van Noorden, E., Company. (See Isgur, Louis, assignor.)
- Van Noorden, Jan W., The Hague, Netherlands. Plug socket. 2,014,056; Sept. 10.
- Van Nordstrand, Robert D., Scotia, N. Y., assignor to General Electric Company. Furnace. 2,016,914; Oct. 8.
- Van Note, Eugene, Kearny, N. J., assignor of one-half to M. and J. Kasson, New York, N. Y. Hinge and rest. 2,000,541; May 7.
- Vannucci, Pilade L., San Jose, Calif. Can handler. 1,999,491; Apr. 30.
- Van Osdel, William J., Chicago, Ill. Alternating current clock. 2,000,307; May 7.
- Van Osdel, Dwight G., et al. (See Stark, John F., assignor.)
- Van Patten, Bertha, Omaha, Nebr. Adjustable foundation pattern. 2,022,929; Dec. 3.
- Van Pattensteiger, Walter, Auburndale, assignor to D. A. Leuk, Newton Lower Falls, Mass. Liquid metering instrument. 2,007,031; July 2.
- Van Patter, Hugh S., assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Joining separate bodies. 1,989,955; Feb. 5.
- Van Pelt, Charles H. C., et al., trustees. (See Ducker, Louis F., assignor.)
- Van Peski, Adrianus J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Absorbing olefines having three or more carbon atoms in the molecule in strong acids. 1,995,908; Mar. 26.
- Van Peski, Adrianus J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Absorbing carbon monoxide and/or diolefines from gases or vapors. 1,999,159; Apr. 23.
- Van Peski, Adrianus J., Amsterdam, Netherlands, assignor, by mesne assignments, to Shell Development Company, San Francisco, Calif. Absorbing olefines having three or more carbon atoms in the molecule in strong acids. 1,999,621; Apr. 30.
- Van Peski, Adrianus J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Stabilizing acid liquor. 2,010,337; Aug. 6.
- Van Peski, Adrianus J., Amsterdam, Netherlands, assignor, by mesne assignments, to Shell Development Company, San Francisco, Calif. Manufacture of sulphates of ammonia. 2,011,307; Aug. 13.
- Van Peski, Adrianus J., Bussum, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Treating mineral oil distillates. 2,019,772; Nov. 5.
- Van Peski, Adrianus J., Bussum, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Low pour point mineral oil composition. 2,022,990; Dec. 3.
- Van Peski, Adrianus J., and S. L. Langedijk, Amsterdam, Netherlands, assignors, by mesne assignments, to Shell Development Company, San Francisco, Calif. Manufacture of alcohols. 1,999,620; Apr. 30.
- Van Proyen, Arthur. (See Parker, Thomas J., assignor.)
- Van Raalte Company. (See Carlson, Ellsworth E., assignor.)
- Van Raalte Company. (See Lonceteaux, H. J., Norton, and Griffiths, assignors.)
- Van Raalte Company. (See Scott, Herbert V. W., assignor.)
- Van Raalte Company. (See van Arsdale, M. G., and Griffiths, assignors.)
- Van Ranst, Cornelius W., assignor to Packard Motor Car Company, Detroit, Mich. Vehicle wheel. 2,014,751; Sept. 17.
- Van Rentergem, Agelink, executrix. (See Van Straaten, Louis O.)
- Van Roggen, Mathieu. (See Robin, L., and van Roggen.)
- Van Rosendaal, August, Los Angeles, Calif. Kitchen utensil. 1,989,574; Jan. 29.
- Van Rossem, Walter J., Los Angeles, and L. E. Harrison, Eagle Rock, assignors to Oramold Products Corporation, Los Angeles, Calif. Kneading or mixing device. 1,998,692; Apr. 23.
- Van Sant, Victor H., Brookfield, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for manufacturing electric lamps. 2,023,628; Dec. 10.
- Van Santen, Elysia F., Chicago, Ill. Game. 2,006,492; July 2.
- Van Schaack Bros. Chemical Works, Inc. (See Lacy, Kenneth B., assignor.)
- Van Schaack Bros. Chemical Works, Inc. (See Young, Hoyland D., assignor.)
- Van Seggera, Ray F., New Brunswick, N. J. Door type heater for combustion chambers. 2,016,759; Oct. 8.
- Vanselow, Waldemar. (See Sheppard, S. E., and Vanselow.)
- Van Sickle, Frank B. (See Brown, C. A., Craig, and Van Sickle.)
- Van Sicklen Corporation et al. (See Flint, Floyd F., assignor.)
- Van Sickles, Raymond B., assignor to Winchester Repeating Arms Company, New Haven, Conn. Hand lamp. 1,987,169; Jan. 8.
- Van Sooten, Jacob, Eindhoven, Netherlands, assignor to Radio Corporation of America. Centralized radio system. 2,020,813; Nov. 12.
- Van Stekelenburg, Ferdinandus H. A. (See Klinkhamer, H. A. W., de Bruin, and van Stekelenburg.)
- Van Straaten, Louis O., deceased, late of Biggekerke, by Sara Jacoba Van Straaten, born Agelink Van Rentergem, executrix, Biggekerke, Netherlands. Production of corrected color-selection positives for color photography and multicolor printing. 2,007,316; July 9.
- Van Straaten, Sara Jacoba, executrix. (See Van Straaten, Louis O.)

- Van Suchtelen, Eduard F., Amsterdam, Netherlands. Apparatus for dispersing liquids and mixtures. 2,004,840; June 11.
- Van Syckle, Cecil E., Lakewood, Ohio. Rail clamp. 1,994,260; Mar. 12.
- Van Tien, Nicolaas W., Heerlen, Netherlands. Electric cigar-lighter. 1,998,598; Apr. 23.
- Van Urk, Arend T. (See Vermeulen, R., and van Urk.)
- Van Urk, Arend T., Eindhoven, Netherlands, assignor to Radio Corporation of America. Electro dynamic moving system. 2,010,529; Aug. 6.
- Van Urk, Arend T., and G. Peusken, Eindhoven, Netherlands, assignors to Radio Corporation of America. Driving member for electrodynamic loud speakers. 2,020,814; Nov. 12.
- Van Valkenburg, Hermon L., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Push button switch. 1,996,891; Apr. 9.
- Van Valkenburg, Hermon L., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Automatic starter. 2,008,845; July 23.
- Van Valkenburg, Hermon L., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Automatic starter. 2,013,013; Sept. 3.
- Van Valkenburg, Hermon L., Wauwatosa, and J. Zeller, Milwaukee, Wis., assignors to Square D Company, Detroit, Mich. Pressure switch. 2,020,485; Nov. 12.
- Van Valkenburg, Horace, Cleveland Heights, Ohio. Dental X-ray film support. 2,010,281; Aug. 6.
- Van Valkenburgh, Edgar H., Gloversville, N. Y. Roll grinder for leather dressing machines and the like. 2,023,347; Dec. 3.
- Van Veen, Anton, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Band heater release. 2,017,450; Oct. 15.
- Van Vestrout, Geoffrey. (See Boughton, E. B., and Van Vestrout.)
- Van Voorhees, Brown. (See Rembert, E. W., and Van Voorhees.)
- Van Voorhees, Harold E., Windsor, Ontario, Canada, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Window screen for automotive vehicles. 2,019,105; Oct. 29.
- Van Voorhees, Harold E., Windsor, Ontario, Canada, and T. P. Archer, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Window assembly. 1,996,559; Apr. 2.
- Van Voorhees, Harold E., Windsor, Ontario, Canada, A. C. Andersen, and T. P. Archer, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Window assembly for an automotive vehicle. 2,022,015; Nov. 26.
- Van Voorhis, George S., Northampton, assignor to United Elastic Corporation, Easthampton, Mass. Hosiery. 2,022,444; Nov. 26.
- Van Voorst, George, Jr., assignor to Rutherford System Incorporated, Kansas City, Mo. Cooking apparatus. 2,004,024; June 4.
- Van Voorst, George, Jr., assignor to Rutherford System, Incorporated, Kansas City, Mo. Combined track-forming, spacing, and retaining structure. 2,004,025; June 4.
- Van Vulpen, John. (See Parks, P. B., Smith, and van Vulpen.)
- Van Vulpen, John, and E. A. Russell, assignors to Vapor Car Company, Inc., Chicago, Ill. Heating system for self-propelled vehicles. 1,991,990; Feb. 19.
- Van Vulpen, John, and E. A. Russell, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Train temperature regulating system. 2,009,823; July 30.
- Van Wagenen, James H., Washington, D. C. Brake. 1,986,306; Jan. 1.
- Van Westrum, Leonard S., Jr., The Hague, Netherlands. Locker for clothes and the like. 1,987,542; Jan. 8.
- Van Westrum, Colby, Chicago, assignor to Electric Household Utilities Corporation, Cicero, Ill. Hydraulic system for clothes driers. 2,022,018; Nov. 26.
- Van Weyenbergh, Emile. (See Sagar, H., Van Weyenbergh, and Jones.)
- Van Wyk, Paul, and I. R. Acheson, Portland, Oreg., assignors to Food Machinery Corporation, San Jose, Calif. Package diverting device. 2,001,927; May 21.
- Van Zwet, Willem L. C. (See Bienfait, H., and van Zwet.)
- Vapor Car Heating Company. (See Parks, Paul B., assignor.)
- Vapor Car Heating Company. (See Parks, P. B., Smith, and van Vulpen, assignors.)
- Vapor Car Heating Company. (See Rhodes, Lewis B., assignor.)
- Vapor Car Heating Company. (See Van Vulpen, J., and Russell, assignors.)
- Vapor Car Heating Company, Inc. (See Russell, Edward A., assignor.)
- Varaud, André, Geneva, Switzerland. Casing for mechanical fuse mechanism. 2,007,732; July 9.
- Varese, Anthony A., Chicago, Ill. Combined cap and pressure applying attachment. 1,988,404; Jan. 15.
- Varese, Anthony A., Chicago, Ill. Combined cap and pressure applying attachment. 2,007,100; July 2.
- Varieur, Stonio, assignor to Reliance Picture Frame Co. Inc., New York, N. Y. Picture frame machine. 2,009,153; July 23.
- Varilux Limited. (See Best, John G., assignor.)
- Varkas, Spiros S., New York, N. Y. Clutch operating mechanism. 1,996,532; Apr. 2.
- Varley, Thomas W., New York, N. Y. Electrical measuring instrument. 1,990,964; Feb. 12.
- Varley, Thomas W., New York, N. Y. Telephone time-announcing system. 2,005,357; June 18.
- Varley, Thomas W., New York, N. Y. Electric measuring instrument. 2,013,321; Sept. 3.
- Varnell, Thomas R., Cleveland, Tenn. Inertia controlled shock absorber. 1,991,265; Feb. 12.
- Varney, Gordon, Bradenton, Fla. Refrigeration. 1,987,170; Jan. 8.
- Varney, Gordon, Bradenton, Fla. Refrigeration. 2,015,167; Sept. 24.
- Varney, Gordon, Bradenton, Fla. Refrigeration. 2,015,168; Sept. 24.
- Varney, Gordon, Bradenton, Fla. Refrigerating system. 2,019,551; Nov. 5.
- Varney, Gordon, Bradenton, Fla. Refrigeration system. 2,021,971; Nov. 26.
- Varney, William W. (See Brown, John L., assignor.)
- Varney, William W., et al. (See Grenagle, James B., assignor.)
- Varney, William W. (See Leilich, Frank T., assignor.)
- Varney, William W. (See Ray, Walter T., assignor.)
- Vartanian, Martin, New York, N. Y. Spray device. 2,016,158; Oct. 1.
- Vašátko, Josef. (See Dědek, Jaroslav.)
- Vasold, Leo L., assignor to Schwarze Electric Company, Adrian, Mich. Audible signal. 2,011,957; Aug. 20.
- Vass, Joseph, Sharpsville, Pa. Mechanical toy. 1,996,600; Apr. 2.
- Vass, Michael G., Maywood, assignor to United States Gypsum Company, Chicago, Ill. Building arch construction. 2,005,572; June 18.
- Vass, Michael G., Maywood, assignor to United States Gypsum Company, Chicago, Ill. Composite building deck. 2,007,354; July 9.
- Vassakos, Leonidas A., New York, N. Y. Automatic photograph studio. 2,016,029; Oct. 1.
- Vaucher, André, assignor to the firm Magnetos Lucifer Société Anonyme, Carouge, Geneva, Switzerland. Stationary armature for small electric generators. 1,990,678; Feb. 12.
- Vaughan, Arthur H., assignor to The Electric Furnace Company, Salem, Ohio. Stretching machine and operating the same. 2,003,127; May 28.
- Vaughan & Bushnell Mfg. Co. (See Vaughan, Sanford S., assignor.)
- Vaughan Company. (See Ponton, Fortunat, assignor.)
- Vaughan, Eric G. S., assignor to Packers' Supply Company Limited, New Malden, England. Metal strap joint and making the same. 2,023,059; Dec. 3.
- Vaughan, H. E. (See Martin, William A., assignor.)
- Vaughan, J. A., Mfg. Company. (See Patterson, Joseph W., assignor.)
- Vaughan, John F., Belmont, Mass. Measuring instrument. 2,000,625; May 7.
- Vaughan Novelty Mfg. Co. (See Murdock, James A., assignor.)
- Vaughan, Paul S. (See Dennison, E. S., and Vaughan.)
- Vaughan, Sanford S., Oak Park, assignor to Vaughan & Bushnell Mfg. Co., Chicago, Ill. Hammer. 1,991,433; Feb. 19.
- Vaughan, Victor G., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Water heater control system. 1,996,634; Apr. 2.
- Vaughan, William. (See Brown, A. E., and Vaughan.)
- Vaughn, Albert E., Los Angeles, assignor to R. N. Nason & Co., San Francisco, Calif. Producing painted designs, characters, letters and the like. 2,013,194; Sept. 3.
- Vaughn, Chester L., Yorktown, Ind. Lock. 2,000,264; May 7.
- Vaughn, Edwin R., Honesdale, Pa. Combination spring and shock absorber. 1,991,777; Feb. 19.
- Vaughn, Jesse A., Los Angeles, R. H. Mitchell, Southgate, and O. W. Sjogren, Huntington Park, assignors to Killefer Manufacturing Corporation, Ltd., Los Angeles, Calif., Road disk. 2,025,257; Dec. 24.
- Vaughn Machinery Company, The. (See McIlvried, Edwin J., assignor.)
- Vaughn Machinery Company, The. (See Nye, Norman H., assignor.)
- Vaughn, Sidney P., U. S. Navy, Ackerman, Mass. Snap action device. 1,988,345; Jan. 15.
- Vaughn, Sidney P., U. S. Navy, Ackerman, Miss. Thermostatic valve. 1,991,434; Feb. 19.
- Vaughn, Sidney P., U. S. Navy, Ackerman, Miss. Thermostatic valve. 1,993,814; Mar. 12.
- Vaughn, Versal V., Los Angeles, Calif. Kitchen utensil. 2,023,451; Dec. 10.
- Vavruska, Bartlett F., Prairie du Chien, Wis. Garment hanger. 2,003,763; June 4.
- Vawter, John T., Los Angeles, Calif. Flexible cement gun nozzle attachment. 2,014,708; Sept. 17.
- Vazquez, Alejo V., New York, N. Y. Adjustable lock for windows. 2,003,128; May 28.
- Vazquez, Eugenio A., Habana, Cuba. Recovery of sugar and salts from sugar cane molasses. 2,000,202; May 7.
- Veach, Charles M., Well's Tannery, Pa. Centrifugal pump. 1,991,529; Feb. 19.
- Veale, George W., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Bumper. 1,989,178; Jan. 29.
- Veale, George W., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Water heater. 1,992,789; Feb. 26.

- Veale, George W., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Bumper. 1,996,221; Apr. 2.
- Veale, George W., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Bumper. 1,999,602; Apr. 30.
- Veale, George W., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Automobile heater. 1,999,603; Apr. 30.
- Veaux, William M., Seattle, Wash. Apple box. 2,002,102; May 21.
- Vecchio, Joseph, Detroit, Mich. Hair curler. 2,013,258; Sept. 3.
- Veco Corporation. (See Venzie, Frederick M., assignor.)
- Vedder, John W., assignor to Rice, Barton & Fales, Incorporated, Worcester, Mass. Fitting gear for color printing machines. 2,015,770; Oct. 1.
- Veeder-Root Incorporated. (See Olsen, Lawrence F., assignor.)
- Veeder-Root Incorporated. (See Slye, Edward A., assignor.)
- Veeder-Root Incorporated. (See Spaunburg, Harvey L., assignor.)
- Veenschoten, Vincent V., assignor to Northern Equipment Company, Erie, Pa. Feeding water to boilers. 2,011,600; Aug. 20.
- Veenschoten, Vincent V., assignor to Northern Equipment Company, Erie, Pa. Fluid flow regulator. 2,012,978; Sept. 3.
- Vega Manufacturing Corporation. (See Ruben, Samuel, assignor.)
- Veglio, Enrico F., Turin, Italy. Liquid fuel atomizer for internal combustion engines. 2,020,666; Nov. 12.
- Veko, James, Detroit, Mich., assignor to The Murray Corporation of America. Unit vehicle top embodying front and side quarter panels. 2,011,664; Aug. 20.
- Vehko, James, Detroit, Mich., assignor to The Murray Corporation of America. Brazing joints and the like. 2,022,795; Dec. 3.
- Vehling, Hugo M. (See Burgess, E. W., and Vehling.)
- Veinott, Cyril G., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermal motor protective device. 1,987,725; Jan. 15.
- Veit, Hermann E., assignor of fifty per cent to E. H. Schmidt, Baltimore, Md. Defoamer. 2,018,749; Oct. 29.
- Veldhuyzen, Romyn. (See van der Pol, B., and Veldhuyzen.)
- Veldown Company, Inc. (See Blosser, J. E., and Burke, assignors.)
- Velo, Anthony C., Asbury Park, N. J. Disappearing automobile top. 1,990,848; Feb. 12.
- Velsicol Corporation. (See Hyman, Julius, assignor.)
- Venables, Earl, Visalia, Calif. Hand truck. 2,008,887; July 23.
- Vencill, Albert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,021,951; Nov. 23.
- Vend, Benjamin, New York, N. Y. Artificial denture. 2,018,821; Oct. 29.
- Venning, Frank J., Cleveland Heights, and C. O. Kendall, assignors to The Union Salt Company, Cleveland, Ohio. Dispensing receptacle. 2,019,943; Nov. 5.
- Vennum, George C., Wilmington, Del., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Boiler tube cleaning apparatus. 1,991,968; Feb. 19.
- Venters, Keith L., Eugene, Oreg. Shoe sole-cementing machine. 2,002,650; May 28.
- Ventflector Company, The. (See Hentschel, Paul A., assignor.)
- Vento Steel Sash Company. (See Nicles, Hiram W., assignor.)
- Venola, James, Kansas City, Mo. Shoe lengthening tool. 1,990,679; Feb. 12.
- Ventura, Angel, New York, N. Y. Tool holder. 1,994,546; Mar. 19.
- Venus Corporation. (See Meares, Lillian, assignor.)
- Venus Corporation. (See Schnaittacher, Herman, assignor.)
- Venzie, Frederick M., Philadelphia, Pa., assignor to National Gypsum Company, Buffalo, N. Y. Building construction. 1,996,179; Apr. 2.
- Venzie, Frederick M., Philadelphia, Pa., assignor to National Gypsum Company, Buffalo, N. Y. Floor slab construction. 2,000,110; May 7.
- Venzie, Frederick M., Philadelphia, Pa., assignor to National Gypsum Company, Buffalo, N. Y. Building construction. 2,002,927; May 28.
- Venzie, Frederick M., Philadelphia, Pa., assignor, by mesne assignments, to Veco Corporation. Building structure. 2,020,815; Nov. 12.
- Venzie, Frederick M., Philadelphia, Pa., assignor, by mesne assignments, to Veco Corporation. Building structure. 2,025,794; Dec. 31.
- Veraguth, Hans. (See Stoecklin, E., Veraguth, and Grieshaber.)
- Veraguth, Hans, Basel, and E. Stöcklin, Binningen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of halogenated phenylthioglycolic acids. 2,017,613; Oct. 15.
- Verburg, Cornelis. (See Uytendhoeven, W., van Dam, and Verburg.)
- Verburg, Cornelis. (See Uytendhoeven, W., and Verburg.)
- Verbyla, Albert E., Elizabeth, N. J., assignor to Standard Varnish Works. Preparation of pigments. 2,000,003; Apr. 30.
- Verderber, Joseph, Cleveland, and E. F. Batterman, East Cleveland, Ohio. Clamp operating and locking means. 2,014,155; Sept. 10.
- Verderber, Joseph, Cleveland, and E. F. Batterman, East Cleveland, Ohio. Angularly adjustable surface plate. 2,014,156; Sept. 10.
- Verdi, Fred J., Jackson Heights, N. Y. Hair drier. 2,016,915; Oct. 8.
- Verdini, Jean L. J. R., Mortain, France. Liquid container. 2,006,971; July 2.
- Vereenigde Internationale Agenturen Maatschappij. (See Fritz, Max H., assignor.)
- Vereinigte Aluminium-Werke Aktiengesellschaft, et al. (See Fulda, W., Wiedbrauck, and Wittig, assignors.)
- Vereinigte Deutsche Metallwerke Aktiengesellschaft. (See Ebert, Heinrich, assignor.)
- Vereinigte Deutsche Metallwerke Aktiengesellschaft Zweigniederlassung Basse & Selve. (See Schaarwächter, Carl, assignor.)
- Vereinigte Eisenbahn-Signalwerke, Gesellschaft mit beschränkter Haftung. (See Zawadzki, Richard, assignor.)
- Vereinigte Kugellagerfabriken A.-G. (See Stahlecker, W., and Rable, assignors.)
- Vereinigte Kugellagerfabriken Aktiengesellschaft. (See Stahlecker, Wilhelm, assignor.)
- Vereinigte Lausitzer Glaswerke Aktiengesellschaft. (See Fehse, Adolph, assignor.)
- Vereinigte Metalltuch-Fabriken Peter Villforth. (See Schmid, Karl, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Becker, Enno, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Buchholtz, Herbert, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Carius, Karl, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Dürrenhaus, G., and Walter, assignors.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Klein, Ludwig, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Köster, Werner, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Kühn, Paul, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Nierhaus, Friedrich W., assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Schiffler, Hermann J., assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Schlagenhauff, Karl, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Schulz, Ernst H., assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Stoecker, Julius, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Wallman, C., Grossweischede and Kruse, assignors.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Willner, Kurt, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Winkler, Moritz, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Zimmerman, Hans, assignor.)
- Vergan, William E., San Antonio, Tex., assignor to The New York Air Brake Company. Air brake. 2,013,014; Sept. 3.
- Verhagen, Christian M., assignor to The Adlake Company, Chicago, Ill. Sash construction. 2,024,192; Dec. 17.
- Verlinden, Edmond, Milwaukee, Wis. Musical instrument controlling means. 2,002,162; May 21.
- Verlinden, Edmond, Milwaukee, Wis. Revolving speed control for musical instruments. 2,002,163; May 21.
- Verman, Lal C. and L. A. Richards, Ithaca, N. Y., assignors, by mesne assignments, to Radio Corporation of America. Electrical circuit. 2,021,161; Nov. 19.
- Vermeiren, Pierre, Brussels, Belgium. Apparatus for washing drinking glasses and like articles. 2,011,207; Aug. 13.
- Vermeulen, R., Eindhoven, Netherlands, assignor to Radio Corporation of America. Carbon microphone. 2,015,169; Sept. 24.
- Vermeulen, Roelof. (See Six, W., and Vermeulen.)
- Vermeulen, Roelof. (See Six, W., Vermeulen, and de Jong.)
- Vermeulen, Roelof, and A. T. van Urk, Eindhoven, Netherlands, assignor to Radio Corporation of America. Electrodynamical magnet system for microphones, loud speakers, or similar devices. 2,003,847; July 2.
- Vermont, Cornelius, Ridgefield Park, N. J. Retaining wall. 1,993,291; Mar. 5.
- Vernor, James, Company. (See Doughty, William E., assignor.)
- Verpackungsbedarf G. m. b. H. (See Andreas, Arno, assignor.)
- Verrill, Seward W., assignor to The Alaska Freezer Co., Inc., Winchendon, Mass. Preheater for oil burners. 1,995,660; Mar. 26.
- Vershbow, Herman, and B. Shivek, Dorchester, Mass. Rack. 2,013,118; Sept. 3.
- Versluis, Peter, Detroit, Mich. Friction brake. 1,989,179; Jan. 29.
- Versoy, Irving R., assignor to The Berger Brothers Company, New Haven, Conn. Hose supporter button and base plate. 2,020,921; Nov. 12.

- Verstraete, Edmond, Nutley, N. J. Portable table structure. 2,017,223; Oct. 15.
- Vertuno, Anthony J., Oak Park, Ill. Wall facing and wall-facing anchoring means. 2,022,363; Nov. 26.
- Verwys, John J. (See Kosten, J., and Verwys.)
- Vesey, Ingrah, A., Memphis, Tenn. Porch awning. 2,014,752; Sept. 17.
- Vessie, Percy, Ossining, N. Y. Producing water soluble colloidal molybdenum. 2,025,405; Dec. 24.
- Vetrano, Leon J., Houston, Tex. Wrench. 1,987,353; Jan. 8.
- Vetrano, Leon J., Houston, Tex. Valve mechanism. 1,990,762; Feb. 12.
- Vetrano, Leon J., Houston, Tex. Coupling. 2,023,060; Dec. 3.
- Vetter, Charles P., Berkeley, Calif. Oil burner controlling apparatus. 2,020,167; Nov. 5.
- Vetterlein, Henry M., assignor of one-half to H. P. Burke, Philadelphia, Pa. Door. 2,007,552; July 9.
- Veysey, Helen B., Woodstock, Ontario, Canada. Surgical bandage. 2,024,491; Dec. 17.
- Vezina, Joseph R., Springfield, Mass. Extractor device for shaving cream and the like. 2,008,427; July 16.
- Vianini, Guido, Rome, Italy. Pipe manufacturing machine. 2,011,463; Aug. 13.
- Viard, Georges, assignor to Lignes Telegraphiques et Telephoniques, Paris, France. Retardation device. 1,988,939; Jan. 22.
- Viber Company. (See Gordon, Graham M., assignor.)
- Viber Company Limited. (See Jorgensen, Enoch B., assignor.)
- Viberg, Ernest R., Montreal, Quebec, Canada. Journal box cover. 2,013,224; Sept. 3.
- Viberg, Ernest R., Montreal, Quebec, Canada. Journal box cover. 2,018,428; Oct. 22.
- Vibrans, Frank C. (See Richardson, A. S., Vibrans, and Andrews.)
- Vibroscope, Inc. (See Davey, Peter, assignor.)
- Vicard, Pierre G., Lyon, France. Apparatus for the incorporation of a liquid with a gas. 2,023,061; Dec. 3.
- Vicars, T. and T., Limited. (See Marsden, Leonard, assignor.)
- Viceroy Manufacturing Company. (See Clayton, Lewis J., assignor.)
- Vickers-Armstrongs, Limited. (See Carden, John V., assignor.)
- Vickers-Armstrongs Limited. (See Larsson, C. A., and Higson, assignor.)
- Vickers-Armstrongs Limited. (See Watson, John P., assignor.)
- Vickers, Harry F., Detroit, Mich. Hydraulic hoisting unit and control system therefor. 1,989,387; Jan. 29.
- Vickers, Harry F., Detroit, Mich. Vane type pump. 1,989,900; Feb. 5.
- Vickers, Harry F., Detroit, Mich. Vacuum system for hydraulically operated mechanisms. 2,000,265; May 7.
- Vickers, Harry F., Detroit, Mich. Making valve casings. 2,016,878; Oct. 8.
- Vickers, Harry F., Detroit, Mich. Hydraulic steering mechanism. 2,022,698; Dec. 3.
- Vickers, Richard N., Smackover, Ark. Positive lock wrist pin and crank. 2,015,978; Oct. 1.
- Vickery, Frederik W. (See Akre, Semling E., assignor.)
- Vickery, George P., Glendora, assignor to Food Machinery Corporation, San Jose, Calif. Fruit sizer. 2,003,097; May 28.
- Victaulic Company Limited. (See Johnson, Percy G., assignor.)
- Victor Adding Machine Company. (See Buehler, Albert C., assignor.)
- Victor Adding Machine Company. (See Garbell, Max, assignor.)
- Victor Adding Machine Company. (See House, Lloyd A., assignor.)
- Victor Adding Machine Company. (See Uhlig, George J., assignor.)
- Victor, Alexander F., New York, N. Y. Synchronizing motion pictures and sound records. 2,018,043; Oct. 22.
- Victor, Alexander F., New York, N. Y. Sound recording. 2,019,280; Oct. 29.
- Victor, Benjamin J., Oak Park, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Impregnating material. 2,025,486; Dec. 24.
- Victor Chemical Works. (See Adler, H., and Woodstock, assignors.)
- Victor Chemical Works. (See Anable, F. M., and Klein, assignors.)
- Victor Chemical Works. (See Ashton, George B., assignor.)
- Victor Chemical Works. (See Gillet, James M., assignor.)
- Victor Chemical Works. (See Gnox, William H., Jr., assignor.)
- Victor Chemical Works. (See Knox, William H., Jr., assignor.)
- Victor Chemical Works. (See McDonald, G. A., and Miller, assignors.)
- Victor Chemical Works. (See Vanderbilt, B. M., and Adler, assignors.)
- Victor Chemical Works. (See Vanderbilt, B. M., and Gottlieb, assignors.)
- Victor Chemical Works. (See Zinn, Robert E., assignor.)
- Victor Electric Products, Inc. (See Spear, Walter A., assignor.)
- Victor, John H., Jr., Evanston, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Composite sheet material. 1,997,987; Apr. 16.
- Victor, John H., Evanston, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Skeleton metal-backed gasket. 2,001,225; May 14.
- Victor, John H., Evanston, and W. A. Heinze, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Grass retainer. 1,992,790; Feb. 26.
- Victor, John H., Evanston, and W. A. Heinze, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Grease retainer. 2,022,304; Nov. 26.
- Victor, John H., Wilmette, W. A. Heinze, Chicago, and J. B. Victor, Oak Park, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Laminated composition gasket. 2,021,571; Nov. 19.
- Victor, Joseph B. (See Victor, J. H., Heinze and Victor.)
- Victor, Joseph N., Allentown, Pa. Window construction. 2,000,366; May 7.
- Victor Manufacturing & Gasket Company. (See Victor, Benjamin J., assignor.)
- Victor Manufacturing & Gasket Company. (See Victor, John H., assignor.)
- Victor Manufacturing & Gasket Company. (See Victor, J. H., and Heinze, assignors.)
- Victor Manufacturing & Gasket Company. (See Victor, J. H., Heinze and Victor, assignors.)
- Victor Metal Products Corporation. (See Prussing, Walter, assignor.)
- Victor Ring Traveler Company. (See Jerome, Edwin R., assignor.)
- Victoria Vegyeszeti Muvek R. T. (See Kutas, Andor, assignor.)
- Vidal, André J., Paris, France. Fastening device. 1,992,643; Feb. 26.
- Vidal, Pierre L., Versailles, France. System for vaporizing liquids and the absorption of smoke, evil odors, and the like. 1,994,932; Mar. 19.
- Vidalie, René M., assignor to Ray Burner Company, San Francisco, Calif. Oil burner. 2,005,832; June 25.
- Vido, Michael, Hopelawn, N. J. Toy airplane projector gun. 2,017,778; Oct. 15.
- Viel, Louis L., Ville D'Avray, assignor to Société Générale des Carburateurs Zenith, Levallois-Perret, France. Suction actuated carburetor governor. 2,013,932; Sept. 10.
- Viele, Sylvester M., Swartmore, Pa. Electric protective system. 2,018,241; Oct. 22.
- Vierliu, Daniel, Chicago, Ill. Auto-aeroplane. 1,998,148; Apr. 16.
- Vierling, Karl, Matthias Schimling, and H. Klingenberg, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of plywood and other joined wooden articles. 2,019,834; Nov. 5.
- Viets, Harry A., Winsted, Conn. Game apparatus. 2,016,465; Oct. 8.
- Viettl, William V., and A. D. Garrison, Houston, Tex., assignors to The Texas Company, New York, N. Y. Treating oil wells. 2,024,119; Dec. 10.
- Vlewegh, Heinrich, Vienna, Austria. Hot water central heating system for a plurality of consumer units with indirect measurement of the heat consumed. 2,001,226; May 14.
- Vigers, Ronald W., assignor to D. Napier & Son Limited, London, England. Admission apparatus for internal combustion engines of the liquid fuel injection type. 2,016,062; Oct. 1.
- Vigliano, Joseph, New York, N. Y. Safety clamp device. 1,992,590; Feb. 26.
- Vigne, Albert, Webster Groves, assignor to National Bearing Metals Corporation, St. Louis, Mo. Journal bearing. 2,013,872; Sept. 10.
- Vigne, Albert, Webster Groves, assignor to National Bearing Metals Corporation, St. Louis, Mo. Journal bearing. 2,026,261; Dec. 31.
- Viking Diesel Motor Corporation. (See Knudsen, Carl H., assignor.)
- Viking Products Company. (See O'Neil, Walter P., assignor.)
- Vikre, Jacob N., Lake City, S. Dak. Sash holder. 2,017,299; Oct. 15.
- Vila y Colombo, Juan A., Habana, Cuba. Radio receiving set. 2,003,250; May 28.
- Vilbrandt, Frank C. (See Sweeney, O. R., Vilbrandt, Beeson, and Montgomery.)
- Vilén, Olof E., and T. G. Bergnéhr, assignors, by mesne assignments, to Aktiebolaget Arki Stockholm, Sweden. Manufacturing insulating sleeves. 2,007,779; July 9.
- Villa, John, assignor to M. W. Bieherbach, Jr., Philadelphia, Pa. Portable electric current tap device. 2,001,671; May 14.
- Villa, Julio I. (See MacEwan, W. R., and Villa.)
- Villanyi, Charles M., Bayside, assignor to L. Mundet and Son, Inc., New York, N. Y. Closure. 1,989,218; Jan. 29.
- Villanyi, Charles M., Bayside, assignor to L. Mundet & Son, Inc., New York, N. Y. Apparatus for forming an article. 1,989,724; Feb. 5.
- Villanyi, Charles M., Bayside, assignor to L. Mundet & Son, Inc., New York, N. Y. Apparatus for forming an article. 1,989,725; Feb. 5.
- Villanyi, Charles M., Bayside, assignor to L. Mundet & Son, Inc., New York, N. Y. Closure. 2,001,086; May 14.
- Villars, Joseph, Detroit, Mich. Welding tong. 1,989,901; Feb. 5.

- Villem, Raymond, assignor to Compagnie Generale de Telegraphie sans Fil, Paris, France. High frequency amplifier. 1,987,880; Jan. 15.
- Vilsmeier, Anton. (See Neresheimer, H., Ruppel, and Vilsmeier.)
- Vinar, Washington, Cicero, assignor to Burton-Dixie Corporation, Chicago, Ill. Wire spiral spring. 2,003,406; June 4.
- Vinay, Rita. (See Lambert, Arthur, assignor.)
- Vincennes Packing Corporation. (See Gilliat, Ollie, assignor.)
- Vincent, Charles, Brussels, Belgium. Operating the transmission of motor vehicles and driving mechanism for carrying out the same. 2,008,231; July 16.
- Vincent, Edgar C., New York, N. Y. Carton and discharge vent. 2,007,553; July 9.
- Vincent, Edward T., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,986,545; Jan. 1.
- Vincent, Edward T., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,990,575; Feb. 12.
- Vincent, Edward T., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,990,576; Feb. 12.
- Vincent, Edward T., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,991,586; Feb. 19.
- Vincent, Edward T., assignor to Continental Motors Corporation, Detroit, Mich. Fuel injection apparatus. 1,991,587; Feb. 19.
- Vincent, Edward T., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,991,588; Feb. 19.
- Vincent, Edward T., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,996,180; Apr. 2.
- Vincent, Edward T., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,015,826; Oct. 1.
- Vincent, Edward T., assignor to Continental Motors Corporation, Detroit, Mich. Fuel injection valve for internal combustion engines. 2,020,627; Nov. 12.
- Vincent, Edward T., and J. R. McVeigh, assignors to Continental Motors Corporation, Detroit, Mich. Engine. 2,006,972; July 2.
- Vincent, Felix J., Minneapolis Minn. Steam trap. 2,013,015; Sept. 3.
- Vincent, Harvard B., Ann Arbor, Mich. Apparatus for determining the loudness of sounds emitted from mechanical devices. 1,992,453; Feb. 26.
- Vincent, Henri, Sucrerie de Kom-Omba, Egypt. Spark plug. 2,021,928; Nov. 26.
- Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,007,413; July 9.
- Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Transmission mechanism. 2,014,486; Sept. 17.
- Vincent, Jesse G., Grosse Pointe, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,016,879; Oct. 8.
- Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,020,530; Nov. 12.
- Vincent, Joseph, Pittsburgh, Pa. Sled runner shoe. 2,016,187; Oct. 1.
- Vincent, Thomas K. (See McCann, G. M., and Vincent.)
- Vinson, Guy, Miami, Fla. Exterminator for insects. 2,004,841; June 11.
- Vinson, Guy, Miami, Fla. Protector for insect poison. 2,009,305; July 23.
- Vinton, Frank A., assignor to B. H. Henderson, Baltimore, Md. Type casting apparatus. 1,986,990; Jan. 8.
- Vinyard, Moses D. (See Bilbrey, A. A., and Vinyard.)
- Vinz, Alfred O., Beaver Dam, Wis. Oil treatment of coal. 2,005,512; June 18.
- Vinzant, Jean E. (See Perrin, M. C., and Vinzant.)
- Violette, Richard J., Virginia, Minn. Fountain toothbrush. 2,018,158; Oct. 22.
- Virgallito, Vincent A. (See Suller, John A., assignor.)
- Virginia Bridge & Iron Company. (See Woodbury, William N., assignor.)
- Virginia-Carolina Chemical Corporation. (See Genz, Frederick W., assignor.)
- Virginia Smelting Company. (See Binus, Frederick W., assignor.)
- Virneburg, George, New York, N. Y. Toy catapult. 2,026,199; Dec. 31.
- Virtanen, Artturi I., Helsinki, Finland. Preparation of mixtures of hydrochloric, sulphuric, and sulphurous acids. 2,017,614; Oct. 15.
- Vis, Daniel M., Jr., The Hague, Netherlands. Apparatus for resharpening safety razor blades. 1,994,799; Mar. 19.
- Vis, George A. (See Hodge, Hugh M., assignor.)
- Visco Meter Corporation. (See Eckstein, George R., assignor.)
- Viscose Company, The. (See Allen, George M., assignor.)
- Viscose Company, The. (See Davidson, Hobart O., assignor.)
- Viscose Company, The. (See Humphrey, James W., assignor.)
- Viscose Company, The. (See Humphrey, J. W., and Pedlow, assignors.)
- Viscose Company, The. (See Koster, Frederick W., assignor.)
- Viscose Company, The. (See Webber, James A., assignor.)
- Visking Corporation, The. (See Clement, Sylvester, assignor.)
- Visking Corporation, The. (See Dietrich, Harold E., assignor.)
- Visking Corporation, The. (See Freund, Erwin O., assignor.)
- Visking Corporation, The. (See Hewitt, Alfred G., assignor.)
- Visking Corporation, The. (See Schwalbe, W., and Schnecko, assignors.)
- Visking Corporation, The. (See Smith, John P., assignor.)
- Visomatic Systems, Inc. (See Wood, William W., assignor.)
- Visomatic Systems, Inc. (See Wood, W. W., and Lutz, assignors.)
- Visser, John, assignor to Grand Rapids Metalcraft Corporation, Grand Rapids, Mich. Receptacle. 1,994,933; Mar. 19.
- Visser, John, assignor to Grand Rapids Metalcraft Corporation, Grand Rapids, Mich. Panel pocket. 1,999,970; Apr. 30.
- Visser, John, assignor to Grand Rapids Metalcraft Corporation, Grand Rapids, Mich. Receptacle. 2,001,272; May 14.
- Vitreous Enameling Company, The. (See Frost, John G., assignor.)
- Vitreous Enameling Company, The. (See Weierich, Andrew C., assignor.)
- Vitro Manufacturing Company, The. (See Vollkommer, Theodore J., assignor.)
- Vitrolite Company, The. (See Johnson, Charles E., assignor.)
- Vittengl, Morgan J., Fairfield, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Inner sole and like product. 2,003,961; June 4.
- Vivian Beauty Shoppe, Inc. (See Uebelhart, G. S., and McAllister, assignors.)
- Viviani, Ettore, Milan, Italy, assignor to Ruth-Aldo Company, Inc., New York, N. Y. Dry spinning artificial textile fibers. 2,022,260; Nov. 26.
- Viviano, Philip, St. Louis, Mo. Vehicle spring suspension. 2,002,459; May 21.
- Vivid, Incorporated. (See Flanagan, John J., assignor.)
- Vizard, William C., assignor, by mesne assignments, to Barbour Welting Company, Brockton, Mass. Shoe welting and its manufacture. 1,996,844; Apr. 9.
- Vizard, William C., assignor, by mesne assignments, to Barbour Welting Company, Brockton, Mass. Calk sole welting and the like. 2,011,958; Aug. 20.
- Vizard, William C., assignor, by mesne assignments, to Barbour Welting Company, Brockton, Mass. Making welting. 2,011,959; Aug. 20.
- Vizard, William C., assignor, by mesne assignment, to Barbour Welting Company, Brockton, Mass. Making welting. 2,011,960; Aug. 20.
- Vizard, William C., assignor, by mesne assignments, to Barbour Welting Company, Brockton, Mass. Welting and the manufacture thereof. 2,011,961; Aug. 20.
- Vlossak, Charles, et al., trustees. (See Gurkey, Stephen A., assignor.)
- Vocke, William J., Detroit, Mich. Indexing device for dividing heads. 2,012,859; Aug. 27.
- Voegeli, Henry E., assignor to The American Brass Company, Waterbury, Conn. Wall construction. 2,023,452; Dec. 10.
- Voelcker, Carl S., Glen Cove, N. Y., assignor of one-half to D. Campbell, Montclair, N. J. Footed-glass sandal. 2,025,963; Dec. 31.
- Voelkel, Elmer G., Pine Lawn, assignor of one-half to J. Pavelka, St. Louis, Mo., and one-half to J. L. Clarkson, Nashville, Ill. Loading machine. 2,016,564; Oct. 8.
- Voelkel, John F., executor et al. (See Bommer, Emil.)
- Voeller, Jacob R., Kansas City, Kans., assignor, by mesne assignments, to Alvin J. Swanson, Jamestown, N. Y. Sausage cooker. 2,012,840; Aug. 27.
- Vogel, Alfred H., Sandusky, Ohio. Holder for ornaments and detaching the same. 2,018,934; Oct. 29.
- Vogel, Bruce D., assignor of three-eighths to W. W. Fisher and two-eighths to L. O. Hossom, Long Beach, Calif. Device for preventing overheating of generators. 2,017,482; Oct. 15.
- Vogel-Jorgensen, Mikael, Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Manufacture of cement. 1,988,798; Jan. 22.
- Vogel-Jorgensen, Mikael, Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Treatment of solid material with gaseous media. 2,024,453; Dec. 17.
- Vogel-Jorgensen, Mikael, Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Valve bag. 2,026,178; Dec. 31.
- Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Rotary kiln and cooler. 2,001,227; May 14.
- Vogel, Joseph A., Company. (See Woolley, William J., assignor.)
- Vogel, Max, Frankfort-on-the-Main, Germany. Stapling machine. 1,996,222; Apr. 2.
- Vogel, Max, Frankfort-on-the-Main, Germany. Sheet metal staple strip for use in stapling machines. 2,021,274; Nov. 19.
- Vogel, Max, Frankfort-on-the-Main, Germany, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Staple driving device. 1,987,038; Jan. 8.
- Vogel, Max, Frankfort-on-the-Main, Germany, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Staple. 2,016,466; Oct. 8.

- Vogel, Ralph A., and G. D. Barok, assignors to The Columbus Vending Company, Columbus, Ohio. Vending machine. 2,022,445; Nov. 26.
- Vogel, Robert, Hamburg, Germany. Surgical device. 2,012,363; Aug. 27.
- Vogel, Wilhelm, and K. Baurmann, assignors to Felten & Guilleaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Multicore power cable. 1,989,346; Jan. 29.
- Vogel, William J., Montclair, N. J., assignor to International Combustion Engineering Corporation, New York, N. Y. Slagging furnace installation. 1,986,951; Jan. 8.
- Vogel, Willis A., Toledo, Ohio. Terrazzo. 1,998,346; Apr. 16.
- Voges, Herman W., Springfield, Mass. Lock operating means. 2,006,374; July 2.
- Vogt, Albert E., assignor to Vogt Manufacturing Corporation, Rochester, N. Y. Window sash guide. 2,021,972; Nov. 26.
- Vogt, Charles H., Philadelphia, Pa. Filling apparatus. 2,011,989; Aug. 20.
- Vogt, Charles H., Philadelphia, assignor to Modern Food Process Company, Philadelphia, Pa. Food product and method of manufacture. 2,015,297; Sept. 24.
- Vogt, Clarence, Wenonah, N. J. Roller skate. 2,021,035; Nov. 12.
- Vogt, Clarence C. (See Paschke, H., and Vogt.)
- Vogt, Clarence W., assignor, by mesne assignments, to Vogt Processes, Incorporated, Louisville, Ky. Packaging and handling frozen comestibles or the like. 2,001,475; May 14.
- Vogt, Clarence W., assignor, by mesne assignments, to Vogt Processes, Incorporated, Louisville, Ky. Package and container for ice cream and the like. 2,001,476; May 14.
- Vogt, Clarence W., assignor, by mesne assignments, to Vogt Processes, Incorporated, Louisville, Ky. Frozen comestible package. 2,001,477; May 14.
- Vogt, Clarence W., assignor, by mesne assignments, to Vogt Processes, Incorporated, Louisville, Ky. Shipping package. 2,001,478; May 14.
- Vogt, Clarence W., assignor, by mesne assignments, to Vogt Processes, Incorporated, Louisville, Ky. Method of and apparatus for forming enwrapped bars of a comestible or plastic material. 2,006,375; July 2.
- Vogt, Clarence W., assignor, by mesne assignments, to Vogt Processes, Incorporated, Louisville, Ky. Method and apparatus for forming enwrapped comestible bars and the like. 2,006,376; July 2.
- Vogt, Clarence W., assignor, by mesne assignments, to Vogt Processes, Incorporated, Louisville, Ky. Method and apparatus for processing material. 2,013,016; Sept. 3.
- Vogt, Clarence W., Greenwich, Conn., assignor to Vogt Processes, Incorporated, Louisville, Ky. Pumping mechanism. 2,013,017; Sept. 3.
- Vogt, Clarence W., Greenwich, Conn., assignor to Vogt Processes, Incorporated, Louisville, Ky. Method and apparatus for processing material. 2,013,018; Sept. 3.
- Vogt, Clarence W., assignor, by mesne assignments, to Vogt Processes, Incorporated, Louisville, Ky. Apparatus for nesting and subdividing comestibles. 2,018,750; Oct. 29.
- Vogt, Clarence W., assignor, by mesne assignments, to Vogt Processes, Incorporated, Louisville, Ky. Device for filling ice cream cones. 2,018,751; Oct. 29.
- Vogt, Clarence W., assignor, by mesne assignments, to Vogt Processes, Incorporated, Louisville, Ky. Frozen comestible package. 2,023,629; Dec. 10.
- Vogt, Curt, Berlin, Germany. Counting device for paper money. 1,996,941; Apr. 9.
- Vogt, Eberhard, Leuna, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Production of aromatic amines of the benzene series. 2,013,873; Sept. 10.
- Vogt, Hans, Berlin-Dahlen, Germany. Producing magnet cores free from leakage. 2,011,697; Aug. 20.
- Vogt, Hans, Berlin-Dahlen, Germany. Adhesive for magnetic cores formed of magnetic layers. 2,011,698; Aug. 20.
- Vogt, Leslie T., Coburg, Victoria, Australia. Apparatus for vulcanizing tires and other articles. 2,024,554; Dec. 17.
- Vogt Manufacturing Corporation. (See Vogt, Albert E., assignor.)
- Vogt Processes, Incorporated. (See Miller, Bruce D. H., assignor.)
- Vogt Processes, Incorporated. (See Vogt, Clarence W., assignor.)
- Vogt, Rudolph. (See Schenk, A. J., and Vogt.)
- Vogt, Wilhelm. (See Braun, T., and Vogt.)
- Vogue Mfg. Co. (See Hollar, John V., assignor.)
- Vogue Silk Hosiery Co., The. (See Titber, Ernest, assignor.)
- Voices, Incorporated. (See Denivelle, O. E., and Wilhelm, assignors.)
- Voices, Incorporated. (See Grubman, Leo J., assignor.)
- Voight, Harry G., Hammond, Ind., assignor to American Steel Foundries, Chicago, Ill. Forming castings. 1,994,155; Jan. 12.
- Voight, Henry G., assignor to Sargent & Company, New Haven, Conn. Knob structure for locks. 1,996,357; Apr. 2.
- Voight, Henry G., assignor to Sargent & Company, New Haven, Conn. Doorlock. 1,999,311; Apr. 30.
- Voight, Henry G., assignor to Sargent & Company, New Haven, Conn. Doorlock. 2,002,619; May 28.
- Voight, Henry G., assignor to Sargent & Company, New Haven, Conn. Holder arm for doors. 2,010,937; Aug. 13.
- Voight, Henry G., assignor to Sargent & Company, New Haven, Conn. Lock with demountable cores. 2,023,941; Dec. 10.
- Voight, Wilhelm, assignor to Kalle & Co., Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Device for storing and affixing adhesive strips. 2,016,527; Oct. 8.
- Voigt, Frederick J., Eugene, Oreg. Wood slicing machine. 2,008,317; July 16.
- Voigt & Haeflner Aktiengesellschaft. (See Jordan, F., and Schneider, assignors.)
- Voigt, Mabel C., et al., administrators. (See Conklin, W. F., Hopkins, and Hover.)
- Voigt, Paul A., Ozone Park, assignor to Johns-Manville Corporation, New York, N. Y. Wall assembly. 1,988,147; Jan. 15.
- Voigt, Paul A., Ozone Park, assignor to Johns-Manville Corporation, New York, N. Y. Multiple unit wall assembly. 2,014,419; Sept. 17.
- Voigt, Paul A., Ozone Park, assignor to Johns-Manville Corporation, New York, N. Y. Flashed building structure. 2,021,929; Nov. 26.
- Voigt, Paul A., Ozone Park, and A. E. Shultis, Yonkers, assignors to Johns-Manville Corporation, New York, N. Y. Structural assembly. 2,015,129; Sept. 24.
- Voigtlander & Sohn Aktiengesellschaft. (See Barényi, Árpád, assignor.)
- Voigtmann, Walter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. High potential electric condenser. 2,006,817; July 2.
- Voit, J. M. (See Palm, Hermann, assignor.)
- Voit, Willy. (See Heinrich, H., and Voit.)
- Voith, J. M. (See Baumann, Johannes, assignor.)
- Voith-Schneider Propeller Company. (See Ehrhart, Josef, assignor.)
- Voke, Carl E., and C. E. Denbow, said Voke, assignor of one-tenth to C. S. Loudenslager, Columbus, Ohio. Closure. 2,002,723; May 28.
- Volck, William H., Watsonville, assignor to California Spray-Chemical Corporation, San Francisco, Calif. Insecticidal dust and applying liquid insecticide. 1,990,966; Feb. 12.
- Volck, William H., Watsonville, assignor to California Spray-Chemical Corporation, Berkeley, Calif. Parasiticide and insecticides and making the same. 2,012,328; Aug. 27.
- Voif, Christian A., New York, assignor to N. Lander and E. Tornoe, New York, N. Y. Therapeutic exercising appliance. 2,024,670; Dec. 17.
- Volkes, James, et al. (See Roth, William A., assignor.)
- Volkman, Joseph H., et al. (See Dolan, John, assignor.)
- Vollenbroich, Theodor, assignor to the firm Barmer-Maschinenfabrik A.-G., Barmen-Ritterhausen, Germany. Apparatus for twisting yarn and winding on conical cross wound bobbins. 1,988,060; Jan. 15.
- Vollmann, Heinrich. (See Kränzlein, G., Vollmann, and Schultheis.)
- Vollmann, Heinrich. (See Kunz, M. A., Kränzlein, Koeberle, Corell, Berthold, and Vollmann.)
- Vollmann, Heinrich, and M. Corell, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Preparing naphthalene-1,4,5,8-tetracarboxylic acids and new derivatives of such acids. 2,009,596; July 30.
- Vollmann, Heinrich, Frankfurt-on-the-Main, and H. Becker, Hofheim-on-the-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Polyhalogen-derivatives of pyrene and preparing them. 2,018,935; Oct. 29.
- Vollman, Joseph, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Article-attaching machine. 1,999,145; Apr. 23.
- Volkammer, Theodore J., assignor to The Vitro Manufacturing Company, Pittsburgh, Pa. Ball mill. 2,022,552; Nov. 26.
- Volkammer, Theodore J., assignor to The Vitro Manufacturing Company, Pittsburgh, Pa. Mounting of ball mills. 2,022,553; Nov. 26.
- Vollrath, Richard E. (See Guernsey, E. W., and Vollrath.)
- Volmer, Max, Neubabelsberg-Steinstücken, Germany. Open electric arc-lamp for the generation of ultra-violet radiations. 2,004,680; June 11.
- Volo, Albert. (See Casott, Bernard A., assignor.)
- Voltare Tubes, Inc. (See Pennybacker, Miles, assignor.)
- Voltz, Francis B., Opelousas, La. Stream line light cover. 1,993,127; Mar. 5.
- Volz, Frederick A., assignor to The Stanley Works, New Britain, Conn. Collable measuring rule. 2,005,668; June 18.
- Volz, Frederick A., assignor to The Stanley Works, New Britain, Conn. Collable measuring device. 2,013,322; Sept. 3.
- Volz, Frederick A., assignor to The Stanley Works, New Britain, Conn. Line level. 2,014,709; Sept. 17.
- Vomag-Betriebs-A. G. (See Wolff, Fritz, assignor.)
- Von Arco, Georg, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Frequency multiplication. 1,988,097; Jan. 15.

- Von Ardenne, Manfred, Berlin, assignor to Radioaktiengesellschaft D. S. Lowe, Berlin-Steglitz, Germany. Multiple receiving arrangement. 1,986,488; Jan. 1.
- Von Ardenne, Manfred, assignor to Radioaktiengesellschaft D. S. Lowe, Berlin-Steglitz, Germany. Arrangement for long-distance reception by means of intermediate receivers. 1,993,467; Mar. 5.
- Von Ardenne, Manfred, Berlin, assignor to Radioaktiengesellschaft D. S. Lowe, Berlin-Steglitz, Germany. Device for preventing variation in the speed of the electrons in the case of Braun tubes. 1,993,468; Mar. 5.
- Von Ardenne, Manfred, Berlin, assignor to Radioaktiengesellschaft D. S. Lowe, Berlin-Steglitz, Germany. Cascade amplifier without back-coupling over the anode potential sources. 2,007,624; July 9.
- Von Biehler, Arpad, Dessau, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Filmpack for multicolor photography. 1,991,627; Mar. 19.
- Von Biehler, Arpad, Dessau in Anhalt, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Photographic material. 1,998,530; Apr. 23.
- Von Bohuszewicz, Oscar, Dusseldorf, Germany. Weighing machine. 2,007,817; July 9.
- Von Bramer, Harold, and J. W. Zabriskie, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Production of hydroquinones. 1,998,177; Apr. 16.
- Vonderahe, Francis E. (See Vaile, T., and Vonderahe.)
- Vonderembse, Arthur L., Portsmouth, Ohio. Keyhole illuminator. 2,007,101; July 2.
- Von Ehrental, Bruno P. (See Schopper, A., von Ehrental, and Unger.)
- Von Engel, Alfred. (See Berthold, R. G., Steenbeck, and Von Engel.)
- Von Forster, Hermann, Niederursel, near Frankfurt-on-the-Main, Germany, and S. de Lange, Hilversum, Netherlands, assignors, by mesne assignments, to Gulf Research & Development Corporation, Pittsburgh, Pa. Roofing material. 2,003,728; June 4.
- Von Frommer, Rudolf, Budapest, Hungary. Automatic firearm with a movable barrel. 1,991,302; Feb. 12.
- Von Frommer, Rudolf, Budapest, Hungary. Hair-trigger mechanism for smallarms. 1,997,954; Apr. 16.
- Von Girsewald, Conway, Baron, and E. Stahl, Frankfurt-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Production of sulphates by the mutual reaction of sulphur dioxide, oxygen, and bases in an aqueous medium. 1,992,681; Feb. 26.
- Von Girsewald, Conway B., W. Siecke, and M. Wohlwill, Frankfurt-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Method of and apparatus for condensing sulphuric acid. 2,017,676; Oct. 15.
- Von Grüber-Rehenburg, Rudolf, and R. Stöbe, assignors to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie G. m. b. H., Munich, Germany. Process and apparatus for reducing solvent losses in fabric cleaning. 2,001,656; May 14.
- Von Haase, George, Lakewood assignor to The American Ship Building Company, Cleveland, Ohio. Stoker. 1,995,047; Mar. 19.
- Von Hayn, Albert, Bad Homburg Vor der Höhe, Hesse-Nassau, Germany. Metal heel. 2,019,373; Oct. 29.
- Von Heinrich, Friedrich, assignor of one-half to National Bank of Hungary, Budapest, Hungary. Process and apparatus for applying ink to the printing plates of high speed copper printing machines. 1,989,121; Jan. 29.
- Von Henke, Edmund J., assignor to American Electric Fusion Corporation, Chicago, Ill. Apparatus for manufacturing welded tubing. 2,022,699; Dec. 3.
- Vonhof, Charles F. (See Knaster, B., and Vonhof.)
- Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Pick-off means for gumming machines. 2,008,374; July 16.
- Von Hoffmann-Ostenhof, Theodor, et al. (See Doux, Alfredo W., assignor.)
- Von Holtz, Charles T., assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn. Interlocking connection. 2,002,558; May 28.
- Von Holtz, Charles T., assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn. Adjustable neck reflector. 2,004,142; June 11.
- Von Issendorff, Jürgen, Berlin-Siemensstadt, and F. Netzs, Berlin-Charlottenburg, Germany, assignors to Westinghouse Electric and Manufacturing Company. Mercury vapor or noble gas rectifier with arc control. 2,003,023; Mar. 28.
- Von Issendorff, Jürgen, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, New York, N. Y. Arrangement in rectifying and inverting systems having rare gas or mercury vapor devices. 2,020,922; Nov. 12.
- Von Kreiser, Andreas, Frankfurt-on-the-Main, Germany. Producing coarse crystalline ammonium sulphate and product thereof. 2,021,093; Nov. 12.
- Von Le Juge, Serius, Bremen, Germany. Feed water degassing apparatus. 2,023,630; Dec. 10.
- Von Loutzkoy, Boris, Berlin, Germany. Monotrack vehicle. 1,989,573; Jan. 29.
- Von Mihály, Dénes, Berlin-Wilmersdorf, Germany. Apparatus for optical printing. 2,023,348; Dec. 3.
- Von Mihály, Dénes, Berlin, Germany. Portable sound film reproducing apparatus. 2,025,366; Dec. 24.
- Von Mihály, Dénes, Berlin-Wilmersdorf, Germany, assignor to the firm I. M. K. Syndicate Limited, London, England. Television apparatus. 1,998,347; Apr. 16.
- Vonnegut Hardware Company. (See Eichacker, Homer A., assignor.)
- Von Nessen, Walter, New York, N. Y., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Lamp. 1,989,122; Jan. 29.
- Von Nessen, Walter, New York, N. Y., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Ash receiver. 1,989,896; Feb. 5.
- Von Nessen, Walter, New York, N. Y., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Drip coffeepot. 1,998,645; Apr. 23.
- Von Normann, Alfred G., Seattle, assignor to Trumbull Electric Manufacturing Company, Pacific Division, Seattle, Wash. Electric switch. 2,007,911; July 9.
- Von Normann, Alfred G., assignor to Trumbull Electric Company, Pacific Division, Seattle, Wash. Electric switch. 2,018,476; Oct. 22.
- Von Oberstadt, Bopp, assignor of one-half to F. Liebhold, Berlin-Halensee, Germany. Compressor unit of a pulsator system. 1,990,680; Feb. 12.
- Von Ohlsen, Louis H., New Haven, Conn, assignor to The Safety Car Heating & Lighting Company. Electric regulation. 2,001,557; May 14.
- Von Opel, Fritz, Russelsheim-on-the-Main, Germany. Closed-cycle internal combustion engine and operating same. 2,017,481; Oct. 15.
- Von Pein, Edward J., Dayton, assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Low drum scale. 1,993,577; Mar. 5.
- Von Pein, Edward J., Dayton, Ohio, assignor to International Business Machines Corporation, New York, N. Y. Counting scale. 1,994,549; Mar. 19.
- Von Pein, Edward J., Dayton, Ohio, assignor to International Business Machines Corporation, New York, N. Y. Printing scale. 2,016,698; Oct. 8.
- Von Pein, Edward J., Dayton, assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Scale. 2,024,315; Dec. 17.
- Von Pein, Edward J., and E. A. Reussenzehn, Dayton, assignors, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Drum scale. 2,013,592; Sept. 3.
- Von Piotrowski, Wacław, and Józef Winkler, Drobobycz, Poland. Preparing valuable compounds from the waste products obtained in the refining of cracked mineral oils. 1,996,692; Apr. 2.
- Von Platen, Baltzar C. (See Alm, Johan E., assignor.)
- Von Schele, Paul H. (See Weidner, Carl, assignor.)
- Von Scheven, Waldemar H., Waterbury, Conn. Radio contact pin. 1,991,914; Feb. 19.
- Von Schick, Otto. (See Schoeller, W., and von Schick.)
- Von Schlippenbach, Felix F., Malaga, Spain, assignor to American Lurgi Corporation, New York, N. Y. Rotary hearth furnace. 2,018,242; Oct. 22.
- Von Schütz, Friedrich, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerie-en-Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Volume metering apparatus. 2,000,308; May 7.
- Von Segebaden, Ernst S. D., assignor to Aktiebolaget Formator, Stockholm, Sweden. Device for continuous compressing and drying of cigar bunches. 2,005,280; June 18.
- Von Seggern, Ernest A. (See von Seggern, Henry E. and E. A.)
- Von Seggern, Ernest A., Pasadena, Calif. Air cooling device. 2,020,923; Nov. 12.
- Von Seggern, Henry E. and E. A., Escondido, Calif. Water cooler. 1,987,881; Jan. 15.
- Von Seggern, Henry E. and E. A., Escondido, Calif. Chilling device. 1,996,777; Apr. 9.
- Von Seggern, Henry E. and E. A., Escondido, Calif. Cooling apparatus. 2,011,094; Aug. 13.
- Von Seld, Alex F., Jr., and A. Gumprecht, Hamburg, Germany. Air cooled cylinder for internal combustion engines. 1,997,502; Apr. 9.
- Von Soden-Fraunhofen, A. Graf, and A. Maier, assignors to Zahnradfabrik Friedrichshafen Aktiengesellschaft, Friedrichshafen, Germany. Clutch device for motor vehicles. 2,001,292; May 14.
- Von Soden-Fraunhofen, Alfred G., and A. Maier, assignors to Zahnradfabrik Friedrichshafen Aktiengesellschaft, Friedrichshafen, Bodensee, Germany. Power transmitting mechanism in motor driven vehicles. 2,012,292; Aug. 27.
- Von Sydow, Rudolf W., and E. J. McCoy, assignors to Apex Paper Products Corporation, Saginaw, Mich. Bottle capping machine. 1,994,736; Mar. 19.
- Von Sydow, Rudolf W., and E. J. McCoy, assignors to Apex Paper Products Corporation, Saginaw, Mich. Bottle capping machine. 2,015,913; Oct. 1.
- Von Till, Louis A., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Measuring device. 2,004,230; June 11.
- Von Toll, Eric, Columbus, Ohio. Means for illuminating stages and other objects. 2,016,467; Oct. 8.
- Von Vágó, Paul, and E. Uher, Budapest, Hungary. Said Uher assignor to said von Vágó. Hydraulic device. 2,001,336; May 14.
- Von Varendorff, Curt, Stettin, Germany. Mounting for glass panels. 1,998,796; Apr. 23.
- Von Wangenheim, Adolf. (See Russel, P. S., and von Wangenheim.)
- Von Wangenheim, Adolf, assignor to Detroit Lubricator Company, Detroit, Mich. Lubricating means. 1,987,277; Jan. 8.

- Von Wangenheim, Adolf, assignor to Detroit Lubricator Company, Detroit, Mich. Pumping means. 1,991,340; Feb. 12.
- Von Webern, Guido, Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Graining roll. 1,994,598; Mar. 19.
- Von Webern, Guido, and E. W. Hamant, Dayton, Ohio, assignors to Oxford Varnish Corporation, Detroit, Mich. Apparatus for graining. 1,994,493; Mar. 19.
- Von Webern, Guido, and E. W. Hamant, Dayton, Ohio, assignors to Oxford Varnish Corporation, Detroit, Mich. Vertical graining machine. 1,997,612; Apr. 16.
- Von Wedel, Carl J. R. H. (See Spanner, H. J., and von Wedel.)
- Von Wedel, Carl J. R. H., Newark, N. J., assignor to Electrons, Inc. Discharge tube. 2,011,922; Aug. 20.
- Von Wedel, Carl J. R. H., Newark, N. J., assignor to Electrons, Inc. Circuit for discharge tubes. 2,023,453; Dec. 10.
- Von Wilmsowsky, Felix F., New York, N. Y. Heavier-than-air flying machine. 2,014,457; Sept. 17.
- Von Wistinghausen, Lothar. (See Fink, H., Weber, and von Wistinghausen.)
- Von Wolforsdorf, Hans, deceased, Wheaton, Ill. J. von Wolforsdorf, administratrix. Can opener. 1,987,653; Jan. 15.
- Von Wolforsdorf, Hans, deceased, Wheaton, Ill. J. von Wolforsdorf, administratrix. Can opener. 2,008,430; July 16.
- Von Wolforsdorf, Johanna, administratrix. (See von Wolforsdorf, Hans.)
- Von Zimmermann, Max K., Elkhart, Ind. Drawing board. 1,987,382; Jan. 8.
- Von Zimmermann, Max K., Elkhart, Ind. Straight-edge. 2,006,285; June 25.
- Voorhees, Gardner T., Boston, Mass. Thermal process and apparatus. 1,998,693; Apr. 23.
- Voorhees Vanderveer. (See Adams, C. E., and Voorhees.)
- Voorhees, Vanderveer. (See Follin, E. E., and Voorhees.)
- Voorhees, Vanderveer. (See Plummer, W. B., and Voorhees.)
- Voorhees, Vanderveer, Hammond, Ind. Absorbent paper dispensing. 2,004,143; June 11.
- Voorhees, Vanderveer, Hammond, assignor to Standard Oil Company, Whiting, Ind. Conversion process. 2,005,118; June 18.
- Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Process and bath for pickling metals. 2,005,605; June 18.
- Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Light stable insecticide. 2,011,428; Aug. 13.
- Voorhis, Gordon, New York, assignor to Standard Soap Pulverizer, Inc., Rhinebeck, N. Y. Soap dispenser. 2,011,128; Aug. 13.
- Voorhis, Gordon, New York, assignor to Standard Soap Pulverizer, Inc., Rhinebeck, N. Y. Soap cake. 2,011,129; Aug. 13.
- Vorech, Stephen. (See Eaton, W. A., and Vorech.)
- Vorech, Stephen, and S. Johnson, Jr., assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Steering mechanism. 2,018,197; Oct. 22.
- Vorkauf, Heinrich, assignor, by mesne assignments, to the firm Herpen & Vorkauf, Berlin, Germany. Heat exchanger. 1,994,009; Mar. 12.
- Vorms, Armand, assignor to Société de l'Outillage R. B. V. (Société Anonyme Française), Paris, France. Apparatus for delivering flat elements one at a time, more especially for delivering envelopes to an obliterating machine. 2,004,882; June 11.
- Vortex Cup Company. (See Barbieri, Cesare, assignor.)
- Vortex Cup Company. (See Krein, Frederick T., assignor.)
- Vos, Oscar, New York, N. Y. Sealing device for containers. 2,019,106; Oct. 29.
- Vosbikian, Peter S., and T. S., Philadelphia, Pa., assignors to Keystone Tool Manufacturing Company. Hedge shears. 2,005,694; June 18.
- Vosbikian, Thomas S. (See Vosbikian, Peter S. and T. S.)
- Vosburgh, Charles H., Forest Hills, Assignor to H. W. Cole, New York, N. Y. Recovering carbon dioxide from a gas mixture. 2,017,779; Oct. 15.
- Vose, Lewis S., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle changing loom. 2,004,681; June 11.
- Vosler, Arthur E., Rochester, G. S. Helenbolt, and C. C. Wright, Middleport, N. Y., assignors to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y. Material handling system. 2,026,200; Dec. 31.
- Voss, Arthur. (See Jochum, K., Voss, Geler, and Dickhäuser.)
- Voss, Arthur, and E. Dickhäuser, Frankfurt-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Artificial masses and preparing them. 2,012,177; Aug. 20.
- Voss, Johann H. H., White Plains, N. Y. Condenser for refrigerating systems. 1,993,390; Mar. 5.
- Voss, John, assignor of one-third to A. I. Epton and one-third to H. A. Steinmeyer, Chicago, Ill. Beer apparatus. 2,007,488; July 9.
- Voss, John H., Downers Grove, and H. N. Newstedt, Chicago, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,020,816; Nov. 12.
- Voss, Julius, assignor to Kalle & Co., Aktiengesellschaft, Weisbaden-Blebrich, Germany. Treating regenerated cellulose articles. 2,006,661; July 2.
- Voss & Sasse, Stuhlfabriken. (See Niederkrom, August, assignor.)
- Voss, Walter, Berlin-Neukölln, Germany. Closure for heat-insulated containers. 1,988,223; Jan. 15.
- Voss, Walter, Berlin-Neukölln, Germany. Match safe. 1,997,128; Apr. 9.
- Voss, Walter, Berlin-Neukölln, Germany. Catamenial bandage. 2,019,835; Nov. 5.
- Voss, Walter K., Davenport, Iowa. Ironing machine. 1,991,991; Feb. 19.
- Votypka, John, assignor to Lebaron Detroit Company, Detroit, Mich. Vehicle body and top construction. 2,000,626; May 7.
- Vredenburg, Julius C. (See Hutton, Horatio W., assignor.)
- Vreeland, Charles S., Jr., assignor of three-fourths to Tide Water Oil Company, Bayonne, N. J. Soldering machine. 1,996,131; Apr. 2.
- Vroom, Edward, Ossining, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,014,215; Sept. 10.
- Vroom, Guysbert B., New York, N. Y. Method of and apparatus for sealing mediums from escape. 1,997,613; Apr. 16.
- Vroom, Guysbert B., New York, N. Y. Method and apparatus for making a brush for cleaning boiler and condenser tubes and the like. 2,025,795; Dec. 31.
- Vrooman, Edward C., Schenectady, N. Y., assignor to Locke Insulator Corporation, Baltimore, Md. Flashing aviation beacon. 1,998,107; Apr. 16.
- Vrooman, Edward C., Schenectady, N. Y., assignor to Locke Insulator Corporation, Baltimore, Md. Guy insulating and grading means. 2,003,225; May 28.
- Vulcan Corporation, The. (See Clausing, George, assignor.)
- Vulcan Iron Works. (See Gatchel, Walter E., assignor.)
- Vulcan Soot-Blower Corporation. (See Arey, Fred C., assignor.)
- Vulcan Soot Blower Corporation. (See Arey, F. C. and Hibner, assignors.)
- Vulcan Soot Blower Corporation. (See Arey, F. C., and Hibner, Jr., assignors.)
- Vullich, Jack. (See Marusich, Marko M., assignor.)
- Vultex Corporation of America. (See Elwell, Harvey J., assignor.)
- W-B Chemical Company. (See Wilson, Ernest D., assignor.)
- W-K-M Company. (See Laurent, Milton P., assignor.)
- Waalkes, Gerrit, Highland Park, Mich., assignor to Anchor Steel & Conveyor Company. Turntable. 2,025,320; Dec. 24.
- Wach, Hans, Wesermünde-Lehe, Germany. Combined reciprocating engine and turbine. 2,007,032; July 2.
- Wachs, Frank C., Milwaukee, Wis. Game. 1,995,786; Mar. 26.
- Wachs, Frank C., Milwaukee, Wis. Hospital appliance. 1,998,061; Apr. 16.
- Wachsman, Jacob, Brooklyn, N. Y. Knitting machine. 2,013,529; Sept. 3.
- Wachter, August, Weingarten in Württemberg, Germany. Universal flanging and bending machine. 2,025,222; Dec. 24.
- Wack, Henry K., assignor to John I. Paulding, Inc., New Bedford, Mass. Attachment plug receptacle. 1,986,652; Jan. 1.
- Wack, Henry K., assignor to John I. Paulding, Inc., New Bedford, Mass. Electric lamp receptacle. 2,001,657; May 14.
- Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie, G. m. b. H. (See Halbig, P., and Käufer, assignors.)
- Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie G. m. b. H. (See von Grüber-Rehenbürg, R., and Stöbe, assignors.)
- Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie G. m. b. H. (See Wolff, Georg, assignor.)
- Wackman, Louis B., St. Louis, Mo. Removable head for metal containers and sealing means therefor. 1,994,374; Mar. 12.
- Wackman, Louis B., St. Louis, Mo. Closure for containers carrying a solid or semisolid content. 2,010,447; Aug. 6.
- Waddell, Carlyle J. (See Arnott, L. R., Armfield, and Waddell.)
- Waddell, Clarence W., Dallas, Tex. Building construction form. 2,008,162; July 16.
- Waddell Manufacturing Company. (See Whinery, Ingle B., assignor.)
- Waddey, George I., Nashville, Tenn. Pneumatic vehicle window device. 1,990,624; Feb. 12.
- Waddington, William B. (See Chapman, E., and Waddington.)
- Wade, Arthur C., assignor to Standard Oil Company (Indiana), Chicago, Ill. Valve construction. 2,017,824; Oct. 15.
- Wade, David E., Albany, N. Y. Ink well and pen filling device. 2,000,501; May 7.
- Wade, Henry N., Los Angeles, Calif. Apparatus for dispensing highly volatile liquids. 2,021,394; Nov. 19.
- Wade, Henry N., assignor to Parkhill-Wade, Incorporated, Los Angeles, Calif. Cooling tower. 1,986,653; Jan. 1.

- Wade, Henry N., assignor to Parkhill-Wade Incorporated, Los Angeles, Calif. Dispensing system for volatile liquids. 1,989,030; Jan. 22.
- Wade, James T., Ogden, Utah. Hydraulic brake. 1,992,848; Feb. 26.
- Wade, James T., Ogden, Utah. Safety headlight or spotlight. 2,024,897; Dec. 17.
- Wade, John R., San Francisco, Calif. Boiler. 2,007,230; July 9.
- Wade, Thomas G., Greensboro, N. C. Rural free delivery letter box. 2,002,423; May 21.
- Wade, Wallace G. (See Freeman, H. M., and Wade.)
- Wade, William L., Howard, Kans. Toy construction set. 2,022,261; Nov. 26.
- Wadman, Harold A., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Electric glass supply apparatus and controlling the same. 1,999,744; Apr. 30.
- Wadsworth, Frank L. O. (See Angell, R. C., and Wadsworth.)
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Bendix Aviation Corp., South Bend, Ind. Brake. 2,009,101; July 23.
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,012,647; Aug. 27.
- Wadsworth, George B., Company, The. (See Wadsworth, George E., assignor.)
- Wadsworth, George E., Erlanger, Ky., assignor to The George B. Wadsworth Company, Cincinnati, Ohio. Meter test switch. 2,020,486; Nov. 12.
- Wadsworth, Leslie H., Magna, assignor to The Selector Corporation, Salt Lake City, Utah. Check selecting apparatus. 2,026,262; Dec. 31.
- Wadsworth, Paul W., Lindenbush, and C. C. Taylor, Bay-side, N. Y., said Wadsworth assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., and said Taylor assignor to American Telephone and Telegraph Company. Electrical signaling. 2,020,487; Nov. 12.
- Waechter, Walter E., San Francisco, Calif. Tag holder. 1,997,025; Apr. 9.
- Waffenfabrik Solothurn A.-G. (See Herlach, Fritz and H., assignors.)
- Waffenfabrik Solothurn A.-G. (See Herlach, Heinrich, assignor.)
- Waffenfabrik Solothurn A.-G. (See Herlach, H. and F., assignors.)
- Waffenfabrik Solothurn A. G. (See Rakula, T., and Herlach, assignors.)
- Wagenhorst, James H., Detroit, Mich. Vehicle wheel. 1,994,375; Mar. 12.
- Wagenhorst, James H., Detroit, Mich. Arc lamp. 2,024,318; Dec. 17.
- Wagenseller, Paul W., Chicago, Ill. Condenser. 1,994,934; Mar. 19.
- Wagman, Morris H., Norwalk, Conn. Ornamentation and method for the same. 2,020,007; Nov. 5.
- Wagner, Cary R., assignor to The Pure Oil Company, Chicago, Ill. Fractionating gasoline-like hydrocarbons. 1,988,061; Jan. 15.
- Wagner, Charles F. (See Dovjikov, A. D., Fortescue, and Wagner.)
- Wagner, Charles F., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control means for electrical apparatus. 2,010,571; Aug. 6.
- Wagner, Charles H. (See Jones, E. A., and Wagner.)
- Wagner, Charles H., Washington, D. C., assignor to The Highway Trailer Company, Edgerton, Wis. Trailer vehicle support and locking means therefor. 2,016,468; Oct. 8.
- Wagner, Charles L. (See Hunicke, C. C., and Wagner.)
- Wagner, E. R., Manufacturing Company. (See Miller, Swift, assignor.)
- Wagner, E. R. Manufacturing Company. (See Wagner, Robert S., assignor.)
- Wagner Electric Corporation. (See Baker, Paul W., assignor.)
- Wagner Electric Corporation. (See Brunner, Albert, assignor.)
- Wagner Electric Corporation. (See Burnite, James H., assignor.)
- Wagner Electric Corporation. (See Cox, John C., assignor.)
- Wagner Electric Corporation. (See Dick, Burns, assignor.)
- Wagner Electric Corporation. (See Dick, B., and Schnell, assignors.)
- Wagner Electric Corporation. (See Doelling, George L., assignor.)
- Wagner Electric Corporation. (See Kelpel, Walter F., assignor.)
- Wagner Electric Corporation. (See Okenfuss, Wilfred A., assignor.)
- Wagner Electric Corporation. (See Papin, Joseph E., assignor.)
- Wagner Electric Corporation. (See Potter, Charles P., assignor.)
- Wagner Electric Corporation. (See Schnell, Steve, assignor.)
- Wagner Electric Corporation. (See Wechsel, Hans, assignor.)
- Wagner, Erich, Berlin, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Printer carriage controls for cash registers. 2,019,750; Nov. 5.
- Wagner, Ernest, Paris, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed controlled brake. 2,024,672; Dec. 17.
- Wagner, Frank J. (See Kirby, W. W., Scott, and Wagner.)
- Wagner, Fred W. (See Campbell, R. W., and Wagner.)
- Wagner, Frederick H., Baltimore, Md., assignor to The Bartlett Hayward Company. Dust collector. 2,005,305; June 18.
- Wagner, Frederick P. (See Brauer, A. J., and Wagner.)
- Wagner, Frederick P., assignor of one-half to A. J. Brauer, St. Louis, Mo. Shoe. 2,005,071; June 18.
- Wagner, Georges, St.-Etienne, France. Machine for inserting and removing boiler tubes. 2,013,933; Sept. 10.
- Wagner, Gerritt, Orange City, Iowa. Piston. 2,005,702; June 18.
- Wagner, Harlan A., Ruthven, Iowa. Bail holder. 2,004,542; June 11.
- Wagner, Harry A. (See Grine, H. A., Reid, and Wagner.)
- Wagner, Heinrich, H. Krzikalla, and A. Kirsch, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyeing animal fibers. 2,001,992; May 21.
- Wagner, Herbert A., Chantolane, Md. Apparatus for aligning vehicles with reference to fixed road conditions. 2,018,770; Oct. 29.
- Wagner, Howard J. (See Morris, F. E., and Wagner.)
- Wagner, Irving G., assignor of one-half to J. J. Dietmeyer, Waukegan, Ill. Gun sight. 2,007,437; July 9.
- Wagner, Karl F., Stuttgart, Germany. Light metal piston. 2,024,958; Dec. 17.
- Wagner, Ludwig W., Chicago, assignor to S. E. Miller, Aurora, Ill. Duplicator. 1,996,445; Apr. 2.
- Wagner, Ludwig W., Chicago, assignor to S. Eugene Miller, Aurora, Ill. Gravity duplicator. 2,013,259; Sept. 3.
- Wagner, Matthew, Los Angeles, Calif. Apparatus for casting hollow articles. 2,023,212; Dec. 3.
- Wagner, Max, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Change speed gear mechanism for motor vehicles. 2,001,082; May 14.
- Wagner, Max, Stuttgart, assignor to Daimler Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Motor vehicle. 2,015,700; Oct. 1.
- Wagner, Oskar. (See Böckmuhl, M., Knoll, and Wagner.)
- Wagner, Paul G., Los Angeles, Calif. Pipe plugging device. 1,997,878; Apr. 16.
- Wagner, Paul G., Los Angeles, Calif. Fruit juice container and mixer. 2,018,389; Oct. 22.
- Wagner, Richard, Jr. (See Greene, M., Halligan and Wagner.)
- Wagner, Richard L., New York, N. Y., assignor to The Chemical Foundation, Incorporated. Isolating gland extracts. 1,986,866; Jan. 8.
- Wagner, Robert E., Lakewood, Ohio. Holding means for pivotally connected parts. 1,986,307; Jan. 1.
- Wagner, Robert E., Lakewood, Ohio. Book support. 2,017,518; Oct. 15.
- Wagner, Robert S., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Driving device for fasteners. 2,025,185; Dec. 24.
- Wagner, Walter C., Ardmore, Pa. Penalizing meter. 1,993,313; Mar. 5.
- Wagner, Walter C., Ardmore, Pa., and G. B. Schleicher, Clementon, N. J. Antitampering meter. 2,002,968; May 28.
- Wagner, William, Canajoharie, N. Y. Pressure gauge. 2,011,264; Aug. 13.
- Wagner, William E., Alton, assignor to Western Cartridge Company, East Alton, Ill. Propellant powder. 2,008,888; July 23.
- Wagner, William E., Kilworthy, Ontario, Canada, assignor to Western Cartridge Company, East Alton, Ill. Propellant powder. 2,008,889; July 23.
- Wagner, Willys P., Terre Haute, Ind. Automobile body construction. 1,988,346; Jan. 15.
- Wagnon, Hamilton D., Portland, Oreg. Beater. 1,988,820; Jan. 22.
- Wagon, Jean, Paris, France. Machine for and method of forming tapes. 1,990,849; Feb. 12.
- Wahl, Arthur M. (See Arnold, E. E., and Wahl.)
- Wahl, Charles B., assignor to The United Gas Improvement Company, Philadelphia, Pa. Expandable plug wrench. 2,011,508; Aug. 13.
- Wahl Clipper Corporation. (See Wahl, Leo J., assignor.)
- Wahl Company, The. (See Keeran, Charles R., assignor.)
- Wahl Company, The. (See Stenersen, Albert H., assignor.)
- Wahl, James C., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Brake. 2,020,667; Nov. 12.
- Wahl, Justin K. (See Moore, W. B., and Wahl.)
- Wahl, Leo J., assignor to Wahl Clipper Corporation, Sterling, Ill. Hair drier. 2,017,929; Oct. 22.
- Wahl, Leo J., assignor to Wahl Clipper Corporation, Sterling, Ill. Hair clipper. 2,025,137; Dec. 24.
- Wahl, Ottmar. (See Ulrich, H., Koerding, and Wahl.)
- Wahl, Ottmar, Leverkusen-I. G.-Werk, W. Müller, Cologne-on-the-Rhine, and R. Fingado, Leverkusen-Wiesdorf, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the triarylmethane series. 2,003,407; June 4.
- Wahlberg, Nils A., Wilkinsburg, and R. R. Lockwood, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Trolley frog. 2,020,924; Nov. 12.
- Wahlbom, Ernest T., L. C. Lind, and P. C. Wahlbom, Rockford, Ill. Valve device. 1,986,489; Jan. 1.

- Wahlbom, Philip C. (See Wahlbom, E. T., Lind, and Wahlbom.)
- Wahlbin, Fritz, assignor to Binks Manufacturing Company, Chicago, Ill. Spray gun. 2,004,303; June 11.
- Wahlmark, Gunnar A., Rockford, Ill. Seal for pumps. 2,015,979; Oct. 1.
- Wahlmark, Gunnar A., assignor of one-third to E. J. Srenson and one-third to C. H. Rystrom, Rockford, Ill. Carburetor. 1,995,110; Mar. 19.
- Wahlstrom, Axel M., Minneapolis, Minn. Cigarette kit. 2,026,367; Dec. 31.
- Wahlstrom, Charles G., Washington, D. C. Rotary turbine motor. 2,019,879; Nov. 5.
- Wahlstrom, Frank O. (See Barrett, Urshel W., assignor.)
- Waide, Merrill, New York, assignor to Natural-Color Inc., Long Island City, N. Y. Optical system for natural color cinematography. 2,017,190; Oct. 15.
- Wailes Dove-Hermiston Corporation. (See Focha, William F., assignor.)
- Wainford, Richard H., Trenton, N. J. Mechanical movement. 2,001,755; May 21.
- Wainford, Richard H., Trenton, N. J. Valve for pumps and other fluid circulation apparatus or lines. 2,021,532; Nov. 19.
- Wainford, Richard H., Trenton, N. J. Pump. 2,023,559; Dec. 10.
- Wainwright, Walter, Brooklyn, N. Y. Plug for tubes. 2,024,319; Dec. 17.
- Wainwright, Carlyle H. (See Bentley, P. A., Manger, and Wainwright.)
- Waisner, Bertha, executrix. (See Waisner, Horace L.)
- Waisner, Horace L., deceased, Rockford, Ill., B. Waisner, executrix, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Torque transmitting member and method for producing the same. 1,998,108; Apr. 16.
- Waisner, Horace L., Rockford, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Propeller shaft. 2,024,671; Dec. 17.
- Wait, John C. (See Wait, Justin F., assignor.)
- Wait, Justin F., New York, N. Y. Forming castings. 1,996,181; Apr. 2.
- Wait, Justin F., New York, N. Y., assignor to J. C. Wait, New York, N. Y. Cleaning. 2,009,365; July 23.
- Wait, Justin F., assignor to J. C. Wait, New York, N. Y. Purification of hydrocarbons. 2,009,366; July 23.
- Wait, Lillian S., San Francisco, Calif. Petite pie pan. 2,007,263; July 9.
- Waite Carpet Company. (See Kadlec, Charles, assignor.)
- Waite Carpet Company. (See Schomer, Henry J., assignor.)
- Waite, Charles C., Roselle Park, assignor to Sneed & Company, Jersey City, N. J. Library conveyer system. 1,991,237; Feb. 12.
- Waite, Charles C., Roselle Park, assignor to Sneed & Company, Jersey City, N. J. Bracket bookstack. 2,025,138; Dec. 24.
- Waite, Charles F., Somerville, Mass., assignor of one-half to A. W. Johnston, Bridgeport, Conn. Rotary pump. 2,018,692; Oct. 29.
- Waite, Charles F., assignor of one-half to Archibald W. Johnston, Stamford, Conn. Dispensing apparatus. 2,018,693; Oct. 29.
- Waite, Harry F., New York, N. Y. Casing for X-ray apparatus. 2,025,139; Dec. 24.
- Waite, Henry L., Boone County, Ark. Tie fastener. 2,017,379; Oct. 15.
- Waite, William H., Lynbrook, assignor to Dictograph Products Company, Inc., Jamaica, Long Island, N. Y. Signal telephone system. 2,007,990; July 16.
- Waits, Charles M., Fullerton, Calif. Adjustable combined extension and suspension structure. 1,991,303; Feb. 12.
- Wakefield, C. C., & Company. (See Bliss, John, assignor.)
- Wakefield, Harold F., Newark, N. J., assignor to Bakelite Corporation, New York, N. Y. Making reactive resin compositions. 1,997,614; Apr. 16.
- Wakefield, Leon L., Los Angeles, Calif., assignor to The Texas Company, New York, N. Y. Consuming fumes. 1,992,136; Feb. 19.
- Wakelin, Alfred J., Brighton, England. Means for casting billets. 1,988,062; Jan. 15.
- Waker, Hermann, assignor to United American Bosch Corporation, Springfield, Mass. Combined lamp and horn. 1,993,765; Mar. 12.
- Wakker, Charles H. (See Briner, E., and Wakker.)
- Waksmundzka, Maria G., Washington, D. C. Girdle. 2,022,751; Dec. 3.
- Walach, Bruno. (See Scheuing, G., and Walach.)
- Walbinger, Else, Darmstadt, Germany. Colored picture and device for producing such picture. 1,986,654; Jan. 1.
- Walch, Henri, Paris, France, assignor to The DeLaval Separator Company, New York, N. Y. Centrifugal treatment of voscoses. 2,019,944; Nov. 5.
- Walcher, Alfred, assignor to American Steel Foundries, Chicago, Ill. Quenching wheels and the like. 2,019,281; Oct. 29.
- Walcott, Inez M., et al. (See Early, James W., assignor.)
- Wald, George, Mount Clemens, Mich. Radiotransmission. 2,026,005; Dec. 31.
- Wald Manufacturing Company. (See Pawsat, Ewald F., assignor.)
- Walden, George B., assignor to Eli Lilly and Company, Indianapolis, Ind. Antianemic substance and making it. 2,020,267; Nov. 5.
- Walden, Lester D., Los Angeles, Calif. Telegraph-code tape punch. 1,998,946; Apr. 23.
- Walden, Lester M. (See Goetz, M. T., and Walden.)
- Walden, Lester M., assignor to Teletype Corporation, Chicago, Ill. Control unit for line casting and composing machines. 2,006,848; July 2.
- Walder, Emil, Philadelphia, Pa., assignor to National Stamping & Electric Works, Chicago, Ill. Thermostatic switch. 2,008,163; July 16.
- Walder, Jacob. (See Baer, Oscar, assignor.)
- Waldes & Ko. (See Lorenz, Franz, assignor.)
- Waldes Koh-I-Noor, Inc. (See Silberman, David, assignor.)
- Waldheim, John, Elizabeth, N. J. Measuring and dispensing device. 2,025,796; Dec. 31.
- Waldman, Harry A., Long Island City, N. Y. Partition. 1,994,203; Mar. 12.
- Waldman, Herman C., St. Louis, Mo. Door actuating mechanism. 2,012,440; Aug. 27.
- Waldman, John F., Enid, Okla. Direction signal. 2,008,051; July 16.
- Waldman, Nathan, et al. (See Goldwyn, G. I., and Waldman, assignor.)
- Waldo, George W., Brooklyn, N. Y. Internal combustion engine. 1,988,674; Jan. 22.
- Waldorf Paper Products Company. (See Boeye, Paul F., assignor.)
- Waldorf Paper Products Company. (See Guyer, Reynolds, assignor.)
- Waldorf Paper Products Company. (See Sandberg, Nels H., assignor.)
- Waldron, Charles R. (See Waldron, Floyd L., and C. R.)
- Waldron, Frederic B., Prescott, assignor to Pilkington Brothers Limited, Liverpool, England. Leer with roller beds. 2,014,302; Sept. 10.
- Waldron, Frederic B., Prescott, assignor to Pilkington Brothers Limited, Liverpool, England. Glass polishing tools. 2,019,204; Oct. 29.
- Waldron, Frederic B., Prescott, assignor to Pilkington Brothers Limited, Liverpool, England. Glass grinding apparatus. 2,019,205; Oct. 29.
- Waldron, Floyd L. and C. R., Huron, Ohio. Bean pod cutter. 1,991,267; Feb. 12.
- Waldron, John, Corporation. (See Banner, Otto A., assignor.)
- Waldron, John, Corporation. (See Burt, John S., assignor.)
- Waldron, John, Corporation. (See Case, John J., assignor.)
- Waldron, John, Corporation. (See Dickhaut, Charles A., assignor.)
- Waldron, John, Corporation. (See Dunham, John R., assignor.)
- Waldron, John, Corporation. (See Willis, Charles C., assignor.)
- Waldron, Richard C., Clifton, assignor to The Okonite Company, Passaic, N. J. Terminal insulator. 2,017,519; Oct. 15.
- Waldron, William R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing indigo. 2,020,387; Nov. 12.
- Waldschmidt, Ernest, Berlin, Germany. Producing electron bulbs with high emission cathodes. 2,016,699; Oct. 8.
- Wales, Earl A., Cleveland, Ohio, assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Torque transmitting mechanism. 2,016,305; Oct. 8.
- Wales, George F., Buffalo, N. Y. Adjustable perforating die. 2,013,976; Sept. 10.
- Wales, George F., Kenmore, assignor to American Radiator Company, New York, N. Y. Band member. 1,989,219; Jan. 29.
- Wales, Jess P., assignor to The Mine and Smelter Supply Company, Denver, Colo. Grinding mill. 2,014,640; Sept. 17.
- Walgreen, Charles R., Jr., assignor to Walgreen Co., Chicago, Ill. Card playing device. 2,002,593; May 28.
- Walgreen Co. (See Johnston, Merriott T., assignor.)
- Walgreen Co. (See Walgreen, Charles R., Jr., assignor.)
- Walitzky, Abraham, New York, N. Y., assignor of one-half to L. M. Bayer, Hand bag. 2,009,077; July 23.
- Walkem Corporation. (See Davis, Joseph, and D. J., assignors.)
- Walker, Albert C., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical conductor. 2,000,428; May 7.
- Walker, Arthur T., Berkeley, Calif. Dowel lapping machine. 2,012,555; Aug. 27.
- Walker, Avery W., assignor to The Carborundum Company, Niagara Falls, N. Y. Sanding drum. 1,992,105; Feb. 19.
- Walker, Brooks, Piedmont, Calif. Vehicle lifting and traversing device. 1,990,150; Feb. 5.
- Walker, Brooks, Piedmont, Calif. Motor vehicle lifting and traversing device. 2,002,724; May 28.
- Walker, Brooks, Piedmont, Calif. Vehicle lifting and traversing device. 2,005,173; June 18.
- Walker, Brooks, Piedmont, Calif. Fuel injection system for internal combustion engines. 2,016,619; Oct. 8.
- Walker, Brooks, Piedmont, and H. D. Kennedy, Berkeley, Calif. Electrical fuel injection system for internal combustion engines. 2,018,159; Oct. 22.
- Walker, Brooks, Piedmont, and H. E. Kennedy, Berkeley, assignors of one-third to Clinton L. Walker, Piedmont, Calif. Fuel metering or injecting and controlling system for internal combustion engines. 1,999,221; Apr. 30.

- Walker Cement Products, Inc. (See Dietrichs, Charles, assignor.)
- Walker, Charles, Knoxville, Tenn. Street car signaling device. 1,996,662; Apr. 2.
- Walker, Charles, Knoxville, Tenn. Strip-serving machine. 1,996,663; Apr. 2.
- Walker, Charles, Knoxville, Tenn. Safety pencil holder. 1,996,664; Apr. 2.
- Walker, Charles, Knoxville, Tenn. Stamp vending and dispensing machine. 1,996,665; Apr. 2.
- Walker, Charles, Knoxville, Tenn. Vending machine. 1,999,887; Apr. 30.
- Walker, Charles, Knoxville, Tenn. Filling station pump. 2,024,320; Dec. 17.
- Walker, Charles H., Detroit, Mich. Glass gasket strip. 1,986,694; Jan. 1.
- Walker, Charles W., Toronto, Ontario, Canada. Milk bottle washing machine. 2,011,786; Aug. 20.
- Walker, Charles E., Catskill, N. Y. Brick mold. 2,015,980; Oct. 1.
- Walker, Clinton L. (See Walker, B., and Kennedy, assignors.)
- Walker, Clinton L., Piedmont, Calif. Deep well drilling and coring system. 1,996,132; Apr. 2.
- Walker, Curry O. (See Walper, Gordon R., assignor.)
- Walker Dishwasher Corporation. (See Clark, Jesse H., assignor.)
- Walker Dishwasher Corporation. (See Huppmann, Karl K., assignor.)
- Walker Dishwasher Corporation. (See Snyder, Carl M., assignor.)
- Walker Dishwasher Corporation. (See Snyder, C. M., and Clark, assignors.)
- Walker Dishwasher Corporation. (See Snyder, C. M., and Walker, assignors.)
- Walker, Edmund R., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Unit heater. 2,025,426; Dec. 24.
- Walker, Edward, and H. Crickler, Santa Ana, Calif., said Crickler assignor to said walker. Ironing device. 2,015,093; Sept. 24.
- Walker, Edward J., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Spring clip. 1,998,296; Apr. 16.
- Walker, Emery L., Wauwatosa, and J. W. Kleckhefer, Milwaukee, assignors to Kleckhefer Container Company, Milwaukee, Wis. Manufacturing containers. 2,017,331; Oct. 15.
- Walker, Ernest A. (See Bath, S. W., and Walker.)
- Walker, Forrest A. (See Snyder, C. M. and Walker.)
- Walker, Frank A., Tonawanda, N. Y. Control device. 2,023,250; Dec. 3.
- Walker, Frank L. (See Flewelling, Edmund T., assignor.)
- Walker, Fred, assignor to John Jochimowicz, Morris, Ill. Bung and faucet lock. 1,996,182; Apr. 2.
- Walker, George, assignor to The Jacobs Bros. Co. Inc., Brooklyn, N. Y. Scale. 2,023,864; Dec. 10.
- Walker, George L., Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Torch. 2,008,232; July 16.
- Walker, George L., Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for cleaning tire molds. 2,017,423; Oct. 15.
- Walker, Harold L., assignor to The Jacobs Bros. Co. Inc., Brooklyn, N. Y. Coin controlled scale. 2,004,179; June 11.
- Walker, Harry E., Fairfield, Maine. Separable connector. 1,985,963; Jan. 1.
- Walker, Henry, et al. (See Kelley, Edward M., assignor.)
- Walker, Henry, Wilmington, assignor of one-third to S. C. Dillon, and one-third to E. M. Kelley, Wilmington, Del. Baseball game. 2,008,052; July 16.
- Walker, Herbert W. (See Calcott, W. S., Douglass, and Walker.)
- Walker, Herbert W. (See Downing, F. B., and Walker.)
- Walker, Hervey S., Ardmore, Pa. Armored cable. 1,995,407; Mar. 26.
- Walker, Hervey S., Ardmore, Pa. Underfloor duct system. 2,002,068; May 21.
- Walker, Hubert, Elmira, N. Y., and H. Boysen, Philadelphia, Pa., assignors to American La France and Foamite Corporation. Frame chock for automotive vehicles. 2,020,489; Nov. 12.
- Walker, James B., Greenwood, S. C., assignor to The Texas Company, New York, N. Y. Lubricant testing and demonstrating device. 1,991,713; Feb. 19.
- Walker, James H., Detroit, Mich., assignor to American Engineering Company, Philadelphia, Pa. Control apparatus for furnace air. 2,013,704; Sept. 10.
- Walker, James P. (See Meyer, P. H., Bethke and Walker.)
- Walker, James P., Maywood, assignor to Solar-Sturges Mfg. Co., Melrose Park, Ill. Milk can. 2,022,063; Nov. 26.
- Walker, Jay P., and E. R. Williams, assignors to National Tank Company, Tulsa, Okla. Liquid and gas separator. 1,986,168; Jan. 1.
- Walker, John, Westfield, N. J., assignor to International Motor Company, New York, N. Y. Trailer bolster. 1,995,695; Mar. 26.
- Walker, John, Westfield, N. J., assignor to International Motor Company, New York, N. Y. Armored car ventilating system. 2,012,594; Aug. 27.
- Walker, John C., Eldorado, Kans., assignor, by mesne assignments, to The Tretolite Company, Webster Groves, Mo. Breaking of oil-water emulsions. 2,000,725; May 7.
- Walker, John C., Eldorado, Kans., assignor, by mesne assignments, to The Tretolite Company, Webster Groves, Mo. Breaking of oil-water emulsions. 2,000,825; May 7.
- Walker, John C., Eldorado, Kans., assignor to Empire Oil & Refining Company, Bartlesville, Okla. Producing hydrocarbon-oxygen compounds. 2,007,115; July 2.
- Walker, John C., Tallant, assignor to Empire Oil & Refining Company, Bartlesville, Okla. Oxidizing hydrocarbons. 2,007,116; July 2.
- Walker, John H., Camp Hill, assignor, by mesne assignments, of one-half to M. C. Dunn, Philadelphia, Pa. Emergency lighting and power unit. 2,007,415; July 9.
- Walker, Joseph, Topeka, Kans. Electric plug. 2,015,504; Sept. 24.
- Walker, Joseph B., Los Angeles, Calif. Dissolve device for cameras. 1,991,530; Feb. 19.
- Walker, Joseph P., Perth Amboy, N. J., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Stabilization of formaldehyde solutions. 2,000,152; May 7.
- Walker, Lawrence H., and D. E. Hunter, assignors to The Shaw-Walker Company, Muskegon, Mich. Sheet metal case. 1,987,764; Jan. 15.
- Walker, Louis E. Q. (See Dowsett, H. M., and Walker.)
- Walker, Louis E. Q. (See Dowsett, H. M., Walker, and Levin.)
- Walker Manufacturing Company. (See Mizer, Joseph J., assignor.)
- Walker Manufacturing Company. (See Walker, Willard T., assignor.)
- Walker, Prescott H. (See Benner, R. C., Walker, and Soley.)
- Walker, Ralph M., Atlanta, Ga. Lockable meter box. 2,007,065; July 2.
- Walker, Raymond, and J. J. Wolfersperger, Webster Groves, Mo. Gas fired boiler. 1,993,725; Mar. 5.
- Walker, Richard A., St. Joseph, Mo. Sheet metal pipe section and making same. 2,009,568; July 30.
- Walker, Robert C., Scarsdale, assignor to Remington Rand Inc., Buffalo, N. Y. Book stack. 2,003,670; June 4.
- Walker, Robert C., Scarsdale, assignor to Remington Rand Inc., Buffalo, N. Y. Book stack construction. 2,003,671; June 4.
- Walker, Robert S., Bellefonte, Pa., assignor to Electro Lime & Ice Corporation, Wilmington, Del. Treating limestone. 2,015,642; Sept. 24.
- Walker, Russell S., Duluth, Minn. Culinary instrument. 2,026,078; Dec. 31.
- Walker-Turner Company. (See Ocenasek, William F., assignor.)
- Walker, Walter E., Wonalancet, N. H. Antifreeze saver. 2,021,213; Nov. 19.
- Walker, Warren R., Short Hills, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Method of and apparatus for reducing contact resistance. 2,009,213; July 23.
- Walker, Willard T., assignor to Walker Manufacturing Company, Racine, Wis. Hydraulic jack. 2,018,506; Oct. 22.
- Walker, William B., Roxboro, N. C. Method and apparatus for operating in a spinning or other room. 2,003,911; June 4.
- Wall, Byron T., Raymond, Alberta, Canada. Safety ash tray. 2,005,606; July 18.
- Wall, Edith C. (See Downing, Maud M., assignor.)
- Wall, Edmund L., Detroit, Mich., assignor, by mesne assignments, to R. W. Glasner, Chicago, Ill. Universal tracer. 1,997,890; Apr. 16.
- Wall, Edmund L., Detroit, Mich., assignor, by mesne assignments, to R. W. Glasner, Chicago, Ill. Universal die sinking attachment for horizontal milling machines. 1,997,891; Apr. 16.
- Wall, Edmund L., Detroit, Mich., assignor to Rudolph W. Glasner, Chicago, Ill. Duplicating machine. 1,997,892; Apr. 16.
- Wall, Edmund L., Detroit, Mich., assignor to R. W. Glasner, Chicago, Ill. Duplicating machine. 2,007,231; July 9.
- Wall, Edmund L., Detroit, Mich., assignor, by mesne assignments, to R. W. Glasner, Chicago, Ill. Automatic carriage control for duplicating machines. 2,007,232; July 9.
- Wall, Samuel A. (See Brunner, E. H., and Wall.)
- Wall, Thomas L. (See Orcutt, J. W., Stearns, and Wall.)
- Wallace, Alexander, New Rochelle, assignor of two-fifths to L. H. Saper and M. Cohen, New York, N. Y. Tool. 2,003,061; May 28.
- Wallace, Allen. (See Keen, J. S., Wallace, and Elliott.)
- Wallace, Allen, Moorestown, N. J. Articulated joint. 2,013,546; Sept. 3.
- Wallace, Archibald L., Long Island, N. Y. Metal cutting tool. 2,007,355; July 9.
- Wallace Barnes Company. (See Andrew, John E., assignor.)
- Wallace, Bert E., Barrington, Ill. Beverage dispensing apparatus. 2,014,824; Sept. 17.
- Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Weighing apparatus. 1,986,308; Jan. 1.

- Wallace, Charles F., Westfield, N. J., assignor to Wallace Tiernan Products, Inc., Belleville, N. J. Electric motor. 1,995,270; Mar. 19.
- Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Circuit controlling device. 2,002,804; May 28.
- Wallace, Fred B. (See Weber, Leonard P., assignor.)
- Wallace, George W. (See Duthoit, W. H., and Wallace.)
- Wallace, Henry A. (See Groggins, P. H., and Nagel, assignors.)
- Wallace, Henry A., Secretary of Agriculture. (See Graves, Archie H., assignor.)
- Wallace, Henry A., Secretary of Agriculture. (See Groggins, P. H., and Nagel, assignors.)
- Wallace, Henry A., Secretary of Agriculture of The United States of America. (See May, O. D., Herrick, Moyer, and Wells, assignors.)
- Wallace, Herbert A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote controlling apparatus. 1,998,178; Apr. 16.
- Wallace, Hugh, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,019,588; Nov. 5.
- Wallace, James, Toledo, Ohio, assignor, by mesne assignment, to Aeriet Air Conditioner Company. Apparatus for heating rooms. 2,007,102; July 2.
- Wallace, Jeffrey J., assignor to Gullett Gin Company, Amite, La. Hull extracting cleaner feeder. 1,992,454; Feb. 26.
- Wallace, John E., Mansfield, and C. Dumas, Worcester, Mass. Sprinkler system. 2,024,555; Dec. 17.
- Wallace, Oscar R., New York, N. Y. Building structure. 2,001,169; May 14.
- Wallace, Ralph W., Johnstown, Pa. Water closet combination and wall mounting. 1,996,693; Apr. 2.
- Wallace, Richard E., New York, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Electrotropical method and apparatus. 1,990,884; Feb. 12.
- Wallach, Roger N., Briarcliff Manor, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Yarn and its production. 1,994,057; Mar. 12.
- Wallach, Roger N., Briarcliff Manor, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Strand and material formed from the same. 1,995,696; Mar. 26.
- Wallace & Tiernan Company. (See Baker, J. C., and Peet, assignors.)
- Wallace & Tiernan Company. (See Peet, Gerald D., assignor.)
- Wallace & Tiernan Products, Inc. (See Baker, John C., assignor.)
- Wallace & Tiernan Products, Inc. (See Schmelkes, F. C. and Marks, assignors.)
- Wallace & Tiernan Products, Inc. (See Sovulewski, L. G., and Booth, assignors.)
- Wallace & Tiernan Products, Inc. (See Wallace, Charles F., assignor.)
- Wallace, Walter W., assignor to Sherman P. Bowers, Frederick, Md. Disturbance eliminator for radioreceivers. 1,994,628; Mar. 19.
- Wallace, William B., Dallas, Tex. Fluid register. 2,024,492; Dec. 17.
- Wallach, Roger N., Briarcliff Manor, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Opaque material. 2,022,064; Nov. 26.
- Walbilleh, Anthony F., Hollis, assignor to Leviton Manufacturing Company, Brooklyn, N. Y. Electric outlet device or socket. 1,994,880; Mar. 19.
- Wallen, Arthur C., Bronxville, N. Y., and T. J. Crawford, Youngstown, Ohio; said Wallen assignor to said Crawford. Composite structure. 2,004,907; June 11.
- Wallene, Frank O., Lakewood, Ohio. Compressor control system. 1,997,476; Apr. 9.
- Wallene, Frank O., Lakewood, Ohio. Fuel control system. 2,003,985; June 4.
- Wallens, Harry. (See Stern, S. H., and Wallens.)
- Wallenthin, Walfrid, Attleboro, Mass. Safety razor and container therefor. 2,017,741; Oct. 15.
- Waller, Arthur. (See Galter, J., and Waller.)
- Waller, Arthur, Chicago, Ill. Key-container. 2,006,286; June 25.
- Waller, James H. deW., assignor to Nofrango Limited, Dublin, Irish Free State. Constructing canals and the like. 2,015,771; Oct. 1.
- Wallerstein Company. (See Wallerstein, Leo, assignor.)
- Wallerstein Company. (See Wallerstein, L., Pfannmuller, and Noé, assignors.)
- Wallerstein, Leo, New York, N. Y. Preparing beers and ales. 1,994,494; Mar. 19.
- Wallerstein, Leo, New York, N. Y. Maturing and ripening malt beverages. 2,011,095; Aug. 13.
- Wallerstein, Leo, New York, N. Y. Fermented beverage. 2,011,096; Aug. 13.
- Wallerstein, Leo, assignor to Wallerstein Company, Inc., New York, N. Y. Making an invertase preparation. 1,990,505; Feb. 12.
- Wallerstein, Leo, assignor to Wallerstein Company, Inc., New York, N. Y. Producing pectin preparations. 2,008,999; July 23.
- Wallerstein, Leo, New York, N. Y., J. Pfannmuller, North Plainfield, N. J., and A. Noé, New York, N. Y., assignors to Wallerstein Company, Inc. Jelly manufacture. 1,997,616; Apr. 16.
- Walley, Edward P., assignor to The Rudolph Wurlitzer Manufacturing Company, Tonawanda, N. Y. Automatic tuning changer for radio receiving sets. 2,021,843; Nov. 19.
- Wallgren, August G. F., assignor to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 1,995,408; Mar. 26.
- Wallgren, August G. F., assignor to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 1,998,888; Apr. 23.
- Wallgren, August G. F., assignor to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 2,012,841; Aug. 27.
- Wallin, Gustaf A., Flushing, assignor to A. Kimball Company, New York, N. Y. Price tag. 2,020,268; Nov. 5.
- Wallin, Gustaf E., Omaha, Nebr. Saw table vise. 2,024,317; Dec. 17.
- Wallis, Clarence H., Ellwood City, Pa., assignor to National Tube Company. Making tubes. 2,005,306; June 18.
- Wallis, Theodor, Dessau-Ziebigk in Anhalt and O. Falek, Wiederitzsch, near Leipzig, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Apparatus for drying vapors or gases. 2,009,569; July 30.
- Wallmann, Carl, J. Grosswelschede, and B. Kruse, Mulheim-Ruhr, assignors to the firm Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Production of iron sleepers. 2,023,827; Dec. 10.
- Wallquist, Ivar, Gottenborg, Sweden. Method and device in the manufacture of paper. 1,989,435; Jan. 29.
- Walls, Alexander G. and R. N., Ashton on Mersey, England. Machine tool having fluid pressure feeds. 1,991,915; Feb. 19.
- Walls, Rognvald N. (See Walls, Alexander G. and R. N.)
- Walls, Thomas J., Waynesville, N. C. Making mosaics. 1,994,204; Mar. 12.
- Walma, Theodore K. (See Taylor, Orin D., assignor.)
- Walma, Theodore K., Iowa City, Iowa. Adjustable knife frame for bread-slicing machines. 2,023,362; Dec. 3.
- Walmsley, Charles, and Company Limited, et al. (See Thomas, Reginald J., assignor.)
- Walmsleys (Bury) Limited. (See Lord, Harry, assignor.)
- Walper, Curry O. (See Walper, Gordon R., assignor.)
- Walper, Curry O., Hamilton, Ontario, Canada. Bundling tool. 1,990,763; Feb. 12.
- Walper, Curry O., Hamilton, Ontario, Canada. Ceiling construction. 1,996,223; Apr. 2.
- Walper, Curry O., Hamilton, Ontario, Canada. Manufacture of wall board. 2,006,528; July 2.
- Walper, Curry O., Hamilton, Ontario, Canada. Wall board joint. 2,017,266; Oct. 15.
- Walper, Curry O., Hamilton, Ontario, Canada. Plastering construction. 2,021,036; Nov. 12.
- Walper, Curry O., Hamilton, Ontario, Canada. Bundling clip. 2,021,037; Nov. 12.
- Walper, Gordon R., Huntingdon Woods, assignor to C. O. Walper, Royal Oak, Mich. Wall and ceiling construction. 1,986,309; Jan. 1.
- Walper, Gordon R., Detroit, assignor to C. O. Walper, Royal Oak, Mich. Wall and ceiling construction. 2,002,303; May 21.
- Walsbach Company. (See Wegener, Francis A., assignor.)
- Walser, Charles L. (See Cozens, H., and Walser.)
- Walsh, Carroll H. (See Pittman, R. R., and Walsh.)
- Walsh, Carroll H., Pine Bluff, Ark., assignor to Tips Tool Company, Inc., Taylorville, Ill. Fusible line tapping device. 2,004,621; June 11.
- Walsh, Carroll H., Pine Bluff, Ark., assignor to Tips Tool Company, Taylorville, Ill. Fusible line-tapping device. 2,025,321; Dec. 24.
- Walsh, Frank P., Berkeley, Calif. Air conditioning apparatus. 2,021,437; Nov. 19.
- Walsh, Frederick T. (See Shute, Charles W., assignor.)
- Walsh, Frederick T., assignor to Thomas Leyland Machinery Co., Readville, Boston, Mass. Bowed expander roll. 1,997,442; Apr. 9.
- Walsh, James F., Cleveland, Ohio. Water heater. 2,006,726; July 2.
- Walsh, James F., South Orange, N. J., assignor to Ceiluloid Corporation. Mirror. 2,005,814; June 25.
- Walsh, James F., East Orange, and A. F. Caprio, Newark, N. J., assignors to Ceiluloid Corporation. Solvent for acetyl cellulose. 2,002,069; May 21.
- Walsh, James F., South Orange, and R. P. Piperoux, Westwood, N. J., assignors to Ceiluloid Corporation. Switch cover plate. 2,022,364; Nov. 26.
- Walsh, John B., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Razor blade sharpener. 2,018,985; Oct. 29.
- Walsh, John G., Newark, N. J., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Telephone system. 2,020,488; Nov. 12.
- Walsh, John R., Peoria, Ill. Concentrator. 2,017,111; Oct. 15.
- Walsh, Nicholas W. J., Doncaster, Victoria, Australia. Tool for rotating screws and other objects. 2,010,616; Aug. 6.
- Walsh, Robert L., Dayton, Ohio. Airplane propeller. 1,986,867; Jan. 8.
- Walsh, Vincent G., Stanmore Park, England. Jointing, packing, sealing, and like materials. 1,994,412; Mar. 12.
- Walstrom, Brother E., Chicago, Ill. Device for normalizing nonorganic fixation of the vertebral spinal column. 2,026,332; Dec. 31.

- Waltenburg, Romaine G., Roselle, N. J., assignor to The H. A. Wilson Company. Thermostatic device. 2,011,546; Aug. 13.
- Walter, Andrew J., Jr., North Hackensack, N. J., assignor to Fowler Machinery & Equipment Corporation, New York, N. Y. Conveying mechanism. 1,998,109; Apr. 16.
- Walter, Bertha B., executrix. (See Walter, Raymond A.)
- Walter, Bruno H., Pittsburgh, Pa., assignor to American Sheet & Tin Plate Company. Package for sheet material. 2,017,380; Oct. 15.
- Walter, Charles T., assignor to Swift and Company, Chicago, Ill. Treatment of meat. 1,986,868; Jan. 8.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Classifying means. 1,989,252; Jan. 29.
- Walter, Charles T., assignor to Swift and Company, Chicago, Ill. Slicing machine. 1,991,304; Feb. 12.
- Walter, Charles T., assignor to Swift and Company, Chicago, Ill. Slicing machine. 1,995,048; Mar. 19.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Chilling device. 2,001,083; May 14.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Heat exchange device. 2,001,084; May 14.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Heat exchange device. 2,001,085; May 14.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Slicing machine. 2,001,512; May 14.
- Walter, Charles T., assignor, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Conveyer. 2,006,091; June 25.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Slicing machine. 2,008,090; July 16.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Measuring and packaging method. 2,009,824; July 30.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Slicing machine. 2,012,489; Aug. 27.
- Walter, Charles T., and J. Bech, assignors to Swift and Company, Chicago, Ill. Gelatin dessert forming machine. 2,008,428; July 16.
- Walter, Charles V., Bronxville, N. Y. Grinding machine. 2,020,709; Nov. 12.
- Walter, Ernest, Montclair, assignor to Porete Mfg. Co., North Arlington, N. J. Production of cementitious masses. 2,006,425; July 2.
- Walter, Felix. (See Weibezahn, K., and Walter.)
- Walter, Frank W., Jr., Ventnor, N. J. Hydraulic transmission. 2,019,880; Nov. 5.
- Walter, George F., Brooklyn, assignor to American Can Company, New York, N. Y. Metallic spool. 1,991,435; Feb. 19.
- Walter, Henry C. (See Whitsitt, W. B., and Walter.)
- Walter, Hollis, Baldwin, and F. P. Hodgkinson, N. Y., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Brakes for gyro-stabilizers. 2,010,681; Aug. 6.
- Walter, Jacques, Mulhouse-Brunstatt, assignor to Mines Domaniales de Potasse d'Alsace, Mulhouse, France. Crystallizing apparatus. 1,988,763; Jan. 22.
- Walter, Jennie C. (See Wuth, Louis, assignor.)
- Walter, John C. (See Watson, M. L., and Walter.)
- Walter, John M. (See Doran, J. E., Walter and Cardullo.)
- Walter, Ludwig, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. High frequency cable. 1,987,088; Jan. 8.
- Walter, Ludwig, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Coupling system. 1,987,089; Jan. 8.
- Walter, Ludwig, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Flexible high frequency line. 2,000,679; May 7.
- Walter, Martin T., Biglerville, Pa. Fruit picker's sack. 1,992,849; Feb. 26.
- Walter, Orville L., Palisades Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alarm transmitting system. 2,022,991; Dec. 3.
- Walter, Ralph E. (See Fisher, O. W., and Walter.)
- Walter, Raymond A., New York, N. Y., deceased, B. B. Walter, executrix, assignor to Goodman Manufacturing Company, Chicago, Ill. Driving mechanism. 2,001,228; May 14.
- Walter, Richard R., Starnberg, Germany. Alloy. 2,018,752; Oct. 29.
- Walter, Simon. (See Dörrenhaus, G., and Walter.)
- Walter, Wilhelm, Cologne-Niehl, R. Hofmann, Dormagen, and F. Oschatz, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Working up of crude cellulose ester solutions. 1,990,625; Feb. 12.
- Walter, Wilhelm, Cologne-Niehl, and R. Hofmann, Dormagen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing organic cellulose esters. 2,022,446; Nov. 26.
- Walters, Ben O., assignor of one-fourth to C. J. Healey and one-fourth to F. E. Healey, Omaha, Nebr. Vehicle cushioning drive means. 1,989,837; Feb. 5.
- Walters, Carroll V., assignor of one-fourth to C. A. Carlet, and one-fourth to L. Orlando, Sr., Kansas City, Mo. Gummed tear strip. 2,007,625; July 9.
- Walters, Charles A., Providence, R. I., assignor to Cook-Dunbar-Smith Company. Ornamental wire. 1,996,183; Apr. 2.
- Walters, David A., Canton, assignor to Tyson Roller Bearing Corporation, Massillon, Ohio. Tapered roller bearing. 1,992,682; Feb. 26.
- Walters, Edward, assignor to Toledo Mirror Paint & Glass Company, Toledo, Ohio. Showcase construction. 1,991,992; Feb. 19.
- Walters, Emmett L. (See Goodwillie, D. H., and Walters.)
- Walters, Emmett L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Annealing leer. 1,989,957; Feb. 5.
- Walters, Emmett L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass inspection apparatus. 1,996,446; Apr. 2.
- Walters, Emmett L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting machine. 2,026,109; Dec. 31.
- Walters, Frederick, Parkstone, near Bournemouth, England. Apparatus for cleaning horses or other animals. 2,017,780; Oct. 15.
- Walters, Henry, et al. (See Esterling, William M., assignor.)
- Walters, Herbert, assignor of one-half to Howard D. House, Detroit, Mich. Spark plug. 2,012,699; Aug. 27.
- Walters, Herbert H. (See Jaquith, W. E., and Walters.)
- Walters, Hugo L., Cleveland, Ohio. Building wall structure. 1,990,259; Feb. 5.
- Walters, Hugo W. (See Polson, O., Walters, Carlson, Ekholm, Norén, and Anderson.)
- Walters, James W., Tulsa, Okla. Syringe. 1,987,137; Jan. 8.
- Walters, Mary P., et al. (See Esterling, William M., assignor.)
- Walters, Rollo F., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener attached clip member. 1,995,370; Mar. 26.
- Walters, Rollo F., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Making upholstery panels and applying fasteners thereto. 2,005,669; June 18.
- Walther Watch Company. (See Fink, Jean, assignor.)
- Walthers, William A., Dalton, Wis. Weed control mechanism. 2,007,512; July 9.
- Walthers, William A., Dalton, Wis. Pole holder. 2,008,233; July 16.
- Waltman, Burton B., assignor of one-fourth to J. E. Higson, and one-fourth to F. S. Cass, Denver, and one-fourth to J. J. Cody, Lockwood, Colo. Centrifugal amalgamator. 1,988,528; Jan. 22.
- Waltman, Charles E., Los Angeles, Calif. Hair curler. 1,993,905; Mar. 12.
- Waltman, Chauncey E., assignor to Sandel Manufacturing Co., Chicago, Ill. Lamp. 1,996,713; Apr. 2.
- Walton, Albert S. (See Havill, C. H., and Walton.)
- Walton, Albert S., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism. 1,988,405; Jan. 15.
- Walton, Bruce, assignor to Chas. H. Phillips Chemical Co., Glenbrook, Conn. Cleansing cream containing magnesium hydroxide. 1,999,160; Apr. 23.
- Walton, Bruce, assignor to Chas. H. Phillips Chemical Co., Glenbrook, Conn. Skin cream containing magnesium hydroxide. 1,999,161; Apr. 23.
- Walton, Ernest T. S. (See Cockcroft, J. D., and Walton.)
- Walton, George W., London, England. Synchronous electric motor. 2,012,207; Aug. 20.
- Walton, George W., London, England. Apparatus for stereoscopic picture recording, reproducing, and the like. 2,021,162; Nov. 19.
- Walton, George W., London, England. Apparatus for use with modulated electrical oscillations. 2,025,186; Dec. 24.
- Walton, Lean H. (See Meek, Jessie W., assignor.)
- Walton, Norman, Pudsey, near Leeds, and J. Davy, Haworth, near Keighley, England. Machine for winding pirns or spools of yarns or threads. 2,011,429; Aug. 13.
- Walton, Norris. (See Braasch, A. D., Smith and Walton.)
- Waltz, Foster V., St. Louis, Mo. Valve actuating mechanism. 1,997,842; Apr. 16.
- Waltz, Foster V., St. Louis, Mo., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,013,934; Sept. 10.
- Walworth Patents, Inc. (See Bard, Francis N., assignor.)
- Walworth Patents Inc. (See Cotton, C. H., and Roselund, assignors.)
- Walworth Patents Inc. (See Erickson, C. L., Lambert, and Patschelder.)
- Walworth Patents, Inc. (See Harman, John J., assignor.)
- Walworth Patents Inc. (See Henderson, Albert J., assignor.)
- Walworth Patents, Inc. (See Martin, Jesse C., Jr., assignor.)
- Walworth Patents Inc. (See Morehead, French H., assignor.)
- Walworth Patents, Inc. (See Morehead, F. H., and Martin, Jr., assignors.)
- Walworth Patents Inc. (See Trott, Arthur J., assignor.)
- Walz, Charles F., assignor to L. Wolf, H. A. Wolf, and E. Wolf, copartners trading as National Metal Edge Box Company, Philadelphia, Pa. Box staying machine. 2,009,421; July 30.

- Walz, Erwin, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of conversion products of caoutchouc. 1,987,171; Jan. 8.
- Walzer, Joseph, Jamaica, N. Y. Apparatus for inspecting ignition systems. 1,994,881; Mar. 19.
- Wanamaker, Harry F. (See Griffith, C. T., and Wanamaker).
- Wandel, Barney, Cambridge, Mass. Tooth powder dispenser. 1,989,575; Jan. 29.
- Wandel, Kurt, New York, N. Y. Tissue handkerchief and method. 2,020,668; Nov. 12.
- Wandell, Frederic H., Los Gatos, Calif. Brake. 2,004,842; June 11.
- Wanderer-Werke vorm. Winkhofer & Jaenicke Akt.-Ges. (See Schüller, Hugo, assignor.)
- Wanderer-Werke vorm. Winkhofer & Jaenicke Akt. Ges. (See Stuhlmann, Richard, assignor.)
- Wandersleb, Ernst, assignor to the firm Carl Zeiss, Jena, Germany. Range finder for photographic purposes. 1,987,765; Jan. 15.
- Waner, Harry E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Abrasion shoe for airfoils. 2,013,323; Sept. 3.
- Waner, Harry E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preventing accumulation of ice on airplanes or the like. 2,025,919; Dec. 31.
- Wanger, Julius. (See Barth, K., Schuler, and Wanger.)
- Wannemacher, Charles, Buffalo, N. Y. Target for billiards and the like. 2,010,282; Aug. 6.
- Wannemacher, F. A. (See Wannemacher, Isidor A., assignor.)
- Wannemacher, Isidor A., Fort Jennings, assignor of one-half to F. A. Wannemacher, Celina, Ohio. Plowshare blade. 1,992,791; Feb. 26.
- Wanner, Edmond, Geneva, Switzerland. Counter-poised tilting door, particularly for motor car garages. 2,017,554; Oct. 15.
- Wanser, Anthony, Sr., Babylon, N. Y. Rope cleat. 2,011,532; Aug. 13.
- Wantsch, Josef. (See Müller, K., Döring, and Wantsch.)
- Wantz, Clarence, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Automatic lighter. 2,011,097; Aug. 13.
- Wantz, Julius B., Oak Park, assignor to General Electric X-ray Corporation, Chicago, Ill. Vertical stereo-radiographic apparatus. 1,992,894; Feb. 26.
- Wantz, Julius B., Oak Park, assignor to General Electric X-ray Corporation, Chicago, Ill. X-Ray tube holder. 2,001,004; May 14.
- Waples, Robert M., assignor to The Garlock Packing Company, Palmyra, N. Y. Gasket and packing material from which it may be made. 2,019,031; Oct. 29.
- Wappat, Fred W., Pittsburgh, Pa. Pressure regulating valve. 2,014,541; Sept. 17.
- Wappler Electric Company. (See Mutscheller, Arthur, assignor.)
- Wappler, Frederick C., New York, N. Y. Electrosurgical apparatus. 1,995,526; Mar. 26.
- Wappler, Frederick C., New York, N. Y. Distinctively marking commodities. 1,995,725; Mar. 26.
- Wappler, Frederick C., New York, N. Y. Surgical resection. 2,002,559; May 28.
- Wappler, Frederick C., New York, N. Y. Telescopic instrument. 2,002,595; May 28.
- Wappler, Frederick C., New York, N. Y. Endoscopic instrument. 2,008,525; July 16.
- Wappler, Frederick C., New York, N. Y. Forceps surgical electrode. 2,011,169; Aug. 13.
- Wappler, Frederick C., New York, N. Y. Distinctively marked commodity and producing the same. 2,011,741; Aug. 20.
- Wappler, Frederick C., New York, N. Y. Surgical lamp device. 2,017,137; Oct. 15.
- Wappler, Frederick C., New York, N. Y. Endoscopic instrument. 2,018,335; Oct. 22.
- Wappler, Frederick C., administrator. (See Wappler, Reinhold H.)
- Wappler, Frederick C., executor. (See Wappler, Reinhold H.)
- Wappler, Frederick C., executor. (See Wappler, Reinhold H., and F. C.)
- Wappler, Reinhold H., deceased, Yonkers, N. Y., F. C. Wappler, executor. Aseptic catheter-handling device. 2,009,825; July 30.
- Wappler, Reinhold H., deceased, Yonkers, N. Y., F. C. Wappler, administrator. Therapeutic applicator device. 2,022,065; Nov. 26.
- Wappler, Reinhold H., deceased, Yonkers, and F. C. Wappler, New York, N. Y., F. C. Wappler, executor. Instrument for electro-surgical treatment of tissue. 2,002,594; May 28.
- Wappler, Reinhold H., Yonkers, and F. C. Wappler, New York, N. Y.; said F. C. Wappler administrator of said Reinhold H. Wappler, deceased. Method and instrument for electro-surgical treatment of tissue. 2,004,559; June 11.
- Wappler, Reinhold H., deceased, Yonkers, and F. C. Wappler, New York, N. Y., F. C. Wappler, executor of R. H. Wappler. Treating living tissue. 2,008,526; July 16.
- Warger, Leonard C., Floral Park, assignor to Chester Librett, New Rochelle, N. Y. Clamping device. 1,996,447; Apr. 2.
- Ward, Albert K., Audubon, N. J., assignor to Radio Corporation of America. Head rest reproducer. 2,012,410; Aug. 27.
- Ward, Albert K., Audubon, and P. M. Craig, Camden, N. J., assignors to Radio Corporation of America. Alternating current microphone transmitter. 2,015,827; Oct. 1.
- Ward, Bruce R., Presque Isle, Maine. Joint connection for log cabin logs. 2,021,341; Nov. 19.
- Ward, Charles J., Grassmere, Staten Island, N. Y. Ship propeller. 2,001,896; May 21.
- Ward, David H., Grappenhall, near Warrington, assignor to Thomas Ward & Sons Limited, Warrington, England. Safety razor. 1,989,576; Jan. 29.
- Ward, Denis. (See Sexton, W. A., and Ward.)
- Ward, Edward W., North Girard, Pa. Shoe. 2,004,802; June 11.
- Ward, Ernest G., Nakina, N. C. Implement for cutting vegetable growths. 2,020,448; Nov. 12.
- Ward, Frederick A., assignor to The Gear Grinding Machine Company, Detroit, Mich. Apparatus for grinding discontinuous segmental surfaces. 1,987,222; Jan. 8.
- Ward, George C., Jr., Ventura, assignor to Economy Products, Inc., Los Angeles, Calif. Rotary spray mechanism for dishwashers. 2,016,880; Oct. 8.
- Ward, Harley M. (See Stehmetz, A. A., and Ward.)
- Ward Heater Co. (See Logue, Raymond G., assignor.)
- Ward Heater Co. (See Smith, H. J., Beichel, Smith, A. D., and Potter, assignors.)
- Ward, Howard E., Kansas City, Mo. Expansion joint structure. 2,013,195; Sept. 3.
- Ward, John S., and S. D. Gehman, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Determination of the rubber content of latex. 2,024,617; Dec. 17.
- Ward, Joshua, Elizabeth, N. J., assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Method and apparatus for feeding tape and projecting images therefrom. 1,999,552; Apr. 30.
- Ward Leonard Electric Company. (See Andrews, Rufus A., assignor.)
- Ward Leonard Electric Company. (See Bullinger, Fred-eric H., assignor.)
- Ward Leonard Electric Company. (See Logan, Frank G., assignor.)
- Ward, Michael F., Chicago, Ill. Meat cutter. 1,987,172; Jan. 8.
- Ward, Neil C., Chicago, Ill. Burnproof material. 2,011,130; Aug. 13.
- Ward, Norval R., et al. (See Teckemeyer, John F., F. W., and G. A., assignors.)
- Ward, Percy L., Atlanta, Ga. Drinking glass. 2,026,449; Dec. 31.
- Ward, Richard J., Los Angeles, Calif., assignor to Multi-raylite, Inc. Apparatus for and illuminating surfaces. 2,015,170; Sept. 24.
- Ward, Robert I., Chicago, Ill. Directional power relay control means. 2,023,653; Dec. 10.
- Ward, Robert J. (See Kinsella, E., and Ward.)
- Ward, Rollie, assignor of one-half to J. W. Speck, Jackson, Mich. Invalid bed construction. 1,990,357; Feb. 5.
- Ward, Thomas O. (See Hughes, J., and Ward.)
- Ward, Thomas, & Sons Limited. (See Ward, David H., assignor.)
- Ward, William H. (See LaMotte, A., Summer and Ward.)
- Wardecker, Charles A. (See Lauretti, Piacentimo, assignor.)
- Warden, Alva F., Gary, Ind., assignor to American Sheet and Tin Plate Company. Device for cleaning and polishing metallic sheets. 2,017,381; Oct. 15.
- Wardenburg, Bernhard G., assignor to Moto Meter Gauge & Equipment Corporation, Toledo, Ohio. Recording thermometer. 1,993,637; Mar. 5.
- Wardle, John, Westminster, London, assignor to Lolos Strainers Limited, Barrow-in-Furness, England. Apparatus for straining liquids or gases. 2,007,780; July 9.
- Wardle, John, Westminster, assignor to Lolos Strainers Limited, Barrow-in-Furness, England. Apparatus for straining liquids or gases. 2,022,016; Nov. 26.
- Wardle, John, Westminster, London, assignor to Lolos Strainers Limited, Barrow-in-Furness, England. Apparatus for straining liquids or gases. 2,022,017; Nov. 26.
- Wardley, Thomas, Greenford, England. Automatic weighing apparatus for glassware. 1,999,827; Apr. 30.
- Wardrop, Grover O., Muskegon Township, Muskegon County, Mich., assignor to United Research Corporation. Automatic stonograph. 1,993,078; Mar. 5.
- Wardwell, Joseph B., Stamford, Conn. Nonmaladjustable headlamp installation. 1,995,661; Mar. 26.
- Ware, Arthur J. V. (See Reynell, C. H., and Ware.)
- Ware, Charles B., Feasterville, Pa. Sight feed control device. 2,009,306; July 23.
- Ware, Herbert M., Northwood, England. Making containers. 2,006,036; June 25.
- Ware, Herbert M., Northwood, Middlesex, England. Apparatus for sealing paper or like bottles or containers. 2,012,364; Aug. 27.
- Ware, Mack, assignor of one-half to J. E. Robinson, Sr., Houston, Tex. Car brake. 2,001,229; May 14.
- Ware, Willis C., assignor of one-half to E. B. Sickle, Chicago, Ill. Adhesive. 1,989,833; Feb. 5.
- Waream, Charles E., Norwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Rotary cylinder structure. 1,998,566; Apr. 23.

- Waream, Charles E., Norwood, assignor to The American Laundry Machinery Company, Norwood, Ohio. Spot welded cylinder. 2,026,333; Dec. 31.
- Warfield, Frederick P. (See Kean, Otho V., assignor.)
- Warfield, Gordon, Baltimore, Md. Automobile safety appliance. 2,005,281; June 18.
- Warg, Charles A., Scranton, assignor to McClave-Brooks Company, Scranton, Pa. Dumping grate. 2,003,729; June 4.
- Warg, Charles A., assignor to McClave-Brooks Company, Scranton, Pa. Safety interlock. 2,009,536; July 30.
- Waring, Charles E. (See Malm, C. J., and Waring.)
- Waring, Olaf I., Flushing, assignor to Vadsco Sales Corporation, Long Island City, N. Y. Capsule applicator. 2,007,626; July 9.
- Waring, Olaf I., Flushing, assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Container closure. 2,016,936; Oct. 8.
- Waring, Robert K. (See Ginder, P. M., Peirce, and Waring.)
- Waring, Robert K. (See Peirce, W. M., and Waring.)
- Waring, Tracy D., and J. Bolingbroke, Hamilton, Ontario, Canada, assignors to Standard Underground Cable Company of Canada Limited. Electrical conductor. 1,987,918; Jan. 15.
- Wark, Robert E., Trustee. (See Thorpe, William C., assignor.)
- Warlop, Pierre, Noisy-le-Sec, France. System of lubrication. 1,999,266; Apr. 30.
- Warmoth, George W., Indianapolis, Ind., assignor, by mesne assignments, to The Brown-Fayro Company, Johnstown, Pa. Apparatus for coating aggregate with binding material. 2,016,159; Oct. 1.
- Warncke, Louis, Weehawken, N. J., assignor to Charles L. Patterson. Stabilized yeasted milk suspension and making the same. 1,994,496; Mar. 19.
- Warner Brothers Company. (See Collins, Frank J., assignor.)
- Warner Brothers Company, The. (See Field, John, assignor.)
- Warner Bros. Pictures, Inc. (See Geib, Robert L., assignor.)
- Warner Bros. Pictures, Inc. (See Jackman, Fred W., assignor.)
- Warner Bros. Pictures, Inc. (See Koenekamp, Hans F., assignor.)
- Warner Brothers Pictures, Inc. (See Tondreau, Albert W., assignor.)
- Warner, Charles L., Milford, assignor to Baird Warner, Incorporated, Bridgeport, Conn. Fluid control. 2,020,710; Nov. 12.
- Warner Chemical Company, The. (See Coleman, J. H., and Jaffa, assignors.)
- Warner, Donald F., Lynn, and R. G. Standerwick, Marblehead, Mass., assignors to General Electric Company. Speed control mechanism. 2,020,977; Nov. 12.
- Warner, Douglas K., Bristol, Conn. Ice making. 1,994,183; Mar. 12.
- Warner, Douglas K., Bristol, Conn. Uniformly freezing solutions in vacuum. 2,009,283; July 23.
- Warner, Douglas K., Bristol, Conn. Float control regulating valve. 2,009,284; July 23.
- Warner, Edward, Jersey City, N. J. Flying machine. 2,021,438; Nov. 19.
- Warner Elevator Manufacturing Company, The. (See Bogart, William G., assignor.)
- Warner Elevator Manufacturing Company, The. (See Liebenberg, Arthur J., assignor.)
- Warner, Homer C. (See Schurr, C. H., and Warner.)
- Warner, Homer C., assignor to The Lees-Bradner Company, Cleveland, Ohio. Finishing tool. 1,997,244; Apr. 9.
- Warner, Jesse J., Burlingame, Calif. Manually operated phonograph. 1,998,149; Apr. 16.
- Warner, Joe H., assignor to Chicago Coin Machine Company, Chicago, Ill. Game. 2,008,479; July 16.
- Warner, Leroy E., Oakland, Calif., assignor, by mesne assignments, to Construction Materials Patents, Inc. Pavement joint packing. 2,016,404; Oct. 8.
- Warner, Louis A., Baltimore, Md. Electrical governor. 1,986,695; Jan. 1.
- Warner & Swasey Company, The. (See Burrell, Edward R., assignor.)
- Warner & Swasey Company, The. (See Lange, M. E., and Burger, assignors.)
- Warner, Thomas C., Wichita, Kans. Gauge for striping instruments. 2,021,275; Nov. 19.
- Warner, Thomas H., Union City, N. J., assignor to Metal Alloys, Inc., Wilmington, Del. Alloy. 2,003,524; June 4.
- Warner, William, Indianapolis, Ind. Brush. 2,007,103; July 2.
- Warner, William R., & Co. Inc. (See Jackson, Clarence S., assignor.)
- Warnke, Carl J., Elkhart, Ind., assignor to The Adams Westlake Company, Chicago, Ill. Mercury switch. 1,993,045; Mar. 5.
- Warnke, Carl J., Elkhart, Ind., assignor to The Adams & Westlake Company, Chicago, Ill. Mercury switch. 1,993,046; Mar. 5.
- Warnke, Carl J., Elkhart, Ind., assignor to The Adams & Westlake Company, Chicago, Ill. Electrical sealed container. 1,996,845; Apr. 9.
- Warnke, Carl J., Elkhart, Ind., assignor to The Adams & Westlake Company, Chicago, Ill. Relay. 1,997,477; Apr. 9.
- Warnke, Fred L., Hartford, Conn. Smoking pipe or holder. 1,989,069; Jan. 22.
- Warntjes, James. (See Matthews, H., Warntjes, Arthurs and Wilkinson.)
- Warp Compressing Machine Company. (See Javery, Frank B., and A. J., assignors.)
- Warp Twisting-In Machine Company. (See Klein, Frederick, assignor.)
- Warr, Harry B., Carrick, assignor to E. Castelli, Pittsburgh, Pa. Liquid dispensing apparatus. 2,020,711; Nov. 12.
- Warrell, Jonas E., assignor to The Pharis Tire & Rubber Company, Newark, Ohio. Method and apparatus for producing openings in multi-ply flexible materials. 1,997,843; Apr. 16.
- Warrell, Jonas E., assignor to The Pharis Tire & Rubber Company, Newark, Ohio. Apparatus for applying adhesives. 2,024,405; Dec. 17.
- Warren, Arthur M., Saskatoon, Saskatchewan, Canada. Automobile heater. 2,020,747; Nov. 12.
- Warren, Carleton, Natick, Mass. Knitting machine. 2,017,082; Oct. 15.
- Warren, Charles B., assignor to W. Warren Thread Works, Westfield, Mass. Spool winding machine. 1,999,672; Apr. 30.
- Warren, S. D., Company. (See Driesen, William M., assignor.)
- Warren Elevator Mfg. Company, The. (See Brown, Alfred T., assignor.)
- Warren, Estel M., Clinton, N. C. Cash cabinet. 1,998,773; Apr. 23.
- Warren, Frederick A., Atlanta, Ga. Twin drainage fitting. 1,991,130; Feb. 12.
- Warren, Glenn B., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine. 1,985,964; Jan. 1.
- Warren, Glenn B., Schenectady, N. Y., assignor to General Electric Company. Bearing. 2,008,527; July 16.
- Warren, Glenn B., Schenectady, N. Y., assignor to General Electric Company. Boiler. 2,008,528; July 16.
- Warren, Glenn B., Schenectady, N. Y., assignor to General Electric Company. Making turbine buckets. 2,019,329; Oct. 29.
- Warren, Harold S. (See Bissinger, R. S., and Warren.)
- Warren, Harry G., Pasadena, Calif., assignor to William H. Lyman, Inc. Propeller. 2,023,454; Dec. 10.
- Warren, Henry E., Ashland, Mass., assignor to General Electric Company. Position signaling system. 1,986,613; Jan. 1.
- Warren, Henry E., assignor to Warren Telechron Company, Ashland, Mass. Clock setting device. 1,995,726; Mar. 26.
- Warren, Henry E., Ashland, Mass., assignor to Warren Telechron Company. Synchronous motor. 1,998,297; Apr. 16.
- Warren, Henry E., Ashland, Mass., assignor to Warren Telechron Company. Drive from sealed gear casing. 2,003,163; May 28.
- Warren, Henry E., assignor to Warren Telechron Company, Ashland, Mass. Alternating current motor. 2,025,560; Dec. 24.
- Warren, Henry E., assignor to Warren Telechron Company, Ashland, Mass. Electric clock and system. 2,026,368; Dec. 31.
- Warren, John J., Brownville, N. Y. Pulp shredder. 2,023,455; Dec. 10.
- Warren, John R., assignor to C. R. Evenson and J. A. Webber, Grand Rapids, Mich., doing business as Michigan Wheel Co. Shaping helical bodies and carrying out said process. 2,013,705; Sept. 10.
- Warren, Marlin, Milwaukee, Wis. Furnace. 2,006,849; July 2.
- Warren, Reginald, assignor to The Pulsometer Engineering Company Limited, Reading, England. Clutch mechanism. 1,987,426; Jan. 8.
- Warren, Richard, assignor to International Business Machines Corporation, New York, N. Y. Record controlled statistical machine. 2,010,653; Aug. 6.
- Warren, Roy E., Houston, Tex. Flow controlling mechanism. 2,004,423; June 11.
- Warren Telechron Company. (See Bars, Jacques M., assignor.)
- Warren Telechron Company. (See Bourquin, Edgar, assignor.)
- Warren Telechron Company. (See Warren, Henry E., assignor.)
- Warren, Thomas S. (See Bacon, J. W., and Warren.)
- Warren, W., Thread Works. (See Warren, Charles B., assignor.)
- Warren, Walter G., Chicago, Ill. Aerial target. 2,004,543; June 11.
- Warren Webster & Company. (See Rohlin, Karl W., assignor.)
- Warren, William B., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Flowmeter. 1,998,110; Apr. 16.
- Warrender, Ralph, Sharon, Pa., assignor to Westinghouse Electric & Manufacturing Company. Radiator and making the same. 1,994,903; Mar. 19.
- Warring, Floyd S. (See Henry, Henry L., assignor.)

- Warrington, Albert R. van C., Springfield, Pa., assignor to General Electric Company. Control of electroresponsive devices. 1,995,162; Mar. 19.
- Warrington, Albert R. van C., Media, Pa., assignor to General Electric Company. Electroresponsive device. 2,000,803; May 7.
- Warrington, Albert R. van C., Media, Pa., assignor to General Electric Company. Protective apparatus for electric systems. 2,011,387; Aug. 13.
- Warrington, William N., Philadelphia, Pa. Window frame and sash. 2,009,720; July 30.
- Warshaw, Nathaniel, Mattapan, assignor to Lewis-Shepard Company, Watertown, Mass. Revolving hoisting machine or stacker. 1,997,327; Apr. 9.
- Warshawsky, Abraham, Brooklyn, N. Y. Sanitary pocket thermometer sterilizer. 2,015,505; Sept. 24.
- Warth, Albin H., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Container closure. 2,013,119; Sept. 3.
- Wartman, Joseph, Shakopee, Minn. Clutch for checkrow cables. 1,992,406; Feb. 26.
- Warwick, Edwin M. (See Milligan, Joseph H., assignor.)
- Warwood Tool Company. (See Wenzlick, John H., assignor.)
- Wasberg, Axel, Chicago, Ill., assignor to A. E. Ostrander, Larchmont, N. Y. Refrigerator car doorlock. 2,002,304; May 21.
- Waseige, Charles R., Rueil, France, assignor to Eclipse Aviation Corporation, East Orange, N. J. Internal combustion engine. 2,002,049; May 21.
- Waseige, Charles R., Rueil-Malmaison (Seine-et-Oise) France, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Packing means for bearings. 2,009,154; July 23.
- Waseige, Charles R., Rueil-Malmaison, France, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Clutch. 2,020,748; Nov. 12.
- Waseige, Charles R., Rueil, France, assignor to Eclipse Aviation Corporation, East Orange, N. J. Internal combustion engine. 2,020,224; Nov. 5.
- Waseige, Charles R., Rueil-Malmaison, France, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Internal combustion engine. 2,016,846; Oct. 8.
- Washburn Company, The. (See Dennis, Elmer L., assignor.)
- Washburn Company, The. (See Glenney, Clarence S., assignor.)
- Washburn, John M., West Hartford, assignor to The Merrow Machine Company, Hartford, Conn. Trimming mechanism for sewing machines. 2,017,382; Oct. 15.
- Washburn, Wilbur H., Wildwood, N. J. Shingle cutting and punching machine. 1,987,455; Jan. 8.
- Washer, Chandler C., assignor to Philadelphia Steel & Wire Corporation, Philadelphia, Pa. Lock washer. 2,014,995; Sept. 17.
- Washington Institute of Technology, Inc. (See Brockstedt, Theophile E., assignor.)
- Washington Machinery and Supply Company. (See Rawson, Harry H., assignor.)
- Wasmer, Charles L., et al. (See Hogue, Henry J., assignor.)
- Wasmer, John C., et al. (See Hogue, Henry J., assignor.)
- Wassall, Allen D., assignor to Sweeper-Vac Company, Worcester, Mass. Vacuum cleaner. 2,015,772; Oct. 1.
- Wasser, Joseph J., assignor to Pevely Dairy Company, St. Louis, Mo. Display device. 1,999,011; Apr. 23.
- Wasserman, Jacob. (See Cohen, S. H., and Wasserman.)
- Wassermann, Richard, et al. (See Keck, Paul H., assignor.)
- Watson, George G., Kansas City, Mo. Clip. 2,004,231; June 11.
- Watson, Harry C., Franklin, Pa., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Fluid pressure control apparatus. 2,000,542; May 7.
- Wasum, Ludwig W., Hackensack, N. J., assignor to Crystalite Corporation of America. Forming urea-formaldehyde condensation products. 2,012,411; Aug. 27.
- Watanabe, Shumpei, Koishikawa-Ku, Tokyo, Japan. Recording sounds. 2,004,453; June 11.
- Waterbury Clock Company, The. (See Johnston, Robert J., assignor.)
- Waterbury Clock Company. (See Putnam, James R., assignor.)
- Waterbury Farrel Foundry and Machine Company, The. (See Wilcox, Richard L., assignor.)
- Waterbury, John H., Chicago, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Lighting fixture. 2,013,721; Sept. 10.
- Waterbury Lock & Specialty Company. (See Peterson, John E., assignor.)
- Waterbury, Ronald J., Pleasant Ridge, assignor to General Motors Corporation, Detroit, Mich. Radiator and front fender support. 2,004,258; June 11.
- Waterfield, James, assignor to Quaker Lace Company, Philadelphia, Pa. Making lace curtains. 2,021,844; Nov. 19.
- Waterman, Arthur, Newtonville, Mass. Hanger. 2,010,572; Aug. 6.
- Waterman, Clarence F., North Attleboro, Mass. Pie crust forming machine. 1,991,588; Feb. 19.
- Waterman, Frank E., Jr., Fairhaven, assignor to The Neatcase Company, New Bedford, Mass. Garment. 2,008,118; July 16.
- Waterman, Fred W., Pittsburgh, Pa., assignor to National Tube Company. Sinking welded tubes. 2,017,360; Oct. 15.
- Waterman, Hein L., Delft, Netherlands, assignor, by mesne assignments, to Shell Development Company, San Francisco, Calif. Manufacture of valuable products from carbonaceous materials. 1,998,212; Apr. 16.
- Waterman, L. E., Company. (See Juster, Louis H., assignor.)
- Waterous Company. (See Waterous, F. A., and Boyles, assignors.)
- Waterous, Frederick A., and R. R. Boyles, St. Paul, assignors to Waterous Company, St. Paul, Minn. Pump and pump assembly. 2,013,260; Sept. 3.
- Waterous, Frederick A., and R. R. Boyles, assignors to Waterous Company, St. Paul, Minn. Hydrant drain valve. 2,019,515; Nov. 5.
- Waterous, Frederick A., and R. R. Boyles, St. Paul, assignors to Waterous Company, St. Paul, Minn. Hydrant drain valve. 2,019,804; Nov. 5.
- Waters, Charles B., et al. (See Steindler, Leslie L., assignor.)
- Waters, Charles B., deceased, Montclair, N. J.; J. K. Waters, administratrix, assignor of one-half to L. L. Steindler, Mamaroneck, N. Y. Method and apparatus for starting motors. 1,989,958; Feb. 5.
- Waters, Daniel V., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working machine. 2,007,627; July 9.
- Waters-Genter Company. (See Ireland, Murray, assignor.)
- Waters, Gertrude F., and G. A. Waters, Sharon, Conn. Garment supporter. 2,021,619; Nov. 19.
- Waters, Gilbert A. (See Waters, Gertrude F. and G. A.)
- Waters, Harold. (See Lindquist, D. L. Waters and Glaser.)
- Waters, Harry F., New York, N. Y. Sound-producing apparatus. 2,014,674; Sept. 17.
- Waters, Jay B., St. Louis, Mo. Flow operated switch. 2,013,225; Sept. 3.
- Waters, Julia K., administratrix. (See Waters Charles B.)
- Waters, Millard F., assignor to Hanlon-Waters, Inc., Tulsa, Okla. Liquid and gas separator. 1,999,950; Apr. 30.
- Waters, William H., and J. S. Kern, assignors to Fleetwood Craftsmen, Inc., Fleetwood, Pa. Apparatus for making shape retaining fiber mattresses. 2,004,544; June 11.
- Watervliet Tool Company. (See Becker, F. W., and Kinsley, assignors.)
- Water Works Supply Company. (See Hubbard, Edward L., assignor.)
- Waterworth, Robert J., assignor to Prima Manufacturing Company, Inc., Sidney, Ohio. Wringer release and pressure control. 2,022,098; Nov. 26.
- Watford Engineering Works, Limited, The. (See Paramor, J., and Suckling, assignors.)
- Watkins, D. M., Company. (See Lowe, George K., assignor.)
- Watkins, David H., Chicago, Ill., assignor to Butler Service, Inc. Portable dispensing device. 2,011,884; Aug. 20.
- Watkins, Donald J. (See Beckett, C. M., and Watkins.)
- Watkins, Douglas M., Brookmans Park, Hatfield, assignor of one-half to William E. Dilke, South Woodford, England. Screwthread cutting tool. 2,013,593; Sept. 3.
- Watkins, Ellis H., La Grande, Oreg. Tennis racket clamp. 1,989,577; Jan. 29.
- Watkins, Frank M., Cincinnati, Ohio. Washing machine. 2,020,444; Nov. 12.
- Watkins, Frederick A., Highland Park, Ill. Moistening device. 1,996,313; Apr. 2.
- Watkins, Frederick B., Los Angeles, Calif. Bridge bidding machine. 2,004,513; June 11.
- Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Process and apparatus for producing safety glass. 1,989,388; Jan. 29.
- Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated glass. 1,989,959; Feb. 5.
- Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Producing curved composite glass. 1,992,976; Mar. 5.
- Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for producing laminated glass. 2,022,484; Nov. 26.
- Watkins, Henry B., Columbus, assignor to The Kilgore Mfg. Company, Westerville, Ohio. Projector. 2,016,188; Oct. 1.
- Watkins, John D. (See Sahm, Richard J., assignor.)
- Watkins, Lucius D., assignor to Outboard Motors Corporation, Milwaukee, Wis. Automatic cut-out valve for internal combustion engines. 2,024,193; Dec. 17.
- Watkins, Watkin L., et al. (See Galvin, Herbert D., assignor.)
- Watkins, William H., San Francisco, Calif., and C. C. Kinker, Alton, Ill., assignors to Owens-Illinois Glass Company. Machine for forming hollow glass articles. 2,017,998; Oct. 22.
- Watling, Burns S., assignor to Watling Manufacturing Company, Chicago, Ill. Coin controlled machine. 1,990,719; Feb. 12.
- Watling Manufacturing Company. (See Watling, Burns S., assignor.)
- Watling Manufacturing Company. (See Watling, Thomas W. B., assignor.)

- Watling, Thomas W. B., Chicago, Ill. Coin controlled apparatus. 2,015,640; Sept. 24.
- Watling, Thomas W. B., assignor to Watling Manufacturing Company, Chicago, Ill. Coin chute. 2,002,560; May 28.
- Watmough, Pendleton G., Devon, Pa. Amusement device. 2,021,395; Nov. 19.
- Watrous, Charles A., Des Moines, Iowa. Adjustable eraser device. 1,998,472; Apr. 23.
- Watry, Louis T., West Allis, Wis. Air volume control. 1,997,879; Apr. 16.
- Watry, Louis T., West Allis, Wis. Guide coupling. 1,997,880; Apr. 16.
- Watson, Ann. (See Campbell, L. W., and Watson, assignor.)
- Watson, Arthur C., Marietta, Ohio. Method and apparatus for producing visual effects. 2,000,133; May 7.
- Watson, Arthur H., assignor to The Hammond Clock Company, Chicago, Ill. Alarm clock. 2,020,388; Nov. 12.
- Watson, Bessie, executors, et al. (See Cullen, H. E., and Ronning.)
- Watson, Bruce B., Altoona, and W. M. Keller, Hollidaysburg, Pa. Belt guard for railway generators or the like. 1,988,639; Jan. 22.
- Watson, Charles G., Youngstown, Ohio. Method of reinforcing beams. 1,989,834; Feb. 5.
- Watson, Charles L., San Francisco, Calif. Constant temperature oven. 2,000,266; May 7.
- Watson, Claude W., and V. Stapleton, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Treatment of hydrocarbon oils. 2,008,480; July 16.
- Watson Company, The. (See Ball, Percy B., assignor.)
- Watson, Coral R., et al. (See Welsh, Paul J., assignor.)
- Watson, Ernest L., and M. E. Watson, Milan, Mich. Furnace construction. 2,020,862; Nov. 12.
- Watson, Edward F., Larchmont, N. Y., assignor to American Telephone and Telegraph Company. Telegraph system. 2,003,325; June 4.
- Watson, Edward F., Larchmont, N. Y., assignor to American Telephone and Telegraph Company. Facsimile telegraph system. 2,005,017; June 18.
- Watson, Ernest, Rosindale, Mass. Grass cutter. 1,992,517; Feb. 26.
- Watson, Ernest, Wauwatosa, Wis. Portable dressing booth. 1,990,804; Feb. 12.
- Watson, Ernest, Wauwatosa, Wis. Brake indicator. 1,992,644; Feb. 26.
- Watson, Ernest A., Birmingham, England. Automatic starting mechanism for motor vehicle engines. 1,989,070; Jan. 22.
- Watson, Ernest A., Birmingham, England, assignor to Eclipse Machine Company, Elmira, N. Y. Automatic starting mechanism for internal combustion engines. 2,001,479; May 14.
- Watson, Ernest A., Birmingham, England, assignor to Eclipse Machine Company, Elmira, N. Y. Automatic engine starting apparatus. 2,020,749; Nov. 12.
- Watson, Estell M., Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp. 1,987,427; Jan. 8.
- Watson, Frank H., Jonesboro, Ark. Valve stem. 2,018,584; Oct. 22.
- Watson, Henry P. (See Cullen, H. E., and Ronning, assignors.)
- Watson, Hiram K., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Fuse construction. 1,987,039; Jan. 8.
- Watson, J. Bruce. (See Lavitt, James E., assignor.)
- Watson, James A., Jr., Silver Spring, Md. Dump truck. 2,023,184; Dec. 3.
- Watson, James B., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Lubricating system. 2,001,857; May 21.
- Watson, James B., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Lubricating system with initial splash. 2,001,858; May 21.
- Watson, James E., Kirkland, Wash. Passenger bus seating arrangement. 2,014,996; Sept. 17.
- Watson, John A., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,016,405; Oct. 8.
- Watson, John A., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device and making the same. 2,025,223; Dec. 24.
- Watson, John A., Hinsdale, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,019,282; Oct. 29.
- Watson, John D. (See Mackay, M. J., and Watson.)
- Watson, John P., Westminster, assignor to Vickers-Armstrongs Limited, London, England. Determining fuze and other values for use in connection with anti-aircraft guns. 1,990,577; Feb. 12.
- Watson, John P., Westminster, London, assignor to Vickers-Armstrongs Limited, London, England. Anti-aircraft gun fire control apparatus. 2,004,067; July 4.
- Watson, John P., assignor to Vickers-Armstrongs Limited, Westminster, England. Stabilizing means for a body subjected to the influence of angular motion. 2,014,825; Sept. 17.
- Watson, John P., assignor to Vickers-Armstrongs Limited, Westminster, England. Apparatus for use in the fire control of guns mounted on unstable platforms. 2,021,708; Nov. 19.
- Watson, John P., Westminster, assignor to Vickers-Armstrongs Limited, London, England. Apparatus for use in the fire control of anti-aircraft guns. 2,023,257; Dec. 3.
- Watson, John W., Wayne, assignor to J. W. Watson Company, Philadelphia, Pa. Hydraulic flow-regulating device. 2,019,440; Oct. 29.
- Watson, John W., Wayne, assignor to J. W. Watson Company, Philadelphia, Pa. Interleaf or spacer. 2,019,441; Oct. 29.
- Watson, John Warren Company. (See Watson, John W., assignor.)
- Watson Laidlow & Company Limited. (See Aitken, George, assignor.)
- Watson, Lorin A., Auburn, Ind., assignor to Auburn Metal Products Company. Bottle stopper. 2,010,502; Aug. 6.
- Watson, Margaret E. (See Watson, Earnest L. and M. E.)
- Watson, Mervin L., Chicago, Ill., and J. C. Walter, assignors to The Alvey-Ferguson Company, Cincinnati, Ohio. Conveyor. 1,990,805; Feb. 12.
- Watson, Mervin L., Chicago, Ill., and J. C. Walter, assignors to The Alvey-Ferguson Company, Cincinnati, Ohio. Conveyor roller. 1,990,806; Feb. 12.
- Watson, Orville C., Oklahoma City, assignor to one-half to W. H. Elliot, Tulsa, Okla. Oil treating device. 1,991,830; Feb. 19.
- Watson, Richard M., Detroit, Mich. Loose leaf binder metal. 2,001,170; May 14.
- Watson, Richard M., Detroit, Mich. Loose leaf binder. 2,005,573; June 18.
- Watson, Roger B., Colorado Springs, Colo. Fountain pen. 2,004,641; June 11.
- Watson, Thomas J., Short Hills, N. J., assignor, by mesne assignments, to International Business Machine Corporation, New York, N. Y. Scale. 1,994,550; Mar. 19.
- Watson, Wilber P. (See Campbell, L. W., and Watson.)
- Watson-Williams Manufacturing Company. (See Spencer, Philip L., assignor.)
- Watt, Elihu D., Plainfield, N. J., assignor to Raymond Concrete Pile Company, New York, N. Y. Concrete pile with enlarged base. 2,007,668; July 9.
- Watt, John A., Clarksburg, W. Va., assignor to Pittsburgh Plate Glass Company. Apparatus for making sheet glass. 2,015,773; Oct. 1.
- Watt, William S., Portland, Ore. Eyeletting machine. 2,018,936; Oct. 29.
- Watt, William W. (See McCormack, A. A., and Watt.)
- Watt, William W., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 1,995,527; Mar. 26.
- Wattells, Frank S., Chicago, Ill. Fuel indicator. 2,020,593; Nov. 12.
- Watters, Luther A., Pearl, Ill. Device for delivering adhesive tape for sealing of packages. 2,024,556; Dec. 17.
- Wattie, William M. (See Gordon, A. A., and Wattie.)
- Wattie, William M., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Head motion for looms. 2,020,445; Nov. 12.
- Wattman, George E., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Curtain construction. 1,992,728; Feb. 26.
- Watts, Cecil F., Miami, Fla. Synchronous telegrapher system. 2,022,330; Nov. 26.
- Watts, George E., Portland, Ore. Rotary motor. 1,987,882; Jan. 15.
- Watts, George W. (See Roberts, J. K., and Watts.)
- Watts, George W., Whiting, Ind., and W. B. Mathews, Chicago, Ill., assignors to Standard Oil Company, Whiting, Ind. Distilling hydrocarbon oils. 1,989,389; Jan. 29.
- Watts, Noble H., Bridgeport, Conn., assignor to General Electric Company. Ironing machine. 2,011,388; Aug. 13.
- Watts, Noble H., Bridgeport, Conn., assignor to General Electric Company. Vacuum cleaner. 2,026,406; Dec. 31.
- Watts, Noble H., and C. A. Clauss, Bridgeport, Conn., assignors to General Electric Company. Razor blade sharpening machine. 1,995,875; Mar. 26.
- Watts, Pryor L., Brooklyn, N. Y., and K. B. Eller, Metuchen, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Oscillatory grid-controlled detector or relay. 2,018,102; Oct. 22.
- Watts, Thomas R., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring apparatus. 2,011,665; Aug. 20.
- Watts, Vilas E., assignor to American Bitumuls Company, San Francisco, Calif. Preparing aggregates and fillers. 2,016,306; Oct. 8.
- Watts, Warren S., Montclair, assignor to United States Foil Company, Jersey City, N. J. Individual cup for ice cream. 2,019,552; Nov. 5.
- Waugh, Arthur L., Chicago, Ill. Ligature package. 1,997,443; Apr. 9.
- Waugh, David D., Kew Gardens, N. Y. Automobile head lamp. 1,998,475; Apr. 23.
- Waugh Equipment Company. (See Clark, Leverett M., assignor.)
- Waugh Equipment Company. (See Thompson, James S., assignor.)
- Waugh, Harvey C., Llanerch, assignor to American Water Softener Company, Philadelphia, Pa. Liquid proportioner. 2,021,247; Nov. 19.

- Waugh, Harvey C., Hammond, Ind., assignor to American Water Softener Company, Philadelphia, Pa. Proportioner for treating material. 2,021,248; Nov. 19.
- Waugh, John D. (See Williams, P., and Waugh.)
- Waugh, Thomas, Jr., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for supplying molten glass. 2,014,075; Sept. 10.
- Wauksa Motor Company. (See Fisher, J. B., and Hofmann, assignors.)
- Waxed Products Company, Inc. (See Spaldo, Louis C., assignor.)
- Waxler, Reuben L., et al. (See King, Walter E., assignor.)
- Wayer, Henry, Columbus, Ohio. Faucet. 2,011,329; Aug. 13.
- Wayer, Henry, Columbus, Ohio. Faucet or valve. 2,023,560; Dec. 10.
- Wayland, Frank. (See Reiman, C. K., and Wayland.)
- Wayland, Frank, Salem, Mass. Tanning leather and article made thereby. 1,998,567; Apr. 23.
- Wayles, Edgar E., East Hartford, Conn. Humidifier. 1,995,409; Mar. 26.
- Wayne Company. (See Jauch, R. J., and Arnold, assignors.)
- Wayne, Herbert N., Santa Monica, Calif. Drain pipe cleaning device. 2,001,230; May 14.
- Wayne, Herbert N., Santa Monica, Calif. Float valve. 2,014,600; Sept. 17.
- Wayne Works, The. (See Clements, John W., assignor.)
- Wayside Gardens Company, The. (See Grullemans, John J., assignor.)
- Weale, Alfred, Heswall, England, assignor to Imperial Chemical Industries Limited. Priming composition. 2,024,406; Dec. 17.
- Wean Engineering Company. (See Evans, Archibald D., assignor.)
- Wean Engineering Company, The. (See Wean, R. J., and Peik, assignors.)
- Wean, Raymond J., and L. D. Peik, assignors to The Wean Engineering Company, Inc., Warren, Ohio. Metal treating apparatus. 2,001,948; May 21.
- Wear, Charles, Jr., Medford, Mass. Brake assisting device. 2,024,016; Dec. 10.
- Wear, Charles W., Youngstown, Ohio. Paint striping device. 2,010,682; Aug. 6.
- Weatherby, Joseph, Harrisburg, Pa. Liquid heater. 1,994,119; Mar. 12.
- Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Control device. 1,986,232; Jan. 1.
- Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Hose coupling. 2,000,680; May 7.
- Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Merchandising device. 2,008,429; July 16.
- Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Hose coupling. 2,008,650; July 16.
- Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Hose coupling. 2,015,541; Sept. 24.
- Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Securing hoses and couplings. 2,025,427; Dec. 24.
- Weatherhead Company, The. (See Crawley, Charles H., assignor.)
- Weatherhead Company, The. (See Stecher, Henry D., assignor.)
- Weatherhead Company, The. (See Weatherhead, Albert J., Jr., assignor.)
- Weatherly, William J., Tampa, Fla. Loose leaf binder. 2,017,742; Oct. 15.
- Weaver, Earl L., assignor to The Goshen Manufacturing Company, Goshen, Ind. Gliding swing rocker. 1,986,233; Jan. 1.
- Weaver, Edgar R., Dayton, Ohio. Vehicle brake. 1,989,726; Feb. 5.
- Weaver, Edward C., Seymour, and W. Randall, Derby, assignors to H. P. & E. Day, Inc., Seymour, Conn. Pencil. 2,023,865; Dec. 10.
- Weaver, Edward G., Butte, Mont. Casting reel. 2,002,424; May 21.
- Weaver Engineering Company. (See Weaver, Ira A., assignor.)
- Weaver, Harry C., San Gabriel, assignor of one-half to D. Grattan, Los Angeles, Calif. Spring suspension mechanism for vehicles. 2,005,513; June 18.
- Weaver, Harry C., San Gabriel, Calif., assignor to W. E. Sharp, deceased, Chicago, Ill. M. E. Sharp, executrix. Exerciser. 2,015,298; Sept. 24.
- Weaver, I. A., Engineering Company. (See Weaver, Ira A., assignor.)
- Weaver, Ira A., assignor to Weaver Engineering Company, Springfield, Ill. Vehicle lift. 2,015,357; Sept. 24.
- Weaver, Ira A., assignor to Weaver Manufacturing Company, Springfield, Ill. Vehicle-wheel alignment indicator. 1,992,264; Feb. 26.
- Weaver, Ira A., assignor to I. A. Weaver Engineering Company, Springfield, Ill. Vehicle-wheel testing appliance. 2,018,160; Oct. 22.
- Weaver, Ira A., A. R. Squyer, and E. K. Hall, Springfield, Ill., assignors to Weaver Manufacturing Company, Springfield, Ill. Wheel testing apparatus. 2,003,912; June 4.
- Weaver, James A., Jr. (See Blackburn, J., and Weaver.)
- Weaver, James A., Jr., Webster Groves, Mo. Unitary wire connector. 1,993,391; Mar. 5.
- Weaver, Jesse M., Charleston, S. C., assignor to Raybestos Manhattan, Inc., Passaic, N. J. Insulating covering for pipes. 1,986,952; Jan. 8.
- Weaver, Jesse M., Charleston, S. C., assignor to Raybestos-Manhattan, Incorporated, Passaic, N. J. Wick for oil burners. 2,009,865; July 30.
- Weaver, Joseph W., Lebanon, Pa. Valve structure. 1,997,955; Apr. 16.
- Weaver, Leo L. (See Ford, B. K., and Weaver.)
- Weaver Manufacturing Company. (See Keim, William, assignor.)
- Weaver Manufacturing Company. (See Weaver, Ira A., assignor.)
- Weaver Manufacturing Company. (See Weaver, I. A., Squyer, and Hall, assignors.)
- Weaver, Myron A. (See Coolidge, O. H., and Weaver.)
- Weaver-Wall Company, The. (See Gibson, John H., assignor.)
- Weaver, Walter A., North Platte, Nebr. Automobile license plate holder. 2,010,385; Aug. 6.
- Weaver, Willard T., Chicago, Ill. Refrigerant valve. 1,996,892; Apr. 9.
- Weaver, William E., Toronto, Ontario, Canada, assignor to General Electric Company. Furnace. 2,019,283; Oct. 29.
- Weaving Machine Company, The. (See MacEwan, W. R., and Villa, assignors.)
- Webb, Arthur B. (See Cadwell, E. B., and Webb.)
- Webb, Byron H., Washington, D. C. dedicated to the Free Use of the Public. Treating milk. 2,010,573; Aug. 6.
- Webb, Charles H. (See Hight, G. F., and Webb.)
- Webb, Christopher F. (See Black, H. D., and Webb.)
- Webb, Christopher F., Kenton Park, assignor to Bell Punch Company Limited, Middlesex, England. Ticket issuing machine. 1,994,030; Mar. 12.
- Webb, Christopher F., assignor of one-half to H. D. Black, Middlesex, England. Ticket printing and issuing machine. 2,020,594; Nov. 12.
- Webb City Bank et al. (See Gwathmey, Joseph H., assignor.)
- Webb, Cyril P. (See Webb, Purcell T., M. R., and C. P.)
- Webb, Edmond F. (See Hansen, W. C. and Webb.)
- Webb, Edwin W. (See Barber, F. L., and Webb.)
- Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Side bearing. 1,989,253; Jan. 29.
- Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Lateral motion spring damping car truck. 2,013,797; Sept. 10.
- Webb, Florence M., administratrix. (See MacKenzie, Frank P., assignor.)
- Webb, George, West Hartford, Conn. Pump. 1,993,423; Mar. 5.
- Webb, George, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Dishwashing machine. 2,017,677; Oct. 15.
- Webb, George F., Hamilton, Ontario, Canada. Direction indicator. 1,994,737; Mar. 19.
- Webb, George H., Glendale, Long Island, N. Y. Collapsible support. 1,995,163; Mar. 19.
- Webb, George H., Edgware, Middlesex, assignor to Desauter Brothers Limited, London, England. Joint for artificial limbs. 2,024,673; Dec. 17.
- Webb, Herbert H., Dayton, Ohio. Liquid measuring apparatus. 2,018,538; Oct. 22.
- Webb, Irving F. (See Peets, W. J., and Webb.)
- Webb, Irving F., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Automatic sewing machine. 2,024,120; Dec. 10.
- Webb, Jervis B., Royal Oak, and N. H. Preble, Grosse Pointe, Mich. Selective conveyer system. 1,986,420; Jan. 1.
- Webb, John G., Richmond, Va., assignor to I. H. Stant, Connorsville, Ind. Automobile tank cap. 1,989,300; Jan. 29.
- Webb, Muriel R. (See Webb, Purcell T., M. R., and C. P.)
- Webb, Paul A., Pittsburgh, Pa. Transfusion device. 2,015,574; Sept. 24.
- Webb, Purcell T., M. R., and C. P., Brighton Beach, Victoria, Australia. Fitting for sildable structures. 1,992,683; Feb. 26.
- Webb, Rayburn S. (See Shemwell, D., and Webb.)
- Webb, Robert R., assignor to Charles R. Hadley Company, Los Angeles, Calif. Locking mechanism for binders. 1,997,664; Apr. 16.
- Webb, William M. (See Strunk, Otha M., assignor.)
- Webber, Charles A., Brooklyn, N. Y. Gas burner. 2,022,066; Nov. 26.
- Webber, Charles S. (See Van Dyke, R. H., Webber, and Staud.)
- Webber, Charles S., Springfield, Mass., assignor to The Fiberloid Corporation, Indian Orchard, Mass. Composition. 2,014,403; Sept. 17.
- Webber, Charles S., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Changing the solubility of cellulose acetate. 1,994,599; Mar. 19.
- Webber, Daniel, Grafton, N. Dak. Permanent waving device. 1,998,062; Apr. 16.
- Webber, James A., et al. (See Warren, John R., assignor.)
- Webber, James A., Chester, Pa., assignor to The Viscose Company, Marcus Hook, Pa. Preparing yarn packages to facilitate unwinding. 2,025,920; Dec. 31.
- Weber, Albert L. (See McLean, H. C., and Weber.)

- Weber, David, assignor to David Weber and Company, Philadelphia, Pa. Making corrugated board. 2,008,974; July 23.
- Weber, David, and Company. (See Weber, David, assignor.)
- Weber, Don A., assignor to The Deister Concentrator Company, Fort Wayne, Ind. Screening apparatus. 1,999,673; Apr. 30.
- Weber, Edmund P., et al. (See Grayson, George W., assignor.)
- Weber, Edwin Pierce, et al. (See Howarth, Ashton, assignor.)
- Weber Electric Company. (See Butler, William L., assignor.)
- Weber, Eugene H., assignor to The Gates Rubber Company, Denver, Colo. Belt of the side-driving type. 1,988,431; Jan. 15.
- Weber, Franz. (See Wollner, M., and Weber.)
- Weber, Grable B., Chicago, and A. D. Sanders, Jr., Evanston, Ill. Device for and method of packing and protecting objects. 2,006,224; June 25.
- Weber, Harold C., Milton, Mass., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,018,161; Oct. 22.
- Weber, Harry, Philadelphia, Pa. Stopper opener. 2,014,753; Sept. 17.
- Weber, Harry M., Newton, Mass. Plaster bandage. 2,009,597; July 30.
- Weber, Hermann A. (See Perry, A. A., and Weber.)
- Weber, Howard H., Rome, assignor to General Cable Corporation, New York, N. Y. Cable. 1,993,424; Mar. 5.
- Weber, Isadore H., Philadelphia, Pa. Box folding apparatus. 1,993,869; Mar. 12.
- Weber, Jay J., Tulsa, Okla. Train automatic air connector. 2,000,726; May 7.
- Weber, John, assignor to West Branch Novelty Company, Milton, Pa. Lid mounting for cedar chests. 1,998,599; Apr. 23.
- Weber, John, assignor to West Branch Novelty Company, Milton, Pa. Cedar chest. 1,998,600; Apr. 23.
- Weber, John A., Detroit, Mich. Closure for containers. 2,011,742; Aug. 20.
- Weber, John A., Chicago, Ill. Directory board and the like. 2,019,107; Oct. 29.
- Weber, Karl, Geisweid, Siegen, Germany. Centrifugal casting machine. 2,008,196; July 16.
- Weber, Kurt. (See Fink, H., Weber, and von Wistinghausen.)
- Weber, Leonard P., Omaha, assignor of forty per cent to F. B. Wallace, Omaha, Nebr. Safety stop for shade rollers. 2,020,595; Nov. 12.
- Weber, Lewis F., New Rochelle, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,018,822; Oct. 29.
- Weber, Mathias J., assignor to Continental Scale Works, Chicago, Ill. Weighing scale. 2,019,751; Nov. 5.
- Weber, Otto, West Orange, N. J. Automatic fluid flow regulator. 2,019,589; Nov. 5.
- Weber, Philip F. (See Reichel, W. A., and Weber.)
- Weber, Philip F., Monmouth Beach, N. J., and W. E. Dankau, Ozone Park, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Magnetic compass. 2,008,481; July 16.
- Weber, Richard, & Co. (See Erdmann, A., and Bertram, assignors.)
- Weber, Theodore R. (See Strandberg, A. K., Weber, and Ipsen.)
- Weber, Walter C. (See Gray, D. E., and Weber.)
- Weber, Walter C., assignor to Corning Glass Works, Corning, N. Y. Glass working apparatus. 1,988,883; Jan. 22.
- Weber, Walter H., assignor to Detroit Lubricator Company, Detroit, Mich. Carburetor. 2,001,993; May 21.
- Weber, Walter H., assignor to Detroit Lubricator Company, Detroit, Mich. Carburetor. 2,026,485; Dec. 31.
- Weber, William C., Larchmont, assignor to The Dorr Company, Inc., New York, N. Y. Grit removal apparatus. 1,997,161; Apr. 9.
- Weber, William G. (See Schopbach, C. H., and Weber.)
- Webster, Beulah B., Madison, Wis. Educational appliance. 2,014,675; Sept. 17.
- Webster, Duane E., Worcester, assignor to Norton Company, Worcester, Mass. Saw tooth. 2,009,598; July 30.
- Webster Electric Company. (See Dalry, Roy, assignor.)
- Webster Electric Company. (See Fellows, Harrison E., assignor.)
- Webster Electric Company. (See Kleckner, Arthur C., assignor.)
- Webster Electric Company. (See Kleckner, A. C., and Fellows, assignors.)
- Webster Engineering Company, The. (See Gibson, Carl W., assignor.)
- Webster, Henry F., St. Louis, Mo. Mechanical looper. 2,007,356; July 9.
- Webster, Hugh G., assignor of one-half to J. W. G. Winnett, London, Ontario, Canada. Polymerization of nickel carbonyl. 2,002,805; May 28.
- Webster, John H., Newington, assignor to The Stanley Works, New Britain, Conn. Box strapping tool. 2,007,781; July 9.
- Webster, Joseph, Kalamazoo, Mich. Barber's neck-cloth and towel. 1,995,760; Mar. 26.
- Webster, Luther T., Evansville, Ind. Bath spray brush. 1,994,413; Mar. 12.
- Webster, Shirley, et al. (See Brady, Lester C., assignor.)
- Webster, William S., Palmyra, N. J., assignor to Radio Corporation of America. Aircraft direction finder. 2,015,828; Oct. 1.
- Wechsberg, Anna M. C., et al., trustees. (See Coppus, Frans H. C., assignor.)
- Wechsler, Georges, Antwerp, Belgium. Automatic device for closing the cage and well gates of lifts and the like. 2,018,753; Oct. 29.
- Wecker, Albert W. (See Carpenter, A. D. and Thach, assignors.)
- Weckerly, Archie E., Pittsburgh, Pa., assignor to National Tube Company. Pipe testing mechanism. 1,994,675; Mar. 19.
- Weckerly, Hugh D. G., and E. T. Norman, San Diego, Calif. Skylight construction. 2,015,774; Oct. 1.
- Weckerly, Mark A., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,013,935; Sept. 10.
- Weckstein, Samson M., assignor to The Timken Roller Bearing Company, Canton, Ohio. Car wheel bearing and closure. 1,999,710; Apr. 30.
- Weckstein, Samson M., assignor to The Timken Roller Bearing Company, Canton, Ohio. Wheel and bearing. 2,024,121; Dec. 10.
- Wedberg, Frank A. (See Weymouth, F. R., and Wedberg.)
- Weddel, Ralph O., Battle Creek, Mich. Detecto reflector for motor vehicles. 1,997,026; Apr. 9.
- Wedeborg, Reuben. (See Davis, E. W., and Wedeborg.)
- Wedekind, August, Chicago, Ill. Paper cutter. 1,996,224; Apr. 2.
- Wedemeier, Ernest A. (See Vandervoort, Milford T., assignor.)
- Wedemeyer, Rupert G. (See McLaughlin, W. I., Herrick and Wedemeyer.)
- Wedge, Fred D. (See Dawson, G. H., and Wedge.)
- Wedge, Fred D., Lombard, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,020,129; Nov. 5.
- Wedge, Ralph F., Albert Lea, Minn. Plant package in box. 1,991,478; Feb. 19.
- Wedmore, Edmund B. (See Whitney, W. B., and Wedmore.)
- Wee, Theodore M., Butte, Mont. Meat rack. 1,992,106; Feb. 19.
- Weed, Floyd, Jefferson City, Tenn. Concentrating chromite ores by froth flotation. 2,014,404; Sept. 17.
- Weed, Floyd, Jefferson City, Tenn. Concentrating iron ores by froth flotation. 2,014,405; Sept. 17.
- Weed, Floyd, Jefferson City, Tenn. Flotation of manganese ores. 2,014,407; Sept. 17.
- Weed, Floyd, Jefferson City, Tenn., and E. E. Ellis, Short Hills, N. J. Concentrating nonsulphide minerals by froth flotation. 2,014,406; Sept. 17.
- Weed, Harry D., Southport, Conn. Antiskid cross chain. 2,026,151; Dec. 31.
- Weed, Howard L., Los Angeles, Calif. Internal combustion rotary engine. 2,020,089; Nov. 5.
- Weed, James M., Ballston Lake, N. Y., assignor to General Electric Company. Welding electrode. 1,992,792; Feb. 26.
- Weed, James M., Ballston Lake, N. Y., assignor to General Electric Company. Welding electrode and making the same. 1,998,947; Apr. 23.
- Weed, James M., Ballston Lake, N. Y., assignor to General Electric Company. Electric motor. 2,020,090; Nov. 5.
- Weed, Lyle A., Iowa City, Iowa, assignor to The Hamilton Laboratories, Inc., Hamilton, Ohio. Germicide. 2,014,676; Sept. 17.
- Weed, Walter A., Lakeland, Fla. X-ray or radiographic apparatus. 2,004,232; June 11.
- Weeks, Charles, assignor to The Armand Company, Des Moines, Iowa. One hand compact. 2,004,424; June 11.
- Weeks, Charles, assignor to The Armand Company, Des Moines, Iowa. Mailing carton. 2,022,906; Dec. 3.
- Weeks, Charles J., Jacksonville, Fla., assignor, by mesne assignments, to Motor Power, Inc., Atlanta, Ga. Internal combustion engine. 1,992,265; Feb. 26.
- Weeks, Charles J., Jacksonville, Fla., assignor, by mesne assignments, to Motor Power, Inc., Atlanta, Ga. Internal combustion engine. 1,992,266; Feb. 26.
- Weeks, Ernest A., assignor to Root Spring Scraper Company, Kalamazoo, Mich. Snowplow. 2,022,393; Nov. 26.
- Weeks, Francis H., New York, N. Y. Stevedoring apparatus. 2,000,054; May 7.
- Weeks, Robert W., West Chester, Pa. Impeller. 2,008,234; July 16.
- Weeks, Walter R. (See De Laney, W. W., and Weeks.)
- Weeks, Walter R., Paris, France. Apparatus for simultaneously coating the ends of a number of objects. 1,988,990; Jan. 22.
- Weeks, Walter S., Berkeley, Calif. Apparatus for measuring rate of cooling. 2,016,660; Oct. 8.
- Weeldenburg, Johannes G. (See Koch, T., and Weeldenburg.)
- Weems, Philip Van H., U. S. Navy. Navigational instrument. 1,985,907; Jan. 1.
- Weems, Philip Van Horn, Cornado, Calif. Method of and apparatus for navigators' time keeping. 2,008,734; July 23.
- Weerts, Victor, Brussels, Belgium. Manufacturing active carbon. 2,025,367; Dec. 24.
- Weesner, Lehn W., Cincinnati, Ohio. Artificial fishing bait. 2,013,226; Sept. 3.

- Wefelscheid, Paul, Braubach, Germany, assignor to American Lurgi Corporation, New York, N. Y. Refining molten zinciferous lead. 1,995,593; Mar. 26.
- Weßing, Adolf, Witten/Ruhr, Germany, assignor to Tubus A. G., Zurich, Switzerland. Extrusion press. 2,006,080; June 25.
- Weßing, Adolf, Witten/Ruhr, Germany, assignor to Tubus A. G., Zurich, Switzerland. Production of seamless tubes and other elongate articles. 2,023,776; Dec. 10.
- Wege, Philip, assignor to Amity Leather Products Co., West Bend, Wis. Pocketbook. 1,998,150; Apr. 16.
- Wegener, Francis A., assignor to Welsbach Company, Gloucester City, N. J. Compressor and sealing means therefor. 1,986,905; Jan. 8.
- Wegener, Francis A., Gloucester, assignor to Welsbach Company, Gloucester City, N. J. Automatic burner. 1,997,251; Apr. 9.
- Wehn, Charles E., Alameda, Calif. Mechanical pencil. 2,017,555; Oct. 15.
- Wehnert, Waldemar. (See Jobst, G., and Wehnert.)
- Wehnert, Waldemar, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Filament for thermionic tube. 1,987,424; Jan. 8.
- Wehnert, Waldemar, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplifier. 2,017,112; Oct. 15.
- Wehr, Georg. (See Schildgen, G., and Wehr.)
- Wehren, Ernst, Bern, Switzerland. Coin freed substitution for automatic telephone systems. 2,000,804; May 7.
- Wehrhan, Edward, Earp, Calif. Combined seed planter. 1,994,552; Mar. 19.
- Wehrle Company, The. (See Pickup, George E., assignor.)
- Wehrli, William, et al. (See Hale, Oscar G., assignor.)
- Wehrly, Clarence G., Detroit, Mich. Apparatus for lubricating trolleys. 2,004,386; June 11.
- Weibel, Alfred, Spiez, Switzerland. Peeling apparatus for leguminous tubers. 1,988,098; Jan. 15.
- Weibezahn, Karl, and F. Walter, Knapsack near Cologne-on-the-Rhine, assignors to Aktiengesellschaft für Stickstoffdünger, Knapsack, near Cologne-on-the-Rhine, Germany. Preparing acetic acid from acetaldehyde. 2,001,171; May 14.
- Weibezahn, Walter. (See Nicodemus, O., and Weibezahn.)
- Weichal, Harvey A., Kansas City, Mo. Combined churn and washing machine. 1,986,085; Jan. 1.
- Weichsel, Hans, assignor to Wagner Electric Corporation, St. Louis, Mo. Electric power transmission apparatus. 2,018,336; Oct. 22.
- Weichwald, John, Chicago, Ill. Propeller. 2,014,242; Sept. 10.
- Weickel, Philipp, Coblenz, Germany. Dropping stopper. 1,996,533; Apr. 2.
- Weidenhoff, Joseph. (See Neal, Leon P., assignor.)
- Weidenhoff, Joseph, Inc. (See Haskins, Butler J., assignor.)
- Weidenhoff, Joseph, Incorporated. (See Neal, Leon P., assignor.)
- Weidenhoff, Joseph, Inc. (See Saballus, Erwin, assignor.)
- Weidenhoff, Joseph, Incorporated. (See Taylor, John, assignor.)
- Weidhaas, Albert A., et al. (See Potsubay, Samuel, assignor.)
- Weidhaas, William A., et al. (See Potsubay, Samuel, assignor.)
- Weidmann, Hans, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Production of copper-sulphate. 1,995,555; Mar. 26.
- Weidner, Carl, Berlin, Germany, assignor to Paul H. von Schele, Chicago, Ill. Incandescent lamp with diffusing lamella. 1,996,225; Apr. 2.
- Weidner, Willy, New York, N. Y., assignor to F. Litvack, Lynn, Mass. Shoe. Des. 95,097; Apr. 2.
- Weierich, Andrew C., assignor to The Vitreous Enameling Company, Cleveland, Ohio. Producing ornamental enameled ware. 2,002,806; May 28.
- Weigand, Herman, Leavenworth, Kans. Milk bottle suspension device. 1,989,436; Jan. 29.
- Weigand, Sylvester A. (See Bolton, J. W., and Weigand.)
- Weigel, Charles, Hebron, N. Dak. Light weight clay product and making. 1,997,282; Apr. 9.
- Weigel, Frederick A., East Lynn, Mass., assignor to General Electric Company. Electric switch. 1,998,403; Apr. 16.
- Weigel, Norman E., Short Hills, N. J. Fountain pen. 1,989,220; Jan. 29.
- Weiger, John, assignor to one-half to J. J. V. Burkin, Brooklyn, N. Y. Safety razor. 2,024,710; Dec. 17.
- Weiger, Joseph A., assignor to P. R. Mallory & Co., Incorporated, Indianapolis, Ind. Valve seat. 2,004,259; June 11.
- Weightman, John S., Dale End, Birmingham, assignor to Gaskell & Chambers, Limited, Birmingham, England. Measuring tap. 2,016,583; Oct. 8.
- Weightman, William A., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Cam escapement welding machine. 2,015,914; Oct. 1.
- Weigmann, Hermann. (See Winkler, F., Feller, and Weigmann.)
- Weigner, Otto, Vienna, and W. Senft, Weiz., Styria, assignors to "Elin" Aktiengesellschaft für Electricische Industrie, Vienna, Austria. Apparatus for automatic electric arc welding. 2,001,231; May 14.
- Weihe, Adolf, assignor to Deutsche Celluloid-Fabrik, Eilenburg-in-Sachsen, Germany. Cellulose esters of partly esterified polybasic acids. 2,003,408; June 4.
- Weihe, Frederick A., Jr., assignor to McAleer Manufacturing Company, Detroit, Mich. Anticorrosive solution. 2,023,755; Dec. 10.
- Weihe, Werner, Reinickendorf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Arrangement for producing and receiving short waves. 2,013,773; Sept. 10.
- Weijers, Theodorus J. (See Posthumus, K., and Weijers.)
- Weikel, Henry C., Jr., assignor to The United States Printing and Lithograph Co., Baltimore, Md. Testing apparatus. 2,000,502; May 7.
- Weil, Hans H., Stockholm, Sweden. Electrostatic flying toy. 2,018,585; Oct. 22.
- Weil, Lee K. (See Montgomery, Francis E., assignor.)
- Weil-McLain Company. (See Casserly, Thomas D., assignor.)
- Weil-McLain Company. (See Good, C. W., Naylor, and Regan, assignors.)
- Weil, William H., Hollis, assignor to Stransky Products Corporation, New York, N. Y. Display card. 2,009,422; July 30.
- Weiland, Frank E., West Palm Beach, Fla., assignor of one-half to J. Hatfield, Huntington, W. Va. Dual speed axle gearing. 1,988,182; Jan. 15.
- Weiland, Henry J., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of aromatic hydrazo compounds. 2,012,234; Aug. 20.
- Weiland, Henry J., South Milwaukee, and V. M. Weinmayr, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Benzanthrone compounds and preparing the same. 1,990,506; Feb. 12.
- Weiland, Henry J., South Milwaukee, and E. C. Buxbaum, Shorewood, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of 1-N-methyl-4-halogen-anthrapyridone. 2,012,235; Aug. 20.
- Weiland, Henry J., South Milwaukee, and M. A. Prah, Milwaukee, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphonation of rosin and its derivatives. 2,015,023; Sept. 17.
- Weiland, James F., Otter Creek, Iowa. Motor vehicle. 1,988,975; Jan. 22.
- Weiler, Edward G., Columbus, Ohio. Vending apparatus. 2,008,735; July 23.
- Weiler, Edward G., Columbus, Ohio. Vending apparatus. 2,016,127; Oct. 1.
- Weiler, John E., Wichita Falls, Tex. Method of and composition for retarding the setting time of Portland cement. 2,006,426; July 2.
- Weiller, Paul G., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America. Cathode. 2,015,417; Sept. 24.
- Weimer, Raymond S., Wilmington, Ill. Tooth for excavating machines. 1,989,123; Jan. 29.
- Weimer, Raymond S., Wilmington, Ill. Tooth base for excavating buckets. 1,989,776; Feb. 5.
- Weimer, Raymond S., Wilmington, Ill. Excavating apparatus. 2,014,792; Sept. 17.
- Weimont, Joseph, Bogota, N. J., assignor to A. Kimball Company, New York, N. Y. Tag marking machine. 1,986,655; Jan. 1.
- Wein, Samuel, New York, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Producing photo-electric tubes. 2,006,850; July 2.
- Weinand, Klaus, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Anthrapyridone sulphonic acid and making the same. 2,025,921; Dec. 31.
- Weinand, Klaus, Leverkusen-I. G. Werk, C. Bamberger, Cologne-Mulheim, and H. Utsch, Leverkusen-Wiesdorf, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Nitrogen containing anthraquinone derivatives. 2,001,044; May 14.
- Weinbaum, Edward, New York, N. Y. Combined foldable table and chairs. 2,019,374; Oct. 29.
- Weinberg, Alexander, New York, N. Y. Game apparatus. 1,996,986; Apr. 9.
- Weinberg, Alexander, New York, N. Y. Figure toy. 2,019,516; Nov. 5.
- Weinberg, Jules H. (See Tracey, James, assignor.)
- Weinberger, Emanuel M., Bronx, N. Y. Filter for greases and oils used in cooking and frying. 1,998,797; Apr. 23.
- Weinberger, Julius, New York, N. Y., assignor to Radio Corporation of America. Radio frequency distribution system. 2,003,962; June 4.
- Weinberger, Maurice X. C., Brooklyn, N. Y., assignor to Self Extinguishing Cigarette Corporation, a corporation of New York. Cigarette. 1,999,222; Apr. 30.
- Weinberger, Maurice X. C., Brooklyn, assignor to Self Extinguishing Cigarette Corporation, New York, N. Y. Cigarette making machine. 1,999,223; Apr. 30.
- Weinberger, Max, Berlin, Germany. Apparatus for the evaporation of chemicals in rooms. 1,992,684; Feb. 26.
- Weiner, Charles, assignor to Chicago Printed String Co., Chicago, Ill. Package. 1,986,234; Jan. 1.
- Weiner, Charles, assignor to Chicago Printed String Co., Chicago, Ill. Package. 2,006,662; July 2.
- Weinerth, George S., et al. (See Berstler, Carl E., assignor.)

- Weingand, Richard, Bomlitz, Germany, assignor to Sylva Industrial Corporation, New York, N. Y. Shrinkable container closure. 2,008,778; July 23.
- Weingand, Richard, and J. Seiberlich, Bomlitz, near Walsrode, Germany. Increasing the moistureproof qualities of sheets of organic matter. 1,988,099; Jan. 15.
- Weinhart, Howard W., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sealed joint and making same. 1,986,656; Jan. 1.
- Weinhart, Howard W., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Glow discharge device. 1,992,267; Feb. 26.
- Weinhart, Howard W., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Spring winding machine. 2,021,276; Nov. 19.
- Weinholz, Gustav, assignor to Phoenix Hosiery Company, Milwaukee, Wis. Stocking. 1,987,090; Jan. 8.
- Weinig, Arthur J., Golden, assignor to The Morse Brothers Machinery and Supply Company, Denver, Colo. Impeller. 1,998,694; Apr. 23.
- Weinlich, Hermann A., and U. Kölm, Berlin, Germany, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Card verifier. 2,000,203; May 7.
- Weinlich, Hermann A., Berlin-Charlottenburg, and U. Kölm, Berlin, Germany, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Printing control mechanism. 2,010,654; Aug. 6.
- Weinman, Edwin L., Chicago, Ill. Reversible couch bed. 1,995,787; Mar. 26.
- Weinman, George E. (See Inman, W. H., and Weinman.)
- Weinmayr, Viktor M. (See Weiland, H. J., and Weinmayr.)
- Weinmayr, Viktor M., Milwaukee, and J. M. Tinker, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing benzanthrone carboxylic acid. 1,990,807; Feb. 12.
- Weinrich, Otto, Welsburg-Hückingen, Germany. Production of fusion-welded hollow bodies. 2,025,922; Dec. 31.
- Weinrich, Walter H., assignor to Stewart-Warner Corporation, Chicago, Ill. Refrigerator evaporator door. 2,024,493; Dec. 17.
- Weinschreider, Walter L., Chicago, Ill. Necktie retainer. 2,009,911; July 30.
- Weinstein, Himon, assignor to Tillie Berman, Rochester, N. Y. Shoe stretcher. 2,023,038; Dec. 3.
- Weinstein, Leon, St. Louis, Mo. Tool. 2,008,890; July 23.
- Weinstein, Louis H., Mount Vernon, N. Y. Collar. 1,994,600; Mar. 19.
- Weinstein, Maurice M. (See Kolkiewicz, A., and Weinstein.)
- Weinstein, Philip, Brooklyn, N. Y. Shoe. Des. 95,096; Apr. 2.
- Weinzierl, Joseph T. (See Matter, J. K., and Weinzierl.)
- Weir, G. & J., Limited. (See Dight, Sydney R., assignor.)
- Weir, G. & J., Limited. (See Hillier, Harold, assignor.)
- Weir, G. & J., Limited. (See Pullin, Cyril G., assignor.)
- Weir, Gordon E., Bayside, N. Y. Envelope. 2,021,620; Nov. 19.
- Weir, Horace M., assignor to The Atlantic Refining Company, Philadelphia, Pa. Liquid vapor contacting process and apparatus. 1,989,033; Jan. 22.
- Weir, Irvin R., Schenectady, N. Y., assignor to General Electric Company. Electron discharge amplifier circuit. 1,998,298; Apr. 16.
- Weir, James, Canton, Ill. Repair valve seat. 2,001,830; May 21.
- Weir, James W., Los Angeles, Calif., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Dewaxing oils. 2,005,062; June 18.
- Weir, Roy W., assignor to Mott Sand Blast Manufacturing Company, Chicago, Ill. Nozzle for sand blast machines. 1,986,906; Jan. 8.
- Weir, William J. (See Crisp, Walter S., assignor.)
- Weirich, James E. (See Lindenmuth, J. M., and Weirich.)
- Weis, Albert H. (See Weis, J. P., and Albert H.)
- Weis, Albert H., assignor to Metropolitan Sewing Machine Corporation, Nyack, N. Y. Trimming attachment for sewing machines. 1,997,617; Apr. 16.
- Weis, Arthur R., et al. (See Bigelow, George E., assignor.)
- Weis, Arthur R. (See Bigelow, G. E., and Weis.)
- Weis, Arthur R., Huntington Park, and G. E. Bigelow, Southgate, assignors of one-half to Pacific Pump Works, Huntington Park, Calif. Seal for rotating shafts. 2,007,414; July 9.
- Weis, Henry, Manufacturing Company. (See Jones, Arthur E., assignor.)
- Weis, John A. (See Miller, Samuel C., assignor.)
- Weis, John P., assignor to Metropolitan Sewing Machine Corporation, Nyack, N. Y. Trimming mechanism for sewing machines. 1,998,111; Apr. 16.
- Weis, John P., assignor to Metropolitan Sewing Machine Corporation, Nyack, N. Y. Sewing machine for stitching multiple seams. 2,003,672; June 4.
- Weis, John P., assignor to Metropolitan Sewing Machine Corporation, Nyack, N. Y. Stitching mechanism. 2,010,574; Aug. 6.
- Weis, John P., and A. H. Weis, assignors to Metropolitan Sewing Machine Corporation, Nyack, N. Y. Thread controlling mechanism. 1,993,392; Mar. 5.
- Weis, John P., and A. H. Weis, assignors to Metropolitan Sewing Machine Corporation, Nyack, N. Y. High speed cross stitch mechanism. 2,013,019; Sept. 3.
- Weis, Joseph H., Scranton, Pa., assignor to Feldspathic Research Corporation, New York, N. Y. Ceramic flux and making same. 2,024,407; Dec. 17.
- Weis, Paul B., assignor to S. Eugene Miller, Aurora, Ill. Apparatus for the treatment of the cooling medium for internal combustion engines. 1,994,551; Mar. 19.
- Weis, Paul B., assignor to S. E. Miller, Aurora, Ill. Keyless lock mechanism. 2,000,111; May 7.
- Weis, Paul B., assignor to The Miller-Bryant-Pierce Co., Aurora, Ill. Ribbon spool. 2,006,663; July 2.
- Weis, William, New York, N. Y., assignor to Certified Flexible Couplings, Inc. Coupling. 2,022,626; Nov. 26.
- Weisbach, Rudolph, Los Angeles, Calif. Bottle closure. 2,003,873; June 4.
- Weisbaum, Joseph M., et al. (See Livingston, Maurice H., assignor.)
- Weisbecker, Frank G., Glenside, assignor to Arcadia Hosiery Company, Lansdale, Pa. Thread carrier for knitting machines. 2,014,341; Sept. 10.
- Weisbecker, Frank G., Glenside, assignor to Arcadia Hosiery Company, Lansdale, Pa. Knitting machine. 2,026,514; Dec. 31.
- Weisbrenner, R. F. (See Heath, Albert, assignor.)
- Weisbrod, Carl C., assignor to One Minute Washer Company, Newton, Iowa. Wringer for washing machines. 2,019,881; Nov. 5.
- Weiscopf, Marcus W., assignor to International Resistance Company, Philadelphia, Pa. Resistance. 1,993,494; Mar. 5.
- Weiscopf, Marcus W., assignor to International Resistance Company, Philadelphia, Pa. Resistance. 1,993,495; Mar. 5.
- Weiscopf, Marcus W., assignor to International Resistance Company, Philadelphia, Pa. Resistance. 1,993,496; Mar. 5.
- Weise, Erwin. (See Meyer, W., and Weise.)
- Weisel, Edward A., Newark, N. J. Electric grilling apparatus. 2,020,446; Nov. 12.
- Weisend, Otto F., Columbus, Ohio. Coat. 2,013,324; Sept. 3.
- Weiser, Julius G., New York, N. Y. Fabric weave. 2,012,029; Aug. 20.
- Weisbampel, John A., Nutley, N. J. Planimeter. 1,994,843; Mar. 19.
- Weisbampel, Robert C., Paterson, N. J., assignor of one-third to P. F. Sonnek, Woodhaven, N. Y., and two-thirds to T. J. Galipo, Paterson, N. J. Machine tool. 1,989,835; Feb. 5.
- Weiskopf, Charles H., Hawthorne, assignor to International Precipitation Company, Los Angeles, Calif. Damper. 1,999,492; Apr. 30.
- Weisner, William H., Durham, assignor to Golden Belt Manufacturing Company, Durham, N. C. Bag stringing machine. 2,025,322; Dec. 24.
- Weiss, Abraham, assignor to E. Weiss, New York, N. Y. Registering means for taximeters. 2,001,373; May 14.
- Weiss, Adolph, Brooklyn, N. Y. Rotary intaglio printing. 2,014,303; Sept. 10.
- Weiss, Arthur J. (See Franzen, E. T., and Weiss.)
- Weiss, Arthur J., St. Albans, assignor to Robert Gair Company, Inc., New York, N. Y. Reclosable carton. 1,988,582; Jan. 22.
- Weiss, Arthur J., St. Albans, assignor to Robert Gair Company, Inc., New York, N. Y. Knockdown tilt display carton. 2,005,816; June 25.
- Weiss, Arthur J., St. Albans, assignor to Robert Gair Company, Inc., New York, N. Y. Retuck end-closing carton. 2,010,972; Aug. 13.
- Weiss, Carl W., Brooklyn, N. Y. Transmission. 2,005,444; June 18.
- Weiss and Downs, Inc. (See Weiss, John M., assignor.)
- Weiss and Downs, Inc. (See Weiss, Robert P., and J. M. assignors.)
- Weiss, Edward. (See Weiss, Abraham, assignor.)
- Weiss, Ernst. (See Bodmer, A., and Weiss.)
- Weiss, Frank, Revere, Mass. Illuminated lipstick. 1,986,086; Jan. 1.
- Weiss, George. (See Brinton, C. H., and Weiss.)
- Weiss, George, Chicago, Ill. Machine for separating the contents of eggs. 2,018,044; Oct. 22.
- Weiss, Hans, Mannheim, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of potassium bicarbonate. 2,013,977; Sept. 10.
- Weiss, Henry G., assignor to The Automatic Control Turnover Company, Cincinnati, Ohio. Motion picture machine control. 2,013,020; Sept. 3.
- Weiss, Henry G., assignor to The Automatic Control Turnover Company, Cincinnati, Ohio. Automatic change-over device. 2,013,021; Sept. 3.
- Weiss, Howard F., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Air cleaner for gas engine intakes. 2,019,241; Oct. 29.
- Weiss, John. (See Burnap, C. W., and Weiss.)
- Weiss, John M. (See Weiss, Robert P., and J. M.)
- Weiss, John M., assignor to Weiss and Downs, Inc., New York, N. Y. Synthetic resin and producing it. 1,999,380; Apr. 30.
- Weiss, Max M., Brooklyn, N. Y. Automatic means for counteracting nose dives in aeroplanes. 2,015,047; Sept. 17.
- Weiss, Robert P. and J. M., assignors to Weiss and Downs, Inc., New York, N. Y. Amine of high color stability and process of producing it. 2,019,032; Oct. 29.

- Weiss, Samuel, Brooklyn, N. Y. Tag fastener. 1,992,337; Feb. 26.
- Weiss, Samuel, Brooklyn, N. Y. Tag-fastener and guide therefor. 2,005,119; June 18.
- Weiss, Sidney, Brooklyn, N. Y. Egg packaging device. 2,001,045; May 14.
- Weiss, Vera N., University City, Mo. Garment. 1,999,433; Apr. 30.
- Weiss, Wenzel F., San Jose, Calif., assignor to Sprague-sells Corporation, Hoopeston, Ill. Exhaust box. 2,005,282; June 18.
- Weisse, Ernst, Leipzig, Germany. Reflex camera with movable mirror. 1,997,130; Apr. 9.
- Weissenborn, Albert B., assignor to Scolding Locks Corporation, Appleton, Wis. Manufacturing hair clips. 1,988,822; Jan. 22.
- Weissenborn, Raymond A., Montclair, N. J. Liquid container or similar article. Des. 95,099; Apr. 2.
- Weissfog, Arthur R., Pittsburgh, Pa. Dispensing unit. 2,005,762; June 25.
- Weisz, Matthias, Vienna, Austria. Mirror. 1,989,437; Jan. 29.
- Weiszberg, Alex. (See Robison, L. and Weiszberg.)
- Weitzel, Paul R., Newtown, Pa. Floor board. 2,001,402; May 14.
- Wej-Loek Manufacturing Company. (See Cole, Elmer K., assignor.)
- Welbeloved, William F. (See French, H., and Welbeloved.)
- Welch, Carl B., Attapulgus, Ga. Piston and ring. 2,003,764; June 4.
- Welch, Herman B., Waukesha, Wis., assignor, by mesne assignments, to Mastercraft Leather Goods, Inc. Hand bag. 1,998,798; Apr. 23.
- Welch, Herman L., Los Angeles, Calif. Mechanism to be used upon motor vehicles. 2,022,833; Dec. 3.
- Welch, Horace H., New York, N. Y. Animal symbol. 2,018,390; Oct. 22.
- Welch, Julius L., Antigo, Wis. Piston. 2,009,243; July 23.
- Welch, Kenneth C., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Illuminated mirror. 1,999,348; Apr. 30.
- Welch, Ralph J., et al. (See Bagley, William H., Jr., assignor.)
- Welch, Sidney A., and T. Sills, Spondon, near Derby, England, assignors to Celanese Corporation of America. Knitted fabrics and the manufacture thereof. 1,993,766; Mar. 12.
- Welch, Sidney A., A. F. Guyler, J. T. Ashby, and W. H. Boaler, Spondon, near Derby, England, assignors to Celanese Corporation of America. Knitting machine. 1,998,473; Apr. 23.
- Welch, Sidney A., A. F. Guyler, J. T. Ashby, and W. H. Boaler, Spondon, near Derby, England, assignors to Celanese Corporation of America. Knitting of fabric. 1,998,474; Apr. 23.
- Welch, Sidney A., Guyler, Boaler, and Ashby, Spondon, near Derby, England, assignors to Celanese Corporation of America. Knitting machine. 2,002,070; May 21.
- Welch, Sidney A., A. F. Guyler, J. T. Ashby, and W. H. Boaler, Spondon, near Derby, England, assignors to Celanese Corporation of America. Knitting machine. 2,004,260; June 11.
- Welch, Sidney A., J. T. Ashby, A. F. Guyler, and W. H. Boaler, Spondon, near Derby, England, assignors to Celanese Corporation of America. Feeding of textile materials. 2,022,834; Dec. 3.
- Welch, Sidney A., A. F. Guyler, W. H. Boaler, and J. T. Ashby, Spondon, near Derby, England, assignors to Celanese Corporation of America. Knitting machine. 2,025,964; Dec. 31.
- Welch, Solomon J., Pensacola, Fla. Match dispensing and igniting device. 1,994,120; Mar. 12.
- Welch, W. M., Manufacturing Company. (See Youden, William J., assignor.)
- Welch, William E., Dayton, Ohio, assignor to B. J. Baker & Company, Inc., Boston, Mass., and International Proprietaries Incorporated, Dayton, Ohio. Medicinal preparation. 2,001,046; May 14.
- Weld, Foster E. (See Beach, C. E., and Weld.)
- Welding Service, Inc. (See Frickey, Royal E., assignor.)
- Welding Service, Inc. (See Frickey, R. E., and Kalenborn, assignors.)
- Welding Service, Inc. (See Kalenborn, Arion S., assignor.)
- Weldon, Samuel, Portland, Oreg. Egg separator. 2,018,162; Oct. 22.
- Welfeld, Henry S., San Francisco, Calif. Electrical fixture. 2,015,981; Oct. 1.
- Welk, Nelson S., assignor to The McBee Company, Athens, Ohio. Loose leaf binder. 2,002,071; May 21.
- Welke, Ferdinand G. (See Davisson, D. W., Welke, and Maynard.)
- Welker, Harry L., Williamsport, Pa. Dental cleansing and massage device. 2,016,951; Oct. 8.
- Welker, Oscar B., Middletown, Conn. Skate. 2,016,406; Oct. 8.
- Wellcome, Florence K. (See Wellcome, Hubert E., assignor.)
- Wellcome, Hubert E., assignor of one-half to Florence K. Wellcome, Chappaqua, N. Y. Lubricating system. 2,013,120; Sept. 3.
- Weller, Ben, Midwest, Wyo. Windshield defrosting device. 2,006,122; June 25.
- Weller, Benjamin D., Cleveland Heights, Ohio. Check opening guard and check. 2,004,357; June 11.
- Weller, Franklin J., Charles Town, W. Va. Hydraulic piston. 1,990,393; Feb. 5.
- Weller, George H., Providence, R. I., assignor to The Mason Box Company, Attleboro Falls, Mass. Display case. 2,000,681; May 7.
- Weller, George L., Evanston, Ill. Automatic doorlock. 1,992,729; Feb. 26.
- Weller, Harvey C., Salem, assignor to Surface Combustion Corporation, Toledo, Ohio. Burning fuel gas. 2,003,226; May 28.
- Weller, Sidney L., Evanston, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanizing rubber. 2,015,207; Sept. 24.
- Weller, W. H., Jr. (See Kennedy, Absalom M., assignor.)
- Weller, William W., Chester, N. J., assignor to Pad-Y-Wax Company, Inc. Waxing pad. 1,994,425; Mar. 12.
- Wellington, Hugo W. H., Belmont, Mass. Protective system. 2,018,823; Oct. 29.
- Wellington Machine Company, The. (See Gannett, Chauncey W., assignor.)
- Wellman, Charles O., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Card punching machine. 2,023,376; Dec. 3.
- Wellman, Charles P., Medford, Mass. Container. 1,987,647; Jan. 15.
- Wellman, Charles P., West Medford, Mass. Receptacle. 1,996,778; Apr. 9.
- Wellman, Charles P., Medford, Mass. Container. 2,003,326; June 4.
- Wellman, Charles P., West Medford, Mass. Making receptacle blanks. 2,022,305; Nov. 26.
- Wellman, Howard C., assignor to Eastman Kodak Company, Rochester, N. Y. Adjustable socket for interchangeable lamps in a projector. 2,014,076; Sept. 10.
- Wellman, Howard C., and A. E. Schubert, assignors to Eastman Kodak Company, Rochester, N. Y. Elevating device for projectors. 1,994,601; Mar. 19.
- Wellman Seaver Rolling Mill Company Limited, et al. (See Martin, Wilhelm, assignor.)
- Wellman Seaver Rolling Mill Co. Ltd. (See Smith, Sydney, assignor.)
- Wells, Albert C., Chicago, Ill. Pencil. 2,005,485; June 18.
- Wells, Alfred A., Roselle Park, N. J., assignor to Standard Oil Development Company. Manufacturing asphalt and product thereof. 2,010,423; Aug. 6.
- Wells, Bruce, Chicago, Ill. Cross rule slitting machine. 1,999,381; Apr. 30.
- Wells, Earl J., Alameda, Calif. Artificial tooth structure. 2,023,654; Dec. 10.
- Wells, Edward C., assignor to Boeing Aircraft Company, Seattle, Wash. Retractable landing gear. 2,021,439; Nov. 19.
- Wells, Edward C., and A. H. Krueger, assignors to Platt Iron Works, Inc., Dayton, Ohio. Pumping unit. 2,023,039; Dec. 3.
- Wells, Edward H., Jr., assignor to Johns-Manville Corporation, New York, N. Y. Thermal insulating article. 2,023,984; Dec. 10.
- Wells, Franklin H., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,001,994; May 21.
- Wells, Gordon S., Binghamton, N. Y., assignor to International Business Machines Corporation, New York, N. Y. Time recording punch. 2,013,530; Sept. 3.
- Wells, Gould, Gila Bend, Ariz. Safety polish rod stop. 2,008,806; July 23.
- Wells, Hedwik M., Rossland, British Columbia, Canada. Hair waving device. 1,989,470; Jan. 29.
- Wells, Joseph A., Montclair, N. J. Reporting interference with vehicles. 1,993,497; Mar. 5.
- Wells, Leland E., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery separator. 2,004,304; June 11.
- Wells, Leonard J., Fruita, Colo. Display fixture. 2,010,045; Aug. 6.
- Wells, Lloyd L., Honeoye Falls, N. Y. Card holder. 2,004,401; June 11.
- Wells, Merritt R., Cleveland Heights, Ohio, assignor to The McKay Company, Pittsburgh, Pa. System of electric welding. 2,007,587; July 9.
- Wells, Milton H., Wabash, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electric clock thermostat. 2,019,945; Nov. 5.
- Wells, Norman, Sheen, London, England, assignor to Radio Corporation of America. Directional aerial system. 2,002,197; May 21.
- Wells, Norman, London, England, assignor to Radio Corporation of America. Aerial system. 2,018,337; Oct. 22.
- Wells, Percy A. (See May, O. E., Herrick, Moyer, and Wells.)
- Wells, Robert F., assignor to General Railway Signal Company, Rochester, N. Y. Train recorder for railway systems. 2,009,950; July 30.
- Wells, Russell D., Pottstown, Pa. Broiler operating mechanism. 1,986,035; Jan. 1.
- Wells, Russell D., Pottstown, Pa. Check damper. 2,024,674; Dec. 17.
- Wells, Sidney D., Port Edwards, Wis. Production of nodules. 1,986,907; Jan. 8.
- Wells, Sidney D., assignor to L. L. Alsted, Appleton, Wis. Removing bleachable pigments from paper containing ligno-cellulosic constituents. 1,992,977; Mar. 5.

- Wells, Sidney D., assignor to L. L. Alsted, Appleton, Wis. Apparatus for and method of treating and handling paper pulp and similar fibrous materials. 2,018,938; Oct. 29.
- Wells, Sidney D., and G. D. Muggleton, assignors to L. L. Alsted, Appleton, Wis. Paper pulp and making the same. 2,018,937; Oct. 29.
- Wells, Walter T., Glendale, assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Oil well tool. 1,987,919; Jan. 15.
- Wells, Walter T., Glendale, assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Heat exchange apparatus. 2,018,163; Oct. 22.
- Wells, Wesley B., Wilkinsburg, and M. Funcke, assignors to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 2,014,872; Sept. 17.
- Wells, William B., Pearl Harbor, Territory of Hawaii. Electrical relay system. 2,025,078; Dec. 24.
- Wells, William F., Cambridge, Mass. Bacterial analysis of gaseous bodies. 2,017,483; Oct. 15.
- Welman, Francis S., and A. Levell, Bexley Heath, England. Aeroplane wing structure. 1,992,560; Feb. 26.
- Welp, Edward W., Chicago, Ill., assignor to Graver Tank & Mfg. Corp., East Chicago, Ind. Tank roof. 1,986,869; Jan. 8.
- Welp, Edward W., Chicago, assignor to Graver Tank & Mfg. Corporation, East Chicago, Ind. Water softener. 1,996,942; Apr. 9.
- Welsbach Company. (See Wegener, Francis A., assignor.)
- Welsbach Street Lighting Company of America. (See Whittaker, J. D., and Beck, assignors.)
- Welser, Lyle, assignor to one-third to S. M. Kenerson, Springfield, Mass. Automatic electrical timing device. 1,993,949; Mar. 12.
- Welsford, Hubert G., Montreal, Quebec, assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Producing rubber covered suction rolls. 1,988,640; Jan. 22.
- Welsh, Alexander. (See Embery, H. A., and Welsh.)
- Welsh Hartman Co. (See Burst, Carl W., assignor.)
- Welsh, Michael J., Brunswick, Ga., assignor to The Gray Processes Corporation, Newark, N. J. Producing a colorless doctor sweet gasoline. 2,013,083; Sept. 3.
- Welsh, Paul J., assignor to one-fourth to C. M. Soule, Cleveland, and one-fourth to C. R. Watson, Lakewood, Ohio. Adjustable terminal. 2,018,539; Oct. 22.
- Welsh, Wilmer. (See Stoltz, C. F., and Welsh.)
- Welter, Gustave, assignor to The Bigeloe Company, New Haven, Conn. Water tube box closure. 1,992,793; Feb. 26.
- Weltner, Corliss L., Parkersburg, W. Va., assignor to The Huffman Manufacturing Company, Dayton, Ohio. Can server. 2,024,898; Dec. 17.
- Welton, James R., Scranton, Pa. Thread cleaner. 2,007,733; July 9.
- Welty, Albert B., Moline, Ill., assignor to International Harvester Company. Harvester thresher. 2,010,120; Aug. 6.
- Welty, Albert B., Moline, Ill., assignor to International Harvester Company. Clearing device for harvester. 2,011,923; Aug. 20.
- Welty, Albert B., Moline, Ill., assignor to International Harvester Company. Harvester. 2,015,575; Sept. 24.
- Welty, Albert B., Moline, Ill., assignor to International Harvester Company. Bag chute for harvester threshers. 2,015,576; Sept. 24.
- Welty, Albert B., Moline, Ill., assignor to International Harvester Company. Tank unloader for harvesters. 2,022,166; Nov. 26.
- Wemhoener, Emil F., University City, assignor to Universal Boiler Filter Corporation, St. Louis, Mo. Filter. 2,024,122; Dec. 10.
- Wemp, Ernest E., Detroit, Mich. Mechanism for controlling a clutch or the like. 1,987,648; Jan. 15.
- Wemp, Ernest E., Detroit, Mich. Vibration dampener. 1,991,436; Feb. 19.
- Wemp, Ernest E., Detroit, Mich. Overrunning drive construction. 2,001,804; May 21.
- Wemp, Ernest E., Detroit, Mich. Driving mechanism and clutch. 2,005,250; June 18.
- Wemp, Ernest E., Detroit, Mich. Clutch. 2,021,973; Nov. 26.
- Wemp, Ernest E., Detroit, Mich. Servo-clutch. 2,022,019; Nov. 26.
- Wemple, Floyd V. (See Clewell, J. H., and Wemple.)
- Wemple, Leland E. (See Daesen, J. R., and Wemple.)
- Wenczler, Jajos, Augsburg, Germany, assignor to Uhertype Aktiengesellschaft, Glarus, Switzerland. Copying camera. 1,988,867; Jan. 15.
- Wendel, Daniel C., Newark, N. J. Tailboard mounting. 1,986,953; Jan. 8.
- Wendel, Otto G., Buffalo, assignor to The American Radiator & Standard Sanitary Mfg. Company, New York, N. Y. Radiator. 1,988,224; Jan. 15.
- Wendel, Otto G., Buffalo, assignor to The American Radiator & Standard Sanitary Mfg. Company, New York, N. Y. Heat transfer. 1,992,561; Feb. 26.
- Wendell, Evert J., Wayne, Pa. Pump. 2,022,610; Nov. 26.
- Wender, Eugen, Sinsheim (Elsenz), Germany. Combined gas and liquid shut-off device for gas heated liquid heaters. 2,005,403; June 18.
- Wendlandt, Rudolf. (See Caro, N., Frank, Wendlandt, and Fischer.)
- Wendler, Adolph F., Kenmore, assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Shredder. 2,024,711; Dec. 17.
- Wendling, Alfred J., assignor of sixty one-hundredths to C. Uschmann, Huntington Park, Calif. Driving belt. 2,025,007; Dec. 17.
- Wendling, Betty, Pittsfield, assignor to American Tissue Mills, Holyoke, Mass. Package. 1,986,546; Jan. 1.
- Wendt, Edmund J. (See Strzalkowski, C. W., and Wendt.)
- Wendt, Erhard. (See Ballert, O., and Wendt.)
- Wendt, Johannes H., assignor to Byrd-Wendt Aircraft Corporation, Chicago, Ill. Aeroplane construction. 2,023,213; Dec. 3.
- Wener, Harold, Herkimer, N. Y. Lock hook. 2,016,733; Oct. 8.
- Wener, Jack, Montreal, Quebec, Canada. Fastener for baskets. 2,008,632; July 16.
- Wenge, Fritz, assignor to Elektrizitäts-Actien-Gesellschaft vorm. W. Lahmeyer & Co., Frankfurt-on-the-Main, Germany. Boiler system including an economizer. 1,988,063; Jan. 15.
- Wengel, Arthur M., Madison, Wis. Radio apparatus. 2,022,447; Nov. 26.
- Wenger, David M., Leola, Pa. Operating and control mechanism for washing machine wringers. 2,013,261; Sept. 3.
- Wenger, Floyd E., assignor to R. L. Triplett, Bluffton, Ohio. Continuity and capacity tester for testing radio receiving and transmitting sets. 2,007,992; July 16.
- Wenham, Lancelot E., Pittsfield, Mass., assignor to General Electric Company. Shipment blocking means. 1,999,852; Apr. 30.
- Wenholz, Walter W., assignor to General Railway Signal Company, Rochester, N. Y. Traffic controlling system for railroads. 2,009,007; July 23.
- Wenholz, Walter W., assignor to General Railway Signal Company, Rochester, N. Y. Train dispatching system for railroads. 2,019,466; Oct. 29.
- Wenholz, Walter W., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system. 2,019,467; Oct. 29.
- Weniger, Joseph K. (See Davenport, W. G., and Weniger.)
- Wenner, Wesley E., Allentown, Pa. Railroad base plate and fastener. 2,003,493; June 4.
- Wenner-Gren, Axel L., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,025,946; Dec. 31.
- Wennerstrom, Carl G., Evanston, Ill., assignor to Universal Gear Corporation, Indianapolis, Ind. Surface-treating machine. 2,026,006; Dec. 31.
- Wensley, Roy J., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Relay apparatus. 2,008,409; July 16.
- Wensley, Roy J., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Directional relay element. 2,013,815; Sept. 10.
- Wensley, Roy J., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Timing relay. 2,018,243; Oct. 22.
- Wente, Edward C. (See Hickman, C. N., and Wente.)
- Wente, Edward C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 1,992,268; Feb. 26.
- Wente, Edward C., New York, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Position controlling device. 2,003,913; June 4.
- Wentorf, Robert H., assignor to West Bend Aluminum Company, West Bend, Wis. One cup coffee maker. 2,000,309; May 7.
- Wentreck, John A. (See Vanderhider, E. E., and Wentreck.)
- Wentworth, Philip C., Providence, R. I. Ring traveler. 1,990,358; Feb. 5.
- Wentworth, Robert S., assignor to General Fire Extinguisher Company, Providence, R. I. Condensing means for an internal combustion engine. 2,023,456; Dec. 10.
- Wentworth, Roland A., Waltham, and R. E. McCurdy, Wellesley, assignors to Hood Rubber Company, Inc., Watertown, Mass. Battery container. 2,016,916; Oct. 8.
- Wentworth, Rollins. (See Dirkes, R. F., and Wentworth.)
- Wentz, Jere L., Passaic, N. J. Conveyer. 1,989,537; Jan. 29.
- Wentz, Jesse F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical conducting system. 1,998,826; Apr. 23.
- Wentz, Jesse F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coaxial conductor system. 2,018,477; Oct. 22.
- Wentz, Welker W. (See Edwards, J. D., Taylor, and Wentz.)
- Wentz, Willard W., Passaic, and A. D. Heyl, Clifton, N. J., assignors to Portable Machinery Company. Conveyer belt unloader. 1,989,502; Jan. 29.
- Wentzel, Hermann, Berlin, Germany, assignor to Sauerstoff-Central für Medizinische Zwecke, Dr. Ernst Silten. Spraying liquid materials. 2,016,407; Oct. 8.
- Wenz, George W. (See Mills, Howard F., assignor.)
- Wenzel, Emil, assignor to Ernst Gessner Aktiengesellschaft, Aue, Germany. Suspension drying apparatus. 1,987,250; Jan. 8.
- Wenzel, Frederick C., Stamford, Conn. Cutting tool. 1,990,967; Feb. 12.

- Wenzel, Frederick C., Stamford, Conn. Window casement. 2,006,004; June 25.
- Wenzel, Wilhelm, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Carrying out catalytic oxidations. 2,024,140; Dec. 24.
- Wenzell, Joseph W., El Monte, Calif. Mothproof bag. 2,003,704; June 4.
- Wenzlick, John H., assignor to Warwood Tool Company, Wheeling, W. Va. Making bits for mining machines. 1,995,234; Mar. 19.
- Wenzlick, John H., assignor to Warwood Tool Company, Wheeling, W. Va. Cutting bit for mining machines. 1,995,235; Mar. 19.
- Wepflo, Isaac W., Minneapolis, Minn. Gasoline vaporizer. 2,010,973; Aug. 13.
- WepSCO Steel Products Co. (See Huntington, Victor C., assignor.)
- Werder, John F., Lakewood, assignor of one-half to E. Rogers, South Euclid, Ohio. Method and apparatus for making metal containers. 1,986,169; Jan. 1.
- Werder, John F., Lakewood, assignor of one-half to E. Rogers, South Euclid, Ohio. Internal combustion engine. 1,990,808; Feb. 12.
- Werder, John F., Lakewood, assignor of one-half to E. Rogers, South Euclid, Ohio. Lubricant. 1,995,371; Mar. 26.
- Werder, John F., Lakewood, assignor of one-half to E. Rogers, South Euclid, Ohio. Apparatus for filling metal containers. 1,998,531; Apr. 23.
- Werder, John F., Lakewood, assignor of one-half to Edmund Rogers, South Euclid, Ohio. Metal container and making the same. 2,006,973; July 2.
- Werder, John F., Lakewood, assignor of one-half to E. Rogers, South Euclid, Ohio. Apparatus for testing metal containers. 2,015,208; Sept. 24.
- Werder, John F., Lakewood, assignor of one-half to E. Rogers, South Euclid, Ohio. Making a metal container. 2,017,361; Oct. 15.
- Werder, John F., Lakewood, assignor of one-half to E. Rogers, South Euclid, Ohio. Hose coupling. 2,017,362; Oct. 15.
- Werder, John F., Lakewood, assignor of one-half to Edmund Rogers, South Euclid, Ohio. Apparatus for filling metal containers. 2,025,141; Dec. 24.
- Werdermann, Arthur. (See Laska, L., Haller, and Werdermann.)
- Werfel, Harry A., Cladwell, N. J., assignor, by mesne assignments, to The Napier Company, Meriden, Conn. Drink shaker. 2,013,617; Sept. 3.
- Wergifosse, Victor, Brussels, Belgium. Device for atomizing liquids. 2,007,734; July 9.
- Weitz, John, Cicero, and D. Hirshfield, Chicago, Ill. Electric socket. 2,011,024; Aug. 13.
- Werking, Leroy C. (See Broadwell, B. E., and Werking.)
- Werkman, Chester H., C. H. Rayburn and R. M. Hixon, assignors to Iowa State College of Agricultural and Mechanical Arts, Ames, Iowa. Producing products of fermentation. 1,991,993; Feb. 19.
- Werkman, Theodore, Los Angeles, Calif. Shoe heel construction. 1,993,425; Mar. 5.
- Werley, George L. (See Broughton, W. W., and Werley.)
- Werley, George L., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Zinc base alloy. 2,008,529; July 16.
- Wermine, Hugo H., assignor to Belden Manufacturing Company, Chicago, Ill. Electric plug connector. 2,015,418; Sept. 24.
- Werner, Albert, Dresden-A, Germany, assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co., Dresden, Germany. Tobacco spreader for rod cigarette making machines. 1,999,120; Apr. 23.
- Werner, Arthur M., St. Louis, Mo. Apparatus for purifying alcoholic liquors. 2,012,365; Aug. 27.
- Werner, Bertram, et al. (See Bocharin, Leo Y., assignor.)
- Werner, Calvin J., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Split phase motor. 1,991,035; Feb. 12.
- Werner, Calvin J., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. System of motor control. 1,991,036; Feb. 12.
- Werner, Calvin J., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Switch. 1,991,037; Feb. 12.
- Werner, Calvin J., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. System of motor control. 1,991,038; Feb. 12.
- Werner, Calvin J., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. System of motor control. 1,991,039; Feb. 12.
- Werner, Calvin J., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. System of motor control. 1,991,040; Feb. 12.
- Werner, Calvin J., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. System of motor control. 1,991,041; Feb. 12.
- Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Motor control structure. 1,991,042; Feb. 12.
- Werner, Calvin J., R. A. Gravitt, and A. H. Marts, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Lubricating system. 2,025,187; Dec. 24.
- Werner, Charles P., Jackson Heights, N. Y. Applicator. 1,992,518; Feb. 26.
- Werner, Donovan, R. E., Stockholm, S. Giertz-Hedström, Djursholm, and O. Stålbane, Stockholm, Sweden. Cement. 1,988,821; Jan. 22.
- Werner, Eugene, and J. Kohn, New York, N. Y. Demountable wheel mounting. 1,988,406; Jan. 15.
- Werner, Eugene K., New York, N. Y. Fountain pen. 1,994,261; Mar. 12.
- Werner, Frank J. (See Foreman, Leslie A., assignor.)
- Werner, Marion C., Hammond, Ind. Motion transmitting mechanism. 1,986,310; Jan. 1.
- Werner, Otto, Corona, N. Y. Building foundation. 1,996,358; Apr. 2.
- Werner, Samuel H., Jr. (See Pease, Fred A., assignor.)
- Wernicke, Gilbert, and A. R. Lintern, Cleveland, Ohio. Plant propagator, etc., or aquarium. 2,002,380; May 21.
- Wernmark, Carl G., Hollywood, Calif., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on soles. 1,987,809; Jan. 15.
- Wernitz, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Low viscosity vinyl polymers. 1,988,529; Jan. 22.
- Werring, Francis W., assignor to Kitson Company, Philadelphia, Pa. Switch. 2,023,377; Dec. 3.
- Werring, Walter W., Brooklyn, N. Y., and T. S. Huxham, Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Number plate for telephone dials. 2,002,969; May 28.
- Werthner, Edward, assignor to William Werthner, New York, N. Y. Keg tapping seal. 1,996,184; Apr. 2.
- Werthner, William. (See Werthner, Edward, assignor.)
- Wertz, Austin L., Lakewood, Ohio. Gear casing cleaning apparatus. 1,987,649; Jan. 15.
- Wertz, Austin L., Cleveland, Ohio, assignor, by mesne assignments, to S. F. Bowser and Company, Inc. Liquid dispensing apparatus. 1,987,766; Jan. 15.
- Wertz, Daniel L., assignor to Eclipse Machine Company, Elmira, N. Y. Electrical system for internal combustion engines. 2,004,642; June 11.
- Wertz, Daniel L., assignor to Eclipse Machine Company, Elmira, N. Y. Automatic starting mechanism. 2,020,750; Nov. 12.
- Wertz, Daniel L., and F. T. Christian, assignors to Eclipse Machine Company, Elmira, N. Y. Automatic starting mechanism. 1,996,496; Apr. 2.
- Wertzheiser, Joseph, Newark, N. J., and H. Charnoy, Long Island City, N. Y., assignors to Hillside Cable Co., Hillside, N. J. Armored electrical cable. 2,018,939; Oct. 29.
- Wesche, Hans. (See Marx, K., and Wesche.)
- Wesche, Hans. (See Marx, K., Wesche, Bittner, and Saenger.)
- Wescott, Alfred A., Elmira, N. Y. Lawn mower rake attachment. 2,021,821; Nov. 19.
- Wescott, Ernest W., Niagara Falls, N. Y., assignor to Sulphur and Smelting Corporation, Dover, Del. Production of ferric oxide by burning ferric chloride. 1,992,685; Feb. 26.
- Wescott, Ernest W., Niagara Falls, N. Y., assignor, by mesne assignments, to Sulphide Corporation. Process of, and apparatus for effecting reactions between solids and gases. 2,023,942; Dec. 10.
- Wescott, William B., Dover, Mass., assignor to Multi-graph Company, Wilmington, Del. Etching planographic plates, composition therefor, and resulting product. 2,003,268; May 28.
- Wescott, William B., Boston, Mass., assignor to Multi-graph Company, Wilmington, Del. Dampening method and means for planographic printing. 2,007,588; July 9.
- Weskenson Corporation. (See Johnson, William H., assignor.)
- Wesley, Alexander F., Baltimore, Md. Collapsible crate. 2,010,121; Aug. 6.
- Wespy, Carl R. C., Oberlahnstein-on-the-Rhine, assignor to Carl Padberg, Barmen-Wuppertal, Germany. Making zinc sulphate and iron oxide. 2,007,233; July 9.
- Wessborg, Eric S., Saginaw, Mich. Printing apparatus and type. 1,998,063; Apr. 16.
- Wesseler, William J. (See Balinger, Lee O., assignor.)
- Wessell, Fernando A., Red Bank, N. J. Piano. 1,990,764; Feb. 12.
- Wesson, Alexander J. (See Ellis, G. H., and Wesson.)
- Wesson, Douglas B., Longmeadow, assignor to Smith & Wesson, Inc., Springfield, Mass. Wad cutting bullet and making same. 2,008,571; July 16.
- Wesson, George W., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rotary hook for sewing machines. 2,019,284; Oct. 29.
- Wesson, Harold, assignor to Smith and Wesson, Inc., Springfield, Mass. Valve arrangement. 2,021,342; Nov. 19.
- West, Allen, and V. Breeze, Brighton, England. Electrical fuse. 1,987,543; Jan. 8.
- West, Arthur G. D., Beckenham, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Indicating scale for wireless receivers. 2,019,882; Nov. 5.
- West, Brennan B., Cleveland, Ohio. Shoe plate tool. 2,020,389; Nov. 12.
- West, Brennan B., Cleveland, Ohio. Shoe calk. 2,022,992; Dec. 3.
- West, Charles E. R. (See Cameron, J. C., and West.)

- West, Charles P., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current control apparatus. 2,003,024; May 28.
- West, Donald C., and H. A. Rose, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,001,897; May 21.
- West, Donald C., and H. A. Rose, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mercury arc rectifier. 2,011,666; Aug. 20.
- West, Donald H., Marlboro, assignor to The Lapointe Machine Tool Company, Hudson, Mass. Hydraulic actuating mechanism for machine tools. 2,017,999; Oct. 22.
- West, Donald H., Marlboro, and K. C. Monroe, Hudson, Mass., assignors to The La Pointe Machine Tool Company, Hudson, Mass. Machine tool and hydraulic actuating mechanism therefor. 2,000,805; May 7.
- West, Donald H., Marlboro, and K. C. Monroe, Hudson, assignors to The Lapointe Machine Tool Company, Hudson, Mass. Hydraulic actuating mechanism for planers. 2,005,013; June 18.
- West, Ethra C., Rochester, N. Y. Traffic signaling system. 2,001,440; May 14.
- West, Frank W., Bellefonte, Pa. Meat tenderer. 2,001,641; May 14.
- West, Franklin G., et al. (See Esterling, William M., assignor.)
- West, George. (See Chase, R. F., and West.)
- West, George E., Washington, D. C. Apparatus for making containers. 1,990,260; Feb. 5.
- West, George H. B., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Thermostatic control device. 2,022,874; Dec. 3.
- West, John H., London, England. Bubbler plate column. 2,020,751; Nov. 12.
- West, John W., Portland, Me. Equipment for fuel oil burners. 2,013,816; Sept. 10.
- West, Michael J., Stratford, Conn., assignor to Better Packages, Inc., New York, N. Y. Gummed tape serving machine. 2,021,038; Nov. 12.
- West, Preston C., Chicago, Ill. Can opening machine. 1,986,657; Jan. 1.
- West, Preston C., Chicago, Ill. Can opener. 1,986,870; Jan. 5.
- West Steel Casting Company, The. (See Born, W. F., and Jobski, assignors.)
- West & West, et al. (See Esterling, William M., assignor.)
- West, William H. T. (See Bloore, E. J., and West.)
- West, Z. B., et al. (See Esterling, William M., assignor.)
- West Bend Aluminum Co. (See Finch, Arnold R., assignor.)
- West Bend Aluminum Co. (See Kircher, Ralph N., assignor.)
- West Bend Aluminum Company. (See Wentorf, Robert H., assignor.)
- Westberg, Vivian L., Chicago, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Fuse switch construction. 2,006,611; July 2.
- Westberg, Vivian L., Chicago, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Heat dissipating fixture. 2,007,489; July 9.
- West Branch Novelty Company. (See Weber, John, assignor.)
- Westbrook, Leon R., Cleveland Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Making ammonium sulphate. 1,989,124; Jan. 29.
- Westbrook, Leon R., Cleveland Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Purification of zinc salt solutions. 2,017,930; Oct. 22.
- Westburgh, Arthur E., Jamestown, N. Y. Flexible coupling. 2,007,513; July 9.
- Westco Pump Corporation. (See Ferguson, Gale L., assignor.)
- West Coast Pipe & Steel Company, et al. (See Balaam, Maurice A., assignor.)
- Westcott Electric Casting Corporation. (See Hoke, Walter W., assignor.)
- Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Apparatus for controlling discharge lamps. 1,986,614; Jan. 1.
- Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Electric discharge device. 2,002,381; May 21.
- Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Light modulation system. 2,009,826; July 30.
- Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Stroboscopic apparatus. 2,014,957; Sept. 17.
- Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Lighting system. 2,026,407; Dec. 31.
- Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Electric discharge device circuit. 2,026,408; Dec. 31.
- Westerbeck, Emil J., executor, et al. (See Westerbeck, Frederick.)
- Westerbeck, Frederick, University City, Mo., Northwestern Trust Company and E. J. Westerbeck, executors of said Westerbeck, deceased. Container. 1,991,969; Feb. 19.
- Westerbeck, Frederick, University City, assignor to Mallinckrodt Chemical Works, St. Louis, Mo. Closure. 2,003,025; May 28.
- Westerberg, Henry E., Staten Island, N. Y. Pilot controlled relief valve. 2,007,554; July 9.
- Western-Austin Company. (See Benbow, James D., assignor.)
- Western-Austin Company. (See Benbow, J. D., and Palmer, assignors.)
- Western-Austin Company. (See Green, J. B., and Huber, assignors.)
- Western-Austin Company. (See Slaker, J. H., and Palmer, assignors.)
- Western Brick Company. (See Cline, Irl R., assignor.)
- Western Cartridge Company. (See Olin, J. M., and Schuricht, assignors.)
- Western Cartridge Company. (See Olsen, F., Seavey, and Kerone, assignors.)
- Western Cartridge Company. (See Schuricht, Alfons G., assignor.)
- Western Cartridge Company. (See Seavey, F. R., and Kerone, assignors.)
- Western Cartridge Company. (See Sherman, Louie A., assignor.)
- Western Cartridge Company. (See Wagner, William E., assignor.)
- Western Chain Products Co. (See Stuller, Earl A., assignor.)
- Western Clock Company. (See Reinhardt, J. A., and Kaminky, assignors.)
- Western Condensing Company. (See Chuck, Faw Yap, assignor.)
- Western Condensing Company. (See Peebles, David D., assignor.)
- Western Electric Company. (See Aiden, John L., assignor.)
- Western Electric Company. (See Arkema, Harold P., assignor.)
- Western Electric Company. (See Atchison, G., and Nichols, assignors.)
- Western Electric Company. (See Beavers, Roy J., assignor.)
- Western Electric Company. (See Bedford, L. H., and Coveney, assignors.)
- Western Electric Company. (See Bower, Byron F., assignor.)
- Western Electric Company. (See Brillhart, S. E., and Le Boutillier, assignors.)
- Western Electric Company. (See Buxton, Hugh B., assignor.)
- Western Electric Company. (See Carter, Herbert F., assignor.)
- Western Electric Company. (See Cherry, George L., assignor.)
- Western Electric Company. (See Clavler, André G., assignor.)
- Western Electric Company. (See Corbeels, Theophile, assignor.)
- Western Electric Company. (See Deacon, Henry J., assignor.)
- Western Electric Company. (See Deakin, Gerald, assignor.)
- Western Electric Company. (See Dippel, Cornelius S., assignor.)
- Western Electric Company. (See Dowd, Archie J., assignor.)
- Western Electric Company. (See Dreyer, Charles F., assignor.)
- Western Electric Company. (See Drobish, Adolph E., assignor.)
- Western Electric Company. (See Duft, Harry C., assignor.)
- Western Electric Company. (See Engst, Norbert K., assignor.)
- Western Electric Company. (See Engst, N. K., and Schoof, assignors.)
- Western Electric Company. (See Ford, B. K., and Weaver, assignors.)
- Western Electric Company. (See Franz, Erwin E., assignor.)
- Western Electric Company. (See Fullarton, G. M., and Robertson, assignors.)
- Western Electric Company. (See Gates, John C., assignor.)
- Western Electric Company. (See Goodchild, F. D., and Benham, assignors.)
- Western Electric Company. (See Grace, B. B., and Blessing, assignors.)
- Western Electric Company. (See Haines, Louis B., assignor.)
- Western Electric Company. (See Halvorsen, T. J., and Shand, assignors.)
- Western Electric Company. (See Ham, Garnet P., assignor.)
- Western Electric Company. (See Hatton, W., Haigh, and Escande, assignors.)
- Western Electric Company. (See Heinicke, Herbert M. E., assignor.)
- Western Electric Company. (See Helsing, Raymond A., assignor.)
- Western Electric Company. (See Henning, George E., assignor.)
- Western Electric Company. (See Hobrock, Raymond H., assignor.)
- Western Electric Company. (See Hopkin, Walter S., assignor.)
- Western Electric Company. (See Houts, Guy J., assignor.)

- Western Electric Company. (See Johnstone, H. G., and Gates, assignors.)
- Western Electric Company. (See Joos, M., and Babbitt, assignors.)
- Western Electric Company. (See Knuuti, C. O., and Stull, assignors.)
- Western Electric Company. (See Koci, Ludvik J., assignor.)
- Western Electric Company. (See Lahr, Thomas M., assignor.)
- Western Electric Company. (See Lamplough, L. F., and Plass, assignors.)
- Western Electric Company. (See Larsen, Einer W., assignor.)
- Western Electric Company. (See Massingham, Henry R., assignor.)
- Western Electric Company. (See McCoy, Clarence E., assignor.)
- Western Electric Company. (See McMullan, S., and Strang, assignors.)
- Western Electric Company. (See Merwin, Harry H., assignor.)
- Western Electric Company. (See Milne, George D., assignor.)
- Western Electric Company. (See Moller, Kasper F., assignor.)
- Western Electric Company. (See Morgan, Nell L., assignor.)
- Western Electric Company. (See Newton, Edwin E., assignor.)
- Western Electric Company. (See Nydegger, Roland R., assignor.)
- Western Electric Company. (See Osawa, Juichi, assignor.)
- Western Electric Company. (See Otto, Edward A., assignor.)
- Western Electric Company. (See Park, Robert E., Jr., assignor.)
- Western Electric Company. (See Pash, Robert, assignor.)
- Western Electric Company. (See Pfeiffer, Conrad L., assignor.)
- Western Electric Company. (See Pocock, L. C., and Turton, assignors.)
- Western Electric Company. (See Purdy, Chester A., assignor.)
- Western Electric Company. (See Reeves, Alec H., assignor.)
- Western Electric Company. (See Roberts, Robert T., assignor.)
- Western Electric Company. (See Roome, F. A., and Haffter, assignors.)
- Western Electric Company. (See Schoof, Arthur W., assignor.)
- Western Electric Company. (See Schreiber, Louis J. J., assignor.)
- Western Electric Company. (See Scott, Kenneth L., assignor.)
- Western Electric Company. (See Scott, Walter J., assignor.)
- Western Electric Company. (See Scott, W. J., and Mason, assignors.)
- Western Electric Company. (See Scrantom, DeHart G., assignor.)
- Western Electric Company. (See Simmons, Andrew C., assignor.)
- Western Electric Company. (See Slawik, Kurt, assignor.)
- Western Electric Company. (See Smith, Arthur G., assignor.)
- Western Electric Company. (See Stull, John S., assignor.)
- Western Electric Company. (See Underwood, C. M., and Pugh, assignors.)
- Western Electric Company. (See Van Mierlo, S., Girard, and Pulles, assignors.)
- Western Electric Company. (See Van Sant, Victor H., assignor.)
- Western Electric Company. (See Waters, Daniel V., assignor.)
- Western Electric Company. (See Westra, Mient, assignor.)
- Western Electric Company. (See Williams, R. R., and Kemp, assignors.)
- Western Electric Company. (See Wilson, Ellsworth M., assignor.)
- Western Electric Company. (See Worrell, W. P., and Gruber, assignors.)
- Western Electric Company. (See Worthington, William W., assignor.)
- Western Electric Company. (See Wright, E. P. G., Hartley, and Reynolds, assignors.)
- Western Electric Company, Inc. (See Henderson, F. E., Larsen, and Schmitz, assignors.)
- Western Electric Company, Incorporated. (See Husson, Harry L., assignor.)
- Western Electric Company, Incorporated. (See Liss, August S., assignor.)
- Western Electric Company, Incorporated. (See Magill, Wilbur S., assignor.)
- Western Electric Company, Incorporated. (See McWhirter, E. M. S., Flint, and Chapman, assignors.)
- Western Electric & Manufacturing Company. (See Arnold, Edwin E., assignor.)
- Western Instrument & Manufacturing Co. (See Hart, G. T., and Severus, assignors.)
- Western Metal Products Company. (See LeDuc, Fred C., assignor.)
- Western Railway Equipment Company. (See Campbell, S. H., Habenicht, and Pietzsch, assignors.)
- Western Railway Equipment Company. (See Campbell, S. H., and Pietzsch, assignors.)
- Western Tablet & Stationery Corporation. (See Tannehill, Urban R., assignor.)
- Western Waxed Paper Company. (See Hammond, Anning S., assignor.)
- Western States Machine Company. (See Roberts, Eugene, assignor.)
- Western Union Telegraph Company, The. (See Beardsley, B., and Creedon, assignors.)
- Western Union Telegraph Company, The. (See Beardsley, B., and Plaustics, assignors.)
- Western Union Telegraph Company, The. (See Buckingham, William D., assignor.)
- Western Union Telegraph Company, The. (See Buckingham, W. D., and Miller, assignors.)
- Western Union Telegraph Company, The. (See Corwith, H. P., and Haglund, assignors.)
- Western Union Telegraph Company, The. (See Crozier, Franklyn, assignor.)
- Western Union Telegraph Company, The. (See Currie, Frank L., assignor.)
- Western Union Telegraph Company, The. (See Dirkes, Robert F., assignor.)
- Western Union Telegraph Company, The. (See Dirkes, R. F., and Marsh, assignors.)
- Western Union Telegraph Company, The. (See Dirkes, R. F., and Roberts, assignors.)
- Western Union Telegraph Company, The. (See Dirkes, R. F., and Wentworth, assignors.)
- Western Union Telegraph Company, The. (See Dirkes, R. F., and Wheeler, assignors.)
- Western Union Telegraph Company, The. (See Erickson, George L., assignor.)
- Western Union Telegraph Company. (See Erickson, G. L., and Hackenburg, assignors.)
- Western Union Telegraph Company, The. (See Griffith, Francis, assignor.)
- Western Union Telegraph Company, The. (See Hamlett, Robert T., assignor.)
- Western Union Telegraph Company, The. (See Hewitt, E. W., and Roberts, assignors.)
- Western Union Telegraph Company, The. (See Hoover, Ray, assignor.)
- Western Union Telegraph Company. (See Huebner, E. H., and Barr, assignors.)
- Western Union Telegraph Company, The. (See Hyneman, John R., assignor.)
- Western Union Telegraph Company, The. (See Irving, Eillery, assignor.)
- Western Union Telegraph Company, The. (See Janson, George W., assignor.)
- Western Union Telegraph Company, The. (See Mample, Adolph Z., assignor.)
- Western Union Telegraph Company, The. (See Nelson, Crescent F., assignor.)
- Western Union Telegraph Company. (See Noxon, Paul A., assignor.)
- Western Union Telegraph Company, The. (See Steeneck, Robert, assignor.)
- Western Union Telegraph Company, The. (See Steinmetz, A. A., and Ward, assignors.)
- Western Union Telegraph Company, The. (See Watts, P. L., and Eller, assignors.)
- Western Union Telegraph Company, The. (See Wilder, H. F., and Haglund, assignors.)
- Western Union Telegraph Company, The. (See Wise, R. J., and Schmid, assignors.)
- Western Union Telegraph Company, The. (See Wood, W. S., Janson, and Demonet, assignors.)
- Westfall, Ralph R., assignor to American Coin Machine Company, Los Angeles, Calif. Vending machine. 2,014,304; Sept. 10.
- Westfield Manufacturing Company, The. (See Clark, George W., assignor.)
- Westfield Manufacturing Company. (See Clarke, Norman A., assignor.)
- Westfield Manufacturing Company, The. (See St. Onge, Walter J., assignor.)
- Westgate, Ralph S., Bloomfield, N. J., and H. C. A. Behr, York, Pa., assignors to E. R. Squibb & Sons, New York, N. Y. Making container seals. 2,004,964; June 18.
- West Haven Buckle Company. (See Tucker, John F., assignor.)
- Westhoff, Ernest W., Detroit, Mich. Manufacturing an aluminum alloy. 2,002,758; May 28.
- Westin, Charles J., assignor to F. J. Stokes Machine Company, Philadelphia, Pa. Collapsible tube closure and forming the same. 1,989,031; Jan. 22.
- Westin, Charles J., assignor to F. J. Stokes Machine Company, Philadelphia, Pa. Closing tubes. 1,989,032; Jan. 22.
- Westinghouse Air Brake Company, The. (See Alkman, Burton S., assignor.)
- Westinghouse Air Brake Company. (See Aldridge, Thomas J., assignor.)
- Westinghouse Air Brake Company, The. (See Baughman, George W., assignor.)
- Westinghouse Air Brake Company, The. (See Carthew, John W., assignor.)
- Westinghouse Air Brake Company, The. (See Chevillot, Alfred, assignor.)

- Westinghouse Air Brake Company, The. (See Cook, Earle S., assignor.)
- Westinghouse Air Brake Company, The. (See Cook, E. S. and Fitch, assignors.)
- Westinghouse Air Brake Company, The. (See Craig, John F., assignor.)
- Westinghouse Air Brake Company, The. (See Crittenden, Philip L., assignor.)
- Westinghouse Air Brake Company, The. (See Dean, William E., Jr., assignor.)
- Westinghouse Air Brake Company, The. (See Dempsey, Philip W., assignor.)
- Westinghouse Air Brake Company, The. (See Down, Sidney G., assignor.)
- Westinghouse Air Brake Company, The. (See Down, S. G. and Hewitt, assignors.)
- Westinghouse Air Brake Company, The. (See England, Alexander, assignor.)
- Westinghouse Air Brake Company, The. (See Farmer, Clyde C., assignor.)
- Westinghouse Air Brake Company, The. (See Farmer, C. C. and Hewitt, assignors.)
- Westinghouse Air Brake Company, The. (See Farmer, C. C. and Miller, assignors.)
- Westinghouse Air Brake Company, The. (See Farmer, C. C. and Stewart, assignors.)
- Westinghouse Air Brake Company, The. (See Farmer, C. C. and Thomas, assignors.)
- Westinghouse Air Brake Company, The. (See Fitch, Ellery R., assignor.)
- Westinghouse Air Brake Company, The. (See Good, John N., assignor.)
- Westinghouse Air Brake Company, The. (See Hewitt, Ellis E., assignor.)
- Westinghouse Air Brake Company, The. (See Hewitt, E. E. and Farmer, assignors.)
- Westinghouse Air Brake Company, The. (See Lloyd, David W., assignor.)
- Westinghouse Air Brake Company, The. (See Logan, John W., Jr., assignor.)
- Westinghouse Air Brake Company, The. (See Mackert, Albert A., assignor.)
- Westinghouse Air Brake Company, The. (See Mautsch, Robert H., assignor.)
- Westinghouse Air Brake Company, The. (See McCune, Joseph C., assignor.)
- Westinghouse Air Brake Company, The. (See McNeal, Donald L., assignor.)
- Westinghouse Air Brake Company, The. (See Miller, Raymond E., assignor.)
- Westinghouse Air Brake Company, The. (See Ostrander, Allen E., assignor.)
- Westinghouse Air Brake Company. (See Tarisien, Theophile, assignor.)
- Westinghouse Air Brake Company. (See Thomas, Thomas H., assignor.)
- Westinghouse Air Brake Company, The. (See Thompson, Benjamin H., assignor.)
- Westinghouse Air Brake Company, The. (See Wagner, Ernest, assignor.)
- Westinghouse Air Brake Company, The. (See Whitaker, Uncas A., assignor.)
- Westinghouse Air Brake Company, The. (See Woernely, Henry F., assignor.)
- Westinghouse Air Brake Company, The. (See Wrigley, Henry I., assignor.)
- Westinghouse Cooper Hewitt Gesellschaft m. b. H. (See Böhm, Helmut, assignor.)
- Westinghouse Electric Elevator Company. (See Dunlop, James, assignor.)
- Westinghouse Electric Elevator Company. (See Eames, William F., assignor.)
- Westinghouse Electric Elevator Company. (See Harding, W. R. and Bouton, assignors.)
- Westinghouse Electric Elevator Company. (See Harding, W. R. and Brown, assignors.)
- Westinghouse Electric Elevator Company. (See Vanderzee, Harry H., assignor.)
- Westinghouse Electric Elevator Company. (See White, Kenneth M., assignor.)
- Westinghouse Electric Elevator Company. (See Williams, Harold W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Alsing, Carl F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Anderson, William K., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Andrew, Victor J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Anoschenko, Boris V., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Armstrong, G. C. and Ellis, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Arnold, Edwin E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Arnold, E. E. and Fortescue, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Arnold, E. E. and Wahl, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Ashbaugh, John H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Atherton, Alfred L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Austin, Walter M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Baker, Benjamin P., assignor.)
- Westinghouse Electric and Manufacturing Company. (See Baker, B. P. and Leeds, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Baker, John G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bangratz, Ernest G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Baum, Frank G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Beard, Joseph G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Belknap, John H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bernarde, Henry L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Berthold, R. G., Steenbeck, and Von Engel, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Biebel, Herman M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Blankenbuehler, John H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Blankenbuehler, J. H. and Schoenfeld, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Bletz, Edward, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bletz, E. and Greenawalt, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Boddie, Clarence A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Boothby, Clinton R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bosch, Max, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bostwick, M. A. and Lenehan, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Brace, Porter H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bradshaw, William M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Brainard, Maurice W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Brindley, William E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Brown, John L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Brown, J. L. and Blankenbuehler, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Brown, J. L. and Fockler, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Brown, Roy L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Brunner, Harry C., assignor.)
- Westinghouse Electric and Manufacturing Company. (See Burr, G. A. and Arnold, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Carson, Robert W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Chubb, Lewis W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Chubbuck, L. B., Wishart, and Jeppesen, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Claytor, Edward M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Conrad, Frank, assignor.)
- Westinghouse Electric and Manufacturing Company. (See Conrad, F. and Aalborg, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Crabbs, Herbert J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dapprich, Carl E. L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Davis, Robert L.)
- Westinghouse Electric & Manufacturing Company. (See Dawson, John W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dean, Dale W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See DeCroce, Gennero, assignor.)
- Westinghouse Electric & Manufacturing Company. (See De Loache, Robert L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Denelson, E. S. and Vaughan, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Dickson, John, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Diehl, Carl W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dillon, H. G., Dreyer, and Jenks, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Dohner, Donald R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dorfman, Hiller D., assignor.)
- Westinghouse Electric and Manufacturing Company. (See Dovjikov, A. D., Fortescue, and Wagner, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Drake, C. W. and Nason, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Dunlop, James, assignor.)
- Westinghouse Electric and Manufacturing Company. (See Dyer, Lloyd W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Eames, William F., assignor.)

Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Edler, A., and Brockmann, assignors.)	Kilgore, Lee A., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Ehrenfeld, Ralph, assignor.)	Kimball, R. L., and Munro, assignors.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Ehrigott, Karl, assignor.)	Klemmer, Edward H., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Elbert, Robert S., assignor.)	Klemperer, Hans, assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Elbert, Robert S., Jr., assignor.)	Knowles, Dewey D., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Ellett, E. Vernon, assignor.)	Kovalsky, Joseph F., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Ellis, J. D., and Armstrong, assignors.)	Kozanowski, H. N., and Noble, assignors.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric and Manufacturing Company. (See
Else, Harry D., assignor.)	Landon, V. D., and Carlisle, assignors.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Emery, William M., assignor.)	Langritz, Hans, assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Evans, R. D., and Earle, assignors.)	Languth, Paul O., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Evans, R. D., and Lewis, assignors.)	Languth, P. O., and Lewis, assignors.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Exner, Donald W., assignor.)	Laudenbach, W., and Herndon, assignors.)
Westinghouse Electric & Manufacturing Company, et al.	Westinghouse Electric & Manufacturing Company. (See
(See Ferguson, R. W., and Sparkes, assignors.)	Lavalley, Joseph A., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Fischer, Eugene H., assignor.)	Leads, Winthrop M., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Forbes, Allan D., assignor.)	Lee, Reuben, assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Ford, James G., assignor.)	Lenahan, Bernard E., assignor.)
Westinghouse Electric and Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Foresman, Robert A., assignor.)	Lenenan, Bernard E., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Forsthoefel, Gregg F., assignor.)	Le Vesconte, Lester B., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Fortescue, Charles L., assignor.)	Le Vesconte, L. B., and Klemmer, assignors.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Fountain, Lawrence L., assignor.)	Levy, Cyril C., assignor.)
Westinghouse Electric and Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Freeman, H. M., and Wade, assignors.)	Lewis, Frank E., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Frischmuth, E., and Schenkel, assignors.)	Lewis, William A., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Gemmell, Robert W., assignor.)	Lewis, William A., Jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Gessford, Ross K., assignor.)	Leyner, George A., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Goldsborough, Shirley L., assignor.)	Lincoln, Rollo B., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Griscom, Samuel B., assignor.)	Lingal, Harry J., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Griscom, S. B., and Nycum, assignors.)	Long, Thomas H., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Grover, Elliott E., assignor.)	Lowry, Erwin F., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Guhl, Henry C., assignor.)	Lübcke, Ernst, assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Gulliksen, Finn H., assignor.)	Ludwig, L. R., and Slepian, assignors.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Gwaltney, William E., assignor.)	Lunas, Lawrence J., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Halliwell, George P., assignor.)	Mains, Gerald H., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Hanna, Clinton R., assignor.)	Marbury, Ralph E., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Hanzlik, Henry J., assignor.)	Marshall, D. E., and Silverman, assignors.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Harding, William R., assignor.)	Maslin, A. J., Fahnoe, and Schaffer, assignors.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Hastings, Roger W., assignor.)	Mathias, David L., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Hathaway, Clarence B., assignor.)	McCafferty, Robert H., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Haverstick, Earl J., assignor.)	McCloskey, Frederick W., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Hellmund, R. E., and Forbes, assignors.)	McNulty, John W., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Hengstenberg, Paul M., assignor.)	Mercereau, J. T., and Maslin, assignors.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Elec. & Mfg. Company. (See Milne,
Hensel, F. R., and Larsen, assignors.)	Gordon R., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Herr, Herbert T., assignor.)	Monteith, Alexander C., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Hochstetter, Paul E., assignor.)	Moss, Charles M., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Hodnette, John K., assignor.)	Mouromtseff, Ilya B., assignor.)
Westinghouse Electric and Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Hunt, M. H., and Barrow, assignors.)	Mouromtseff, I. E., and Noble, assignors.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Jenkins, Charles F., assignor.)	Mueller, Erlich O., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Jennings, Oliver S., assignor.)	Neugebauer, Hermann, assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Jordan, Richard H., assignor.)	Osbon, William O., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Jordan, R. H., and Hochstetter, assignors.)	Owens, Raymond W., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Kahn, A. M., and Hyde, assignors.)	Page, Charles A., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Kallscher, Milton, assignor.)	Parsons, John S., assignor.)
Westinghouse Electric & Manufacturing Company. (See	Westinghouse Electric & Manufacturing Company. (See
Keyes, John J., assignor.)	Parsons, J. S., and Powers, assignors.)

- Westinghouse Electric & Manufacturing Company. (See Patterson, William M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Penney, Gaylord W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Peters, John F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Philippi, Arthur K., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Philpott, La Verne R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Potter, John A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Powers, Frank B., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Quarles, Lawrence R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rasmussen, Harold V., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rawlins, Herbert L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Reynders, Arthur B., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Riley, Lynn G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rose, Bennie A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rose, Herbert A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rose, H. A., and Maslin, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Roth, W., and Kerin, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Rüdénberg, Reinhold, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rudenberg, R., and Steenbeck, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Rufsvold, Arnold S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Saler, Jules N., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Sandin, Jerome, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Sashoff, Stephan P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Schaake, William, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Schaeclilin, Walter, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Schaeclilin, W., and Forbes, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Schmidt, Henry F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Schmutz, Oskar, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Schofield, S. T., and Boden, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Schramm, Walter H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Schulz, Walter A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Schwendner, Anthony F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Scism, John N., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Scott, Howard, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Shand, Errol B., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Silverman, Daniel, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Silverman, D., and Ludwig, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Slepian, Joseph, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Slepian, J., and Ludwig, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Slepian, J., Ludwig, and Silverman, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Slepian, J., Tanberg, and Krause, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Smede, Lloyd, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Smith, Benjamin H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Smith, L. R., and Minkler, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Smith, Roy M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Smith, Uel L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Smith, Walter H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Snyder, Rolla R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Socher, F., and Hofmann, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Soderberg, Carl R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Sprague, Frank J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Staeger, Stephen A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Staeger, S. A., Reding, and Peters, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Steenbeck, Max, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Stoeber, Herman J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Stogoff, Peter E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Stone, M., and Baudry, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Storer, Norman W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Styer, Charles A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Tarleton, Frederic L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Taugher, Frank P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Taylor, Frank W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Terry, Matson C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Thompson, Henry H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Trouant, Virgil E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Tubbs, Lester G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Vaughn, Victor G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Veinott, Cyril G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See von Issendorff, Jurgen, assignor.)
- Westinghouse Electric & Manufacturing Company. (See von Issendorff, Jürgen, and Netzsich, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Wagner, Charles F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wahlberg, N. A., and Lockwood, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Warrender, Ralph, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Watts, Thomas R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wensley, Roy J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See West, Charles P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See West, D. C., and Rose, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Whisler, George M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See White, H. E., and Haverkamp, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Wickerham, William R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wilby, Norman H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wilson, Earl D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Winkler, Frederick C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wolf, Lester J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wolfert, Edward R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Woodson, James C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wright, Leo D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wright, Ralph H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Young, Douglass A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Zetterquist, Eric, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Zworykin, Vladimir, K., assignor.)
- Westinghouse Elevator Company. (See Kelper, Phillip C., assignor.)
- Westinghouse Lamp Company. (See Beebe, Raymond H., assignor.)
- Westinghouse Lamp Company. (See Beese, Norman C., assignor.)
- Westinghouse Lamp Company. (See Brueckmann, Earl C., assignor.)
- Westinghouse Lamp Company. (See Calvert, Landon R., assignor.)
- Westinghouse Lamp Company. (See Dietz, Ewald, assignor.)
- Westinghouse Lamp Company. (See Donohoe, James A., assignor.)
- Westinghouse Lamp Company. (See Driggs, Frank H., assignor.)
- Westinghouse Lamp Company. (See Ehrke, Louis F., assignor.)
- Westinghouse Lamp Company. (See Findlay, John H., assignor.)
- Westinghouse Lamp Company. (See Gustin, Daniel S., assignor.)
- Westinghouse Lamp Company. (See Gustin, D. S., and Fagan, assignor.)
- Westinghouse Lamp Company. (See Gustin, D. S., and Flook, assignors.)
- Westinghouse Lamp Company. (See Gustin, D. S., and Mongon, assignor.)

- Westinghouse Lamp Company. (See Hankins, Thomas J., Jr., assignor.)
- Westinghouse Lamp Company. (See Hummel, Robert T., assignor.)
- Westinghouse Lamp Company. (See Kurlander, John H., assignor.)
- Westinghouse Lamp Company. (See Langhans, Otto W., assignor.)
- Westinghouse Lamp Company. (See Linder, J. A., and de Gauge, assignors.)
- Westinghouse Lamp Company. (See Ludwig, Leon R., assignor.)
- Westinghouse Lamp Company. (See Marden, John W., assignor.)
- Westinghouse Lamp Company. (See Marden, J. W., and Lederer, assignors.)
- Westinghouse Lamp Company. (See Marden, J. W., and Meister, assignors.)
- Westinghouse Lamp Company. (See McKay, William A., assignor.)
- Westinghouse Lamp Company. (See Meister, George, assignor.)
- Westinghouse Lamp Company. (See Meyer, Peter, assignor.)
- Westinghouse Lamp Company. (See Moran, William G., assignor.)
- Westinghouse Lamp Company. (See Morrison, Montford, assignor.)
- Westinghouse Lamp Company. (See Parrott, Warley L., assignor.)
- Westinghouse Lamp Company. (See Rennie, Robert F., assignor.)
- Westinghouse Lamp Company. (See Rentschler, Harvey C., assignor.)
- Westinghouse Lamp Company. (See Rentschler, H. C., and Henry, assignors.)
- Westinghouse Lamp Company. (See Shipp, Robert C., assignor.)
- Westinghouse Lamp Company. (See Sinden, Roger H., assignor.)
- Westinghouse Lamp Company. (See Smith, Douglas Y., assignor.)
- Westinghouse Lamp Company. (See Stewart, Nelson H., assignor.)
- Westinghouse Lamp Company. (See Sweet, Arthur J., assignor.)
- Westinghouse Lamp Company. (See Ulrey, Clayton T., assignor.)
- Westinghouse X-Ray Company. (See Hoben, Francis M., assignor.)
- Westinghouse X-Ray Company. (See Kinney, J. Stanley, assignor.)
- Westinghouse X-Ray Company. (See Levene, George, assignor.)
- Westinghouse X-Ray Company. (See Morrison, Montford, assignor.)
- Westinghouse X-Ray Company. (See Mutscheller, Arthur, assignor.)
- Westkott, Hans. West Reading, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Machine for reclaiming yarn from knitted fabric. 2,003,777; June 4.
- Westland, J. A. (See Jawort, Frank A.)
- Westling, Herman. Watertown, Mass. Shoe and sole therefor. 1,989,902; Feb. 5.
- Westman, Albert E. R., assignor to Ontario Research Foundation, Toronto, Ontario, Canada. Manufacture of ceramic ware. 1,993,047; Mar. 5.
- Westman, William W., assignor to First National Institute of Violin, South Bend, Ind. Shoulder pad. 2,004,356; June 11.
- West Michigan Steel Foundry Co. (See Ketel, Henry, assignor.)
- West Michigan Steel Foundry Co. (See Ketel, H., Harris, and Van Der Heuvel, assignors.)
- West Michigan Steel Foundry Co. (See Seyferth, C. G., and Swanson, assignors.)
- Westmore, Walter J., Beverly Hills, assignor to Paramount Productions, Inc., Los Angeles, Calif. Mask. 2,023,214; Dec. 3.
- Westphal, Albert. Berlin-Neukolln, Germany. Measuring device. 1,988,884; Jan. 22.
- Weston, Edward F., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Exposure meter. 2,016,469; Oct. 8.
- Weston Electrical Instrument Corporation. (See Auble, Robert N., assignor.)
- Weston Electrical Instrument Corporation. (See Goodwin, William N., Jr., assignor.)
- Weston Electrical Instrument Corporation. (See Lamb, Anthony H., assignor.)
- Weston Electrical Instrument Corporation. (See Lederer, Karl M., assignor.)
- Weston Electrical Instrument Corporation. (See Miller, John H., assignor.)
- Weston Electrical Instrument Corporation. (See Weston, Edward F., assignor.)
- Weston, John L., East Orange, N. J., assignor to Wired Radio Inc., New York, N. Y. Amplification system. 1,997,283; Apr. 9.
- Weston, Milton T., Keansburg, N. J. Adjustable chain drive. 1,997,284; Apr. 9.
- Weston, William S., Douglaston, N. Y. Adjustable curve ruler. 2,001,949; May 21.
- Westra, Mient, Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Pattern and preparing and reproducing them. 2,019,590; Nov. 5.
- Westrope, Fred J., Detroit, Mich., assignor to The Murray Corporation of America. Vehicle body. 2,002,596; May 28.
- Westrope, Fred J., Detroit, Mich., assignor, by mesne assignments, to The Reid Products Company, Cleveland, Ohio. Window glass runway. 2,017,556; Oct. 15.
- Westrope, Fred J., Detroit, Mich., assignor to The Murray Corporation of America. Cowl ventilator. 2,022,020; Nov. 26.
- Westvaco Chlorine Products, Inc. (See Derick, Clarence G., assignor.)
- Westvaco Chlorine Products, Inc. (See Nichols, William T., assignor.)
- Westveer, Adrian J., Fort Riley, Kans. Toy building block set. 2,024,899; Dec. 17.
- West Wind Corporation. (See Miller, Allen O., assignor.)
- Westwood, Frank R., and W. W. Landrum, Wichita, Kans. Coffee measuring and dispensing device. 1,989,221; Jan. 29.
- Wetcher, Robert J. (See Schaefer, O. T., and Wetcher.)
- Wetherbee, Ashur U., Evanston, Ill. Boiler. 1,995,134; Mar. 19.
- Wetherbee, Harry L., assignor to H. A. Brassert & Co., Chicago, Ill. Valve for hot gas mains. 1,995,727; Mar. 26.
- Wetherbee, Herbert E., Cleveland Heights, Ohio, assignor of one-tenth to B. H. Grant and seven-tenths to R. F. Grant, New York, N. Y. Treating aluminum surfaces. 2,018,694; Oct. 29.
- Wetherhold, William R., et al. (See Berstler, Carl E., assignor.)
- Wetherill-Morris Engineering Company. (See Wetherill, S. P., Jr., and Shoemaker, assignors.)
- Wetherill, Samuel P., Jr., Haverford, and F. F. Shoemaker, Chestnut Hill, Pa., assignors to Wetherill-Morris Engineering Company, Inc., Philadelphia, Pa. Metal casting system. 2,018,586; Oct. 22.
- Wetmore, Elbert L. (See Mitchell, C. L., and Wetmore.)
- Wetsel, Carlton. (See Smith, E. L., and Wetsel.)
- Wetsel, Carlton, assignor to Package Machinery Company, Springfield, Mass. Paper feed control. 1,989,390; Jan. 29.
- Wetter, J. William, receiver. (See Shiley, Elmer C., assignor.)
- Wetterholm, Charles L., Brooklyn, N. Y. Camera shutter and flash light synchronizing device. 2,009,827; July 30.
- Wettlaufer, Jules L., Belmont, assignor to The Patent and Licensing Corporation, Boston, Mass. Method of and apparatus for treating shingle elements. 2,011,098; Aug. 13.
- Wettlaufer, William L., Buffalo, N. Y., assignor to The W. S. Tyler Company, Cleveland, Ohio. Gyration scrubber. 1,989,777; Feb. 5.
- Wettlaufer, William L., Buffalo, N. Y., assignor to The W. S. Tyler Company, Cleveland, Ohio. Gyration scrubber. 1,990,765; Feb. 12.
- Wettlaufer, William L., Buffalo, N. Y., assignor to The W. S. Tyler Company, Cleveland, Ohio. Machine for treating gravel, sand and like materials. 2,004,965; June 18.
- Wettlaufer, William L., Buffalo, N. Y., assignor to The W. S. Tyler Company, Cleveland, Ohio. Gyration scrubber. 2,009,126; July 23.
- Wettstein, Albert. (See Hartmann, M., and Wettstein.)
- Wettstein, August, assignor to Aktiengesellschaft Brown, Boveri & Cie. Baden, Switzerland. Fuel nozzle for oil furnaces. 2,015,611; Sept. 24.
- Wettstein, Hans, Oerlikon, Switzerland. Liquid atomizer. 1,988,885; Jan. 22.
- Wetzel, Harry W., Bellefont, Kans. Dam forming attachment for lister plows. 2,021,343; Nov. 19.
- Wetzler, Max. (See Elle, E., and Wetzler.)
- Wetzler, Rudl. (See Elle, E., and Wetzler, assignors.)
- Wever, Franz, Dusseldorf, Germany, assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Furnace lining protection. 1,997,988; Apr. 16.
- Wevers, Hendrik, Hengelo, Netherlands. Nonskid mechanism. 2,012,366; Aug. 27.
- Wexelberg, Clarence E., and G. N. Lillygren, assignors to Briggs Manufacturing Company, Detroit, Mich. Delivery vehicle body construction. 2,020,817; Nov. 12.
- Weyers, Theodor J. (See Posthumus, K., and Weyers.)
- Weyerts, Walter J. (See Hickman, K. C. D., and Weyerts.)
- Weygandt, Arthur S., Cleveland Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Refractory material for use in metal castings and making the same. 1,999,382; Apr. 30.
- Weyl, Pierce A., Dearborn, Mich. Humidifier. 2,022,394; Nov. 26.
- Weymouth, Frederick R. (See Payne, S. T., and Weymouth.)
- Weymouth, Frederick R., Buffalo, N. Y., assignor to Curtiss Aeroplane & Motor Company. Aileron and flap combination. 1,988,148; Jan. 15.
- Weymouth, Frederick R., Buffalo, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Antidutter device. 1,997,285; Apr. 9.

- Weymouth, Frederick R., and F. A. Wedberg, Buffalo, N. Y., assignors to Curtiss Aeroplane & Motor Company, Inc. Retractable landing gear. 2,014,793; Sept. 17.
- Weymouth, Harry G., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Calibrating mechanism for piston meters. 2,017,267; Oct. 15.
- Whalan, Joseph P., and L. T. Harkness, assignors to Crescent Tool Company, Jamestown, N. Y. Wire and sleeve connector tool. 1,994,972; Mar. 19.
- Whalan, Joseph P., and L. T. Harkness, assignors to Crescent Tool Company, Jamestown, N. Y. Wire and sleeve connector tool. 1,994,973; Mar. 19.
- Whalen, William H., Beverly Hills, assignor to Silent Railway Crossing Company, Los Angeles, Calif. Railway crossing. 2,021,905; Nov. 26.
- Whalley, George E., Chicago, Ill., assignor to Robert Gaylord, Incorporated, St. Louis, Mo. Carton. 1,991,589; Feb. 19.
- Whalley, George E., Chicago, Ill., assignor to Robert Gaylord, Incorporated, St. Louis, Mo. Carton. 2,013,874; Sept. 10.
- Whamond, Archie D., Philadelphia, Pa. Apparatus for testing railroad signal systems. 2,017,424; Oct. 15.
- Wharum, John J., assignor to Ford Motor Company, Dearborn, Mich. Ash tray. 1,993,950; Mar. 12.
- Wharton, Edward R., Medford, Mass. Safety razor blade. 2,011,025; Aug. 13.
- Wharton, John, assignor to William Beardmore & Company Limited, Glasgow, Scotland. Regulating internal combustion engines. 2,022,611; Nov. 26.
- Wheary, George H., assignor to Wheary Trunk Company, Racine, Wis. and luggage. 1,988,530; Jan. 22.
- Wheary, George H., assignor to Wheary Trunk Company, Racine, Wis. Latch lock. 2,001,805; May 21.
- Wheary, George H., assignor to Wheary Trunk Company, Racine, Wis. Hand luggage. 2,001,806; May 21.
- Wheary, George H., assignor to Wheary Trunk Company, Racine, Wis. Hand luggage. 2,001,807; May 21.
- Wheary Trunk Company. (See Peshek, Joseph, assignor.)
- Wheat, Grant, assignor to Koehler Manufacturing Company, Marlboro, Mass. Miner's lamp. 2,021,111; Nov. 12.
- Wheat, William C. (See Spracher, Clifford D., assignor.)
- Wheat, William G., Kansas City, Mo. Plug-in coil mounting. 2,023,157; Dec. 3.
- Wheatley, Francis, Sr., Kansas City, Mo. Rotary pump. 2,014,601; Sept. 17.
- Wheatley, George, Milwaukee, Wis., assignor to The Akron Standard Mold Company, Akron, Ohio. Retreading tires. 2,014,010; Sept. 10.
- Wheatley, Herbert H. (See Guest, J. J., and Wheatley.)
- Wheatley, John E., Norwood, Ohio. Bookcase. 2,011,962; Aug. 20.
- Wheatley, Lucy D. B., et al., executors. (See Guest, J. J., and Wheatley.)
- Wheaton, A. W., Brass Works. (See Wheaton, Abram W., assignor.)
- Wheaton, Abram W., Maplewood, assignor to A. W. Wheaton Brass Works, Newark, N. J. Faucet. 1,998,913; Apr. 23.
- Wheaton, Abram W., Maplewood, assignor to A. W. Wheaton Brass Works, Newark, N. J. Safety wrench for faucets and like valves. 1,998,914; Apr. 23.
- Wheaton, Abram W., Maplewood, assignor to A. W. Wheaton Brass Works, Newark, N. J. Antifreeze valve. 2,008,375; July 16.
- Wheaton, Abram W., Maplewood, assignor to A. W. Wheaton Brass Works, Newark, N. J. Self-closing faucet. 2,026,110; Dec. 31.
- Wheelbarger, Albert S., Dayton, assignor, by mesne assignments, to Central United National Bank, Cleveland, Ohio, as trustee. Transfer mechanism for a totalizer. 2,015,701; Oct. 1.
- Wheelco Vacuum Products Company et al. (See Cohen, Theodore A., assignor.)
- Wheeler, Brian, Erie, assignor to W. J. Troutman, Butler, Pa. Vacuum regulator. 2,025,626; Dec. 24.
- Wheeler, Bryan. (See Wheeler, H., and Wheeler.)
- Wheeler, Charles, Requa, Calif. Shade roller operating mechanism. 2,017,484; Oct. 15.
- Wheeler, Clyde H., Midland Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cleaning tool. 2,022,021; Nov. 26.
- Wheeler, Earl L., assignor of one-half to P. H. Forsythe, Cambridge, Ohio. Shoveling, digging, and boring machine. 1,987,982; Jan. 15.
- Wheeler, Edward, Aldwych, London, England, assignor to American Engineering Company, Philadelphia, Pa. Hopper, chute and the like for feeding lumpy, granular, or pulverulent material. 1,988,531; Jan. 22.
- Wheeler, Elizabeth. (See Wheeler, Harley T., assignor.)
- Wheeler, Evan R. (See Dirkes, R. F., and Wheeler.)
- Wheeler, Frank E., Arcadia, and W. H. Emberton, Monrovia, Calif. Artificial arm. 1,989,960; Feb. 5.
- Wheeler, Frank K. B. (See Wheeler, Walter H., assignor.)
- Wheeler, George W., Kansas City, Mo. Baking pan. 2,014,216; Sept. 10.
- Wheeler, Harley T., Dallas, Tex. Packing ring shape. 1,989,903; Feb. 5.
- Wheeler, Harley T., Dallas, Tex. Plastic packing stuffing box. 1,991,714; Feb. 19.
- Wheeler, Harley T., Dallas, Tex. Packing set shape. 1,991,715; Feb. 19.
- Wheeler, Harley T., Dallas, Tex. Multistage packing. 1,996,779; Apr. 9.
- Wheeler, Harley T., Dallas, Tex. Variable pressure multistage packing. 1,996,780; Apr. 9.
- Wheeler, Harley T., Dallas, Tex. Inching process for shaping packing rings. 2,006,377; July 2.
- Wheeler, Harley T., Dallas, Tex. Constant friction packing. 2,006,529; July 2.
- Wheeler, Harley T., Dallas, Tex. Constant pressure multistage packing. 2,012,150; Aug. 20.
- Wheeler, Harley T., assignor to Elizabeth Wheeler, Dallas, Tex. Two-stage packing with equalizer connection. 2,009,423; July 30.
- Wheeler, Harley T., Dallas, Tex. Friction testing machine. 2,017,425; Oct. 15.
- Wheeler, Harley T., Dallas, Tex. Packing ring. 2,026,409; Dec. 31.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Amplifier. 1,997,665; Apr. 16.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Superheterodyne radioreceiver. 2,000,113; May 7.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Automatic volume control. 2,001,950; May 21.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Automatic amplification control. 2,013,121; Sept. 3.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Electron discharge device. 2,015,327; Sept. 24.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Electron discharge device. 2,016,760; Oct. 8.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Detecting and indicating device. 2,018,540; Oct. 22.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Feed-back circuits. 2,022,067; Nov. 26.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Radioreceiver. 2,022,068; Nov. 26.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Simplified selective circuits. 2,026,075; Dec. 31.
- Wheeler, Harold A., Great Neck, and N. P. Case, Bayside, N. Y., assignors to Hazeltine Corporation. Radioreceiver. 2,024,017; Dec. 10.
- Wheeler, Harry, Tenafly, N. J., and Brian Wheeler, Erie, Pa. Thermostatic device. 2,021,440; Nov. 19.
- Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Paster for cigar machines. 2,012,149; Aug. 20.
- Wheeler, Henry J. (See Sells, O. S., and Wheeler.)
- Wheeler, Henry J., Buffalo, N. Y., assignor to Food Machinery Corporation, San Jose, Calif. Centering device for corn cutting machines. 2,015,299; Sept. 24.
- Wheeler, Henry J., Buffalo, N. Y. Corn cutter. 2,017,931; Oct. 22.
- Wheeler, Holman K., Newton Center, Mass., assignor to Mechanical Transfer Car Corporation, St. Johnsbury, Vt. Storing motor vehicles. 2,022,167; Nov. 26.
- Wheeler, Horatio F. de C., Greenford, England. Safety razor. 1,992,107; Feb. 19.
- Wheeler, Howard M., Iron River, Mich. Florist's shears. 2,012,648; Aug. 27.
- Wheeler, Leonard H. (See Schulze, W. H., and Wheeler.)
- Wheeler, Lloyd G. (See Farley, F. S., and Wheeler.)
- Wheeler, Oscar J., Jersey City, N. J. Temporally plugging condenser leaks. 2,001,558; May 14.
- Wheeler Paper Corporation. (See Peters, William H., assignor.)
- Wheeler, Phillip R., Alexandria, Va. Control system for transmissions. 2,026,152; Dec. 31.
- Wheeler, Raymond D. (See Gagnon, L. L., and Wheeler.)
- Wheeler Reflector Company. (See Sawin, Kenneth A., assignor.)
- Wheeler, Russell C., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Pipe anchor. 2,002,103; May 21.
- Wheeler, Vaughn E., Rome, Ga., assignor to Tubize Chatillon Corporation. Bobbin removing device. 2,010,906; Aug. 13.
- Wheeler, Walter H., assignor to F. K. B. Wheeler, Minneapolis, Minn. Frame for concrete columns. 2,000,543; May 7.
- Wheeler, William I., Scottville, Ill. Power transmission mechanism. 1,997,503; Apr. 9.
- Wheeler, William L., Los Angeles, Calif. Clock with memorandum attachment and reminder. 2,014,754; Sept. 17.
- Wheeling Stamping Company. (See Davis, W. T., and McGinnis.)
- Wheeling Steel Corporation. (See Bell, William M., assignor.)
- Wheeling Steel Corporation. (See Rollason, Charles H., assignor.)
- Wheeling Steel Corporation. (See Roseberry, Thayer M., assignor.)
- Wheelock, Herbert K., Los Angeles, Calif. Air bag. 2,026,111; Dec. 31.
- Wheelock, Louis N., assignor to Boiler Equipment Trust, North Amherst, Mass. Boiler tube cleaner. 2,011,330; Aug. 13.
- Wheel Trueing Tool Co. of Delaware. (See Pioch, Carl E., assignor.)

- Wheelwright, John S., Tonbridge, England. Stencil printing machine. 2,019,375; Oct. 29.
- Wheelwright, John S., Tonbridge, and G. H. Abell, Esher, England, said Abell assignor to said Wheelwright. Method of and apparatus for mounting sheet material on a flat support for printing or other purposes. 2,017,706; Oct. 15.
- Whelan, Dow O., Haddonfield, N. J., assignor to General Electric Company. Volume control system. 1,992,021; Feb. 19.
- Whelan, Howard J., assignor of thirty-five per cent to R. B. Tippet, and twenty-five per cent to F. H. Kelly, Baltimore, Md. Nondrip bottle. 2,025,406; Dec. 24.
- Whelan, Paul R., assignor to D. O. Royster, St. Louis, Mo. Sheet handling machine. 2,017,191; Oct. 15.
- Wheland Company, The. (See Campbell, George E., assignor.)
- Whelen, Myron S. (See Wuertz, A. J., and Whelen.)
- Wheller, Harry S., Elizabeth, N. J. Heater. 2,000,112; May 7.
- Whetherhult, Louis L., Los Angeles, Calif. Alarm. 1,995,019; Mar. 19.
- Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Unbuttoning device. 2,022,752; Dec. 3.
- Whenham, Everett L., Los Angeles, Calif. Shoe-shine apparatus. 2,025,627; Dec. 24.
- Wherle Company, The. (See Pickup, George E., assignor.)
- Whetzel, Joshua C., and R. E. Zimmerman, Pittsburgh, Pa., assignors to American Sheet and Tin Plate Company. Recovering salts and other compounds. 2,005,120; June 18.
- Whinery, Ingle B., East Grand Rapids, assignor to Waddell Manufacturing Company, Grand Rapids, Mich. Carving machine. 2,012,059; Aug. 20.
- Whipp, Leslie H., administrator. (See Zander, Milton W., assignor.)
- Whipple, Willis A., Chicago, Ill. Vibratory current interrupter. 2,000,204; May 7.
- Whisler, George M., Berkeley, Calif., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulator. 1,997,666; Apr. 16.
- Whisler, Thomas C., Berkeley, Calif., assignor to American Manganese Steel Company, Chicago Heights, Ill. Dipper tooth and front for excavating dippers. 1,992,591; Feb. 26.
- Whist, Gunnar L. (See Jensen, Karl J., assignor.)
- Whistler, Lawrence V., Kenmore, assignor to S. B. Whistler & Sons, Inc., Buffalo, N. Y. Perforating die and stripping mechanism therefor. 1,986,036; Jan. 1.
- Whistler, S. B., & Sons, Inc. (See Whistler, Lawrence V., assignor.)
- Whitacre, Clarence J., assignor to Motor Wheel Corporation, Lansing, Mich. Composite brake drum and making the same. 1,995,697; Mar. 26.
- Whitacre, Donald D., Waynesburg, Ohio, assignor to The Whitacre Engineering Company, Chicago, Ill. Floor construction. 1,989,254; Jan. 29.
- Whitacre Engineering Company, The. (See Whitacre, Donald D., assignor.)
- Whitaker, Alfred, West Drayton, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Photographic recording of acoustic or the like oscillations. 1,996,359; Apr. 2.
- Whitaker, Alfred, West Drayton, England, assignor to Radio Corporation of America, New York, N. Y. Photographic sound record. 2,002,620; May 28.
- Whitaker, Alfred, West Drayton, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Glow discharge device such as is used in the recording of sound. 2,017,520; Oct. 15.
- Whitaker, Alfred, West Drayton, and C. O. Browne, London, assignors to Electric and Musical Industries Limited, Middlesex, England. Recording sound. 2,001,005; May 14.
- Whitaker, Carl F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 2,003,026; May 28.
- Whitaker, Charles H. W., Marietta, Ohio, assignor of seventy-five one-hundredths to Industrial Dyestuff Company, East Providence, R. I. Manufacture of monomethyl-para-aminophenol and its sulphate. 1,993,253; Mar. 5.
- Whitaker, Dorothy V. D., Washington, D. C. Sleeve protector. 1,997,956; Apr. 16.
- Whitaker, Harriet B., Mount Pleasant, Tenn. Brassière. 2,021,906; Nov. 26.
- Whitaker, Harry, South Barre, Mass. Cleaning device for grill-box fallers. 2,005,209; June 18.
- Whitaker, James N., Tuckahoe, N. Y., assignor to Radio Corporation of America. Oscillation generation. 1,995,164; Mar. 19.
- Whitaker, James N., Tuckahoe, N. Y., and H. Shore, Elizabeth, N. J., assignors to Radio Corporation of America. Modulated oscillator. 1,991,970; Feb. 19.
- Whitaker, Uncas A., Canton, assignor to The Hoover Company, North Canton, Ohio. Electric motor. 2,008,377; July 16.
- Whitaker, Uncas A., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,008,779; July 23.
- Whitaker, Uncas A., Canton, Ohio, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,017,678; Oct. 15.
- Whitaker, Worth W., et al. (See Coble, John B., assignor.)
- Whitall Tatum Company. (See Du Bois, David I., assignor.)
- Whitall Tatum Company. (See Thorp, Benjamin S., assignor.)
- Whitby, Ernest, London, I. A. D. Pedler, and E. J. Selston, Bristol, and L. R. Lester, Old Bracknell, England. Remote control system. 1,988,257; Jan. 15.
- Whitby, Ernest, London, I. A. D. Pedler, E. J. Selston, and A. J. Newman, Bristol, and L. R. Lester, Old Bracknell, England. Remote control apparatus. 2,014,011; Sept. 10.
- Whitcomb, Arthur J. (See Fox, G., and Whitcomb.)
- Whitcomb, Arthur J., and O. C. Callow, assignors to Freyn Engineering Company, Chicago, Ill. Automatic water control. 1,985,100; Jan. 15.
- Whitcomb, Charles H. (See Lonzo, William, assignor.)
- Whitcomb, Daniel F., assignor of one-half to C. E. Bireley, Los Angeles, Calif. Lid removing means for cans. 2,022,948; Dec. 3.
- Whitcomb, Ira B., Dorris, Calif. Novelty picture. 2,018,587; Oct. 22.
- Whitcomb Locomotive Company, The. (See Eckert, William F., assignor.)
- Whitcomb, Preston, Kenmore, assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Self-locking differential. 1,988,183; Jan. 15.
- Whitcomb, William H., Newtonville, Mass. Adjustable frame for jig-saw puzzles. 2,003,845; June 4.
- White, Albert E. (See Hildorf, W. G., White, and Clark.)
- White, Alexander P., Caldwell, assignor of one-half to E. T. Wilkinson, Montclair, N. J. Traffic guidance marker for road surfaces. 2,021,759; Nov. 19.
- White Automatic Gun Corporation. (See White, Joseph C., assignor.)
- White, Blanche B. (See Seymour, G. W., and White.)
- White, Bruce G., deceased, by M. L. White, executrix, assignor, to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, permanent trustee. Roll changer. 2,006,754; July 2.
- White, Carl E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Hay rake. 2,026,112; Dec. 31.
- White, Charles F., Toronto, Ontario, Canada. Hydraulic valve. 1,999,493; Apr. 30.
- White, Charles H., assignor to Deere & Company, Moline, Ill. Planter. 2,023,655; Dec. 10.
- White, Charles L., Thomasville, N. C., and G. T. Johnson, assignors to Yates-American Machine Company, Beloit, Wis. Adjustable stop pin for routers. 2,004,738; June 11.
- White, Charles R. (See Claspby, B. H., and White.)
- White, Charles W., Waco, Tex. Wheeled stipladder. 1,992,108; Feb. 19.
- White, Clarence W., Chicago, Ill. Fuel volatilizing device. 2,023,185; Dec. 3.
- White, Daniel A., and J. O. McNamara, Minneapolis, Minn. Device for testing thermostats. 2,026,079; Dec. 31.
- White, Edgar G., assignor to Crouse-Hinds Company, Syracuse, N. Y. Gas burner. 1,986,311; Jan. 1.
- White, Edward J., and A. S. Garove, Detroit, Mich. Pick-up and delivery system. 2,000,154; May 7.
- White, Edward T., Rockville Center, N. Y. Preaddressed envelope folder. 2,016,063; Oct. 1.
- White, Edwin H., Newark, N. J., assignor to American Reinforced Paper Company, Attleboro, Mass. Waterproofing buildings. 2,003,618; June 4.
- White, Edwin W., Sr., Owings Mill, Md. Gas producing apparatus. 2,009,155; July 23.
- White, Ernest M., Los Angeles, Calif. Fuel separator and vaporizer. 1,991,531; Feb. 19.
- White, Eugene O., Rochester, N. Y. General utility hanging bracket. 2,010,283; Aug. 6.
- White, Eugene O., Rochester, N. Y. Atomizer. 2,026,369; Dec. 31.
- White, Everett H., St. Paul, Minn. Remote control regulator motor. 2,004,622; June 11.
- White, Frank, Bloomfield, N. J. Ladder. 1,996,133; Apr. 2.
- White, Frank L. (See Brooker, L. G. S., and White.)
- White, Frank L., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion containing selenocarbocyanines. 1,990,507; Feb. 12.
- White, Frank L., assignor to Eastman Kodak Company, Rochester, N. Y. Selenocarbocyanine and preparing it. 1,990,681; Feb. 12.
- White, Frank L., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion containing selenazolinocarbocyanines. 1,990,682; Feb. 12.
- White, Franklin R., assignor to The Patent Button Company, Waterbury, Conn. Die or anchor for tack buttons. 2,001,355; May 14.
- White, Franklin R., assignor to The Patent Button Company, Waterbury, Conn. Tack button. 2,018,104; Oct. 22.
- White, Franklin R., assignor to The Patent Button Company, Waterbury, Conn. Tack button. 2,018,105; Oct. 22.
- White, Frederick, deceased, Newton, Mass., by L. A. White, executrix, Newton, Mass. Air conditioning apparatus. 1,994,329; Mar. 12.
- White, George H., Hartford, Conn., assignor to C. A. Macomic, Chicago, Ill. Type casting machine. 1,989,161; Jan. 29.
- White, Gerald, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Treatment of abrasive tools. 2,022,530; Nov. 26.

- White, Harold E., and A. W. Haverkamp, Wilkesburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Circuitous elevator control system. 2,013,817; Sept. 10.
- White, Harold S., South Bend, Ind. Vacuum-operated means for treating insect bites and the like. 2,015,130; Sept. 24.
- White, Harry B., Canton, Ohio, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,999,674; Apr. 30.
- White, Harry B., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,003,098; May 28.
- White, Harry B., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,004,261; June 11.
- White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,008,376; July 16.
- White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,015,171; Sept. 24.
- White, Harry B., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,024,260; Dec. 17.
- White, Harry B., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,024,261; Dec. 17.
- White, Henry G., and F. L. Porter, High Point, N. C. Mirror making. 2,000,310; May 7.
- White, Henry W., assignor of fifty-one per cent to R. V. Whitty, Houston, Tex. Combination register and money changer. 1,992,269; Feb. 26.
- White, Herbert E., Cleveland, assignor to Truscon Steel Company, Youngstown, Ohio. Vehicle brake. 2,002,990; May 28.
- White, Herbert E., Lakewood, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Coil spring. 2,026,007; Dec. 31.
- White, Howard D., Tarrytown-on-Hudson, N. Y. Shoe shining device. 1,996,893; Apr. 9.
- White, James A., Lockport, N. Y., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Cooling system for internal combustion engines. 1,998,695; Apr. 23.
- White, James F., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Stain removal. 2,022,262; Nov. 26.
- White, Jess J., Alton, Ill., assignor to Owens-Illinois Glass Company. Article conveying and distributing apparatus. 2,008,572; July 16.
- White, Jesse M., Philadelphia, Pa. Brake shoe. 2,015,829; Oct. 1.
- White, Joe. (See Critchfield, R. M., and White.)
- White, John B., Portland, Oreg., assignor to White Rotary Valve Corporation. Rotary valve driving mechanism. 1,990,443; Feb. 5.
- White, John B., Portland, Oreg., assignor to White Rotary Valve Corporation. Rotary valve. 1,990,444; Feb. 5.
- White, John C., Madison, Wis. Separator. 1,987,884; Jan. 15.
- White, John C., and R. W. Miller, assignors to The Hydro-Heater Corporation, Madison, Wis. System for continuous flow of water. 1,987,883; Jan. 15.
- White, John W. (See Baisch, C. F., and White.)
- White, John W., Detroit, Mich. Hydraulic brake. 1,999,675; Apr. 30.
- White, John W., assignor, by mesne assignments, to Kelsey-Hayes Wheel Company, Detroit, Mich. Apparatus for forming brake drums. 2,000,155; May 7.
- White, John W., Detroit, Mich., assignor, by mesne assignments, to General Motors Corporation. Brake mechanism. 2,016,761; Oct. 8.
- White, John W., Detroit, Mich., assignor, by mesne assignments, to General Motors Corporation. Actuator. 2,018,754; Oct. 29.
- White, John W., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Brake drum. 2,026,263; Dec. 31.
- White, Joseph, New York, N. Y. Bung driver. 2,010,575; Aug. 6.
- White, Joseph, New York, assignor of one-third to J. O'Mara, Jackson Heights, Long Island, N. Y. Pipe protector. 1,987,810; Jan. 15.
- White, Joseph C., Wakefield, Mass., assignor to White Automatic Gun Corporation, Portland, Maine. Breech closure and firing mechanism. 1,996,393; Apr. 2.
- White, Joseph W., Widnes, England. Device for the handling of bulk material. 2,021,039; Nov. 12.
- White, Kenneth M., Mooresville, Ind., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator control system. 2,005,878; June 25.
- White, L. E. (See Lyon, William B., assignor.)
- White, Lena A., executrix. (See White, Frederick.)
- White, Leonard G. (See Stoker, Albert E., assignor.)
- White, Leonard H., Birmingham, Ala., assignor to Line Material Company, South Milwaukee, Wis. Secondary rack and making same. 2,016,470; Oct. 8.
- White, Lester M., Vancouver, British Columbia, Canada. Paper roll holder. 2,025,428; Dec. 24.
- White, Lewis E., assignor to H. L. Worthington, San Francisco, Calif. Electric steaming apparatus. 2,000,628; May 7.
- White, Louis, Wilmington, Ill. Excavating machinery. 2,024,557; Dec. 17.
- White, Louis A. (See Murray, J. J., and White.)
- White, Loyd J., and R. L. Hill, San Antonio, Tex., assignors to Souther Prison Company. Actuating mechanism for cell doors and locks. 2,012,556; Aug. 27.
- White, Marie L., executrix. (See White, Bruce C.)
- White, Marjorie B., Rhinebeck, N. Y. Interchangeable button. 2,023,457; Dec. 10.
- White, Mary M., executrix. (See White, W. A., and Kunze.)
- White Motor Company, The. (See Church, Harold D., assignor.)
- White Motor Company, The. (See Cooper, R. M., and Spiller, assignors.)
- White Motor Company, The. (See Smith, George W., Jr., assignor.)
- White Motor Company, The. (See Spiller, William R., assignor.)
- White Motor Company, The. (See Vandervoort, Francis M., assignor.)
- White Motor Company, The. (See Wise, Karl M., assignor.)
- White, Paul W. (See Troendly, H. P., and White.)
- White, Paul W., assignor to Parva Products Company, Chicago, Ill. Buckle. 1,994,156; Mar. 12.
- White, Paul W., assignor to Parva Products Company, Chicago, Ill. Buckle. 1,999,167; Apr. 23.
- White, Paul W., assignor to Parva Products Company, Chicago, Ill. 2,020,531; Nov. 12.
- White, Raymond E., Seattle, Wash. Diesel engine. 2,000,267; May 7.
- White, Reginald H., Toronto, Ontario, Canada. Safety blade sharpener. 2,005,210; June 18.
- White, Richard M., East Cleveland, assignor to Macoustic Engineering Company, Cleveland, Ohio. Method of and apparatus for sound modification. 2,000,806; May 7.
- White, Robert C., Philadelphia, Pa. Insecticide. 1,990,422; Feb. 5.
- White Rotary Valve Corporation. (See White, John B., assignor.)
- White, S. S., Dental Manufacturing Company, The. (See Angell, Robert C., assignor.)
- White, S. S., Dental Manufacturing Company, The. (See Angell, R. C., and Wadsworth, assignors.)
- White, S. S., Dental Manufacturing Company, The. (See Henderson, Charles, assignor.)
- White, Samuel O., and O. E. Fishburn, Muncie, assignors, by mesne assignments, to Free Wheeling Patents Corporation, South Bend, Ind. Automobile transmission. 1,990,850; Feb. 12.
- White, Sanford E., Santa Monica, Calif. Amusement and skill game. 2,016,661; Oct. 8.
- White, Thomas U., Oak Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Dispatcher's electric display board for systems of power distribution. 2,010,338; Aug. 6.
- White, Thomas U., Oak Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Dispatcher's electric display board for systems of power distribution. 2,024,712; Dec. 17.
- White, Thomas U., Chicago, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Dispatcher's control board system. 2,010,339; Aug. 6.
- White, Tom C., Billings, Mont. Vehicle jack. 2,000,503; May 7.
- White, Wilfrid O., Newton, Mass. Mariner's spherical compass. 1,987,383; Jan. 8.
- White, William A., assignor to Novelty Sales Corporation, Chicago, Ill. Cravat holder. 1,990,720; Feb. 12.
- White, William A., deceased, M. M. White, executrix, and E. A. Kunze, New York, N. Y., assignor, by mesne assignments, to said Kunze. Building construction. 2,007,148; July 2.
- White, William C., Schenectady, N. Y., assignor to General Electric Company. Electric discharge apparatus. 1,997,478; Apr. 9.
- White, William E., Bethlechem, Pa., assignor to Kalman Steel Corporation. Reinforcing bar. 2,016,128; Oct. 1.
- White, William M., Milwaukee, and F. Schmidt, and E. Gross, Wauwatosa, Wis., said Schmidt and said Gross assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Butterfly valve. 2,022,395; Nov. 26.
- White, William S., Denver, Colo. Flushing system and method and means involved in its operation. 2,023,798; Dec. 10.
- White & Wyckoff Mfg. Company. (See Eden, James A., assignor.)
- White Castle System of Eating Houses Corporation, The. (See Shaffer, G. A., and Wirtz, assignors.)
- Whitcross Company Limited, The. (See Lloyd, Henry D. L., assignor.)
- Whitehall Patents Corporation. (See Morin, L. H., and Marinsky, assignors.)
- Whitehead Bros. Rubber Co., The. (See Williamson, Frederick B., Jr., assignor.)
- Whitehead, Dean H. (See Duncan, J. K., Whitehead, and Cheney.)
- Whitehead, Earl B., assignor to Atlantic Carton Corporation, Norwich, Conn. Folding carton. 2,004,908; June 11.
- Whitehead, Frederick W., assignor to The Bristol Aeroplane Company Limited, Bristol, England. Milling machine. 2,006,123; June 25.
- Whitehead, George E., Rhylwina, near Cardiff, Wales. Electric switch. 1,992,109; Feb. 19.
- Whitehead, George S., St. John, New Brunswick, Canada. Jack. 1,986,129; Jan. 1.
- Whitehead, Harold. (See Tilley, J. N., and Whitehead.)
- Whitehead & Hoag Company, The. (See Day, James C., assignor.)

- Whitehead & Hoag Company, The. (See Hoag, Philip O., assignor.)
- Whitehead & Kales Company. (See Judd, Irving H., assignor.)
- Whitehead Metal Products Company of New York, Inc. (See Feyling, Per L. F., assignor.)
- Whitehead, Richard H., assignor to The New Haven Clock Company, New Haven, Conn. Clock and method of making same. 2,022,263; Nov. 26.
- Whitehead, William. (See Dreyfus, C., and Whitehead.)
- Whitehead, William. (See Dreyfus, C., Whitehead, and Martin.)
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Textile spindle. 1,992,592; Feb. 26.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Sizing and dyeing of textiles. 2,003,409; June 4.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Method of and apparatus for spinning. 2,017,113; Oct. 15.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Apparatus for applying liquid to textile materials. 2,025,079; Dec. 24.
- Whitehead, William A. (See Quick, C. G., and Whitehead.)
- Whitehead, William A. (See Quick, C. G., Ball, and Whitehead.)
- Whitehorn, Arthur R., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,014,347; Sept. 10.
- Whitehorn, Arthur R., assignor to General Railway Signal Company, Rochester, N. Y. Automatic block signal system for railroads. 2,026,486; Dec. 31.
- Whiteley, Frank A., Minneapolis, Minn. Thermostat control for air-conditioners for rooms. 2,011,787; Aug. 20.
- Whiteley, Frank A., Minneapolis, Minn. Device for conditioning air. 2,021,583; Nov. 19.
- Whiteley, Frank A., Minneapolis, Minn. Hot air furnace for heating homes. 2,022,835; Dec. 3.
- Whiteley, James, Detroit, Mich. Heat exchanger section. 2,003,705; June 4.
- Whiteley, James M., Jr. (See Huffman, J. R., and Whiteley.)
- Whiteley, James M., Roselle, N. J., assignor to Standard Oil Development Company. Separation of hydrocarbon mixtures into constituent parts. 2,025,965; Dec. 31.
- Whiteley, Joseph O., York, Pa., assignor to The Dentists' Supply Company of New York. Pin for artificial teeth and producing same. 2,022,700; Dec. 3.
- Whiteley, Wilfred, Elland, England. Operating ring flyers in machines for spinning and doubling cotton and other fibrous substances. 1,993,906; Mar. 12.
- Whitelock, Leland D. (See Sorensen, A. J., and Whitelock.)
- Whitelock, Leland D., Wilkesburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric train signaling system. 2,019,166; Oct. 29.
- Whiteman, Charles E. (See Hopkins, R. M., Kleinknecht, and Whiteman.)
- Whiteman, William, Brooklyn, N. Y. Ejector for collapsible tubes. 1,987,428; Jan. 8.
- Whitescarver, Wilmer. (See Iliff, J. W., Robinson, and Whitescarver.)
- Whitesel, Harry A., Fort Wayne, Ind., assignor to General Electric Company. Flow retarder for compressors. 2,017,707; Oct. 15.
- Whiteside, H. S., & Company Limited. (See Allardice, David J., assignor.)
- Whiteside, Howard A., New York, N. Y. Controller for dental engines and the like. 2,008,053; July 16.
- Whiteside, Howard A., New York, N. Y. Resistance adapter. 2,015,209; Sept. 24.
- Whiteside, Thomas S., Pawtucket, R. I. Wall support for riling, blocks, or monoliths. 2,007,842; July 9.
- White Star Mills, Inc. (See Shalette, Morris, assignor.)
- Whitfield, Harry L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Armature coil positioning device. 2,008,268; July 16.
- Whitfield, Joseph E., Butler, Pa. Rotary compressor unit. 2,018,391; Oct. 22.
- Whitin Machine Works. (See Aldrich, William O., assignor.)
- Whitin Machine Works. (See Aldrich, W. O., and Hendrickson, assignors.)
- Whitin Machine Works. (See Brouwer, Albert, assignor.)
- Whitin Machine Works. (See Chase, R. F., and West, assignors.)
- Whitin Machine Works. (See Hendrickson, Fred K., assignor.)
- Whitin Machine Works. (See Johnson, Wilfred F., assignor.)
- Whitin Machine Works. (See Moss, Joseph, assignor.)
- Whitin Machine Works. (See Stuart, Henry B., assignor.)
- Whitin Machine Works. (See Truslow, James L., assignor.)
- Whiting, Donald F., Port Washington, assignor, by mesne assignments, to Movietone, Inc., New York, N. Y. Maintaining constant plate current in an amplifier. 1,998,476; Apr. 23.
- Whiting, F. A., Carriage Company. (See Shaw, Harold F., assignor.)
- Whiting Mfg. Co. (See Chapman, J. C., and Müller, assignors.)
- Whiting, Max A. (See Teare, B. R., Jr., and Whiting.)
- Whiting, Max A., and R. S. Thurston, Schenectady, N. Y., assignors to General Electric Company. Dynamo-electric machine regulation. 1,990,766; Feb. 12.
- Whiting Paper Company. (See Whiting, William, assignor.)
- Whiting, William, assignor to Whiting Paper Company, Holyoke, Mass. Apparatus for drying paper in a continuous web. 2,024,079; Dec. 10.
- Whiting, William, assignor to Whiting Paper Company, Holyoke, Mass. Spreading device. 2,024,618; Dec. 17.
- Whiting, William S., Jr., assignor to The Champion Fibre Company, Canton, N. C. Cone feeding mechanism. 2,017,521; Oct. 15.
- Whitley, Walter R., Methuen, Mass. Manifolding sheet. 2,001,642; May 14.
- Whitlock, George E., assignor to The City Auto Stamping Company, Toledo, Ohio. Radiator guard. 2,006,755; July 2.
- Whitlock, Ralph G., Los Angeles, and L. Sharp, Huntington Park, Calif., assignors to Federal Foundation, Inc., Las Vegas, Nev. Conduit cap. 2,004,966; June 18.
- Whitlock, Ralph G., Los Angeles, and L. Sharp, Huntington Park, Calif., assignors to Federal Foundation, Inc., Las Vegas, Nev. Conduit cap. 2,005,211; June 18.
- Whitman, Lawrence W., administrator. (See Linn, Robert.)
- Whitman, Ray B., Essex Falls, N. J. Changing phonograph records. 1,991,005; Feb. 12.
- Whitman Sound Systems, Ltd. (See Whitman, Stewart C., assignor.)
- Whitman, Stewart C., Sunnyside, Long Island, N. Y. Optical system for recording sound on film or reproducing the same. 1,989,836; Feb. 5.
- Whitman, Stewart C., Sunnyside, Long Island, N. Y. Piezo-electric crystal reflecting mirror sound recording system. 2,012,797; Aug. 27.
- Whitman, Stewart C., Jackson Heights, N. Y. Light source for recording sound on film. 1,996,731; Apr. 2.
- Whitman, Stewart C., Jackson Heights, N. Y. Apparatus for recording sound on film. 1,999,951; Apr. 30.
- Whitman, Stewart C., Jackson Heights, N. Y. High frequency gaseous conduction lamp. 2,003,410; June 4.
- Whitman, Stewart C., New York, N. Y. Recording lamp. 2,011,743; Aug. 20.
- Whitman, Stewart C., New York, N. Y., assignor to Whitman Sound Systems, Ltd., Dover, Del. Sound recording camera. 1,996,732; Apr. 2.
- Whitman, Stewart C., New York, N. Y., assignor to Whitman Sound Systems, Ltd., Dover, Del. Light source for recording sound on film and producing same. 2,024,080; Dec. 10.
- Whitman, Walter G., assignor to Standard Oil Company, Whiting, Ind. Preventing corrosion of apparatus for distilling hydrocarbon oils. 1,986,236; Jan. 1.
- Whitman, Walter G., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Storage of volatile hydrocarbons, particularly butanes. 2,001,996; May 21.
- Whitman, Walter G., assignor to Standard Oil Company, Whiting, Ind. Conversion of hydrocarbon oils. 2,018,986; Oct. 29.
- Whitmer, Lawrence W., Administrator. (See Linn, Robert.)
- Whitmore, Charles E., assignor to The Vancouver Evening Columbian, Vancouver, Wash. Metal feeder for melting pots. 2,014,059; Sept. 10.
- Whitmore, Frank C., State College, Pa., and A. H. Homeyer, St. Louis, Mo., and W. R. Trent, State College, Pa., assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Tertiary butyl acetic acid. 2,004,066; June 4.
- Whitmore, Frank C., and W. R. Trent, State College, Pa., assignors to Mallinckrodt Chemical Works, St. Louis, Mo. 3,3-dimethyl-1-bromo-butane. 2,022,485; Nov. 26.
- Whitmore, Horace B., San Francisco, Calif. Filter. 2,022,069; Nov. 26.
- Whitmore, Lester M., Salem, Va., assignor to Leas and McVitty, Inc., Philadelphia, Pa. Filling leather and the resulting product. 2,018,588; Oct. 22.
- Whitmore, Sam A. (See Strasser, F. J., and Whitmore.)
- Whitmore, Willet F. (See Hartman, E. F., and Whitmore.)
- Whitmore, William B., Chicago, Ill., assignor to Ditto Incorporated. Stencil and inking device therefor. 2,012,526; Aug. 27.
- Whitmore, William B., assignor to Ditto, Incorporated, Chicago, Ill. Tanning hectograph copying pads. 2,024,408; Dec. 17.
- Whitnab, Raymond T., St. Louis, Mo. Wall finishing material. 2,023,062; Dec. 3.
- Whitney, Charles L. (See Trent, H. E., and Whitney.)
- Whitney, Charles L., Upper Darby, Pa., assignor to Flexo Heat Company, Inc. Portable electric heater. 1,992,593; Feb. 26.
- Whitney, Charles W., Cambridge, and A. Nelson, Boston, assignors, by mesne assignments, to E. T. Brennan, Cambridge, Mass. Oil burning apparatus. 1,987,040; Jan. 8.
- Whitney, Ernest C., Danvers, assignor to Stockton Profile Gage Corporation, Lowell, Mass. Educational device. 2,022,627; Nov. 26.
- Whitney, Ernest C., Danvers, assignor to Stockton Profile Gage Corporation, Lowell, Mass. Profile gauge. 2,022,628; Nov. 26.

- Whitney, George B., Lynn, Mass., assignor to General Electric Company. Fan-cooled dynamo-electric machine. 2,016,917; Oct. 8.
- Whitney, Leslie D., Palo Alto, Calif. Powder dispenser. 2,001,441; May 14.
- Whitney Mfg. Co., The. (See Belcher, Warren J., assignor.)
- Whitney Mfg. Co., The. (See Dow, Richard F., assignor.)
- Whitney Mfg. Co., The. (See Schaefer, William E., assignor.)
- Whitney, Maurice P., Elmira, assignor to Eclipse Machine Company, Elmira Heights, N. Y. Starter drive. 2,004,643; June 11.
- Whitney, Maurice P., Elmira, assignor to Eclipse Machine Company, Elmira Heights, N. Y. Semiautomatic starting mechanism. 2,009,036; July 23.
- Whitney, Maurice P., Elmira, assignor to Eclipse Machine Company, Elmira Heights, N. Y. Starter gearing. 2,015,131; Sept. 24.
- Whitney, Maurice P., assignor to Eclipse Machine Company, Elmira, N. Y. Time delay device for automatic switches. 2,021,822; Nov. 19.
- Whitney, Maurice P., Elmira, assignor to Eclipse Machine Company, Elmira Heights, N. Y. Automatic starter control. 2,024,619; Dec. 17.
- Whitney, Maurice P., Elmira, assignor to Eclipse Machine Company, Elmira Heights, N. Y. Semiautomatic starting control. 2,026,450; Dec. 31.
- Whitney, Willis B., and E. B. Wedmore, assignors to The British Electrical and Allied Industries Research Association, London, England. Electric circuit-breaker. 1,987,885; Jan. 15.
- Whitney, Willis R., Niskayuna, N. Y., assignor to General Electric Company. Moisture indicator. 2,021,760; Nov. 19.
- Whiton, Arthur L., Evanston, assignor to Chicago Mill and Lumber Company, Chicago, Ill. Barrel head. 2,014,542; Sept. 17.
- Whiton, Arthur L., Evanston, Ill., assignor to Chicago Mill and Lumber Company, Chicago, Ill. Crate. 2,020,978; Nov. 12.
- Whitsitt, William B., Baltimore, Md., and H. C. Walter, Beloit, Wis.; said Walter assignor to Fairbanks, Morse & Co., Chicago, Ill. Reversing brush means for electric generators. 1,990,767; Feb. 12.
- Whitson, John W., San Francisco, Calif. Card selecting apparatus. 2,002,807; May 28.
- Whitson, John W., San Francisco, Calif. Card filing and segregating apparatus. 2,002,808; May 28.
- Whitson, Thomas B., et al. (See Keifaber, E. W., Doerr, Whitson, and Creggville.)
- Whittaker, John D., Babylon, and M. B. Beck, New York, N. Y., assignors to Welsbach Street Lighting Company of America, Philadelphia, Pa. Illuminating arrangement. 1,993,426; Mar. 5.
- Whittall, M. J., Associates, Ltd. (See Hall, Walter, assignor.)
- Whitted, John B., Chicago, Ill., assignor, by mesne assignments, to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber. 2,011,837; Aug. 20.
- Whitted, John B., Chicago, Ill., assignor, by mesne assignments, to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber. 2,013,904; Sept. 10.
- Whitted, John B., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Flexible shaft. 2,012,842; Aug. 27.
- Whitted, John B., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Latch actuating mechanism. 2,014,363; Sept. 10.
- Whitted, John B., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Refrigerator shelf. 2,015,389; Sept. 24.
- Whittemore, Francesco B., Jackson Heights, and W. J. Perkins, Brooklyn, assignors to International Motor Company, New York, N. Y. Heat interchange device. 2,008,269; July 16.
- Whittier, Charles C., Chicago, Ill. Making chemical asbestos. 2,018,478; Oct. 22.
- Whittier, Charles C., assignor to Leonora A. Whittier, Chicago, Ill. Building material. 2,012,798; Aug. 27.
- Whittier, Glenn H., Los Angeles, Calif. Car door. 1,989,391; Jan. 29.
- Whittier, Horace R., Pequabuck, Conn. Culinary utensil closure. 2,012,151; Aug. 20.
- Whittier, Leonora A. (See Whittier, Charles C., assignor.)
- Whittington, William P., Indianapolis, Ind., assignor to American Steam Pump Company. Vacuum heating pump. 1,988,027; Jan. 15.
- Whittle, Benjamin B., and L. J. Towne, Oklahoma City, Okla., L. F. Whittle, executrix of will of said B. B. Whittle, deceased. Valve. 2,023,349; Dec. 3.
- Whittle, Lessie F., executrix. (See Whittle, B. B., and Towne, assignors.)
- Whittle, Reginald W., Urmston, and E. Twemlow, Sandbach, England. Change speed gearing. 2,005,514; June 18.
- Whitty, R. V. (See White, Henry W., assignor.)
- Whitworth, Edward, Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Propellant explosive. 2,003,914; June 4.
- Whitworth, Sir. W. G. Armstrong and Company (Engineers) Limited. (See Beckett, C. M., and Watkins, assignors.)
- Whitworth, Stanley, assignor to Bendix Aviation Corporation, South Bend, Ind. Propeller blade and making the same. 1,992,338; Feb. 26.
- Whitzel, Raymond T., Massena, N. Y., assignor to Aluminum Company of America, Pittsburgh, Pa. Fabrication of aluminum and its alloys. 1,986,130; Jan. 1.
- Whittemour, George E., Sloatsburg, N. Y. Building construction. 2,004,739; June 11.
- Whyte, Frederic M., Tarrytown, N. Y. Shears. 2,010,576; Aug. 6.
- Whyte, Samuel, Redhill, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Flexible sound record. 1,997,398; Apr. 9.
- Whyte, Samuel, Redhill, and W. E. Lord, assignors to Electric and Musical Industries, Ltd., Hayes, England. Transparent thermoplastic material. 2,006,378; July 2.
- Wibaut, Johan P., Amsterdam, and J. van Dalisen, Rotterdam, Netherlands, assignors to The Dow Chemical Company, Midland, Mich. Production of ethylidene chloride. 1,990,968; Feb. 12.
- Wiberg, Oscar A., Finspong, Sweden. Labyrinth packing. 1,986,087; Jan. 1.
- Wiberg, Peter E., Newark, N. J. Double snap-hook for fishing tackle. 1,998,035; Apr. 16.
- Wicha, Alois, Dresden, Germany, assignor to Erospha, Inc., Brooklyn, N. Y. Gas and vapor compressor. 1,986,454; Jan. 1.
- Wicha, Alois, Dresden, Germany, assignor to Erospha, Inc., Brooklyn, N. Y. Fluid actuator. 1,986,455; Jan. 1.
- Wicha, Alois, Dresden, Germany, assignor to Erospha, Inc., Brooklyn, N. Y. Pump. 1,987,315; Jan. 8.
- Wicha, Alois, Dresden, Germany, assignor to Erospha, Inc., Brooklyn, N. Y. Fluid actuator. 2,000,629; May 7.
- Wichert Continuous Bridge Corporation, The. (See Wichert, Ernest M., assignor.)
- Wichert, Ernest M., Wilkinsburg, assignor to The Wichert Continuous Bridge Corporation, Pittsburgh, Pa. Making marine structures. 2,009,461; July 30.
- Wichmann, John C., New York, N. Y. Processing spool. 2,011,331; Aug. 13.
- Wichtner, Joseph H. (See Fisher, P. K. and Wichtner.)
- Wiek, Emil A., Brooklyn, N. Y., assignor of one-half to M. Bjorndal, Jersey City, N. J. Submarine glasses. 2,008,530; July 16.
- Wickberg, Godfrey, Seattle, Wash. Gauge paring knife. 2,010,208; Aug. 6.
- Wickenden, Leonard, Manhasset, and J. J. Naugle, New York, N. Y. Preparing activated vegetable carbons. 2,002,651; May 28.
- Wickenden, Thomas H. (See Merica, P. D., Vanick, and Wickenden.)
- Wicker, George P., Los Angeles, Calif. Screen. 1,991,532; Feb. 19.
- Wickerham, William R., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. System of control. 2,024,713; Dec. 17.
- Wickersham, Elmer E. (See Hopkins, G. W., Jr., and Wickersham.)
- Wickersham, Elmer E., Stockton, assignor, by mesne assignments, to Caterpillar Tractor Co., San Leandro, Calif. Threshing. 2,005,212; June 18.
- Wickersham, Harry P. (See Burns, E., and Wickersham.)
- Wickersham, Harry P., Huntington Park, assignor to Baash-Ross Tool Company, Los Angeles, Calif. Casing head. 2,010,284; Aug. 6.
- Wickersham, Harry P., Huntington Park, assignor to Baash-Ross Tool Company, Los Angeles, Calif. Packing casing bowl. 2,017,451; Oct. 15.
- Wickersham, Harry P., Huntington Park, and E. Burns, Los Angeles, Calif. Slip. 2,012,329; Aug. 27.
- Wickersham, Harry P., Huntington Park, and E. Burns, Los Angeles, Calif. Crown block. 2,020,596; Nov. 12.
- Wickert, Jacob N., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Hydroxy-alkylamines. 1,988,225; Jan. 15.
- Wickert, Jacob N., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Liquid coating composition. 2,009,951; July 30.
- Wickland, Leonard L., Minneapolis, Minn. Visor. 1,995,761; Mar. 26.
- Wickman, A. C., Limited. (See Dixon, Reginald J., assignor.)
- Wickman, Eric, Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Assembling machine. 2,021,584; Nov. 19.
- Wicks, Elverson H. (See Henderson, Albert A., assignor.)
- Wickstrum, Cecil M., Omaha, Nebr. Tent construction. 2,000,205; May 7.
- Wickwire Brothers. (See Wickwire, Charles C., assignor.)
- Wickwire, Charles C., assignor to Wickwire Brothers, Cortland, N. Y. Combined staple and strap. 2,003,062; May 28.
- Wickwire Spencer Steel Company. (See Smith, Herbert, assignor.)
- Wickwire, Theodore H., Jr. (See Southwell, R. J., and Wickwire.)
- Wico Electric Company. (See Bradford, William, assignor.)
- Widder, Samuel, New York, N. Y. Binder for textile samples. 1,999,553; Apr. 30.
- Widell, Magnus E., Cincinnati, Ohio, assignor to American Can Company, New York, N. Y. Can tester. 2,019,517; Nov. 5.

- Widell, Magnus E., Cincinnati, Ohio, assignor to American Can Company, New York, N. Y. Strip stock feeding and gauging. 2,019,518; Nov. 5.
- Wideman, Mervin, New York, N. Y. Hair curler. 1,997,162; Apr. 9.
- Widen, Henry R., assignor of one-half to C. E. Botenstein, Chicago, Ill. Sound actuated device. 2,003,765; June 4.
- Widerøe, Rolf, Vinderen-Oslo, Norway, assignor to General Electric Company. Protective arrangement for alternating-current power systems. 2,008,532; July 16.
- Widmaier, Hans, Munich-Harlaching, Germany. Listing calculating machine. 2,012,330; Aug. 27.
- Widman, Charles H., Detroit, Mich., assignor to The Murray Corporation of America. Door construction. 1,996,601; Apr. 2.
- Widman, Erwin R., Little Neck, N. Y. Curtain supporting arrangement. 2,004,262; June 11.
- Widmann, Adolf A., assignor to H. I. A. Dorner, Detroit, Mich. Internal combustion engine. 1,986,237; Jan. 1.
- Widmann, Adolph, assignor to H. I. A. Dorner, Detroit, Mich. Glow plug for internal combustion engines. 2,019,836; Nov. 5.
- Widmer, Gustave. (See Gams, A. Widmer, and Frey.)
- Widmer, Jules A. (See Hubbard, K. H., and Widmer.)
- Widmer, Stefan, Baden, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Protective system. 1,999,745; Apr. 30.
- Widmer, Stephan. (See Gaudenzi, A., Widmer, and Jonas.)
- Widmer, Willi. (See Straub, F., and Widmer.)
- Widuch, Wilhelm, Wielkie Hajduki, Poland, assignor to K. Brehme, Hollister, Calif. Apparatus for rolling seamless tubes. 1,993,427; Mar. 5.
- Wiekling, Robert P., Chicago, Ill. Reel. 2,007,699; July 9.
- Wiebusch, Walter S. (See Bailey, T. L. and Wiebusch.)
- Wiechmann, Fred J. C., Maywood, Ill. Apparatus for carbonating beer or other beverages. 2,017,879; Oct. 22.
- Wiedbrauck, Erich. (See Fulda, W., Wiedbrauck, and Wittig.)
- Wiedbrauck, Erich, and K. Büche, assignors, by mesne assignments to the firm Th. Goldschmidt A.-G., Essen-Ruhr, Germany. Decomposition of siliceous aluminous minerals. 2,006,851; July 2.
- Wiedeman, Oscar, Fall River, Mass., assignor to P. Rosenberg, Brooklyn, N. Y. Manufacture of straw bats. 2,010,285; Aug. 6.
- Wiedemann, Erwin. (See Stoll, A., and Wiedemann.)
- Wiedenhoft, Arthur E., and H. A. Best, Chicago, Ill. Lighting fixture. 2,012,675; Aug. 27.
- Wiedenhoft, Arthur E., and H. A. Best, Chicago, Ill. Electric lighting fixture. 1,988,028; Jan. 15.
- Wiedenhoft, Arthur E., Chicago, Ill. Lighting fixture. 2,022,264; Nov. 26.
- Wieder, Ferdinand W., Berkeley, Calif., assignor to San Francisco Sulphur Company. Prepared sulphur and process. 2,022,796; Dec. 3.
- Wiederhold, Oscar, Skillman, N. J. Oscillating sprinkler. 2,022,396; Nov. 26.
- Wiedermann, Edward, Jersey City, N. J. Utility holder pocket holster. 2,020,979; Nov. 12.
- Wiedhoff, Alfred H., Chicago, Ill. Regulator. 2,005,445; June 18.
- Wiedmaier, Arthur A., Detroit, Mich. Transmission operating and controlling apparatus. 2,001,337; May 14.
- Wiedmann, Ernst, assignor to The Oilgear Company, Milwaukee, Wis. Differential resistance valve. 1,994,974; Mar. 19.
- Wiegand, Albert P., Pittsburgh, Pa. Airplane propeller. 1,987,650; Jan. 15.
- Wiegand, Albert P., Pittsburgh, Pa. Aircraft propeller. 1,987,651; Jan. 15.
- Wiegand, Cris W., Chicago, Ill. Direction finder. 1,986,170; Jan. 1.
- Wiegand, Edwin L., Pittsburgh, Pa. Electric resistance heating element. 1,985,965; Jan. 1.
- Wiegand, Edwin L., Pittsburgh, Pa. Electrical heating unit. 1,994,676; Mar. 19.
- Wiegand, Edwin L., Pittsburgh, Pa. Electric resistance heating element. 1,997,844; Apr. 16.
- Wiegand, Edwin L., Pittsburgh, Pa. Electric resistance heating element. 2,001,995; May 21.
- Wiegand, Edwin L., assignor to Edwin L. Wiegand Company, Pittsburgh, Pa. Liquid heating apparatus. 1,990,626; Feb. 12.
- Wiegand, Edwin L., Company. (See Wiegand, Edwin L., assignor.)
- Wiegand, Erich, Hohen Neuendorf, assignor to Allgemeine Elektrizitäts-Gesellschaft, Berlin, Germany. Indirectly heated cathode. 2,015,172; Sept. 24.
- Wiegand, Frederick B., Cleveland, Ohio, assignor, by mesne assignments, to General Railway Signal Company, Rochester, N. Y. Railway crossing signal. 2,021,845; Nov. 19.
- Wiegand, Kurt. (See Baumhamer, H., and Wiegand.)
- Wiegand, Kurt, Berlin-neu-Templehof, Germany, assignor to General Electric Company. Gaseous electric discharge device. 2,009,214; July 23.
- Wiegand, William B., Sound Beach, Conn. Manufacture of carbon black. 2,013,774; Sept. 10.
- Wiegand, William B., Sound Beach, Conn. Carbon black. 2,013,775; Sept. 10.
- Wiehle, Edward W., Chicago, Ill., assignor to Birtman Electric Company. Suction cleaner. 1,995,084; Mar. 19.
- Wieland, Edouard, Biel, Switzerland. Shock absorber for spring suspended road vehicles. 2,023,943; Dec. 10.
- Wieland, Werner. (See Sutter, T., and Wieland.)
- Wiemann, George F., Manhasset, N. Y. Receptacle. 1,988,064; Jan. 15.
- Wiener, Christ, Cuyahoga Falls, Ohio. Cloth or mop holder. 2,014,755; Sept. 17.
- Wien, George H., Rochester, assignor to General Railway Signal Company, Rochester, N. Y. Railway traffic controlling system. 2,021,846; Nov. 19.
- Wiener, Martin L., and W. F. Nelsen, Oakland, assignors to Ry-Lock Company Ltd., San Leandro, Calif. Venetian blind locking mechanism. 2,010,286; Aug. 6.
- Wiener, Norbert, Belmont, and Yuk-Wing Lee, Boston, Mass. Electrical network system. 2,024,900; Dec. 17.
- Wieners, Franz, Opladen, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Preparing vat dyestuffs of the anthraquinone triazine series. 1,994,602; Mar. 19.
- Wier, Albert E., Brooklyn, N. Y. Projecting apparatus. 1,998,889; Apr. 23.
- Wierk, Nick, Oakland, Calif. Draft eliminator. 2,016,160; Oct. 1.
- Wiese, Lee O., Perry, Iowa. Sharpening and repointing plow shares. 2,013,818; Sept. 10.
- Wiesenfeld, Louis, New York, and N. Kase, Brooklyn, assignors to Glida Corp. of America, New York, N. Y. Fastening device. 2,013,706; Sept. 10.
- Wiesevich, Peter J., and A. H. Gleason, Elizabeth, N. J., assignors to Standard Oil Development Company. Production of polymers of ketene. 1,998,404; Apr. 16.
- Wiesler, Karl. (See Róka, K., and Wiesler.)
- Wiesler, Karl, Konstanz, Badenia, assignor to Deutsche Gold-und Silber-Scheidenanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Generation and maintenance of constant gas pressure in closed systems. 2,002,621; May 28.
- Wiesman, Jerome, Denver, Colo. Filter for dry cleaning solutions. 2,013,776; Sept. 10.
- Wiesman, William A., Dayton, Ohio. Adjustable load supporting structure. 2,017,300; Oct. 15.
- Wiesner, Henry, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Closure for bottles, jars, and the like. 2,016,307; Oct. 8.
- Wiessler, Kurt, Schwusen, Kreis Glogau, Germany. Harvester reel. 2,009,912; July 30.
- Wiest, Horace G., West Lynn, Mass., assignor to General Electric Company. Constant current transformer. 2,008,531; July 16.
- Wiethoff, Frank F. (See Tormyn, H., and Wiethoff.)
- Wietzel, Rudolf, and B. Engel, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of valuable products by conversion of carbonaceous materials. 1,994,058; Mar. 12.
- Wiezewich, Peter J. (See Frolich, P. K., and Wiezewich.)
- Wiezewich, Peter J., Elizabeth, N. J., assignor to Standard Oil Development Company. Sectional fractionating column. 2,007,117; July 2.
- Wig, Rudolph J., assignor to Kelco Company, Los Angeles, Calif. Readily water soluble dry alginate. 2,000,807; May 7.
- Wigg, Elmer E., executor, et al. (See Callahan, Michael J.)
- Wiggam, David R., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Printing lacquer. 1,996,846; Apr. 9.
- Wiggam, David R., Centerville, Del., assignor to Hercules Powder Company, Wilmington, Del. Nitrated polyhydric alcohol emulsion and process of producing. 1,999,828; Apr. 30.
- Wiggam, David R., and J. S. Tinsley, Kenvil, N. J., assignors to Hercules Powder Company, Wilmington, Del. Producing mixed esters of cellulose. 1,988,532; Jan. 22.
- Wigge, Heinrich. (See Junkers, H., and Wigge.)
- Wiggin, Daniel W., assignor to The Abbott Company, Yarmouth, Maine. Moccasin. 2,014,094; Sept. 10.
- Wiggins, John H., Tulsa, Okla. Floating roof for liquid storage tanks. 1,990,627; Feb. 12.
- Wigington, Newton J., Winchester, Va. Grading machine. 2,021,094; Nov. 12.
- Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Railway traffic controlling system. 2,013,819; Sept. 10.
- Wightman, Gordon E., Upper Montclair, N. J. Fibrous composition. 1,996,314; Apr. 2.
- Wigness, Cornelius R., Harlan, assignor of one-fourth to W. J. McDonald, Portsmouth, Iowa. Internal combustion engine. 2,006,225; June 25.
- Wikander, Oscar R., assignor to Edgewater Steel Company, Pittsburgh, Pa. Ring spring suspension for automobiles. 1,998,477; Apr. 23.
- Wike, Reginald E., Detroit, Mich. Starter construction. 2,002,561; May 28.
- Wiken, Ralph. (See Schmitter, W. P., and Wiken.)
- Wikert, Harry E., assignor of one-half to R. Elsenbast, and one-fourth to G. F. Shaver, Grættinger, Iowa. Convertible vehicle box and rack. 2,015,054; Sept. 17.
- Wikle, George F., Detroit, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Festooning device. 2,010,122; Aug. 6.
- Wikler, Herman E., assignor to Schwitzer-Cummins Company, Indianapolis, Ind. Timing control for hydraulic power transmission. 2,008,535; July 16.

- Wikstrom, Frank G., Brooklyn, assignor to Arkell & Smith, Canajoharie, N. Y. Machine for and method of manufacturing bag tubes. 2,001,442; May 14.
- Wilbanks, Allen M., deceased, Amarillo, Tex., O. Wilbanks, executrix. Water softener. 2,006,287; June 25.
- Wilbanks, Ophelia, executrix. (See Wilbanks, Allen M.)
- Wilber, Edward V., Saugerties-on-Hudson, N. Y. Bed attachment for automobiles. 1,993,815; Mar. 12.
- Wil-Bro Corporation. (See Williams, Benjamin F., assignor.)
- Wilbur, Ralph H. (See Lane, John D., assignor.)
- Wilcolator Company, The. (See Jorgensen, Peter J. and C. H., assignors.)
- Wilcox, Albert C., assignor to The Enterprise Aluminum Company, Massillon, Ohio. Automatic electric drip coffee maker. 1,990,508; Feb. 12.
- Wilcox, Albert C., assignor to The Enterprise Aluminum Company, Massillon, Ohio. Automatic thermostatic switch plug. 2,005,763; June 25.
- Wilcox, Albert C., assignor to The Enterprise Aluminum Company, Massillon, Ohio. Automatic electric drip coffee urn. 2,005,764; June 25.
- Wilcox, Albert C., Bridgeport, Ohio, assignor to Sullivan Machinery Company. Mining machine. 2,007,904; July 9.
- Wilcox, Albert C., assignor to The Enterprise Aluminum Company, Massillon, Ohio. Automatic electric drip coffee maker. 2,018,695; Oct. 29.
- Wilcox, Hallie M., Geneva, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Forming golf shafts and the like. 2,001,643; May 14.
- Wilcox, Hugh B. (See Hartig, Henry E., assignor.)
- Wilcox, Lyle H., Vancouver, British Columbia, Canada. Vehicle spring construction. 2,007,735; July 9.
- Wilcox-Rich Corporation. (See Flintermann, Carl H. L., assignor.)
- Wilcox-Rich Corporation. (See Hedlund, Oscar, assignor.)
- Wilcox-Rich Corporation. (See McDonald, Charles B., assignor.)
- Wilcox, Richard L., assignor to The Waterbury Farrell Foundry and Machine Company, Waterbury, Conn. Making articles of polygonal cross-section. 2,006,852; July 2.
- Wilcox, Russell L., Bellwood, Ill., assignor, by mesne assignments, to Rudolph Wurlitzer Manufacturing Company, North Tonawanda, N. Y. Automatic phonograph. 2,002,236; May 21.
- Wilcox, Russell L., assignor of one-half to J. P. Seeburg, Chicago, Ill. Selective automatic phonograph. 2,005,923; June 25.
- Wild-Barfield Electric Furnaces Limited. (See Wild, Lancelot W., assignor.)
- Wild, Charles H., assignor to Burt Machine Company, Incorporated, Baltimore, Md. Carton sealing machine. 1,987,500; Jan. 8.
- Wild, Charles H., assignor to Burt Machine Company, Incorporated, Baltimore, Md. Carton filling machine. 1,993,079; Mar. 5.
- Wild, Charles H., assignor to Burt Machine Company, Baltimore, Md. Machine for assembling and filling packages into a carton or the like. 1,995,085; Mar. 19.
- Wild, Charles H., assignor to Burt Machine Company, Incorporated, Baltimore, Md. Opening cases from the flat, and apparatus therefor. 2,009,828; July 30.
- Wild, Charles H., assignor to Burt Machine Company Incorporated, Baltimore, Md. Labeling machine. 2,014,710; Sept. 17.
- Wild, Julius E., H. Hogeman, Springfield, and W. E. Schwarzmann, Longmeadow, assignors to United American Bosch Corporation, Springfield, Mass. Operating internal combustion engines. 2,005,063; June 18.
- Wild, Lancelot W., assignor to Wild-Barfield Electric Furnaces Limited, London, England. Electric oven. 1,986,088; Jan. 1.
- Wilde, Hans. (See Ledig, W., Müller, Asmussen, Duhse, and Wilde.)
- Wilde, Joseph L., Boston, Mass. Apparatus for blocking pieces of meat. 2,019,108; Oct. 29.
- Wilde, Rudolf, Villa Park, Ill. Electric sign. 2,024,409; Dec. 17.
- Wilder, Arthur L., Wethersfield, assignor to Pratt & Whitney Company, Hartford, Conn. Universal dressing attachment for grinding machines. 2,011,099; Aug. 13.
- Wilder, Harold F., Chatham, N. J., and H. H. Haglund, assignors to The Western Union Telegraph Company, New York, N. Y. Carrier dispatch system. 2,006,305; June 25.
- Wilder, John, assignor to Wilder Metal Company, Niles, Ohio. Deflector for gas stoves, or the like. 2,005,121; June 18.
- Wilder Metal Company. (See Wilder, John, assignor.)
- Wilderman, Meyer, Monte Carlo, Monaco, assignor to The American Wilderman Porous Ebonite Company, Inc., Philadelphia, Pa. Filtercandle for artificial silk and process of filtering artificial silk solution. 2,016,161; Oct. 1.
- Wilderman, Meyer, Monte Carlo, Monaco, assignor to The American Wilderman Porous Ebonite Company, Philadelphia, Pa. Filter. 2,016,163; Oct. 1.
- Wildermann, Rudolf, New York, N. Y. Welding refractory metal. 1,990,314; Feb. 5.
- Wildermuth, William, Lancaster, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass apparatus. 1,996,448; Apr. 2.
- Wildermuth, William, Lancaster, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass apparatus. 2,007,782; July 9.
- Wildhaber, Christian, Mount Kisco, N. Y. Adjustable broom or brush. 1,994,677; Mar. 19.
- Wildhaber, Ernest, Brooklyn, N. Y. Rotary gear cutting tool. 1,996,987; Apr. 9.
- Wildhaber, Ernest, assignor to Gleason Works, Rochester, N. Y. Gear cutter. 2,024,494; Dec. 17.
- Wildman, Harry G., Westmount, Quebec, Canada. Producing sponge iron. 2,014,873; Sept. 17.
- Wildman Mfg. Co. (See Howie, Kenneth, assignor.)
- Wildman Mfg. Co. (See Howie, K., and Kriebel, assignors.)
- Wildrick, Meade, Wilmington, Del., assignor of one-third to H. R. Johns, New York, N. Y. Road building apparatus. 2,014,826; Sept. 17.
- Wildroot Company, The. (See Ritchie, Albert E., assignor.)
- Wildt and Company Limited. (See Cole, Alfred R., and B. T., assignors.)
- Wildt & Company Limited. (See Coley, J., and Leedham, assignors.)
- Wildt and Company Limited. (See Holmes, Henry H., assignor.)
- Wildt and Company Limited. (See Holmes, H. H., and Robinson, assignors.)
- Wildt and Company Limited. (See Wildt, E., and Holmes, assignors.)
- Wildt, Edwin, and H. H. Holmes, Leicester, England, assignors to Jacquard Knitting Machine Company, Inc., Philadelphia, Pa. Knitting machine. 1,987,091; Jan. 8.
- Wildt, Edwin, and H. H. Holmes, assignors to Wildt and Company Limited, Leicester, England. Knitting and warp-thread feeding means for use in knitting. 1,997,376; Apr. 9.
- Wildt, Edwin, and H. H. Holmes, assignors to Wildt and Company Limited, Leicester, England. Patterning mechanism for circular knitting machines. 2,018,164; Oct. 22.
- Wildt, Edwin, and H. H. Holmes, Leicester, assignors to Wildt and Company Limited, Leicester, England. Patterning mechanism for circular knitting machines. 2,018,165; Oct. 22.
- Wildt, Edwin, and H. H. Holmes, assignors to Wildt and Company Limited, Leicester, England. Knitted fabric produced on circular knitting machines. 2,018,166; Oct. 22.
- Wildt, Edwin, and H. H. Holmes, Leicester, assignors to Wildt and Company Limited, Leicester, England. Knitting machine. 2,018,167; Oct. 22.
- Wildy, Eric L., assignor to The London Electric Wire Company, and Smiths Limited, London, England. Winding machine for filaments. 2,012,208; Aug. 20.
- Wile, Daniel D., assignor to Detroit Lubricator Company, Detroit, Mich. Fluid measuring device. 1,996,943; Apr. 9.
- Wile, Daniel D., assignor to Detroit Lubricator Company, Detroit, Mich. Apparatus and method for temperature regulation. 2,006,306; June 25.
- Wiley, Clifford J. (See Canady, B. H., and Wiley.)
- Wiley, Edward W., Chicago, Ill. Joist support. 2,023,186; Dec. 3.
- Wiley, Everett A., Maywood, Calif., assignor to Dieselerator Corporation of America. Carburetor. 2,018,168; Oct. 22.
- Wiley, Mark, Chicago, Ill. Flange lubricator. 2,012,227; Aug. 20.
- Wiley, Raymond H., C. A. Huston, and C. J. Keller, Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Forming contact points. 2,020,752; Nov. 12.
- Wiley, Robert E., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 1,990,509; Feb. 12.
- Wiley, Samuel, Metuchen, N. J. Time fuse for projectiles. 1,988,467; Jan. 22.
- Wiley, Samuel, Metuchen, N. J. Emergency landing flare and releasing device therefor. 1,996,694; Apr. 2.
- Wiley, Samuel, Metuchen, N. J. Flare container. 2,000,055; May 7.
- Wilford, Edward B., Merion, Pa. Gyroplane. 2,025,561; Dec. 24.
- Wilhelm, Arthur M., Randolph, N. Y. Wind T for airports. 2,017,224; Oct. 15.
- Wilhelm, Fred C. (See Raynolds, J. F., and Wilhelm.)
- Wilhelm, Harold F., East Orange, N. J. Match box. 2,006,190; June 25.
- Wilhelm, Henry A., Milwaukee, Wis., assignor to Square D Company, Detroit, Mich. Thermal relay. 2,014,958; Sept. 17.
- Wilhelm, John A., North Bend, assignor of one-half to C. L. Blakely, Snoqualmie Falls, Wash. Hydraulic steering gear. 2,008,344; July 16.
- Wilhelm, John H. (See Denivelle, O. E., and Wilhelm.)
- Wilhelm, Ottmar, Heidelberg, Germany. Making duplicating forms. 1,990,106; Feb. 5.
- Wilhelm, Rudolf, Essen-Altenessen, Germany. Coke oven door. 2,007,318; July 9.

- Wilhelm, Walter W., Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Container for shoe polish. 2,019,376; Oct. 29.
- Wilhite, D. C., et al. (See Yates, James M., assignor.)
- Wilhelm, Christian, assignor, by mesne assignments, to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Automatic control system. 1,999,027; Apr. 23.
- Wilke, Herman, Wauwatosa, assignor to Wisconsin Cuneo Press, Inc., Milwaukee, Wis. Display carton. 2,018,824; Oct. 29.
- Wilke, Otto H., Lakewood, Ohio. Compartment assembly for display tables. 1,995,335; Mar. 26.
- Wilkening, Frederick W. (See Platt, Haviland H., assignor.)
- Wilkening Manufacturing Company. (See Wuerfel, William, assignor.)
- Wilkins, Joseph A., St. Bernard, Ohio. Last. 2,020,980; Nov. 12.
- Wilkerson, Leonard E., and E. M. Maynard, Newport News, Va. Adjustable machine support. 1,987,726; Jan. 15.
- Wilkes Avery Corporation. (See Wilkes, G., and Avery, assignors.)
- Wilkes, Clarence H., Schenectady, N. Y. Lunch outfit. 1,992,270; Feb. 26.
- Wilkes, Frederic, Wilkesburg, Pa. Lubricating apparatus. 2,012,843; Aug. 27.
- Wilkes, Gilbert, Jacksonwald, and J. S. Avery, Pennside, Pa., assignors to Wilkes Avery Corporation, New York, N. Y. Absorption cycle temperature control apparatus. 2,004,843; June 11.
- Wilkins, Adelbert E., Lansing, assignor to Reo Motor Car Company, Lansing, Mich. Seat construction. 2,021,120; Nov. 12.
- Wilkins, George H., Greenfield, Mass. Device for shattering ice cubes. 1,992,645; Feb. 26.
- Wilkins, Richard A., Beverly, assignor to Industrial Development Corporation, Boston, Mass. Electrolytic apparatus. 1,993,726; Mar. 5.
- Wilkins, Richard A., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Alloy. 2,002,460; May 21.
- Wilkins, Richard A., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Welding rod. 2,009,977; July 30.
- Wilkins, Richard A., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Storage container for beer. 2,013,325; Sept. 3.
- Wilkins, Richard A., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Storage container for beer. 2,013,326; Sept. 3.
- Wilkins, Richard A., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Storage container for beer. 2,013,327; Sept. 3.
- Wilkins, Walter S., Wednesbury, assignor of one-half to Joseph Sankey and Sons Limited, Bilston, England. Machine for rolling metal. 2,023,656; Dec. 10.
- Wilkinson, Albert, et al. (See Hornback, Arch E., assignor.)
- Wilkinson, Edward T. (See White, Alexander P., assignor.)
- Wilkinson, Ellis H., Neola, W. Va., assignor of one-fourth to M. E. Schofield, and one-fourth to B. C. Schofield, Philadelphia, Pa., and one-half to F. M. Wilkinson, Neola, W. Va. Water vapor generating system. 1,990,394; Feb. 5.
- Wilkinson, Ernest, Chicago, Ill. Live stock hutch. 2,026,334; Dec. 31.
- Wilkinson, Florence M., et al. (See Wilkinson, Ellis H., assignor.)
- Wilkinson, Francis C. W., Burnham, assignor of one-half to Crane Packing Limited, Slough, England, and one-half to Crane Packing Company, Chicago, Ill. Heat exchange apparatus. 2,000,653; May 7.
- Wilkinson, George D., Oak Park, and E. D. Pellegrin, Des Plaines, assignors to Cribben & Sexton Company, Chicago, Ill. Burner compartment closure. 1,995,788; Mar. 26.
- Wilkinson, Jay S., assignor to The Cincinnati Advertising Products Company, Cincinnati, Ohio. Advertising display unit. 1,990,151; Feb. 5.
- Wilkinson, John J., Owego, N. Y. Combination settee and bed structure. 1,997,028; Apr. 9.
- Wilkinson, John J., Owego, assignor to Howe Folding Furniture, Inc., New York, N. Y. Folding mechanism. 1,988,226; Jan. 15.
- Wilkinson, Melville C., assignor to Eugene Overton, Los Angeles, Calif. Navigational instrument. 1,997,893; Apr. 16.
- Wilkinson, Nathan, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dynamo-electric machine regulation. 1,988,283; Jan. 15.
- Wilkinson, Nathan, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Power transmission system. 1,994,376; Mar. 12.
- Wilkinson, Paul H., Huntington Park, Calif. Orifice fitting. 1,995,490; Mar. 26.
- Wilkinson, William C. (See Matthews, H., Warntjes, Arthur, and Wilkinson.)
- Wilkinson, William J., Great Neck, N. Y., assignor of one-half to The Miehle Printing Press and Manufacturing Company, Chicago, Ill. Photographically producing printing plates. 2,004,144; June 11.
- Wilkinson, Zeno C., assignor to Porcelain Tile Corporation, Warren, Ohio. Tiled construction. 1,997,399; Apr. 9.
- Wilkinson, Jim F., Waco, Tex., assignor to F. J. Crowley. Casket lowering apparatus. 2,012,367; Aug. 27.
- Wilkinson, Herbert E., Borger, Tex. Moistening device. 2,020,490; Nov. 12.
- Wilkniss, Charles H., Jackson Heights, N. Y. Sanitary seat cover and dispensing the same. 1,999,676; Apr. 30.
- Will & Baumer Candle Company. (See Chamberlain, Jesse M., assignor.)
- Will & Baumer Candle Co. (See Will, Eric W., assignor.)
- Will, Eric W., assignor to Will & Baumer Candle Co., Inc., Syracuse, N. Y. Candle. 1,993,710; Mar. 5.
- Willamette-Hyster Company. (See Grab, Gustav A., assignor.)
- Willans, Peter W., Towcester, England, assignor to Radio Corporation of America. Thermionic valve circuits. 2,015,506; Sept. 24.
- Willard, George B. (See Campbell, A., and Willard.)
- Willard, George T., Chicago, Ill. Railway tie plate. 2,016,565; Oct. 8.
- Willard Storage Battery Company. (See Brown, J. E. and Clark, assignors.)
- Willard Storage Battery Company. (See Codney, Arthur O., assignor.)
- Willard Storage Battery Company. (See Dunzweiler, Carl J., assignor.)
- Willard Storage Battery Company. (See Rose, C. C., and Sears, assignors.)
- Willard Storage Battery Company. (See Wells, Leland E., assignor.)
- Willborg, Karl S. (See Andrus, O. E., and Willborg.)
- Willby, Norman H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,000,727; May 7.
- Willby, Norman H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,000,728; May 7.
- Willcox, Charles L., Atlanta, Ga. Razor blade conditioning device. 1,998,348; Apr. 16.
- Willcox, George C. (See Schmidt, Ulrich M., assignor.)
- Willcox, George R. (See Beythian, Carl A., assignor.)
- Willcox & Gibbs Sewing Machine Co. (See Thompson, Reuben B., assignor.)
- Wille, Rudolf, Eldena, Mecklenburg-Schwerin, Germany. Cleansing the skin. 1,993,469; Mar. 5.
- Willeke, Renz, Bronx, assignor to Bepco, Inc., New York, N. Y. Beverage container. 2,017,426; Oct. 15.
- Willekens, Jacobus J. C., Brussels, Belgium, assignor to The General Carbonalpha Company, Wilmington, Del. Manufacturing carbon black. 2,008,270; July 16.
- Willeme, Louis, Nanterre, assignor to Société pour l'Exploitation de Brevets de Roues Automobiles (Sebra), Paris, France. Mounting of wheels for vehicles running on roads and on rails. 2,010,617; Aug. 6.
- Willens, Leo, New York, and A. W. Meldrum, Brooklyn, N. Y. Cigarette package container. 2,012,557; Aug. 27.
- Willerig, William D., Wilksburg, Pa. Bleacher. 2,009,037; July 23.
- Willett, Harry B., Indianapolis, Ind. Printing press. 1,993,232; Mar. 5.
- Willets, Paul G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Glass tank furnace and block therefor. 1,996,266; Apr. 2.
- Willey, Edward A., Malden, Mass., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Upper and foxing pressing machine. 1,987,173; Jan. 8.
- Willey, Fay H., Detroit, Mich. Penetrator. 1,991,238; Feb. 12.
- Willey, Joseph N. (See Ewing, S. E. T., and Willey.)
- Willey, Lowell A. (See Brown, R. H., and Willey.)
- Willey, Stacey W., Newport, Vt. Garment hanger. 2,009,462; July 30.
- Willing, Louis F., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Controlling the tone of a radio set. 2,024,321; Dec. 17.
- Willgoos, Andrew V. D., West Hartford, assignor to Pratt & Whitney Aircraft Company, East Hartford, Conn. Gear reduction unit. 1,999,267; Apr. 30.
- Willgoos, Andrew V. D., West Hartford, and S. A. Hasbrouck, New Haven, Conn., assignor, by mesne assignments, to United Aircraft Corporation. Fuel injection system for aircraft engines. 2,020,753; Nov. 12.
- Williams, Albert L. (See Cubitt, R. H., and Williams.)
- Williams, Alfred O. (See Burrows, R. J., and Williams.)
- Williams, Arthur. (See Bechler, Joseph, assignor.)
- Williams, Arthur. (See Henkel, E., Williams, and Ostermann.)
- Williams, Arthur, assignor of one-third to A. L. Poinsette and one-third to L. J. Poinsette, Fort Wayne, Ind. Drill grinder. 1,994,975; Mar. 19.
- Williams, Arthur, Hammond, Ind., assignor to The Superheater Company, New York, N. Y. Superheater element. 1,996,134; Apr. 2.
- Williams, Arthur F., St. Paul, Minn. Pupillary measuring instrument. 2,011,308; Aug. 13.
- Williams, Arthur S., Long Beach, Calif. Catalytic apparatus. 2,013,707; Sept. 10.
- Williams, Augustus Q., Weymouth, Mass. Shoe and making same. 2,010,168; Aug. 6.
- Williams, Ben M., assignor to Robert Galord, Incorporated, St. Louis, Mo. Package for rayon cones or the like. 2,010,683; Aug. 6.

- Williams, Benjamin F., assignor to Wil-Bro Corporation, San Francisco, Calif. Valve. 2,011,601; Aug. 20.
- Williams, Benjamin S., Nashville, Tenn. Fireproof safe. 2,008,119; July 16.
- Williams, Burt, Laredo, Texas. Sand trap for pumps. 2,014,827; Sept. 17.
- Williams, Cadwell A., Wilmington, N. C. Adjustable yoke end. 2,011,208; Aug. 13.
- Williams, Chester E., and J. W. H. Congdon, Worcester, assignors to Johnson & Bassett, Inc., Worcester, Mass. Wool spinning mule bunch builder. 2,018,045; Oct. 22.
- Williams, Clarence E., Lakewood, Ohio. Instrument for locating the metatarsal arch. 2,020,045; Nov. 5.
- Williams, Clarence L., and E. M. Simmons, assignors of one-third to K. M. Broom, Jackson, Miss. Automobile engine flywheel lock or the like. 1,995,909; Mar. 26.
- Williams, Clarence L., and E. M. Simmons, assignors of one-third to K. M. Broom, Jackson, Miss. Lock. 2,022,070; Nov. 26.
- Williams, Clarence R., Chicago, Ill. Hand warmer. 2,014,677; Sept. 17.
- Williams, Clyde E., and J. D. Sullivan, assignors to The Battelle Memorial Institute, Columbus, Ohio. Refractory material and making the same. 1,994,377; Mar. 12.
- Williams, Clyde E., and J. D. Sullivan, assignors to The Battelle Memorial Institute, Columbus, Ohio. Iron-bearing briquette and making the same. 1,994,378; Mar. 12.
- Williams, Clyde E., and J. D. Sullivan, assignors to The Battelle Memorial Institute, Columbus, Ohio. Iron-bearing briquette and making the same. 1,994,379; Mar. 12.
- Williams Company, The. (See Robbins, William H., assignor.)
- Williams, David G., Allentown, Pa., assignor to Trojan Powder Company. Hand grenade. 2,023,158; Dec. 3.
- Williams, Duncan B., Glen Ridge, N. J., assignor to Carbide and Carbon Chemicals Corporation. Method and device for distributing gases or vapors. 2,008,235; July 16.
- Williams, Earl C., Jackson Heights, assignor to W. B. Coon Co., Rochester, N. Y. Shoe. 2,022,554; Nov. 26.
- Williams, Earle R., North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Thermal insulation. 2,023,985; Dec. 10.
- Williams, Edward T., et al. (See Churchill, Jesse B., assignor.)
- Williams, Edward T., Pelham Manor, N. Y. Water cooler. 2,009,949; July 30.
- Williams, Edward T., Pelham Manor, N. Y. Compressor. 2,023,799; Dec. 10.
- Williams, Elmer R. (See Walker, J. P., and Williams.)
- Williams, Enoch L., Marshalltown, Iowa, assignor to Marshalltown Manufacturing Company. Filter apparatus. 2,014,034; Sept. 10.
- Williams, Erwin A. (See Threadgill, H. L., and Williams.)
- Williams, Estelle P. (See Williams, Viller P., assignor.)
- Williams, Francis C., Detroit, Mich. Galvanizing device. 2,008,736; July 23.
- Williams, Frank B. and H. E., Carthage, Mo. Upholstering for metal spring constructions. 2,000,114; May 7.
- Williams, Frank D., Los Angeles, Calif. Composite picture mat. 2,024,081; Dec. 10.
- Williams, Frank L., assignor to American Tool and Machine Company, Hyde Park, Mass. Centrifugal apparatus. 1,991,874; Feb. 19.
- Williams, George E., Minneapolis, Minn. Joint runner. 1,987,920; Jan. 15.
- Williams, George R. (See Meisel, C. A., and Williams.)
- Williams, Gershon G., La Jolla, Calif. Electric tubing. 2,001,443; May 14.
- Williams, Gwilym, Quinton, Birmingham, England. Casting of metals. 2,023,562; Dec. 10.
- Williams, Harold E. (See Williams, F. B. and H. E.)
- Williams, Harold W., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator control system. 2,020,981; Nov. 12.
- Williams, Harrison R., New York, N. Y. Bag winding method and apparatus. 2,012,700; Aug. 27.
- Williams, Harry, Detroit, Mich. Automobile doorlock connector. 2,005,174; June 18.
- Williams, Harry, Birmingham, Mich., assignor to American Cable Company, Inc., New York, N. Y. Power transmitting device. 1,993,907; Mar. 12.
- Williams, Harry, Birmingham, and C. A. Pokorny, Detroit, Mich., assignors to American Cable Company, Inc. Brake and brake operating mechanism. 1,995,135; Mar. 19.
- Williams, Harry D., Seattle, Wash. Fin radiator. 2,016,164; Oct. 1.
- Williams, Harry M., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigeration. 2,005,834; June 25.
- Williams, Ira. (See Calcott, W. S., and Williams.)
- Williams, Ira. (See Lubs, H. A., and Williams.)
- Williams, Ira, Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanization of rubber. 1,997,760; Apr. 16.
- Williams, Ira, Woodstown, N. J., and B. Dales, Chadds Ford, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Natural and artificial rubber latex. 2,002,622; May 28.
- Williams, Ira, Woodstown, and C. C. Smith, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticizing rubber and product thereof. 2,018,643; Oct. 22.
- Williams, Ira, Woodstown, and C. C. Smith, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic rubber product. 2,018,644; Oct. 22.
- Williams, Ira, Woodstown, and C. C. Smith, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Rubber cement of high rubber content and low viscosity. 2,018,645; Oct. 22.
- Williams, J. B., Company, The. (See Williams, Philip K., assignor.)
- Williams, James F., Arlington, N. J., assignor to General Motors Corporation, Detroit, Mich. Feeler gauge. 2,010,706; Aug. 6.
- Williams, James L., assignor of one-fourth to Q. L. Hames, Crosbyton, Tex. Apparatus facilitating the classification of finger prints. 2,007,589; July 9.
- Williams, Jewell R., assignor to Apparatus Design Company, Little Rock, Ark. Vacuum tube tester. 2,002,425; May 21.
- Williams, John A., Morrisville, Pa., assignor to Mitchell-Bissell Co., Trenton, N. J. Thread tensioning device. 1,997,709; Apr. 16.
- Williams, John C. (See Dawson, J. C., and Williams.)
- Williams, John H. (See Jones, Victor G., assignor.)
- Williams, John J. (See Algeo, J. S., and Williams.)
- Williams, John J., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Combination cap and spreader. 2,001,644; May 14.
- Williams, John J., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Method of and apparatus for threading metal caps. 2,024,262; Dec. 17.
- Williams, John J., and J. Bauman, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Blank arranging mechanism. 2,023,561; Dec. 10.
- Williams, Joseph, Jr., Pittsburgh, Pa., assignor to Chemical Protective Arms Corporation. Gun for projecting finely divided noxious powder. 1,994,294; Mar. 12.
- Williams, Joseph, Jr., Pittsburgh, Pa., assignor to Chemical Protective Arms Corporation. Gas and noxious powder gun. 1,994,295; Mar. 12.
- Williams, Joseph C., Kansas City, Mo. Burner. 2,012,676; Aug. 27.
- Williams, Kenneth H., Minneapolis, Minn. Insulating the windings of electrical apparatus. 1,986,615; Jan. 1.
- Williams, Lawrence S., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,013,936; Sept. 10.
- Williams, Lawrence S., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing device. 2,013,937; Sept. 10.
- Williams, Lawrence S., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Line tension measuring instrument. 2,013,938; Sept. 10.
- Williams, Lawrence S., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,013,939; Sept. 10.
- Williams, Lawrence S., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Recording scale. 2,013,940; Sept. 10.
- Williams, Lawrence S., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Recording scale. 2,020,982; Nov. 12.
- Williams, Leland W., San Antonio, Tex. Back rest for cots. 2,020,754; Nov. 12.
- Williams, Leo C. (See Brackett, E. M., Daneke, and Williams.)
- Williams, Leroy E., assignor to Highway Trailer Company, Edgerton, Wis. Refrigerator doorlock. 2,001,403; May 14.
- Williams, Lester J., Canastota, N. Y. Can washing machine. 2,018,000; Oct. 22.
- Williams, Lester J., assignor to Carl Braun, Inc., Canastota, N. Y. Can and cover washing machine. 2,017,880; Oct. 22.
- Williams, Lewis E., Long Beach, Calif. Lock. 2,015,248; Sept. 24.
- Williams, Louis N. D., Ogontz, Pa., assignor to Scotland Williams, Incorporated, New York, N. Y. Transfer mechanism for circular knitting machines. 2,000,429; May 7.
- Williams, Lynn A., et al. (See Bracke, Robert F., assignor.)
- Williams, Lynn A., et al., successor trustees. (See Stokes, Charles L., assignor.)
- Williams Manufacturing Company. (See Lorang, John, assignor.)
- Williams Manufacturing Co., The. (See Thompson, Herbert L., assignor.)
- Williams & Marcus Company. (See Cox, George D., assignor.)
- Williams, Marion R., Kansas City, Mo. Container closure. 2,004,844; June 11.
- Williams, Mary E., Chicago, Ill. Eardrop holder. 2,009,537; July 30.
- Williams, Merton F., Danvers, Mass. Water closet flush bowl. 2,022,265; Nov. 26.
- Williams, Myrie M., et al. (See Hoffard, Harold O., assignor.)
- Williams Oil-O-Matic Heating Corporation. (See Celander, Philip A., assignor.)

- Williams-Oil-O-Matic Heating Corporation. (See Lawton, Harvey B., assignor.)
- Williams Oil-O-Matic Heating Corporation. (See Williams, W. W., Celander and Nesmith, assignors.)
- Williams Oil-O-Matic Heating Corporation. (See Williams, W. W., and Zellhoefer, assignors.)
- Williams, Oscar A., Norristown, Pa. Intermittent lubricant metering device. 1,995,762; Mar. 26.
- Williams, Owen E., et al. (See Williams, Robert O., assignor.)
- Williams, Paul, Detroit, Mich., assignor, by mesne assignments, to Skinner Purifiers, Inc. Oil reclaiming. 2,023,986; Dec. 10.
- Williams, Pearson F., assignor to G. & W. Electric Specialty Co., Chicago, Ill. Device for connecting electrical conductors. 2,026,008; Dec. 31.
- Williams, Percy Q., Ottawa Hills, Ohio. Vacuum cup luggage carrier. 2,009,721; July 30.
- Williams, Philip H., Spokane, Wash., assignor to Ideal Hose Coupling Company, Coeur d'Alene, Idaho. Hose coupling. 2,004,967; June 18.
- Williams, Philip K., assignor to The J. B. Williams Company, Glastonbury, Conn. Bottle holder. 2,017,427; Oct. 15.
- Williams, Philip S. (See Johnson, O. W. and Williams.)
- Williams, Powell, Kansas City, and J. D. Waugh, St. Louis, assignors to Speas Manufacturing Company, Kansas City, Mo. Preparation for making food products and making the same. 2,010,340; Aug. 6.
- Williams Products, Inc. (See Williams, William J., assignor.)
- Williams, Raymond G., Providence, R. I. Combination game, and individual player instruction sheet therefor. 2,025,966; Dec. 31.
- Williams, Richard M., Ridgewood, assignor to Radio Corporation of America, New York, N. Y. Glow lamp. 1,991,479; Feb. 19.
- Williams, Richard M., Rutherford, assignor to R. H. Ranger, Newark, N. J. Crater type glow discharge tube. 1,991,480; Feb. 19.
- Williams, Robert C., assignor to The Ironsides Company, Columbus, Ohio. Applying metal forming lubricants. 1,995,528; Mar. 26.
- Williams, Robert L., Newton, assignor to Submarine Signal Company, Boston, Mass. Submarine signaling tank. 1,994,495; Mar. 19.
- Williams, Robert L., Newton, assignor to Submarine Signal Company, Boston, Mass. Method and apparatus for measuring distances and depths. 2,015,702; Oct. 1.
- Williams, Robert O., Cleveland, Ohio, assignor of one-third to Owen E. Williams, Baltimore, Md., and one-third to William A. Harvey, Washington, D. C. Stencil. 2,007,783; July 9.
- Williams, Robert R., Roselle, and A. R. Kemp, East Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Rubber insulation for submarine cables. 2,002,461; May 21.
- Williams, Robert T., Quincy, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical control for valves. 2,020,168; Nov. 5.
- Williams, Roger G., assignor of one-half to W. H. Hancock, Okmulgee, Okla. Indicator. 1,996,315; Apr. 2.
- Williams, Roland G., Branford, assignor to Malleable Iron Fittings Company, Branford, Conn. Stubbing device. 1,999,604; Apr. 30.
- Williams, Russell J., assignor to American Manganese Steel Company, Chicago Heights, Ill. Furnace carrier. 2,006,612; July 2.
- Williams, Samuel B., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic stock quotation system. 1,992,271; Feb. 26.
- Williams, Samuel B., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical recorder. 2,025,407; Dec. 24.
- Williams, Samuel F., San Diego, Calif. Rod coupling. 1,990,721; Feb. 12.
- Williams, Selden T., Bellerose, assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Air operated liquid transfer system. 2,008,807; July 23.
- Williams, Selden T., Bellerose, assignor to A. Schrader's Son, Incorporated, New York, N. Y. Ferrule contracting tool. 2,009,829; July 30.
- Williams, Sion H., Hornbeak, Tenn. Bow facing oar. 2,000,630; May 7.
- Williams, Stanley Austen, Osterley Park, and J. L. Musgrave, London, England. Electrical heating system. 2,018,293; Oct. 22.
- Williams, Stephen L., assignor to Extruded Metal Products Company, Bridgeport, Ohio. Pickling apparatus. 2,019,206; Oct. 29.
- Williams, Stephen L., assignor to Extruded Metal Products Company, Bridgeport, Conn. Pickling basket. 1,989,301; Jan. 29.
- Williams, Stuart R., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Lighting unit. 2,007,033; July 2.
- Williams, Theodore O. (See Van Dissen, J. L., Williams, and Lee.)
- Williams, Thomas D., Garfield Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Apparatus for coating metal strips. 2,005,307; June 18.
- Williams, Thomas H., assignor to National Rubber Machinery Company, Akron, Ohio. Power-operated collapsible drum. 1,987,566; Jan. 8.
- Williams, Thomas H., assignor to National Rubber Machinery Company, Akron, Ohio. Vulcanizer. 2,020,669; Nov. 12.
- Williams, Thomas H., assignor to National Rubber Machinery Company, Akron, Ohio. Mold engraving machine. 2,026,487; Dec. 31.
- Williams, Thomas L. (See Arnold, H. R. and Williams.)
- Williams, Ulmont B., Miami, Fla. Kite plane glider or similar article. Des. 95,101; Apr. 2.
- Williams, Vernon H., Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Explosive composition. 2,008,808; July 23.
- Williams, Villor P., Baltimore, Md., assignor to E. P. Williams, Baltimore, Md. Universal joint. 2,015,390; Sept. 24.
- Williams, Villor P., assignor to E. P. Williams, Baltimore, Md. Universal joint. 2,024,410; Dec. 17.
- Williams, Villor P., assignor to E. W. Gomborov, Baltimore, Md. Bumper. 2,026,113; Dec. 3.
- Williams-Wallace Company. (See Stadtfeld, Jacob A., assignor.)
- Williams, Walter W., Bloomington, Ill. Control mechanism for fluid fuel burners. 1,991,185; Feb. 12.
- Williams, Walter W., Bloomington, Ill. Water heater. 1,991,186; Feb. 12.
- Williams, Walter W., Bloomington, Ill. Warm air heating system. 1,994,184; Mar. 12.
- Williams, Walter W., Bloomington, Ill. Automatically flushing fluid tanks. 1,998,478; Apr. 23.
- Williams, Walter W., Bloomington, Ill. Refrigerating unit. 2,012,209; Aug. 20.
- Williams, Walter W., Bloomington, Ill. Warm air furnace. 2,012,210; Aug. 20.
- Williams, Walter W., Bloomington, Ill. Domestic refrigeration. 2,014,917; Sept. 17.
- Williams, Walter W., Bloomington, Ill. Heater. 2,014,918; Sept. 17.
- Williams, Walter W., and G. F. Zellhoefer; said Zellhoefer assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Mechanism for automatically flushing water tanks. 2,018,169; Oct. 22.
- Williams, Walter W., P. A. Celander, and O. E. Nesmith, said Celander and said Nesmith, assignors of their entire rights to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Fluid fuel burner muffler. 2,012,794; Aug. 27.
- Williams, Walter W., P. A. Celander, and O. E. Nesmith; said Celander and said Nesmith assignors to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Fluid fuel burner. 2,015,048; Sept. 17.
- Williams, White & Company. (See Yandell, William H., assignor.)
- Williams, William, assignor to Intertype Corporation, Brooklyn, N. Y. Slug galley for typographical machines. 2,020,269; Nov. 5.
- Williams, William A., Rome City, Ind. Gasoline dispensing device. 2,025,628; Dec. 24.
- Williams, William D., Atwood, Ontario, Canada. Apparatus for making cheese. 2,002,597; May 28.
- Williams, William H., assignor to The Dow Chemical Company, Midland, Mich. Drying para-hydroxydiphenyl. 2,001,658; May 14.
- Williams, William J., assignor to Williams Products Inc., Chicago, Ill. Starting motor and ignition system control for internal combustion engines. 2,021,396; Nov. 19.
- Williamson, Floyd M., Detroit, Mich. Vanity case. 2,005,835; June 25.
- Williamson, Frederick B., Jr., Elizabeth, assignor to The Whitehead Bros. Rubber Co., Trenton, N. J. Making hose. 1,997,618; Apr. 16.
- Williamson, Henry C., assignor to The Beckley-Ralston Co., Chicago, Ill. Method of and apparatus for controlling the sublimation of solid carbon dioxide. 2,026,335; Dec. 31.
- Williamson, Colonel J., and H. F. Suverkrup, San Bernardino, Calif. Automatic valve control system. 2,000,367; May 7.
- Williamson, James E., Maplewood, N. J. Control apparatus. 2,001,320; May 14.
- Williamson, James J., Putnam, Conn. Removing the harness and stopping instrumentalities from a loom. 1,994,296; Mar. 12.
- Williamson, Larkin R., Cincinnati, assignor to The Cincinnati Bickford Tool Company, Oakley, Ohio. Interlocked electric traverse and hydraulic clamp for mobile drills. 1,999,225; Apr. 30.
- Williamson, Larkin R., assignor to C. J. Hauck, Cincinnati, Ohio. Brake adjusting device. 2,009,983; July 30.
- Williamson, Marshall I., Edgewater, N. J. Three dimensional display means. 2,016,129; Oct. 1.
- Williamson, Peter, Jr., Everett, Mass., assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Lubricating system and method. 2,002,809; May 28.
- Williamson, Ralph J., Milton, assignor to Trimont Manufacturing Co., Inc., Roxbury, Mass. Pipe cutting device. 2,003,619; June 4.
- Williamson, Robert L., Erwin, Tenn. Sanitary closet device. 1,999,971; Apr. 30.
- Williamson, Wilbur W., Oakland, assignor to The Pacific Lumber Company, San Francisco, Calif. Shock-resisting concrete. 2,023,800; Dec. 10.
- Williamson, William, Valley Stream, N. Y. Electric switch actuating mechanism. 2,014,217; Sept. 10.

- Willig, Erhard. (See Bauman, P., Stadler and Willig.)
- Willig, Stephen, Akron, Ohio. Inflatable spiral tube. 2,012,211; Aug. 20.
- Willimek, Gustaw, Warsaw, Poland. Electric battery cell. 2,023,717; Dec. 10.
- Willing, Leo, New York, N. Y. Box with label holder. 2,020,343; Nov. 12.
- Willing, Mark S., Mount Holly, Va. Preventing soil erosion by windstorms. 2,011,131; Aug. 13.
- Willingham, Brock E., Lanett, Ala. Picker stick bumper. 2,023,187; Dec. 3.
- Willink, Arthur, United States Army, Philadelphia, Pa. Brake. 2,017,083; Oct. 15.
- Willink, Arthur, Philadelphia, Pa. Die and making the same. 2,018,392; Oct. 22.
- Willis, Bernard D. (See Harris, H. L., and Willis.)
- Willis, Charles C., Bound Brook, assignor to John Waldron Corporation, New Brunswick, N. J. Spray coating machine. 2,003,778; June 4.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve converting system. 2,008,533; July 16.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric power transmission. 2,013,454; Sept. 3.
- Willis, Clodius H., Princeton, N. J., and P. M. Currier, Ballston Lake, N. Y., assignors to General Electric Company. Method of and apparatus for starting and operating electric motors. 1,995,876; Mar. 26.
- Willis, French H. (See Bailey, A., Harper, and Willis.)
- Willis, Henry, and A. Thompson-Allen, London, England. Swell louver action for organs. 2,005,643; June 18.
- Willis, Le Roy W. (See Turner, R. H., and Willis.)
- Willis, Le Roy W., Stamford, Conn., assignor to Intertype Corporation, Brooklyn, N. Y. Magazine mounting for typographical machines. 1,997,555; Apr. 9.
- Willis, Martin. (See Dorn, R., and Willis.)
- Willison, Ella L., New York, N. Y. Electrolysis apparatus. 2,023,563; Dec. 10.
- Williston, Samuel H., Aberdeen, Wash., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Orienting whipstocks. 2,012,152; Aug. 20.
- Willits, Milford L., Santa Ana, Calif. Lawn trimming device. 1,991,305; Feb. 12.
- Willman, William, New York, N. Y. Game apparatus. 2,010,209; Aug. 6.
- Willmore, Charles B., New Kensington, and C. C. Callis, Oakmont, assignors to Aluminum Company of America, Pittsburgh, Pa. Production of alumina. 2,019,553; Nov. 5.
- Willner, Kurt, Munster in Westphalia, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Iron sheet piling. 2,016,064; Oct. 1.
- Willners, Hyacinth, executrix. (See Willners, John A., assignor.)
- Willners, John A., deceased, Hyacinth Willners, executrix, Harrisburg, Pa. Grenade. 1,994,081; Mar. 12.
- Willoughby, John A., Washington, D. C., Radio navigating system. 2,010,833; Aug. 13.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Railway car. 2,003,916; June 4.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Drop bottom mine car. 2,012,114; Aug. 20.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Railway car. 2,020,863; Nov. 12.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Multiunit tank car. 2,024,411; Dec. 17.
- Willoughby, Victor, Ridgewood, N. J., and W. L. Lapworth, Wantagh, assignors to American Car and Foundry Company, New York, N. Y. Adapter valve for tank outlets. 2,003,915; June 4.
- Willoughby, William W., Washington, D. C. Clutch. 1,999,523; Apr. 30.
- Wills, Child H., Marysville, Mich. Alloy steel. 1,992,905; Feb. 26.
- Wills, Harry F., Huntington Park, Calif., assignor of one-fourth to E. A. Strause and one-fourth to H. W. Bruce. Harmonica. 1,990,851; Feb. 12.
- Wills, Milton E., Petersburg, Va. Apparatus for making rayon. 1,993,816; Mar. 12.
- Willshaw, Harry, Wyde Green, H. Smith, Sutton Coldfield, and G. H. B. Yoxon, Handsworth, Birmingham, England, assignors to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Apparatus for measuring and cutting. 1,993,393; Mar. 5.
- Willshaw, Harry, Sutton Coldfield, and T. Norcross, and F. G. Broadbent, Erdington, Birmingham, England, assignors to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Apparatus for the manufacture of pneumatic tires. 2,002,970; May 28.
- Willste, Henry E., New York, N. Y. Refrigeration apparatus and method. 2,003,411; June 4.
- Willson, Edward A., assignor to American Anode Inc., Akron, Ohio. Coagulant composition. 1,996,090; Apr. 2.
- Willson, Frederick, Bern Township, Berks County, and H. F. Shindel, assignors to Willson Products, Inc., Reading, Pa. Conditioner for air line respirators. 2,010,424; Aug. 6.
- Willson, Frederick, Bern Township, Pa., Berks County, and H. F. Shindel, Reading, Pa., assignors to Willson Products, Inc., Reading, Pa. Mask for air line respirators. 2,012,441; Aug. 27.
- Willson Products, Inc. (See Shindel, Harry F., assignor.)
- Willson Products, Inc. (See Shindel, H. F., and Willson, assignors.)
- Willson Products, Inc. (See Willson, F., and Shindel, assignors.)
- Willson, Thomas A. (See Shindel, H. F. and Willson.)
- Willys-Overland Company, The. (See Fisher, Walter S., assignor.)
- Wilm, Walter F., Brooklyn, N. Y., assignor of one-half to M. M. Eisenberg. Electric metering system. 2,012,980; Sept. 3.
- Wilman, Rodney B. (See McGrath, J. T., and Wilman.)
- Wilmanns, Gustav, Wolfen Kreitz, Bitterfeld, and J. Brunken, Dessau-In-Anhalt, Germany, assignors to Agfa Anso Corporation, Binghamton, N. Y. Stabilizing silver halide emulsions. 2,016,471; Oct. 8.
- Wilmeth, Roscoe H., and J. A. Keys, assignors to Sangamo Electric Company, Springfield, Ill. Time switch. 1,992,273; Feb. 26.
- Wilmington Trust Company, executor et al. (See Sobatzki, R. J., and Bishop.)
- Wilmington Trust Co., executor et al. (See Wuertz, A. J., and Bishop.)
- Wilmot, William H., Asheville, N. C. Spring structure. 1,989,302; Jan. 29.
- Wilmotte, Raymond M., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Method of and apparatus for locating a point in space. 2,012,412; Aug. 27.
- Wilms, Gustav O., assignor by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Carbon disk rheostat. 1,988,641; Jan. 22.
- Wilms, Gustav O., assignor to Allen-Bradley Company, Milwaukee, Wis. Overload relay. 1,992,595; Feb. 26.
- Wilms, Gustav O., assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Circuit breaker. 2,001,559; May 14.
- Wilms, Gustav O., assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Rheostatic controller. 2,006,974; July 2.
- Wilms, Gustav O., assignor to Allen-Bradley Company, Milwaukee, Wis. Switch. 2,016,472; Oct. 8.
- Wipacite, Louis, New Rochelle, N. Y. Coke oven ironwork. 2,025,967; Dec. 31.
- Wisley, George F., Alexandria, Va. Grinding machine. 2,013,262; Sept. 3.
- Wiley, Irven H., Chicago, Ill. Heating device. 2,012,981; Sept. 3.
- Wilshire, William F., King's Norton, Birmingham, England. Rotary and semirrotary furnace. 1,998,349; Apr. 16.
- Wilsing, Paul, assignor to Demag Aktiengesellschaft Duisburg, Germany. Clutch and brake mechanism for winches. 2,003,795; June 4.
- Wilsing, Paul, assignor to Demag Aktiengesellschaft, Duisburg, Germany. Crane. 2,014,544; Sept. 17.
- Wilson, Albert L. (See Smith, C., Prohaska, and Wilson.)
- Wilson, Alexander H., Oak Park, assignor to Thomas Hoist Company, Chicago, Ill. Clutch controlling device. 1,997,444; Apr. 9.
- Wilson, Alexander M., Cincinnati, Ohio. Single phase motor. 2,002,382; May 21.
- Wilson, Alfred R., assignor to Hutchins Car Roofing Company, Detroit, Mich. Temporary car roof for open top freight cars. 2,009,038; July 23.
- Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Container and forming same. 1,995,698; Mar. 26.
- Wilson, Allen R., Lansdowne, Pa., R. Seeman, Merrick, and M. Hallen, Long Island City, N. Y. Taking-up slack in structural members. 1,992,978; Mar. 5.
- Wilson, Andrew V. (See Jackson, R. A. F., and Wilson.)
- Wilson, Benjamin J. (See Mears, A. H., and Wilson.)
- Wilson, Benjamin J., assignor to Leeds & Northrup Company, Philadelphia, Pa. Control system. 2,010,577; Aug. 6.
- Wilson & Bennett Manufacturing Company. (See Townsend, John S., assignor.)
- Wilson Box (Foreign Rights) Limited. (See Wilson, Edward B., assignor.)
- Wilson Brothers. (See Thompson, Joseph E., assignor.)
- Wilson, C. W. (See Schmidt, Michael, assignor.)
- Wilson, Carrol J., Jonesboro, Tex. Foot operable playing attachment for pianos. 2,003,227; May 28.
- Wilson, Cecil E., Covington, La., assignor to Independent Grinding Wheel Company, Inc. Abrasive wheel. 1,997,957; Apr. 16.
- Wilson, Charles M., Detroit, Mich. Combination motorized work and machine bench. 2,016,528; Oct. 8.
- Wilson, Charles O., Muskegon, Mich. Irrigating and sprinkling system. 2,021,709; Nov. 19.
- Wilson, Charles O., Muskegon, Mich. Nozzle. 2,021,710; Nov. 19.
- Wilson, Christian, North Revere, Mass. Frying apparatus. 1,994,555; Mar. 19.
- Wilson, Clarence E., Manchester, Conn. Protective covering for plants. 1,988,886; Jan. 22.

- Wilson, Clarence P., Ontario, and R. D. Nedvidek, Pomona, assignors to California Fruit Growers Exchange, Los Angeles, Calif. Conserving fresh fruit treating solutions. 2,010,341; Aug. 6.
- Wilson & Co. Inc. (See Becker, Charles W., assignor.)
- Wilson & Co., Inc. (See Gaarder, Herbert M., assignor.)
- Wilson, David, Brookfield, Ill. Ventilator. 2,011,667; Aug. 20.
- Wilson, David E., West Los Angeles, Calif. Holder for correcting ingrowing toenails. 2,024,412; Dec. 17.
- Wilson, Dorian M., assignor to Sutherland Paper Company, Kalamazoo, Mich. Dispensing carton. 2,005,924; June 25.
- Wilson, Dorian M., assignor to Sutherland Paper Company, Kalamazoo, Mich. Carton. 2,013,227; Sept. 3.
- Wilson, Earl D., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic heat control. 1,994,904; Mar. 19.
- Wilson, Earl D., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Photosensitive apparatus. 2,008,410; July 16.
- Wilson, Edward B., Westminster, assignor to Wilson Box (Foreign Rights) Limited, London, England. Brake operating mechanism. 2,005,284; June 18.
- Wilson, Egbert A., Hayfield, Minn. Milk can cover. 2,016,979; Oct. 8.
- Wilson, Ellsworth M., Montclair, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical condenser and making same. 2,024,558; Dec. 17.
- Wilson, Emery J., Cleveland, assignor to Thew Shovel Company, Lorain, Ohio. Load handling and excavating machine. 2,022,168; Nov. 26.
- Wilson, Emmett, Los Angeles, Calif. Safety razor. 2,021,344; Nov. 19.
- Wilson, Ernest D., Larchmont, assignor to W-B Chemical Company, New York, N. Y. Production of xanthates. 2,021,930; Nov. 26.
- Wilson, Eugene W., Oak Park, Ill. Burial vault. 2,004,454; June 11.
- Wilson, Ezekiel J., East Greenbush, assignor to F. C. Huyck & Sons, Rensselaer, N. Y. Paper drier felt. 1,986,490; Jan. 1.
- Wilson, Ezekiel J., East Greenbush, assignor to F. C. Huyck & Sons, Rensselaer, N. Y. Rug joint or selvage. 1,986,491; Jan. 1.
- Wilson, Fern O., Miami, Fla. Device for preventing the soiling of hats and similar headgear. 1,986,312; Jan. 1.
- Wilson, Frederick F. (See Nordstrom, James C., assignor.)
- Wilson, Frederick P., Jr., Schenectady, N. Y., assignor to General Electric Company. Metallurgical furnace gas and controlling composition. 1,988,929; Jan. 22.
- Wilson, Fredrick R., et al. (See Wilson, William A., assignor.)
- Wilson, Frederick W., Sale, assignor of one-half to St. George's Engineers Limited, Salford, England. Sand blast apparatus. 2,020,447; Nov. 12.
- Wilson, George F. (See Evenden, G. A., and Wilson.)
- Wilson, Glen A., Elizabeth, N. J. Vibrator. 2,018,046; Oct. 22.
- Wilson, Guy W., Erie, Pa., assignor to General Electric Company. Electric generator system. 2,005,486; June 18.
- Wilson, H. A., Company, The. (See Waltenberg, Romaine G., assignor.)
- Wilson, Harold, Bestwood, England. Coal cutter and like machinery. 1,997,093; Apr. 9.
- Wilson, Harold A., Houston, Tex., assignor to Standard Oil Development Company. Vacuum thermocouple. 2,017,084; Oct. 15.
- Wilson, Harold F., Los Angeles, Calif. Folding boat. 2,001,006; May 14.
- Wilson, Harry, Jr. (See Trembour, M. R., and Wilson.)
- Wilson, James O., West Englewood, N. J., and W. W. Wilson, assignors to The Texas Company, New York, N. Y. Railway journal protector. 1,999,268; Apr. 30.
- Wilson, James R. (See Ronci, V. L., Wilson, and Depew.)
- Wilson, James S. (See Tonkin, R., and Wilson.)
- Wilson, Jesse R., assignor to Standard Oil Company, Chicago, Ill. Well treatment. 1,990,969; Feb. 12.
- Wilson, John R. (See Nordstrom, James C., assignor.)
- Wilson, John A. (See Twiss, D. F., Neale, and Wilson.)
- Wilson, John A., South Pasadena, Calif. Knife. 2,001,232; May 14.
- Wilson, John D., Lufkin, Tex., assignor of one-half to Lufkin Gin Company. Huller type cotton gin. 2,011,838; Aug. 20.
- Wilson, John H., Wichita Falls, Tex. Drum operating mechanism for winches. 2,023,828; Dec. 10.
- Wilson, John S. (See Darnell, Roy F., assignor.)
- Wilson, John S., and C. W. Millsbaugh, Detroit, Mich., and E. G. Overmire, New York, N. Y., assignors to The New York Central Railroad Company. Apparatus for loading vehicles in freight cars. 2,007,514; July 9.
- Wilson, John S., and C. Millsbaugh, Detroit, Mich., and E. G. Overmire, Yonkers, N. Y., assignors to The New York Central Railroad Company. Vehicle holddown device. 2,020,270; Nov. 5.
- Wilson-Jones Company. (See Dawson, George H., assignor.)
- Wilson-Jones Company. (See Dawson, G. H., and Unger, assignors.)
- Wilson-Jones Company. (See Dawson, G. H., and Wedge, assignors.)
- Wilson-Jones Company. (See McCleary, Henry R., assignor.)
- Wilson-Jones Company. (See Unger, Paul O., assignor.)
- Wilson-Jones Company. (See Wedge, Fred D., assignor.)
- Wilson, Lena A., et al. (See Thompson, John L., assignor.)
- Wilson, Leonard, Salt Lake City, Utah, assignor, by mesne assignments, to M. S. Friendly, Chicago, Ill., O. N. Friendly, Salt Lake City, Utah, and Central Republic Trust Company, Chicago, Ill., trustees under the will of Herbert M. Friendly, deceased. Automatic telephone system. 2,007,736; July 9.
- Wilson, Leroy A., Salt Lake City, Utah, assignor to M. O. Hayes. Charge preheating and reduction device. 1,987,952; Jan. 15.
- Wilson Locknut Company. (See Wilson, Wylie G., assignor.)
- Wilson, Lorenz H., McKeesport, Pa., assignor to National Tube Company. Making coated pipes. 1,986,696; Jan. 1.
- Wilson, Louis B. (See Blauvelt, F. J., and Wilson.)
- Wilson, Marie E., Port Angeles, Wash. Air ring for bedridden patients. 1,986,697; Jan. 1.
- Wilson, Melville M., Chicago, Ill., assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Amyl substitution product of amylene diamine and producing same. 2,014,077; Sept. 10.
- Wilson, Melville M., assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Lacquer. 2,022,331; Nov. 26.
- Wilson, Myron E., Warwick, N. Y. Fish lure. 1,986,991; Jan. 8.
- Wilson, Norman R., Belleville, N. J., assignor to H. C. Bugbird Company, Inc., New York, N. Y. Producing barium nitrate. 2,010,046; Aug. 6.
- Wilson, Norval F. (See McBrien, R. W., and Wilson.)
- Wilson, Ralph W., New York, N. Y. Container top. 2,025,188; Dec. 24.
- Wilson, Robert E. (See Rogers, T. H., and Wilson.)
- Wilson, Robert E., assignor to Standard Oil Company, Chicago, Ill. Decomposing hydrocarbon oils. 1,991,971; Feb. 19.
- Wilson, Robert E., Chicago, Ill., assignor to Standard Oil Company, Whiting, Ind. Converting high boiling point oils. 1,996,091; Apr. 2.
- Wilson, Robert E., Chicago, Ill., assignor, by mesne assignments, to Gasoline Antioxidant Company, Wilmington, Del. Motor fuel products. 2,004,560; June 11.
- Wilson, Robert E., Chicago, Ill., assignor to Standard Oil Company, Whiting, Ind. Converting high boiling hydrocarbon oils into lower boiling hydrocarbon oils. 2,009,367; July 23.
- Wilson, Robert E., Chicago, Ill., assignor to Standard Oil Company, Whiting, Ind. Conversion of high boiling point hydrocarbon oils into lower boiling point hydrocarbon oils. 2,021,471; Nov. 19.
- Wilson, Robert E., Chicago, Ill., assignor, by mesne assignments, to Gasoline Antioxidant Company, Wilmington, Del. Motor fuel distillate. 2,023,110; Dec. 3.
- Wilson, Robert E., assignor to Standard Oil Company, Chicago, Ill. Removal of wax from oil. 2,026,336; Dec. 31.
- Wilson, Robert J., Baton Rouge, La. Oil burner. 1,999,121; Apr. 23.
- Wilson, Robert P., Fort Worth, Tex. Hot water heater and the like. 1,989,047; Jan. 22.
- Wilson, Robert P., Fort Worth, Tex. Flush tank. 2,010,386; Aug. 6.
- Wilson, Russell E., Cleveland, Ohio. Carbon saver. 2,016,065; Oct. 1.
- Wilson, Sidney C. (See Harbison, L., and Wilson.)
- Wilson-Snyder Manufacturing Corporation. (See Shimer, John M., assignor.)
- Wilson, Thomas C., Incorporated. (See Bagnoli, O. J., Wilson, and Young, assignors.)
- Wilson, Thomas J. (See Smith, H. S., and Wilson.)
- Wilson, Thomas J., Pittsburgh, Pa. Cable equalizer. 2,001,007; May 14.
- Wilson, Varner, Jr. (See Stanton, Charles H., assignor.)
- Wilson, Waldo C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Shunt for electric blasting caps. 2,020,390; Nov. 12.
- Wilson, Wallace, Philadelphia, Pa. Knitted stocking foot protector. 2,001,293; May 14.
- Wilson, Walter G., Martyr Worthy, Winchester, England. Fluid transmission of power. 2,002,760; May 28.
- Wilson, Walter J. W., Victoria, British Columbia, Canada. Bookbinder's case gauge. 2,021,214; Nov. 19.
- Wilson, Walter L., Natick, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Grooving device for operating on shoes. 2,011,668; Aug. 20.
- Wilson Welder & Metals Company. (See Faulkner, Lionel E., assignor.)
- Wilson Welder and Metals Co. Inc. (See Osborne, Samuel C., assignor.)
- Wilson, Wells W. (See Wilson, James O., and W. W.)
- Wilson, William A., assignor of three-fourths to F. R. Wilson and one-fourth to E. Leach, Canonsburg, Pa. Steel and concrete construction. 1,986,171; Jan. 1.
- Wilson, William A., assignor of three-fourths to F. R. Wilson and one-fourth to E. Leach, Canonsburg, Pa. Steel and concrete construction. 1,986,172; Jan. 1.
- Wilson, William B. (See Moore, M. M., Thorburn, and Wilson.)

- Wilson, William B., Huntington Park, Calif., assignor of one-half to N. B. Herman, Reno, Nev. Pipe truing tool. 2,023,657; Dec. 10.
- Wilson, William C., assignor to Pyroxylin Products, Inc., Chicago, Ill. Screen stenciling art. 2,017,576; Oct. 15.
- Wilson, William C., and C. E. Fawkes, assignors to Pyroxylin Products, Incorporated, Chicago, Ill. Lacquer for brush application and making the same. 1,991,533; Feb. 19.
- Wilson, William G., near High Point, assignor to Maurice Mills Company, Thomasville, N. C. Double sole attachment for knitting machines. 2,022,836; Dec. 3.
- Wilson, William M. (See Farmer, Silas D., assignor.)
- Wilson, William R., Minneapolis, Minn. Selective insurance chart. 1,989,180; Jan. 29.
- Wilson, William S., Roslindale, assignor to Merrimac Chemical Co., Inc., Boston, Mass. Method and apparatus for treating acid sludge. 1,987,278; Jan. 8.
- Wilson, William S., Boston, assignor to Merrimac Chemical Company, Inc., Everett, Mass. Iron-free alum. 2,006,853; July 2.
- Wilson, Winfred E., Los Angeles, Calif. Staggered-segment arch. 2,013,820; Sept. 10.
- Wilson, Wylie G., Elizabeth, assignor to Everlasting Valve Company, Jersey City, N. J. Gate valve. 1,991,006; Feb. 12.
- Wilson, Wylie G., Elizabeth, assignor to Wilson Locknut Company, Jersey City, N. J. Mechanical lock. 1,992,272; Feb. 26.
- Wilson, Wylie G., Elizabeth, assignor to Wilson Locknut Company, Jersey City, N. J. Method and apparatus for compressing and indenting. 2,000,056; May 7.
- Wiltse, Sumner, Detroit, Mich. Tubing. 2,008,534; July 16.
- Wiltshire, Arthur, Jr., Media, Pa. Ornamental knob or handle. 2,007,555; July 9.
- Wiltshire, Arthur J. (See Chadwick, L. S., Dahlstrom, and Wiltshire.)
- Wimmer, Anton, Dortmund, Germany. Plating iron with aluminum and product of such method. 1,991,994; Feb. 19.
- Winburn, Abraham, assignor to Sperry Products, Inc., Brooklyn, N. Y. Water supply control means for detector cars. 2,010,169; Aug. 6.
- Wince, Vearl. (See Rosebraugh, W. F., Tait, and Wince.)
- Winch, Gordon T., East Sheen, assignor to The General Electric Company Limited, London, England. Musical instrument. 1,986,547; Jan. 1.
- Winchell, Arthur B., Jackson, Mich., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Phonograph. 1,990,885; Feb. 12.
- Winchell, Arthur B., Jackson, Mich., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Phonograph. 1,990,886; Feb. 12.
- Winchell, Arthur B., Jackson, Mich., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electric phonograph. 2,015,737; Oct. 1.
- Winchell, Thomas R., West Newton, Mass., assignor to Northern Maine Plywood Company, Portland, Maine. Barrel. 2,000,544; May 7.
- Winchell, Thomas R., West Newton, Mass., assignor to Northern Maine Plywood Company, Portland, Maine. Barrel. 2,001,859; May 21.
- Winchester, Frank U., assignor to Motor Wheel Corporation, Lansing, Mich. Socket wrench. 2,009,538; July 30.
- Winchester, Frank U., assignor to Motor Wheel Corporation, Lansing, Mich. Clamping-nut assembly. 2,017,114; Oct. 15.
- Winchester, George W., West Haven, Conn., assignor to Heveatex Corporation, Melrose, Mass. Production of rubber goods directly from latex. 1,993,233; Mar. 5.
- Winchester Repeating Arms Company. (See Burton, Frank F., assignor.)
- Winchester Repeating Arm Company. (See Burton, F. F., and Crockett, assignors.)
- Winchester Repeating Arms Company. (See Humeston, Frederick L., assignor.)
- Winchester Repeating Arms Company. (See McNutt, Joseph D., assignor.)
- Winchester Repeating Arms Company. (See Rowley, Arthur A., assignor.)
- Winchester Repeating Arms Company. (See Stiennon, Louis, assignor.)
- Winchester Repeating Arms Company. (See Tauson, Hans, assignor.)
- Winchester Repeating Arms Company. (See Van Sickles, Raymond B., assignor.)
- Winckler, Gunnar A. F., Worcester, Mass. Operation and regulation of reciprocating pumps. 2,018,429; Oct. 22.
- Windecker, Charles E., Painesville, Ohio. Car. 2,000,631; May 7.
- Windecker, Robert E., Painesville, Ohio. Manufacture of cement. 1,997,782; Apr. 16.
- Windecker, Robert E., Painesville, Ohio. Manufacture of fuel briquettes. 2,009,463; July 30.
- Windecker, Robert E., Painesville, Ohio. Manufacture of barium hydrate. 2,016,529; Oct. 8.
- Windecker, Robert E., Painesville, Ohio. Manufacture of barium hydrate. 2,016,530; Oct. 8.
- Windelincx, Maurice, Brussels, Belgium. Clutch control mechanism. 2,019,752; Nov. 5.
- Windfuhr, Fred, North Bergen, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Box. 1,986,421; Jan. 1.
- Windfuhr, Fred, North Bergen, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Making boxes. 1,991,437; Feb. 19.
- Winding, Arthur, Milwaukee, Wis. Laying roofing sheets. 1,994,262; Mar. 12.
- Winding, Bess, Reno, Nev. Toilet silencer pad. 2,016,412; Oct. 8.
- Windle, Edward J., Portland, Ore. Drag saw. 1,997,619; Apr. 16.
- Wine, Edgar P. (See Steiner, A. P., Wine, Ott, and Bal-siger.)
- Wine, William E., Toledo, Ohio. Railway hopper car. 1,998,532; Apr. 23.
- Wine, William E., Toledo, Ohio. Railway car. 2,020,391; Nov. 12.
- Wine, William E., Toledo, Ohio. Brake rigging for railway cars. 2,024,788; Dec. 17.
- Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping mechanism. 2,004,145; June 11.
- Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Motor for pumping mechanisms. 2,004,146; June 11.
- Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Compressor. 2,026,293; Dec. 31.
- Wines, Norris E., East Cleveland, Ohio. Cheese-cutting machine. 2,017,642; Oct. 15.
- Winfield, Edward A., LaCanada, Calif. Internal combustion engine. 2,010,170; Aug. 6.
- Winford, Orion P., assignor to Brown & Bigelow, St. Paul, Minn. Index calendar. 2,017,268; Oct. 15.
- Wing, Harold R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Warp beam. 2,025,923; Dec. 31.
- Wing, Harold R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Making warp beams. 2,025,924; Dec. 31.
- Wingard, Charles L., Portland, Ore. Holding together parts having telescopic engagement. 1,997,958; Apr. 16.
- Wingate, Gerald H., London, England. Spectacles and spectacle frames. 1,986,089; Jan. 1.
- Winger, Joseph A., Indianapolis, Ind. Motor vehicle. 1,986,313; Jan. 1.
- Winger, Joseph A., Lawrenceville, Ill., and E. W. Vahle, assignors to The Huffman Manufacturing Company, Dayton, Ohio. Draining apparatus. 1,994,844; Mar. 19.
- Winger, Stover C., assignor of one-tenth to John Flam, Los Angeles, Calif. Snap switch. 2,011,788; Aug. 20.
- Wingfoot Corporation. (See Brittain, Harold A., assignor.)
- Wingfoot Corporation. (See Calvert, William C., assignor.)
- Wingfoot Corporation. (See Clifford, Albert M., assignor.)
- Wingfoot Corporation. (See Cramer, Howard L., assignor.)
- Wingfoot Corporation. (See Day, Ralph B., assignor.)
- Wingfoot Corporation. (See Disney, George E., assignor.)
- Wingfoot Corporation. (See Gladwin, Louis H., assignor.)
- Wingfoot Corporation. (See Gracia, Albert J., assignor.)
- Wingfoot Corporation. (See Haase, Jorgen I., assignor.)
- Wingfoot Corporation. (See Kastner, Edward C., assignor.)
- Wingfoot Corporation. (See Lauter, Werner M., assignor.)
- Wingfoot Corporation. (See Litchfield, Paul W., assignor.)
- Wingfoot Corporation. (See Machester, Frank H., assignor.)
- Wingfoot Corporation. (See Mallory, Gerald D., assignor.)
- Wingfoot Corporation. (See Manchester, Frank H., assignor.)
- Wingfoot Corporation. (See Morrison, Luther E., assignor.)
- Wingfoot Corporation. (See Morse, Herman E., assignor.)
- Wingfoot Corporation. (See Patch, Harry M., assignor.)
- Wingfoot Corporation. (See Riggs, H. E., and George, assignors.)
- Wingfoot Corporation. (See Sebrell, Lorin B., assignor.)
- Wingfoot Corporation. (See Sebrell, L. B., and Clifford, assignors.)
- Wingfoot Corporation. (See State, Will C., assignor.)
- Wingfoot Corporation. (See Stephens, Joseph F., assignor.)
- Wingfoot Corporation. (See Teppema, Jan, assignor.)
- Wingfoot Corporation. (See Thies, Herman R., assignor.)
- Wingfoot Corporation. (See Tuttle, John C., assignor.)
- Wingfoot Corporation. (See Wahl, James C., assignor.)
- Wingfoot Corporation. (See Ward, J. S., and Gehman, assignors.)
- Wingfoot Corporation. (See Wolfe, William D., assignor.)
- Wingfoot Corporation. (See Woodward, Alva W., assignor.)
- Winkler, Alfred and M. Dünnebie, Neuwied-on-the-Rhine, Germany. Machine for manufacturing window envelopes. 2,008,236; July 16.
- Winkler, Alfred, and M. Dünnebie, Neuwied, Germany. Device for removing from a pile of sheets the sheet lowermost at the time. 2,011,464; Aug. 13.

- Winkler, Alfred, and M. Dünneber, Neuwied, Germany. Process and apparatus for the manufacture of envelopes, bags, and similar articles. 2,019,946; Nov. 5.
- Winkler, Carl J., and J. Roland, assignors to Schwitzer-Cummins Company, Indianapolis, Ind. Hydraulic switch control. 1,994,800; Mar. 19.
- Winkler, Charles. (See Woodside, Elberta R., assignor.)
- Winkler, Franz, Schweinfurt, Germany. Coaster brake for bicycles. 1,990,510; Feb. 12.
- Winkler, Franz, Schweinfurt, Germany. Internal hub brake for cycles. 1,998,213; Apr. 16.
- Winkler, Franz, Schweinfurt, Germany. Spring-mounted cycle hub with brake. 2,004,740; June 11.
- Winkler, Franz, Schweinfurt, Germany. Change speed gear for bicycles. 2,010,248; Aug. 6.
- Winkler, Franz, Schweinfurt, Germany. Spring-mounted eccentric hub with brake and buffer spring. 2,012,860; Aug. 27.
- Winkler, Frederick C., Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lighting unit. 2,012,413; Aug. 27.
- Winkler, Fritz, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sintering and fusing quartz. 1,992,594; Feb. 26.
- Winkler, Fritz, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Furnace for sintering, and fusing quartz. 2,026,370; Dec. 31.
- Winkler, Fritz, and H. Haeuber, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of valuable hydrocarbons from gaseous hydrocarbons. 1,986,238; Jan. 1.
- Winkler, Fritz, and H. Haeuber, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of valuable hydrocarbons from gaseous hydrocarbons. 1,986,239; Jan. 1.
- Winkler, Fritz, and P. Feller, Ludwigshafen-on-the-Rhine, and H. Weigmann, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Conversion of hydrocarbons. 1,987,092; Jan. 8.
- Winkler, Fritz, and H. Haeuber, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Removal of substances forming resins from benzines. 1,990,213; Feb. 5.
- Winkler, Fritz, and P. Feller, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of hydrocarbons rich in carbon from those poorer in carbon. 1,995,136; Mar. 19.
- Winkler, Fritz, H. Haeuber, and P. Feller, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Apparatus for pyrogenic conversion of hydrocarbons. 2,018,619; Oct. 22.
- Winkler, Herman E., assignor to Schwitzer-Cummins Company, Indianapolis, Ind. Driving mechanism. 2,010,793; Aug. 6.
- Winkler, Karl, and W. Kroenig, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Recovery of molybdenum. 2,017,557; Oct. 15.
- Winkler, Joseph F., Philadelphia, Pa. Fluid conditioning device. 2,005,515; June 18.
- Winkler, Józef. (See von Plotrowski, W., and Winkler.)
- Winkler, Moritz, Bochum, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. One-piece disk wheel. 1,986,698; Jan. 1.
- Winkler, Walter. (See Ramstack, Erich, assignor.)
- Winkler, Wynne G. (See Gibson, J. L., and Winkler.)
- Winkley, Erastus E. (See Hart, G. T., Jr., and Winkley.)
- Winkley, Erastus E., Lynn, Mass. Speed control mechanism. 1,994,330; Mar. 12.
- Winkley, Erastus E., Lynn, Mass. Motor vehicle. 2,006,781; July 2.
- Winkley, Erastus E., Lynn, Mass., assignor to The Turner Tanning Machinery Company, Portland, Maine. Measuring machine. 1,987,811; Jan. 15.
- Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sole pressing machine. 1,992,274; Feb. 26.
- Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole pressing machine. 1,993,128; Mar. 5.
- Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Storage apparatus. 2,014,458; Sept. 17.
- Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method and machine for operating on soles. 2,020,344; Nov. 12.
- Winkley, Erastus E., and G. T. Hart, Jr., Lynn, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Area measuring machine. 2,015,738; Oct. 1.
- Winland, Henry A., assignor to G. H. Alten, doing business as Alten's Foundry and Machine Works, Lancaster, Ohio. Beam hanger. 2,005,283; June 18.
- Winn, Charles R. (See Radv, Joseph, J. M., and Winn.)
- Winn, Sidney B., Lapeer, Mich. Semi-trailer. 2,004,803; June 11.
- Winn, Thomas E., Jackson Springs, N. C. Safety razor and blade therefor. 2,023,564; Dec. 10.
- Winn, William E., Dallas, Tex., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Well surveying apparatus. 2,013,875; Sept. 10.
- Winne, Harry A., Schenectady, N. Y., assignor to General Electric Company. Cold strip rolling mill. 1,988,930; Jan. 22.
- Winner, Benjamin J., Chicago, Ill. Safety means for elevators. 2,015,830; Oct. 1.
- Winnett, John W. (See Webster, Hugh G., assignor.)
- Winning, Carl, Elizabeth, N. J., assignor to Standard Oil Development Company. Wax coating composition. 2,015,739; Oct. 1.
- Winning, Carl, and J. B. Tuttle, Elizabeth, N. J., assignors to Stanco, Incorporated. Stop leak composition and making the same. 1,988,764; Jan. 22.
- Winning, Carl, and J. Tuttle, Elizabeth, N. J., assignors to Stanco Incorporated. Rust remover. 1,988,823; Jan. 22.
- Winning, Robert K., Wauwatosa, assignor to Clum Manufacturing Company, Milwaukee, Wis. Control device. 1,989,961; Feb. 5.
- Winning, William F., and C. Keyser, Braddock, Pa. Target. 2,000,368; May 7.
- Winninghoff, Wilford J., South Orange, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Method and apparatus for operating gaseous electric discharge devices. 1,990,152; Feb. 5.
- Winninghoff, Wilford J., South Orange, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Electric connector device. 2,020,712; Nov. 12.
- Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rectifier transformer. 1,999,746; Apr. 30.
- Winsborough, Paxson. (See Davis, A. H., Jr., and Paxson.)
- Winship, Ross, assignor to The Upson Company, Lockport, N. Y. Insulating material. 1,993,470; Mar. 5.
- Winship, Ross, assignor to The Upson Company, Lockport, N. Y. Fastening means for building material. 2,016,566; Oct. 8.
- Winslow, Catherine B. (See Winslow, Charles A., assignor.)
- Winslow, Charles A., Oakland, Calif. Air cleaner. 2,002,165; May 21.
- Winslow, Charles A., Vallejo, assignor to C. B. Winslow, Oakland, Calif. Lubricating system for internal combustion engines. 1,992,339; Feb. 26.
- Winslow, Charles A., assignor to C. B. Winslow, Oakland, Calif. Air cleaner and the like. 2,021,215; Nov. 19.
- Winslow, Edward N. (See Hult, W. G., and Winslow.)
- Winslow, Edward N., Shaker Heights, assignor to The Mills Company, Cleveland, Ohio. Sheet metal panel construction. 1,999,605; Apr. 30.
- Winslow, Edward T. (See Meredith, S. C., Alston and Winslow.)
- Winsor, Charles M., Norwich, N. Y. Automobile brake equalizer. 1,993,048; Mar. 5.
- Winsor, Paul, Jr., Lincoln Park, N. J., assignor to American Telephone and Telegraph Company. Telephone system. 2,025,925; Dec. 31.
- Winsor, Roy J., Bucyrus, Ohio. Road working machine. 2,020,271; Nov. 5.
- Winsor, William, San Francisco, Calif. Powder puff. 2,009,794; July 30.
- Winston, Arthur W., assignor to The Dow Chemical Company, Midland, Mich. Producing composite wrought forms of magnesium alloys. 2,023,498; Dec. 10.
- Wintemberg, Adelbert C. (See Sheehan, W. M., and Wintemberg.)
- Winter, Alfred N., Augusta, Kans., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Dispensing device. 2,023,499; Dec. 10.
- Winter, Charles, assignor to United Autographic Register Co., Chicago, Ill. Typewriter attachment. 2,024,789; Dec. 17.
- Winter, Charles L., assignor to United Autographic Register Co., Chicago, Ill. Typewriter attachment. 2,001,480; May 14.
- Winter, Courtney P., Chambersburg, Pa. Paper towel. 2,009,464; July 30.
- Winter, Courtney P., and D. A. Rosenthal, Chambersburg, Pa. Package of paper sheets. 2,011,236; Aug. 13.
- Winter, Courtney P., and D. A. Rosenthal, assignors to United States Paper Mills, Inc., Chambersburg, Pa. Method and apparatus for reducing the bulk of stacks of paper sheets and softening said sheets. 1,939,048; Jan. 22.
- Winter, Ernst, Cologne-Braunsfeld, and F. Hartmann, Knapsack, near Cologne, assignors to Aktiengesellschaft für Stickstoffdünger, Knapsack, Bezirk Cologne-on-the-Rhine, Germany. Preparing calcium carbide. 2,017,553; Oct. 15.
- Winter, Fred H. (See Byles, F. A., and Winter.)
- Winter, John, assignor to Winter Stamping Company, Goshen, Ind. Hose clamp. 2,018,906; Oct. 29.
- Winter, John R., Detroit, Mich. Grease seal. 2,015,831; Oct. 1.
- Winter, John R., Detroit, Mich., assignor of one-half to H. A. Montgomery. Grease seal. 2,005,446; June 18.
- Winter, Oscar, Philadelphia, Pa. Table mat or pad. 1,998,036; Apr. 16.
- Winter, Oscar, Philadelphia, Pa. Table pad. 2,025,926; Dec. 31.
- Winter, Ramsay M. (See Baxter, J. P., Edwards, and Winter.)
- Winter Stamping Company. (See Winter, John, assignor.)

- Winter, Wilhelm, Hamburg, Germany. Device for setting and protecting diamond-edged tools and the like. 2,006,854; July 2.
- Winter, William F., Jr., Schenectady, N. Y., assignor to General Electric Company. Vapor electric device. 1,998,299; Apr. 16.
- Wintercorn, Andrew F., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Combined bumper and weather seal means for automobile doors. 1,991,643; Feb. 19.
- Winterfeld, Leonard B., St. Paul, and W. L. Bush, Minneapolis, Minn., assignors to said Bush. Humidifier. 1,993,498; Mar. 5.
- Winterhalter, Martin, Barmen-Wichlinghausen, Germany. Slide locking device for multiple fasteners. 1,991,831; Feb. 19.
- Winterkamp, Frederick, Youngstown, Ohio. Shear device. 1,986,699; Jan. 1.
- Wintermute, Harry A., Plainfield, N. J., assignor to Research Corporation, New York, N. Y. Electrical treatment of fluids. 2,000,654; May 7.
- Wintermute, Harry A., Plainfield, N. J., assignor to Research Corporation, New York, N. Y. Electrical treatment of fluids. 2,016,531; Oct. 8.
- Winters, Albert C. (See Hendrickson, E. J., and Winters.)
- Winters, Alexander F., and G. E. De Voe, assignors to Winters & Crampton Manufacturing Company, Grandville, Mich. Refrigerator latch. 2,010,907; Aug. 13.
- Winters, Alfred G., Toledo, Ohio. Indicator. 1,994,497; Mar. 19.
- Winters & Crampton Manufacturing Company. (See Winters, A. F., and De Voe, assignors.)
- Winters, Gardner L., Dormont, assignor to Aluminum Company of America, Pittsburgh, Pa. Coiling block. 1,986,090; Jan. 1.
- Winters, Gardner L., Dormont, assignor to Aluminum Company of America, Pittsburgh, Pa. Shearing mechanism. 2,020,491; Nov. 12.
- Winters, Leroy D., Evanston, Ill. Golf club shaft. 1,994,556; Mar. 19.
- Winters, Seldon R. (See Stair, Ralph, assignor.)
- Winterson, Frank J., Lockport, Ill., A. T. Dudley, and J. Carlstrom, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Blind off valve. 2,017,383; Oct. 15.
- Winther, Anthony, Kenosha, Wis., and M. P. Winther, Waukegan, Ill. Transmission. 1,986,037; Jan. 1.
- Winther, Anthony, Kenosha, Wis. Transmission control. 2,025,487; Dec. 24.
- Winther, Martin P. (See Winther, Anthony, and M. P.)
- Winthrop Chemical Company. (See Benda, Louis, assignor.)
- Winthrop Chemical Company. (See Bockmühl, M., and Ehrhart, assignors.)
- Winthrop Chemical Company. (See Bockmühl, M., and Knoll, assignors.)
- Winthrop Chemical Company, Inc. (See Bockmühl, M., and Persch, assignors.)
- Winthrop Chemical Company. (See Bockmühl, M., Knoll and Wagner, assignors.)
- Winthrop Chemical Company, Inc. (See Bollman, Martin, assignor.)
- Winthrop Chemical Company. (See Deichsel, Stanislaus, assignor.)
- Winthrop Chemical Company. (See Johannes, Walter, assignor.)
- Winthrop Chemical Company. (See Johnson, Treat B., assignor.)
- Winthrop Chemical Company. (See Jostes, F., Jung and Andersag, assignors.)
- Winthrop Chemical Company. (See Klein, G., and Tauboeck, assignors.)
- Winthrop Chemical Company. (See Kneip, Alex, assignor.)
- Winthrop Chemical Company. (See Kropp, Walter, assignor.)
- Winthrop Chemical Company. (See Lange, F., and Taub, assignors.)
- Winthrop Chemical Company. (See Lautenschläger, C. L., and Lindner, assignors.)
- Winthrop Chemical Company. (See Lautenschläger, C. L., and Ludwig, assignors.)
- Winthrop Chemical Company. (See Marx, K., and Wesche, assignors.)
- Winthrop Chemical Company. (See Mietzsch, F., and Klarer, assignors.)
- Winthrop Chemical Company. (See Plepp, Gaston, assignor.)
- Winthrop Chemical Company. (See Reitmann, Joachim, assignor.)
- Winthrop Chemical Company. (See Schmidt, Hans, assignor.)
- Winthrop Chemical Company. (See Schulemann, W., and Mietzsch, assignors.)
- Winthrop Chemical Company. (See Steindorff, A., Krämer, Staudermann and Erlenbach, assignors.)
- Winthrop Chemical Company. (See Steindorff, A., Rössner, and Pfaff, assignors.)
- Winthrop Chemical Company. (See Streitwolf, K., Fehrlé, Herrmann, Fritzsche, and Schnitzer, assignors.)
- Winthrop Chemical Company. (See Streitwolf, K., Fehrlé, and Oesterlin, assignors.)
- Winthrop Chemical Company. (See Streitwolf, K., Fehrlé and Hilmer, assignors.)
- Winthrop Chemical Company. (See Traube, W., and Kubbier, assignors.)
- Winthrop Chemical Company, Inc. (See Bockmühl, M., Krohs and Ehrhart, assignors.)
- Winthrop Chemical Company, Inc. (See Johnson, Treat B., assignor.)
- Winton, Lewis B., Greenwich, Conn., assignor, by mesne assignments, to American Sealcone Corporation, New York, N. Y. Freezing liquid or semiliquid substances in containers. 1,996,781; Apr. 9.
- Winton, Lewis B., Greenwich, Conn., assignor to American Sealcone Corporation, New York, N. Y. Filling material into receptacles. 2,013,678; Sept. 10.
- Wintringham, William T. (See Bailey, A., and Wintringham.)
- Wintroath, John A., Los Angeles, assignor to Wintroath Pumps, Ltd., Alhambra, Calif. Submersible motor driven pump. 2,001,172; May 14.
- Wintroath, John A., Los Angeles, assignor to Wintroath Pumps, Ltd., Alhambra, Calif. Rotary impeller type well pump. 2,009,008; July 23.
- Wintroath Pumps, Ltd. (See Wintroath, John A., assignor.)
- Wintz, William, assignor to Oshkosh Trucks, Inc., Oshkosh, Wis. Wardrobe case. 1,989,778; Feb. 5.
- Wion, George H. (See Langdon, A., and Wion.)
- Wion, George H., assignor to General Railway Signal Company, Rochester, N. Y. Traffic controlling system for railroads. 1,998,037; Apr. 16.
- Wipperman, Hildegard, assignor to The H. W. Gossard Company, Chicago, Ill. Figure molding garment. 2,014,545; Sept. 17.
- Wirbatz, Wilhelm. (See Müller, R., Schenck, and Wirbatz.)
- Wirbatz, Wilhelm. (See Müller, R., Schenck, Wirbatz, and Müller.)
- Wired Radio, Inc. (See Curtis, Richard C., assignor.)
- Wired Radio, Inc. (See Duncan, Robert D., Jr., assignor.)
- Wired Radio, Inc. (See Gebhard, Louis A., assignor.)
- Wired Radio, Inc. (See Gebhard, L. A., and Rudolph, assignors.)
- Wired Radio, Inc. (See Hentschel, Ernest R., assignor.)
- Wired Radio, Inc. (See Hough, Clinton W., assignor.)
- Wired Radio, Inc. (See Hund, August, assignor.)
- Wired Radio, Inc. (See Scheibell, Gordon B., assignor.)
- Wired Radio, Inc. (See Taylor, Albert H., assignor.)
- Wired Radio, Inc. (See Terman, Frederick E., assignor.)
- Wired Radio, Inc. (See Troegner, Arthur M., assignor.)
- Wired Radio, Inc. (See Weston, John L., assignor.)
- Wiremold Company, The. (See Rutherford, Charles E., assignor.)
- Wirrer, Gottfried, Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Supercharging and scavenging device for Diesel engines. 2,006,613; July 2.
- Wirrer, Gottfried, Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Combustion chamber for Diesel engines. 2,014,828; Sept. 17.
- Wirt, Landis H., South Bend, Ind. Orthodontic appliance. 2,019,773; Nov. 5.
- Wirt, Zebulon. (See McGinnis, W., and Wirt.)
- Wirtel, Arthur F. (See DeGroote, M., Keiser, and Wirtel.)
- Wirtel, Arthur F. (See De Groote, M., and Wirtel.)
- Wirth, Charles 3d. (See Benedict, W. L., and Wirth.)
- Wirth, Emil, Hartmannsdorf, near Chemnitz, Germany. Guide needle lapping machine. 2,022,448; Nov. 26.
- Wirth, Herman, Oakland, Calif. Airplane. 2,008,737; July 23.
- Wirth, Philipp, New York, N. Y. Filter. 1,988,227; Jan. 15.
- Wirth, Walter V. (See Dahlen, M. A., and Wirth.)
- Wirth, Walter V., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of meta-cresol-methyl-ether. 2,005,815; June 25.
- Wirth, Walter V., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of musk-ambrette. 2,007,234; July 9.
- Wirth, Walter V., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of tertiary-butyl-chloride. 2,013,722; Sept. 10.
- Wirth, Walter V., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of musk xylene. 2,023,565; Dec. 10.
- Wirth, Walter V., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing tertiary-butyl-meta-xylene. 2,023,566; Dec. 10.
- Wirtz, Franklin H. (See Shaffer, G. A., and Wirtz.)
- Wirz, A. H., Inc. (See Barker, Edwin H., assignor.)
- Wirz Müller, Anton, assignor to Bayerische Aktiengesellschaft für Chemische & Landwirtschaftlich Chemische Fabrikate, Heufeld, Oberbayern, Germany. Preparing active bleaching clays. 2,018,987; Oct. 29.
- Wisbrun, Walter, Düsseldorf, Germany. Foot support. 1,997,504; Apr. 9.
- Wisconsin Alumni Research Foundation. (See Bennett, Edward, assignor.)
- Wisconsin Cuneo Press, Inc. (See Wilke, Herman, assignor.)
- Wisconsin Shoe Company. (See Ehrmann, Eugene, assignor.)
- Wise, Clarence R., Roselle, and D. F. Edwards, Elizabeth, N. J., assignors to Standard Oil Development Company. Preparing resins. 2,018,771; Oct. 29.

- Wise, Edmund M., Westfield, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Platinum metal amino cyanide plating bath and process for electrodeposition of platinum metal therefrom. 1,991,995; Feb. 19.
- Wise, J. H., Protection Company. (See Rogers, Donald P., assignor.)
- Wise, Karl M., Buffalo, N. Y., assignor to The White Motor Company, Cleveland, Ohio. Motor vehicle. 2,003,164; May 28.
- Wise, Raleigh J., Plainfield, N. J., and J. Schmid, New York, assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph system. 2,016,261; Oct. 1.
- Wise, Raymond O., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Push-pull amplifier. 1,998,479; Apr. 23.
- Wise, Robert W. (See Begun, A., and Wise.)
- Wise, William S., Hartford, Conn. Apparatus for removing fibrous material from liquids. 1,995,829; Mar. 26.
- Wiseman, Adolph D., San Francisco, Calif. Dental tool. 2,017,881; Oct. 22.
- Wiseman, John F., Dorchester, Mass. Device for spraying an antifreeze solution onto windshields. 2,001,338; May 14.
- Wiseman, Maurice. (See Roberts, Herbert, assignor.)
- Wiser, Douglas R. (See Campbell, D. G., and Wiser.)
- Wishart, George R. (See Chubbuck, L. B., Wishart and Jeppesen.)
- Wisner, Linwood, Audubon, N. J., assignor to L. H. A., and E. Wolf, doing business as National Metal Edge Box Company, Philadelphia, Pa. Blank cutting and creasing machine. 2,005,064; June 18.
- Wisner, Charles E. (See Arnold, Philip S., assignor.)
- Wisner, Charles E. (See Oswald, Earl P., assignor.)
- Wisner, Charles E. (See Stoker, Albert B., assignor.)
- Wisner, Clarence B., Orange, N. J., assignor to Coal Process Corporation, Dover, Del. Thermal pretreatment of volatile coals for carbonizing and coking processes. 1,993,198; Mar. 5.
- Wisner, Clarence B., Orange, N. J., assignor to Coal Process Corporation, Dover, Del. Carbonizing apparatus. 1,993,199; Mar. 5.
- Wisner, Josiah B., Camden, N. J. Device for handling live electric wires. 2,017,363; Oct. 15.
- Wissler, William A., Flushing, N. Y., assignor to Haynes Stellite Company. Surface hardening metal articles. 2,002,198; May 21.
- Wissler, William A., Jackson Heights, N. Y., assignor to Haynes Stellite Company. Mounting alloy dies. 2,025,368; Dec. 24.
- Wissler, William A., and W. B. Miller, Niagara Falls, N. Y., assignors to Haynes Stellite Company. Composite welding rod for hard facing. 2,024,992; Dec. 17.
- Wissmann, Kurt, Mulheim-Ruhr-Speldorf, assignor to Demag Aktiengesellschaft, Duisburg, Germany. Control for excavators. 1,988,862; Jan. 22.
- Wiswall, William J., Oakland, Calif., assignor, by mesne assignments, to American Sales Book Company, Limited, Toronto, Ontario, Canada. Manifolding device. 1,995,953; Mar. 26.
- Wiswell, Ozro N. (See Allen, S. E., and Wiswell.)
- Wiswell, Ozro N., Los Angeles, Calif., assignor, by mesne assignments, to C-O-Two Fire Equipment Company, Newark, N. J. Device for releasing fluid from a container. 1,993,638; Mar. 5.
- Wiswell, Ozro N., Los Angeles, Calif., assignor to C-O-Two Fire Equipment Company, Newark, N. J. Device for releasing fluid from a container. 1,993,639; Mar. 5.
- Wiswell, Ozro N., assignor to Swingspout Measure Company, Los Angeles, Calif. Device for opening sealed containers. 1,994,157; Mar. 12.
- Wiswell, Ozro N., assignor to Swingspout Measure Company, Los Angeles, Calif. Device for opening sealed containers. 1,994,158; Mar. 12.
- Wiswell, Ozro N., assignor to Swingspout Measure Company, Los Angeles, Calif. Dispenser. 2,013,328; Sept. 3.
- Witbeck, Lorenzo G., Albany, N. Y. Safety device. 2,007,066; July 2.
- Witchger, Eugene J. (See Buck, F., and Witchger.)
- Witchger, Eugene J., assignor to the Lufkin Rule Company, Saginaw, Mich. Tape measure. 1,987,652; Jan. 15.
- Witchger, Eugene J., assignor to The Lufkin Rule Company, Saginaw, Mich. Attachment for measuring tapes. 2,005,850; June 25.
- Witcoff, Edward, University City, Mo. Advertising display stand. 2,016,473; Oct. 8.
- Witham, George S., Jr. (See Adams, F. W., and Witham.)
- Witham, George S., Jr., Lincoln, N. H. Hydration of pulp. 2,000,268; May 7.
- Witham, George S., Jr., Lincoln, N. H. Method and apparatus for determining, recording, and controlling the density, consistency, or specific gravity of fluent materials. 2,017,225; Oct. 15.
- Withee, Joseph A., assignor of one-half to G. J. Hines, Kansas City, Mo. Treating asphalt. 1,986,871; Jan. 8.
- Witherow, Harry M. (See Stark, J. H., and Witherow.)
- Witherspoon, William O. (See Moroney, C. J., and Witherspoon.)
- Witmer, Harold G., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,001,047; May 14.
- Witmer, Harold G., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,019,167; Oct. 29.
- Witon, Arthur L., Evanston, assignor to Chicago Mill and Lumber Company, Chicago, Ill. Collapsible box. 2,014,543; Sept. 17.
- Witt, Albert J., Carmel, Saskatchewan, Canada. Grain regulating device for grain binders. 1,998,480; Apr. 23.
- Witt, Irwin H., Evanston, Ill. Stopping gas flow through pipes. 2,002,383; May 21.
- Witt, Otto A., Milwaukee, Wis. Brush. 2,024,413; Dec. 17.
- Witt, Paul, Potsdam, assignor to Deutsche Gold- und Silberscheideanstalt, Frankfurt-on-the-Main, Germany. Holder for dental instruments. 2,010,210; Aug. 6.
- Witicoff, Edward, St. Louis, Mo. Universal seat pad. 1,997,027; Apr. 9.
- Witicoff, Edward, University City, assignor to Caradine Hat Company, St. Louis, Mo. Headwear. 1,988,101; Jan. 15.
- Witte, Alfred, Leipzig, Germany, assignor, by mesne assignments, to Norma-Hoffman Bearings Corporation, Stamford, Conn. Roller bearing. 2,008,378; July 16.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Gate construction for motion picture machines. 1,997,328; Apr. 9.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture film machine. 2,005,404; June 18.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic film cartridge and spool for use therein. 2,005,405; June 18.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Control arrangement for a motion picture camera. 2,011,350; Aug. 13.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture pull-down. 2,011,602; Aug. 20.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Easily threaded film moving assembly. 2,017,138; Oct. 15.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Tripod leg construction. 2,019,753; Nov. 5.
- Wittmann, Rudolph W., Brooklyn, N. Y. Nonfreezing pressure reducing regulator. 1,988,289; Jan. 15.
- Wittenberg, Lester, New Rochelle, assignor to The Barrett Company, New York, N. Y. Curing concrete. 1,992,110; Feb. 19.
- Wittenberg, Otto and E. Harsanyi, Budapest, Hungary. Internal combustion motor. 2,016,734; Oct. 8.
- Witter, Lawrie L., Jamaica Plain, Mass. Cigarette dispenser. 1,986,658; Jan. 1.
- Witter, Lawrie L., Jamaica Plain, Mass. Liquid dispensing device. 1,996,944; Apr. 9.
- Witthuhn, Frank, Cleveland, Ohio. Adjustable plant stand. 2,003,986; June 4.
- Wittig, Carl H. O., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Telescope goggles. 2,024,322; Dec. 17.
- Wittig, Rudolf R. B. (See Fulda, W., Wiedbrauck and Wittig.)
- Wittkowski, Hermann. (See Hinrichs, W. J. H., and Wittkowski.)
- Wittkuhn, Bruno A. (See Sperry, E. A., Jr., and Wittkuhn.)
- Wittkuhn, Bruno A., Chatham, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Positional control of heavy objects. 1,999,645; Apr. 30.
- Wittkuhn, Bruno A., Summit, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Light or ray controlled follow-up system. 1,999,646; Apr. 30.
- Wittkuhn, Bruno A., Summit, and H. H. Thompson, Mountain Lakes, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro compass. 1,998,948; Apr. 23.
- Wittliff, Theodore H., Cleveland, Ohio. Furniture brace. 1,993,578; Mar. 5.
- Wittmann, Marie, New York, N. Y. Doll. 2,007,784; July 9.
- Wittmann, Marie, New York, N. Y. Doll. 2,012,060; Aug. 20.
- Wittmann, Robert A., and R. G. Guthrie, assignors to Peoples Gas By-Products Corporation, Chicago, Ill. Air conditioner. 1,992,340; Feb. 26.
- Wittmer, Russell J., Cleveland Heights, and T. Zintmaster, East Cleveland, assignors to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupler. 1,990,887; Feb. 12.
- Wittmers, Otto. (See Breddin, P., and Wittmers.)
- Wittorf, Hans, Erfde, Germany. Loud speaker device. 1,994,297; Mar. 12.
- Witts, Alfred T., Surrey, England, assignor to Radio Corporation of America. Band pass tuner. 2,012,030; Aug. 20.
- Witzel, Ernst. (See Young, F. M., and Witzel.)
- Witzel, Ernst, assignor to Young Radiator Company, Racine, Wis. Centrifugal fan. 2,015,210; Sept. 24.
- Witzel, Ernst, assignor to Young Radiator Company, Racine, Wis. Portable electric prewarmer for airship engines. 2,015,982; Oct. 1.

- Witzel, Heinrich W., Ingram, Pa., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Metal polish. 1,997,989; Apr. 16.
- Witzel, Henry H., Mitchell, S. Dak. Wire-stretcher. 2,012,212; Aug. 20.
- Wobensmith, James C., Philadelphia, Pa. Safety device for motion picture projectors. 1,994,059; Mar. 12.
- Wocher, Max, & Son Company, The. (See Ries, Elmer R., assignor.)
- Wochinger, Eduard. (See Hoeft, R., and Wochinger.)
- Wodehouse, James A. H., Hawi, Hawaii. Cane mill roll. 1,996,394; Apr. 2.
- Wodell, William W. (See Hodgkin, E. E., Wodell, and Lange.)
- Woelbing, George H. (See Ruth, J. P., and Woelbing.)
- Woelfel, George F., Madison, assignor to The Commercial Cleaning Corporation, Jacksonville, Fla. Refrigerating apparatus. 2,018,589; Oct. 22.
- Woerner, Henry, Jr., Flushing, N. Y., assignor to Robert Gair Company, Inc., New York, N. Y. Crate carton. 1,997,667; Apr. 16.
- Woernley, Henry F., deceased, by T. R. Woernley, executor, Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Train pipe coupling. 2,004,644; June 11.
- Woernley, Henry F., deceased, late of Wilkinsburg, Pa., by T. R. Woernley, executor, Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic train pipe coupling. 2,009,830; July 30.
- Woernley, Theodore R., executor. (See Woernley, Henry F.)
- Woerner, John, assignor to The Cincinnati Soap Company, Cincinnati, Ohio. Soap frame stripper. 2,020,755; Nov. 12.
- Woge, Conrad, Billings, N. Y. Game and toy. 2,021,472; Nov. 19.
- Wögerbauer, Hans, Vienna, Austria. Manufacturing a stable dry leavenous agent for baking purposes. 2,023,500; Dec. 10.
- Wohlbieter, Joseph W., East Orange, N. J., assignor to Keystone Stamping Corporation. Mopstick head. 2,012,701; Aug. 27.
- Wohlnick, Hans, assignor to Schloemann Aktiengesellschaft, Düsseldorf, Germany. Push bench. 1,997,094; Apr. 9.
- Wohlwill, Max. (See von Girssewald, Conway B., Sleske, and Wohlwill.)
- Wohrley, Jay R. (See Boyd, D. T., and Wohrley.)
- Wohrman, Carl R. E., assignor to General Plate Company, Attleboro, Mass. Thermostatic metal. 1,991,438; Feb. 19.
- Woina, Benjamin A., and J. H. Murray; said Woina assignor of one-tenth of his interest to J. R. Gibson, Detroit, Mich. Key case. 1,998,799; Apr. 23.
- Wojowski, Nellie. (See Czarnecki, Walter V., Jr.)
- Wokosin, Louis W., Oshkosh, Wis. Extension table. 2,018,430; Oct. 22.
- Wokosin, Louis W., Oshkosh, Wis., assignor to The Dearborn Company, Chicago, Ill. Table. 2,016,353; Oct. 8.
- Wolarsky, Isidore, Mount Vernon, N. Y. Fixture hanger. 2,000,545; May 7.
- Wolbers, August B., Pittsburgh, Pa. Heat utilizing covering for stove pipes. 1,988,642; Jan. 22.
- Wolcott, Edson R., Los Angeles, Calif. Method and apparatus for printing picture strips. 2,013,738; Sept. 10.
- Wolcott, Frank E., West Hartford, Conn., assignor to Hartford Products Corporation. Beverage pot or the like. 2,004,883; June 11.
- Wolcott, Frank E., West Hartford, Conn., assignor to The Silex Company. Coffee maker. 2,015,983; Oct. 1.
- Wolcott, Herbert W., Jackson, Mich. Plant container. 1,994,553; Mar. 19.
- Wold, Carl O., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 1,986,173; Jan. 1.
- Wold, Carl O., Minneapolis, Minn., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 1,999,226; Apr. 30.
- Wold, Carl O., Minneapolis, Minn., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 2,015,880; Oct. 1.
- Wolf, August M., Plainfield, N. J., assignor to Motor Jack Corporation, New York, N. Y. Jacking apparatus for automotive vehicles. 2,001,860; May 21.
- Wolf, Austin M. (See Gutmann, J., Jr., and Wolf.)
- Wolf, Bertram. (See Jacobi, C., and Wolf.)
- Wolf, Clement W. (See Jackson, J. G., and Wolf.)
- Wolf, Eduard J., Hamburg, Germany. Physiologically balanced salt mixture. 1,998,179; Apr. 16.
- Wolf, Elias et al. (See Walz, Charles F., assignor.)
- Wolf, Elias et al. (See Wolf, Elias, assignor.)
- Wolf, Elias, Elkins Park, assignor to L. H. A., and E. Wolf, copartners trading as National Metal Edge Box Company, Philadelphia, Pa. Box. 2,004,358; June 11.
- Wolf, Emil, Budapest, assignor to the firm Chinoil Gyögyeszer-és Vegyszeri Termékek Gyára R. T. Dr. Kereszty & Dr. Wolf, Ujpest, Hungary. The production of hydrogenated benzo-iso-tetrazoles. 2,008,536; July 16.
- Wolf, Eugene G., assignor to Landis Machine Company, St. Louis, Mo. Stitching machine. 1,999,677; Apr. 30.
- Wolf, Eugene G., assignor to Landis Machine Company, St. Louis, Mo. Shoe stitching mechanism. 1,999,678; Apr. 30.
- Wolf, Eugene G., assignor to Landis Machine Company, St. Louis, Mo. Shoe stitcher. 1,999,679; Apr. 30.
- Wolf, Eugene G., assignor to Landis Machine Company, St. Louis, Mo. Shoe stitcher. 1,999,680; Apr. 30.
- Wolf, Frank F., assignor to Oakes & Burger Co., Inc., Cattaraugus, N. Y. Can advancing mechanism. 1,997,710; Apr. 16.
- Wolf, Georg, assignor to firm Georg Wolf, G. m. b. H., Berlin, Germany. Instrument for examining tubes and cavities in the human and other bodies. 1,995,196; Mar. 19.
- Wolf, Georg, G. m. b. H. (See Wolf, Georg, assignor.)
- Wolf, Gregor, Betzdorf/Sieg, Germany. Hand operated cultivator. 2,019,639; Nov. 5.
- Wolf, Hans, and H. Leuchs, Ludwigshafen-on-the-Rhine, and H. Saenger, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of porous building materials. 2,004,545; June 11.
- Wolf, Hans, and H. Leuchs, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Ceramic masses preventing the formation of carbon deposits. 2,020,713; Nov. 12.
- Wolf, Harry R., Ferndale, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Lubricant cooling system. 2,008,164; July 16.
- Wolf, Howard A., et al. (See Walz, Charles F., assignor.)
- Wolf, Howard A., et al. (See Wismer, Linwood, assignor.)
- Wolf, Howard A., et al. (See Wolf, Elias, assignor.)
- Wolf, Jacob J., New Orleans, La. Shadow box. 1,988,765; Jan. 22.
- Wolf, Joe A., Cleveland, Ohio. Fishing line holder. 2,008,482; July 16.
- Wolf, Julius N., Philadelphia, Pa. Hat. 2,010,503; Aug. 6.
- Wolf, Karl. (See Balle, G., Grom, and Wolf.)
- Wolf, Karl. (See Eisenmann, K. Scholz, and Wolf.)
- Wolf, Lester J., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Frequency meter. 2,006,935; July 2.
- Wolf, Louis, et al. (See Walz, Charles F., assignor.)
- Wolf, Louis, et al. (See Wismer, Linwood, assignor.)
- Wolf, Louis, et al. (See Wolf, Elias, assignor.)
- Wolf, Robert E., Milwaukee, Wis. Electric flow meter. 2,018,431; Oct. 22.
- Wolfe, Edgar H. (See Barrett, A. M., and Wolfe.)
- Wolfe, George F., Edgeworth, Pa., assignor to the Dravo Contracting Company. Bin structure. 1,988,184; Jan. 15.
- Wolfe, George M., Buffalo, N. Y. Joint cover. 1,988,029; Jan. 15.
- Wolfe, Gordon W. (See Uhl, W., and Wolfe.)
- Wolfe, Harry H. (See Johnson, G. T., and Wolfe.)
- Wolfe, Henry J. (See Jeffrey, D. C., and Wolfe.)
- Wolfe, Homer H., assignor to Automobile Side-Drive Corporation, Little Rock, Ark. Parking or deparking mechanism. 2,002,132; May 21.
- Wolfe, Rex, Midvale, Ohio. Artificial foot. 1,995,442; Mar. 26.
- Wolfe, Richard C., assignor to California Consolidated Water Company, Los Angeles, Calif. Drip pan for water coolers. 1,986,992; Jan. 8.
- Wolfe, Richard C., assignor to California Consumers Company, Los Angeles, Calif. Ice vending machine. 1,993,234; Mar. 5.
- Wolfe, Richard C., assignor to California Consolidated Water Company, Los Angeles, Calif. Water dispenser stand. 1,993,982; Mar. 12.
- Wolfe, Richard C., New York, N. Y. Cap for containers. 2,024,495; Dec. 17.
- Wolfe, Walter G., Greenwood, Mass. Projection. 2,013,845; Sept. 10.
- Wolfe, Walter G., Greenwood, Mass. Telltale system for projection apparatus. 2,021,533; Nov. 19.
- Wolfe, William D., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Amino derivative of hydroxy diphenyls. 2,004,914; June 11.
- Wolfenden, John M., Palatka, Fla. Collapsible crate. 1,987,727; Jan. 15.
- Wolfersperger, John J. (See Walker, R., and Wolfersperger.)
- Wolfert, Edward R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical control system. 2,000,729; May 7.
- Wolf, Arthur J., Hartford, Conn. Forming spectacle frames. 2,003,846; June 4.
- Wolf, Fritz, assignor to Vomag-Betriebs-A.-G., Plauen, Germany. Four-cylinder offset rotary machine. 2,014,218; Sept. 10.
- Wolf, Fritz, Berlin-Pankow, assignor to Schering-Kahlbaum A. G., Berlin, Germany. Seed disinfectant. 2,021,277; Nov. 19.
- Wolf, Georg, assignor to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie G. m. b. H., Munich, Germany. Apparatus for chemically cleaning fabrics, textiles, garments, and the like. 1,986,548; Jan. 1.
- Wolf, George. (See McCarthy, W., and Wolff.)
- Wolff, George, Wheaton, Ill. Wheel suspension. 1,993,080; Mar. 5.
- Wolff, Hans. (See Schröter, K., and Wolff.)
- Wolff, Hans. (See Schröter, K., Agte, Moers, and Wolff.)
- Wolff, Harry S., New Rochelle, and E. U. Cave, assignors to Initiator Corporation, New York, N. Y. Marking machine. 1,987,429; Jan. 8.

- Wolff, Hendrik, Voorburg, Netherlands. Illuminated sign for day and night display. 1,998,857; Apr. 23.
- Wolff, Henry N. (See Sandfort, Mark, assignor.)
- Wolff, Hugo. (See Honold, B., and Wolff.)
- Wolff, Hugo, Mannheim, and W. Mieg, Opladen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the dibenzanthrone series. 2,012,558; Aug. 27.
- Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Electrical network. 2,017,192; Oct. 15.
- Wolff, Dr. jur Robert. (See Eibert, Fritz, assignor.)
- Wolff, L. G., et al. (See Timberlake, Journey F., assignor.)
- Wolff, Louis B., Bronx, N. Y. Clothesline attachment with indoor swinging arm. 1,990,888; Feb. 12.
- Wolff, Max H., Chicago, Ill. Apparatus for treating exhaust gases. 1,986,659; Jan. 1.
- Wolff, Werner. (See Reppe, W., and Wolff.)
- Wolffenstein, Walter. (See Pieper, E., and Wolffenstein.)
- Wolffgram, Robert F., Sturgeon Bay, Wis. Grain divider. 2,009,755; July 30.
- Wolfgang, Joseph, Dundas, Wis. Beet slicer. 2,017,559; Oct. 15.
- Wolford, Charles C. (See Suelflow, A. G., and Wolford.)
- Wolfram, Jack F., and H. S. Currier, Lansing, assignors to General Motors Corporation, Detroit, Mich. Engine mounting. 2,022,099; Nov. 26.
- Wolfson, Isadore D., New York, N. Y. Combined label and tie holder. 2,006,427; July 2.
- Wolfson, Mack, Malden, Mass. Fire plug shield. 1,999,920; Apr. 30.
- Wolfson, Morris, Brooklyn, N. Y. Bookbinding. 2,004,482; June 11.
- Wolkenhauer, Gustav, Chicago, Ill. Display device. 2,026,201; Dec. 31.
- Wolkoff, John, Newark, N. J. Adjusting device. 1,995,789; Mar. 26.
- Wolkow, Isaac L., Louisville, Ky. Handle. 2,022,449; Nov. 26.
- Wollaston, Walter, North Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Synthetic resin product and process. 2,019,591; Nov. 5.
- Wollensak, Andrew, assignor to Wollensak Optical Company, Rochester, N. Y. Adjustable lens mount. 2,000,811; May 7.
- Wollensak, Andrew, assignor to Wollensak Optical Company, Rochester, N. Y. Field glasses. 2,024,018; Dec. 10.
- Wollensak Optical Company. (See Wollensak, Andrew, assignor.)
- Wollitz, Alfred E. (See Patterson, Robert N., assignor.)
- Wollner, Herbert J., Westport, Conn., assignor to General Chemical Company, New York, N. Y. Purification of oils. 1,992,979; Mar. 5.
- Wollner, Herbert J., Brooklyn, N. Y., and G. E. Taylor, Westfield, N. J., assignors to General Chemical Company, New York, N. Y. Adsorbent. 2,010,655; Aug. 6.
- Wollner, Michel and F. Weber, Kienberg, assignors to Firma Moldaumuhl Bruder Porak, Papier-und Pappfabriken A. G., Kienberg, Bohemia, Czechoslovakia. Fastening for packages. 2,017,173; Oct. 15.
- Wolters, Carl F., Buffalo, and E. G. Laver, Kenmore, assignors to Remington Rand Inc., Buffalo, N. Y. Card index cabinet. 1,999,162; Apr. 23.
- Wolters, William H., St. Paul, Minn. Fuel oil filter. 1,991,644; Feb. 19.
- Woltmann, Ernst, New York, N. Y. Electric welding device. 1,994,554; Mar. 19.
- Wolverine Supply and Manufacturing Company. (See Goriup, Frank J., assignor.)
- Wonder Motor Wheel Company Limited, The. (See McNamara, Russell E., assignor.)
- Wondra, Frank A., Scotia, N. Y. Combustion turbine. 1,991,717; Feb. 19.
- Wondries, Charles H. (See Hughes, J. R., and Wondries.)
- Wooch, Herbert J., assignor to Super Mold Corporation, Lodi, Calif. Circulating system for retreading mold pressure bags. 2,003,566; June 4.
- Wooch, Herbert J., assignor to Super Mold Corporation, Lodi, Calif. Circulating hot water through the pressure bags of the retreading molds. 2,003,567; June 4.
- Wooch, Herbert J., assignor to Super Mold Corporation, Lodi, Calif. Applying tread rubber to tires. 2,009,599; July 30.
- Wooch, Herbert J., assignor to Super Mold Corporation, Lodi, Calif. Machine for applying tread rubber to tires. 2,009,643; July 30.
- Wooch, Herbert J., and E. A. Glynn, assignors to Super Mold Corporation, Lodi, Calif. Method of and apparatus for die casting. 1,989,438; Jan. 29.
- Wooch, Walter R. J., Auburn, Calif. Mineral separator. 2,001,765; May 21.
- Wood, Adelbert C., Sr. (See Flagg, R. C., and Wood.)
- Wood, Alexander. (See Nutt, W. C., and Wood.)
- Wood, Alexander P., Schenectady, N. Y., assignor to General Electric Company. Bearing bracket. 2,012,844; Aug. 27.
- Wood, Alfred R., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Eyelet sewing machine. 1,991,972; Feb. 19.
- Wood, Alfred R., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 1,999,986; Apr. 30.
- Wood, Allen H., Jr., Winchester, assignor to C. M. Kimball Co., Everett, Mass. Applicator for liquids. 2,002,598; May 28.
- Wood, Andrew McG., Miri, Sarawak, assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Cracking process. 2,021,761; Nov. 19.
- Wood Briquettes, Inc. (See Bowling, Robert T., assignor.)
- Wood, C. D., Electric Co. Inc. (See Kulka, Eugene R., assignor.)
- Wood, C. M. Dwight, Howell, Mich. Automatically closing receptacle. 1,995,372; Mar. 26.
- Wood, Cecil R., Green Mountain Falls, Colo. Temperature alarm device. 2,015,984; Oct. 1.
- Wood, Clarence G., Cleveland Heights, Ohio. Clutch plate. 1,990,683; Feb. 12.
- Wood, Clyde W., Stockton, Calif. Road material mixing machine. 1,997,959; Apr. 16.
- Wood Conversion Company. (See Frost, Orcutt W., assignor.)
- Wood Conversion Company, The. (See Spafford, Allen L., assignor.)
- Wood, Donald L., assignor to Eastman Kodak Company, Rochester, N. Y. Camera view finder. 1,987,041; Jan. 8.
- Wood, Edward, Hamilton, Ontario, Canada. Antiglare device for automobile headlights. 1,985,966; Jan. 1.
- Wood, Frank L., Lynden, Wash. Syringe. 2,002,024; May 21.
- Wood, Franklin W., San Diego, Calif. Chicken steak machine. 1,991,439; Feb. 19.
- Wood, Fred E., Glen Ellyn, Ill. Gas-time meter. 2,000,655; May 7.
- Wood, Frederick P., assignor to Simplex Paper Corporation, Adrian, Mich. Packing apparatus. 2,008,054; July 16.
- Wood, Gar, Industries, Inc. (See Barrett, Edward R., assignor.)
- Wood, George P., Peekskill, N. Y. Bucket cover. 2,025,429; Dec. 24.
- Wood, George R., Toronto, Ontario, Canada, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Coin scale. 2,000,156; May 7.
- Wood, George R., Toronto, Ontario, Canada, assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Meat-tenderer. 2,007,464; July 9.
- Wood, Glenn D., assignor to Posture Research Corporation, Elkhart, Ind. Chair. 2,018,825; Oct. 29.
- Wood, Gordon H., Worcester, assignor to The Felters Company, Boston, Mass. Tennis ball. 1,991,534; Feb. 19.
- Wood, Harold P., Newton, Mass., assignor to Inkset Products Inc. Radiation device. 2,016,474; Oct. 8.
- Wood, Harry S., London, England. Drying apparatus. 2,020,392; Nov. 12.
- Wood, Henry A., Berkeley, Calif. Method of and machine for altering a steel rope. 2,019,519; Nov. 5.
- Wood, Henry A., Berkeley, Calif. Joining individual wires in two ropes to make a single rope. 2,019,520; Nov. 5.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Ink feed. 1,986,466; Jan. 1.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Cutting cushion for folding cylinders. 1,986,457; Jan. 1.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Rotary printing machine. 1,991,716; Feb. 19.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web printing press. 1,993,537; Mar. 5.
- Wood, Henry A. W., assignor to The Wood Newspaper Machinery Corporation, New York, N. Y. Printing press. 1,993,538; Mar. 5.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Holding the front edge of a paper roll. 1,996,497; Apr. 2.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Roll handling mechanism. 2,000,809; May 7.
- Wood, Henry A. W., New York, N. Y., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Preparing electrolyte plates. 2,000,810; May 7.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Folder. 2,003,568; June 4.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Tension controlling means. 2,003,569; June 4.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Printing press. 2,003,639; June 4.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Apparatus for carrying and moving paper rolls. 2,006,664; July 2.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Finishing machine for stereotype printing plates. 2,006,665; July 2.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Side registering mechanism. 2,010,908; Aug. 13.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Form roll drive. 2,014,095; Sept. 10.

- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Form roll drive. 2,017,139; Oct. 15.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Inking mechanism. 2,017,932; Oct. 22.
- Wood, Henry A. W., New York, assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web heating device. 2,018,907; Oct. 29.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Plate locking device. 2,021,974; Nov. 26.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Printing press. 2,025,927; Dec. 31.
- Wood, Henry H., assignor to The Timken Roller Bearing Company, Canton, Ohio. Rolling mill. 2,010,211; Aug. 6.
- Wood, Horace M. (See Hall, H. C., and Wood.)
- Wood, Joseph H., Chicago, Ill. Coating paper. 2,001,339; May 14.
- Wood Hydraulic Hoist & Body Company. (See Barrett, Edward R., assignor.)
- Wood, Irene T., Chicago, Ill. Display apparatus. 2,013,395; Sept. 3.
- Wood, Jarrett B., Tulsa, Okla. Steam boiler. 2,021,823; Nov. 19.
- Wood, John. (See Texier, Peter J., assignor.)
- Wood, John Manufacturing Company. (See Schwartz, Carl K., assignor.)
- Wood, John, Manufacturing Company. (See Woodford, Joseph C., assignor.)
- Wood, John T., Sale, England. Glass feeding device. 2,015,211; Sept. 24.
- Wood, Louis A., assignor to British American Mines Limited, London, England. Recovery of tin from tin ores. 2,011,533; Aug. 13.
- Wood, Maurice L., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Furnace for producing purified metals. 2,001,808; May 21.
- Wood, Morris B., assignor to The Chase-Shawmut Company, Newburyport, Mass. Renewable electric fuse. 1,991,876; Feb. 19.
- Wood, N. P. (See McClure, Jack, assignor.)
- Wood Newspaper Machinery Corporation. (See Isbell, John A., assignor.)
- Wood Newspaper Machinery Corporation. (See Jordhoy, Hans C., assignor.)
- Wood Newspaper Machinery Corporation. (See Roesen, Oscar C., assignor.)
- Wood Newspaper Machinery Corporation. (See Wood, Henry A. W., assignor.)
- Wood Preserving Corporation, The. (See Shipley, Grant B., assignor.)
- Wood, Ralph. (See Dubitsky, S., Adler, Grieshaber, Dearcopp, and Wood.)
- Wood, Raymond E., and R. S. Yoder, assignors to Galvin Manufacturing Corporation, Chicago, Ill. Balancing and filter system for radioreceivers. 2,021,676; Nov. 19.
- Wood, Robert A., Chicago, Ill. Exercising shoe. 1,990,970; Feb. 12.
- Wood, Robert E., Clifton, N. J. Card novelty. 2,009,683; July 30.
- Wood, Robert O., Hamburg, assignor to National Aniline & Chemical Co. Inc., New York, N. Y. Production of basic aluminum sulphate. 1,986,091; Jan. 1.
- Wood, Robert O., Hamburg, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Rotary drum drier. 1,989,255; Jan. 29.
- Wood, Robert T., Cleveland, Ohio, assignor, by mesne assignments, to Magnesium Development Corporation. Alloy. 2,000,115; May 7.
- Wood, Robert T., Cleveland, Ohio, assignor by mesne assignments to Magnesium Development Corporation. Magnesium base alloy. 2,006,565; July 2.
- Wood, Samuel A., assignor to Oxford Filing Supply Co., Brooklyn, N. Y. Antifriction device. 1,995,728; Mar. 26.
- Wood, Straud K., B. L. Eales, and L. V. De Witt, Hutchinson, Kans. Light for gasoline dispensing nozzles. 2,005,251; June 18.
- Wood, Sydney M., Lake Bluff, Ill. Jetty. 2,000,312; May 7.
- Wood, Sydney M., Lake Bluff, Ill., and H. A. Schmitt, Milwaukee, Wis. Jetty. 2,000,311; May 7.
- Wood, Vera L., et al., trustees. (See Coppus, Frans H. C., assignor.)
- Wood, Wallace H. (See Flygare, C. G., and Wood.)
- Wood, Wilfred R., London, England, assignor to International Combustion Engineering Corporation, New York, N. Y. Sunbheater support. 2,015,328; Sept. 24.
- Wood, William G., assignor to American Woodlite Corporation, San Francisco, Calif. Reflector. 2,014,012; Sept. 10.
- Wood, William H., Euclid, O. C. Trautman, Parma, and W. E. Bennishoff, Lakewood, assignors to Ira Crouse, Conneaut, Ohio. Electric heating and conditioning apparatus and method. 2,019,555; Nov. 5.
- Wood, William R. (See Bottoms, R. R., and Wood.)
- Wood, William W., New York, N. Y., assignor to Visomatic Systems, Inc. Film magazine for picture projectors. 1,996,782; Apr. 9.
- Wood, William W., New York, and F. W. Lutz, Floral Park, N. Y., assignors to Visomatic Systems, Inc. Method and apparatus for utilizing vibrations. 1,987,544; Jan. 8.
- Wood, Wyatt S., Bloomfield and G. W. Janson, Nutley, N. J., and E. A. Demonet, Brooklyn, N. Y., assignors to The Western Union Telegraph Company, New York, N. Y. Switchboard. 2,009,978; July 30.
- Woodall-Duckham (1920) Limited. (See McEwan, James H., assignor.)
- Woodall, Herbert J., assignor to Woodall Industries Incorporated, Detroit, Mich. Automobile interior trim panel. 1,989,779; Feb. 5.
- Woodall, Herbert J., assignor to Woodall Industries Incorporated, Detroit, Mich. Trim panel and fabricating same. 1,999,383; Apr. 30.
- Woodall, Herbert J., assignor to Woodall Industries Incorporated, Detroit, Mich. Laminated panel and manufacturing same. 1,999,384; Apr. 30.
- Woodall, Herbert J., assignor to Woodall Industries Incorporated, Detroit, Mich. Automobile trim panel. 1,999,385; Apr. 30.
- Woodall Industries Incorporated. (See Randall, Meredith S., assignor.)
- Woodall Industries Incorporated. (See Smith, Alfred J., assignor.)
- Woodall Industries Incorporated. (See Woodall, Herbert J., assignor.)
- Woodall Industries Incorporated. (See Zinser, Paul R., assignor.)
- Woodall Industries Incorporated. (See Zinser, P. R., and Scott, assignors.)
- Woodall, Thomas, Chicago, Ill. Music rack. 2,018,988; Oct. 29.
- Woodard, Randolph A., Palmyra, N. J., assignor to Radio Corporation of America. Cooling system. 1,987,456; Jan. 8.
- Woodard, William E., Forest Hills, N. Y. Locomotive. 1,991,239; Feb. 12.
- Woodard, William E., Forest Hills, N. Y. Transmission and control of power in locomotives and the like. 1,993,983; Mar. 12.
- Woodard, William E., Forest Hills, N. Y. Railway vehicle running gear. 2,020,756; Nov. 12.
- Woodard, William E., Forest Hills, assignor to Franklin Railway Supply Company, New York, N. Y. Railway vehicle journal box construction. 1,992,980; Mar. 5.
- Woodberry, John H., United States Army, Fort Bliss, Tex. Support. 2,003,327; June 4.
- Woodbridge, John P., Newark, Ohio. Ammunition container. 1,991,481; Feb. 19.
- Woodbridge, Joseph L., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Nonspillable vent plug. 1,992,151; Feb. 19.
- Woodbridge, Joseph L., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Storage battery charging system. 2,013,618; Sept. 3.
- Woodburn, Kate. (See Hagedorn, Arthur F., assignor.)
- Woodbury, Clifford A. (See Kirst, W. E., McCoy, and Woodbury.)
- Woodbury, Clifford A. (See Kirst, W. E., and Woodbury.)
- Woodbury, William N., Birmingham, Ala., assignor to Virginia Bridge & Iron Company. Fabricated metal grand stand. 1,986,174; Jan. 1.
- Woodcock, Reginald B., and H. Boothroyd, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Splitting machine. 2,012,293; Aug. 27.
- Wooddell, Charles E., assignor to The Carborundum Company, Niagara Falls, N. Y. Manufacture of open-spaced abrasive fabric. 1,988,065; Jan. 15.
- Wooddell, Charles E., C. S. Nelson, Niagara Falls, and R. Lincoln, Buffalo, N. Y., assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive articles. 2,001,911; May 21.
- Woodford, Broun C., assignor to The Murray Company, Dallas, Tex. Trumper. 1,999,012; Apr. 23.
- Woodford, Joseph C., Haverford, assignor to Service Station Equipment Company, Conshohocken, Pa. Fluid meter. 2,017,825; Oct. 15.
- Woodford, Joseph C., Haverford, assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Liquid dispensing apparatus. 2,020,272; Nov. 5.
- Woodford, Joseph C., Haverford, assignor to Service Station Equipment Company, Conshohocken, Pa. Automobile service equipment. 2,022,630; Nov. 26.
- Woodford, Joseph C., Haverford, assignor to Service Station Equipment Company, Conshohocken, Pa. Fluid meter. 2,022,631; Nov. 26.
- Woodford, Joseph C., Haverford, assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Dial structure. 2,022,632; Nov. 26.
- Woodford, Joseph C., Ardmore, assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Liquid dispensing apparatus. 2,022,629; Nov. 26.
- Woodford, Lois W., New York, assignor to R. W. Callaway, New York, and A. M. Mann, Scarsdale, N. Y., as joint trustees. Staining fibrous bodies. 2,013,329; Sept. 3.
- Woodford, Watson H., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Impregnated paper article. 2,009,465; July 30.
- Woodhead, Daniel. (See Kollath, Francis C., assignor.)
- Woodhead, Daniel. (See Kollath, F. C., and Woodhead.)
- Woodhead, John A., Swarthmore, Pa. Trap. 2,018,880; Oct. 29.

- Woodhouse, George, London, England. Keyboard of musical instruments. 2,019,640; Nov. 5.
- Woodhouse, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of formic acid. 2,001,659; May 14.
- Woodhouse, John C., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Effecting organic vapor phase reactions. 2,003,477; June 4.
- Woodhouse, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of methyl ether. 2,014,408; Sept. 17.
- Woodhouse, John C., Wilmington, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic acids. 2,019,754; Nov. 5.
- Woodhouse, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic acids. 2,025,676; Dec. 24.
- Woodhouse, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic acids. 2,025,677; Dec. 24.
- Woodings, Emanuel, Oakmont, assignor to Woodings-Verona Tool Works, Verona, Pa. Tie-plate and rail fastener. 1,992,341; Feb. 26.
- Woodings, Emanuel, Oakmont, assignor to Woodings-Verona Tool Works, Verona, Pa. Rail fastener. 1,995,020; Mar. 19.
- Woodings-Verona Tool Works. (See Kruse, J. F. W., Dawson and Richardson, assignors.)
- Woodings-Verona Tool Works. (See Woodings, Emanuel, assignor.)
- Woodley, Edward L., Dallas, Tex. Clip. 1,997,894; Apr. 16.
- Woodley, Joseph, assignor to Knapp-Monarch Company, Belleville, Ill. Combination food and liquid jug. 2,017,560; Oct. 15.
- Woodling, George V., Cleveland, Ohio. Stabilizer for vehicles. 2,004,068; June 4.
- Woodman, Albert G., Grand Rapids, Mich. Honey extractor construction. 2,001,997; May 21.
- Woodman, Wilbur E., Lynn, Mass., assignor to Brown Company, Berlin, N. H. Shoe and innersole and making the same. 2,021,163; Nov. 19.
- Woodroffe, Harvey, Philadelphia, Pa., assignor of one-third to J. S. Lowe, and one-third to L. A. Levy, Wilmington, Del. Pipe coupling seal. 2,023,567; Dec. 10.
- Wodruuff, Albert N., Washington, D. C. Clock. 1,990,012; Feb. 5.
- Wodruuff, Alfred H. (See Taylor, W. L., and Wodruuff.)
- Wodruuff, Alvie C., Drewsey, Oreg. Dredge and diving bell. 2,006,037; June 25.
- Wodruuff, Charles S., Van Wert, Ohio. Auxiliary vehicle wheel. 2,014,459; Sept. 17.
- Wodruuff, Graham C., Bronxville, N. Y., assignor to The L. C. L. Corporation. Merchandise container. 2,008,605; July 16.
- Wodruuff, Graham C., Bronxville, N. Y., assignor to The L. C. L. Corporation. Container car and container therefor. 2,010,212; Aug. 6.
- Wodruuff, Graham C., Bronxville, N. Y., assignor to The L. C. L. Corporation. Handling pulverulent or granular material and the like. 2,020,628; Nov. 12.
- Wodruuff, Graham C., Bronxville, N. Y., assignor to The L. C. L. Corporation. Refrigerant bunker for containers. 2,024,082; Dec. 10.
- Wodruuff, Henry S., Schenectady, N. Y., assignor to General Electric Company. Oil furnace boiler. 1,992,794; Feb. 26.
- Wodruuff, Henry S., Schenectady, N. Y., assignor to General Electric Company. Refrigerator evaporator. 2,002,444; May 21.
- Wodruuff, John C., Terre Haute, Ind., assignor, by mesne assignments, to Resinox Corporation, New York, N. Y. Synthetic varnish composition. 2,010,123; Aug. 6.
- Wodruuff, Joseph W., Elizabeth, N. J. High pressure greasing control valve. 2,012,031; Aug. 20.
- Wodruuff, Louis F., Watertown, and E. L. Rose, Cambridge, Mass., said Rose assignor to J. L. Entwistle, Barrington, R. I. Card shuffling and dealing device. 2,016,030; Oct. 1.
- Wodruuff, Morgan L., Rumford, Maine, assignor to Oxford Paper Company, New York, N. Y. Method of and apparatus for drying a continuous web. 2,012,115; Aug. 20.
- Woods, Charles S., Shaker Heights, Ohio. Washing device and method. 2,003,847; June 4.
- Woods, Fred, Richmond, Surrey, England, assignor to Radio Corporation of America. Directional aerial. 1,994,237; Mar. 12.
- Woods, George E., Jr., assignors to Consolidated Gas Company of New York, New York, N. Y. Manhole closure. 2,025,839; Dec. 31.
- Woods, George H., San Diego, Calif. Soil renovator. 2,008,891; July 23.
- Woods, Gorham W., Houston, Tex., assignor, by mesne assignments, to Haynes Stellite Company, Kokomo, Ind. Welding rod. 2,002,462; May 21.
- Woods, Gorham W., assignor to Hughes Tool Company, Houston, Tex. Fluid choke. 2,011,100; Aug. 13.
- Woods, Henry B. (See Evans, S., and Woods.)
- Woods, Henry B., assignor to Hughes Tool Company, Houston, Tex. Flow regulator for plunger lift pumps. 1,993,292; Mar. 5.
- Woods, Howard L. (See Franklin, Wallace C., assignor.)
- Woods-Humphery, George E., Chelsea, London, and H. L. Hall, Streatham, London, England. Sparking plug for internal combustion engines. 2,008,298; July 16.
- Woods, John E. (See Clifford, W. B., and Woods.)
- Woods, Theodore J., Neosho, Mo. Indicator. 2,010,470; Aug. 6.
- Woods, William, Toronto, Ontario, Canada. Foldable table. 2,010,342; Aug. 6.
- Woods, William J., assignor to Corning Glass Works, Corning, N. Y. Method of and apparatus for drawing glass. 2,002,875; May 28.
- Woodside, Elberta R., Chicago, Ill., assignor of three-fourths to C. Winkler, New York, N. Y. Ornament. 1,986,240; Jan. 1.
- Woodside, Elberta Roy, Chicago, Ill. Combined hat and shopping bag. 2,007,235; July 9.
- Woodsome, John O., Detroit, Mich. Paper drying process and apparatus. 2,000,546; May 7.
- Woodson, James C., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric furnace. 2,024,714; Dec. 17.
- Woodstock, Willard H. (See Adler, H., and Woodstock.)
- Woodward, Alva W., Kent, Ohio, assignor, by mesne assignments, to Wingfoot Corporation, Wilmington, Del. Disk brake. 2,014,348; Sept. 10.
- Woodward, Arthur H., Winnetka, Ill. Combination lock. 1,989,780; Feb. 5.
- Woodward, Arthur H., Winnetka, Ill. Sleeping car. 2,000,547; May 7.
- Woodward, Arthur H., Winnetka, Ill. Sleeping car. 2,000,548; May 7.
- Woodward, Arthur H., Winnetka, Ill. Sleeping car. 2,000,549; May 7.
- Woodward, Arthur H., Winnetka, Ill. Sleeping car. 2,000,550; May 7.
- Woodward, Arthur H., Winnetka, Ill. Sleeping car. 2,000,551; May 7.
- Woodward, Carol, et al. (See VanMuffling, Adrian, assignor.)
- Woodward, Cornelius B., and R. B. Keefe, Chicago, and E. W. Colat, Glen Ellyn, assignors to Armour and Company, Chicago, Ill. Distributing solids. 1,991,645; Feb. 19.
- Woodward, Cornelius B., and R. B. Keefe, Chicago, and E. W. Colat, Glen Ellyn, assignors to Armour and Company, Chicago, Ill. Apparatus for distributing solids. 1,994,263; Mar. 12.
- Woodward, Frank E., Rochester, N. Y. Automatic gear shift mechanism. 2,025,430; Dec. 24.
- Woodward Governor Company. (See Kalin, Albert, assignor.)
- Woodward, Hermon H., Troy, and A. H. Wright, Albany, assignors to Hall, Hartwell & Co., Inc., Troy, N. Y. Cuff machine. 1,993,640; Mar. 5.
- Woodward, Joseph D. (See Carleton, P. W., and Woodward.)
- Woodward, Oswin C., Plainville, assignor to H. E. Sweet, doing business as R. F. Simmons Company, Attleboro, Mass. Clasp for articles of jewelry and the like. 2,009,244; July 23.
- Woodward, Stewart M., Richmond, Va. Weighing scale. 2,022,753; Dec. 3.
- Woodward, William H., Detroit, Mich. Circular saw machine. 1,988,102; Jan. 15.
- Woodward, William H., Detroit, Mich. Extractor. 1,988,468; Jan. 22.
- Woodworth, John L., Schenectady, N. Y., assignor to General Electric Company. Selective system. 1,995,877; Mar. 26.
- Woodworth, John L., Schenectady, N. Y., assignor to General Electric Company. Supervisory indication of carrier current transmitter. 2,006,975; July 2.
- Woodworth, Roy V., assignor to Progressive Service Company, St. Louis, Mo. Gauge for ornamenting dies. 2,014,603; Sept. 17.
- Woodworth, Roy V., assignor to Progressive Service Company, St. Louis, Mo. Ornamenting die. 2,014,604; Sept. 17.
- Woodworth, Spencer J., Detroit, Mich. Bottling and capping device. 1,995,373; Mar. 26.
- Woody, Paul O., Clearfield, Utah. Tool and accessory container. 2,005,285; June 18.
- Woolard, Herbert, Clarksburg, W. Va., assignor to Rock-ola Mfg. Co., Chicago, Ill. Amusement apparatus. 1,995,137; Mar. 19.
- Woolcock, James W., Mannheim-Kaefertal, Germany, assignor to Imperial Chemical Industries Limited. Production of ketones. 2,015,094; Sept. 24.
- Woolens, Leroy E., Decatur, Ill., assignor to General Spring Bumper Corporation, Detroit, Mich. Polishing machine. 2,013,196; Sept. 3.
- Woolfe, William S., assignor to Franklin Simon & Co., Inc., New York, N. Y. Ensemble dress. Des. 95,102; Apr. 2.
- Woolgar, Robert, Manhattan, Kans. Traction device for vehicle wheels. 2,007,843; July 9.
- Woolli, John H., San Francisco, Calif. Refrigerator for solid CO₂. 1,986,993; Jan. 8.
- Woolley, Clarence M., assignor to American Radiator Company, New York, N. Y. Air conditioning heating cabinet. 2,022,332; Nov. 26.
- Woolley, Clarence M., assignor to American Radiator Company, New York, N. Y. Heating cabinet. 2,022,333; Nov. 26.

- Woolley, Raymond L., Detroit, Mich. Adjustable wrench. 2,018,047; Oct. 22.
- Woolley, William J., Chicago, Ill., assignor to Joseph A. Vogel Company, Wilmington, Del. Antisiphonage device for water closets and like water service systems. 2,004,455; June 11.
- Woolrich, Edward S., Cleveland Heights, Ohio, assignor, by mesne assignments, to Flexume Corporation, Tonawanda, N. Y. Gas discharge tube. 2,020,393; Nov. 12.
- Woolsey, Cora L., Washington, D. C. Article holder. 1,991,306; Feb. 12.
- Woolson, Emma F., executrix. (See Woolson, Lionel M.)
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,986,549; Jan. 1.
- Woolson, Lionel M., deceased, Detroit, by E. F. Woolson, executrix, Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,988,533; Jan. 22.
- Woolson, Lionel M., deceased, Detroit, by E. F. Woolson, executrix, Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,990,153; Feb. 5.
- Woolson, Lionel M., deceased, Detroit, by E. F. Woolson, executrix, Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,006,976; July 2.
- Woolson, Lionel M., deceased, Detroit, by E. F. Woolson, executrix, Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,006,977; July 2.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,009,057; July 23.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,010,171; Aug. 6.
- Woolson, Lionel M., deceased, Detroit, by E. F. Woolson, executrix, Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Servo-mechanism. 2,012,861; Aug. 27.
- Woolworth, F. W., Co. (See Markowitz, Oscar, assignor.)
- Wooster Brush Company, The. (See Hall, Samuel W., assignor.)
- Wooster Products Inc. (See MacNab, O., and Loehr, assignors.)
- Wooten, George R., Fredonia, Kans. Guard. 2,004,026; June 4.
- Wooten, George B., Sudbury, Ontario, Canada. Orthoptic instrument. 2,003,165; May 28.
- Wootton, Harry, Upper Montclair, N. J., assignor to Mono Service Co., Newark, N. J. Paper container. 2,009,539; July 30.
- Worcester, Stanley E., Phoenix, Ariz. Clinch rigging ring. 2,022,837; Dec. 3.
- Worcester Taper Pin Company. (See Hirvonen, Eric, assignor.)
- Worden, William H., Harrisonburg, La. Universal handle for kitchen ware. 1,991,307; Feb. 12.
- Wordingham, Maurice G., Milwaukee, Wis. Collar support. 1,998,151; Apr. 16.
- Worgan, Arthur, Manchester, Conn. Magnetically operated friction clutch. 2,021,534; Nov. 19.
- Worhol, Edward M., Houston, Tex. Artificial tooth. 1,986,175; Jan. 1.
- Work, Ernest W., Toronto, Ontario, Canada. Relief valve. 2,013,372; Sept. 3.
- Workman, Esau, Corcoran, Calif. Internal combustion engine. 2,002,759; May 28.
- Workman, Walter J., Lombard, Ill. Sewing machine. 2,016,354; Oct. 8.
- World Bestos Corporation. (See Brockway, Carl P., assignor.)
- World Bestos Corporation. (See Nanfeldt, William, assignor.)
- Worley, Joseph, Webster Groves, assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Thermostatic switch. 2,022,907; Dec. 3.
- Worms, Jacques, Versailles, France. Bogie for vehicles traveling upon rails. 2,004,845; June 11.
- Wormser, Arthur, Offenbach, near Frankfurt-on-the-Main, Germany. Feeding sheet material. 2,008,165; July 16.
- Wormser, Arthur, Offenbach-on-the-Main, Germany. Sheet feeding device. 2,011,744; Aug. 20.
- Wormser, Arthur, Offenbach, near Frankfurt-on-the-Main, Germany. Feeding sheet material. 2,011,745; Aug. 20.
- Worn, George A., Montclair, N. J., assignor to The Lumsum Company, New York, N. Y. Combined separator and heat exchanger. 2,003,815; June 4.
- Worner, Peter. (See Stokke, H. G., and Worner.)
- Worrall, Robert H., Washington, D. C. Producing color in television. 2,002,515; May 28.
- Worrall, Robert H., Washington, D. C. Apparatus for traffic control. 2,003,328; June 4.
- Worrall, Robert H., Washington, D. C. Humidifying system. 2,004,147; June 11.
- Worrall, Roy R., Webster Groves, Mo., assignor to Alvey Conveyor Manufacturing Company, St. Louis, Mo. Conveyor chain. 2,010,124; Aug. 6.
- Worrall, Roy R., Webster Groves, Mo., assignor to Alvey Conveyor Manufacturing Co. Conveying apparatus for hardening rooms. 2,024,675; Dec. 17.
- Worrell, Willard P., Riverside, and F. E. Gruber, Berwyn, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Composite articles and their manufacture. 1,998,827; Apr. 23.
- Worster, Frank J. (See Clark L. H., and Worster.)
- Worth, Charles E., Indianapolis, Ind. Permanently retained cap for pharmaceutical containers. 2,017,140; Oct. 15.
- Worth Company, The. (See Butterworth, Samuel D., assignor.)
- Worth Company, The. (See Hice, John W., assignor.)
- Worth Company, The. (See Snyder, Clifford L., assignor.)
- Worth, Luella M., and H. E. King, Sidney, assignor of one-sixth to G. E. Hazard, Sidney, and one-sixth to C. L. Hilsinger, Oneonta, N. Y. Oven illuminating device. 2,010,618; Aug. 6.
- Worthen, Clifford T. (See Putnam, G. I., and Worthen.)
- Worthington, Charles C., Dunfield, N. J. Lawn mower. 2,015,740; Oct. 1.
- Worthington, Edgar G., St. Louis County, assignor to International Shoe Company, St. Louis, Mo. Making shoes. 2,022,908; Dec. 3.
- Worthington, Harry L. (See Herscher, Lotte, maiden name Baumann, assignor.)
- Worthington, Harry L. (See White, Lewis E., assignor.)
- Worthington, John T., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Method and apparatus for settling. 2,001,809; May 21.
- Worthington Pump and Machinery Corporation. (See Baer, Alvin H., assignor.)
- Worthington Pump and Machinery Corporation. (See Dorer, Oscar H., assignor.)
- Worthington Pump and Machinery Corporation. (See Feldbush, Harry A., assignor.)
- Worthington Pump and Machinery Corporation. (See Hiller, N. H., and McCabe, assignors.)
- Worthington Pump and Machinery Corporation. (See Hirschberg, Charles A., assignor.)
- Worthington Pump and Machinery Corporation. (See Reisner, Michael, assignor.)
- Worthington Pump and Machinery Corporation. (See Schorer, Otto J., assignor.)
- Worthington Pump and Machinery Corporation. (See Schorle, Herman J., assignor.)
- Worthington Pump and Machinery Corporation. (See Schorle, H. J., and Smith, Jr., assignors.)
- Worthington Pump and Machinery Corporation. (See Smith, William A., Jr., assignor.)
- Worthington Pump and Machinery Corporation. (See Smith, W. A., Jr., and Schorle, assignors.)
- Worthington Pump and Machinery Corporation. (See Southern, John, assignor.)
- Worthington Pump and Machinery Corporation. (See Steven, George, assignor.)
- Worthington, William W., Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Lamp. 1,988,583; Jan. 22.
- Wortmann, Edward F., Jersey City, N. J. Automatic freezing and dispensing apparatus. 2,000,730; May 7.
- Wottring, Le Roy, Lorain, Ohio. Traffic signal controller. 1,998,038; Apr. 16.
- Wottring, Le Roy, Lorain, Ohio. Traffic signal lamp. 2,010,834; Aug. 13.
- Woytych, Raymond M. (See Rutz, W. E., and Woytych.)
- Woytych, Raymond M., assignor to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Carriage support. 2,019,774; Nov. 5.
- Wrathall, Leishman R. (See Legg, V. E., Peterson, and Wrathall.)
- Wray, James A., Los Angeles, Calif. Printing press. 2,017,193; Oct. 15.
- Wray, James R., Cantril, Iowa. Container for holding and displaying automotive vehicle certificates or like. 2,014,641; Sept. 17.
- Wrabetz, Joseph. (See O'Neal, William M., assignor.)
- Wread, Spencer F. (See Wread, William E., assignor.)
- Wread, William E., Los Angeles, assignor to W. H. Fabry, Alhambra, Calif. Article of manufacture. 1,994,976; Mar. 19.
- Wread, William E., Pasadena, assignor to Spencer F. Wread, Los Angeles, Calif. Mechanical door opener and closer for overhead doors. 2,023,909; Dec. 10.
- Wren, Vincent T., Lakeville, Minn. Freight loading and unloading winch for vehicles. 2,016,130; Oct. 1.
- Wren, Vincent T., Lakeville, Minn. Freight loading and unloading device for vehicles. 2,021,952; Nov. 26.
- Wright Aeronautical Corporation. (See Chilton, Roland, assignor.)
- Wright Aeronautical Corporation. (See Hill, Henry C., assignor.)
- Wright, Albert F. J., Walthamstow, England. Automatic screw making machine and the like. 1,997,353; Apr. 9.
- Wright, Alfred M. (See Wright, L. S. and A. M.)
- Wright, Alpha H. (See Woodward, H. H., and Wright.)
- Wright, Carl J. (See Newhouse, George A., assignor.)
- Wright, Cedric, Berkeley, Calif. Photographic apparatus. 2,023,159; Dec. 3.
- Wright, Charles, London, England. Combined cinematograph camera and projector. 1,997,354; Apr. 9.
- Wright, Clifford C. (See Vosler, A. E., Helenbolt, and Wright.)

- Wright, Dallas E., assignor, by mesne assignments, to The National-Superior Company, Toledo, Ohio. Counterweight. 1,994,380; Mar. 12.
- Wright, Daniel K., Cleveland Heights, Ohio, assignor to General Electric Company. Incandescent lamp and similar device. 1,988,290; Jan. 15.
- Wright, Daniel T., Washington, D. C. Artificial refrigeration. 1,994,031; Mar. 12.
- Wright, David C., assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Controller for inductive devices. 2,020,670; Nov. 12.
- Wright, David C., Euclid, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Electric welding control device. 2,023,631; Dec. 10.
- Wright, David C., Euclid, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Electric weld controlling device. 2,024,019; Dec. 10.
- Wright, David M. (See McCoy, G. H., Wright, and Hall.)
- Wright, Donald G., Los Angeles, Calif., assignor to Bendix Brake Company, South Bend, Ind. Anchor brake shoe bolt. 1,994,801; Mar. 19.
- Wright, Edgar J., Williston Park, N. Y. Printing plate and making the same. 2,024,840; Dec. 17.
- Wright, Esmond P. G., G. C. Hartley, and W. J. Reynolds, Aldwych, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 2,025,408; Dec. 24.
- Wright, Eugene F., Dallas, Tex. Game. 1,990,809; Feb. 12.
- Wright, Fred S., Kingsport, Tenn., assignor to General Electric Company. Control system. 1,989,538; Jan. 29.
- Wright, George M., Burford, and S. B. Smith, Gordonville, England, assignors to Radio Corporation of America. Photoelectric cell circuits. 1,995,138; Mar. 19.
- Wright, Gilbert, Granville Center, Mass., assignor of one-half to H. N. Stevenson, Pelham, N. Y. Internal combustion motor. 2,002,230; May 21.
- Wright, Hazelt N., Pennville, Ind. Controller hitch for soil-working implements. 2,022,701; Dec. 3.
- Wright, Henry H., Snyder, assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Preservative. 2,013,739; Sept. 10.
- Wright, Horace C., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Automatic electric sadiron. 2,012,490; Aug. 27.
- Wright, Hugh. (See O'Boyle, Thomas, assignor.)
- Wright, Jesse C. (See Howard, J. H., and Wright.)
- Wright, Jesse C., Los Angeles, assignor to Globe Oil Tools Co., Los Nietos, Calif. Drill. 1,987,886; Jan. 15.
- Wright, Jesse C., Los Angeles, assignor to Globe Oil Tools Co., Los Nietos, Calif. Core catcher. 1,995,336; Mar. 26.
- Wright, Jesse C., Los Angeles, assignor to Globe Oil Tools Company, Los Nietos, Calif. Core catcher. 1,995,337; Mar. 26.
- Wright, Jesse C., Los Angeles, assignor to Globe Oil Tools Company, Los Nietos, Calif. Well drill. 2,022,101; Nov. 26.
- Wright, Jesse C., Los Angeles, and J. B. Ragsdale, Whittier, assignors to Globe Oil Tools Company, Los Nietos, Calif. Well tool construction. 2,012,294; Aug. 27.
- Wright, Jesse C., Los Angeles, and J. B. Ragsdale, Whittier, assignors to Globe Oil Tools Company, Los Nietos, Calif. Core catching means. 2,022,100; Nov. 26.
- Wright, John A., Culver City, Calif. Washing machine. 2,025,840; Dec. 31.
- Wright, John L., Inc. (See Forbes, James B., assignor.)
- Wright, John S. (See Tallant, J. L., and Wright.)
- Wright, Joseph. (See Goodyear, E. F., and Wright.)
- Wright, Leo D., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Evaporator for refrigerators. 2,009,722; July 30.
- Wright, Leonard S. and A. M., Oyster Bay, N. Y. Wheel chair. 2,004,683; June 11.
- Wright, Lester P., Richford, N. Y. Admittance strip ticket. 2,023,829; Dec. 10.
- Wright, Melton H., assignor of one-third to C. Jennings, Tupelo, Miss. Bedside adjustable table. 2,026,011; Dec. 31.
- Wright, Oliver B., Montgomery, Ala. Vibrator motor. 1,999,795; Apr. 30.
- Wright, Orville C., St. Louis, Mo. Fluid pressure control. 2,013,428; Sept. 3.
- Wright, Paul S. (See Morandini, D. M., and Wright.)
- Wright, Percy, Murragh, Mess Holt, Neston, and J. G. Logan, Birkenhead, assignors, by mesne assignments, to Davidson Hospital Bed Company Limited, London, England. Adjustable reclining bed, couch, and the like. 2,026,153; Dec. 31.
- Wright, R. G., & Co. (See Petersen, Thorvald, assignor.)
- Wright, Ralph H., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control for shearing apparatus. 2,003,027; May 28.
- Wright, Richard H., Cleveland Heights, Ohio. Doorcheck. 1,996,602; Apr. 2.
- Wright, Robert A., et al. (See Crary, Palmer H., assignor.)
- Wright, Robert L., Salem, Ohio. Easel back. 1,994,739; Mar. 19.
- Wright, Stephen G. (See Merriam, Charles J., assignor.)
- Wright, Stephen G., Chicago, Ill. Artificially coloring roofing granules. 2,004,682; June 11.
- Wright, Stephen G., Chicago, Ill. Coloring gob. 2,010,619; Aug. 6.
- Wright, Stephen G., Chicago, Ill. Preparing roofing granules. 2,010,620; Aug. 6.
- Wright, Sumner B., South Orange, N. J., assignor to American Telephone and Telegraph Company. Transmission regulation. 2,000,116; May 7.
- Wright, Sumner B., South Orange, and D. Mitchell, Martinsville, N. J., assignors to American Telephone and Telegraph Company. Transmission control. 1,986,492; Jan. 1.
- Wright, T. Eugene. (See Kukielski, Bernard, assignor.)
- Wright, Theodore P. (See Osborn, R. B., and Wright.)
- Wright, Vincent, Alameda, Calif. Apparatus for cooking material. 2,004,775; June 11.
- Wright, Wallace C., Brookfield, N. H., assignor to American Shoe Machinery Corporation, Boston, Mass. Tempering leather soles. 2,005,765; June 25.
- Wright, Walter H. and W. M., Abbotsford, near Sydney, New South Wales, assignors to Interchangeable Knives (Wright) Limited, Sydney, New South Wales, Australia. Clicking knife or die. 1,990,154; Feb. 5.
- Wright, Walter L., assignor to Synchro Corporation, Santa Monica, Calif. Intermittent movement mechanism. 1,990,684; Feb. 12.
- Wright, Walter M. (See Wright, Walter H. and W. M.)
- Wright, Warren O. (See Banfield, F. E., Nutting, and Wright.)
- Wright, Warren O., Freeport, N. Y., assignor to Auto Research Corporation, Wilmington, Del. Lubrication. 2,005,766; June 25.
- Wright, William. (See Lee, Charles S., assignor.)
- Wright, Wilmer L., Scotia, N. Y., assignor to General Electric Company. Synchronizing system for unit-type printing presses. 1,993,579; Mar. 5.
- Wrigley, Henry I., Oak Park, Ill., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Angle cock device. 2,024,901; Dec. 17.
- Wrigley, John H., Worthington, near Wigan, and A. Melville, Standish, near Wigan, assignors, by mesne assignments, to Cluett Peabody & Co. Inc., Troy, N. Y. Treating woven and the like fabrics and yarns. 2,021,975; Nov. 26.
- Wrigley, Wm. Jr., Company. (See Lindsey, John F., assignor.)
- Wroby, Norman W. (See Brown, R. L., and Wroby.)
- Wuenn, Lester. (See Kelly, G. N., and Wuenn.)
- Wuerfel, Robert P., assignor to International Research Corporation, Ann Arbor, Mich. Radioreceiver. 2,017,085; Oct. 15.
- Wuerfel, William, assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Making piston rings. 1,996,603; Apr. 2.
- Wuerfel, William, assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Making piston rings. 2,021,572; Nov. 19.
- Wuert, Alexander J. (See Bishop, O. M., and Wuertz.)
- Wuert, Alexander J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinone-acridone imide compounds and their production. 1,989,904; Feb. 5.
- Wuert, Alexander J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of amines of the benzine series. 1,994,845; Mar. 19.
- Wuert, Alexander J., Carrollville, D. P. Graham, South Milwaukee, and M. A. Perkins, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of aromatic selenium compounds. 1,991,646; Feb. 19.
- Wuert, Alexander J., Carrollville, Wis., and O. M. Bishop, deceased, Wilmington, Del., by Eva P. Bishop, and Wilmington Trust Co., executors, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the dibenzanthrone series. 2,005,574; June 18.
- Wuert, Alexander J., Carrollville, and M. S. Whelen, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Isodibenzanthrone-azole and preparing the same. 2,008,738; July 23.
- Wuert, Alexander J., Carrollville, and M. S. Whelen, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Isodibenzanthrone-selenazole and preparing the same. 2,008,739; July 23.
- Wuert, Alexander J., Carrollville, and W. Dettwyler, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chloro-benzoylamino-anthraquinone. 2,019,837; Nov. 5.
- Wuesthoff, Paul P., St. Louis, Mo. Multiple belt drive. 2,006,614; July 2.
- Wulf, Charles A., Indianapolis, Ind., assignor to The Ceramic Process Company, Beaver Falls, Pa. Apparatus for applying pigments to surfaces. 2,018,989; Oct. 29.
- Wulf, Carl, and E. Roell, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of vinyl-aryl compounds. 1,986,241; Jan. 1.
- Wulf, Carl, Ludwigshafen-on-the-Rhine, F. Moll, Mannheim, and W. Breuers, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Improving lubricating oils. 1,998,350; Apr. 16.

- Wulff, Carl, and E. Roell, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sulphonic acid. 2,004,546; June 11.
- Wulff, Carl, Ludwigshafen-on-the-Rhine, O. Nicodemus, Frankfurt-on-the-Main-Hochst, and M. Treppenhauer, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of acenaphthylene. 2,004,884; June 11.
- Wulff, Carl, and E. Roell, Ludwigshafen-on-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Condensation product of the benzanthrene series. 2,011,789; Aug. 20.
- Wulff, Carl, and W. Breuers, Ludwigshafen-on-Rhine, assignors to I. G. Farbenindustries Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Dehydrogenation of hydrogenated heterocyclic compounds. 2,019,883; Nov. 5.
- Wulff, Carl, and W. Breuers, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Lubricating hydrocarbon product. 2,020,714; Nov. 12.
- Wulff, Otto. (See Nicodemus, O., and Wulff.)
- Wulff Process Company. (See Wulff, Robert G., assignor.)
- Wulff, Robert G., assignor to Wulff Process Company, Los Angeles, Calif. Producing carbides and making acetylene therefrom. 1,996,185; Apr. 2.
- Wulle, William A., and T. E. McDowell, assignors to The Pyle-National Company, Chicago, Ill. Explosionproof flexible fitting. 1,993,984; Mar. 12.
- Wunderberg, Hermann. (See Köpke, L., Wunderberg, Rellensmann, and Koch.)
- Wunderle, Carl, assignor of fifteen per cent to F. A. Hunter, St. Louis, Mo. Solder. 2,025,323; Dec. 24.
- Wunderlich, William E., assignor to The Moore Company, Muncie, Ind. Cushion spring assembly. 2,017,032; Oct. 8.
- Wunsch, Felix, assignor to Leeds & Northrup Company, Philadelphia, Pa. Temperature measuring system. 1,985,967; Jan. 1.
- Wunsch, Felix, assignor to Leeds & Northrup Company, Philadelphia, Pa. Telemetric measuring system. 1,995,594; Mar. 26.
- Wünsch, Guido, Berlin-Steglitz, and W. Möller, Berlin-Zehlendorf, assignors to Askania-Werke Aktiengesellschaft, vormals Centralwerkstatt Dessau and Carl Bamberg Friedenau, Berlin-Friedenau, Germany. Method of and apparatus for automatic aircraft-control. 2,007,515; July 9.
- Wünsch, Guido, Berlin-Steglitz, Germany, assignor to Askania-Werke A. G., vormals Central Werkstatt Dessau and Carl Bamberg-Friedenau. Method of and apparatus for controlling marine boilers. 2,025,629; Dec. 24.
- Wunsch, Harry. (See Wunsch, Joseph W., and H.)
- Wunsch, Joseph W., and H. Wunsch, Brooklyn, N. Y. Pull indicator. 2,025,928; Dec. 31.
- Wunsch, Julius A., New York, N. Y. Recovery of naphthenic acids. 2,003,640; June 4.
- Wünsche, Otto, Berlin, Germany, assignor to General Electric Company. Control system. 2,026,410; Dec. 31.
- Wurbs, Alfred. (See Klopstock, H., and Wurbs.)
- Wurdack, William, Jr., assignor to W. Wurdack Electric Manufacturing Company, St. Louis, Mo. Switch-board construction. 2,017,743; Oct. 15.
- Wurdack, William, Electric Manufacturing Company. (See Wurdack, William, Jr., assignor.)
- Wurlitzer Grand Piano Company. (See Schmidt, Otto, assignor.)
- Wurlitzer, Rudolph, Manufacturing Company, The. (See Walley, Edward P., assignor.)
- Wurlitzer, Rudolph, Manufacturing Company. (See Wilcox, Russell I., assignor.)
- Wurm, Max, Brooklyn, N. Y. Extension slide device. 2,005,213; June 18.
- Wurmser, Alphonse V., Teaneck, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vacuum tube circuit. 1,994,498; Mar. 19.
- Würrst, Otto. (See Hegwein, G., Stockmeyer, Steinhardt, Römmelt, Schmid, and Würrst.)
- Würrst, Walter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Arrangement for multiplex radio-frequency traffic over high potential lines. 2,026,114; Dec. 31.
- Wurster, Oscar H., Chicago, Ill. Apparatus for splitting fats. 2,005,447; June 18.
- Wurth, Louis, assignor to J. C. Walter, Miami, Fla. Aeroplane. 2,007,319; July 9.
- Wurzburg, Reginald, Memphis, Tenn. File case. 1,994,159; Mar. 12.
- Wurzer, Martin. (See Sedgley, R. F., and Wurzer.)
- Wuschke, Emil, et al. (See Maurer, Sam, assignor.)
- Wussow, Ruben F., et al. (See Esterling, William M., assignor.)
- Wyatt, Edward G., Sault Ste. Marie, Ontario, Canada. Hospital bed. 2,009,156; July 23.
- Wyatt, Frank, Birmingham, assignor to George Salter and Company Limited, Staffordshire, England. Weighing appliance. 2,018,048; Oct. 22.
- Wyatt, James R., Camden, N. J., assignor to Ajax Electric Furnace Corporation, Philadelphia, Pa. Tilting device for furnaces. 2,014,349; Sept. 10.
- Wyatt, James W., and J. H. Pollard, assignors to Screen Advertising, Incorporated, Dallas, Tex. Combination doorcheck and display. 2,002,725; May 28.
- Wyckoff, Lute W., Chagrin Falls, Ohio. Correcting ocular defects. 2,024,194; Dec. 17.
- Wyer, John M., Bradmore, assignor of one-half to The Midland Metal Spinning Company Limited, Wolverhampton, England. Spinning metal. 2,022,797; Dec. 3.
- Wyeth, John, & Brother, Incorporated. (See Bird, John C., assignor.)
- Wyeth, Nathaniel, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorber. 1,995,910; Mar. 26.
- Wyld, Reginald G., Hollywood, Pa., assignor, by mesne assignments, to Baldwin-Southwark Corporation. Compressor. 2,008,809; July 23.
- Wyld, Reginald G. Ridley Park, Pa., assignor to Baldwin-Southwark Corporation. Apparatus for compressing gaseous fluids. 2,024,323; Dec. 17.
- Wyller, Joseph A., Allentown, Pa., assignor to Trojan Powder Company. Explosive. 1,985,968; Jan. 1.
- Wyller, Joseph A., Allentown, Pa., assignor to Trojan Powder Company. Reduction of nitroguanidine. 1,990,511; Feb. 12.
- Wyller, Max, Blackley, England, assignor to Imperial Chemical Industries Limited. Sulphur dye and its preparation. 2,020,345; Nov. 12.
- Wyllie, Arthur R., Evanston, Ill., assignor to Marathon Paper Mills Company, Rothschild, Wis. Quick opening carton. 1,993,200; Mar. 5.
- Wyllie, Robert, Corvallis, Oreg. Roller skate. 2,016,847; Oct. 8.
- Wyllie, John R. (See Andrews, D. S., and Wyllie.)
- Wyllie, John W., Franklin, Mass. Automatic stopping device. 1,997,783; Apr. 16.
- Wyllie, John W., Franklin, Mass. Automatic stopping device. 2,016,808; Oct. 8.
- Wyman, Charles W., Claremont, N. H., assignor to Sullivan Machinery Company. Electrical apparatus. 1,998,039; Apr. 16.
- Wyman, Edward H., Aiken, S. C. Combined safety razor and sharpener. 2,002,682; May 28.
- Wynd, Clarence L. A. (See Carver, E. K., and Wynd.)
- Wynkoop, Jesse C., Whittier, Calif. Relief-action valve. 1,995,491; Mar. 26.
- Wynn, Hugh V., Orosi, Calif. Adjustable bulkhead for refrigerator cars. 2,017,301; Oct. 15.
- Wynn, John, Jr., Canton, Ohio. Feed mechanism for stokers. 2,006,978; July 2.
- Wynne, Robert J., Bellwood, assignor to Irving D. Porter, River Forest, Ill. Bottle handling mechanism. 1,988,963; Jan. 22.
- Wyrick, Clayton E., Wyandotte, assignor to Wyrick Engineering Company, Detroit, Mich. Compensator. 2,004,263; June 11.
- Wyrick, Clayton E., Wyandotte, assignor to Wyrick Engineering Company, Detroit, Mich. Clearance regulator. 2,004,264; June 11.
- Wyrick, Clayton E., assignor to Wyrick Engineering Company, Wyandotte, Mich. Thrust radial bearing. 2,012,461; Aug. 27.
- Wyrick Engineering Company. (See Wyrick, Clayton, assignor.)
- Wyse, Leland. (See King, H., and Wyse.)
- Wysocki, John, Hackensack, N. J. Carbonating charger. 1,997,400; Apr. 9.
- Wysocki, John, and W. R. Rich, Baltimore, Md., assignors to U. S. Industrial Alcohol Co., New York, N. Y. Making artificial fuel. 1,995,911; Mar. 26.
- Xetal Products Limited. (See Head, Percy H., assignor.)
- Ximenez, Manuel R., Plainfield, N. J., assignor to Johnsville Corporation, New York, N. Y. Composition of matter and making the same. 2,009,600; July 30.
- X-Ray Shoe Fitter, Inc. (See Fischer, H. G., and Osborn, assignors.)
- Xylos Rubber Company, The. (See MacFarlane, Walter C., assignor.)
- Y Garcia, Joaquin Crespo. (See Clifford, P. C. and y Garcia.)
- Yackel, Edward C. (See Staud, C. J., and Yackel.)
- Yackel, Edward C., and W. O. Kenyon, assignors to Eastman Kodak Company, Rochester, N. Y. Preparing cellulose for its fibrous esterification. 2,017,141; Oct. 15.
- Yadwin, Irving H. (See Maluss, S., and Yadwin.)
- Yager, George F., assignor to The Bunting Brass and Bronze Company, Toledo, Ohio. Tool slide assembly. 1,988,228; Jan. 15.
- Yager, Harold A., Long Beach, Calif., assignor, by mesne assignments, to The Triangle Service Corporation, Spokane, Wash. Nursing bottle and nipple. 1,998,646; Apr. 23.
- Yager, Harold A., assignor, by mesne assignments to The Triangle Service Corporation, Spokane, Wash. Combination nursing bottle and nipple. 1,999,581; Apr. 30.
- Yalch, Gustave B., Kew Gardens, N. Y. Window screen structure. 1,997,205; Mar. 12.
- Yale Slot & Sling Co. (See Goetz, Oscar H., assignor.)
- Yale & Towne Manufacturing Company, The. (See Brauning, Karl A., assignor.)
- Yale & Towne Manufacturing Company, The. (See Ledin, Charles, assignor.)
- Yale & Towne Manufacturing Company, The. (See Ledin, C., and Brauning, assignors.)
- Yale & Towne Manufacturing Company, The. (See Mosely, W. P., and Goehring, assignors.)
- Yale & Towne Mfg. Co. (See Potter, Robert S., assignor.)
- Yale & Towne Manufacturing Company, The. (See Schroeder, Charles S., assignor.)

- Yale & Towne Manufacturing Company, The. (See Singleton, George W., assignor.)
- Yale & Towne Manufacturing Company, The. (See Stuebing, William, Jr., assignor.)
- Yamaguchi, Yohei, Toshima-Ku, Tokyo, and H. Nakazawa, Kawanaka-Mura, Nishi-Kasugai-Gun, assignors to Zaiden Hojin Rikagaku Kenkyujo, Tokyo, Japan. Sheet flasher for taking photographs. 2,003,660; June 4.
- Yamaki, Masuji, Sanno, Omori-Ku, Tokyo-Shi, Japan. Vehicle tire. 2,006,038; June 25.
- Yamaki, Masuji, Sanno, Omori-Ku, Tokyo-Shi, Japan. Rubber heel. 2,012,649; Aug. 27.
- Yamashiro, Matsukichi, Los Angeles, Calif. Bedding clamp. 2,022,169; Nov. 26.
- Yamashita, Noboru, Tokyo, Japan, assignor to General Electric Company. Leading-in wire and making same. 1,988,291; Jan. 15.
- Yancey, Elliott S., Houston, Tex. Card holder and display stand. 2,001,404; May 14.
- Yancey, Virgil L. (See Yancey, William O. and V. L.)
- Yancey, William O. and V. L., San Francisco, Calif. Hair clipper attachment. 2,011,351; Aug. 13.
- Yanchenko, Basil J., New York, N. Y., assignor to Hatfield Wire & Cable Co., Hillside, N. J. Plug cap. 2,025,189; Dec. 24.
- Yanchus, Edward L., Masontown, Pa., assignor of one-half to I. Rothstein. Rotoplane. 2,004,885; June 11.
- Yandell, William H., Joliet, Ill. Operating means for washing machines, driers and the like. 2,023,215; Dec. 3.
- Yandell, William H., Joliet, assignor of fifteen per cent to Williams, White & Company, Moline, Ill. Clothes drying apparatus. 1,993,201; Mar. 5.
- Yanochowski, George A., LaGrange, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Choke valve control means. 2,013,798; Sept. 10.
- Yap, Chu-Phay, Nankin, China. X-ray diffraction apparatus. 2,025,488; Dec. 24.
- Yarborough, Russell L., Winston-Salem, N. C. Well bucket. 2,012,932; Aug. 27.
- Yardley & Company Limited. (See Carter, Elsie M., assignor.)
- Yardley, Farnham, West Orange, N. J., assignor to Jenkins Bros., New York, N. Y. Valve. 1,988,258; Jan. 15.
- Yarger, Milton R., Morgantown, assignor of thirty per cent to William L. Randolph, Morgantown, W. Va. Curtain stretcher tool. 2,007,067; July 2.
- Yarnall, David R., assignor to Yarnall-Waring Company, Philadelphia, Pa. Liquid level gauge. 1,992,455; Feb. 26.
- Yarnall, David R., assignor to Yarnall-Waring Company, Philadelphia, Pa. Steam heating connection for valves. 2,015,024; Sept. 17.
- Yarnall-Waring Company. (See McKee, John F., assignor.)
- Yarnall-Waring Company. (See Miller, Frank W., assignor.)
- Yarnall-Waring Company. (See Mott, Frederick R., assignor.)
- Yarnall-Waring Company. (See Yarnall, David R., assignor.)
- Yarsley, Victor E., Ewell, assignor of one-half to The Cellulose Acetate Silk Company, Limited, Lancaster, England. Production of new compositions of matter by the esterification of cellulosic material. 1,986,908; Jan. 8.
- Yartyan, Minas, New York, N. Y. Roll screen installing device. 2,025,630; Dec. 24.
- Yarvis, Charles, Gary, assignor to Creek Chub Bait Company, Garrett, Ind. Artificial bait. 1,994,678; Mar. 19.
- Yates, Alvis, Lenoir, N. C. Composition for treating diseased trees. 2,017,269; Oct. 15.
- Yates, Harry E. (See Ellis, C. and Yates.)
- Yates, James M., assignor of one-half to W. Bryant and one-fourth to D. C. Wilhite, Cookeville, Tenn. Weather strip. 2,015,372; Sept. 24.
- Yates, Paul, Pittsburgh, Pa. Meter reading apparatus. 2,007,669; July 9.
- Yates, Richard C., Cincinnati, Ohio, and A. M. Millward, Southgate, Ky. Damper control. 1,992,456; Feb. 26.
- Yates, Wallace J., Martinez, assignor to Shell Development Company, San Francisco, Calif. Germicide. 1,991,590; Feb. 19.
- Yates-American Machine Company. (See Johnson, Gustave T., assignor.)
- Yates-American Machine Company. (See White, C. L., and Johnson, assignors.)
- Yawman & Erbe Manufacturing Company, The. (See Clark, James R., assignor.)
- Yawman & Erbe Manufacturing Company, The. (See Furlong, Roland A., assignor.)
- Yawman, Frederick G., Rochester, N. Y. Seat connecting device for school furniture. 1,999,949; Apr. 30.
- Yawman, Harvey H., assignor to Union Steel Chest Corporation, Le Roy, N. Y. Steel chest or box. 2,017,485; Oct. 15.
- Yaxley, Robert G., Waterford, N. Y. Pipe and protecting same. 2,006,226; June 25.
- Yeadon, Robert. (See Jabouley, J. and Yeadon.)
- Yeager, Charles A. (See McFarland, O. K., and Yeager.)
- Yeager, Frank W., Grantwood, N. J., assignor to The Barrett Company, New York, N. Y. Pipe coupler housing and applying same. 2,024,559; Dec. 17.
- Yeager, Lester, assignor to G. Denning, Marion, Ohio. Reclaiming printing press rollers. 2,022,170; Nov. 26.
- Yeager, Thomas M. E., Allentown, Pa., assignor to International Motor Company, New York, N. Y. Automatic tail gate lock. 2,009,466; July 30.
- Yeates, Percy M., assignor to Seal-O-Sac (Canada) Limited, Toronto, Ontario, Canada. Tobacco pouch. 1,992,152; Feb. 19.
- Yedd, Guy A., Oakland, Calif. Liquid discharge device for closed tanks. 2,022,266; Nov. 26.
- Yedd, Guy A., assignor of one-half to John R. Pusey, Oakland, Calif. Mining system and apparatus. 2,003,779; June 4.
- Yellow Truck and Coach Manufacturing Company. (See Flogaus, Howard A., assignor.)
- Yelm, Charles W., assignor to The Gates Rubber Company, Denver, Colo. V-shaped belt. 1,988,292; Jan. 15.
- Yeoman, George V., Wilmette, assignor of one-half to E. A. Krueger, Chicago, Ill. Can opener. 1,986,872; Jan. 8.
- Yerington, Orville R. (See Evans, J. McG., and Yerington.)
- Yerk, Henry H. (See Bettendorf, W. E., and Yerk.)
- Yerkey, Henry, Galesburg, Ill. Slicing machine. 1,995,139; Mar. 19.
- Yerzley, Felix L., Ithaca, N. Y. Napkin. 2,009,831; July 30.
- Yessaian, Alexander, assignor of one-third to A. Avedikian and one-third to Y. Arslanian, Chelsea, Mass. Spinning toy. 1,989,256; Jan. 29.
- Yett, Porter W. (See Paris, Henry K., assignor.)
- Ygberg, Anna M., Gottenborg, Sweden. Partitional member. 2,010,471; Aug. 6.
- Yiakoumelos, William. (See Bourdes, A. A., and Yiakoumelos.)
- Yingling, Frank B., Hamilton, Ohio. Making tile-dies. 2,026,337; Dec. 31.
- Yingling, Frank B., assignor to C. J. Fitton, Hamilton, Ohio. Coal mining machine. 1,996,135; Apr. 2.
- Yingling, Frank B., assignor to C. J. Fitton, Hamilton, Ohio. Coal mining machine. 1,998,180; Apr. 16.
- Yingling, Frank B., assignor to C. J. Fitton, Hamilton, Ohio. Coal mining machinery. 2,006,379; July 2.
- Yingling, Frank B., assignor to The Ceramic Machinery Company, Hamilton, Ohio. Locomotive. 2,010,125; Aug. 6.
- Yingling, Frank B., assignor to C. J. Fitton, Hamilton, Ohio. Coal mining machine. 2,010,449; Aug. 6.
- Ylla-Conte, José, Barcelona, Spain. Construction of lenses for concentrating the heat of the sun. 2,003,070; May 28.
- Yorch, Jacob, St. Louis, Mo. Air cooling. 1,986,873; Jan. 8.
- Yoder, Alfred F., Akron, and D. M. Yoder, Barberton, Ohio. Piston skirt adjuster. 2,024,620; Dec. 17.
- Yoder, Carl M., assignor of one-half to H. O. Yoder, Lakewood, Ohio. Apparatus for and process of making cylindrical bodies. 2,001,757; May 21.
- Yoder, Charles B., Brentwood, Mo., assignor to Radiant Boiler Corporation, New York, N. Y. Furnace. 2,016,762; Oct. 8.
- Yoder, Daniel D., Seattle, Wash. Scratching post. 2,005,817; June 25.
- Yoder, David M. (See Yoder, Arthur F., and D. M.)
- Yoder, Harvey O. (See Yoder, Carl M., assignor.)
- Yoder, Howard D., assignor to Penberthy Injector Company, Detroit, Mich. Cellar drainer. 2,006,615; July 2.
- Yoder, Howard D., assignor to Penberthy Injector Company, Detroit, Mich. Circulator. 2,017,302; Oct. 15.
- Yoder, Kensie N., Reading, Pa. Dispensing device. 1,998,481; Apr. 23.
- Yoder-Morris Company, The. (See Madsen, Sern, assignor.)
- Yoder, Raymond S. (See Wood, R. E., and Yoder.)
- Yoe, Alphus O., Talladega, Ala. Adjustable bridge for bifocal lenses. 2,020,629; Nov. 12.
- Yoerg, Alfred F., et al. (See Schlesinger, Harry, assignor.)
- Yohe, Albert S., Jersey City, N. J., assignor to The Bias Buff & Wheel Company, Inc., New York, N. Y. Buffing or polishing wheel. 2,004,623; June 11.
- Yolles, Jacob, Brooklyn, N. Y., assignor to Radio Corporation of America. Electronic tone control. 2,017,270; Oct. 15.
- Yolles, Jacob, Brooklyn, N. Y., assignor to Radio Corporation of America. Muted automatic volume control. 2,023,458; Dec. 10.
- Yonkers, Edward H., Jr., Chicago, Ill. Negative resistance. 2,002,238; May 21.
- Yopp, Harry T. (See Newman, H. L., and Yopp.)
- Yopp, Paul R., Atlanta, Ga., assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,024,324; Dec. 17.
- Yorgensen, Paul L., Hartford, Conn. Head covering. 2,020,008; Nov. 5.
- York Ice Machinery Corporation. (See Dennison, French E., assignor.)
- York Ice Machinery Corporation. (See Dennison, F. E., and Leonard, assignors.)
- York Ice Machinery Corporation. (See DePuy, James A., assignor.)
- York Ice Machinery Corporation. (See Frazer, James S., assignor.)
- York Ice Machinery Corporation. (See Light, Albert T., assignor.)

- York Ice Machinery Corporation. (See Ruff, Alonzo W., assignor.)
- York, Raymond D. (See Shepherd, J. E., and York.)
- Yoss, Emanuel, Richmond, Va. Pulverized fuel feeder. 2,011,133; Aug. 13.
- Yost, Karl M., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 1,998,647; Apr. 23.
- Yost, Norman S., assignor to Howell Electric Motors Company, Howell, Mich. Electric motor. 2,013,821; Sept. 10.
- Yost, Robert G., and C. G. Schelly, Webster Groves, assignors to Yost-Schelly Patent Estate, Inc., St. Louis, Mo. Humidifier. 2,018,990; Oct. 29.
- Yost-Schelly Patent Estate, Inc. (See Yost, R. G., and Schelly, assignors.)
- Yosyk, Thomas, Ridgewood, N. Y. Garment pressing machine. 1,992,342; Feb. 26.
- Yosyk, Thomas, Ridgewood, N. Y. Garment pressing machine. 2,007,321; July 9.
- Yotta, Jean R., Los Angeles, Calif. Safety razor. 2,002,104; May 21.
- Youden, William J., Yonkers, N. Y., assignor to W. M. Welch Manufacturing Company, Chicago, Ill. Electrode apparatus. 1,990,768; Feb. 12.
- Youker, Mortimer A. (See Daudt, H. W., and Youker.)
- Youker, Mortimer A., et al. (See Daudt, H. W., Youker, and Jones.)
- Youker, Mortimer A. (See Daudt, H. W., Youker, and Reynolds.)
- Youmans, Benjamin P., Vancouver, Wash. Milk bottle top lock. 1,997,895; Apr. 16.
- Young Accumulator Company (1929) Limited, The. (See Clark, Sydney J., assignor.)
- Young, Albert A. (See Slack, A. D., and Young.)
- Young, Andrew H. (See Fonda, G. R., and Young.)
- Young, Arthur E., London, England. Refrigeration system. 2,024,083; Dec. 10.
- Young, Bruce, Tulsa, Okla. Piston and packing ring structure. 1,998,915; Apr. 23.
- Young, Byrnes M., Morgan City, La. Toaster. 1,997,505; Apr. 9.
- Young, Charles D., Haverford, Pa. Railway car truck. 2,005,983; June 25.
- Young, Charles D., Haverford, Pa. Railway car truck. 2,019,592; Nov. 5.
- Young, Charles H., Minneapolis, Minn. Apparatus for de-shaling gravel. 2,025,841; Dec. 31.
- Young, Charles M., New Britain, assignor of one-half to L. J. Gervais, Hartford, Conn. Emergency link. 2,017,271; Oct. 15.
- Young, Charles O., and S. D. Douglas, Charleston, W. Va., assignors to Carbide & Carbon Chemicals Corporation. Fractionating vinyl resins and the product obtained thereby. 1,990,685; Feb. 12.
- Young, Charles O., and S. D. Douglas, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Polymerizing vinyl compounds. 2,011,132; Aug. 13.
- Young, Charles O., and S. D. Douglas, Charleston, W. Va., assignors to Carbide & Carbon Chemicals Corporation. Stable vinyl resins and making the same. 2,013,941; Sept. 10.
- Young, D'Arcy A., Jr. (See Tuttle, C. M., and Young, Jr.)
- Young, Donald H., San Francisco, Calif., assignor to American Manganese Steel Company, Chicago, Ill. Dipper tooth assembly. 2,007,991; July 16.
- Young, Douglass A., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Meter. 2,000,731; May 7.
- Young, Douglass A., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Card sorting machine. 2,020,925; Nov. 12.
- Young, Edgar J., Trowbridge, Wilts, England, assignor to The Chandler and Price Company, Cleveland, Ohio. Platen printing press. 2,004,148; June 11.
- Young, Edward, Toledo, Ohio. Bicycle stand lock. 2,010,707; Aug. 6.
- Young, Forrest J., Los Angeles, Calif., assignor, by mesne assignments, to The National Superior Company, Toledo, Ohio. Nut lock device. 2,006,064; June 25.
- Young, Forrest J., Los Angeles, and S. W. Long, Redondo Beach, Calif., assignors, by mesne assignments, to The National Superior Company, Toledo, Ohio. Power transmission unit. 2,005,122; June 18.
- Young, Frank. (See Lark, R. P., and Young.)
- Young, Frank L., Washington, D. C., assignor to the Government of the United States, represented by the Secretary of the Navy, Mine. 1,989,838; Feb. 5.
- Young, Fred M., Racine, Wis. Heat transfer unit. 1,992,795; Feb. 26.
- Young, Fred M., Racine, Wis. Heat transfer unit. 2,020,532; Nov. 12.
- Young, Fred M., assignor to Young Radiator Company, Racine, Wis. Heat transfer device. 1,992,646; Feb. 26.
- Young, Fred M., assignor to Young Radiator Company, Racine, Wis. Heat transfer device. 1,996,498; Apr. 2.
- Young, Fred M., assignor to Young Radiator Company, Racine, Wis. Heat exchanger unit. 1,996,499; Apr. 2.
- Young, Fred M., assignor to Young Radiator Company, Racine, Wis. Radiator. 1,998,112; Apr. 16.
- Young, Fred M., assignor to Young Radiator Company, Racine, Wis. Holdover tank for air conditioners. 2,019,033; Oct. 29.
- Young, Fred M., assignor to Young Radiator Company, Racine, Wis. Radiator. 2,024,496; Dec. 17.
- Young, Fred M., and E. Witzel; said Witzel assignor to Young Radiator Company, Racine, Wis. Electric heating device. 1,998,916; Apr. 23.
- Young, George C. (See Merrill, C. F., and Young.)
- Young, George W. (See Cornelius, A. B., and Young.)
- Young, Guy L., Des Moines, Iowa. Toy movie theater and carton combined. 1,995,463; Mar. 26.
- Young, Harry D. (See Cotton, R. T., and Young.)
- Young, Henry S., Wilkensburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,017,452; Oct. 15.
- Young, Howard F., deceased, Kalamazoo, Mich., L. S. Young, administratrix. Reinforced concrete joist. 1,990,156; Feb. 5.
- Young, Howard F., deceased, Kalamazoo, Mich., L. S. Young, administratrix. Precast floor or roof slab. 1,990,157; Feb. 5.
- Young, Howard F., deceased, L. S. Young, administratrix, assignor of one-half to L. S. Young, Kalamazoo, Mich. Joist. 1,990,155; Feb. 5.
- Young, Hoylande D., Oak Park, assignor to Van Schaack Bros. Chemical Works, Inc., Chicago, Ill. Cyanide composition and making the same. 2,014,546; Sept. 17.
- Young, Hugh E., Chicago, Ill. Power factor controller. 1,990,261; Feb. 5.
- Young, Hugh E., Chicago, Ill. Multiphase current regulator. 2,021,216; Nov. 19.
- Young, James, Haddonfield, N. J. Davit. 2,023,258; Dec. 3.
- Young, James D., Sierra Madre, Calif. Dentifrice holding toothbrush. 1,995,374 Mar. 26.
- Young, James H., et al. (See Bagnoli, O. J., Wilson, and Young.)
- Young, James H. (See Schwartz, G. L., and Young.)
- Young, James H., Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanized fiber. 2,015,132; Sept. 24.
- Young, James H., assignor to H. H. Robertson Company, Pittsburgh, Pa. Stable fire-resisting hydrocarbonaceous material. 2,025,929; Dec. 31.
- Young, John L., Pittsburgh, Pa., assignor to National Radiator Corporation. Cathode for electrodeposition. 2,011,885; Aug. 20.
- Young, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,010,048; Aug. 6.
- Young, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,012,213; Aug. 20.
- Young, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Key opening container. 2,018,696; Oct. 29.
- Young, John W. (See Lowy, A., Reynolds, and Young.)
- Young, Kenneth W., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Roasting of plumbiferous pyrites. 1,992,049; Feb. 19.
- Young, L. A., Company, The. (See Link, Albert C., assignor.)
- Young, L. A., Spring and Wire Corporation. (See Clark, William A., assignor.)
- Young, L. A., Spring and Wire Corporation. (See Gritz, Philip, assignor.)
- Young, L. A., Spring & Wire Corporation. (See Konkel, John A., assignor.)
- Young, L. A., Spring and Wire Corporation. (See Platt, Cornelius E., assignor.)
- Young, L. A., Spring and Wire Corporation. (See Stackhouse, George A., assignor.)
- Young, Leon M., and E. Witzel, assignors to Young Radiator Company, Racine, Wis. Oil temperature regulating device. 1,992,796; Feb. 26.
- Young, Leonard A. (See Oldham, John M., assignor.)
- Young, Leonard A. (See Stinson, William E., assignor.)
- Young, Leonard A., Detroit, Mich. Golf ball. 2,002,726; May 28.
- Young, Leonard A., Detroit, Mich. Golf club. 2,004,968; June 18.
- Young, Leonard A., Detroit, Mich. Garment hanger. 2,011,265; Aug. 13.
- Young, Leonard A., Detroit, Mich. Golf club. 2,014,829; Sept. 17.
- Young, Leonie S., administratrix. (See Young, Howard F.)
- Young, Lloyd L., Patchogue, N. Y., assignor to Radio Corporation of America. High speed keying. 2,003,329; June 4.
- Young, Lloyd L., Rocky Point, Long Island, N. Y., assignor to Radio Corporation of America. High speed keying. 2,025,797; Dec. 31.
- Young, Lloyd L., and J. L. Finch, Patchogue, N. Y., assignors to Radio Corporation of America. Piezo-electric crystal holder. 1,994,740; Mar. 19.
- Young, Otto W. (See Brittain, R. J., Jr., and Young.)
- Young, Patrick, New Rochelle, N. Y. Heating apparatus. 2,007,822; July 9.
- Young, Philip E., Fairhaven, Mass., assignor to I. B. Kleinert Rubber Company, New York, N. Y. Molded rubber article. 2,009,866; July 30.
- Young, Philip L., New York, N. Y., assignor to Standard Oil Development Company. Obtaining valuable products from hydrocarbon oils. 2,018,772; Oct. 29.
- Young Radiator Company. (See Folsom, Robert H., assignor.)
- Young Radiator Company. (See Witzel, Ernst, assignor.)
- Young Radiator Company. (See Young, Fred M., assignor.)

- Young Radiator Company. (See Young, F. M., and Witzel, assignors.)
- Young Radiator Company. (See Young, L. M., and Witzel, assignors.)
- Young, Raleigh W., San Francisco, Calif. Advertising display. 1,993,908; Mar. 12.
- Young, Robert D., San Francisco, Calif. Double acting engine. 2,024,263; Dec. 17.
- Young, Robert H., Portland, Oreg. Sausage cooker. 1,993,853; Mar. 5.
- Young, W. J., Machinery Company. (See Young, William J., assignor.)
- Young, William G., and M. Hansen, Los Angeles, and J. F. Pollon, Glendale, Calif., said Pollon assignor to said Young and said Hansen. Egg breaking machine. 1,988,030; Jan. 15.
- Young, William J., Peabody, assignor to W. J. Young Machinery Company, Lynn, Mass. Heel dowselling machine. 1,986,458; Jan. 1.
- Young, William M., Harrisburg, Pa. Match device. 2,012,781; Aug. 27.
- Young, William S., Pittsburgh, Pa. Quick change battery holder. 2,007,320; July 9.
- Young, William T., Canton, Ohio. Universal jack shaft. 1,990,810; Feb. 12.
- Youngberg, Walter K., Meriden, Conn. Card handling mechanism. 1,989,049; Jan. 22.
- Younghusband, James L. (See Mertz, Theodore, assignor.)
- Youngstown Pressed Steel Company, The. (See Stanitz, J., and Boyer, assignors.)
- Youngstown Sheet & Tube Company, The. (See Adams, James L., Jr., assignor.)
- Youngstown Sheet & Tube Company, The. (See Firth, Cyril, assignor.)
- Youngstown Sheet & Tube Company. (See Geggus, John, assignor.)
- Youngstown Sheet & Tube Company, The. (See Jones, Carl G., assignor.)
- Youngstown Sheet and Tube Company, The. (See Kachel, Henry W., assignor.)
- Youngstown Sheet & Tube Company, The. (See Mirfield, G. E., Lewis, Firth, and Neale, assignors.)
- Youngstown Sheet and Tube Company, The. (See Reinhardt, Gustav A., assignor.)
- Youngstown Steel Door Company, The. (See Beauchamp, Wilfred A., assignor.)
- Youngstown Steel Door Company, The, et al. (See Blest, M. C., and Suckfield, assignors.)
- Youngstown Steel Door Company, The. (See Ditchfield, Frank, assignor.)
- Youngstown Steel Door Company. (See Eklind, Carl E., assignor.)
- Youngstown Steel Door Company, The. (See Eklind, C. E., and Tobin, assignors.)
- Youngstown Steel Door Company, The. (See Heinen, Frederick C., assignor.)
- Youngstown Steel Door Company, The. (See Madland, Gabriel, assignor.)
- Youngstown Steel Door Company, The. (See Madland, Thorvald, assignor.)
- Youngstown Steel Door Company. (See McWilliams, John P., assignor.)
- Youngstown Steel Door Company, The. (See McWilliams J. P., and Ditchfield, assignors.)
- Youngstown Steel Door Company, The. (See Tobin, Kenneth J., assignor.)
- Youngstown Steel Door Company, The. (See Tobin, K. J., and Heinen, assignors.)
- Younkman, George W., Brooklyn, N. Y., assignor to Bond Electric Corporation, Jersey City, N. J. Storage battery. 1,990,445; Feb. 5.
- Yount, Miles F., Beaumont, Tex., P. Yount, executrix of said M. F. Yount, deceased. Fluid cooled brake band. 2,008,633; July 16.
- Yount, Pansy, executrix. (See Yount, Miles F., assignor.)
- Yovanovich, Joseph T. (See Sbicca, F., Yovanovich and Baroni.)
- Yoxon, George H. B. (See Willshaw, H., Smith, and Yoxon.)
- Yozewitch, Joseph, Brooklyn, N. Y. Combination sink plug and vacuum cup. 2,000,206; May 7.
- Zrisarri, Eugenio, Albuquerque, N. Mex. Signaling apparatus. 2,012,650; Aug. 27.
- Yuasa Storage Battery Company. (See Kato, Yogoro.)
- Zunker, John O., Wauwatosa, Wis. Shoe press. 2,011,430; Aug. 13.
- Zurcic, Tony, et al. (See Komadina, George, assignor.)
- Zabel, Frederick R., and R. Penner, New York, N. Y. Safety window chair. 2,010,835; Aug. 13.
- Zabel, Jacob, Newark, N. J. Fur shearing machine. 2,020,449; Nov. 12.
- Zabel, Max, Dessau in Anhalt, O. Falek, Wiederitzsch, near Leipzig, and H. Seifert, and G. Steinfurth, Post Wolfen, near Bitterfeld, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Producing prints or discharges on wool and other animal fibers. 1,990,852; Feb. 12.
- Zabel, William P., Cleveland Heights, Ohio, assignor to General Electric Company. Method of and apparatus for treating filaments. 1,992,797; Feb. 26.
- Zabel, William P., Cleveland Heights, Ohio, assignor to General Electric Company. Treating leading-in wire. 1,992,798; Feb. 26.
- Zabriskie, Henry L., Westfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine motor controller. 2,004,496; June 11.
- Zabriskie, John W. (See Von Bramer, H., and Zabriskie.)
- Zachara, Ladislau, Bremerton, Wash. Electric control switch and tester. 2,009,570; July 30.
- Zacharias, Edwin H., Reading, Pa. Garment pressing machine. 2,004,547; June 11.
- Zack, Michael, Cologne-on-the-Rhine, Germany. Arc welding and cutting. 2,008,846; July 23.
- Zadek, Arthur, and I. E. Cohn, New York, N. Y. Flexible handle for rattles. 2,004,265; June 11.
- Zadig, Ernest A., New York, N. Y. Radio program apparatus. 2,024,195; Dec. 17.
- Zadig, Ernest A., assignor to Radio Corporation of America, New York, N. Y. Radiotuner. 1,992,407; Feb. 26.
- Zahm, Edward, assignor to Zahm & Nagel Co. Inc., Buffalo, N. Y. Filter. 1,991,187; Feb. 12.
- Zahm, Edward, assignor to Zahm & Nagel Co. Inc., Buffalo, N. Y. Gas pressure regulator. 2,020,492; Nov. 12.
- Zahm, Edward, Buffalo, and G. G. Zahm, Kenmore, assignors to Zahm & Nagel Co. Inc., Buffalo, N. Y. Cooling means for gas compressors. 2,025,142; Dec. 24.
- Zahm, George G. (See Zahm, Edward and G. G.)
- Zahm, Joseph D., et al. (See Huebener, M. A., Lehn, Graybill, Zahm, and Koch.)
- Zahm & Nagel Co. Inc. (See Zahm, Edward, assignor.)
- Zahm & Nagel Co., Inc. (See Zahm, Edward and G. G., assignors.)
- Zahner, Robert, Bern, Switzerland. Melting pot, particularly for stereotype casting machines. 2,003,796; June 4.
- Zahniser, George B., Jr., and J. M. Smith, Jr., New Castle, Pa. Producing lugged pottery. 2,007,993; July 16.
- Zahnradfabrik Friedrichshafen Aktiengesellschaft. (See Maier, Albert, assignor.)
- Zahnradfabrik Friedrichshafen Aktiengesellschaft. (See von Soden-Fraunhofen, A. G. and Maier, assignors.)
- Zahodiakin, Victor F., Cincinnati, Ohio. Internal combustion engine. 1,998,601; Apr. 23.
- Zahodiakin, Victor F., Cincinnati, Ohio, assignor to The Z-Flex Piston Ring Corporation. Piston ring quality indicator. 2,018,106; Oct. 22.
- Zahodiakin, Victor F., New York, N. Y. Piston ring. 1,999,494; Apr. 30.
- Zaidan Hojin Ryosokoku Kenkyu-Kwai. (See Sasaki, Rinziro, assignor.)
- Zaiden Hojin Rikagaku Kenkyujo. (See Yamaguchi, Y., and Nakazawa, assignors.)
- Zaiger, Louis, Lynn, Mass. Windshield heater. 2,003,028; May 28.
- Zaiger, Max, Swampscott, Mass. Windshield heater. 2,006,005; June 25.
- Zaiger, Max, Swampscott, Mass. Windshield heater. 2,006,006; June 25.
- Zalkowsky, Wladimir M., Pasadena, Calif. Stop-cock. 2,000,552; May 7.
- Zak, Sylvester J., Stevens Point, Wis. Sign. 1,989,781; Feb. 5.
- Zakbartenchenko, Constantine L., Beechhurst, L. I., N. Y., assignor to Zee Aircraft Corporation. Aircraft. 2,018,001; Oct. 22.
- Zaloom, Joseph A., New York, N. Y. Treating nuts. 2,020,533; Nov. 12.
- Zamore, Birger V., and H. E. Sperling, Toledo, Ohio. Air conditioning apparatus. 1,999,495; Apr. 30.
- Zancan, Ottavio, New York, N. Y. Four-wheel braking system. 1,988,347; Jan. 15.
- Zancan, Ottavio, New York, N. Y. Front drive for motor cars. 2,003,166; May 28.
- Zand, Stephen J., Forest Hills, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Soundproof window construction. 1,991,832; Feb. 19.
- Zander, M. W., et al. (See Anglemeyer, Herman B., assignor.)
- Zander, Milton W., deceased, Chicago, Ill., Leslie H. Whipp, administrator. Air cleaner. 2,004,150; June 11.
- Zander, Milton W., deceased, Chicago, Ill., L. H. Whipp, administrator. Air cleaner. 2,018,755; Oct. 29.
- Zanetti, Angelo L., Rome, Ga. Bobbin puller. 2,021,824; Nov. 19.
- Zapata, Virgilio, New York, N. Y. Power machine. 2,024,841; Dec. 17.
- Zapf, Georg, Cologne, assignor to Felten & Guillaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Machine for manufacturing moistureproof cable coverings. 2,003,673; June 4.
- Zapf, Georg, Cologne, assignor to Felten & Guillaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Oil-filled cable installation. 2,011,389; Aug. 13.
- Zapffe, Carl, Brainerd, Minn. Removing iron and manganese from water. 1,990,214; Feb. 5.
- Zara, Florentino E., Maasin, Leyte, P. I. Lamp. 2,003,228; May 28.
- Zarotschenzeff, Mikail T., London, England, assignor to American "Z" Corporation, New York, N. Y. Preservation or keeping and display of food substances. 1,995,729; Mar. 26.
- Zarovy, Joseph L., Chicago, Ill. Portable receptacle. 2,021,585; Nov. 19.
- Zastoupil, Robert, Vienna, Austria. Roller planet gear. 1,986,177; Jan. 1.

- Zavarella, Raphael, Pittsburgh, assignor to J. A. Rykaczewski, Braddock, Pa. Brake operating mechanism. 1,988,066; Jan. 15.
- Zawadzki, Richard, Berlin-Nikolassee, assignor to Vereinigte Eisenbahn-Signalwerke, Gesellschaft mit beschränkter Haftung, Siemensstadt, near Berlin, Germany. Universal relay, particularly suitable for railroad safety equipment. 1,987,645; Jan. 15.
- Zayas, José F., Habana, Cuba. Container for cigarettes and the like. 1,995,556; Mar. 26.
- Zecher, Gustav, Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company. Electric arc discharge tube containing a gas or a vapor. 2,020,715; Nov. 12.
- Zecher, Gustav, and J. Bruijnes, Eindhoven Netherlands, assignors, by mesne assignments, to General Electric Company. Electric discharge tube. 2,020,716; Nov. 12.
- Zedlik, Carl S., Minneapolis, Minn. Method and apparatus for circulating and humidifying the air in a refrigerating room and for defrosting. 2,017,781; Oct. 15.
- Zee Aircraft Corporation. (See Zakhartchenko, Constantine L., assignor.)
- Zeek, Orf B., Shamrock, Okla., assignor to Magnolia Petroleum Company, Dallas, Tex. Protective device for casinghead drips. 2,022,267; Nov. 26.
- Zeh, Ludwig, and W. Bauer, Leverkusen-Wiesdorf, and B. Bollweg, Leverkusen-L. G. Werk, Germany, assignors, by mesne assignments, to Durand & Huguénin A.-G., Basel, Switzerland. Preparing sulphuric acid esters of leuco derivatives of vat dyestuffs. 1,995,557; Mar. 26.
- Zehle, Walther, Berlin, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Photographic emulsions. 2,011,669; Aug. 20.
- Zehner, Walter R., Bethlehem, Pa., assignor to Bethlehem Steel Company. Producing fine sinter returns. 2,006,936; July 2.
- Zeidler, Gilbert C. (See Ericson, A. E., and Zeidler.)
- Zeidler, Harold O., Bronxville, N. Y., assignor to Charles E. Hamilton, Sr., New York, N. Y. Stripper for laundry rollers. 2,012,982; Sept. 3.
- Zeigler, Maxwell T., assignor, by mesne assignments, to Zeigler Packaged Ice Machinery Corporation, Huntington Park, Calif. Truck body construction. 1,994,160; Mar. 12.
- Zeigler, Maxwell T., assignor, by mesne assignments, to Zeigler Packaged Ice Machinery Corporation, Huntington Park, Calif. Producing packaged ice. 1,997,620; Apr. 16.
- Zeigler, Maxwell T., assignor, by mesne assignments, to Zeigler Packaged Ice Machinery Corporation, Huntington Park, Calif. Packaging ice. 2,008,271; July 16.
- Zeigler Packaged Ice Machinery Corporation. (See Zeigler, Maxwell T., assignor.)
- Zeilman, Roy H., Elyria, assignor to The Thew Shovel Company, Lorain, Ohio. Clutch mechanism. 1,997,806; Apr. 16.
- Zeining, Gustav, Oberesslingen, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Electric motor. 1,992,137; Feb. 19.
- Zeining, Gustav, Oberesslingen, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Electromagnetic horn. 2,018,479; Oct. 22.
- Zeining, Gustav, Oberesslingen, and L. Holm, Stuttgart, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Electric horn. 2,010,771; Aug. 6.
- Zeiss, Bruno, Copenick-Wendenschloss, Germany, assignor to General Electric Company. Temporarily closing the channels in hollow conductors of fluid filled cables. 2,015,542; Sept. 24.
- Zeiss, Carl. (See Bauersfeld, Walther, assignor.)
- Zeiss, Carl. (See Bauersfeld, W., and Hübschmann, assignors.)
- Zeiss, Carl. (See Beck, Heinrich, assignor.)
- Zeiss, Carl. (See Hartinger, Hans, assignor.)
- Zeiss, Carl. (See Hauser, F., and Reinert, assignors.)
- Zeiss, Carl. (See Lüncke, Rudolf, assignor.)
- Zeiss, Carl. (See Mackensen, Otto, assignor.)
- Zeiss, Carl. (See Meyer, Franz, assignor.)
- Zeiss, Carl. (See Pfeiffer, F., and Traenkle, assignors.)
- Zeiss, Carl. (See Pulz, Artur, assignor.)
- Zeiss, Carl. (See Reinert, Guido, assignor.)
- Zeiss, Carl. (See Richter, Robert, assignor.)
- Zeiss, Carl. (See Stehne, Adolf, assignor.)
- Zeiss, Carl, Firm. (See Bauersfeld, Walther, assignor.)
- Zeiss, Carl, firm of. (See Eppenstein, Otto, assignor.)
- Zeiss, Carl H., Winnetka, Ill. Game. 2,000,369; May 7.
- Zeiss, Firm Carl. (See Büttner, Karl, assignor.)
- Zeiss, Firm Carl. (See Eppenstein, Otto, assignor.)
- Zeiss, Firm Carl. (See Hauser, Friedrich, assignor.)
- Zeiss, Firm Carl. (See Helfer, D., assignor.)
- Zeiss, Firm Carl. (See Hess, Gustav, assignor.)
- Zeiss, Firm Carl. (See König, Albert, assignor.)
- Zeiss, Firm Carl. (See Kraft, P., and Straubel, assignor.)
- Zeiss, Firm Carl. (See Krechau, R., Eisenhut, and Reinsch, assignors.)
- Zeiss, Firm Carl. (See Meisser, Otto, assignor.)
- Zeiss, Firm Carl. (See Merté, Willy, assignor.)
- Zeiss, Firm Carl. (See Pulz, Artur, assignor.)
- Zeiss, Firm Carl. (See Wandersleb, Ernst, assignor.)
- Zeiss, Ikon A.-G. (See Thörner, Walther, assignor.)
- Zeiss Ikon Aktiengesellschaft. (See Joachim, Hermann, assignor.)
- Zeiss Ikon Aktiengesellschaft. (See Klar, Reinhold, assignor.)
- Zeiss Ikon Aktiengesellschaft Dresden. (See Berteles, Ludwig, assignor.)
- Zeiss Ikon Aktiengesellschaft Dresden. (See Küppenbender, Heinz, assignor.)
- Zeiss Ikon Aktiengesellschaft Dresden. (See Küppenbender, H., and Nowicki, assignors.)
- Zeissl, Ignaz, assignor to Stern-Gesellschaft für Moderne Grundbautechnik m. b. H., Vienna, Austria. Weighing scale. 1,999,312; Apr. 30.
- Zeitler, August A., Oakland, Calif. Bubble still. 2,020,009; Nov. 5.
- Zeitlin, Wladislaw. (See Lebedenko, N., Levy, and Zeitlin.)
- Zeitz, Edwin R., New Haven, Conn. Burner for solidified fuels. 1,995,049; Mar. 19.
- Zeitz, Edwin R., New Haven, and S. W. Dennison, Bradford, Conn. Reamer grinder. 2,001,173; May 14.
- Zeitz, Frederick O., Chicago, Ill. Attaching a metal letter to a bracelet link or the like. 2,022,397; Nov. 26.
- Zelenak, Elizabeth. (See Nagy, L., and Zelenak.)
- Zelinger, Walter, Brooklyn, N. Y. Electric demand load control. 2,009,245; July 23.
- Zell, David H., Brooklyn, N. Y. Vanity case and analogous article. 2,010,909; Aug. 13.
- Zell, David H., Brooklyn, N. Y. Making covered containers. 2,018,826; Oct. 26.
- Zeller, Isaiah N., New York, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Safety razor. 2,011,431; Aug. 13.
- Zeller, John J., Detroit, Mich. Wheel cover. 1,989,839; Feb. 5.
- Zeller, Josef. (See van Valkenburg, H. L., and Zeller.)
- Zeller, Martin, assignor by mesne assignments to Robert Röchling, Munich, Bavaria, Germany. Color photography. 2,009,424; July 30.
- Zellerbach Paper Company. (See Taylor, John L., assignor.)
- Zellhoefer, Glenn F. (See Williams, Walter W., and Zellhoefer.)
- Zellhoefer, Glenn F., Bloomington, Ill. Absorber for absorption refrigeration plants. 1,987,655; Jan. 15.
- Zellhoefer, Glenn F., Bloomington, Ill. Solvent for absorption refrigeration plants. 1,991,188; Feb. 12.
- Zellhoefer, Glenn F., Bloomington, Ill. Solvent for absorption refrigerating machines. 1,991,240; Feb. 12.
- Zellhoefer, Glenn F., Bloomington, Ill. Coil. 2,014,919; Sept. 17.
- Zellhoefer, Glenn F., Bloomington, Ill. Still. 2,025,489; Dec. 24.
- Zellstofffabrik-Waldhof. (See Bernstich, Arnold, assignor.)
- Zellstofffabrik Waldhof. (See Busch, Hedwig, assignor.)
- Zellstofffabrik Waldhof. (See Faust, Otto, assignor.)
- Zellstofffabrik Waldhof. (See Haas, Rudolf, assignor.)
- Zellstofffabrik Waldhof. (See Kiel, Franz, assignor.)
- Zellstofffabrik Waldhof. (See Leupold, Walter, assignor.)
- Zeloid Products Corporation. (See Hetzel, Charles E., assignor.)
- Zelt, Elmer J., Fort Wayne, Ind., assignor to General Electric Company. Threaded connection. 2,000,732; May 7.
- Zeman, Merton W., Lakewood, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Molding machine. 1,994,161; Mar. 12.
- Zeman, Paul, New York, N. Y. Folding ladder. 2,021,494; Nov. 19.
- Zemanek, Frank, Mason City, assignor of one-fourth to F. Kubiak, and one-fourth to T. Zemanek, Manson City, Iowa. Glass breaker tool. 2,005,487; June 18.
- Zemanek, Tony, et al. (See Zemanek, Frank, assignor.)
- Zemba, John W. (See Britton, E. C., Coleman, Zemba, and Zuckermendel.)
- Zempel, Edward A., Milwaukee, Wis. Tool holder. 2,017,332; Oct. 15.
- Zenith Carburetor Company. (See Heftler, Victor R., assignor.)
- Zenith Radio Corporation. (See Hassel, Karl E., assignor.)
- Zenner, Walter J. (See Hanke, E. W. F., and Zenner.)
- Zenner, Walter J. (See Reiber, A. H., and Zenner.)
- Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 1,989,727; Feb. 5.
- Zens, Pierre, Paris, France. Blade of pumps or compressors. 1,991,308; Feb. 12.
- Zeolite Chemical Company. (See Tschirner, Frederick, assignor.)
- Zepler, Erich, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. Loop receiver. 1,997,271; Apr. 9.
- Zepler, Erich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Circuit scheme adapted to preclude spurious couplings in radio frequency amplifiers. 1,998,482; Apr. 23.
- Zerbe, Lewis E. (See Faulkner, D. S., Rice, and Zerbe.)
- Zerbe, Lewis E., Moneta, Calif., assignor, by mesne assignments, to The National Superior Company, Toledo, Ohio. Rotary machine. 2,005,123; June 18.
- Zerbe, Lewis E., Moneta, and A. E. Rice, Palos Verdes, Calif., assignors, by mesne assignments, to The National Superior Company, Toledo, Ohio. Rotary machine torque indicator and shock absorber. 2,019,755; Nov. 5.
- Zerk Corporation. (See Zerk, Oscar U., assignor.)
- Zerk, Oscar U., Cleveland, Ohio. Wheel cover and securing means therefor. 1,985,908; Jan. 1.

- Zerk, Oscar U., Cleveland, Ohio. Shaft bearing. 1,987,093; Jan. 8.
- Zerk, Oscar U., Cleveland, Ohio. Casing for joint. 2,026,338; Dec. 31.
- Zerk, Oscar U., Cleveland, Ohio, assignor to Zerk Corporation. Method for welding wheels. 1,994,557; Mar. 19.
- Zerk, Oscar U., Cleveland, Ohio, assignor to Zerk Corporation. Method for making wheels. 1,994,558; Mar. 19.
- Zerk, Oscar U., Chicago, Ill. Spoke cover for wheels. 1,987,223; Jan. 8.
- Zerk, Oscar U., Chicago, Ill. Hanger mechanism. 1,992,981; Mar. 5.
- Zerk, Oscar U., Chicago, Ill. Wheel and wheel cover. 2,011,134; Aug. 13.
- Zerk, Oscar U., assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Lubricating system. 1,998,746; Apr. 23.
- Zero Hour Torpedo Company. (See Bleecker, Warren F., assignor.)
- Zerunith, Rudolf E., West Collingswood, N. J. Sealing card board boxes. 2,006,530; July 2.
- Zerweck, Werner. (See Herz, R., Zerwich, and Hechtenberg.)
- Zerweck, Werner. (See Kalischer, G., and Zerweck.)
- Zerweck, Werner, and K. Schütz, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuffs insoluble in water and fibers dyed therewith. 2,014,487; Sept. 17.
- Zetlin, Samuel, Baltimore, Md. Attachment for garment hangers. 1,987,174; Jan. 8.
- Zetsche, Jonni, Romford, assignor to Supra Electra Motors Limited, London, England. Drum-wound armature of dynamo-electric machines. 2,012,368; Aug. 27.
- Zetterquist, Eric, Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine apparatus. 1,999,711; Apr. 30.
- Zettler, Mary E., Columbus, Ohio. Curtain stretching and impaling device. 1,992,275; Feb. 26.
- Zeun, Louis H., Baltimore, assignor of one-third to A. W. Add, and one-third to J. B. Add, Baltimore, Md. To bacco stripping machine. 2,007,236; July 9.
- Zeuner, William. (See McGiff, A. M., and Zeuner.)
- Zeve, Ernest L., East Cleveland, assignor to Scul-Pho, Incorporated, Cleveland, Ohio. Producing realistic reliefs. 2,026,202; Dec. 31.
- Zeve, V. D., Incorporated. (See Ziskin, M. S., and Zeve, assignors.)
- Zeve, Victor D. (See Ziskin, M. S., and Zeve.)
- Z-Flex Piston Ring Corporation, The. (See Zahodiakin, Victor F., assignor.)
- Zicherman, Joseph, New York, N. Y. Folding table. 2,016,165; Oct. 1.
- Ziebell, Arthur C. (See Fahrney, E. H., and Ziebell.)
- Zieber, John, Larned, Kans. Necktie. 1,993,817; Mar. 12.
- Zieglmeyer, John S. (See Zingre, Charles, assignor.)
- Ziegler, Albert H. (See Madsen, M., Ziegler, Richardson, and Parrot.)
- Ziegler, Crawford. (See Trainer, J. E., and Ziegler.)
- Ziegler, George J., assignor of one-half to C. J. Heyler, Los Angeles, Calif. Clutch mechanism. 2,001,048; May 14.
- Ziegler, John A., Camas, Wash. Guide-roll. 2,008,318; July 16.
- Zieley, John D., Belmar, N. J., assignor to Amarel Corporation, Wilmington, Del. Catalyst, and the production and use thereof. 2,017,226; Oct. 15.
- Zielinski, Joe F., San Francisco, Calif. Article of manufacture. 2,021,278; Nov. 19.
- Zielke, Leo A., Oshkosh, Wis. Vibrator. 1,986,038; Jan. 1.
- Zieman, Harry J., Milwaukee, Wis. Level. 2,014,420; Sept. 17.
- Ziemmerman, Henry, assignor to Chicago Cardboard Company, Chicago, Ill. Folding display. 1,986,550; Jan. 1.
- Ziemmerman, Henry, assignor to Chicago Cardboard Company, Chicago, Ill. Shelf or step display. 1,987,567; Jan. 8.
- Ziemmerman, Henry, assignor to Chicago Cardboard Company, Chicago, Ill. Folding display and package. 2,000,870; May 7.
- Ziemmerman, Henry, assignor to Chicago Cardboard Company, Chicago, Ill. Package display device. 2,009,351; July 23.
- Ziepke, William H., Hollis, N. Y., assignor to J. G. Braun Company, Inc. Window construction for refrigerators. 1,985,909; Jan. 1.
- Zier, Edward M. (See Zier, Michael and E. M.)
- Zier, Helen K., et al. (See Zier, Michael and E. M., assignors.)
- Zier, Michael and E. M., assignors to H. K. and R. B. Zier, New Albany, N. Y. Boiler. 2,006,782; July 2.
- Zier, Rozine B., et al. (See Zier, Michael and E. M., assignors.)
- Zierden, Frank P., Cudahy, Wis. Variable capacity pump. 1,988,407; Jan. 15.
- Zies, Carl W., Lakewood, assignor to The V. D. Anderson Company, Cleveland, Ohio. Steam trap. 1,991,268; Feb. 12.
- Zieschang, Gustav H. (See Bolton, J. K., and Zieschang.)
- Zieschang, Richard, Brentford, England, assignor to Pyrene Manufacturing Company, Newark, N. J. Fire extinguishing apparatus. 1,992,276; Feb. 26.
- Ziganek, Mary K. (See Udokovich, Morris, assignor.)
- Zilles, Calvin C., Oak Park, and W. Radtke, Chicago, Ill., assignors to Molonier Bros. Co. Chain conveyer. 2,009,157; July 23.
- Zillgitt, Charles J., Pasadena, Calif. Pulverizing jaw crusher. 2,012,799; Aug. 27.
- Zim Manufacturing Company. (See Berkman, Herbert A., assignor.)
- Zimber, Raymond M., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America. Manufacturing lamps, vacuum tubes, and similar devices. 2,006,818; July 2.
- Zimber, Raymond M., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America. Automatic sealing device for exhaust machines. 2,020,983; Nov. 12.
- Zimic, Michael. (See Gruna, A., and Radhuber, assignors.)
- Zimic, Michael, Forest Hills West, N. Y. Knitting machine. 2,003,674; June 4.
- Ziminski, Theodore, Duluth, Minn. Pruning hook. 2,007,700; July 9.
- Zimitz, Michael, Forest Hills West, N. Y. Knitting machine. 1,997,286; Apr. 9.
- Zimmer, Edward, Newark, N. J. Yieldable drive shaft. 1,987,316; Jan. 8.
- Zimmer, Heinrich, Varnsdorf, Czechoslovakia. Suction filter. 2,005,406; June 18.
- Zimmer, Josef, Nurburg, near Ahrweiler, Germany. Camera for taking instantaneous color photographs. 2,006,007; June 25.
- Zimmer, Myron J., assignor to Edward Katzinger Company, Chicago, Ill. Strainer. 2,006,566; July 2.
- Zimmerer, Marlene R. (See Dougherty, Elmer E., assignor.)
- Zimmerli, Adolph. (See Canon, F. A., and Zimmerli.)
- Zimmerli, Adolph, New Brunswick, N. J. Preparation of alkylated derivatives of amines. 1,987,317; Jan. 8.
- Zimmerli, John. (See Sprenger, Max, assignor.)
- Zimmerman, Arthur C., assignor to The Duro Company, Dayton, Ohio. Apparatus for producing soft boiler water. 1,996,136; Apr. 2.
- Zimmerman, Arthur G. (See Runge, F. E., and Zimmerman.)
- Zimmerman, Arthur G., Westmont, N. J., assignor to Radio Corporation of America. Oscillograph galvanometer. 1,996,783; Apr. 9.
- Zimmerman, Axel E., West Palm Beach, Fla., assignor of one-third to Fred A. Franck, La Follette, Tenn. Weather shield for automobiles. 1,986,700; Jan. 1.
- Zimmerman, Erich K., Passaic, assignor to L. E. Carpenter & Co., Inc., Newark, N. J. Coating composition. 1,990,811; Feb. 12.
- Zimmerman, George D., New York, N. Y. Tempering and heating system. 2,017,194; Oct. 15.
- Zimmerman, Henry H., Muscatine, Iowa. Building construction. 2,026,294; Dec. 31.
- Zimmerman, Herbert L., assignor to Globe-Union Mfg. Co., Milwaukee, Wis. Skate wheel. 2,001,174; May 14.
- Zimmerman, Herman W., assignor to Automotive Maintenance Machinery Co., Chicago, Ill. Cylinder grinding tool. 1,987,457; Jan. 8.
- Zimmerman, Herman W., assignor to Automotive Maintenance Machinery Co., Chicago, Ill. Reamer sharpener. 2,002,971; May 28.
- Zimmerman, Herman W., assignor to Automotive Maintenance Machinery Co., Chicago, Ill. Cylinder ridge reamer. 2,004,741; June 11.
- Zimmerman, Herman W., assignor to Automotive Maintenance Machinery Co., Chicago, Ill. Ring filing structure. 2,007,490; July 9.
- Zimmerman, Herman W., assignor to Automotive Maintenance Machinery Co., Chicago, Ill. Connecting rod alignment gauge. 2,013,373; Sept. 3.
- Zimmerman, Herman W., assignor to Automotive Maintenance Machinery Co., Chicago, Ill. Connecting rod alignment gauge. 2,013,374; Sept. 3.
- Zimmerman, Oliver B. (See Allan, J. R., and Zimmerman.)
- Zimmerman, Oliver B. (See Benjamin, B. R., and Zimmerman.)
- Zimmerman, Robert F., and H. W. De Weese, assignors of sixty per cent to said Zimmerman and forty per cent to said De Weese, Dayton, Ohio. Radiodevice. 1,996,847; Apr. 9.
- Zimmerman, Rufus E. (See Whetzel, J. C., and Zimmerman.)
- Zimmerman, Russell L. (See Snow, H. R., and Zimmerman.)
- Zimmerman, Thomas, and A. Schrieber, assignors to Bower Roller Bearing Co., Detroit, Mich. Forming roller bearing cups. 2,009,644; July 30.
- Zimmerman, Thomas, and A. Schrieber, assignors to Bower Roller Bearing Co., Detroit, Mich. Forming roller bearing cups. 2,014,605; Sept. 17.
- Zimmerman, Walter B., Winnipeg, Manitoba, Canada. Garden rake tooth cleaning appliance. 2,002,484; May 21.
- Zimmermann, Hans, Dortmund, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Bottom seal for gates or the like. 1,986,701; Jan. 1.
- Zimmermann, Hans, Dortmund, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Movable weir. 2,006,252; June 25.
- Zimmermann, Hans, Dortmund, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Movable weir. 2,006,253; June 25.

- Zimmermann, Hans, Dortmund, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Movable weir. 2,023,944; Dec. 10.
- Zimmermann, Paul, assignor to H. A. Brassett & Company, Chicago, Ill. Indicator for burden level of blast furnaces. 1,996,784; Apr. 9.
- Zimmermann, William, Forest Hills, N. Y. Apparatus for making printing surfaces. 2,014,513; Sept. 17.
- Zimmermann, William F., Maplewood, assignor to Gould & Eberhardt, Newark, N. J. Apparatus for recutting helical gears. 2,008,740; July 23.
- Zimmers, Joseph B., et al. (See Hall, William J., assignor.)
- Zingre, Charles, Webster Groves, assignor to John S. Ziegelmeyer, St. Louis, Mo. Support for drooping plants. 2,000,632; May 7.
- Zingsheim, George G. (See Ridler, H. C., Zingsheim, and Loring.)
- Zinke, Otto A., Des Plaines, and J. Y. Grade, assignors to Jackson Auto Radiator Co., Chicago, Ill. Adjustable washer. 1,992,730; Feb. 26.
- Zinkil, Roy H., Oak Park, and E. A. Fredrickson, Chicago, Ill., assignors to Crane Co., Chicago, Ill. Combination spout and shower diverter valve. 2,022,875; Dec. 3.
- Zinn, Robert E., Chicago Heights, Ill., assignor to Victor Chemical Works. Method and apparatus for oxidizing phosphorus. 1,991,916; Feb. 19.
- Zinn, Robert E., Chicago Heights, assignor to Victor Chemical Works, Chicago, Ill. Coating flakes. 2,008,651; July 16.
- Zinn, Thelma H., Columbus, Ohio. Waving hair. 2,021,642; Nov. 19.
- Zinnbauer, William E., Detroit, Mich. Lock washer. 2,012,032; Aug. 20.
- Zinselmeyer, Walter, Remscheid-Lennep, assignor to the firm Barmer Maschinenfabrik Aktiengesellschaft, Wuppertal-Oberbarmen, Germany. Driving gear for artificial silk bobbin-spinning machines. 1,988,067; Jan. 15.
- Zinser, Paul R., assignor to Woodall Industries Incorporated, Detroit, Mich. Manufacture of thermoplastic sheet constructions. 1,999,796; Apr. 30.
- Zinser, Paul R., assignor to Woodall Industries Incorporated, Detroit, Mich. Making a die to reproduce natural wood grain or the like. 2,006,380; July 2.
- Zinser, Paul R., assignor to Woodall Industries Incorporated, Detroit, Mich. Fabrication of composition fiber board. 2,016,567; Oct. 8.
- Zinser, Paul R., assignor to Woodall Industries Incorporated, Detroit, Mich. Forming composition fiber board. 2,016,568; Oct. 8.
- Zinser, Paul R., assignor to Woodall Industries, Incorporated, Detroit, Mich. Die and its manufacture. 2,016,569; Oct. 8.
- Zinser, Paul R., assignor to Woodall Industries Incorporated, Detroit, Mich. Covered trim panel and manufacturing same. 2,019,641; Nov. 5.
- Zinser, Paul R., and A. F. H. Scott, Detroit, Mich., assignors to Woodall Industries Incorporated. Casket. 1,899,962; Feb. 5.
- Zint, George, Wapakoneta, Ohio. Cigarette mold. 2,009,000; July 23.
- Zintsmaster, Tim. (See Wittmer, R. J., and Zintsmaster.)
- Zipay, John R., Pittsburgh, Pa. Variable pitch propeller mechanism. 1,998,152; Apr. 16.
- Zippel, Hyman M., Philadelphia, Pa. Knitting machine. 1,992,982; Mar. 5.
- Zipper, Emil and W. Zipper, Vienna, Austria. Wheel for power-driven vehicles and the like. 2,024,264; Dec. 17.
- Zipper, Walter. (See Zipper, Emil and W.)
- Zipper, Walter, Vienna, Austria. Powder box. 2,013,197; Sept. 3.
- Zipperer, Otis E. (See Koonce, C. L., and Zipperer.)
- Ziska, Adam, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Method of and apparatus for cooling heated articles. 2,009,078; July 23.
- Ziska, Adam, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Enamel spraying booth. 2,026,080; Dec. 31.
- Ziskin, Manuel S., and V. D. Zeve, assignors to V. D. Zeve, Incorporated, Cleveland, Ohio. Bottle warmer and sterilizer. 1,994,206; Mar. 12.
- Ziskin, Manuel S., and V. D. Zeve, assignors to V. D. Zeve, Inc., Cleveland, Ohio. Apparatus for evaporating liquids. 1,994,331; Mar. 12.
- Zitscher, Arthur. (See Baltes, M., Briesewitz, and Zitscher.)
- Zitscher, Arthur. (See Laska, L., and Zitscher.)
- Zitscher, Arthur. (See Laska, L., Zitscher, Fischer and Lamberz.)
- Zitscher, Arthur, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo-dyestuff and fiber dyed therewith. 2,009,058; July 23.
- Zitscher, Arthur, Offenbach-on-the-Main, and W. Lamberz, Leverkusen-Wiesdorf, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo-dyestuffs and fiber dyed therewith. 2,000,313; May 7.
- Zitscher, Arthur, and W. Seidenfaden, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Hydrazine sulphonate. 2,018,103; Oct. 22.
- Zlábek, Karel, Prague, Czechoslovakia. Front feed device for bookkeeping machines. 1,992,562; Feb. 26.
- Zodtner, Heinrich. (See Schumacher, H., and Zodtner.)
- Zola, John C. (See Fix, E. L., and Zola.)
- Zola, John C., Tarentum, Pa., assignor to Duplate Corporation. Laminated glass. 2,003,330; June 4.
- Zolleis, John G., Philadelphia, Pa. Valve. 2,012,091; Aug. 20.
- Zoller, Arnold, Berlin, Germany. Internal combustion engine. 2,014,678; Sept. 17.
- Zollinger, John, Oakhurst, N. J. Decantation apparatus and method. 1,989,503; Jan. 29.
- Zolotas, Paul, Milledgeville, Ga. Barbecue apparatus. 2,012,702; Aug. 27.
- Zook, Alvin D., Pueblo, Colo. Device for use in cleaning steering wheels. 2,005,925; June 25.
- Zook, John S., assignor to Burgess Battery Company, Freeport, Ill. Hand lamp. 1,986,242; Jan. 1.
- Zorn, Hermann, and G. Hofmann, Ludwigshafen-on-the-Rhine, and W. Rosinsky, Oppau, Germany, assignors to I. G. Farbenindustrie, Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of lubricating oils. 2,025,490; Dec. 24.
- Zorn, Walter M., East Cleveland, and W. F. Egger, Euclid Village, assignors to The Low Temperature Processing Company, Cleveland, Ohio. Method of and apparatus for treating material. 1,989,728; Feb. 5.
- Zorn, Walter M., and T. H. Eickhoff, East Cleveland, Ohio, assignors to The Low Temperature Processing Company. Treatment and concentration of liquids by freezing. 1,999,712; Apr. 30.
- Zorraquin, Guillermo, Buenos Aires, Argentina. Domestic sanitary appliance. 1,990,578; Feb. 12.
- Zotos Corporation. (See Seward, Robert B., assignor.)
- Zotos Corporation. (See Evans, Ralph L., assignor.)
- Zotos, Georg, Charlottenburg, Germany. Refining oils and the like by steam treatment. 2,001,444; May 14.
- Zottoli, Anthony M., Quincy, Mass. Acoustic coating material. 1,991,877; Feb. 19.
- Zouck, George H., Orange, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Locomotive power reverse gear. 2,017,086; Oct. 15.
- Zouck, George H., Orange, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Locomotive power reverse gear mechanism. 2,017,115; Oct. 15.
- Zouck, George H., Orange, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Lubricator. 2,025,080; Dec. 24.
- Zowatsky, Joseph, administrator. (See Cooper, Morris, assignor.)
- Zsach, Reinhold, Eindhoven, Netherlands, assignor to Radio Corporation of America. Machine for unwinding wire in which the unwinding coil is driven from a particular source of motion. 2,006,819; July 2.
- Zschesche, Johannes A. (See Nygren, K. A., and Zschesche.)
- Zschimmer & Schwarz Chemische Fabrik Dörlau. (See Jochem, O., and Hennig, assignors.)
- Zuazua, Ramon, Brooklyn, N. Y. Mouthpiece wiper. 1,993,985; Mar. 12.
- Zubaty, Joseph, Praha, Czechoslovakia. Swinging half axle for vehicles. 2,007,670; July 9.
- Zubaty, Joseph, Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Lost motion linkage for fuel pumps. 2,018,170; Oct. 22.
- Zublin, Caspar L., et al. (See Zublin, John A., assignor.)
- Zublin, Edward A., et al. (See Zublin, John A., assignor.)
- Zublin, John A., Bel Air, Calif. Method and apparatus for operating oil wells. 2,005,767; June 25.
- Zublin, John A., Bel Air, Calif. Protective coating of carbides. 2,021,040; Nov. 12.
- Zublin, John A., Los Angeles, Calif. Apparatus for fusing metals. 2,022,171; Nov. 26.
- Zublin, John A., Bel Air, Calif. Cutter for drill bits. 2,025,258; Dec. 24.
- Zublin, John A., Bel Air, Calif. Drill bit. 2,025,259; Dec. 24.
- Zublin, John A., Bel Air, Calif. Cutter for drill bits. 2,025,260; Dec. 24.
- Zublin, John A., Los Angeles, Calif. Drill bit. 2,025,261; Dec. 24.
- Zublin, John A., assignor of one-half to C. L. Zublin and one-half to E. A. Zublin, Los Angeles, Calif. Cutting edge for drilling tools and producing same. 1,995,284; Mar. 19.
- Zuch, Frank C. (See Turner, C. L., and Zuch.)
- Zuck, Stanley F., Ann Arbor, Mich., assignor to South Bend Bait Company, South Bend, Ind. Fish lure. 2,017,333; Oct. 15.
- Zucker, Richard D. Tenafly, assignor, by mesne assignments, to The Rumidor Corporation of New Jersey, Paterson, N. J. Humidor. 1,999,554; Apr. 30.
- Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company Permanent Trustee. Printing and associating mechanism. 2,016,309; Oct. 8.
- Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company. Permanent Trustee. Cutting webs. 2,023,501; Dec. 10.
- Zuckerman, Adolph M., assignor to Irving Trust Company, permanent trustee for R. Hoe & Co., Inc., New York, N. Y. Cutting, folding, and associating mechanism for printing machines. 2,026,515; Dec. 31.
- Zuckermendel, Edward C. (See Britton, E. C., Coleman, Zemba, and Zuckermendel.)
- Zucrow, Maurice J., Chicago, Ill. Fuel conditioning and supply system. 2,016,881; Oct. 8.

- Zucrow, Maurice J., Chicago, Ill. Charge-forming device. 2,017,643; Oct. 15.
- Zuili, Maurice, Paris, France. Permutation lock. 1,993,252; Mar. 5.
- Zullo, Basil M. (See Sanchez, R. F., and Zullo.)
- Zundel, Eugene A., assignor of twenty-five one-hundredths to F. A. Fenn, Los Angeles, Calif. Seat. 2,008,379; July 16.
- Zurcher, Ernest, Schenectady, N. Y., assignor to General Electric Company. Circuit breaker. 2,001,513; May 14.
- Zurn, J. A., Manufacturing Company. (See Rieger, E. M., Paulin, and Zurn, assignors.)
- Zurn, Melvin A. (See Rieger, E. M., Paulin, and Zurn.)
- Zuschlag, Theodor, assignor to Swedish American Prospecting Corporation, New York, N. Y. Electrical prospecting. 1,997,163; Apr. 9.
- Zuschlag, Theodor, assignor to Swedish American Prospecting Corporation, New York, N. Y. Electrical characteristics of conductors. 1,997,164; Apr. 9.
- Zwald, Adolph, Torrance, Calif. One way brake. 2,001,810; May 21.
- Zwart, Herman, Amsterdam, Netherlands. Machine for pressing poultry food and other plastic mixtures. 2,007,104; July 2.
- Zwerling, Harry, New York, N. Y. Ventilator. 1,986,176; Jan. 1.
- Zwermann, Carl H., Jr., et al, executors. (See Zwermann, Carl H.)
- Zwermann, Carl H., deceased, Robinson, III., H. Zwermann and C. H. Zwermann, Jr., executrix and executor. Water closet. 2,006,828; July 2.
- Zwermann, Helene, et al, executors. (See Zwermann, C. H.)
- Zwick, Kurt, Munich, assignor to F. Deckel, Munich-Prinz Ludwigshöhe, Germany. Pantograph engraving and copying machine. 2,018,697; Oct. 29.
- Zwick, Kurt, Munich, assignor to F. Deckel, Munich Prinz Ludwigshöhe, Germany. Cutter bearing. 2,024,196; Dec. 17.
- Zwicky, Jean, Beckington, Farnham Royal, assignor to Zwicky Limited, Slough, England. Filter. 2,024,753; Dec. 17.
- Zwicky Limited. (See Zwicky, Jean, assignor.)
- Zwicky, Melchior, Berkshire Heights, assignor to Textile Machine Works, Wyomissing, Pa. Safety device for straight knitting machines. 2,003,766; June 4.
- Zwierzina, Alois J., assignor to Ackerman-Blaesser-Fezzy, Inc., Detroit, Mich. Clutch mechanism. 2,001,758; May 21.
- Zwilmeyer, Frithjof, South Milwaukee, Wis., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Separation of secondary and tertiary amines. 1,992,111; Feb. 19.
- Zwilmeyer, Frithjof, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes and their preparation. 2,013,723; Sept. 10.
- Zwilmeyer, Frithjof, Hamburg, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Acetotricarballylic ester. 2,017,882; Oct. 22.
- Zworykin, Vladimir K., Haddonfield, N. J. Television system. 2,017,883; Oct. 22.
- Zworykin, Vladimir K., Haddonfield, N. J., assignor to Radio Corporation of America. Method of and apparatus for producing images of objects. 2,021,907; Nov. 26.
- Zworykin, Vladimir K., Haddonfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Television system. 2,022,450; Nov. 26.
- Zworykin, Vladimir K., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Recording system. 1,996,449; Apr. 2.
- Zworykin, Vladimir K., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Indicating device. 2,013,594; Sept. 3.
- Zworykin, Vladimir K., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. System for reception by television. 2,025,143; Dec. 24.
- Zworykin, Vladimir K., Haddonfield, and J. C. Batchelor, Edgewater Park, N. J., assignors to Radio Corporation of America. Cathode ray apparatus. 1,988,469; Jan. 22.
- Zwoyer, Walter R., Maywood, N. J., assignor, by mesne assignments, to Transparent-Wrap Machine Corporation, New York, N. Y. Automatic packaging machine. 1,986,422; Jan. 1.

LIST OF DESIGN PATENTEEES

- A. B. T. Manufacturing Company. (See Slezak, Vincent F., assignor.)
- Abowitz, Jacob, New York, N. Y. Shoe. 95,299; Apr. 23.
- Abowitz, Jacob, New York, N. Y. Shoe. 95,300; Apr. 23.
- Abowitz, Jacob, New York, N. Y. Shoe. 97,518; Nov. 19.
- Abramson, Abraham, assignor to Raylite Trading Co. Inc., New York, N. Y. Decorative light. 96,362; July 30.
- Abramson, Abraham, assignor to Raylite Trading Co., Inc., New York, N. Y. Decorative light. 96,795; Sept. 10.
- Ackerman, Arban J., New York, N. Y., assignor to Manning, Bowman & Co., Meriden, Conn. Tray or similar article. 97,543; Nov. 19.
- Ackerman, Arban J., New York, N. Y., assignor to Manning, Bowman & Co., Meriden, Conn. Waffle iron or similar article. 97,544; Nov. 19.
- Ackerman, Arban J., New York, N. Y., assignor to Manning, Bowman & Co., Meriden, Conn. Coffee urn or similar article. 97,658; Dec. 3.
- Ackerman, Arban J., New York, N. Y., assignor to Manning, Bowman & Co., Meriden, Conn. Toaster or the like. 97,659; Dec. 3.
- Ackerman, Arban J., New York, N. Y., assignor to Manning, Bowman & Co., Meriden, Conn. Table cooker or similar article. 97,660; Dec. 3.
- Ackerman, Arban J., New York, N. Y., assignor to Manning, Bowman & Co., Meriden, Conn. Waffle iron or similar article. 97,661; Dec. 3.
- Ackerman, Arban J., New York, N. Y., assignor to Manning, Bowman & Co., Meriden, Conn. Tray or similar article. 97,662; Dec. 3.
- Ackerman, Arban J., New York, N. Y., assignor to Manning, Bowman & Co., Meriden, Conn. Coffee percolator or similar article. 97,663; Dec. 3.
- Ackerman, Arban J., New York, N. Y., assignor to Manning, Bowman & Co., Meriden, Conn. Coffee urn or similar article. 97,976; Dec. 31.
- Ackerman, Arban J., New York, N. Y., assignor to Manning, Bowman & Co., Meriden, Conn. Percolator or the like. 97,977; Dec. 31.
- Ackerman, Arban J., New York, N. Y., assignor to Manning, Bowman & Co., Meriden, Conn. Creamer or similar article of hollow ware. 97,978; Dec. 31.
- Ackerman, Arban J., New York, N. Y., assignor to Manning, Bowman & Co., Meriden, Conn. Cocktail shaker or similar article. 97,979; Dec. 31.
- Acme Electric & Manufacturing Company, The. (See Comstock, James A., assignor.)
- Adaire, William R., Washington R. I., assignor to Gehring, Solomon & Birnbaum, Inc., New York, N. Y. Lace. 95,478; May 7.
- Adaire, William R., Washington, R. I., assignor to Gehring, Solomon & Birnbaum, Inc., New York, N. Y. Lace. 95,723; May 28.
- Adam, Frank, Electric Company. (See Adam, Frederick B., assignor.)
- Adam, Frederick B., Huntleigh Village, Mo., assignor to Frank Adam Electric Company, St. Louis, Mo. Electric heater. 95,301; Apr. 23.
- Adams Bros. & Co. (See Adams, Willis B., assignor.)
- Adams, Frank D. (See Paine, E. E., and Adams.)
- Adams, S. G. Company. (See Heise, Richard H., assignor.)
- Adams, Wilbur H., Cleveland Heights, Ohio, assignor to Perfection Stove Company, Cleveland, Ohio. Range. 96,882; Sept. 17.
- Adams, Wilbur H., Cleveland Heights, Ohio, assignor to Perfection Stove Company, Cleveland, Ohio. Range. 96,883; Sept. 17.
- Adams, Wilbur H., Cleveland Heights, Ohio, assignor to Perfection Stove Company, Cleveland, Ohio. Cook stove. 96,884; Sept. 17.
- Adams, Wilbur H., Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Drum section for heating stoves. 96,954; Sept. 24.
- Adams, Wilbur H., Cleveland assignor to The Colson Company, Elyria, Ohio. Velocipede. 97,172; Oct. 15.
- Adams, Wilbur H., and C. J. Kessler, Cleveland Heights, assignors to Perfection Stove Company, Cleveland, Ohio. Heating stove. 96,952; Sept. 24.
- Adams, Wilbur H., and C. J. Kessler, Cleveland Heights, assignors to Perfection Stove Company, Cleveland, Ohio. Heating stove. 96,953; Sept. 24.
- Adams, William J., Jr., Hartsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Panel mat. Des. 94,808; Mar. 12.
- Adams, William J., Jr., Hartsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Panel mat. Des. 94,809; Mar. 12.
- Adams, William J., Jr., Hartsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Panel mat. Des. 94,810; Mar. 12.
- Adams, William J., Jr., Hartsdale, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Panel mat. 96,213; July 16.
- Adams, William J., Jr., Hartsdale, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Panel mat. 96,214; July 16.
- Adams, William J., Jr., Hartsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Panel mat. 96,523; Aug. 13.
- Adams, William J., Jr., Hartsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Nameplate. 96,524; Aug. 13.
- Adams, William J., Jr., Hartsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Nameplate. 96,637; Aug. 27.
- Adams, William J., Jr., Hartsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Panel mat. 96,717; Sept. 3.
- Adams, William J., Jr., Hartsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cabinet. 97,695; Dec. 3.
- Adams, William J., Jr., Hartsdale, N. Y., and W. A. Woods, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Panel mat. 96,571; Aug. 13.
- Adams, Willis B., Oak Park, assignor to Adams Bros & Co., Chicago, Ill. Jar. 95,888; June 11.
- Aeolian American Corporation. (See Kavanagh, Gardner C., assignor.)
- Affolter, Don F., St. Louis, Mo. Combination salt and pepper shaker. Des. 94,721; Mar. 5.
- Agramonte, Jules, Birmingham, Mich., assignor to General Motors Corporation, Detroit, Mich. Automobile or similar article. 95,302; Apr. 23.
- Ahnström, Erik G., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 96,525; Aug. 13.
- Ahnström, Erik G., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner casing. 97,967; Dec. 24.
- Ahrens, Clyde W., assignor to Mission Dry Corporation, New York, N. Y. Bottle. Des. 94,936; Mar. 26.
- Ahrens, Clyde W., assignor to Mission Dry Corporation, New York, N. Y. Bottle. 95,787; June 4.
- Ahrens, Clyde W., assignor to Tonkin Distributing Co., San Francisco, Calif. Bottle. 96,885; Sept. 17.
- Aine, Jacob, New York, N. Y. Shoe. 95,108; Apr. 9.
- Air Reduction Company. (See Hasbrouck, David M., assignor.)
- Alexander, Donald. (See Eksbergian, C. L., and Alexander.)
- Algeo, John S., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jug or similar article. Des. 94,722; Mar. 5.
- Algeo, John S., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jug or similar article. Des. 94,723; Mar. 5.
- Allen, Grosvenor N., assignor to Oneida Community Limited, Oneida, N. Y. Spoon or similar article. 96,577; Aug. 20.
- Allen, Grosvenor N., M. P. Fleming, and C. A. Bennett, assignors to Oneida Community, Limited, Oneida, N. Y. Spoon or similar article. 95,109; Apr. 9.
- Allen, Grosvenor N., C. A. Bennett, and L. E. Ressegger, assignors to Oneida Limited, Oneida, N. Y. Spoon or similar article. 96,000; June 25.
- Allen, James. (See Van Schelle, M., and Allen.)
- Allen, John E. (See Balthazar, A., and Allen.)
- Allen, S. L. & Co. Inc. (See Bowen, James M., assignor.)
- Alloy, Jack, et al. (See Yerkes, John C., assignor.)
- Alper, Esther, Brooklyn, N. Y. Textile fabric or the like. 95,213; Apr. 16.
- Alper, Esther, Brooklyn, N. Y. Lace. 95,479; May 7.
- Alpine Electric Corporation. (See Butler, W. L., and Walsh, assignors.)
- Alter, Leo, Chicago, Ill. Wreath. 96,718; Sept. 3.
- Alterson, Louis, New York, N. Y. Buckle. 96,001; June 25.
- Alterson, Louis, New York, N. Y. Buckle. 96,292; July 23.
- Altorfer, Alpheus W., Peoria, Ill. Washing machine tub. 96,437; Aug. 6.
- Altorfer, Alpheus W., Peoria, Ill. Washing machine casing. 96,438; Aug. 6.
- Altorfer, Alpheus W., Peoria, Ill. Casing for a combined washing machine and centrifugal drier. 96,439; Aug. 6.
- Altorfer, Alpheus W., Peoria, Ill. Ironing machine cabinet. 96,440; Aug. 6.
- Aluminum Cooking Utensil Company, The. (See Anderson, Reed A., assignor.)
- Aluminum Cooking Utensil Company, The. (See Breneman, Anetta, assignor.)
- Aluminum Cooking Utensil Company, The. (See Guild, Lurette, assignor.)
- Alvin Corporation, The. (See Price, James R., assignor.)
- American Brass Company, The. (See Davis, Albert L., assignor.)
- American Distilling Company. (See Key, Abraham L., assignor.)
- American Fabrics Company, The. (See Barnum, Harry B., assignor.)
- American Fabrics Company, The. (See Juestrich, Max U., assignor.)

- American Fork & Hoe Company, The. (See Burdick, John S., assignor.)
- American Hair & Felt Company. (See Clements, Arthur L., assignor.)
- American Hard Rubber Company. (See Carson, Oswald B., assignor.)
- American Houses, Inc. (See McLaughlin, Robert W., Jr., assignor.)
- American Machine & Foundry Company. (See Jackson, Edith A., assignor.)
- American Machine and Metals, Inc. (See Thomsen, W. A. V. and Gross, assignors.)
- American-National Company, The. (See Rideout, John G., assignor.)
- American National Company, The. (See van Doren, H. L. and Rideout, assignors.)
- American Optical Company. (See Splaine, Edward M.)
- American Radiator Company. (See Kirchheim, W. H., and Reynolds, assignors.)
- American Radiator Company. (See Manning, Fowler, assignor.)
- American Radiator Company. (See Patten, Raymond E., assignor.)
- American Record Corporation. (See Lesnik, Seymour J., assignor.)
- American Sales Book Company. (See Teague, Walter D., assignor.)
- American Seating Company. (See Bond, Willard H., Jr., assignor.)
- American Spirits, Inc. (See Kessler, Sidney, assignor.)
- American Stove Company. (See Brodbeck, Almer H., assignor.)
- American Stove Company. (See Frick, William H., assignor.)
- American Tap-Bush Company. (See Rice, Frank E., assignor.)
- Amity Leather Products Co. (See St. Thomas, William H., assignor.)
- Ampl-Phone Products Co. (See Herrick, Chester L., assignor.)
- Amrine, Leclare H., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Gaming machine case. Des. 94,937; Mar. 26.
- Amrine, Leclare H., assignor to Imperial Molded Products Corporation, Chicago, Ill. Skillet or similar article. 96,002; June 25.
- Andersen, Jorgen C., assignor of three fourths to Theodore Christie, Rochester, N. Y. Corner trimmer for cards or similar articles. 97,664; Dec. 3.
- Anderson, Alfred C., assignor to William A. Hardy & Sons Co., Fitchburg, Mass. Street sign. Des. 94,458; Feb. 5.
- Anderson, Bert J., Hammond, Ind. Rear Frame Body for a Velocipede. 95,214; Apr. 16.
- Anderson, Bert J., Hammond, Ind. Handle bar shield. 96,078; July 2.
- Anderson, Bert J., Hammond, Ind. Velocipede frame member. 96,153; July 9.
- Anderson, Bert J., Hammond, Ind. Rear member for a velocipede frame. 97,449; Nov. 12.
- Anderson, Bert J., Hammond, Ind. Velocipede. 97,545; Nov. 19.
- Anderson, Frank H., Birmingham, Ala. One-piece uniform. 96,079; July 2.
- Anderson, George W., assignor to The General Tire & Rubber Company, Akron, Ohio. Vehicle tire. 96,796; Sept. 10.
- Anderson, George W., assignor to The General Tire & Rubber Company, Akron, Ohio. Vehicle tire. 96,797; Sept. 10.
- Anderson, Harry W., Chicago, Ill. Beer coll cleaner. 95,724; May 28.
- Anderson, Reed A., assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Steam jacketed kettle. 96,638; Aug. 27.
- Anderson, William K., Dearborn, Mich., assignor to Westinghouse Electric & Manufacturing Company. Stand for supporting testing equipment. Des. 94,459; Feb. 5.
- Andrade, Julio, Royal Oak, Mich., assignor to General Motors Corporation, Detroit, Mich. Automobile or similar article. 95,303; Apr. 23.
- Andrade, Julio, Royal Oak, Mich., assignor to General Motors Corporation, Detroit, Mich. Automobile or similar article. 96,716; Aug. 27.
- Andrews, Archie M., Greenwich, Conn. Cigarette lighter. 95,110; Apr. 9.
- Andrews, Archie M., Greenwich, Conn. Cigarette lighter. 95,111; Apr. 9.
- Andrews, Charles, Rockford, Ill., assignor to The Washburn Company, Worcester, Mass. Flour sifter or the like. 97,173; Oct. 15.
- Andrews, Charles T., assignor to Marvin Nelson, Montreal, Quebec, Canada. Lamp. 95,571; May 14.
- Andrews, James L., Birmingham, Ala. Mixer. Des. 94,589; Feb. 19.
- Andrews, Jerome E., Andover, Mass. Shoe. 95,725; May 28.
- Andrews, John R. C., East Angus, Quebec, Canada. Face plate for motor signals. 97,887; Dec. 24.
- Andrews, P. L., Corporation. (See Andrews, Stuart M., assignor.)
- Andrews, Stuart M., Brooklyn, assignor to P. L. Andrews Corporation, Glendale, Long Island, N. Y. Collapsible carton. Des. 94,938; Mar. 26.
- Andrews, Stuart M., Brooklyn, assignor to P. L. Andrews Corporation, Glendale, Long Island, N. Y. Collapsible carton. 95,726; May 28.
- Annick, Michael, assignor to F. Wesel Manufacturing Company, Scranton, Pa. Shaving machine. 95,572; May 14.
- Ansley, Arthur C., New York, N. Y. Phonograph Pick-Up. 95,198; Apr. 16.
- Ansley, Arthur C., New York, N. Y. Combined radio and phonograph cabinet. 95,395; Apr. 30.
- Ansonia Bootery, Inc. (See Epstein, Samuel, assignor.)
- Antman, Abraham, New York, N. Y. Dress. Des. 94,179; Jan. 1.
- Antman, Abraham, New York, N. Y. Dress. Des. 94,180; Jan. 1.
- Antman, Abraham, New York, N. Y. Dress. Des. 94,181; Jan. 1.
- Apex Electrical Manufacturing Company, The. (See Frantz, Clarence G., assignor.)
- Apex Electrical Manufacturing Company, The. (See Walker, George W., assignor.)
- Apfel, Bertha, New York, N. Y. Hat. 97,219; Oct. 15.
- Apfel, Sol, New York, N. Y. Hat. 96,080; July 2.
- Applebaum, Shirley, New York, N. Y. Curtain. 95,168; Apr. 16.
- Aridor Company, The. (See Peck, Robert G., Jr., assignor.)
- Arkin, Bertha, New York, N. Y. Shoe. 96,579; Aug. 20.
- Arkin, Bertha, New York, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. Des. 94,644; Feb. 26.
- Arkin, Bertha, New York, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. 96,578; Aug. 20.
- Arkin, Bertha, New York, N. Y., assignor to Bancroft Walker Company, Waltham, Mass. Shoe. 97,450; Nov. 12.
- Armand Company, The. (See Weeks, Carl, assignor.)
- Armstrong, D., & Company, Inc. (See Levin, David, assignor.)
- Armstrong, Murray, Los Angeles, Calif. Corner shelf. 97,830; Dec. 17.
- Arnold, Eugene, Torrington, Conn. Sewing machine spool holder. 96,363; July 30.
- Aro Equipment Corporation, The. (See Carter, John F., assignor.)
- Arons, Louis, Chicago, Ill. Short and top combination underwear suit for men. 96,081; July 2.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Pyrophoric lighter. 96,639; Aug. 27.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Pyrophoric lighter. 97,247; Oct. 22.
- Arrow Manufacturing Company. (See Guttman, John, assignor.)
- Arrow Manufacturing Company. (See Guttman, John B., assignor.)
- Art Metal Company, The. (See Glatthar, G. E., and Wenig, assignors.)
- Art Metal Construction Company. (See Kidd, William E., assignor.)
- Art Metal Works, Inc. (See Aronson, Louis V., assignor.)
- Artercraft Metal and Electrical Products, Inc. (See Shapiro, Solomon, assignor.)
- Artercraft Optical Co. (See Grom, Henry W., assignor.)
- Artercraft Optical Co. Inc. (See Grom, Henry W., assignor.)
- Artercraft Optical Co. (See Grom, H. W., and Eagle, assignors.)
- Arthraft Sign Company, The. (See Tschanz, Frederick B.)
- Askew, Charles P., assignor to The Canton Glass Company, Marion, Ind. Fish bowl or similar article. 95,727; May 28.
- Atkins, Thomas R., Cliftondale, Mass. Shoe. 95,169; Apr. 16.
- Atkins, Thomas R., Cliftondale, assignor to United Shoe Pattern Co., Boston, Mass. Shoe. Des. 94,590; Feb. 19.
- Atkins, Thomas R., Cliftondale, assignor to United Shoe Pattern Co., Boston, Mass. Shoe. Des. 94,591; Feb. 19.
- Atkins, Thomas R., Cliftondale, assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. Des. 94,811; Mar. 12.
- Atkins, Thomas R., Cliftondale, Mass., assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 95,304; Apr. 23.
- Atkins, Thomas R., Cliftondale, Mass., assignor to Colella and Leighton Shoe Company, Lynn, Mass. Shoe. 95,305; Apr. 23.
- Atkins, Thomas R., Cliftondale, assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 95,480; May 7.
- Atkins, Thomas R., Cliftondale, assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 95,481; May 7.
- Atlas Metal Products Corporation. (See Kestin, Irving M., assignor.)
- Atwood Vacuum Machine Company, The. (See Lustig, Walter R., assignor.)
- Auburn Automobile Company. (See Buehrig, Gordon M., assignor.)
- Audino, Lorenzo, East Elmhurst, N. Y. Shoe or similar article. 95,788; June 4.
- Audino, Lorenzo, East Elmhurst, N. Y. Shoe or similar article. 95,789; June 4.
- Audino, Lorenzo, East Elmhurst, N. Y. Shoe or similar article. 96,082; July 2.
- Audino, Lorenzo, East Elmhurst, N. Y. Shoe or similar article. 96,083; July 2.

- Audino, Lorenzo, East Elmhurst, N. Y. Shoe or similar article. 96,084; July 2.
- Audino, Lorenzo, East Elmhurst, N. Y. Shoe or similar article. 96,719; Sept. 3.
- Aufero, John M., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heater. 96,798; Sept. 10.
- Autogas Corporation. (See Iannelli, Alfonso, assignor.)
- Auto Radiator Manufacturing Co. (See Kirsch, B., and Grade, assignor.)
- Avedon, Harvey, East Elmhurst, N. Y. Box or similar container. 97,831; Dec. 17.
- Aviles, Alfonso E., assignor of one-third to F. Mexia, Nogales, Ariz. Sugar dispenser. 96,364; July 30.
- Awamy, Michael E., New York, N. Y. Two-piece slip. 95,790; June 4.
- B/G Foods, Inc. (See Ward, Ralph H., assignor.)
- Bach, Alfons, New York, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Rug. Des. 94,724; Mar. 5.
- Bach, Alfons, New York, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Rug. 96,799; Sept. 10.
- Bach, Alfons, New York, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Rug. 96,800; Sept. 10.
- Bach, Alfons, New York, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Rug. 96,801; Sept. 10.
- Bach, Alfons, New York, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Rug. 96,802; Sept. 10.
- Bach, Alfons, New York, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Rug. 96,803; Sept. 10.
- Bach, Alfons, New York, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Rug. 96,804; Sept. 10.
- Bach, Alfons, New York, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Rug. 96,805; Sept. 10.
- Bachmeyer, George J., Kalamazoo, Mich. Garment hanger. 97,696; Dec. 3.
- Back, Robert, assignor to The Wahl Company, Chicago, Ill. Fountain pen. Des. 94,375; Jan. 22.
- Badger, Thomas N., Berkeley, Calif. Dustpan. Des. 94,592; Feb. 19.
- Baer, Albert M., New York, N. Y. Paring knife or similar article. Des. 94,528; Feb. 12.
- Baer, Albert M., New York, N. Y. Paring knife or similar article. Des. 94,529; Feb. 12.
- Baer, Lawrence E., Attleboro, Mass., assignor to The Baer & Wilde Co., Inc. Collar holder. Des. 94,460; Feb. 5.
- Baer, Lawrence E., Attleboro, Mass., assignor to The Baer & Wilde Company. Cravat holder. 97,752; Dec. 10.
- Baer & Wilde Co., The. (See Baer, Lawrence E., assignor.)
- Baetz, Walter, New York, N. Y. Toy vehicle or the like. 95,791; June 4.
- Baetz, Walter, New York, N. Y. Toy vehicle or the like. 95,792; June 4.
- Baetz, Walter, New York, N. Y. Toy vehicle or the like. 95,793; June 4.
- Bahr, Gustave F., Fairfield, assignor to J. H. Cohen, Bridgeport, Conn. Fender apron. 96,806; Sept. 10.
- Baillargeon, Jean B., Montreal, Quebec, Canada. Automobile truck body. 97,888; Dec. 24.
- Bakelite Building Products Co. Inc. (See Harshberger, Norman P., assignor.)
- Baker & Company. (See Eichmuller, Ferdinand, assignor.)
- Baker, Ellis T. (See Stieff, G. N., and Baker.)
- Baker Furnitures Factories, Inc. (See Millington, William, assignor.)
- Baker, Marie, Salem, Oreg. Molded jelly or similar food product. 97,889; Dec. 24.
- Bakke, Hans A., Swampscott, Mass., assignor to General Electric Company. Meter protective casing. Des. 94,322; Jan. 15.
- Baldwin Company, The. (See Day, Wilbur M., assignor.)
- Baldwin Company, The. (See Rich, Marion Y., assignor.)
- Baldwin, Elvora E., Denver, Colo. Hair curler. 96,154; July 9.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Rack. 95,112; Apr. 9.
- Balf, Theodore, Rye, N. Y. Finger ring. 96,526; Aug. 13.
- Ball Brothers Company. (See Ball, Frank E., assignor.)
- Ball Brothers Company. (See Petty, Fred J., assignor.)
- Ball Brothers Company. (See Sheffield, Earl A., assignor.)
- Ball, Charles P., Jr., assignor to The Torrington Company, Torrington, Conn. Bicycle handlebar stem. 95,306; Apr. 23.
- Ball, Charles P., Jr., assignor to The Torrington Company, Torrington, Conn. Bicycle handlebar stem. 95,307; Apr. 23.
- Ball, Frank E., assignor to Ball Brothers Company, Muncie, Ind. Bottle. Des. 94,461; Feb. 5.
- Ball, Frank E., assignor to Ball Brothers Company, Muncie, Ind. Flask. Des. 94,462; Feb. 5.
- Ball, George E., Cranston, R. I. Combination lipstick container and mirror. 96,886; Sept. 17.
- Ball, George E., Cranston, R. I. Combination lip stick container and mirror. 97,426; Nov. 5.
- Ball, Percy B., North Attleboro, assignor to The Watson Company, Attleboro, Mass. Spoon or similar article. Des. 94,939; Mar. 26.
- Ball, Percy B., assignor to The Watson Company, Attleboro, Mass. Fork or similar article. 95,113; Apr. 9.
- Ball, Theodore, New York, N. Y. Hand bag or similar article. 96,293; July 23.
- Ball, Theodore, New York, N. Y. Hand bag or similar article. 97,451; Nov. 12.
- Ball, Theodore, New York, N. Y. Combination hand bag and camera or similar article. 97,452; Nov. 12.
- Ballard, Noel T., Omak, Wash. Paint can or similar article. 97,890; Dec. 24.
- Balthazar, Arthur, assignor to The Fisk Rubber Corporation, Chicopee Falls, Mass. Tire. 96,580; Aug. 20.
- Balthazar, Arthur, assignor to The Fisk Rubber Corporation, Chicopee Falls, Mass. Tire. 96,581; Aug. 20.
- Balthazar, Arthur, and J. E. Allen, Chicopee Falls, Mass., assignors to Gamble Stores, Inc., Minneapolis, Minn. Tire. 95,622; May 21.
- Balthazar, Arthur, and J. E. Allen, Chicopee Falls, Mass., assignors to Gamble Stores, Inc., Minneapolis, Minn. Tire. 95,623; May 21.
- Balthazar, Arthur, and J. E. Allen, Chicopee Falls, Mass., assignors to Gamble Stores, Inc., Minneapolis, Minn. Tire. 95,624; May 21.
- Balthazar, Arthur, and J. E. Allen, Chicopee Falls, Mass., assignors to Gamble Stores, Inc., Minneapolis, Minn. Tire. 95,625; May 21.
- Balton, James, Baltimore, assignor of one-fourth to Joseph Shapiro, Baltimore, Md., one-fourth to Isaac Shapiro, Chicago, Ill., one-fourth to Nathan Shapiro, and one-fourth to Samuel Shapiro, Chelsea, Mass. Ice cream cone. 96,582; Aug. 20.
- Balton, James, assignor of one-fourth to J. Shapiro, Baltimore, Md., one-fourth to I. Shapiro, Chicago, Ill. and one-fourth to N. Shapiro, and one-fourth to S. Shapiro, Chelsea, Mass. Ice cream cup. 97,832; Dec. 17.
- Baltzer, Howard A., Hamburg, N. Y. Jig-saw puzzle. Des. 94,323; Jan. 15.
- Baubach, Louis P., Harrison, N. Y. Jig-saw, card, and fortune game device. 96,215; July 16.
- Bancroft, Albert F., Newton, assignor to Bancroft Walker Co., Waltham, Mass. Shoe. Des. 94,473; Feb. 5.
- Bancroft, Albert F., Newton, assignor to Bancroft Walker Co., Waltham, Mass. Shoe. Des. 94,593; Feb. 19.
- Bancroft, Albert F., Newton, assignor to Bancroft Walker Co., Waltham, Mass. Shoe. Des. 94,940; Mar. 26.
- Bancroft, Albert F., Newton, Mass., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. 96,085; July 2.
- Bancroft, Albert F., Newton, assignor to Bancroft Walker Co., Waltham, Mass. Shoe. 96,583; Aug. 20.
- Bancroft, Marjorie, Newton, Mass. Shoe. Des. 94,376; Jan. 22.
- Bancroft Walker Co. (See Arkin, Bertha, assignor.)
- Bancroft Walker Co. (See Bancroft, Albert F., assignor.)
- Bancroft Walker Co. (See Borda, Pasquale, assignor.)
- Bancroft Walker Co. (See Cohan, Alice.)
- Bancroft Walker Co. (See Davies, Josephine, assignor.)
- Bancroft Walker Co. (See Keyes, Kenneth B., assignor.)
- Bancroft Walker Co. (See Levin, David, assignor.)
- Bancroft Walker Co. (See Morrell, Louis D., assignor.)
- Bangs, Ralph C. (See Fenton, G. F., and Bangs.)
- Barber, Frank, Long Island City, N. Y. Shoe. 95,308; Apr. 23.
- Barq, Ed, Biloxi, Miss. Bottle. 98,026; Dec. 31.
- Barker, Jesse W., Geneva, N. Y. Combination coal and gas range. 96,640; Aug. 27.
- Barlow & Seelig Mfg. Co. (See Scott, Marshall R., assignor.)
- Barnhart, Homer W., Akron, Ohio. Automobile. 97,833; Dec. 17.
- Barnum, Harry B., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. 95,794; June 4.
- Barnum, Harry B., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. 95,795; June 4.
- Barnum, Harry B., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. 95,796; June 4.
- Barnum, Harry B., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. 96,294; July 23.
- Barnum, Harry B., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. 96,295; July 23.
- Barone, Anthony, and A. Bove, New Haven, Conn. Lollipop. 95,215; Apr. 16.
- Baronio, Franco A., New York, N. Y. Textile fabric. 96,584; Aug. 20.
- Baronio, Franco A., New York, N. Y. Textile fabric. 96,585; Aug. 20.
- Barry, David P., Corp. (See Guerin, Charles P., assignor.)
- Bars, Jacques M., New York, N. Y., assignor to Warren Telechron Company. Clock case. 97,453; Nov. 12.
- Bars, Jacques M., New York, N. Y., assignor to Warren Telechron Company. Clock case. 97,753; Dec. 10.
- Barton Company, The. (See McGrath, Francis W., assignor.)
- Bassick Company, The. (See Martin, Raymond H.)
- Batkin, Isaac, New York, N. Y. Lamp shade. 95,728; May 28.
- Battery Patents Corporation. (See Pease, Earl E., assignor.)
- Bates Shoe Company. (See Sears, Francis I., assignor.)
- Baum, Greta, New York, N. Y. Blouse. 97,980; Dec. 31.
- Baum, Louis, New York, N. Y. Ensemble dress. 95,626; May 21.
- Baumbusch, Julius, Newark, N. J. Buckle. 97,454; Nov. 12.
- Baumgard, George H., Carlstadt, N. J., assignor to Eagle Pencil Company, New York, N. Y. Pencil Box or Similar Article. 95,170; Apr. 16.

- Baur, Robert A., Philadelphia, Pa. Table ornament or similar article. 97,891; Dec. 24.
- Bausch, Carl L., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Combined magnifier, rule, and gauge. Des. 94,464; Feb. 5.
- Bausch & Lomb Optical Company. (See Bausch, Carl L., assignor.)
- Bausch & Lomb Optical Company. (See Fassin, Gustave, assignor.)
- Bausch & Lomb Optical Company. (See Trautmann, Otto E., assignor.)
- Bausch & Lomb Optical Company. (See Williamson, Milton C., assignor.)
- Baylis, A. W., Co. (See Lien, Jean L., assignor.)
- Bayreuther, Karl, Selb, Germany, assignor to The Rosenthal China Corporation, New York, N. Y. Plate. 97,797; Dec. 10.
- Bayreuther, Karl, assignor to The Rosenthal China Corporation, New York, N. Y. Saucer. 97,798; Dec. 10.
- Bean, Ben, Seattle, Wash. Game apparatus. 97,372; Nov. 5.
- Beaumont, William H. and William N. (See Kraus, Henry.)
- Beck, Allen F., Columbus, Ohio. Grave vault hood or similar article. 95,396; Apr. 30.
- Beck, George H., Chicago, Ill. Display stand. 96,641; Aug. 27.
- Beck, George H., Chicago, Ill. Jar or similar receptacle. 97,373; Nov. 5.
- Beck, George H., Chicago, Ill., assignor to Marion Lambert, Inc., St. Louis, Mo. Vanity container. 95,889; June 11.
- Beck, Morris B., Woodmere, N. Y. Lighting fixture reflector. 97,834; Dec. 17.
- Bedford, Edward B., and M. P., Fleming, assignors to Oneida Community, Limited, Oneida, N. Y. Goblet or similar article. 97,755; Dec. 10.
- Beeston, Charles W., New York, N. Y. Combined smoking stand and lighter. 97,754; Dec. 10.
- Behr, William J., Jr., Montclair, N. J. Bottle Casing. 95,199; Apr. 16.
- Behr, William J., Jr., Montclair, N. J. Bottle Casing. 95,216; Apr. 16.
- Behr, William J., Jr., Montclair, N. J. Bottle casing. 96,881; Sept. 10.
- Beilinson, Dorothy, New York, N. Y. Dress. Des. 94,941; Mar. 26.
- Belda, Francisco, Benicalap, Spain. Paving block. 96,003; June 25.
- Zelgard-Spero, Inc. (See Spero, Bernard, assignor.)
- Bell & Howell Company, The. (See Stechbart, Bruno, assignor.)
- Bell Machine Company, The. (See Bell, Morris A., assignor.)
- Bell, Morris A., assignor to The Bell Machine Company, Oshkosh, Wis. Combined match cluster and holder. Des. 94,594; Feb. 19.
- Bell, Morris A., assignor to The Bell Machine Company, Oshkosh, Wis. Combined match cluster and holder. 97,374; Nov. 5.
- Bell Telephone Laboratories, Incorporated. (See Adams, William J., Jr., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Adams, W. J., Jr., and Woods, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Browne, Bennie O., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Lum, George R., assignor.)
- Bellaire Enamel Company, The. (See Rantsch, Alfred C., assignor.)
- Belli, Alma, Corona, N. Y. Blouse. 95,114; Apr. 9.
- Belmont Casket Mfg. Company, The. (See Neff, Harry A., assignor.)
- Beloit Dairy Co. (See McGulre, Daniel S., assignor.)
- Beltram, Quincy, assignor to International Edge Tool Co. Inc., Newark, N. J. Meat tenderer or suet cutter attachment for mallets. 97,428; Nov. 5.
- Bemis, Kenneth E., San Francisco, Calif. Door. Des. 94,531; Feb. 12.
- Benander, George B., Yalesville, Conn., assignor to The Monowatt Electric Corporation. Heater plug. 97,835; Dec. 17.
- Rendel, Henri, Inc. (See Gainor, Victor, assignor.)
- Bendix Aviation Corporation. (See Friez, Lucien L., assignor.)
- Benedict, T. N., Mfg. Co. (See Saunders, Albert F., assignor.)
- Benenati, Francesco, Brooklyn, N. Y. Buckle. 95,115; Apr. 9.
- Beneville, Paul V., Dumont, N. J., assignor to Bigelow Sanford Carpet Co., Inc. Carpet. 96,004; June 25.
- Beneville, Paul V., Dumont, N. J., assignor to Bigelow Sanford Carpet Co., Inc. Carpet. 96,005; June 25.
- Beniston, William J., Brooklyn, N. Y. Knitted textile fabric. Des. 95,010; Apr. 2.
- Benjamin, Benjamin, Freeport, N. Y. Shoe. 95,890; June 11.
- Benjamin, Benjamin, Freeport, N. Y. Shoe. 96,887; Sept. 17.
- Benjamin, Benjamin, Freeport, N. Y. Shoe. 97,034; Oct. 1.
- Benjamin, Benjamin, Freeport, N. Y. Shoe. 97,589; Nov. 26.
- Benjamin, Benjamin, Freeport, N. Y. Shoe. 97,665; Dec. 3.
- Benjamin, Benjamin, Freeport, N. Y. Shoe. 97,981; Dec. 31.
- Bennett, Arthur J., Cambridge, Ohio. Goblet or similar article. Des. 95,011; Apr. 2.
- Bennett, C. A. (See Allen, G. N., Fleming, and Bennett.)
- Bennett, Charles A. (See Allen, G. N., Bennett, and Resseger.)
- Bennett, Frank. (See Hallowell, H. T., and Bennett.)
- Bennett, John L., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Broiler utensil. 95,309; Apr. 23.
- Bennett, John L., and S. A. Platt, Decatur, Ill. Grill utensil. 95,574; May 14.
- Benninger, John, Cleveland, Ohio. Atomizer. 96,442; Aug. 6.
- Bentley, Benedict. (See Bentley, Rowland and B.)
- Bentley, Rowland, Mount Airy, and B. Bentley, Gladwyn, Pa. Vending machine cabinet. 95,891; June 11.
- Bereit, Otto F., assignor to The Defiance Pressed Steel Company, Defiance, Ohio. Steering wheel for automobiles. Des. 95,012; Apr. 2.
- Berenstein, Frank, assignor to Panther-Panco Rubber Co. Inc., Chelsea, Mass. Shoe heel. 96,006; June 25.
- Berenstein, Frank, assignor to Panther-Panco Rubber Co. Inc., Chelsea, Mass. Shoe heel. 96,007; June 25.
- Berenstein, Frank, assignor to Panther-Panco Rubber Co. Inc., Chelsea, Mass. Shoe sole. 96,721; Sept. 3.
- Berg, Hans, Grand Rapids, Mich., assignor to Fairbanks-Morse Home Appliances, Inc., Chicago, Ill. Radiocabinet. 97,519; Nov. 19.
- Berg, Hans, Grand Rapids, Mich., assignor to Fairbanks-Morse Home Appliances, Inc., Chicago, Ill. Radiocabinet. 97,520; Nov. 19.
- Berg, Hans, Grand Rapids, Mich., assignor to Fairbanks-Morse Home Appliances, Inc., Chicago, Ill. Radiocabinet. 97,521; Nov. 19.
- Berg, Hans, Grand Rapids, Mich., assignor to Fairbanks-Morse Home Appliances, Inc., Chicago, Ill. A radiocabinet. 97,631; Nov. 26.
- Berg, Hans, Grand Rapids, Mich., assignor to Fairbanks-Morse Home Appliances, Inc., Chicago, Ill. A radiocabinet. 97,632; Nov. 26.
- Berg, Hans, Grand Rapids, Mich., assignor to Fairbanks-Morse Home Appliances, Inc., Chicago, Ill. Radiocabinet. 97,633; Nov. 26.
- Berg, Hans, Grand Rapids, Mich., assignor to Fairbanks-Morse Home Appliances, Inc., Chicago, Ill. Radiocabinet. 97,634; Nov. 26.
- Berg, Hans, Grand Rapids, Mich., assignor to Fairbanks-Morse Home Appliances, Inc., Chicago, Ill. Radiocabinet. 97,635; Nov. 26.
- Bergen, Leland B., San Francisco, Calif. Bridle bit. 96,216; July 16.
- Berger, Emil J., Hatfield, assignor to Dexdale Hosiery Mills, Lansdale, Pa. Display stand for hosiery or the like. 95,797; June 4.
- Berger, William, assignor to J. Busch, Inc., New York, N. Y. Spoon. 97,455; Nov. 12.
- Bergeron, Lawrence G., assignor to The Mello Chime and Signal Corporation, Cleveland, Ohio. Signal chime. Des. 94,324; Jan. 15.
- Bering, Donald A., and D. W. Davisson, assignors to Shell Oil Company, San Francisco, Calif. Semitrailer tank body. 97,248; Oct. 22.
- Berlinstein, Harry L., Elmira, N. Y. Vanity case. 95,798; June 4.
- Berlinstein, Harry L., Elmira, N. Y. Hand mirror. 95,944; June 18.
- Berlinstein, Harry L., Elmira, N. Y. Compact. 97,836; Dec. 17.
- Berkshire Knitting Mills. (See Janssen, Henry, assignor.)
- Berland Shoe Stores, Inc., The. (See Shapiro, B., and Kay, assignors.)
- Bernhelm, Richard, New York, N. Y., assignor to R. Neumann & Company, Hoboken, N. J. Leather. Des. 94,942; Mar. 26.
- Bernier, Thomas A., Fargo, N. Dak. Combined knife and comb for fur cutters. 97,456; Nov. 12.
- Bernstein, Irving H., and M. Presslaff, New York, N. Y. Blouse or similar article. 95,217; Apr. 16.
- Bernstein, Irving H., and M. Presslaff, New York, N. Y. Scarf. 97,457; Nov. 12.
- Bernstein, Irving H., and M. Presslaff, New York, N. Y. Scarf. 97,458; Nov. 12.
- Bernstein, Max, New York, N. Y. Ensemble dress. Des. 94,645; Feb. 26.
- Bernstein, Max, New York, N. Y. Ensemble dress. Des. 94,646; Feb. 26.
- Bernstein, Max, New York, N. Y. Ensemble dress. Des. 94,647; Feb. 26.
- Bernstein, Max, New York, N. Y. Ensemble dress. Des. 94,725; Mar. 5.
- Bernstein, Max, New York, N. Y. Ensemble dress. Des. 94,726; Mar. 5.
- Bernstein, Max, New York, N. Y. Ensemble dress. Des. 94,727; Mar. 5.
- Bernstein, Max, New York, N. Y. Ensemble dress. Des. 94,728; Mar. 5.
- Bernstein, Max, New York, N. Y. Ensemble dress. Des. 94,729; Mar. 5.
- Bernstein, Max, New York, N. Y. Ensemble dress. Des. 94,869; Mar. 19.
- Bernstein, Milton, Brooklyn, assignor to National Silver Company, New York, N. Y. Knife or similar article. 96,720; Sept. 3.

- Berry, Frank K., and A. J. Reedy, Battle Creek, Mich. Cooking stove or similar article. 96,008; June 25.
- Berry, Frank K., and A. J. Reedy, Battle Creek, Mich. Cooking stove or similar article. 96,009; June 25.
- Berth, Sylvester M., assignor to Anton Szumny, doing business as Anton Szumny and Sons, Chicago, Ill. Set-tee frame or similar article. 97,249; Oct. 22.
- Berth, Sylvester M., assignor to Anton Szumny, doing business as Anton Szumny and Sons, Chicago, Ill. Set-tee frame or similar article. 97,250; Oct. 22.
- Berth, Sylvester M., assignor to Anton Szumny, doing business as Anton Szumny and Sons, Chicago, Ill. Set-tee frame or similar article. 97,251; Oct. 22.
- Berth, Sylvester M., assignor to Anton Szumny, doing business as Anton Szumny and Sons, Chicago, Ill. Set-tee frame or similar article. 97,252; Oct. 22.
- Berth, Sylvester M., assignor to Anton Szumny, doing business as Anton Szumny and Sons, Chicago, Ill. Set-tee frame or similar article. 97,253; Oct. 22.
- Berth, Sylvester M., assignor to Anton Szumny, doing business as Anton Szumny and Sons, Chicago, Ill. Set-tee frame or similar article. 97,254; Oct. 22.
- Best, Lloyd E., Kansas City, Mo. Street sign board. Des. 94,943; Mar. 26.
- Bienenstein, Andreas, assignor to The Conklin Pen Company, Toledo, Ohio. Fountain pen or similar writing implement. 96,888; Sept. 17.
- Bienenstein, Andreas, assignor to The Conklin Pen Company, Toledo, Ohio. Fountain pen or similar writing implement. 96,889; Sept. 17.
- Bienenstein, Andreas, assignor to The Conklin Pen Company, Toledo, Ohio. Fountain pen or similar writing implement. 96,890; Sept. 17.
- Bienenstein, Andreas, assignor to The Conklin Pen Company, Toledo, Ohio. Fountain pen or similar writing implement. 96,891; Sept. 17.
- Bienenstein, Andreas, assignor to The Conklin Pen Company, Toledo, Ohio. Fountain pen or similar writing implement. 96,892; Sept. 17.
- Bienenstein, Andreas, assignor to The Conklin Pen Company, Toledo, Ohio. Fountain pen or similar writing implement. 97,174; Oct. 15.
- Bigelow Sanford Carpet Co. (See Bach, Alfons, assignor.)
- Bigelow Sanford Carpet Co., Inc. (See Beneville, Paul V., assignor.)
- Bigelow-Sanford Carpet Co. (See Fago, Alfred V., assignor.)
- Bigelow-Sanford Carpet Co. (See Strobel, Harold C., assignor.)
- Bigelow-Sanford Carpet Co. (See Travis, John S., assignor.)
- Bigelow-Sanford Carpet Co. (See Tunnington, Alvah, assignor.)
- Bigelow-Sanford Carpet Co. (See Vetter, Ignatius J., assignor.)
- Billings, Robert E., City Island, assignor to Richfield Oil Corporation of New York, New York, N. Y. Automobile truck. Des. 95,013; Apr. 2.
- Billings, Robert E., City Island, assignor to Richfield Oil Corporation of New York, New York County, N. Y. Motor driven tank truck. 95,116; Apr. 9.
- Binder, Louis. (See Terrell, C. M., and Binder.)
- Binks Manufacturing Company. (See Wahlin, Fritz, assignor.)
- Birch, Frank E., trustee. (See Williams, Norman E., assignor.)
- Birnbaum, Leon, New York, N. Y. Lace. 96,893; Sept. 17.
- Birnbaum, Leon, New York, N. Y. Lace. 96,955; Sept. 24.
- Birnbaum, Leon, New York, N. Y. Lace. 97,112; Oct. 8.
- Birtman Electric Company. (See Morgan, John R., assignor.)
- Bisbey, Charles E., Metaline Falls, Wash. Recipe cabinet. 95,627; May 21.
- Bissell Carpet Sweeper Company. (See Pullen, Fred W., assignor.)
- Bissell Carpet Sweeper Company. (See Williams, Findley, assignor.)
- Bissell, Titus L., Birmingham, Ala. Toy. Des. 94,944; Mar. 26.
- Bisset, Libbie, Beach Haven, N. J. Window antirattling device. 96,155; July 9.
- Blacher, Benjamin, assignor to Blacher Brothers, Providence, R. I. Hand bag or the like. 95,483; May 7.
- Blacher Brothers. (See Blacher, Benjamin, assignor.)
- Blackhawk Mfg. Co. (See Pfauter, Edward M., assignor.)
- Blackmore, Charles C., Oakwood, Ohio. Toy wagon. 95,117; Apr. 9.
- Blackmore, Charles C., Oakwood, Ohio. Toy wagon. 96,296; July 23.
- Black Prince Distilleries, Inc., The. (See Steelman, James S., assignor.)
- Blaser, Joseph, New York, N. Y. Collar clasp or similar article. 96,894; Sept. 17.
- Blatz, Warren D., Bridgeport, Conn. Slide fastener. 97,035; Oct. 1.
- Bleich, Alfred, New York, N. Y. Display card. 96,010; June 25.
- Blitzer, Jacob H., assignor to Lightolier Company, New York, N. Y. Lighting unit. 96,011; June 25.
- Bloch, Richard, Pelham Manor, assignor to Liberty Lace and Netting Works, New York, N. Y. Lace. Des. 94,377; Jan. 22.
- Blomstrom, Herbert C., Springfield, Mass. Carpet. 97,629; Nov. 26.
- Blood, Mayme E., Downers Grove, Ill., assignor to Collingbourne Mills, Inc., Elgin, Ill. Crocheted brassiere. 95,575; May 14.
- Bloom, Nathan P., Louisville, Ky. Table. Des. 94,378; Jan. 22.
- Bloomington Bros. Inc. (See Deiches, Walter H., assignor.)
- Blue Plate Foods, Inc. (See Smith, Frasier, assignor.)
- Blum, Alvin H., Baltimore, Md., assignor to Blum's, Inc. Medal or similar article. 97,375; Nov. 5.
- Blum, Herman, Philadelphia, Pa. Textile fabric. 97,982; Dec. 31.
- Blum, Herman, Philadelphia, Pa. Textile fabric. 97,983; Dec. 31.
- Blum, Herman, Philadelphia, Pa. Textile fabric. 97,984; Dec. 31.
- Blum, Theodore S., New York, N. Y. Textile fabrics. 97,111; Oct. 1.
- Blum, Theodore S., New York, N. Y. Lace. 97,573; Nov. 19.
- Blumenthal, Sidney, & Co. (See Jacobsen, Earl S., assignor.)
- Blumenthal, Sidney & Co. (See Todd, Juanita, assignor.)
- Blumenthal, Sidney, & Co. Inc. (See Todd, Juanita, assignor.)
- Blum's, Inc. (See Blum, Alvin H., assignor.)
- Blumstein, Abraham, Brooklyn, N. Y. Watch dial. 96,642; Aug. 27.
- Bly, Ernest W., and H. H. Lutz, Cleveland, Ohio. Nut roasting machine. Des. 94,535; Feb. 12.
- Bobroff, Burnett L., Racine, Wis. Signal lamp for automotive vehicles. 96,586; Aug. 20.
- Boehme, John, assignor to Star Engraving Company, Houston, Tex. Finger Ring. 95,172; Apr. 16.
- Boeing Aircraft Company. (See Minshall, Robert J., assignor.)
- Boepple, Hans, New York, N. Y. Lady's sweater. 95,892; June 11.
- Boessneck, Frohmuth O., New York, N. Y. Textile fabric. 95,218; Apr. 16.
- Boessneck, Frohmuth O., New York, N. Y. Textile fabric. 95,945; June 18.
- Bojar, Leo, Providence, R. I. Bracelet or similar article of jewelry. 96,443; Aug. 6.
- Bojar, Leo, Providence, R. I. Bracelet or similar article of jewelry. 96,444; Aug. 6.
- Bolser, Clark M., assignor to The Bolser Corporation, Des Moines, Iowa. Burner tip housing. 97,345; Oct. 29.
- Bolser Corporation, The. (See Bolser, Clark M., assignor.)
- Bolster, Ernest L., assignor to Chair Town Manufacturing Co., Gardner, Mass. Tray for a high chair. Des. 94,731; Mar. 5.
- Bolotin, Hyman, assignor to Bolotin & Sheinin Company, Chicago, Ill. Finger ring. 97,666; Dec. 3.
- Bolotin & Sheinin Company. (See Bolotin, Hyman, assignor.)
- Bonat, Harry, assignor to H. and S. Bonat, doing business as Samuel Bonat and Bro., New York, N. Y. Electric heater for hair waving. 96,012; June 25.
- Bonat, Samuel, et al. (See Bonat, Harry, assignor.)
- Bonat, Samuel, and Bro. (See Bonat, Harry.)
- Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 96,643; Aug. 27.
- Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 96,644; Aug. 27.
- Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 96,807; Sept. 10.
- Bon Ton Beverages, Inc. (See Brenner, George M., assignor.)
- Booth, Earl C., Columbus, assignor to Noblitt-Sparks Industries, Inc., Indianapolis, Ind. Combined switch knob and escutcheon plate. 97,376; Nov. 5.
- Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Combined control knob and escutcheon plate for a radio set. 97,459; Nov. 12.
- Borda, Pasquale, Brooklyn, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. Des. 94,255; Jan. 8.
- Borda, Pasquale, Brooklyn, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. Des. 94,256; Jan. 8.
- Borda, Pasquale, Brooklyn, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. Des. 94,257; Jan. 8.
- Borda, Pasquale, Brooklyn, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. Des. 94,258; Jan. 8.
- Borda, Pasquale, Brooklyn, N. Y. Shoe. 95,310; Apr. 23.
- Borda, Pasquale, Brooklyn, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. 97,113; Oct. 8.
- Bordman, Herman, Philadelphia, Pa. Bag or the like. 97,837; Dec. 17.
- Borgfeldt, Frederic R., Wilmette, assignor to Middlebury Electric Clock Corporation, Chicago, Ill., Clockcase. Des. 94,325; Jan. 15.
- Borg-Warner Corporation. (See Buchanan, John C., assignor.)
- Borkum, David N. (See Fishman, Jacob, assignor.)
- Boston Woven Hose and Rubber Company. (See McKay, Hunter, assignor.)
- Bosworth, Thomas E., Providence, R. I., assignor to Universal Optical Corporation. Lens strap. 97,460; Nov. 12.
- Botany Worsted Mills. (See Gaul, John F., Jr., assignor.)

- Botany Worsted Mills. (See Schumacher, Albert, assignor.)
- Botham, Arthur, New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Display stand. 96,808; Sept. 10.
- Botham, Arthur, New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Combined display stand and perfume bottles therefor. 97,725; Dec. 3.
- Botham, Arthur, New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Display stand for toilet powders. 97,756; Dec. 10.
- Botham, Arthur R., assignor to Coty, Inc., New York, N. Y. Perfume bottle. 96,089; July 2.
- Bottome, Edgar M., assignor to Fostoria Glass Company, Moundsville, W. Va. Tea warmer or similar article. Des. 94,182; Jan. 1.
- Bouchard, Joseph J., Grand Rapids, Mich. Piston ring squeezer. 1,997,852; Apr. 16.
- Bourdelle, Pierre, New York, N. Y. Chair. 96,645; Aug. 27.
- Bourdon, Pierre M., Paris, assignor to Michelin & Cie, Clermont-Ferrand, France. Pneumatic tire. 97,255; Oct. 22.
- Bousfield, Alfred, Brooklyn, N. Y. Scale casing. 95,484; May 7.
- Bouwens, Alexander J. W., Inglewood, Calif. Electric lamp or the like. 96,646; Aug. 27.
- Bouwens, Alexander J. W., Inglewood, Calif. Electric lamp or the like. 97,726; Dec. 3.
- Bove, Alphonso. (See Barone, A., and Bove.)
- Bowen, Alice S., assignor to S. & G. Gump Co., Honolulu, Territory of Hawaii. Bottle or similar container. 97,968; Dec. 24.
- Bowen, Alice S., assignor to S. & G. Gump Co., Honolulu, Territory of Hawaii. Bottle or similar container. 97,969; Dec. 24.
- Bowen, Alice S., assignor to S. & G. Gump Co., Honolulu, Territory of Hawaii. Bottle or similar container. 97,970; Dec. 24.
- Bowen, Alice S., assignor to S. & G. Gump Co., Honolulu, Territory of Hawaii. Bottle or similar container. 97,971; Dec. 24.
- Bowen, James M., Cape May Court House, N. J., assignor to S. L. Allen & Co. Inc., Philadelphia, Pa. Sled. 96,217; July 16.
- Bowen, James M., Cape May Court House, N. J., assignor to S. L. Allen & Co. Inc., Philadelphia, Pa. Sled deck. 96,218; July 16.
- Bowen, James M., Cape May Court House, N. J., assignor to S. L. Allen & Co. Inc., Philadelphia, Pa. Sled runner bracket. 96,219; July 16.
- Bowersox, Joseph W., Glen Ellyn, Ill., assignor to Superior Felt & Bedding Co. Couch or the like. 96,013; June 25.
- Bowersox, Joseph W., Glen Ellyn, Ill., assignor to Superior Felt & Bedding Co. Couch or the like. 96,014; June 25.
- Bowker, William, Newark, and R. P. Piperoux, Radburn, N. J., assignors to Celluloid Corporation. Shaving brush. Des. 94,534; Feb. 12.
- Bowker, William, Newark, and R. P. Piperoux, Radburn, N. J., assignor to Celluloid Corporation. Fountain Pen. 95,171; Apr. 16.
- Bowland, Andrew, Mount Lebanon, Pa. Brick. 96,895; Sept. 17.
- Bowland, Andrew, Mount Lebanon, Pa. Brick. 96,896; Sept. 17.
- Bowland, Andrew, Mount Lebanon, Pa. Brick. 96,897; Sept. 17.
- Boysen, George D., Philadelphia, Pa. Lace. 96,956; Sept. 24.
- Boysen, George D., Philadelphia, Pa. Lace. 97,256; Oct. 22.
- Boysen, George D., Philadelphia, Pa. Lace. 97,727; Dec. 3.
- Boysen, George D., Philadelphia, Pa. Lace. 97,829; Dec. 10.
- Boysen, George D., Philadelphia, Pa. Lace. 97,985; Dec. 31.
- Boysen, George D., Philadelphia, Pa., assignor to New England Lace Mills, Inc., New York, N. Y. Lace. Des. 94,292; Jan. 8.
- Boysen, George D., Philadelphia, Pa., assignor to New England Lace Mills, Inc., New York, N. Y. Lace. Des. 94,293; Jan. 8.
- Boysen, George D., Philadelphia, Pa., assignor to New England Lace Mills, Inc., New York, N. Y. Lace. Des. 94,294; Jan. 8.
- Bradbury, William T., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Gas range. 95,946; June 18.
- Bradbury, William T., Hatboro, Pa., assignor to Florence Stove Company, Gardner, Mass. Cabinet for liquid fuel heaters. 96,086; July 2.
- Bradbury, William T., Hatboro, Pa., assignor to Florence Stove Company, Gardner, Mass. Cabinet for liquid fuel heaters. 96,087; July 2.
- Bradbury, William T., Hatboro, Pa., assignor to Florence Stove Company, Gardner, Mass. Cabinet for liquid fuel heaters. 96,220; July 16.
- Bradley, Everett, Haverhill, Mass. Shoe. 95,628; May 21.
- Bradley, Lorne M., Toronto, assignor to St. Thomas Metal Signs Limited, St. Thomas, Ontario, Canada. Road sign for railway crossings. 95,397; Apr. 30.
- Bradley, Ralph A., and V. C. Norquist, Kansas City, Mo. Trailer Tank. 95,219; Apr. 16.
- Bradley Smith Company, The. (See Wheeler, Gardner E., assignor.)
- Bradt, Roy A., assignor to The Maytag Company, Newton, Iowa. Hood for ironing machine or the like. 97,546; Nov. 19.
- Brady, James H., and J. J. Roberts, Louisville, Ky. Street-traffic timing signal. 97,586; Nov. 19.
- Brady, James R., Highland, Ill., assignor to Moulton-Bartley, Inc., St. Louis, Mo. Shoe. Des. 94,730; Mar. 5.
- Brady, Ross R., Pontiac, Mich. Smoker's pipe. 97,892; Dec. 24.
- Brauer Bros. Inc. (See Wagner, Frederick P., assignor.)
- Braun, Arthur C., Maplewood, N. J. Collar holder. 97,377; Nov. 5.
- Braun, Arthur C., Maplewood, N. J. Collar holder. 97,378; Nov. 5.
- Braun, Marcel M., Chicago, Ill. Shoe or similar article. 96,809; Sept. 10.
- Braun, Marcel M., Chicago, Ill. Shoe or similar article. 96,810; Sept. 10.
- Braun, Roy H., Chester, Ill. Combined salt and pepper shaker. 95,311; Apr. 23.
- Brearley Company, The. (See Sutton, John C., assignor.)
- Breath, Elias, New York, N. Y. Glove. 97,257; Oct. 22.
- Brecher, Bertha, New York, N. Y. Blouse. 96,898; Sept. 17.
- Breer, Carl, Grosse Pointe Park, and O. H. Clark, Detroit, Mich. Automobile. 97,429; Nov. 5.
- Breer, Carl, Grosse Pointe Park, assignor to Chrysler Corporation, Detroit, Mich. Automobile. 97,574; Nov. 19.
- Breer, Carl, Grosse Pointe Park, assignor to Chrysler Corporation, Detroit, Mich. Automobile. 97,575; Nov. 19.
- Bregman, Harry, assignor to The Steel Stamping Company, Lorain, Ohio. Play wagon or similar article. 97,461; Nov. 12.
- Breitenstein, Herbert G., Chicago, Ill. Game apparatus for pin ball games. 97,321; Oct. 29.
- Breitenstein, Herbert G., assignor to R. T. Moloney, Chicago, Ill. Game apparatus. Des. 94,326; Jan. 15.
- Breitenstein, Herbert G., assignor to R. T. Moloney, Chicago, Ill. Game apparatus. Des. 94,595; Feb. 19.
- Breitenstein, Herbert G., assignor to R. T. Moloney, Chicago, Ill. Game board for pin ball games. 95,893; June 11.
- Brekke, Marshall T., Scarsdale, assignor to Northam Warren Corporation, New York, N. Y. Combined Bottle and Cap. 95,220; Apr. 16.
- Brennan, Patrick J., assignor to Edw. Fox Baking Co., Inc., York, Pa. Roll or similar article. 96,221; July 16.
- Brennan, Patrick J., assignor to Edw. Fox Baking Co., Inc., York, Pa. Roll or similar article. 96,222; July 16.
- Brennan, Patrick J., assignor to one-half to Edw. Fox Baking Co., Inc., York, Pa. Roll or similar article. 96,223; July 16.
- Brennan, Patrick J., assignor to one-half to Edw. Fox Baking Co., Inc., York, Pa. Roll or similar article. 96,224; July 16.
- Brennan, Patrick J., assignor to one-half to Edw. Fox Baking Co., Inc., York, Pa. Roll or similar article. 96,225; July 16.
- Brenneman, Anetta, Factoryville, assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Drip coffee pot. 95,799; June 4.
- Brenneman, Anetta, Factoryville, assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Coffee pot. 95,800; June 4.
- Brenner, George M., Oak Park, Ill. Bottle. 95,576; May 14.
- Brenner, George M., Oak Park, Ill., assignor to Bon Ton Beverages, Inc., Chicago, Ill. Bottle. 97,986; Dec. 31.
- Brenner, Julian, New York, N. Y. Lady's hand bag. Des. 94,183; Jan. 1.
- Bresnick, Harry. (See Kanfer, M., and Bresnick.)
- Bressler, Albert M., New York, N. Y. Sandal or similar article. Des. 94,465; Feb. 5.
- Bressler, Albert M., New York, N. Y. Belt. Des. 94,532; Feb. 12.
- Bressler, Albert M., New York, N. Y. Belt. Des. 94,533; Feb. 12.
- Bressler, Albert M., New York, N. Y. Shoe. 95,629; May 21.
- Brey, Clarence F., New York, N. Y. Piano. 96,811; Sept. 10.
- Bridgeport Coach Lace Company. (See Hamm, James I., assignor.)
- Bridgeport Hardware Manufacturing Corporation, The. (See Curtis, Harry B., assignor.)
- Bridgeport Metal Goods Manufacturing Company, The. (See Price, Howard M., assignor.)
- Bridgewater, Herbert E., Syracuse, assignor to Remington Rand Inc., New York, N. Y. Typewriting machine. 97,430; Nov. 5.
- Brietman, Samuel, Chelsea, Mass. Shoe or article of analogous nature. 95,630; May 21.
- Briggs, Leland S., Douglaston, N. Y., and L. D. Norton, Bridgeport, Conn. Phonographic transcribing machine. 97,220; Oct. 15.
- Briggs Manufacturing Company. (See Callahan, John A., assignor.)
- Briggs Manufacturing Company. (See Hobbs, Theodore C., assignor.)

- Briggs Manufacturing Company. (See Tjaarda, John, assignor.)
- Briggs, Walter O., Jr., Detroit, Mich. Pipe case. 96,527; Aug. 13.
- Brinckerhoff, Phil, Los Angeles, assignor to Payne Furnace & Supply Company, Inc., Beverly Hills, Calif. Console heater. 95,577; May 14.
- Britigan, Robert, Corporation, The. (See Mackelfresh, William E., Jr., assignor.)
- Brittain, Harold A., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tire. 96,812; Sept. 10.
- Britz, Maurice, Chicago, Ill. Tie rack. 97,114; Oct. 8.
- Brockway Glass Company. (See Calpha, Arthur J., assignor.)
- Brockway Glass Company, Inc. (See Steuernagle, John H., assignor.)
- Brodbeck, Almer H., assignor to American Stove Company, St. Louis, Mo. Combined range lamp, shelf, and intermediate member. Des. 94,402; Jan. 29.
- Brody, Samuel M., New York, N. Y. Combined multiple-bowled smoking pipe and cover. 95,312; Apr. 23.
- Broeren, Frank L., Menasha, assignor to Marathon Paper Mills Company, Rothschild, Wis. Plate or the like. 97,547; Nov. 19.
- Brogan, Byard F., Philadelphia, Pa. Gem mounting. 96,647; Aug. 27.
- Bronson Reel Company. (See McMahon, Edward J., assignor.)
- Broomhall, Vincent and H. A. Smith, East Liverpool, Ohio, assignors to The Salem China Company, Salem, Ohio. Sugar bowl or similar article. 96,445; Aug. 6.
- Broomhall, Vincent, and H. A. Smith, East Liverpool, assignors to The Salem China Company, Salem, Ohio. Cup. 96,722; Sept. 3.
- Brown & Bigelow. (See Trollen, Martin E., assignor.)
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Instrument case. Des. 94,648; Feb. 26.
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Instrument case. 95,200; Apr. 16.
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Instrument case. 96,297; July 23.
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Instrument case. 96,365; July 30.
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 96,587; Aug. 20.
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Instrument case. 97,379; Nov. 5.
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Combination instrument case. 97,590; Nov. 26.
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Instrument case. 97,838; Dec. 17.
- Brown, Clarence W., Chicago, and H. Tyson, Oak Park, assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Service bar back counter. Des. 94,327; Jan. 15.
- Brown, Clarence W., Chicago, and G. Scott, Oak Park, assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Service bar back counter. Des. 94,328; Jan. 15.
- Brown Durrell Co. (See Easter, Maurice A., assignor.)
- Brown, E. C. Co. (See Bullock, Giles E., assignor.)
- Brown, Enoch N. (See Canaday, W. D. and Brown.)
- Brown, Enoch N. (See Horter, G., and Brown.)
- Brown, Florence L., Chicago, Ill. Facial support. 95,729; May 28.
- Brown, Garvin M., Indianapolis, Ind. Stove. 95,313; Apr. 23.
- Brown, George, Chicago, Ill. Combined automobile, boat and airplane. Des. 94,329; Jan. 15.
- Brown, H. L., Fence & Manufacturing Company. (See Porter, Charles T., assignor.)
- Brown Instrument Company, The. (See Side, F. W., and Harrison, assignors.)
- Brown, Katherine, Paris, Tenn. Coaster. 96,528; Aug. 13.
- Brown, Le Roy O., assignor to Justrite Manufacturing Company, Chicago, Ill. Tail lamp for vehicles. 96,572; Aug. 13.
- Brown, Malcolm, New York, N. Y. Textile fabric. 96,088; July 2.
- Brown, William, Wilkes Barre, Pa. Spectacle front. 96,156; July 9.
- Brown, William, Wilkes Barre, Pa. Spectacle front. 96,157; July 9.
- Browne, Bennie O., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical apparatus cabinet. 95,398; Apr. 30.
- Browne, Richard C., assignor to The Todd Company, Inc., Rochester, N. Y. Check or similar article. 97,937; Dec. 31.
- Bruine, Andre C., Rutherford, N. J., assignor to Roth Fabrics Corp., New York, N. Y. Textile fabric. 96,015; June 25.
- Bruine, Andre C., Rutherford, N. J., assignor to Roth Fabrics Corp., New York, N. Y. Textile fabric. 97,988; Dec. 31.
- Brunst, Henry C., and H. N. Henry, assignors to The Kelley-Koett Manufacturing Company, Covington, Ky. X-ray tube stand. Des. 94,184; Jan. 1.
- Brunswick-Balke-Collender Company, The. (See Brown, C. W., and Scott, assignors.)
- Brunswick-Balke-Collender Company, The. (See Brown, C. W., and Tyson, assignors.)
- Buchanan, John C., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation. Refrigerator cabinet or similar article. 95,750; May 28.
- Buchanan, Monty J., Seattle, Wash. Combination ash tray and saltcellar stand. 95,947; June 18.
- Buck, Albert H., Chicago, Ill. Tray or similar article. Des. 94,870; Mar. 19.
- Budd Wheel Company. (See Eksergian, Carolus L., assignor.)
- Budd Wheel Company. (See Eksergian, C. L., and Alexander, assignors.)
- Budlong, Robert D., assignor to United Autographic Register Co., Chicago, Ill. Autographic register. Des. 94,330; Jan. 15.
- Buehrig, Gordon M., assignor to Auburn Automobile Company, Auburn, Ind. Combined Bezel, dial, and hands for a clock or similar article. 97,036; Oct. 1.
- Buehrig, Gordon M., assignor to Auburn Automobile Company, Auburn, Ind. Automobile. 97,697; Dec. 3.
- Buek, Tycho, Jr., Philadelphia, Pa., assignor to Golo Slipper Company, Inc., New York, N. Y. Shoe. 95,999; Apr. 30.
- Bulldog Electric Products Company. (See Frank, William H., assignor.)
- Bullock, Giles E., assignor to E. C. Brown Co., Rochester, N. Y. Velocipede. Des. 94,185; Jan. 1.
- Bullock, Giles E., assignor to E. C. Brown Co., Rochester, N. Y. Velocipede. Des. 94,649; Feb. 26.
- Bulman, Elvah O., Grand Rapids, Mich. Paper roll holder. 96,298; July 23.
- Bulova, Arde, New York, N. Y. Watch bracelet. 96,813; Sept. 10.
- Bulova, Arde, New York, N. Y. Terminal link for a watch bracelet or similar article. 97,799; Dec. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,631; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,632; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,633; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,634; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,635; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,636; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,637; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,638; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,639; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,640; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,641; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,642; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,643; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,644; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,645; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,646; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,647; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,648; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,649; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,650; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,651; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,652; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,653; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,654; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,655; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,656; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,657; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,658; May 21.

- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,659; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,660; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,661; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,662; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,663; May 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 97,893; Dec. 24.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 97,894; Dec. 24.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 97,895; Dec. 24.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 97,896; Dec. 24.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 97,897; Dec. 24.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 97,898; Dec. 24.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 97,899; Dec. 24.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 97,900; Dec. 24.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 97,901; Dec. 24.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 97,902; Dec. 24.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 97,903; Dec. 24.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 97,904; Dec. 24.
- Bunnell, Earl C., Stratford, assignor to Neva-Clog Products, Inc., Bridgeport, Conn. Stapling device. Des. 94,259; Jan. 8.
- Bunte Brothers. (See Gaunt, Charles L., assignor.)
- Buraglia, Herman, Boston, Mass. Sandal. 97,667; Dec. 3.
- Burbank, Walter C., New York, N. Y. Golf ball. Des. 94,403; Jan. 29.
- Burdge, Russell C., Muncie, Ind. Combination meat tenderer and food chopper. Des. 94,945; Mar. 26.
- Burdick, Edward H., Chicago, Ill. Smoker's appliance. 96,648; Aug. 27.
- Burdick, John S., Buffalo, N. Y., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Fishing rod handle. Des. 94,807; Mar. 12.
- Burge, Clara A., Castlewood, S. Dak. Doughnut lifter. 96,090; July 2.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 97,037; Oct. 1.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 97,258; Oct. 22.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 97,259; Oct. 22.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 97,260; Oct. 22.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 97,431; Nov. 5.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 97,462; Nov. 12.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 97,463; Nov. 12.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 97,591; Nov. 26.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 97,757; Dec. 10.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 97,728; Dec. 3.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 97,758; Dec. 10.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 97,800; Dec. 10.
- Burkhardt, Conrad C. C., Philadelphia, Pa. Electric locomotive. 95,894; June 11.
- Burkhart, Evangeline, New York, N. Y. Powder puff. 95,801; June 4.
- Burks, Alfred H., Dayton, Ohio. Building. 95,314; Apr. 23.
- Burns, Erwin, Los Angeles, and H. P. Wickersham, Huntington Park, Calif. Crown bottle. 97,115; Oct. 8.
- Burns, Jabez, & Sons, Inc. (See Kopf, John C., assignor.)
- Burrage, Anne, Ipswich, Mass. Tea wagon or similar article. 96,226; July 16.
- Burry Biscuit Corporation. (See Hanson, O'Cal, assignor.)
- Burstein, Samuel, New York, N. Y. Ensemble dress. Des. 94,946; Mar. 26.
- Burstlinger, Josef, Los Angeles, Calif. Flower pot holder. 95,400; Apr. 30.
- Busch, J., Inc. (See Berger, William, assignor.)
- Bush, Estelle, Winthrop, assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 97,380; Nov. 5.
- Bushman, Thomas J., St. Louis, Mo. Shoe. Des. 94,650; Feb. 26.
- Bushman, Thomas J., St. Louis, Mo. Shoe. Des. 94,651; Feb. 26.
- Bushman, Thomas J., St. Louis, Mo. Shoe. Des. 94,652; Feb. 26.
- Bushman, Thomas J., St. Louis, Mo. Shoe. Des. 94,653; Feb. 26.
- Bushman, Thomas J., St. Louis, Mo. Shoe. Des. 94,654; Feb. 26.
- Bushman, Thomas J., St. Louis, Mo. Shoe. Des. 94,655; Feb. 26.
- Bushman, Thomas J., St. Louis, Mo. Shoe. Des. 94,656; Feb. 26.
- Bushman, Thomas J., St. Louis, Mo. Shoe. Des. 94,657; Feb. 26.
- Bushman, Thomas J., St. Louis, Mo. Shoe. Des. 94,658; Feb. 26.
- Bushman, Thomas J., St. Louis, Mo. Shoe. Des. 94,659; Feb. 26.
- Bushman, Thomas J., St. Louis, Mo. Shoe. Des. 94,660; Feb. 26.
- Bushman, Thomas J., St. Louis, Mo. Shoe. Des. 94,661; Feb. 26.
- Bushman, Thomas J., St. Louis, Mo. Shoe. Des. 95,015; Apr. 2.
- Bussan, Guillaume. (See Grummer, G., and Bussan.)
- Butler, William L., and N. J. Walsh, assignors to Alpine Electric Corporation, Schenectady, N. Y. Electric switch housing or similar article. 97,905; Dec. 24.
- Butterfield, Dayle R., Chicago, Ill. Miniature battlefield. 96,227; July 16.
- Butterick Company, The. (See Wells, Emma B. C., assignor.)
- Büttner, Fritz, Europahochhaus, Berlin, Germany. Tobacco pipe. Des. 94,295; Jan. 8.
- Butts, William J., Littleton, Colo. Ash Tray. 95,201; Apr. 16.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. Des. 94,530; Feb. 12.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. Des. 94,662; Feb. 26.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 95,315; Apr. 23.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 95,316; Apr. 23.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 95,485; May 7.
- Byrnes, Ralph J., Chicago, Ill. Game board. 95,895; June 11.
- Cadman, Addi B. (See Warner, A. P., and Cadman.)
- Cahill, John J., Chicago, and E. F. McClintock, Oak Park, Ill., assignors to The Ruberoid Co., New York, N. Y. Siding. 95,731; May 28.
- Caldwell, Charles H., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe. Des. 94,331; Jan. 15.
- Caldwell, Charles H., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe. Des. 94,332; Jan. 15.
- Callahan, John A., assignor to Briggs Manufacturing Company, Detroit, Mich. Water closet. 97,839; Dec. 17.
- Callow, Olaf C. (See Whitcomb, A. J., and Callow.)
- Calpha, Arthur J., Winchester, Ind., assignor to Olean Glass Company, Olean, N. Y. Jug. Des. 94,333; Jan. 15.
- Calpha, A. Junion, Winchester, Ind., assignor to Olean Glass Company, Olean, N. Y. Jug. Des. 94,334; Jan. 15.
- Calpha, Arthur J., Winchester, Ind., assignor to Olean Glass Company, Olean, N. Y. Jug. Des. 94,404; Jan. 29.
- Calpha, Arthur J., Winchester, Ind., assignor to Brockway Glass Company, Inc., Brockway, Pa. Bottle. 97,906; Dec. 24.
- Calvert Distilling Company, The. (See Fleischmann, Edwin M., assignor.)
- Cambridge Rubber Co. (See Dunbar, Ernest W., assignor.)
- Campbell, Donald G., and D. R. Wiser, Los Angeles, Calif. Game board. Des. 94,466; Feb. 5.
- Campbell, Robert, Flushing, N. Y. Casing for pencil sharpener. 97,522; Nov. 19.
- Campbell, Vernon W., Nashua, N. H., assignor to C. F. Church Mfg. Co., Williamansett, Mass. Hinge for toilet seats and covers. 96,723; Sept. 3.
- Campbell, William J., assignor to Climax Machinery Co., Indianapolis, Ind. Smoking Stand. 95,221; Apr. 16.
- Campbell, William J., Indianapolis, Ind., assignor to Climax Machinery Company. Smoking stand. 95,401; Apr. 30.
- Canaday, Wilbur D. (See Gage, C. S., and Canaday.)
- Canaday, Wilbur D., Stamford, Conn., and E. N. Brown, Brockton, Mass., assignors to Lenthier Incorporated, New York, N. Y. Display stand. Des. 94,536; Feb. 12.
- Canaday, Wilbur D., Stamford, Conn., assignor to Lenthier Incorporated, New York, N. Y. Display stand. Des. 94,537; Feb. 12.
- Canaday, Wilbur D., Stamford, Conn., assignor to Lenthier Incorporated, New York, N. Y. Dropper shell or the like. 96,814; Sept. 10.
- Canning, Claude E., Wilmette, Ill. Insect electrocutor. 96,957; Sept. 24.
- Cannon, Philip J., Cincinnati, Ohio. Telephone receiver base. 96,018; June 25.
- Cannon Shoe Company. (See Golden, Leon E., assignor.)
- Canton Glass Company, The. (See Askew, Charles P., assignor.)
- Cantor, Samuel, Brooklyn, N. Y. Combined flowerpot and support therefor. Des. 94,335; Jan. 15.
- Cantor, Samuel, Brooklyn, N. Y. Combined table stand and bowl. Des. 94,336; Jan. 15.
- Cantor, Samuel, Brooklyn, N. Y. Combined ivy stand and bowl. Des. 94,337; Jan. 15.
- Cantor, Samuel, Brooklyn, N. Y. Combined leaf stand and containers. Des. 94,338; Jan. 15.
- Cantor, Samuel, Brooklyn, N. Y. Combined hanging flowerpot and bracket therefor. Des. 94,467; Feb. 5.

- Cantor, Samuel, Brooklyn, N. Y. Flower stand. Des. 94,812; Mar. 12.
- Caplan, Moses, Boston, Mass. Wall pocket for pot holders, memorandum pads, and pencils. 95,802; June 4.
- Caplan, Moses, Boston, Mass. Scarf for furniture or similar article. 96,529; Aug. 13.
- Caplan, Moses, Boston, Mass. Tablecloth. 96,724; Sept. 3.
- Capra, José. (See Faccini, E. J., and Capra.)
- Capstan Glass Company. (See Piazzoli, Theodore J., assignor.)
- Caradine, James T. (See Duntze, George D., assignor.)
- Carlile, Alfred E., Meadville, Pa. Pull tab for slide fasteners. 96,158; July 9.
- Carlson, Carl E., assignor to Precision Metal Workers, Chicago, Ill. Ash receptacle. 96,649; Aug. 27.
- Carlson, Elof L., assignor to The E. Ingraham Company, Bristol, Conn. Base for a clock. Des. 94,186; Jan. 1.
- Carlson, Elof L., assignor to The E. Ingraham Company, Bristol, Conn. Base for a clock. Des. 94,187; Jan. 1.
- Carlson, Elof L., assignor to The E. Ingraham Company, Bristol, Conn. Base for a clock. 96,159; July 9.
- Carlson, Elof L., assignor to The E. Ingraham Company, Bristol, Conn. Clock-case. 96,446; Aug. 6.
- Carlson, Eric S., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Rear deck handle or similar article for an automotive vehicle. Des. 94,405; Jan. 29.
- Carlson, Eric S., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Rear deck handle or similar article for an automotive vehicle. Des. 94,406; Jan. 29.
- Carlson, Eric S., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. Des. 94,407; Jan. 29.
- Carlson, Eric S., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Rear deck handle or similar article for an automotive vehicle. Des. 94,408; Jan. 29.
- Carlson, Raymond T., Louisville, Ky. Bed footboard. Des. 95,017; Apr. 2.
- Carlson, Raymond T., Louisville, Ky. Bedstead. Des. 95,018; Apr. 2.
- Carmitchel, Alfred B., East Cleveland, assignor to The Standard Oil Company, Cleveland, Ohio. Service station. 97,801; Dec. 10.
- Carnes, Samuel J., Camden, Ark. Fish bowl. 97,759; Dec. 10.
- Carp, Bernard, Hilversum, Netherlands. Bottle. 97,322; Oct. 29.
- Carr-Lowrey Glass Co. (See Funkey, John H., assignor.)
- Carr-Lowrey Glass Co. (See Leach, Walter R., assignor.)
- Carr-Lowrey Glass Co. (See McLaughlin, Frank, assignor.)
- Carr, Raymond L., Boston, Mass. Vehicle. Des. 94,296; Jan. 8.
- Carr, Walter S., Oakwood, Ohio. Toy. Des. 94,596; Feb. 19.
- Carr, Ryder & Adams Company. (See Stoltz, Allen E., assignor.)
- Carrier, George B., Hudson, Mass, assignor to Firestone Footwear Company, Boston, Mass. Sandal. 95,664; May 21.
- Carson, Oswald B., Scarsdale, N. Y. Spectacle temple. 95,578; May 14.
- Carson, Oswald B., Scarsdale, N. Y. Spectacle and eye-glass case. 96,588; Aug. 20.
- Carson, Oswald B., Scarsdale, N. Y. Spectacle and eye-glass case. 96,589; Aug. 20.
- Carson, Oswald B., Scarsdale, N. Y., assignor to American Hard Rubber Company, New York, N. Y. Comb. 96,366; July 30.
- Carson, Oswald B., Scarsdale, assignor to American Hard Rubber Company, New York, N. Y. Comb. 97,116; Oct. 8.
- Carstens, Edward, assignor to Cole's Hot Blast Manufacturing Company, Chicago, Ill. Radiating heater casing. Des. 94,188; Jan. 1.
- Carter, John F., assignor to The Aro Equipment Corporation, Bryan, Ohio. Oil dispenser. 95,118; Apr. 9.
- Carter, Lionel A., assignor to Paddy Novelty Company, St. Louis, Mo. Display device. 97,907; Dec. 24.
- Carter, William A., Memphis, Tenn. Novelty doll. 97,221; Oct. 15.
- Casabona, Bettina, New York, N. Y. Dress. Des. 95,016; Apr. 2.
- Casabona, Bettina, New York, N. Y. Dress. 95,222; Apr. 16.
- Case, John R., Bradford, Pa. Combination sheath for a hunting knife and ax. Des. 94,468; Feb. 5.
- Cassedy, Anthony B., Boston, Mass. Bottle. Des. 94,189; Jan. 1.
- Caston, Johnnye L., assignor to The Sterling Company, Chicago, Ill. Dress. 95,223; Apr. 16.
- Catalano, Joseph D., Baltimore, Md. Automobile. 97,908; Dec. 24.
- Cataract Sharpe Manufacturing Company. (See Cunningham, Andrew J., assignor.)
- Cavanagh, John, assignor to Hat Corporation of America, Norwalk, Conn. Hat. 97,381; Nov. 5.
- Celluloid Corporation. (See Bowker, W., and Piperoux, assignors.)
- Celluloid Corporation. (See Hill, John, assignor.)
- Celluloid Corporation. (See Kozan, Belle, assignor.)
- Celluloid Corporation. (See Marder, Leo, assignor.)
- Central Metallic Casket Co. (See Larson, Raymond, assignor.)
- Cesario, Michael, New York, N. Y. Hand bag. Des. 94,871; Mar. 19.
- Cesario, Michael, New York, N. Y. Hand bag. Des. 94,872; Mar. 19.
- Cesario, Michael, New York, N. Y. Hand bag. Des. 94,873; Mar. 19.
- Chadwick, Lee S., Shaker Heights, and M. Resek and C. J. Kessler, Cleveland Heights, assignors to Perfection Stove Company, Cleveland, Ohio. Heating stove. Des. 94,597; Feb. 19.
- Chair Town Manufacturing Co. (See Bolster, Ernest L., assignor.)
- Chamales, Christopher J., assignor to C. A. Zoes Manufacturing Co., Chicago, Ill. Bottle or similar article. 96,019; June 25.
- Chamberlain, William H., assignor to Solex Lights Corporation, New York, N. Y. Lamp. 96,530; Aug. 13.
- Chambers, Cornelius, Birmingham, England. Liquid dispensing rack or the like. 96,815; Sept. 10.
- Chambers, Cornelius, Dale End, Birmingham, England. Liquid dispensing faucet or the like. 96,816; Sept. 10.
- Champion Brake Corporation. (See Hyle, Jacob A., assignor.)
- Champion Company, The. (See Seely, John M., assignor.)
- Chaney, John L., Springfield, Ohio. Thermometer bulb protecting cap. 95,402; Apr. 30.
- Chapman, Fredrick D., Evanston, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Lamp. Des. 94,409; Jan. 29.
- Chapman, Fredrick D., Evanston, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Waffle iron. 96,447; Aug. 6.
- Chapman, Fredrick D., Evanston, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Electric grill. 96,448; Aug. 6.
- Chapman, Fredrick D., Evanston, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Toaster. 96,449; Aug. 6.
- Chapman, Fredrick D., Evanston, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Lamp base. 96,650; Aug. 27.
- Chapman, William C. (See Moll, J. J., and Chapman.)
- Chardon Rubber Company, The. (See Hawkey, Frank, assignor.)
- Charnaux Patent Corset Company Limited. (See Greig, Jeanne F., assignor.)
- Chase Companies, The. (See Dennis, Helen B., assignor.)
- Chase Companies, The. (See Gerth, Ruth L., assignor.)
- Chase Companies, The. (See Reichenbach, Howard F., assignor.)
- Chase Companies, Incorporated, The. (See Dennis, Helen B., assignor.)
- Chase Companies, Incorporated, The. (See Guild, Lurette, assignor.)
- Chase Companies, Incorporated, The. (See Guild, L., and Surface, assignors.)
- Chase, Jules, New York, N. Y. Combination brassière and pantie. 96,160; July 9.
- Chase, Jules, New York, N. Y. Lady's combination brassière and trunks. 97,005; Sept. 24.
- Chassman, Harold, New York, N. Y. Textile fabric. 97,989; Dec. 31.
- Chatham Manufacturing Company. (See Neaves, William A., assignor.)
- Chelsea Clock Company. (See King, George J., assignor.)
- Chernoff, Joseph M., New Britain, Conn. Cocktail shaker. 96,091; July 2.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or the like. Des. 94,874; Mar. 19.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or the like. 96,590; Aug. 20.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or the like. 96,591; Aug. 20.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or the like. 96,592; Aug. 20.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or the like. 97,432; Nov. 5.
- Chernow, Michael, Brooklyn, N. Y., assignor to Service Patents Corporation. Alphabet for forming monograms or the like. 97,155; Oct. 8.
- Chernow, Michael, Brooklyn, N. Y., assignor to Service Patents Corporation. Alphabet for forming monograms or the like. 97,156; Oct. 8.
- Chernow, Michael, Brooklyn, N. Y., assignor to Service Patents Corporation. Alphabet for forming monograms or the like. 97,157; Oct. 8.
- Chernow, Michael, Brooklyn, N. Y., assignor to Service Patents Corporation. Alphabet for forming monograms or the like. 97,158; Oct. 8.
- Chernow, Michael, Brooklyn, N. Y., assignor to Service Patents Corporation. Monogram frame. 97,175; Oct. 15.
- Chernow, Michael, Brooklyn, N. Y., assignor to Service Patents Corporation. Monogram frame. 97,176; Oct. 15.
- Chernow, Michael, Brooklyn, N. Y., assignor to Service Patents Corporation. Monogram frame. 97,177; Oct. 15.
- Chernow, Michael, Brooklyn, N. Y., assignor to Service Patents Corporation. Bracelet or the like. 97,222; Oct. 15.

- Chernow, Michael, Brooklyn, N. Y., assignor to Service Patents Corporation. Alphabet for forming monograms or the like. 97,261; Oct. 22.
- Chernow, Michael, Brooklyn, N. Y., assignor to Service Patents Corporation. Alphabet for forming monograms or the like. 97,840; Dec. 17.
- Chess, Mary, Inc. (See Robinson, Grace C., assignor.)
- Chicago Electric Manufacturing Co. (See Preston, Edward S., assignor.)
- Chilton Pen Company, The. (See Sypher, Milford G., assignor.)
- Christ, Thomas C., Wyomissing, Pa. Ice cube crusher. Des. 94,339; Jan. 15.
- Christiansen, Oscar, St. Paul, Minn. Fish lure. 96,092; July 2.
- Christie, Theodore. (See Andersen, Jorgen C., assignor.)
- Christy, Robert T., New York, N. Y. Lip stick sampler or the like. Des. 94,875; Mar. 19.
- Chrysler Corporation. (See Breer, Carl, assignor.)
- Church, C. F., Mfg. Co. (See Campbell, Vernon W., assignor.)
- Ciccarelli, Ostilio, assignor to The E. Ingraham Company, Bristol, Conn. Clock case. Des. 94,538; Feb. 12.
- Ciccarelli, Ostilio, assignor to The Ingraham Company, Bristol, Conn. Base for a clock. Des. 94,813; Mar. 12.
- Ciccarelli, Ostilio, assignor to The E. Ingraham Company, Bristol, Conn. Clock or similar article. 96,020; June 25.
- Ciccarelli, Ostilio, assignor to The E. Ingraham Company, Bristol, Conn. Clock or similar article. 96,021; June 25.
- Cipyak, John, Lansford, Pa. Game board. Des. 94,469; Feb. 5.
- Cirillo, Gennaro, Brooklyn, N. Y. Macaroni or similar article. 96,161; July 9.
- Clackett, Charles W., New York, N. Y. Woven Fabric. 95,224; Apr. 16.
- Clark, Isaac J., Washington, D. C. Combined tractor and refrigerator truck trailer. 96,817; Sept. 10.
- Clark, Jeddiah B., assignor to Indiana Glass Company, Dunkirk, Ind. Creamer. 97,909; Dec. 24.
- Clark, Jeddiah B., assignor to Indiana Glass Company, Dunkirk, Ind. Ash tray or similar article. 95,896; June 11.
- Clark, Lawrence J., Lakewood, assignor to The Dickey-Grabler Company, Cleveland, Ohio. Burial vault handle. 96,570; Aug. 13.
- Clark, Lawrence J., Lakewood, assignor to The Dickey-Grabler Company, Cleveland, Ohio. Coffin handle. 97,323; Oct. 29.
- Clark, Lawrence J., Lakewood, assignor to The Dickey-Grabler Company, Cleveland, Ohio. Coffin handle. 97,910; Dec. 24.
- Clark, Lawrence J., Lakewood, assignor to The Dickey-Grabler Company, Cleveland, Ohio. Coffin handle. 97,911; Dec. 24.
- Clark, Lawrence J., Lakewood, assignor to The Dickey-Grabler Company, Cleveland, Ohio. Coffin handle. 97,912; Dec. 24.
- Clark, Lawrence J., Lakewood, assignor to The Dickey-Grabler Company, Cleveland, Ohio. Burial vault handle. 97,913; Dec. 24.
- Clark, Lawrence J., Lakewood, assignor to The Dickey-Grabler Company, Cleveland, Ohio. Burial vault handle. 97,914; Dec. 24.
- Clark, Lawrence J., Lakewood, assignor to The Dickey-Grabler Company, Cleveland, Ohio. Burial vault handle. 97,915; Dec. 24.
- Clark, Lawrence J., Lakewood, assignor to The Dickey-Grabler Company, Cleveland, Ohio. Burial vault handle. 97,916; Dec. 24.
- Clark, Lawrence J., Lakewood, assignor to The Dickey-Grabler Company, Cleveland, Ohio. Burial vault handle. 97,917; Dec. 24.
- Clark, Oliver H. (See Breer, C., and Clark.)
- Clarke, Norman A., assignor to The Westfield Manufacturing Company, Westfield, Mass. Man's bicycle. 97,918; Dec. 24.
- Clarkson, Octavia E., Santa Clara, Calif. Cosmetic pencil kit. Des. 94,540; Feb. 12.
- Clarkson, Octavia E., Santa Clara, Calif. Case for cosmetic materials. 96,299; July 23.
- Claus, A., Manufacturing Co. (See Kelley, Frank, assignor.)
- Clayman, Harry, Boston, Mass. Shoe. Des. 94,876; Mar. 19.
- Clements, Arthur L., assignor to American Hair & Felt Company, Chicago, Ill. Carpet underliner. 96,228; July 16.
- Clements, Arthur L., assignor to American Hair & Felt Company, Chicago, Ill. Carpet underliner. 96,229; July 16.
- Clements, Herbert, Geneva, N. Y. Spectacle bridge. 95,897; June 11.
- Cleveland Heater Company, The. (See Craver, Albert F., assignor.)
- Cleveland Worsted Mills Company, The. (See Leber, Harry, assignor.)
- Clevenger, Glen M., North Linthicum, assignor to Maryland Glass Corporation, Baltimore, Md. Bottle. 97,178; Oct. 15.
- Climax Machinery Company. (See Campbell, William J., assignor.)
- Closure Service Company, The. (See Fuerst, Edwin W., assignor.)
- Closure Service Company, The. (See Silverman, Miles M., assignor.)
- Coca-Cola Company. (See Sledge, Edward D., Jr., assignor.)
- Coe, Kathleen, Springfield, assignor to Westfield River Paper Company Inc., Russell, Mass. Embossed transparent paper or similar material. 96,593; Aug. 20.
- Cohan, Alice, New York, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. Des. 94,260; Jan. 8.
- Cohan, Alice, New York, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. 96,594; Aug. 20.
- Cohen, David, Brooklyn, N. Y. Shoe. 97,117; Oct. 8.
- Cohen, Edward, New York, N. Y. Shoe. 96,093; July 2.
- Cohen, Emmanuel M., and J. Olenick, New York, N. Y. Textile fabric or similar article of manufacture. 96,899; Sept. 17.
- Cohen, Emmanuel M., and J. Olenick, New York, N. Y. Textile fabric or similar article of manufacture. 96,900; Sept. 17.
- Cohen, Emmanuel M., and J. Olenick, New York, N. Y. Textile fabric or similar article of manufacture. 96,901; Sept. 17.
- Cohen, Emmanuel M., and J. Olenick, New York, N. Y. Textile fabric or similar article of manufacture. 96,902; Sept. 17.
- Cohen, Emanuel M., and J. Olenick, New York, N. Y. Textile fabric or similar article of manufacture. 97,223; Oct. 15.
- Cohen, Emanuel M., and J. Olenick, New York, N. Y. Textile fabric or similar article of manufacture. 97,224; Oct. 15.
- Cohen, Emanuel M., and J. Olenick, New York, N. Y. Textile fabric or similar article of manufacture. 97,225; Oct. 15.
- Cohen, Emmanuel M., and J. Olenick, New York, N. Y. Textile fabric or similar article of manufacture. 97,262; Oct. 22.
- Cohen, Emmanuel M., and J. Olenick, New York, N. Y. Textile fabric or similar article of manufacture. 97,464; Nov. 12.
- Cohen, Jacob, Philadelphia, Pa. Tapestry. 95,119; Apr. 9.
- Cohen, Joseph, Los Angeles, Calif. Broiler grill. 97,841; Dec. 17.
- Cohen, Joseph H. (See Bahr, Gustave F., assignor.)
- Cohen, Joseph H., Bridgeport, Conn. Fender guide. 95,803; June 4.
- Cohen, Joseph H., Bridgeport, Conn. Fan guard. 97,118; Oct. 8.
- Cohn, Jack, New York, N. Y. Audiphone ear drum protector for bathers. 97,038; Oct. 1.
- Colberg, Alvin H., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe. Des. 94,340; Jan. 15.
- Coldwell, John S. (See Morgan, J. R., and Coldwell.)
- Colella and Leighton Shoe Company. (See Atkins, Thomas R., assignor.)
- Colella, Pasquale, Nahant, Mass. Shoe. 96,903; Sept. 17.
- Coleman, William C., Wichita, Kans. Boiler. Des. 94,379; Jan. 22.
- Cole's Hot Blast Manufacturing Company. (See Carstens, Edward, assignor.)
- Coller, Claude, New York, N. Y. Coin-bank or similar article. 97,919; Dec. 24.
- Collingbourne Mills, Inc. (See Blood, Mayme E., assignor.)
- Collins, Ashton B., Birmingham, Ala. Cut-out figure or the like. Des. 94,261; Jan. 8.
- Collison, Edward E., Chicago, and C. R. Kirk, Oak Park, Ill., assignor to Standard Ticket Games Corporation, Chicago, Ill. Vending machine. 96,162; July 9.
- Colson Company, The. (See Adams, Wilbur H., assignor.)
- Colt's Patent Fire Arms Manufacturing Co. (See Conner, Benjamin F., assignor.)
- Colt's Patent Fire Arms Manufacturing Co. (See Schmalz, William F., assignor.)
- Columbia Stamping Products Co. (See Klein, A., and Esterow, assignors.)
- Columbus Metal Products Inc. (See Donley, Harold B., assignor.)
- Comprex Oscillator Corp. (See Rubens, Harry S., assignor.)
- Compton, Henry P. and L. Solomon, Abilene, Tex. Game apparatus. 95,804; June 4.
- Comstock, James A., assignor to The Acme Electric & Manufacturing Company, Cleveland, Ohio. Electric transformer. 97,760; Dec. 10.
- Comstock-Castle Stove Company. (See Spake, Richard W., assignor.)
- Concord Fabrics. (See Ostow, Kalman I., assignor.)
- Conklin Pen Company, The. (See Bienenstein, Andreas, assignor.)
- Connally, Clem L., Fort Worth, Tex. Combined lamp and clock case. 95,486; May 7.
- Connell, J. M., Shoe Co. (See Reggie, Christy, assignor.)
- Conner, Benjamin F., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure. 97,465; Nov. 12.
- Conner, Virginia M., New York, N. Y. Spoon or other article of flatware. 95,898; June 11.
- Connor, Martha H., assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Box cover. 95,487; May 7.
- Conover, Richard E., Deer Park, Ohio. Program reminder. 97,263; Oct. 22.

- Conrad, Lester, New York, N. Y. Textile fabric or similar article. 97,842; Dec. 17.
- Conrad, Otilie, New York, N. Y. Dress. Des. 94,663; Feb. 26.
- Conrad, Otilie, New York, N. Y. Dress. Des. 94,733; Mar. 5.
- Conrad, Otilie, New York, N. Y. Dress. 95,225; Apr. 16.
- Conrad, Willi, Berwyn, Ill. Cigarette and cigar ash receptacle. Des. 94,947; Mar. 26.
- Conroy, Edward J., New Haven, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. Des. 94,877; Mar. 19.
- Consolidated Ashcroft Hancock Company. (See Coulman, George W., assignor.)
- Consolidated Expanded Metal Companies, The. (See Miller, Frank R., assignor.)
- Container Corporation of America. (See Holy, Mitchell E., assignor.)
- Container Corporation of America. (See Smith, Margery M., assignor.)
- Continental Ceramics Corporation. (See Wesp, George, assignor.)
- Continental Coffee Company. (See Ehrenreich, Frank C., assignor.)
- Continental Distilling Corporation. (See Kessler, Frank T., assignor.)
- Continental Distilling Corporation. (See Nichols, William F., assignor.)
- Continental Distilling Corporation. (See Smith, Reuben R., assignor.)
- Continental Optical Company, Inc. (See Soden, Fred H., assignor.)
- Continental Optical Company. (See Soden, Fred H., assignor.)
- Conwell, William J. (See McQuinn, E. G., and Conwell.)
- Cook, Ralph R., Chicago, Ill. Automobile. 95,403; Apr. 30.
- Cook, William F., Brooklyn, N. Y., assignor to The Pantasote Leather Company, Passaic, N. J. Textile fabric or similar article of manufacture. 97,761; Dec. 10.
- Cooper, Beryl B., Portland, Oreg. Portable coffee grinder. 95,120; Apr. 9.
- Cooper, David, Brooklyn, N. Y. Buckle. 97,264; Oct. 22.
- Cooper, David, Brooklyn, N. Y. Buckle. 97,265; Oct. 22.
- Cooperstein, Abraham, Brooklyn, N. Y. Metallic flower holder or similar article. Des. 95,019; Apr. 2.
- Cooperstein, Abraham, Brooklyn, N. Y. Metallic flower holder or similar article. Des. 95,020; Apr. 2.
- Cooperstein, Abraham, Brooklyn, N. Y. Flower support. Des. 95,021; Apr. 2.
- Corbin-Holmes Shoe Co. (See Sullivan, Oliver J., assignor.)
- Corning Glass Works. (See Houghton, Arthur A., Jr., assignor.)
- Corning Glass Works. (See Teague, Walter D., assignor.)
- Cornwell, Arthur L., Wellsville, N. Y. Drive handle for tools. 97,466; Nov. 12.
- Coro-Gram Inc. (See Dammé, Olga, assignor.)
- Correa, Angel T., New York, N. Y. Badge or similar article. Des. 94,539; Feb. 12.
- Coty, Inc. (See Botham, Arthur, assignor.)
- Coty, Inc. (See Botham, Arthur R., assignor.)
- Coulman, George W., Devon, assignor to Consolidated Ashcroft Hancock Company, Inc., Bridgeport, Conn. Thermometer. 96,094; July 2.
- Council, John M., Wananish, N. C. Planting bar. 97,592; Nov. 26.
- Courtine, René, New York, N. Y. Lady's hand bag. 96,725; Sept. 3.
- Cowan, R. Guy, assignor to Pass & Seymour, Inc., Syracuse, N. Y. Electric Lighting Fixture. 95,226; Apr. 16.
- Cowan, R. Guy, assignor to Pass & Seymour, Inc., Syracuse, N. Y. Ceramic Wall Bracket for Electric Lighting. 95,227; Apr. 16.
- Cowan, R. Guy, assignor to Pass & Seymour, Inc., Syracuse, N. Y. Porcelain lighting fixture. 97,039; Oct. 1.
- Cowan, R. Guy, assignor to Onondaga Pottery Company, Syracuse, N. Y. Cup. 97,119; Oct. 8.
- Cowan, R. Guy, assignor to Onondaga Pottery Company, Syracuse, N. Y. Coffee server. 97,920; Dec. 24.
- Cowan, R. Guy, assignor to Onondaga Pottery Company, Syracuse, N. Y. Tea server. 97,921; Dec. 24.
- Cowan, R. Guy, assignor to Onondaga Pottery Company, Syracuse, N. Y. Cream pitcher. 97,922; Dec. 24.
- Cowan, R. Guy, assignor to Onondaga Pottery Company, Syracuse, N. Y. Sugar bowl. 97,923; Dec. 24.
- Cowan, R. Guy, assignor to Onondaga Pottery Company, Syracuse, N. Y. Cream pitcher. 97,924; Dec. 24.
- Cowles, Helen C., New York, N. Y. Lady's hand bag. 95,317; Apr. 23.
- Cox, Irwin W., Denver, Colo. Grave marker. Des. 94,664; Feb. 26.
- Cox, Irwin W., Denver, Colo. Grave marker. Des. 94,665; Feb. 26.
- Cox, Irwin W., Denver, Colo. Memorial marker. 95,805; June 4.
- Cox, Orin K., Los Angeles, Calif. Dishwashing machine. 95,806; June 4.
- Cox, William F., Webster Groves, Mo. Bottle. 97,324; Oct. 29.
- Coyle, Joseph, Chicago, Ill. Clown-type doll. 96,531; Aug. 13.
- Coyle, Joseph, Chicago, Ill. Clown suit. 96,532; Aug. 13.
- Craft, John B. (See Kapp, B. F., and Craft.)
- Craig, Harvey A., Pasadena, Calif., assignor to Rheem Manufacturing Company, Richmond, Va. Automatic water heater unit. 96,595; Aug. 20.
- Crandall, Mildred, Dunkirk, N. Y., assignor to Van Raalte Company, Inc., New York, N. Y. Glove. 95,665; May 21.
- Crane Co. (See Hauser, George D., assignor.)
- Crane, Co. (See Zinkil, Roy H., assignor.)
- Craver, Albert F., Lakewood, assignor to The Cleveland Heater Company, Cleveland, Ohio. Water heater. 96,904; Sept. 17.
- Craver, Albert F., Lakewood, assignor to The Cleveland Heater Company, Cleveland, Ohio. Heater. 96,905; Sept. 17.
- Crawford, Edith L., Bronxville, N. Y. Game board. 95,666; May 21.
- Cretors, Charles J., Chicago, Ill. Pop corn stand or similar article. 95,121; Apr. 9.
- Croizat, Madeleine, New York, N. Y. Dress. 97,120; Oct. 8.
- Croizat, Madeleine, New York, N. Y. Dress. 97,121; Oct. 8.
- Croizat, Madeleine, New York, N. Y. Dress. 97,266; Oct. 22.
- Crouse-Hinds Company. (See Olley, Raymond H., assignor.)
- Crowe Name Plate & Manufacturing Co. (See Salyards, William E., Jr., assignor.)
- Crown Stove Works. (See Rogers, Charles J., assignor.)
- Crown Stove Works. (See Rogers, Walter F.)
- Crull, Hugh M., Kirkwood, assignor to International Shoe Company, St. Louis, Mo. Shoe. 96,300; July 23.
- Crull, Hugh M., Kirkwood, assignor to International Shoe Company, St. Louis, Mo. Shoe. 97,593; Nov. 26.
- Cuccio, Minnie, Los Angeles, Calif. Refreshment stand. 96,726; Sept. 3.
- Cunningham, Andrew J., Snyder, assignor to Cataract-Sharpe Manufacturing Company, Buffalo, N. Y. Goblet or similar article. 97,668; Dec. 3.
- Cunningham, Andrew J., Snyder, assignor to Cataract-Sharpe Manufacturing Company, Buffalo, N. Y. Goblet or similar article. 97,669; Dec. 3.
- Cunningham, Andrew J., Snyder, assignor to Cataract-Sharpe Manufacturing Company, Buffalo, N. Y. Goblet or similar article. 97,670; Dec. 3.
- Cunningham, Andrew J., Snyder, assignor to Cataract-Sharpe Manufacturing Company, Buffalo, N. Y. Goblet or similar article. 97,671; Dec. 3.
- Cunningham, Andrew J., Snyder, assignor to Cataract-Sharpe Manufacturing Company, Buffalo, N. Y. Goblet or similar article. 97,672; Dec. 3.
- Cunningham, Andrew J., Snyder, assignor to Cataract-Sharpe Manufacturing Company, Buffalo, N. Y. Goblet or similar article. 97,673; Dec. 3.
- Cunningham, Andrew J., Snyder, assignor to Cataract-Sharpe Manufacturing Company, Buffalo, N. Y. Goblet or similar article. 97,674; Dec. 3.
- Curtis, Harry B., Huntington, assignor to The Bridgeport Hardware Manufacturing Corporation, Bridgeport, Conn. Wrench. 97,325; Oct. 29.
- Curtiss, George E., and C. J. Klein, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Automobile radiator ornament or similar article. 97,032; Sept. 24.
- Cushman, H. T., Mfg. Co. (See De Vries, Herman E., assignor.)
- Custer, Levitt L., Oakwood, Ohio. Water cycle. 96,906; Sept. 17.
- Cuthbert, William R., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Pencil. 96,022; June 25.
- Cuthbert, William R., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 96,023; June 25.
- Cutler-Hammer, Inc. (See Millermaster, Ralph A., assignor.)
- Cwazka, Charles F., Jackson Heights, N. Y. Emblem key. 97,122; Oct. 8.
- Czarnecki, Mary, et al. (See Czarnecki, Walter and W. V., Jr., assignors.)
- Czarnecki, Stanley, et al. (See Czarnecki, Walter and W. V., Jr., assignors.)
- Czarnecki, Walter, and W. V., Jr., assignors to Walter and M. Czarnecki, N. Wojowski, Wesley, S. W. V., Jr., and C. Czarnecki, Eddington, Pa., a copartnership trading as Eddington Metal Specialty Co. Combined valve and strainer housing. Des. 94,734; Mar. 5.
- Czarnecki, Wesley, et al. (See Czarnecki, Walter and W. V., Jr., assignors.)
- D'Addario, Thomas, assignor to Hoffman Beverage Company, Newark, N. J. Bottle. Des. 94,341; Jan. 15.
- Dahl, Archie, Chicago, Ill. Radiocabinet. Des. 94,666; Feb. 26.
- Dahlstrom, Arvid, and P. N. Nelson, assignors to Developments Incorporated, Chicago, Ill. Coin slot device. Des. 95,022; Apr. 2.
- Dalton Hat Co. Inc., The. (See Margulies, John, assignor.)
- Dammé, Olga, Providence, R. I., assignor to Coro-Gram Inc., New York, N. Y. Alphabet for forming monograms. 96,163; July 9.
- Danchelsky, Jack, Brooklyn, N. Y. Shoe. 96,818; Sept. 10.
- Daniell, John F., New York, N. Y. Combined display stand and container therefor. 97,123; Oct. 8.

- Darragh, Harry, Effingham, Ill., assignor to Vulcan Corporation, Portsmouth, Ohio. Shoe heel. 97,467; Nov. 12.
- Darrow, Burgess, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tire. 96,819; Sept. 10.
- Darrow, Burgess, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tire. 97,468; Nov. 12.
- Daum, Charles, Forest Hills, N. Y. Combined refrigerator tray and container unit. 96,450; Aug. 6.
- Davies-Cooke, Beatrice, Hartley, Longfield, England. Medallion or similar article. 96,533; Aug. 13.
- Davies, Josephine, New York, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. Des. 94,262; Jan. 8.
- Davies, Josephine, New York, N. Y., assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 97,267; Oct. 22.
- Davis, Abraham L., New York, N. Y. Lady's combination knitted sweater and cap. Des. 94,297; Jan. 8.
- Davis, Albert L., Watertown, assignor to The American Brass Company, Waterbury, Conn. Cocktail shaker or similar article. 97,675; Dec. 3.
- Davis, Alta B., Los Angeles, Calif. Table or similar article. 97,548; Nov. 19.
- Davis, Bettie, Chicago, Ill. Apron. Des. 94,190; Jan. 1.
- Davis & Catterall. (See Maibach, John J., assignor.)
- Davis, Cortland W., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp chimney. 97,698; Dec. 3.
- Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Pistol grip oil can. 98,027; Dec. 31.
- Davis, Louis, Brooklyn, N. Y. Sleeping garment or similar article. 95,488; May 7.
- Davison, Robert L. (See Groeniger, W. C., and Davison.)
- Davissou, Delos W. (See Bering, D. A., and Davissou.)
- Davock, Harlow N., Birmingham, Mich. Lavatory. 95,807; June 4.
- Davock, Harlow N., Birmingham, Mich. Bathtub. 97,729; Dec. 3.
- Day, George J., Buffalo, N. Y. Oven heat indicator. 97,040; Oct. 1.
- Day, Wilbur M., assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 96,820; Sept. 10.
- Deagan, J. C., Inc. (See Musser, Clair O., assignor.)
- De Boer, Rudolph F., Grand Rapids, Mich. Ash receiver. 95,808; June 4.
- Debski, Frank. (See Frankl, Paul T., assignor.)
- Debski, Frank, Brooklyn, N. Y. Chaise longue. Des. 94,380; Jan. 22.
- Decal Products Company, The. (See Kane, Bernard N., assignor.)
- Decker, Sol. (See Lucke, Norman F., assignor.)
- Deerfield Glassine Company. (See Scott, Norman E., assignor.)
- Deering Milliken & Co. (See Landry, William A., assignor.)
- Defance Pressed Steel Company, The. (See Bereit, Otto P., assignor.)
- Defance Pressed Steel Company, The. (See Herbolzheimer, Emil L., assignor.)
- De Graff, Ernest A., Chicago, Ill. Carrying case or similar article. 96,821; Sept. 10.
- Deiches, Walter H., assignor to Bloomingdale Bros. Inc., New York, N. Y. Combination brassière and skirt. 96,727; Sept. 3.
- Deist, Gertrude, New York, N. Y. Textile fabric or similar article of manufacture. 95,489; May 7.
- Deist, Gertrude, New York, N. Y. Textile fabric, or similar article of manufacture. 97,179; Oct. 15.
- Deitsch, Alan B., New York, N. Y. Hand bag. 97,730; Dec. 3.
- Delaize, Paul C., New York, N. Y. Bottle. 96,651; Aug. 27.
- Delaval-Crow, Thomas C., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Power unit. 96,451; Aug. 6.
- De Liso, Vincent, Astoria, N. Y. Shoe. 95,228; Apr. 16.
- De Liso, Vincent, Astoria, N. Y. Shoe. 95,809; June 4.
- De Liso, Vincent, Astoria, N. Y. Shoe. 96,024; June 25.
- Delman, Inc. (See Ellington, Ferdinand W., assignor.)
- Delman, Inc. (See Morill, Charles, assignor.)
- De Long, Everett M., Cleveland, Ohio. Motor-cycle. 95,948; June 18.
- Del Re, Gennaro, New York, N. Y. Shoe. 96,164; July 9.
- Delta Electric Company. (See Wiley, Lee M., assignor.)
- Delta Manufacturing Company, The. (See Tautz, Herbert E., assignor.)
- Dennis, Helen B., New York, N. Y., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Electric lamp. Des. 94,191; Jan. 1.
- Dennis, Helen B., New York, N. Y., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Cigarette box or similar article. 97,382; Nov. 5.
- Dennis, Helen B., New York, N. Y., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Holder for jellies or the like. 97,383; Nov. 5.
- Dernehl, Herbert U., Milwaukee, Wis. Artificial floral table ornament. 97,925; Dec. 24.
- Deskey, Donald, New York, N. Y., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Drinking glass. 97,594; Nov. 26.
- Deskey, Donald, New York, N. Y., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Drinking glass. 97,595; Nov. 26.
- Deskey, Donald, New York, N. Y., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Drinking glass. 97,596; Nov. 26.
- Deskey, Donald, New York, N. Y., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Drinking glass. 97,597; Nov. 26.
- Desprez, Jean, assignor to S. A. Parfumerie Millot, Paris, France. Combination bottle, stopper, and stand. 97,926; Dec. 24.
- Desser, Michael S., assignor to Owens Illinois Glass Company, Toledo, Ohio. Fish jar. 97,041; Oct. 1.
- Deutsch, Sidney E., and N. D. Schneider, New York, N. Y. Writing paper or similar material. 96,165; July 9.
- De Vaulchier, Simon, New York, N. Y. Bottle. 96,728; Sept. 3.
- De Vaulchier, Simon, assignor to Pinaud Incorporated, New York, N. Y. Bottle. 96,729; Sept. 3.
- Developments Incorporated. (See Dahlstrom, A., and Nelson, assignors.)
- Deverall, Charles N., assignor to The Rudolph Wurlitzer Manufacturing Company, North Tonawanda, N. Y. Phonograph cabinet. 96,367; July 30.
- De Vilbiss Company, The. (See Vuilleminot, Frederic A., assignor.)
- De Vries, Herman E., New York, N. Y., assignor to H. T. Cushman Mfg. Co., North Bennington, Vt. Lamp bracket. 95,490; May 7.
- Dexdale Hosiery Mills. (See Berger, Emil J., assignor.)
- Dexdale Hosiery Mills. (See Williams, Ronald F., assignor.)
- Di Antonio, Carmen, Trenton, N. J. Bathroom fixture. Des. 94,192; Jan. 1.
- Dicker, Hyman, Jersey City, N. J. Edible cup. 95,899; June 11.
- Dickerson, Bert A., assignor to Faries Manufacturing Company, Decatur, Ill. Lamp. 95,667; May 21.
- Dickerson, Bert A., assignor to Faries Manufacturing Company, Decatur, Ill. Lamp. 95,668; May 21.
- Dickerson, Bert A., Decatur, Ill. Combined smoking stand and lighter. 97,802; Dec. 10.
- Dickey-Grabler Company, The. (See Clark, Lawrence J., assignor.)
- Dickey-Grabler Company, The. (See Jamieson, John, assignor.)
- Dicksen, Ralph A., assignor to Sola Electric Co., Chicago, Ill. Transformer casing. 95,669; May 21.
- Dictograph Products Company. (See Koch, Henry, assignor.)
- Dierker, Hugh E., Los Angeles, Calif. Colonic therapeutic apparatus. 96,534; Aug. 13.
- Djey el Djey, Los Angeles, Calif. Ash receiver. Des. 94,410; Jan. 29.
- Dobrzanski, Stanislaw, Los Angeles, Calif. Edible container for ice cream. Des. 94,667; Feb. 26.
- Doering, Charles and H. H., Chicago, Ill. Butter print machine. 97,326; Oct. 29.
- Doering, Henry H. (See Doering, Charles and H. H.)
- Dohner, Donald R., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Cover for an instrument casing. Des. 95,023; Apr. 2.
- Dole Valve Company, The. (See MacCowan, Hervey L., assignor.)
- Donley, Harold B. (See Gilmore, J. G., and Donley.)
- Donley, Harold B., assignor to Columbus Metal Products Inc., Columbus, Ohio. Vehicle lamp globe or similar article. 95,810; June 4.
- D'O' Studios, Inc. (See Fuller, James H., assignor.)
- Doring, Ernest C., Quincy, assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. Des. 94,342; Jan. 15.
- Doring, Ernest C., Quincy, assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 95,491; May 7.
- Doring, Ernest C., Quincy, assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 95,492; May 7.
- Doring, Ernest C., Quincy, assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 95,493; May 7.
- Doring, Ernest C., Quincy, assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 95,494; May 7.
- Doring, Ernest C., Quincy, assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 97,180; Oct. 15.
- Dornbusch, Paul, Crefeld, Germany, assignor to R. Neumann & Company, Hoboken, N. J. Leather. 96,301; July 23.
- Dorset, Edward F., Richmond, Va., assignor to Vanward Plan, Inc., Washington, D. C. Envelope holder or similar article. 96,730; Sept. 3.
- Doty, Vern W., Buffalo, N. Y. Ophthalmic mounting. Des. 94,193; Jan. 1.
- Dougherty, George, assignor to Morgantown Glass Works, Morgantown, W. Va. Glass tumbler. 96,731; Sept. 3.
- Douglas Aircraft Company. (See Kindelberger, J. H., and Raymond, assignors.)
- Douglas Aircraft Company. (See Raymond, Arthur E., assignor.)
- Douglass, Forrest G., Los Angeles, Calif., assignor to Viber Company Limited. Concrete vibrator. 97,731; Dec. 3.
- Dover Manufacturing Company. (See Huffman, Russell I., assignor.)
- Dow, Bernard H., Baltimore, Md., assignor to May Oil Burner Corporation. Oil burner. 96,302; July 23.
- Dowd, Bernard J., and H. J. Hart, West Hartford, Conn., assignors to Royal Typewriter Company, Inc., New York, N. Y. Mask for a typewriting machine. 96,652; Aug. 27.
- Downs, Marwood A., Muncie, Ind. Spoon or other article of flatware. 97,124; Oct. 8.

- Draeseke, Alfred W., assignor to Jamestown Metal Equipment Company, Inc., Jamestown, N. Y. Ironing machine. 97,433; Nov. 5.
- Drake, Charles B., assignor to Neon-Globe Co., Inc., Norfolk, Va. Face plate for signs. Des. 94,668; Feb. 26.
- Drake, Charles B., assignor to Neon-Globe Co., Inc., Norfolk, Va. Face plate for signs. Des. 94,669; Feb. 26.
- Drake, Frederick A., New York, N. Y. Game apparatus. 96,907; Sept. 17.
- Drake, Harold M., Boston, Mass., assignor to C. B. Slater Company, South Braintree, Mass. Shoe. 95,122; Apr. 9.
- Drake, Stoney, Atlanta, Ga., assignor to Optic Liquid Measures, Inc., Norfolk, Va. Liquid dispensing rack. 97,042; Oct. 1.
- Dreher, Monroe F., Montclair, N. J., assignor to The Nestle-Lemur Company, New York, N. Y. Cabinet for a hair waving apparatus or similar article. 97,843; Dec. 17.
- Dreitzer, Albert J., New York, N. Y. Tumbler. 95,318; Apr. 23.
- Drell, Barney, New York, N. Y. Shoe. 96,908; Sept. 17.
- Drew, Clayton L., San Francisco, Calif. Agitator for a mixing device. 96,368; July 30.
- Dreyfuss, Henry, New York, assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Wringer head for a domestic washing machine. Des. 95,026; Apr. 2.
- Dreyfuss, Henry, New York, N. Y., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning control. 96,822; Sept. 10.
- Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio. Handle ball for a suction cleaner or similar article. 97,803; Dec. 10.
- Dreyfuss, Henry, New York, N. Y., assignor to The Hoover cleaner or similar article. 97,990; Dec. 31.
- Driscoll, Desmond J., Baldwin, and L. Pesacov, New York, N. Y. Radiator cover. Des. 94,598; Feb. 19.
- Driscoll, Desmond J., Baldwin, and L. Pesacov, New York, N. Y. Radiator cover. Des. 94,599; Feb. 19.
- Duffy, Thomas I., Detroit, Mich., assignor to The Westfield Manufacturing Company, Westfield, Mass. Woman's bicycle. 97,927; Dec. 24.
- Duffy, Thomas I., Detroit, Mich., assignor to The Westfield Manufacturing Company, Westfield, Mass. Man's bicycle. 97,928; Dec. 24.
- Du Grenier, Francis C., assignor of one-half to B. E. Bouchard, Haverhill, Mass. Vending machine cabinet. Des. 95,024; Apr. 2.
- Du Grenier, Francis C., assignor of one-half to B. E. Bouchard, Haverhill, Mass. Vending machine cabinet. Des. 95,025; Apr. 2.
- Dulany, Helen H., Chicago, Ill., assignor to The Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Vacuum cleaner casing. 96,823; Sept. 10.
- Dumont, Ray, New York, N. Y. Mannikin head. 96,095; July 2.
- Dunbar, Ernest W., Hudson, assignor to Cambridge Rubber Co., Cambridge, Mass. Shoe. 95,732; May 28.
- Dunbar, George S., Columbus, Ohio, assignor to The Federal Glass Company, Columbus, Ohio. Glass plate or article of similar nature. 95,579; May 14.
- Duncan, George C., Jr., assignor to Duncan No-Noise Valve & Bowl Co., Inc., Los Angeles, Calif. Toilet. 95,733; May 28.
- Duncan & Miller Glass Company. (See May, Robert A.)
- Duncan No-Noise Valve & Bowl Co. (See Duncan, George C., Jr., assignor.)
- Dunhill, Mary, Inc. (See Ogden, Arnold L., assignor.)
- Dunkelberger, Milton S., Dayton, Ohio. Ice crusher. Des. 94,600; Feb. 19.
- Dunkelberger, Milton S., Dayton, Ohio. Ice Cracker. 95,229; Apr. 16.
- Dunkelberger, Milton S., Dayton, Ohio. Ice-cube spoon. 95,949; June 18.
- Dunkelberger, Milton S., Dayton, Ohio. Ice crusher. 96,369; July 30.
- Dunne, Laurence A., St. Louis, Mo. Dispensing container. Des. 94,814; Mar. 12.
- Dunnock, John L., assignor to Swindell Brothers, Incorporated, Baltimore, Md. Bottle. 95,900; June 11.
- Duntze, George D., assignor to J. T. Caradine, St. Louis, Mo. Sign. 95,734; May 28.
- Dunwoody, Isaac M., Denver, Colo. Game device. 97,991; Dec. 31.
- Durable Toy and Novelty Corporation. (See Schofer, Fred, assignor.)
- Durant, William B., Belmont, Mass. Jar. 97,469; Nov. 12.
- Duro Metal Products Company. (See Hedgpeth, Theron L., assignor.)
- Duvall, Stanley A., Edinburg, Tex., assignor of one-half to L. V. Ruffin, Louisville, Ky. Sadrin stand. 96,958; Sept. 24.
- E. A. Laboratories, Inc. (See Aufiero, John M., assignor.)
- Eagle, Charles J. (See Grom, H. W., and Eagle.)
- Eagle, Charles J., Rochester, N. Y. Nose pad for spectacle frames. 97,181; Oct. 15.
- Eagle Clothes. (See Tomkin, Isidore, assignor.)
- Eagle Foundry Company. (See Klemme, Maurice G., assignor.)
- Eagle Pencil Company. (See Baumgard, George H., assignor.)
- Eagle Pencil Company. (See Hanle, Benjamin W., assignor.)
- Eagle Pencil Company. (See Huber, Otto, assignor.)
- Eagle Pencil Company. (See Mellner, Joseph, assignor.)
- Earl, Harley J., assignor to General Motors Corporation, Detroit, Mich. Automobile. 95,495; May 7.
- Earl, Harley J., assignor to General Motors Corporation, Detroit, Mich. Automobile. 95,496; May 7.
- Easter, Maurice A., Nashua, N. H., assignor to Brown Durrell Co., Boston, Mass. Wrapping paper or similar article. Des. 94,878; Mar. 19.
- Eastern Trimming & Cord Co. (See Libou, Samuel, assignor.)
- Eastman Kodak Company. (See Mihalyi, Joseph, assignor.)
- Eastman Kodak Company. (See Teague, Walter D., assignor.)
- Eaton, William H., and I. L. Follett, Santa Barbara, Calif. Beverage glass cleanser. 95,319; Apr. 23.
- Eaton, William H., and I. L. Follett, Santa Barbara, Calif. Beverage glass cleanser. 95,320; Apr. 23.
- Ebbert, Daniel F., Wheeling, W. Va. Finger ring. 95,123; Apr. 9.
- Ebeling & Reuss, Inc. (See Kogan, Belle, assignor.)
- Eck, Joseph B., Sheboygan, Wis. Coaster wagon. 95,580; May 14.
- Eck, Jules J., York, Pa. Grave marker. 96,452; Aug. 6.
- Ecklund, Albert T., Jamestown, N. Y. Mat. 96,230; July 16.
- Eden, Harold W., assignor to Triple-A Specialty Company, Chicago, Ill. Hydrometer. Des. 94,321; Jan. 8.
- Edson, Bert, Pawtucket, R. I. Lace. 95,321; Apr. 23.
- Edson, Bert, Pawtucket, R. I. Lace. 95,735; May 28.
- Edson, Bert, Pawtucket, R. I. Lace. 97,384; Nov. 5.
- Edson, Bert, Pawtucket, R. I. Lace. 97,470; Nov. 12.
- Edson, Bert, Pawtucket, R. I. Lace. 97,598; Nov. 26.
- Edson, Bert, Pawtucket, R. I. Lace. 97,636; Nov. 26.
- Edson, Bert, Pawtucket, R. I. Lace. 97,844; Dec. 17.
- Edson, Bert, Pawtucket, R. I. Lace. 97,880; Dec. 17.
- Edson, Bert, Pawtucket, R. I. Lace. 97,881; Dec. 17.
- Edson, Bert, Pawtucket, R. I. Lace. 97,882; Dec. 17.
- Edson, Bert, Pawtucket, R. I. Lace. 97,992; Dec. 31.
- Edson, Bert, Pawtucket, R. I. Lace. 97,993; Dec. 31.
- Edwards, Henry J., assignor to The Willys-Overland Company, Toledo, Ohio. An automobile. 97,929; Dec. 24.
- Egert, Samuel S., Brooklyn, N. Y. Vernier dial. Des. 94,470; Feb. 5.
- Ehrenreich, Frank C., assignor to Continental Coffee Company, Chicago, Ill. Coffee making apparatus. Des. 94,194; Jan. 1.
- Ehret, King E., assignor to Oakland Foundry Company, Belleville, Ill. Coal and wood burning heater. Des. 94,195; Jan. 1.
- Eichmuller, Ferdinand, Philadelphia, Pa., assignor to Baker & Company, Inc., Newark, N. J. Jewelry setting or similar article. 97,845; Dec. 17.
- Eidinger, Otto, assignor to R. Eidinger, doing business as Meer Made Products, Chicago, Ill. Protective apron. Des. 90,343; Jan. 15.
- Eidinger, Robert. (See Eidinger, Otto, assignor.)
- Eidman, Guy G., Houston, Tex. Combined weighing and advertising device. 96,025; June 25.
- Eiler, Joseph C., Akron, Ohio. Combined change-making and check-canceling device. 97,385; Nov. 5.
- Eisenberg, Charles G., Jr., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Dump body truck. 97,159; Oct. 8.
- Eisenberg, Isidore, New York, N. Y. Hat. 96,026; June 25.
- Eijk, Anna L., South Plainfield, N. J. Pillow top or similar article. Des. 94,736; Mar. 5.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Disk wheel. Des. 94,735; Mar. 5.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 96,824; Sept. 10.
- Eksergian, Carolus L., and D. Alexander, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Metallic artillery wheel. 96,453; Aug. 6.
- Electric Home and Farm Authority, Incorporated. (See Stephens, Albert N., assignor.)
- Electric Trading Corporation. (See Goldbert, Max L., assignor.)
- Electric Vacuum Cleaner Company, The. (See Dulany, Helen H., assignor.)
- Electrolux Corporation. (See Ahnström, Erik G., assignor.)
- Elkin, Newton, Philadelphia, Pa. Shoe. Des. 94,411; Jan. 29.
- Elkin, Newton, Philadelphia, Pa. Shoe. Des. 94,948; Mar. 26.
- Elkin, Newton, Philadelphia, Pa. Shoe. Des. 94,949; Mar. 26.
- Elkin, Newton, Philadelphia, Pa. Shoe. Des. 94,950; Mar. 26.
- Elkin, Newton, Philadelphia, Pa. Shoe. Des. 94,951; Mar. 26.
- Elkin, Newton, Philadelphia, Pa. Shoe. Des. 94,952; Mar. 26.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 96,370; July 30.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 96,535; Aug. 13.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 96,536; Aug. 13.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 96,537; Aug. 13.

- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 97,471; Nov. 12.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 97,637; Nov. 26.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 97,638; Nov. 26.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 97,762; Dec. 10.
- Ellington, Ferdinand W., Jamaica, N. Y., assignor to Delman, Inc., New York, N. Y. Shoe. 95,322; Apr. 23.
- Ellington, Ferdinand W., Jamaica, N. Y., assignor to Delman, Inc., New York, N. Y. Shoe. 95,323; Apr. 23.
- Ellington, Ferdinand W., Jamaica, assignor to Delman, Inc., New York, N. Y. Shoe. 95,901; June 11.
- Ellington, Ferdinand W., New York, N. Y. Shoe. 97,043; Oct. 1.
- Ellison, George, Lynbrook, N. Y. Game board. 96,027; June 25.
- Ellsworth, Charles K. (See Van Doren, H. L., and Ellsworth.)
- Elmore, Charles B., Fairfield, Conn. Bag. 96,303; July 23.
- Ely, Arthur, assignor of one-half to A. G. Smith, Elyria, Ohio. Bicycle. Des. 94,815; Mar. 12.
- Ely, Edwin D., Troy, Pa. Milking stool. 97,846; Dec. 17.
- Embalming Burial Case Company. (See Thompson, William E., assignor.)
- Emmey, Charles, New York, N. Y. Emblem for articles of apparel. 96,732; Sept. 3.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 97,699; Dec. 3.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 97,700; Dec. 3.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 97,701; Dec. 3.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 97,702; Dec. 3.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 97,703; Dec. 3.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 97,704; Dec. 3.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 97,705; Dec. 3.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 97,706; Dec. 3.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 97,707; Dec. 3.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 97,708; Dec. 3.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 97,804; Dec. 10.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 97,805; Dec. 10.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 97,806; Dec. 10.
- Emons, Ernest E., Kennett Square, Pa. Spectacle front. Des. 94,541; Feb. 12.
- Ender, Sidney, Brooklyn, N. Y. Reflector. 95,230; Apr. 16.
- Endres, Frank H., Milwaukee, Wis. Grave vault. 96,166; July 9.
- Englander, Jacob, East Orange, N. J. Bottle. Des. 94,471; Feb. 5.
- Epstein, Bernard, New York, N. Y. Lady's sweater. 96,959; Sept. 24.
- Epstein, Bernard, New York, N. Y. Lady's sweater. 97,044; Oct. 1.
- Epstein, Samuel, assignor to Ansonia Bootery, Inc., New York, N. Y. Shoe. Des. 94,263; Jan. 8.
- Epstein, Samuel, assignor to Ansonia Bootery, Inc., New York, N. Y. Shoe. Des. 94,264; Jan. 8.
- Epstein, Samuel, New York, N. Y. Shoe. Des. 95,027; Apr. 2.
- Epstein, Samuel, New York, N. Y. Shoe. Des. 95,028; Apr. 2.
- Epstein, Samuel, New York, N. Y. Shoe. 96,167; July 9.
- Epstein, Samuel, New York, N. Y. Shoe. 96,596; Aug. 20.
- Epstein, Samuel, New York, N. Y. Shoe. 96,733; Sept. 3.
- Epstein, Samuel, New York, N. Y. Shoe. 96,734; Sept. 3.
- Epstein, Samuel, New York, N. Y. Shoe. 97,676; Dec. 3.
- Epstein, Seymour G., assignor to National Wholesale Liquor Company, Inc., Baltimore, Md. Bottle or similar container. Des. 94,953; Mar. 26.
- Epworth, Renaldo C., Hackensack, N. J. Fan. 96,825; Sept. 10.
- Erhard, Gustave F., Scranton, Pa. Curtain fabric or similar article. 96,371; July 30.
- Erhard, Gustave F., Scranton, Pa. Curtain fabric or similar article. 96,372; July 30.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 97,930; Dec. 24.
- Erpf, Willy H., Fairview, N. J., assignor to Tobler & Hoening, New York, N. Y. Embroidered lace. 96,096; July 2.
- Erpf, Willy H., Fairview, N. J., assignor to Tobler & Hoening, New York, N. Y. Embroidered lace. 96,097; July 2.
- Erpf, Willy H., Fairview, N. J., assignor to Tobler & Hoening, New York, N. Y. Embroidered lace. 96,098; July 2.
- Erpf, Willy H., Fairview, N. J., assignor to Tobler & Hoening, New York, N. Y. Embroidered lace. 96,373; July 30.
- Erwood, Joseph, assignor to The Webster Company, Chicago, Ill. Combined amplifier and projector cabinet. 97,763; Dec. 10.
- Esterow, Leo. (See Klein, Abraham.)
- Estrella, Antonio, San Francisco, Calif. Desk file or analogous article. 96,826; Sept. 10.
- Eureka Vacuum Cleaner Company. (See Schaad, Theodore A., assignor.)
- Evans Case Company. (See Lawrence, Cecil H., assignor.)
- Evans Case Company. (See Reilly, Alfred F., assignor.)
- Evans, Gilbert H., Rockville Centre, N. Y. Horizontal tank stand. 96,454; Aug. 6.
- Evans, H. C., & Company. (See Sturm, Jack A., assignor.)
- Evans, Powell, Haverford, Pa. Fire extinguisher. 95,902; June 11.
- Everett, Edward A., Long Island City, N. Y. Insulation block for electric terminals. Des. 94,344; Jan. 15.
- Exact Weight Scale Company, The. (See Flanagan, Thomas B., assignor.)
- Excelsior Stove and Manufacturing Co. (See Heidebreder, Herman H., assignor.)
- Exhibit Supply Company, The. (See Hoagland, Charles E., assignor.)
- Exhibit Supply Company. (See Kelly, Leo J., assignor.)
- Exhibit Supply Co. (See Soellner, Oscar D., assignor.)
- Extract, Maurice, New York, N. Y. Dress. 96,960; Sept. 24.
- Extract, Maurice, New York, N. Y. Dress. 96,961; Sept. 24.
- Extract, Maurice, New York, N. Y. Dress. 96,962; Sept. 24.
- Extract, Maurice, New York, N. Y. Dress. 96,963; Sept. 24.
- Factor, Davis, assignor to Max-Factor & Co., Los Angeles, Calif. Bottle. 97,639; Nov. 26.
- Fago, Alfred, New York, N. Y. Rug. 97,640; Nov. 26.
- Fago, Alfred V., New York, N. Y., assignor to Bigelow-Sanford Carpet Co., Inc. Rug. 96,597; Aug. 20.
- Fain, Ben, Hollywood, Calif. Finger ring or similar article. 96,735; Sept. 3.
- Fairbanks-Morse Home Appliances, Inc. (See Berg, Hans, assignor.)
- Farber, Jacob, New York, N. Y. Coin register bank. 96,304; July 23.
- Farber, S. W., Inc. (See Menard, Omer A., assignor.)
- Farber, Simon W., Brooklyn, N. Y. Candelabrum. 96,099; July 2.
- Farber, Simon W., Brooklyn, N. Y. Standard for a candelabrum or other article. 96,374; July 30.
- Faries Manufacturing Company. (See Dickerson, Bert A., assignor.)
- Faries Manufacturing Company. (See Gaul, Frank M., assignor.)
- Farr, Edward A., assignor to Manning, Bowman & Co., Meriden, Conn. Electric toaster. 97,182; Oct. 15.
- Farr, Edward A., assignor to Manning, Bowman & Co., Meriden, Conn. Combined baking and serving dish or similar article. 97,472; Nov. 12.
- Farr, Fred D., Mamaroneck, N. Y., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Book end. 95,811; June 4.
- Fasking, Frederick A., Chicago, Ill. Finger ring. Des. 94,737; Mar. 5.
- Fasking, Frederick A., Chicago, Ill. Finger ring. Des. 94,738; Mar. 5.
- Fasking, Frederick A., Chicago, Ill. Finger ring. Des. 94,739; Mar. 5.
- Fassin, Gustave, Irondequoit, N. Y. Microscope. 95,670; May 21.
- Fassin, Gustave, Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Microtome. 96,231; July 16.
- Faulhaber, Roland W., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle. 95,950; June 18.
- Faulhaber, Roland W., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle seat. 97,734; Dec. 3.
- Fe Bland, Leon C., Montclair, N. J. Combination coaster and ash tray. 95,124; Apr. 9.
- Fedders Manufacturing Company. (See Smith, Lawrence C., assignor.)
- Federal Glass Company. (See Dunbar, George S., assignor.)
- Fee and Stenwedel, Inc. (See Stenwedel, Albert L., assignor.)
- Feinauer, George A., assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 96,812; June 4.
- Feldblat, Herman L., and O. Goldberger, assignors to Rotor-Table Games, Inc., New York, N. Y. Game table. 97,183; Oct. 15.
- Feldman, Morris, New York, N. Y. Knitted dress. 95,786; May 28.
- Feldman, Morris, New York, N. Y. Knitted textile fabric. 97,125; Oct. 8.
- Felix, Michael, Flushing, N. Y. Coffee infusion device. Des. 94,381; Jan. 22.
- Felix, Michael, Flushing, N. Y. Jar for a coffee infusion urn. 96,573; Aug. 13.
- Felz, Arthur W., Toledo, Ohio. Warning sign. 98,028; Dec. 31.
- Fenton, Frank L., Williamstown, W. Va. Whisky glass. 95,903; June 11.
- Fenton, George F. (See Miller, J. M., and Fenton.)

- Fenton, George F., and R. C. Bangs, assignors to The Progressive Ring Company, Providence, R. I. Bracelet or Similar Article of Jewelry. 95,231; Apr. 16.
- Ferentz, Laura, administratrix. (See Ferentz, Max L.)
- Ferentz, Max L.; L. Ferentz, New York, N. Y., administratrix of said M. L. Ferentz, deceased. Display Stand. 95,232; Apr. 16.
- Filippi, Eugenio, Fairview, N. J. Lace fabric or similar article. 96,598; Aug. 20.
- Filtro Faucet Manufacturing Co. (See Robinovitz, Jack, assignor.)
- Finaly, Adolf, New York, N. Y., assignor to Alfred Kohlberg, Inc. Handkerchief. 97,126; Oct. 8.
- Fink, Henry W. (See Will, C. H., and Fink.)
- Firestone Footwear Company. (See Carrier, George B., assignor.)
- Firestone Tire & Rubber Company, The. (See Hargraves, Albert, assignor.)
- Fischer, Arthur, New York, N. Y. Slip. 96,232; July 16.
- Fishman, Jacob, Brooklyn, N. Y., assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 94,382; Jan. 22.
- Fishman, Jacob, Brooklyn, N. Y., assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 94,383; Jan. 22.
- Fishman, Jacob, Brooklyn, N. Y., assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. Des. 94,740; Mar. 5.
- Fishman, Jacob, Brooklyn, N. Y. Shoe. 95,173; Apr. 16.
- Fishman, Jacob, Brooklyn, N. Y., assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 95,233; Apr. 16.
- Fishman, Jacob, Brooklyn, N. Y., assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 95,234; Apr. 16.
- Fishman, Jacob, Brooklyn, N. Y., assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 95,235; Apr. 16.
- Fishman, Jacob, Brooklyn, N. Y., assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 95,236; Apr. 16.
- Fishman, Jacob, Brooklyn, N. Y., assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 95,497; May 7.
- Fishman, Jacob, Brooklyn, N. Y., assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 95,736; May 28.
- Fishman, Jacob, Brooklyn, N. Y., assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 95,737; May 28.
- Fishman, Jacob, Brooklyn, N. Y., assignor to D. N. Borkum, Brookline, Mass. Shoe. 96,736; Sept. 3.
- Fishman, Jacob, New York, N. Y. Shoe. 97,268; Oct. 22.
- Fisk Rubber Corporation, The. (See Balthazar, Arthur assignor.)
- Fisk Rubber Corporation, The. (See Maynard, Charles E., assignor.)
- Fitchburg Paper Company. (See Lester, Howard W., assignor.)
- 5¢ Cup Inc. of New Jersey, The. (See Roach, Jesse E., assignor.)
- Flanigan, John J., Oak Park, Ill., assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Combined hectograph duplicating machine stand and hectograph roll storage cabinet. Des. 94,412; Jan. 29.
- Flaum, Theo, New York, N. Y. Hat. 96,100; July 2.
- Fleischmann, Edwin M., Baltimore, assignor to The Calvert Distilling Company, Relay, Md. Bottle. 96,233; July 16.
- Fleming, Mary P. (See Allen, G. N., Fleming, and Bennett.)
- Fleming, Mary P. (See Bedford, E. B., and Fleming.)
- Flesh, Alfred L., assignor to The Piqua Hosiery Company, Inc., Piqua, Ohio. Bathing suit. 97,269; Oct. 22.
- Flesh, Alfred L., assignor to The Piqua Hosiery Company, Inc., Piqua, Ohio. Bathing suit. 97,270; Oct. 22.
- Flesh, Alfred L., assignor to The Piqua Hosiery Company, Inc., Piqua, Ohio. Bathing suit. 97,271; Oct. 22.
- Flier, Leo, Brooklyn, N. Y. Jewelry display case. 96,375; July 30.
- Flier, Leo, Brooklyn, N. Y. Jewelry display case. 97,006; Sept. 24.
- Flier, Leo, Brooklyn, N. Y. Jewelry display case. 97,709; Dec. 3.
- Flint, Harry M. (See Yelm, C. W., and Flint.)
- Florence Stove Company. (See Bradbury, William T., assignor.)
- Florman, Irving, New York, N. Y. Table lighter. 96,376; July 30.
- Florman, Irving, New York, N. Y. Combination ash tray and cigar lighter. 96,653; Aug. 27.
- Flynn, Mae P., Minneapolis, Minn. Match box doll. Des. 94,741; Mar. 5.
- Follett, Ivan L. (See Eaton, W. H., and Follett.)
- Ford Motor Company. (See Galamb, Joseph, assignor.)
- Ford, Romy F., New York, N. Y. Totem pole and picture transposer toy. 97,160; Oct. 8.
- Forsch, Lawrence H., Cleveland, Ohio. Lady's suit. Des. 94,601; Feb. 19.
- Forsch, Lawrence H., Cleveland, Ohio. Lady's suit. Des. 94,602; Feb. 19.
- Forsch, Lawrence H., Cleveland, Ohio. Lady's suit. Des. 94,603; Feb. 19.
- Forsch, Lawrence H., Cleveland, Ohio. Lady's suit. Des. 94,604; Feb. 19.
- Forsch, Lawrence H., Cleveland, Ohio. Lady's suit. Des. 94,670; Feb. 26.
- Forsch, Lawrence H., Cleveland, Ohio. Lady's suit. Des. 94,742; Mar. 5.
- Forsch, Lawrence H., Cleveland, Ohio. Lady's Suit. 95,237; Apr. 16.
- Forsch, Lawrence H., Cleveland, Ohio. Lady's Suit. 95,238; Apr. 16.
- Forsch, Lawrence H., Shaker Heights, Ohio. Lady's cloak. 96,455; Aug. 6.
- Forsch, Lawrence H., Shaker Heights, Ohio. Lady's suit. 96,456; Aug. 6.
- Forsch, Lawrence H., Shaker Heights, Ohio. Lady's cloak. 96,457; Aug. 6.
- Forsch, Lawrence H., Shaker Heights, Ohio. Lady's cloak. 97,045; Oct. 1.
- Forstmann, C. E., Montclair, N. J. Textile fabric. 95,126; Apr. 9.
- Forstmann, C. E., Montclair, N. J. Textile fabric. 97,184; Oct. 15.
- Forstmann, C. E., Montclair, N. J. Textile fabric. 97,185; Oct. 15.
- Forstmann, C. E., Montclair, N. J. Textile fabric. 97,226; Oct. 15.
- Forstmann, C. E., Montclair, N. J. Textile fabric. 97,227; Oct. 15.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. Des. 94,472; Feb. 5.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. Des. 94,671; Feb. 26.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. Des. 94,743; Mar. 5.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. Des. 94,816; Mar. 12.
- Forstmann, Curt E., Montclair, N. J. Woven textile fabric. Des. 94,817; Mar. 12.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. Des. 94,818; Mar. 12.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. Des. 94,819; Mar. 12.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. Des. 94,879; Mar. 19.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. Des. 94,954; Mar. 26.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. Des. 94,955; Mar. 26.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. Des. 95,030; Apr. 2.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. Des. 95,031; Apr. 2.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. Des. 95,032; Apr. 2.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 95,404; Apr. 30.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 95,581; May 14.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 96,028; June 25.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 96,101; July 2.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 96,102; July 2.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 96,103; July 2.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 96,377; July 30.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 96,378; July 30.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 96,458; Aug. 6.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 96,459; Aug. 6.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 96,538; Aug. 13.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 97,046; Oct. 1.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 97,599; Nov. 26.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 97,732; Dec. 3.
- Forstmann, Curt E., Montclair, N. J. Textile fabrics. 97,733; Dec. 3.
- Foss, Helen E., assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. 95,125; Apr. 9.
- Foss, Oscar F., Rockford, Ill. Pouch. Des. 94,542; Feb. 12.
- Fostoria Glass Company. (See Bottome, Edgar M., assignor.)
- Fostoria Glass Company. (See Sakier, George, assignor.)
- Fostoria Glass Company. (See Stahl, Eugene, assignor.)
- Fostoria Glass Company. (See Williams, Finley, assignor.)
- Fox, Edw., Baking Co. (See Brennan, Patrick J., assignor.)
- Fox, Jerome J., New York, N. Y. Glove. 96,104; July 2.
- Fox, Jerome J., New York, N. Y. Glove. 96,234; July 16.
- Fox, Jerome J., New York, N. Y. Glove. 97,764; Dec. 10.
- Fox, Jerome J., New York, N. Y. Glove. 97,765; Dec. 10.
- Fox, Martin, assignor to The Seng Company, Chicago, Ill. Base unit of a studio couch or similar article. 96,029; June 25.
- Fox, Maud C. (See Scott, I. G., and Fox.)
- Fraddin, Samuel, Lewiston, Maine. Shoe. 95,738; May 28.
- Frame, Edgar B., assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Oil burner pumping and control unit. 96,964; Sept. 24.

- Franch, R. T., Company, The. (See Westgate, Oscar L., assignor.)
- Francis, Lynn M., Birmingham, Mich. Smoker's pipe. 95,739; May 28.
- Frank, Harrison J. L., Detroit, Mich. Combined switch and fuse panel board. 96,460; Aug. 6.
- Frank, William H., assignor to Bulldog Electric Products Company, Detroit, Mich. Bus duct run. Des. 94,298; Jan. 8.
- Frankart, Inc. (See Underberg, Henry, assignor.)
- Frankl, Paul T., Los Angeles, Calif., assignor to F. Debski, New York, N. Y. Chaise longue. 95,671; May 21.
- Franklin Die Casting Company. (See Siemund, Herbert A., assignor.)
- Franklin, James G., Jamaica, N. Y. Lodge badge. 96,461; Aug. 6.
- Franklin Oil Heating Inc. (See Gilmore, J. G., and Donley, assignors.)
- Franklin Simon & Co. (See Goodman, Abraham, assignor.)
- Franklin Simon & Co. (See Kronman, Evelyn, assignor.)
- Franklin Simon & Co. (See Labn, Blanche, assignor.)
- Franklin Simon & Co. (See Porpora, Mary, assignor.)
- Frantz, Clarence G., Cleveland Heights, assignor to The Apex Electrical Manufacturing Company, Cleveland Ohio. Suction cleaner dust-bag. Des. 94,196; Jan. 1.
- Frantz, Emil, San Francisco, Calif. Ash tray. Des. 95,033; Apr. 2.
- Frederick, Carl K., Detroit, Mich. Play ball. Des. 95,034; Apr. 2.
- Fredericks, John, Inc. (See Hirsch, Frederic H., assignor.)
- Fredericks, John, Perfume Corporation. (See Hirsch, Frederic H., assignor.)
- Freedman, Harry I., Chelsea, assignor to New York Mattress Company, Boston, Mass. Combined couch and pillow. 96,379; July 30.
- Freedman, William, New York, N. Y. Blouse. Des. 94,820; Mar. 12.
- Freedman, William, New York, N. Y. Blouse. Des. 94,821; Mar. 12.
- Freedman, William, New York, N. Y. Blouse. Des. 94,822; Mar. 12.
- Freedman, William, New York, N. Y. Blouse. Des. 94,823; Mar. 12.
- Freedman, William, New York, N. Y. Blouse. Des. 94,956; Mar. 26.
- Freedman, William, New York, N. Y. Blouse. Des. 94,957; Mar. 26.
- Freedman, William, New York, N. Y. Blouse. Des. 94,958; Mar. 26.
- Freedman, William, New York, N. Y. Blouse. Des. 94,959; Mar. 26.
- Freedman, William, New York, N. Y. Blouse. 95,239; Apr. 16.
- Freedman, William, New York, N. Y. Blouse. 95,324; Apr. 23.
- Freeman, Richard E., assignor to Freeman Shoe Corporation, Beloit, Wis. Shoe or article of analogous nature. Des. 94,265; Jan. 8.
- Freeman Shoe Corporation. (See Freeman, Richard E., assignor.)
- French, R. T., Company, The. (See Smith, Frasier, assignor.)
- Frond, William O. H., Kansas City, Mo. Vehicle. 96,654; Aug. 27.
- Freyssinger, John B., New Britain, Conn. Buckle. Des. 94,543; Feb. 12.
- Freyssinger, John B., New Britain, Conn. Ornament for saddles and bridles. Des. 94,744; Mar. 5.
- Freyssinger, John B., New Britain, Conn. Buckle. 97,473; Nov. 12.
- Freyssinger, John B., New Britain, Conn. Buckle. 97,474; Nov. 12.
- Freyssinger, John B., New Britain, Conn. Buckle. 97,475; Nov. 12.
- Freyssinger, John B., New Britain, Conn. Buckle. 97,476; Nov. 12.
- Freyssinger, John B., New Britain, Conn. Buckle. 97,477; Nov. 12.
- Freyssinger, John B., New Britain, Conn. Buckle. 97,766; Dec. 10.
- Freyssinger, John B., New Britain, Conn. Buckle. 97,767; Dec. 10.
- Freyssinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Buckle. Des. 94,197; Jan. 1.
- Freyssinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Buckle. 97,047; Oct. 1.
- Freyssinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Buckle. 97,048; Oct. 1.
- Freyssinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Buckle. 97,049; Oct. 1.
- Freyssinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Buckle. 97,050; Oct. 1.
- Freyssinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Buckle. 97,051; Oct. 1.
- Frick, William H., Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Range. 97,576; Nov. 19.
- Frick, William H., Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Range or similar article. 97,577; Nov. 19.
- Frick, William H., Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Range or similar article. 97,578; Nov. 19.
- Fridlington, John R., Cliffside Park, N. J. Ribbon. 96,827; Sept. 10.
- Friedlander, Alexander J., assignor to M. Friedlander Knitting Company, Milwaukee, Wis. Knitted hand-covering. 95,498; May 7.
- Friedlander, M., Knitting Company. (See Friedlander, Alexander J., assignor.)
- Friedman, Oscar, New York, N. Y. Hat. 95,905; June 11.
- Friez, Lucien L., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Air-conditioning control device or similar article. 95,951; June 18.
- Frins, Maximilian C., Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Engine hood for motor vehicles. 95,127; Apr. 9.
- Fruit Industries Limited. (See Fuerst, Edwin W., assignor.)
- Fry, Benjamin W., St. Louis, Mo. Vending machine casing. 95,582; May 14.
- Fuerst, Brooks D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jug. Des. 94,413; Jan. 29.
- Fuerst, Brooks D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. Des. 94,824; Mar. 12.
- Fuerst, Brooks D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jar. 95,240; Apr. 16.
- Fuerst, Brooks D., Toledo, Ohio, assignor to United Distillers (of America) Ltd., Baltimore, Md. Bottle. 95,672; May 21.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jar. Des. 94,198; Jan. 1.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle or similar container. Des. 94,199; Jan. 1.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 94,384; Jan. 22.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 94,385; Jan. 22.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jar. Des. 94,672; Feb. 26.
- Fuerst, Edwin W., Toledo, Ohio, assignor to The Fleischmann Distilling Corporation, New York, N. Y. Bottle. Des. 94,745; Mar. 5.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. Des. 94,746; Mar. 5.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. Des. 94,747; Mar. 5.
- Fuerst, Edwin W., Toledo, assignor to Owens-Illinois Glass Company, Toledo, Ohio. Siphon head. 95,673; May 21.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jar. 95,674; May 21.
- Fuerst, Edwin W., assignor to The Closure Service Company, Toledo, Ohio. Bottle closure. 95,675; May 21.
- Fuerst, Edwin W., assignor to The Closure Service Company, Toledo, Ohio. Bottle cap. 95,904; June 11.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 96,105; July 2.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 96,106; July 2.
- Fuerst, Edwin W., Toledo, Ohio, assignor to Fruit Industries Limited, Los Angeles, Calif. Bottle. 96,235; July 16.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Cocktail shaker. 96,965; Sept. 24.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Cocktail shaker closure. 96,966; Sept. 24.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jar. 97,478; Nov. 12.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jar. 97,600; Nov. 26.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jar. 97,847; Dec. 17.
- Fuld, Horace A., New York, N. Y. Glass ice rod or similar article. 96,909; Sept. 17.
- Fullen, Lawrence, Chicago, Ill. Luggage retainer. 1,993,157; Mar. 5.
- Fuller, Clarence W., Yonkers, N. Y. Toothbrush. 95,405; Apr. 30.
- Fuller, James H., assignor to D'O'r Studios, Inc., Akron, Ohio. Candlestick. Des. 94,544; Feb. 12.
- Fuller, James H., assignor to O'O'r Studios, Inc., Akron, Ohio. Fruit basket. 97,127; Oct. 8.
- Fuller-Warren Company, The. (See Hilger, Hans B., assignor.)
- Funfrock, John G., assignor to Morgantown Glass Works, Morgantown, W. Va. Glass tumbler. 96,737; Sept. 3.
- Funk, James M., Ottawa, Ill., assignor to Marathon Electric Manufacturing Corporation, Wausau, Wis. Air propeller for electric fans. 97,601; Nov. 26.
- Funkey, John H., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 96,107; July 2.
- Fyles, Lyndon F., Rochester, Vt. Trav. 98,029; Dec. 31.
- Gaba, A Lester, assignor to Kerk Guild, Inc., Utica, N. Y. Doll baby. 97,931; Dec. 24.
- Gabel, John, Manufacturing Company, The. (See Wilson, John W., assignor.)
- Gaertner, Moritz, New York, N. Y. Combined oil can opener and dispenser. 97,346; Oct. 29.

- Gage, Charles S., Cold Spring on Hudson, assignor to Lenthic Incorporated, New York, N. Y. Combined display stand and container for toilet accessories. Des. 94,200; Jan. 1.
- Gage, Charles S., Tarrytown, N. Y., and W. D. Canaday, Stamford, Conn., assignors to Lenthic Incorporated, New York, N. Y. Bottle. 95,325; Apr. 23.
- Gage, Charles S., Tarrytown, N. Y., and W. D. Canaday, Stamford, Conn., assignors to Lenthic Incorporated, New York, N. Y. Shaving bowl or the like. 96,030; June 25.
- Gainor, Victor, assignor to Henri Bendel, Inc., New York, N. Y. Shoe insole or similar article. 97,327; Oct. 29.
- Galamb, Joseph, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Combined bumper bar and guard. 96,380; July 30.
- Galion Metallic Vault Company, The. (See Smith, Ralph E., assignor.)
- Gallagher, Louise B., New York, N. Y. Woven mesh cloth. 97,523; Nov. 19.
- Galliano, Marc A. M. J., Paris, France. Sheet glass. 97,318; Oct. 22.
- Gallun, A. F., & Sons Corporation. (See Gallun, Edwin A., assignor.)
- Gallun, Edwin A., assignor to A. F. Gallun & Sons Corporation, Milwaukee, Wis. Leather or similar article. 97,228; Oct. 15.
- Galter, Jack, Chicago, Ill. Pocket lighter. 95,740; May 28.
- Galter, Jack, and A. Waller, Chicago, Ill. Key container. Des. 94,880; Mar. 19.
- Galvani, Edgar, New York, N. Y. Shoe. 96,236; July 16.
- Galway, John A., New York, N. Y. Shoe. 95,583; May 14.
- Gambell, John C., Oakland, Calif. Drinking glass protector. 97,347; Oct. 29.
- Gamble Stores, Inc. (See Balthazar, A., and Allen, assignors.)
- Gantz, Moses F., Yonkers, N. Y. Shoe vamp. Des. 94,825; Mar. 12.
- Ganz, Paul H., New York, N. Y. Vanity case.
- Ganz, Paul H., New York, N. Y. Combined bottle and stopper. Des. 94,881; Mar. 19.
- Ganz, Paul H., New York, N. Y. Lip stick container. 95,813; June 4.
- Ganz, Paul H., assignor to D. Lisner & Co., New York, N. Y. Combined stand and cover for a bottle of perfume. Des. 94,473; Feb. 5.
- Ganz, Paul H., New York, N. Y., assignor to D. Lisner & Co., New York, N. Y. Perfume bottle. 95,326; Apr. 23.
- Garbell, Max, Chicago, Ill. Scale. 97,807; Dec. 10.
- Gardner-Vail Inc. (See Vail, Jesse D., assignor.)
- Garfein, Sol F., New York, N. Y. Shirt collar. Des. 94,826; Mar. 12.
- Garside, Frank A., New York, N. Y. Shoe. 96,108; July 2.
- Garside, Frank A., New York, N. Y. Shoe. 96,168; July 9.
- Garside, Frank A., New York, N. Y. Shoe. 96,169; July 9.
- Garside, Frank A., New York, N. Y. Shoe. 96,170; July 9.
- Garside, Frank A., New York, N. Y. Shoe. 96,171; July 9.
- Garside, Frank A., New York, N. Y. Shoe. 96,172; July 9.
- Garside, Frank A., New York, N. Y. Shoe. 96,173; July 9.
- Garside, Frank A., New York, N. Y. Shoe. 96,174; July 9.
- Garside, Frank A., New York, N. Y. Shoe. 96,237; July 16.
- Garside, Frank A., New York, N. Y. Shoe. 96,238; July 16.
- Garside, Frank A., New York, N. Y. Shoe. 96,239; July 16.
- Garside, John Rushforth, Jr., Mamaroneck, N. Y. Shoe. Des. 94,266; Jan. 8.
- Garton, Eusebius C., assignor to Garton Toy Company, Sheboygan, Wis. Velocipede base plate. 97,808; Dec. 10.
- Garton Toy Company. (See Garton, Eusebius C., assignor.)
- Garvey, James, New York, N. Y., assignor to Optic Liquid Measures Inc., Norfolk, Va. Liquid dispensing rack. 95,814; June 4.
- Garvey, James, New York, N. Y., assignor to Optic Liquid Measures Inc., Norfolk, Va. Liquid dispensing rack. 95,815; June 4.
- Garvey, Wallace E., assignor to Salem Glass Works, Salem, N. J. Container or similar article. Des. 94,827; Mar. 12.
- Garvis, Gus, Des Moines, Iowa. Barbecue machine casing. 95,741; May 28.
- Gast, George A., Chicago, Ill., assignor to Planetellus Manufacturing Corporation. Cabinet for vending machines. 96,828; Sept. 10.
- Gast, George A., assignor to R. T. Moloney, Chicago, Ill. Cabinet for target practice amusement games. 96,829; Sept. 10.
- Gastel, Maria H., Los Angeles, Calif. Candle. 95,676; May 21.
- Gates Rubber Company, The. (See Yelm, C. W., and Flint, assignors.)
- Gaul, Frank M., assignor to Faries Manufacturing Company, Decatur, Ill. Lamp. 96,381; July 30.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. Des. 94,115; Jan. 20.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. Des. 94,414; Jan. 29.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. Des. 94,605; Feb. 19.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. Des. 94,673; Feb. 26.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 95,128; Apr. 9.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 95,952; June 18.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 96,031; June 25.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 96,032; June 25.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 96,175; July 9.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 96,240; July 16.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 96,241; July 16.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 96,242; July 16.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 96,243; July 16.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 96,462; Aug. 6.
- Gaunt, Charles L., Dunkirk, Ind., assignor to Bunte Brothers, Chicago, Ill. Jar. 98,030; Dec. 31.
- Gayner Glass Works. (See Gayner, John M., assignor.)
- Geaver, Lillian F., Philadelphia, Pa. Shoe top protector. 97,524; Nov. 19.
- Geddes, Norman B., New York, N. Y. Ship. 96,244; July 16.
- Geddes, Norman B., New York, assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Table centerpiece. 95,482; May 7.
- Geddes, Norman B., New York, N. Y., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Dish. 95,573; May 14.
- Geddes, Norman B., New York, assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Box. 95,816; June 4.
- Geddes, Norman B., New York, assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Box with a movable lid. 97,630; Nov. 26.
- Geddes, Norman B., New York, and W. I. Hamby, Great Neck, assignors to Servel, Inc., New York, N. Y. Refrigerator cabinet. 95,817; June 4.
- Geddes, Norman B. and C. Landefeld, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Building. 95,906; June 11.
- Gehring, Solomon & Birnbaum, Inc. (See Adaire, William R., assignor.)
- Gehring, Solomon & Birnbaum, Inc. (See Mackintosh, Frederick, assignor.)
- Gehring, Solomon & Birnbaum, Inc. (See Priestley, William, assignor.)
- Gehring, Solomon & Birnbaum, Inc. (See Stenson, Henry, assignor.)
- Gehring, Solomon & Birnbaum, Inc. (See Woodhouse, William H., assignor.)
- Geier, P. A., Company, The. (See Martinet, Eugene F., assignor.)
- Geist, Irving, New York, N. Y. Blouse. 94,386; Jan. 22.
- Geist, Irving, New York, N. Y. Blouse. 95,327; Apr. 23.
- Geist, Irving, New York, N. Y. Blouse. 95,406; Apr. 30.
- Geist, Irving, New York, N. Y. Blouse. 95,677; May 21.
- Geist, Irving, New York, N. Y. Blouse. 96,245; July 16.
- Geist, Irving, New York, N. Y. Blouse. 96,910; Sept. 17.
- Geist, Irving, New York, N. Y. Blouse. 97,229; Oct. 15.
- Geist, Irving, New York, N. Y. Blouse. 97,386; Nov. 5.
- Geist, Irving, New York, N. Y. Blouse. 97,387; Nov. 5.
- Geist, Irving, New York, N. Y. Blouse. 97,388; Nov. 5.
- Geller, Harry, New York, N. Y. Shoe. 97,994; Dec. 31.
- Geller, Hugo, assignor to Patchogue-Plymouth Mills Corporation, New York, N. Y. Curtain. Des. 94,748; Mar. 5.
- Geller, Hugo, assignor to Patchogue-Plymouth Mills Corporation, New York, N. Y. Curtain. Des. 94,882; Mar. 19.
- Geller, Hugo, assignor to Patchogue-Plymouth Mills Corporation, New York, N. Y. Curtain. 96,539; Aug. 13.
- General Corporation of America. (See Grant, Samuel, assignor.)
- General Electric Company. (See Bakke, Hans A., assignor.)
- General Electric Company. (See Guild, Lurelle, assignor.)
- General Electric Company. (See Hays, David, assignor.)

- General Electric Company. (See Nereim, Roy O., assignor.)
- General Electric Company. (See Northup, Amos E., assignor.)
- General Electric Company. (See Patten, Raymond E., assignor.)
- General Electric Company. (See Pond, Shepard, assignor.)
- General Electric Company. (See Sloan, Edward C., assignor.)
- General Gas Light Company. (See Humphrey, Hubert R., assignor.)
- General Motors Corporation. (See Agramonte, Jules, assignor.)
- General Motors Corporation. (See Andrade, Julio, assignor.)
- General Motors Corporation. (See Delaval-Crow, Thomas C., assignor.)
- General Motors Corporation. (See Earl, Harley J., assignor.)
- General Motors Corporation. (See Grimshaw, Robert S., assignor.)
- General Motors Corporation. (See Humer, F., and Morgan, assignors.)
- General Motors Corporation. (See Mead, Howard C.)
- General Motors Corporation. (See Morgan, John R., assignor.)
- General Motors Corporation. (See Shaw, Harry A., assignor.)
- General Motors Corporation. (See Shaw, H., and Klein, assignors.)
- General Sports Mfg. Co. (See Jansky, Charles G., assignor.)
- General Tire & Rubber Company, The. (See Anderson, George W., assignor.)
- Genter, Harold C., Minneapolis, Minn., and J. S. Ness, Chicago, Ill., assignors to Waters-Genter Company, Minneapolis, Minn. Flatiron. Des. 94,201; Jan. 1.
- Gentner, Frederick, Philadelphia, Pa. Curtain fabric. 96,655; Aug. 27.
- Gentner, Frederick, Philadelphia, Pa. Curtain fabric. 96,656; Aug. 27.
- Gentner, Frederick, Philadelphia, Pa. Curtain fabric. 96,738; Sept. 3.
- Gentner, Frederick, Philadelphia, Pa. Curtain fabric. 96,739; Sept. 3.
- Gentner, Frederick, Philadelphia, Pa. Curtain fabric. 97,272; Oct. 22.
- Gentner, Frederick, Philadelphia, Pa. Curtain fabric. 97,273; Oct. 22.
- Gentner, Frederick, Philadelphia, Pa. Curtain fabric. 97,434; Nov. 5.
- Gentner, Frederick, Philadelphia, Pa. Curtain fabric. 97,435; Nov. 5.
- Gentner, Frederick, assignor to The North American Lace Company, Inc., Philadelphia, Pa. Curtain. 95,678; May 21.
- Gentz, Edward W., assignor to The Sparks-Withington Company, Jackson, Mich. Wire door rack or similar article. 97,274; Oct. 22.
- George, Dominick B., assignor to Pedigo-Lake Shoe Company, St. Louis, Mo. Leather or similar article. 97,932; Dec. 24.
- Gerth, Ruth L., New York, N. Y., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Combined mint and nut dish. 96,740; Sept. 3.
- Glacchetti, Mario, Chicago, Ill. Glass container or similar article. Des. 94,674; Feb. 26.
- Gibbs, Leon M., Birmingham, Ala. Game apparatus. 95,584; May 14.
- Gibson, Guy T., Incorporated. (See Gibson, Guy T., assignor.)
- Gibson, Guy T., New Rochelle, assignor to Guy T. Gibson, Incorporated, New York, N. Y. Bottle casing. Des. 94,545; Feb. 12.
- Gibson, Guy T., New Rochelle, assignor to Guy T. Gibson, Incorporated, New York, N. Y. Bottle. Des. 94,546; Feb. 12.
- Gibson, Jefferson C. (See Kailer, L. G., and Gibson.)
- Gibson Refrigerator Company. (See Janes, Richard B., assignor.)
- Giebel, Henry, assignor to Thomas Wilson & Co. Inc., New York, N. Y. Textile fabric or similar article. 97,995; Dec. 31.
- Gilbert, Dave, New York, N. Y. Sandal. 95,499; May 7.
- Gilbert, Jack, and Henry Parry, Erie, Pa. Brush. 96,599; Aug. 20.
- Gill Glass & Fixture Company. (See Regester, Ramsay G., assignor.)
- Gilleland, Edgar B., Los Angeles, Calif. Hair curler. 97,479; Nov. 12.
- Gillette Rubber Company. (See Hutchens, Ralph W., assignor.)
- Gillman-Baker. (See Shlesinger, William.)
- Gillman, Jacob. (See Shlesinger, William, assignor.)
- Gilmore, Jackson G., and H. B. Donley, assignors to Franklin Oil Heating Inc., Columbus, Ohio. Oil burning apparatus or similar article. 95,500; May 7.
- Ginsburg, Solomon N., assignor to The Shawmut Manufacturing Corporation of Connecticut, Boston, Mass. Cabinet. 95,328; Apr. 23.
- Giordano, Frances, New York, N. Y. Dress. 96,305; July 23.
- Glaser, Harry, New York, N. Y. Blouse. 96,741; Sept. 3.
- Glasser, David, Cleveland Heights, Ohio. Price ticket. 97,328; Oct. 29.
- Glatthar, George E., University Heights, and F. Wening, South Euclid, Ohio. Lighting fixture. 95,202; Apr. 16.
- Glatthar, George E., University Heights, and Frederick Wening, South Euclid, Ohio. Lighting fixture. 96,600; Aug. 20.
- Glatthar, George E., University Heights, and F. Wening, South Euclid, assignors to The Art Metal Company, Cleveland, Ohio. Lighting fixture. 97,996; Dec. 31.
- Glatthar, George E., University Heights, and F. Wening, South Euclid, assignors to The Art Metal Company, Cleveland, Ohio. Lighting fixture. 97,997; Dec. 31.
- Glatthar, George E., University Heights, and F. Wening, South Euclid, assignors to The Art Metal Company, Cleveland, Ohio. Lighting fixture. 98,031; Dec. 31.
- Gleason, George A., Reading, Pa. Kiltie tongue for a shoe. 97,809; Dec. 10.
- Gleason, George A., Reading, Pa. Kiltie tongue for a shoe. 97,810; Dec. 10.
- Gleason, George A., Reading, Pa. Shoe or similar article. 96,246; July 16.
- Glenshaw Glass Company, The. (See Meyer, Albert C., assignor.)
- Glenwood Range Company. (See Wiley, Clarence F., assignor.)
- Globe-Superior Corporation. (See Munger, Dudley H., assignor.)
- Globe-Union Mfg. Co. (See Morgan, J. R., and Coldwell, assignors.)
- Goat Radio Tube Parts, Inc. (See Staver, Edward F., assignor.)
- Goat Radio Tube Parts, Inc. (See Staver, E. F., and Hafecost, assignors.)
- Godwin, Howard W., St. Louis, Mo. Building. 95,407; Apr. 30.
- Goerlich, John E., Toledo, Ohio. Heater. 97,811; Dec. 10.
- Gold, Jacob. (See Palmer, Charles S., assignor.)
- Gold, William P., Clifton, Ky. Aquarium. 96,540; Aug. 13.
- Goldberg, Emanuel, Woodmere, N. Y. Display box. 97,186; Oct. 15.
- Goldberg, Harry H., Philadelphia, Pa. Glider. 95,409; Apr. 30.
- Goldberg, Harry H., Philadelphia, Pa. Glider frame. 95,410; Apr. 30.
- Goldberg, Harry H., Philadelphia, Pa. Chair frame. 95,411; Apr. 30.
- Goldberg, Harry H., Philadelphia, Pa. Chair frame. 95,412; Apr. 30.
- Goldberg, Herman, Haverhill, Mass. Shoe. Des. 94,267; Jan. 8.
- Goldberg, Herman, Haverhill, Mass. Shoe. 96,033; June 25.
- Goldberg, Herman, Haverhill, Mass. Shoe. 96,109; July 2.
- Goldberg, Herman, Haverhill, Mass. Shoe. 96,110; July 2.
- Goldberg, Herman, Haverhill, Mass. Shoe. 96,176; July 9.
- Goldberg, Herman, Haverhill, Mass. Shoe. 96,177; July 9.
- Goldberg, Herman, Haverhill, Mass. Shoe. 96,463; Aug. 6.
- Goldberg, Herman, Haverhill, Mass. Shoe. 96,464; Aug. 6.
- Goldberg, Herman, Haverhill, Mass. Shoe. 96,465; Aug. 6.
- Goldberg, Herman, Haverhill, Mass. Shoe. 96,466; Aug. 6.
- Goldberg, Herman, Haverhill, Mass. Shoe. 97,768; Dec. 10.
- Goldberg, Herman, Haverhill, Mass. Shoe. 97,769; Dec. 10.
- Goldberg, Julius A., Highland Park, Ill. Shoe. 95,329; Apr. 23.
- Goldberg, Julius A., Highland Park, Ill. Shoe. 95,330; Apr. 23.
- Goldberg, Julius A., Highland Park, Ill. Shoe. 95,331; Apr. 23.
- Goldberg, Julius A., Highland Park, Ill. Shoe. 95,332; Apr. 23.
- Goldberg, Julius A., Highland Park, Ill. Shoe. 95,333; Apr. 23.
- Goldberg, Julius A., Highland Park, Ill. Shoe. 95,334; Apr. 23.
- Goldberg, Julius A., Highland Park, Ill. Shoe. 95,335; Apr. 23.
- Goldberg, Julius A., Highland Park, Ill. Shoe. 95,336; Apr. 23.
- Goldberg, Julius A., Highland Park, Ill. Shoe. 95,414; Apr. 30.
- Goldberg, Julius A., Highland Park, Ill. Shoe. 95,415; Apr. 30.
- Goldberg, Julius A., Highland Park, Ill. Shoe. 95,416; Apr. 30.
- Goldberg, Julius A., Highland Park, Ill. Shoe. 95,818; June 4.
- Goldberg, Julius A., Highland Park, Ill. Shoe or similar article. 97,275; Oct. 22.
- Goldberg, Julius A., Highland Park, Ill. Shoe or similar article. 97,276; Oct. 22.
- Goldberg, Julius A., Highland Park, Ill. Shoe or similar article. 97,277; Oct. 22.
- Goldberg, Julius A., Highland Park, Ill. Shoe or similar article. 97,278; Oct. 22.

- Goldberg, Julius A., Highland Park, Ill. Shoe or similar article. 97,279; Oct. 22.
- Goldberg, Julius A., Highland Park, Ill. Shoe or similar article. 97,280; Oct. 22.
- Goldberg, Julius A., Highland Park, Ill. Shoe or similar article. 97,525; Nov. 19.
- Goldberg, Julius A., Highland Park, Ill., assignor to Samuels Shoe Company, St. Louis, Mo. Shoe or article of analogous nature. 95,413; Apr. 30.
- Goldberg, Leon, New York, N. Y. Slipper. 96,541; Aug. 13.
- Goldberg, Leon, New York, N. Y. Slipper. 96,542; Aug. 13.
- Goldberg, Leon, New York, N. Y. Child's slipper. 96,911; Sept. 17.
- Goldberg, Leon, New York, N. Y. Sandal. 97,677; Dec. 3.
- Goldberger, Leo J., New York, N. Y. Dress and panties ensemble. 98,032; Dec. 31.
- Goldberger, Leo J., New York, N. Y. Dress and panties ensemble. 98,033; Dec. 31.
- Goldberger, Leo J., New York, N. Y. Dress and panties ensemble. 98,034; Dec. 31.
- Goldberger, Oscar. (See Feldblet, H. L., and Goldberger.)
- Goldbert, Max L., assignor to Electric Trading Corporation, New York, N. Y. Electric range or similar article. 96,306; July 23.
- Golden, Abraham, Chicago, Ill. Picture frame. Des. 94,606; Feb. 19.
- Golden, Abraham, Chicago, Ill. Picture frame. Des. 94,749; Mar. 5.
- Golden, Abraham, Chicago, Ill. Picture frame. Des. 94,750; Mar. 5.
- Golden, Abraham, Chicago, Ill. Picture frame. Des. 94,828; Mar. 12.
- Golden, Abraham, Chicago, Ill. Picture frame. 96,742; Sept. 3.
- Golden, Abraham, Chicago, Ill. Picture frame. 96,743; Sept. 3.
- Golden, Harry, New York, N. Y. Cover for crank opening in an automobile radiator. 95,408; Apr. 30.
- Golden, Leon E., assignor to Cannon Shoe Company, Baltimore, Md. Shoe. Des. 94,474; Feb. 5.
- Golden, Louis J., Highland Park, Ill. Overshoe. 97,480; Nov. 12.
- Golding, Jacob M., Long Island, N. Y. Lace. 95,679; May 21.
- Golding, Jacob M., New York, N. Y. Lace. 97,550; Nov. 19.
- Golding, Jacob M., New York, N. Y. Lace. 97,641; Nov. 26.
- Golding, Jacob M., New York, N. Y. Lace. 97,735; Dec. 3.
- Goldman, Joseph, New York, N. Y. Dress. Des. 94,751; Mar. 5.
- Goldman, Mollye, Philadelphia, Pa. Doll. 96,382; July 30.
- Goldman, Morris, San Francisco, Calif. Woman's suit. 96,657; Aug. 27.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. Des. 94,883; Mar. 19.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. Des. 94,884; Mar. 19.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. Des. 94,885; Mar. 19.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. Des. 94,886; Mar. 19.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. Des. 94,887; Mar. 19.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. Des. 94,960; Mar. 26.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. Des. 94,961; Mar. 26.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. Des. 94,962; Mar. 26.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 95,417; Apr. 30.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 96,658; Aug. 27.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 96,659; Aug. 27.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 96,660; Aug. 27.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 96,661; Aug. 27.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 97,481; Nov. 12.
- Goldstein-Wilkins Corporation. (See Speck, Walter, assignor.)
- Goldstein, William, Bronx, N. Y. Shoe. Des. 94,888; Mar. 19.
- Golo Slipper Company. (See Buek, Tycho, Jr., assignor.)
- Golo Slipper Company. (See Heilbrunn, Adolf, assignor.)
- Gooch, Emma B., assignor to V. L. Philley, Valparaiso, Ind. Apron. 95,129; Apr. 9.
- Goodhand, Oscar G., New York, N. Y. Lady's glove. 95,742; May 28.
- Goodhart, Louis, St. Louis, Mo. Metallic grave monument. Des. 94,675; Feb. 26.
- Goodhart, Louis, St. Louis, Mo. Metallic grave monument. Des. 94,676; Feb. 26.
- Goodhart, Louis, St. Louis, Mo. Metallic grave monument. Des. 94,677; Feb. 26.
- Goodkind, Leo, Woodmere, N. Y. Sandal. 95,680; May 21.
- Goodkind, Leo, Woodmere, N. Y. Shoe. 95,953; June 18.
- Goodman, Abraham, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. 95,130; Apr. 9.
- Goodman, Abraham, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. 95,241; Apr. 16.
- Goodman, Abraham, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. 96,662; Aug. 27.
- Goodman, Abraham, New York, N. Y. Dress. 97,052; Oct. 1.
- Goodrich, B. F., Company, The. (See Wright, Helen E., assignor.)
- Goodstein, Joseph, New York, N. Y. Comfortable. 95,174; Apr. 16.
- Goodwin, John E., Penrhyn Bay, Llandudno, North Wales, assignor to Josiah Wedgwood & Sons, Inc. of America, New York, N. Y. Plate or similar article. 96,178; July 9.
- Goodwin, John E., Penrhyn Bay, Llandudno, North Wales, assignor to Josiah Wedgwood & Sons, Inc. of America, New York, N. Y. Plate or similar article. 96,179; July 9.
- Goodwin, John E., Penrhyn Bay, Llandudno, North Wales, assignor to Josiah Wedgwood & Sons, Inc. of America, New York, N. Y. Plate or similar article. 96,180; July 9.
- Goodwin, John E., Penrhyn Bay, Llandudno, North Wales, assignor to Josiah Wedgwood & Sons, Inc. of America, New York, N. Y. Plate or similar article. 96,247; July 16.
- Goodyear, William H., Carlisle, Pa. Shoe. Des. 94,475; Feb. 5.
- Gordon, Albert E., Boston, Mass. Shoe or article of analogous nature. 95,954; June 18.
- Gordon, Clara H. (See Strauss, Paula, assignor.)
- Gorham Manufacturing Company. (See Feinauer, George A., assignor.)
- Gorham Manufacturing Company. (See Woodward, F. Russell, assignor.)
- Gorton, Clyde B., assignor to C. B. McClellan, Chicago, Ill. Coin chute. Des. 94,752; Mar. 5.
- Goshen Manufacturing Company, The. (See Weaver, Earl L., assignor.)
- Goslin, Herbert G., assignor to Sherriff-Goslin Roofing Company, Battle Creek, Mich. Shingle Roof. 95,242; Apr. 16.
- Gottlieb, Joseph, Jersey City, N. J. Clock case or similar article. Des. 94,829; Mar. 12.
- Gough, James J., Chicago, Ill. Combined bridge and mechanism casing for ice-cream freezers. 97,348; Oct. 29.
- Gourlay, James, Glencoe, Ill. Golf club head. 95,819; June 4.
- Grade, Joseph Y. (See Kirsch, B., and Grade.)
- Graf, Elmer J., Roselle Park, N. J. Light emitting decorative device. Des. 94,889; Mar. 19.
- Graf, Elmer J., Roselle Park, N. J. Decorative holder for light-emitting members. Des. 94,890; Mar. 19.
- Graf, Olive R., Los Angeles, Calif. Mirror place card. Des. 94,891; Mar. 19.
- Granat, Joseph, San Francisco, Calif. Wedding ring. Des. 94,476; Feb. 5.
- Grand Rapids Metalcraft Corporation. (See Visser, John, assignor.)
- Granovsky, Albert A., New York, N. Y. Bed. Des. 94,830; Mar. 12.
- Granovsky, Albert A., New York, N. Y. Bed. Des. 94,831; Mar. 12.
- Grant, Samuel, assignor to General Corporation of America, Chicago, Ill. Hair drying apparatus. 96,744; Sept. 3.
- Graves, Edward B., Fort Mitchell, Ky. X-Ray hand control. 95,418; Apr. 30.
- Graves, Edward B., Fort Mitchell, assignor to The Kelley-Koett Manufacturing Company, Incorporated, Covington, Ky. Shockproof head for an X-ray apparatus. 97,848; Dec. 17.
- Gredell, Otto N., Kansas City, Mo. Truck tank. 96,181; July 9.
- Green, Frank O., Cleveland, Ohio, assignor to Standard Brands Incorporated, New York, N. Y. Jar. Des. 94,416; Jan. 29.
- Green, James G., Colorado Springs, Colo. Wine glass. 95,501; May 7.
- Greenawalt, David F., Huntingdon Valley, Pa. Textile fabric. 95,907; June 11.
- Greenawalt, David F., Huntingdon Valley, Pa. Textile fabric. 95,908; June 11.
- Greenberg, Joseph, New York, N. Y. Dress. 97,007; Sept. 24.
- Greenberg, Mayer, Chicago, Ill. Military cap. 96,034; June 25.
- Greenberg, Morris, Brooklyn, N. Y. Lace covering. 96,830; Sept. 10.
- Greenblatt, Reuben, Brooklyn, N. Y. Shoe vamp. Des. 94,963; Mar. 26.
- Greenizer, William C., Columbus, Ohio, and R. L. Davison, New York, N. Y. Baby bath lavatory. 97,281; Oct. 22.
- Greenspan, Abraham, New York, N. Y. Dress. 96,967; Sept. 24.
- Greenspan, Abraham, New York, N. Y. Dress. 96,968; Sept. 24.
- Greenspan, Abraham, New York, N. Y. Dress. 96,969; Sept. 24.
- Greenspan, Abraham, New York, N. Y. Dress. 97,849; Dec. 17.
- Gregg, Roscoe C., Fredericktown, Ohio. Lighting fixture bracket or similar article. 96,467; Aug. 6.

- Gregg, Roscoe C., Fredericktown, Ohio. Lighting fixture bracket or similar article. 96,912; Sept. 17.
- Greig, Jeanne F., assignor to The Charnaux Patent Corset Company Limited, London, England. Corsetette. 95,502; May 7.
- Grey, Louis P., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 95,419; Apr. 30.
- Griffin, Horace, Brooklyn, N. Y. Foot measuring scale. 96,111; July 2.
- Grimshaw, Robert S., assignor to General Motors Corporation, Detroit, Mich. Automobile or similar article. 95,337; Apr. 23.
- Grissinger, James L., assignor to The Marion Steel Body Company, Marion, Ohio. Burial case. 97,998; Dec. 31.
- Grom, Henry W., assignor to Artercraft Optical Co., Rochester, N. Y. Bridge for eyeglasses. 96,035; June 25.
- Grom, Henry W., assignor to Artercraft Optical Co. Inc., Rochester, N. Y. Bridge for eyeglasses. 97,128; Oct. 8.
- Grom, Henry W., and C. J. Eagle, assignors to Artercraft Optical Co., Rochester, N. Y. Lens strap for rimless spectacles. Des. 94,417; Jan. 29.
- Grom, Vernon R., Buffalo, N. Y. Aeroplane. 97,008; Sept. 24.
- Gross, Benjamin & Edward J., Co. Inc. (See Gross, Edward J., assignor.)
- Gross, Carl G. (See Thomsen, W. A. V. and Gross.)
- Gross, Edward J., assignor to Benjamin & Edward J. Gross Co. Inc., New York, N. Y. Finger Ring or Article of Similar Nature. 95,175; Apr. 16.
- Gross, Edward J., assignor to Benjamin & Edward J. Gross Co. Inc., New York, N. Y. Finger Ring or Article of Similar Nature. 95,176; Apr. 16.
- Gross, Mattie, New York, N. Y. Dress. 96,383; July 30.
- Grossman, Irving, New York, N. Y. Shoe. Des. 94,418; Jan. 29.
- Grossman, Irving, New York, N. Y. Shoe. Des. 94,419; Jan. 29.
- Grossman, Nicholas J., Lynn, Mass. Shoe. Des. 94,678; Feb. 26.
- Grossman, Nicholas J., Lynn, Mass. Shoe. Des. 94,679; Feb. 26.
- Grossman, Nicholas J., Lynn, Mass. Shoe. Des. 94,680; Feb. 26.
- Grossman, Nicholas J., Lynn, Mass. Shoe. Des. 94,681; Feb. 26.
- Grossman, Nicholas J., Lynn, Mass. Shoe. Des. 94,682; Feb. 26.
- Grossman, Nicholas J., Lynn, Mass. Shoe. Des. 94,683; Feb. 26.
- Grossman, Nicholas J., Lynn, Mass. Shoe. Des. 94,684; Feb. 26.
- Grossman, Nicholas J., Lynn, Mass. Shoe. Des. 94,685; Feb. 26.
- Grossman, Nicholas J., Lynn, Mass., assignor to Lown Shoe Company, Auburn, Maine. Shoe. Des. 94,753; Mar. 5.
- Grossman, Nicholas J., Lynn, Mass., assignor to Lown Shoe Company, Auburn, Maine. Shoe. Des. 94,754; Mar. 5.
- Grossman, Nicholas J., Lynn, Mass., assignor to Lown Shoe Company, Auburn, Maine. Shoe. Des. 94,755; Mar. 5.
- Grossman, Nicholas J., Lynn, Mass., assignor to Lown Shoe Company, Auburn, Maine. Shoe. Des. 94,756; Mar. 5.
- Grossman, Nicholas J., Lynn, assignor to Lown Shoe Company, Auburn, Mass. Shoe. Des. 94,832; Mar. 12.
- Grossman, Samuel. (See Klebanoff, David, assignor.)
- Grossmann, Irving E., New York, N. Y. Shoe. Des. 94,477; Feb. 5.
- Grossmann, Irving E., New York, N. Y. Shoe. Des. 94,478; Feb. 5.
- Grummer, Gaston, Clichy, and G. Busson, Neuilly, France. Automobile. 95,247; Apr. 16.
- Grünstein, Martin, assignor to the firm Müller & Grünstein, Elgersburger Feuerzuegfabrik, Elgersburg, Germany. Pocket lighter. 95,820; June 4.
- Grunwald, Albert C., River Forest, Ill., assignor to Precision Metal Workers, Chicago, Ill. Ash receptacle. 96,663; Aug. 27.
- Grunwald, Albert C., River Forest, assignor to Precision Metal Workers, Chicago, Ill. Necktie rack. 96,745; Sept. 3.
- Gubitz, Werner H. A., assignor to Packard Motor Car Company, Detroit, Mich. Vehicle panel ornament. 97,230; Oct. 15.
- Gubitz, Werner H. A., assignor to Packard Motor Car Company, Detroit, Mich. Vehicle ornament or similar article. 97,526; Nov. 19.
- Guerin, Charles P., assignor to David P. Barry Corp., New York, N. Y. Cuff link. 97,551; Nov. 19.
- Guerlain Perfumery Corporation of Delaware. (See Guerlain, Raymond, assignor.)
- Guerlain, Raymond, Paris, France, assignor to Guerlain Perfumery Corporation of Delaware, Wilmington, Del. Toilet powder holder. 96,112; July 2.
- Guetschoff, Herman C., Detroit, Mich. Game board. 96,384; July 30.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Cream pitcher. Des. 94,202; Jan. 1.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Blotter holder. Des. 94,203; Jan. 1.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Correspondence rack. Des. 94,204; Jan. 1.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Punch bowl. Des. 94,205; Jan. 1.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Fruit bowl. Des. 94,206; Jan. 1.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Bowl. Des. 94,207; Jan. 1.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Bowl. Des. 94,208; Jan. 1.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Tray. Des. 94,209; Jan. 1.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Covered jar. Des. 94,210; Jan. 1.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Covered jar. Des. 94,211; Jan. 1.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Covered jar. Des. 94,212; Jan. 1.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Covered bowl. Des. 94,213; Jan. 1.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Covered tray. Des. 94,214; Jan. 1.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Pitcher. Des. 94,268; Jan. 8.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Cigarette box. Des. 94,299; Jan. 8.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Cigarette box. Des. 94,300; Jan. 8.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Cigarette box. Des. 94,301; Jan. 8.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Ash tray. Des. 94,302; Jan. 8.
- Guild, Lurelle, Noroton, Conn., assignor to General Electric Company, Washing machine. Des. 94,892; Mar. 19.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Plate. Des. 94,964; Mar. 26.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Match box case. 95,131; Apr. 9.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Serving dish. 95,132; Apr. 9.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Plate cover. 95,133; Apr. 9.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Bowl. 95,203; Apr. 16.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Bowl. 95,243; Apr. 16.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Dish. 95,244; Apr. 16.
- Guild, Lurelle, Noroton, assignor to The Chase Companies, Incorporated, Waterbury, Conn. Newspaper Rack. 95,245; Apr. 16.
- Guild, Lurelle, Noroton, assignor to The Chase Companies, Incorporated, Waterbury, Conn. Tray or Similar Article. 95,246; Apr. 16.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Covered bowl. 95,338; Apr. 23.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Vase. 95,503; May 7.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Vase. 95,504; May 7.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Vase. 95,505; May 7.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Covered jar. 97,389; Nov. 5.
- Guild, Lurelle, Noroton, Conn., assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Tea kettle. 97,482; Nov. 12.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Ash tray. 97,812; Dec. 10.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Candle stick. 97,813; Dec. 10.
- Guild, Lurelle, Noroton, and M. E. Surface, assignors to The Chase Companies, Incorporated, Waterbury, Conn. Ceiling-type lighting fixture. Des. 94,686; Feb. 26.

- Guild, Lurette V., New York, N. Y., assignor to Maryland Distillery Inc., Relay, Md. Bottle. 97,390; Nov. 5.
- Gump, S. & G. Co. (See Bowen, Alice S., assignor.)
- Gustin, Max, New York, N. Y. Shoe. Des. 95,036; Apr. 2.
- Gustin, Max, New York, N. Y. Shoe. 96,831; Sept. 10.
- Gustin, Max, New York, N. Y. Shoe. 97,282; Oct. 22.
- Gustin, Max, New York, N. Y. Shoe. 97,933; Dec. 24.
- Guth, Edwin F., Webster Groves, Mo. Lighting fixture. Des. 94,893; Mar. 19.
- Guth, Edwin F., Webster Groves, Mo. Lighting fixture. 97,934; Dec. 24.
- Guth, Stern & Co. (See Osterman, Samuel, assignor.)
- Gutlon, Sidney S., Newton, assignor to Modern Curtain Co. Inc., Boston, Mass. Textile fabric. 97,642; Nov. 26.
- Guttman, John, Brooklyn, N. Y., assignor to Arrow Manufacturing Company, Inc., Hoboken, N. J. Display container for jewelry or other articles. 96,468; Aug. 6.
- Guttman, John B., Brooklyn, N. Y., assignor to Arrow Manufacturing Company, Inc., Hoboken, N. J. Decorative box. 96,601; Aug. 20.
- Guttman, Joseph, New York, N. Y. Knitted dress. Des. 94,479; Feb. 5.
- Guttman, Joseph, New York, N. Y. Knitted dress. Des. 94,480; Feb. 5.
- Guttman, Joseph, New York, N. Y. Knitted dress. Des. 94,481; Feb. 5.
- Guttman, Joseph, New York, N. Y. Knitted dress. Des. 94,607; Feb. 19.
- Guttman, Joseph, New York, N. Y. Knitted dress. Des. 94,757; Mar. 5.
- Guttman, Joseph, New York, N. Y. Knitted dress. 96,913; Sept. 17.
- Guttman, Joseph, New York, N. Y. Knitted dress. 96,970; Sept. 24.
- Guttman, Joseph, New York, N. Y. Knitted dress. 96,971; Sept. 24.
- Guttman, Joseph, New York, N. Y. Knitted dress. 96,972; Sept. 24.
- Guttman, Joseph, New York, N. Y. Knitted dress. 96,973; Sept. 24.
- Guyer, William, New York, N. Y., assignor to Joseph E. Seagram & Sons, Inc., Lawrenceburg, Ind. Bottle. Des. 94,965; Mar. 26.
- Guyer, William, New York, N. Y., assignor to Joseph E. Seagram & Sons, Inc., Lawrenceburg, Ind. Bottle. 95,506; May 7.
- Guyer, William, New York, N. Y., assignor to Joseph E. Seagram & Sons, Inc., Lawrenceburg, Ind. Bottle. 95,821; June 4.
- Guyer, William, New York, N. Y., assignor to Joseph E. Seagram & Sons, Inc., Lawrenceburg, Ind. Bottle. 96,543; Aug. 13.
- Haas, Alvin, Peru, Ill. Standard for a utility bench. 96,544; Aug. 13.
- Haas, Alvin, Peru, Ill. Utility bench. 96,545; Aug. 13.
- Haddorff, Carl L., Rockford, Ill. Piano case. 96,974; Sept. 24.
- Haddorff, Carl L., Rockford, Ill. Piano case. 96,975; Sept. 24.
- Haddorff, Carl L., Rockford, Ill. Piano case. 96,976; Sept. 24.
- Haddorff, Carl L., Rockford, Ill. Piano case. 96,977; Sept. 24.
- Haddorff, Carl L., Rockford, Ill. Piano case. 96,978; Sept. 24.
- Haddorff, Carl L., Rockford, Ill. Piano case. 96,979; Sept. 24.
- Haddorff, Carl L., Rockford, Ill. Piano case. 96,980; Sept. 24.
- Hadley, Donald L., Mansfield, Ohio. Range base. 96,747; Sept. 3.
- Hadley, Donald L., assignor to The Tappan Stove Company, Mansfield, Ohio. Gas range. 96,746; Sept. 3.
- Hadley, Donald L., assignor to The Tappan Stove Company, Mansfield, Ohio. Gas range. 97,129; Oct. 8.
- Hadley, Harold F., Toledo, Ohio. Heater. 95,743; May 28.
- Hadley, Harold F., Toledo, Ohio. Heater. 97,814; Dec. 10.
- Hadley, Walter W., Richmond, Calif. Toothbrush. Des. 94,303; Jan. 8.
- Haertel, Bruno, Providence, R. I., assignor to A. D. Juilliard & Company, Inc., New York, N. Y. Textile fabric. 97,815; Dec. 10.
- Hafecost, Frederick. (See Staver, E. F., and Hafecost.)
- Hafin, Harry J., New Haven, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Bathing Shoe. 95,204; Apr. 16.
- Hafner, August, Flushing, N. Y. Textile fabric. 96,981; Sept. 24.
- Hafner, August, Flushing, N. Y. Textile fabric. 97,053; Oct. 1.
- Hafner, August, Flushing, N. Y. Textile fabric. 97,054; Oct. 1.
- Hafner, August, Flushing, N. Y. Textile fabric. 97,055; Oct. 1.
- Hafner, August, Flushing, N. Y. Textile fabric. 97,056; Oct. 1.
- Hafner, August, Flushing, N. Y. Textile fabric. 97,057; Oct. 1.
- Hafner, August, Flushing, N. Y. Textile fabric. 97,058; Oct. 1.
- Hafner, August, Flushing, N. Y. Textile fabric. 97,283; Oct. 22.
- Hafner, August, Flushing, N. Y. Textile fabric. 97,284; Oct. 22.
- Hageman, Chester W., Middletown, assignor to The Lyman Gun Sight Corporation, Middlefield, Conn. Telescope sight. 96,664; Aug. 27.
- Hagen, Walter. (See Lister, A. A., and Hagen.)
- Haggstrom, Arthur C., Rockford, Ill. Radiocabinet. 96,036; June 25.
- Haggstrom, Arthur C., Rockford, Ill., assignor to Jefferson Electric Company, Bellwood, Ill. Transformer cabinet. 97,588; Nov. 19.
- Hagopian, Vahan, New York, N. Y. Automobile. Des. 94,304; Jan. 8.
- Hahn, Harry W., assignor to Paul Hawkins Company, Los Angeles, Calif. Frozen confection. 95,570; May 7.
- Hahn, Herman, Olmsted Falls, Ohio. Combined mail box and support therefor. 95,339; Apr. 23.
- Haley, James R., New York, assignor to Welbilt Stove Company, Inc., Maspeth, N. Y. Range or similar article. 97,059; Oct. 1.
- Haley, James R., New York, assignor to Welbilt Stove Company, Inc., Maspeth, N. Y. Range or similar article. 97,060; Oct. 1.
- Haley, Max G., assignor to White Mountain Manufacturing Company, Plymouth, N. H. Blouse. 96,665; Aug. 27.
- Hall, Zachariah A., Guelph, Ontario, Canada. Sled. 96,546; Aug. 13.
- Hall, Zachariah A., Guelph, Ontario, Canada. Sled. 96,602; Aug. 20.
- Hallett, Alfred, Los Angeles, Calif. Air compressor unit. 95,822; June 4.
- Hallowell, Howard T., and F. Bennett, assignors to Standard Pressed Steel Co., Jenkintown, Pa. Stand for sewing machines. 97,285; Oct. 22.
- Halperin, Meyer, New York, N. Y. Fruit juice squeezer. 97,483; Nov. 12.
- Halpern, Mendel S., San Francisco, Calif. Portable pump. Des. 94,687; Feb. 26.
- Halporn, Nathan B., Dallas, Tex. Combined ash tray and match box holder. Des. 94,758; Mar. 5.
- Halvorsen, Olaf, Chicago, Ill. Covering for a billfold or similar article. 97,061; Oct. 1.
- Hamby, William I. (See Geddes, N. B., and Hamby.)
- Hamerstadt, William D., Indianapolis, Ind. Mounting for a pulley-carrying motor. 97,552; Nov. 19.
- Hamilton Beach Manufacturing Company. (See Tuerk, Fred S., assignor.)
- Hamilton, J. T. & A., Company. (See Kihn, Lawrence J., assignor.)
- Hamilton J. T. & A. Company. (See Twiggs, Russell G., assignor.)
- Hamilton Metal Products Company, The. (See Piker, Louis M., assignor.)
- Hamilton, Roy E., Kansas City, Kans. Toggery rack. 97,999; Dec. 31.
- Hamilton-Fletcher, Mervyn. (See Weaver, W. A., and Hamilton-Fletcher.)
- Hamm, James I., Fairfield, assignor to The Bridgeport Coach Lace Company, Incorporated, Bridgeport, Conn. Clamp for attaching fixtures to robe rails. 96,385; July 30.
- Hammer, Hyman, assignor to Price Brothers, Chicago, Ill. Display sign. 96,182; July 9.
- Hammer, Raymond H., Youngstown, Ohio. Plate or similar article. Des. 94,305; Jan. 8.
- Hammer, Raymond H., Youngstown, Ohio. Plate or similar article. Des. 94,345; Jan. 15.
- Hammer, Raymond H., Youngstown, Ohio. Plate or similar article. Des. 94,346; Jan. 15.
- Hammer, Raymond H., Youngstown, Ohio. Plate or similar article. Des. 94,347; Jan. 15.
- Hampe, George S., San Francisco, Calif. Rotary toothbrush. Des. 94,547; Feb. 12.
- Hampton, Lawrence M., Northfield, N. J. Booth or similar article. 97,349; Oct. 29.
- Handy, George A., Akron, assignor to Wingfoot Corporation, Akron, Ohio. Tire. 96,603; Aug. 20.
- Haney, Donald W., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Domestic ironing machine. Des. 95,037; Apr. 2.
- Hankar, Raoul E., Scarsdale, N. Y., assignor to L. T. Piver, Inc., Wilmington, Del. Face powder container. 96,604; Aug. 20.
- Hankar, Raoul E., Scarsdale, N. Y., assignor to L. T. Piver, Inc., Wilmington, Del. Combined bottle and cap. 97,391; Nov. 5.
- Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company, New York, N. Y. Clip for a fountain pen or similar article. 95,681; May 21.
- Hanly, Arthur S., Seattle, Wash. Dart game target. 95,340; Apr. 23.
- Hansen, Hans P., assignor to Marsellus Casket Company, Syracuse, N. Y. Burial casket. 97,187; Oct. 15.
- Hansen, Lucille E., Chicago, Ill. Statuette or similar article. 96,386; July 30.
- Hanson, Eugene I., New York, N. Y. Textile fabric. 97,369; Oct. 29.
- Hanson, Eugene I., New York, N. Y. Textile fabric. 97,527; Nov. 19.
- Hanson, O'Cal, assignor to Burry Biscuit Corporation, Chicago, Ill. Cooky. 95,341; Apr. 23.
- Hanson, O'Cal, assignor to Burry Biscuit Corporation, Chicago, Ill. Cooky. 95,342; Apr. 23.

- Hanson, O'Cal, assignor to Burry Biscuit Corporation, Chicago, Ill. Cooky. 95,343; Apr. 23.
- Hanson, O'Cal, assignor to Burry Biscuit Corporation, Chicago, Ill. Cooky. 95,344; Apr. 23.
- Hardmeyer, Eugene J., Teaneck, assignor to The Schwarzenbach Huber Co., Trenton, N. J. Textile fabric. 97,370; Oct. 29.
- Hardmeyer, Eugene J., Teaneck, assignor to The Schwarzenbach Huber Co., Trenton, N. J. Textile fabric. 97,371; Oct. 29.
- Hardwick, Christopher L., Cleveland, Tenn. Stove. Des. 94,894; Mar. 19.
- Hardwick, Christopher L., Cleveland, Tenn. Stove. 95,345; Apr. 23.
- Hardwick, Christopher L., Cleveland, Tenn. Stove. 95,422; Apr. 30.
- Hardy, Charles, New York, N. Y. Ash stand. 96,982; Sept. 24.
- Hardy, Charles, New York, N. Y. Ash stand. 96,983; Sept. 24.
- Hardy, William A., & Son Co. (See Anderson, Alfred C., assignor.)
- Hargraves, Albert, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire. 95,248; Apr. 16.
- Hargraves, Albert, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire. 95,249; Apr. 16.
- Harman, Emil, assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Combined controlling and indicating device for radioreceivers. 95,585; May 14.
- Harris, Herbert H., New York, N. Y. Bottle or similar article. 95,682; May 21.
- Harris, Herbert H., New York, N. Y. Cigarette case or similar article. 96,984; Sept. 24.
- Harris, J., and Company. (See Hutcheson, Ray R., assignor.)
- Harris, Mechell, Kansas City, Mo. Combination clock and radio control unit. Des. 94,895; Mar. 19.
- Harrison, Benjamin H., et al. (See Plochman, Carl M., assignor.)
- Harrison, Laurence S., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. World Clock. 95,205; Apr. 16.
- Harrison, Thomas R. (See Side, F. W., and Harrison.)
- Harriss, John A., New York, N. Y. Street and highway marker or like article. 97,188; Oct. 15.
- Harsbberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Shingle Roof or Like Article. 95,250; Apr. 16.
- Harsbberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Roofing. 96,547; Aug. 13.
- Harsbberger, Russell P., Pasadena, Calif. Ash tray. 96,037; June 25.
- Hart Glass Manufacturing Company. (See McDonald, Harry R., assignor.)
- Hart, Henry J. (See Dowd, B. J., and Hart.)
- Hartmann, Adolph. (See Kranz, P., and Hartmann.)
- Harty, William P., assignor to The O'Sullivan Rubber Co., Inc., Winchester, Va. Shoe heel or similar article. Des. 94,215; Jan. 1.
- Harty, William P., assignor to The O'Sullivan Rubber Co., Inc., Winchester, Va. Shoe heel or similar article. Des. 94,216; Jan. 1.
- Harty, William P., assignor to The O'Sullivan Rubber Co., Inc., Winchester, Va. Shoe heel or similar article. Des. 94,217; Jan. 1.
- Harvey, Harold C., assignor to Harvey Paper Products Company, Sturgis, Mich. Liner for sink strainers. 95,586; May 14.
- Harvey Paper Products Company. (See Harvey, Harold C., assignor.)
- Harper, Richard F., assignor to Paramount Sales, Inc., Benton Harbor, Mich. Window display block fixture. 97,770; Dec. 10.
- Harriss, John E., New York, N. Y. Shoe. 97,678; Dec. 2.
- Harriss, John E., New York, N. Y. Shoe. 97,710; Dec. 3.
- Harriss, John E., Lynnfield, Mass. Heel. 97,751; Dec. 3.
- Harttmann, Lina, assignor to M. M. Wolf, doing business as Wolf Silk Company, New York, N. Y. Textile fabric or similar article. 97,771; Dec. 10.
- Hasbrouck, David M., Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Torch body. 95,420; Apr. 30.
- Haskins Brothers & Company. (See Newton, William, Jr., assignor.)
- Haslam, Samuel, Attleboro, Mass. Condiment set or the like. 96,605; Aug. 20.
- Hasse, Otto, Sunnyside, Long Island, N. Y. Shoe. 96,248; July 16.
- Hat Corporation of America. (See Cavanagh, John, assignor.)
- Harthway, Chester W., and E. Krumsiek, assignors to Mueller Co., Decatur, Ill. Shower head. 95,823; June 4.
- Hauser, George D., Utica, N. Y., assignor to Crane Co., Chicago, Ill. Boiler or furnace jacket. 97,130; Oct. 8.
- Hawk, Clayton M., Grand Rapids, Mich. Bureau or similar article. Des. 94,482; Feb. 5.
- Hawkey, Frank, assignor to The Chardon Rubber Company, Chardon, Ohio. Fly swatter blade. 95,346; Apr. 23.
- Hawkins, Rachel, Winnipeg, Manitoba, Canada. Statuette or similar article. 97,602; Nov. 26.
- Hay, William B., Portland, Maine. Hat holder. 95,347; Apr. 23.
- Hayden, Firmen J., Slippery Rock, Pa. Vehicle body. Des. 94,896; Mar. 19.
- Hayman, Milton E., West Hartford, Conn. Bathing suit. Des. 94,420; Jan. 29.
- Hays, David, Fairfield, Conn., assignor to General Electric Company, New York, N. Y. Vacuum Cleaner Casing. 95,206; Apr. 16.
- Hays, Herbert K., Brooklyn, N. Y. Display stand or similar article. 95,421; Apr. 30.
- Hays Manufacturing Co. (See Hitchcock, Otto G., assignor.)
- Haywood, William R., New York, N. Y. Textile fabric. 95,824; June 4.
- Haywood, William R., New York, N. Y. Textile fabric. 96,249; July 16.
- Haywood, William R., New York, N. Y. Textile fabric. 96,576; Aug. 13.
- Hazel-Atlas Glass Company. (See Algeo, John S., assignor.)
- Hazel-Atlas Glass Company. (See Grey, Louis P., assignor.)
- Hazel-Atlas Glass Company. (See Key, Abraham L., assignor.)
- Hazel-Atlas Glass Company. (See Miedel, Russel J., assignor.)
- Hazel-Atlas Glass Company. (See Smith, Frasier, assignor.)
- Hazel-Atlas Glass Company. (See Spence, James E., assignor.)
- Hazel-Atlas Glass Company. (See Sutton, Lewis M., Jr., assignor.)
- Heath, David L., Davenport, Iowa. Coffee urn. 96,606; Aug. 20.
- Heath, George J., Brooklyn, N. Y. Medal. Des. 94,421; Jan. 29.
- Heaton, William H., Oakland, Calif. Holder for fishhooks. 96,469; Aug. 6.
- Hedgpath, Theron L., Oak Park, assignor to Duro Metal Products Company, Chicago, Ill. Sanding machine. 95,825; June 4.
- Hedgpath, Theron L., Oak Park, assignor to Duro Metal Products Company, Chicago, Ill. Table jointer. 97,643; Nov. 26.
- Hedin, Harriet, Chicago, assignor to Reliance Manufacturing Company, Chicago, Ill. Sport jacket. 97,062; Oct. 1.
- Hedstrom, Knute W., assignor to Hedstrom-Union Company, Gardner, Mass. Velocipede. 95,423; Apr. 30.
- Hedstrom, Knute W., assignor to Hedstrom-Union Company, Gardner, Mass. Velocipede. 95,424; Apr. 30.
- Hedstrom, Knute W., assignor to Hedstrom-Union Company, Gardner, Mass. Velocipede. 95,826; June 4.
- Hedstrom-Union Company. (See Hedstrom, Knute W., assignor.)
- Heggy, Benedict E., and H. G. Smith, Canton, and R. J. Schott, Louisville, Ohio. Mold for an ice cream confection. 96,748; Sept. 3.
- Hegmann, August, Newark, N. J. Decorated wrapping paper. 96,038; June 25.
- Heldbreder, Herman H., Quincy, assignor to The Moore Corporation, Joliet, Ill. Heater. 95,348; Apr. 23.
- Heldbreder, Herman H., assignor to Excelsior Stove and Manufacturing Co., Quincy, Ill. Corner range. 97,063; Oct. 1.
- Heldbreder, Herman H., assignor to Excelsior Stove and Manufacturing Co., Quincy, Ill. Range. 97,064; Oct. 1.
- Heldbreder, Herman H., assignor to Excelsior Stove and Manufacturing Co., Quincy, Ill. Range. 97,065; Oct. 1.
- Heldbreder, Herman H., assignor to Excelsior Stove and Manufacturing Co., Quincy, Ill. Range. 97,066; Oct. 1.
- Heldbreder, Herman H., assignor to Excelsior Stove and Manufacturing Co., Quincy, Ill. Range. 97,067; Oct. 1.
- Heldbreder, Herman H., assignor to Excelsior Stove and Manufacturing Co., Quincy, Ill. Range. 97,068; Oct. 1.
- Heidemann, Hans, Cologne, Germany, assignor to A. E. Marconetti, New York, N. Y. Leather. 96,039; June 25.
- Heil, Arent, Upper Darby, assignor to Laird Schober & Company, Philadelphia, Pa. Shoe. Des. 94,422; Jan. 29.
- Heil, Arent, Upper Darby, assignor to Laird Schober & Company, Philadelphia, Pa. Shoe. Des. 94,423; Jan. 29.
- Heil, Arent, Upper Darby, Pa., assignor to Laird Schober & Company, Philadelphia, Pa. Shoe. 96,113; July 2.
- Heil, Arent, Upper Darby, assignor to Laird Schober & Company, Philadelphia, Pa. Shoe. 96,250; July 16.
- Heil, Arent, Upper Darby, assignor to Laird Schober & Company, Philadelphia, Pa. Shoe. 96,251; July 16.
- Heil, Arent, Upper Darby, assignor to Laird Schober & Company, Philadelphia, Pa. Shoe. 97,189; Oct. 15.
- Heil, Arent, Upper Darby, assignor to Laird Schober & Company, Philadelphia, Pa. Shoe. 97,190; Oct. 15.
- Heil Co., The. (See Eisenberg, Charles G., Jr., assignor.)
- Heil Co., The. (See Maloon, Earl B., assignor.)
- Heil Co., The. (See Thwalts, Frederick G., assignor.)
- Heil, Norman E., Paterson, N. J. Display rack. 95,955; June 18.
- Heilbrunn, Adolf, assignor to Golo Slipper Company, Inc., New York, N. Y. Slipper. Des. 94,348; Jan. 15.
- Hein, Gotthard G., assignor to Hein-Werner Motor Parts Corporation, Waukesha, Wis. Jack. 95,744; May 28.
- Hein-Werner Motor Parts Corporation. (See Hein, Gotthard G., assignor.)

- Heinke, Alfred J., Towaco, N. J. Textile Fabric. 95,251; Apr. 16.
- Heinze Development Company. (See Heinze, John O., assignor.)
- Heinze, John O., assignor to Heinze Development Company, Detroit, Mich. Touring car body. 95,507; May 7.
- Heise, Richard H., University City, assignor to S. G. Adams Company, St. Louis, Mo. Combined refrigerator dispensing and storage cabinet. 98,035; Dec. 31.
- Heit, Philip, New York, N. Y. Ensemble dress. Des. 94,966; Mar. 26.
- Heit, Philip, New York, N. Y. Ensemble dress. Des. 94,967; Mar. 26.
- Heit, Philip, New York, N. Y. Ensemble dress. Des. 94,968; Mar. 26.
- Heit, Philip, New York, N. Y. Ensemble dress. Des. 94,969; Mar. 26.
- Heit, Philip, New York, N. Y. Ensemble dress. Des. 94,970; Mar. 26.
- Heit, Philip, New York, N. Y. Ensemble dress. Des. 94,971; Mar. 26.
- Heit, Philip, New York, N. Y. Ensemble dress. Des. 94,972; Mar. 26.
- Heit, Philip, New York, N. Y. Ensemble dress. Des. 95,038; Apr. 2.
- Heit, Philip, New York, N. Y. Ensemble dress. 95,134; Apr. 9.
- Heit, Philip, New York, N. Y. Ensemble Dress. 95,177; Apr. 16.
- Heit, Philip, New York, N. Y. Ensemble Dress. 95,252; Apr. 16.
- Heit, Philip, New York, N. Y. Dress. 95,508; May 7.
- Heitler, Kurt, New York, N. Y. Rubber Diaper. 95,253; Apr. 16.
- Helander, Lillian V. M., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. Des. 94,688; Feb. 26.
- Helander, Lillian V. M., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 95,683; May 21.
- Helfgott, Leo A., Brooklyn, N. Y. Pastry ice cream cup. Des. 95,039; Apr. 2.
- Hellborn, George, Denver, Colo. Counter stand. Des. 94,759; Mar. 5.
- Heller, Jacob and M., Brooklyn, N. Y. Combined dish and tray. 96,548; Aug. 13.
- Heller, Michael. (See Heller, Jacob and M.)
- Hellonen, Victor, assignor of one-half to C. W. Soderblom, Detroit, Mich. Brush for dental plates. 96,749; Sept. 3.
- Helwig, Drew M. (See McCarty, L. C., Jr., and Helwig.)
- Hemp & Company Corporation Manufacturers of Sheet Metal Goods. (See Hemp, Joseph L., assignor.)
- Hemp, Joseph L., assignor to Hemp & Company Corporation Manufacturers of Sheet Metal Goods, Macomb, Ill. Heat insulated jug. 97,131; Oct. 8.
- Henkel, Adolph A., Ravinia, Ill. Moving sign casing. Des. 94,218; Jan. 1.
- Henney Motor Company. (See Richter, Edward, assignor.)
- Henry, Harry N. (See Brunst, H. C., and Henry.)
- Herberts Machinery Company. (See Merrigan, William J., assignor.)
- Herbolsheimer, Emil L., assignor to The Defiance Pressed Steel Company, Defiance, Ohio. Steering wheel for automobiles. Des. 95,040; Apr. 2.
- Herman, Samuel, New York, N. Y. Hand bag mirror or similar article. 96,666; Aug. 27.
- Herman, Samuel, assignor to Michel, Maksik and Feldman, Inc., New York, N. Y. Hand bag. 96,549; Aug. 13.
- Herrick, Chester L., assignor to Ampli-Phone Products Co., Inc., Chicago, Ill. Inter-communicating telephone switch set or similar article. 95,425; Apr. 30.
- Herrick, Chester L., assignor to Ampli-Phone Products Co., Inc., Chicago, Ill. Inter-communicating telephone switch cabinet or similar article. 95,426; Apr. 30.
- Herring, Una M., San Francisco, Calif. Hors d'Oeuvre Tray. Des. 94,833; Mar. 12.
- Herron, Alexander T., Utica, assignors to New York Mills Corporation, New York Mills, N. Y. Corduroy fabric. 98,036; Dec. 31.
- Hershau, Nathan, New York, N. Y. Finger ring or the like. 95,587; May 14.
- Hertzig, Robert, Brooklyn, N. Y. Shoe. Des. 94,269; Jan. 8.
- Hertzig, Robert, Brooklyn, N. Y. Shoe. Des. 94,270; Jan. 8.
- Hertzig, Robert, Brooklyn, N. Y. Shoe. Des. 94,271; Jan. 8.
- Hertzig, Robert, Brooklyn, N. Y. Shoe. Des. 94,897; Mar. 19.
- Hertzig, Robert, Brooklyn, N. Y. Shoe. Des. 94,898; Mar. 19.
- Hess, Paul, assignor to Panellit Displays Inc., Chicago, Ill. Sign. 95,254; Apr. 16.
- Hessberg, Irving K., assignor to Van Raalte Company, Inc., New York, N. Y. Glove. 95,684; May 21.
- Hettrick Manufacturing Company, The. (See Smith, Milton B., assignor.)
- Heyer, Benjamin F. W., Belleville, N. J. Combined charging and testing apparatus and stock stand. Des. 95,041; Apr. 2.
- Heyer, Benjamin F. W., Belleville, N. J. Combined testing and charging rack. 97,132; Oct. 8.
- Heyer, Benjamin F. W., Belleville, N. J. Rack for testing and charging. 97,161; Oct. 8.
- Heyer, Benjamin F. W., Belleville, N. J. Combined charging and testing unit. 97,286; Oct. 22.
- Heyer, Don, assignor to United States Electrical Manufacturing Company, Los Angeles, Calif. Electrically driven variable speed power unit. 95,685; May 21.
- Hickok Manufacturing Company. (See Johnson, Fred-eric D., assignor.)
- Hickok Manufacturing Company. (See Sachs, Morris.)
- Hiedemann, Hans, Cologne, Germany, assignor, by mesne assignments, to R. Neumann & Company, Hoboken, N. J. Leather. 96,114; July 2.
- Hiedemann, Hans, Cologne, Germany, assignor, by mesne assignments, to R. Neumann & Company, Hoboken, N. J. Leather. 96,115; July 2.
- Hildebrand, Otto G., Cleveland, Ohio. Wall bracket lamp. Des. 94,483; Feb. 5.
- Hildebrand, Otto G., Cleveland, Ohio. Wall bracket lamp. 97,069; Oct. 1.
- Hilger, Hans B., assignor to The Fuller-Warren Company, Milwaukee, Wis. Range. 98,039; Dec. 31.
- Hilgert, Eduard, Brno, Czechoslovakia. Eye shield. 97,287; Oct. 22.
- Hill, Arthur, New York, N. Y. Portable combined phonograph and radio. 96,832; Sept. 10.
- Hill, John, Hillside, N. J., assignor to Celluloid Corporation. Fountain pen. 96,914; Sept. 17.
- Hill, John, Hillside, N. J., assignor to Celluloid Corporation. Cellulose derivative plastic sheet or similar article. 96,915; Sept. 17.
- Hill, Hermann, Brighton, assignor to Hillfox Manufacturing Corporation, Rochester, N. Y. Electric Hair Clipper or Similar Article. 95,255; Apr. 16.
- Hill, Hermann, Brighton, assignor to Hillfox Manufacturing Corporation, Rochester, N. Y. Electric Hair Clipper or Similar Article. 95,256; Apr. 16.
- Hill, Thomas, New York, N. Y. Penholder desk unit or similar article. 97,191; Oct. 15.
- Hiller, Morris, Long Beach, N. Y. Coat. 95,909; June 11.
- Hillfox Manufacturing Corporation. (See Hill, Hermann assignor.)
- Hilty, George R., Miami, Fla. Kitchen cabinet unit or the like. Des. 94,608; Feb. 19.
- Hintz, John C., River Forest, assignor to Tenderet Corporation, Chicago, Ill. Meat and Food Tendering Machine. 95,257; Apr. 16.
- Hipwell, Harry T., Pittsburgh, Pa. Toy. 96,833; Sept. 10.
- Hipwell, Harry T., Pittsburgh, Pa. Toy. 96,834; Sept. 10.
- Hires, Charles E. Company, The. (See Hires, Harrison S., assignor.)
- Hires, Harrison S., assignor to The Charles E. Hires Company, Philadelphia, Pa. Beverage dispenser. 97,711; Dec. 3.
- Hirsch, Frederic H., assignor to John Frederics, Inc., New York, N. Y. Lady's hand bag. 97,484; Nov. 12.
- Hirsch, Frederic H., assignor to John Frederics Perfume Corporation, New York, N. Y. Stopper for a perfume bottle. 97,553; Nov. 19.
- Hitchcock, Otto G., Erie, Pa., assignor to Hays Manufacturing Co. Faucet. Des. 94,760; Mar. 5.
- Ilad, Ivan J., Chicago, Ill. Combined keyboard and neck for a stringed musical instrument. 96,550; Aug. 13.
- Hoagland, Charles E., Los Angeles, Calif., assignor to The Exhibit Supply Company, Chicago, Ill. Amusement game apparatus. Des. 94,973; Mar. 26.
- Hoban, Fairfield W., assignor of one-half to W. Lorenz, New York, N. Y. Dispensing Machine. 95,207; Apr. 16.
- Hobbs, Theodore C., Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Plumbing fixture. 98,037; Dec. 31.
- Hobert, Leroy F., Sandusky, Ohio, assignor to Rainbow Light, Inc., New York, N. Y. Electrode housing. Des. 94,609; Feb. 19.
- Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Utensil support for a cook stove. Des. 94,349; Jan. 15.
- Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Control panel for a cook stove. Des. 94,484; Feb. 5.
- Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Range or similar article. Des. 94,485; Feb. 5.
- Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Burner cap. Des. 94,610; Feb. 19.
- Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Burner, bowl, and utensil support assembly for a cook stove. Des. 94,689; Feb. 26.
- Hoff, Gust C. (See LaHodny, W., and Hoff.)
- Hoffenberg, Isidor, New York, N. Y. Shoe. 95,427; Apr. 30.
- Hofferbert, Orrin, assignor to Malleable Iron Range Company, Beaver Dam, Wis. Range having combined therewith a lighting unit, clock, and condiment holder. Des. 94,486; Feb. 5.
- Hoffman, Alfred G., assignor to Midwest Radio Corporation, Cincinnati, Ohio. Radiocabinet. 96,750; Sept. 3.
- Hoffman, Charles, New York, N. Y. Wrap. 95,827; June 4.
- Hoffmann, Allen J., West Allis, Wis. Car mover. 97,736; Dec. 3.
- Hoffmann, Wolfgang, Chicago, assignor to The W. H. Howell Company, Geneva, Ill. Smoking stand. Des. 94,306; Jan. 8.

- Hoffmann, Wolfgang, Chicago, assignor to The W. H. Howell Company, Geneva, Ill. Smoking stand. Des. 94,307; Jan. 8.
- Hoffmann, Wolfgang, Chicago, assignor to The W. H. Howell Company, Geneva, Ill. Smoking stand. Des. 94,308; Jan. 8.
- Hoffmann, Wolfgang, Chicago, assignor to The W. H. Howell Company, Geneva, Ill. Smoking stand. Des. 94,690; Feb. 26.
- Hoffmann, Wolfgang, Chicago, assignor to The W. H. Howell Company, Geneva, Ill. Chair. 95,745; May 28.
- Hoffmann, Wolfgang, Chicago, assignor to The W. H. Howell Company, Geneva, Ill. Chair. 96,183; July 9.
- Holland Brass Works, Incorporated. (See Liske, William F., assignor.)
- Holland, Harry A., Los Angeles, Calif. Combination smoker's accessory and holder for poker chips and the like. Des. 94,548; Feb. 12.
- Holland, Harry W., Elizabeth, N. J., assignor to The Texas Company, New York, N. Y. Display sign. 96,835; Sept. 10.
- Hollem, Carl A., Chicago, Ill. Lighting fixture. 97,288; Oct. 22.
- Hollingsworth, Clarence T., Detroit, Mich. Combined switch and fuse block. 96,551; Aug. 13.
- Hollman, Peter I. (See McIlvaine, J. H., and Hollman.)
- Holmes, Frank G., Trenton, N. J., assignor, by mesne assignments, to P. Jonap, Minneapolis, Minn. Combination salt and pepper shaker. Des. 95,042; Apr. 2.
- Holsman, Isidore, Chicago, Ill. Illuminated advertising sign or similar article. 95,588; May 14.
- Holsum Products, Inc. (See Stevens, Clifford B., assignor.)
- Holtz, Herbert, Haverhill, Mass. Shoe. Des. 94,350; Jan. 15.
- Holy, Mitchel E., assignor to Container Corporation of America, Chicago, Ill. Christmas tree lighting unit carton. 95,956; June 18.
- Honeyman, William A., San Anselmo, Calif. Collection box for sales tax. 97,192; Oct. 15.
- Hoosier Manufacturing Company, The, et al. (See McQuinn, E. G., and Conwell, assignors.)
- Hooven, Howard D., Jr., assignor to Quaker Lace Company Incorporated, Philadelphia, Pa. Lace tablecloth. 95,957; June 18.
- Hooven, Howard D., Jr., assignor to Quaker Lace Company Incorporated, Philadelphia, Pa. Lace tablecloth. 95,958; June 18.
- Hooven, Howard D., Jr., assignor to Quaker Lace Company Incorporated, Philadelphia, Pa. Lace tablecloth. 95,959; June 18.
- Hooven, Howard D., Jr., assignor to Quaker Lace Company Incorporated, Philadelphia, Pa. Lace tablecloth. 95,960; June 18.
- Hoover Company, The. (See Dreyfuss, Henry, assignor.)
- Hoover Company, The. (See White, Harry B., assignor.)
- Hormes, William T., Catonsville, Md., assignor to Ottenheimer Bros. Inc., Baltimore, Md. Panel or the like. 96,836; Sept. 10.
- Hormes, William T., Catonsville, Md., assignor to Ottenheimer Bros. Inc., Baltimore, Md. Refrigerator show case. 96,837; Sept. 10.
- Horn, Harry J. (See Hunt, J. H., and Horn.)
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Wheel. 96,307; July 23.
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Wheel. 97,070; Oct. 1.
- Horn, Max, Brookline, Mass. Shoe. 96,667; Aug. 27.
- Horn, Max, Brookline, Mass. Shoe. 96,751; Sept. 3.
- Horsley, James H., Chicago, Ill. Cigarette case or similar article. 98,000; Dec. 31.
- Horsley, James H., Chicago, Ill. Cigarette case or similar article. 98,001; Dec. 31.
- Horsley, James H., Chicago, Ill. Cigarette case or similar article. 98,002; Dec. 31.
- Horsley, James H., Chicago, Ill. Cigarette case or similar article. 98,003; Dec. 31.
- Horsley, James H., Chicago, Ill. Ash tray. 98,004; Dec. 31.
- Horter, George, Baldwin, N. Y., and E. N. Brown, Brockton, Mass., assignors to Lenthier Incorporated, New York, N. Y. Cosmetic display stand. 97,193; Oct. 15.
- Horton, Edwin C., Hamburg, N. Y. Windshield wiper. Des. 94,310; Jan. 8.
- Horwitt, Nathan G., New York, N. Y. Radiocabinet. 95,961; June 18.
- Horwitt, Paul H., Hartsdale, N. Y., assignor to Marathon Paper Mills Company, Rothschild, Wis. Sheet dispenser cabinet. 96,470; Aug. 6.
- Horwitt, Paul H., Hartsdale, N. Y., assignor to Marathon Paper Mills Company, Rothschild, Wis. Sheet dispenser panel. 96,471; Aug. 6.
- Horwitt, Paul H., Hartsdale, N. Y., assignor to Marathon Paper Mills Company, Rothschild, Wis. Sheet dispenser panel. 96,472; Aug. 6.
- Horwitt, Paul H., Hartsdale, N. Y., assignor to Marathon Paper Mills Company, Rothschild, Wis. Sheet dispenser panel. 96,473; Aug. 6.
- Horwitt, Paul H., Hartsdale, N. Y., assignor to Marathon Paper Mills Company, Rothschild, Wis. Sheet dispenser panel. 96,668; Aug. 27.
- Horwitt, Paul H., Hartsdale, N. Y., assignor to Marathon Paper Mills Company, Rothschild, Wis. Sheet dispenser panel. 96,669; Aug. 27.
- Horwitt, Paul H., Hartsdale, N. Y., assignor to Marathon Paper Mills Company, Rothschild, Wis. Sheet dispenser panel. 96,670; Aug. 27.
- Horwitt, Paul H., Hartsdale, N. Y., assignor to Marathon Paper Mills Company, Rothschild, Wis. Sheet dispenser panel. 96,671; Aug. 27.
- Horwitz, Saul, New York, N. Y. Braided shoe. 95,349; Apr. 23.
- Horwitz, Saul, New York, N. Y. Braided shoe. 95,350; Apr. 23.
- Houde Engineering Corporation. (See Peo, Ralph F., assignor.)
- Houghton, Arthur A., Jr., assignor to Corning Glass Works, Corning, N. Y. Flower holder. 96,552; Aug. 13.
- Howel, Clayton J., Chicago, Ill. Bottle. 95,686; May 21.
- Howell, W. H., Company, The. (See Hoffmann, Wolfgang, assignor.)
- Howell, Will, assignor to H. C. Turner, New York, N. Y. Weighing scale casing. 96,308; July 23.
- Howenstine, James A., assignor to Neon Products, Inc., Lima, Ohio. Sign. 96,309; July 23.
- Howenstine, James A., assignor to Neon Products, Inc., Lima, Ohio. Electric sign. 96,672; Aug. 27.
- Hower, Harry C., Chicago, Ill. Automobile tire. Des. 94,974; Mar. 26.
- Hower, Harry C., Chicago, Ill. Automobile tire. 96,184; July 9.
- Hower, Harry C., Chicago, Ill. Automobile tire. 97,162; Oct. 8.
- Huber, Otto, Astoria, assignor to Eagle Pencil Company, New York, N. Y. Mechanical pencil. 95,135; Apr. 9.
- Huber, Otto E., Reading, Pa., assignor to The Narrow Fabric Company, West Reading, Pa. Elastic lace braid. 95,828; June 4.
- Huber, Otto E., Reading, Pa., assignor to The Narrow Fabric Company, West Reading, Pa. Elastic lace braid. 95,829; June 4.
- Huber, Otto E., Reading, Pa., assignor to The Narrow Fabric Company, West Reading, Pa. Elastic lace braid. 95,830; June 4.
- Huber, Otto E., Reading, Pa., assignor to The Narrow Fabric Company, West Reading, Pa. Elastic lace braid. 95,831; June 4.
- Huber, Otto E., Reading, Pa., assignor to The Narrow Fabric Company, West Reading, Pa. Elastic lace braid. 95,832; June 4.
- Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic braid. 96,310; July 23.
- Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic braid. 96,311; July 23.
- Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic braid. 96,312; July 23.
- Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic braid. 96,313; July 23.
- Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 96,314; July 23.
- Hubert, René, Hollywood, Calif., assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 98,038; Dec. 31.
- Huffman, Russell I., Strasburg, assignor to Dover Manufacturing Company, Dover, Ohio. Sadiron casing. 96,752; Sept. 3.
- Huffman, Russell I., Strasburg, Ohio, assignor to Dover Manufacturing Company, Dover, Ohio. Sadiron casing. 97,579; Nov. 19.
- Hulse, George E., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Refrigeration system and apparatus. Des. 19,415; Jan. 8.
- Humer, Frank, and J. R. Morgan, assignors to General Motors Corporation, Detroit, Mich. Automobile or similar article. 95,351; Apr. 23.
- Humphrey, Hubert R., assignor to General Gas Light Company, Kalamazoo, Mich. Radiating element for gas heaters. Des. 94,761; Mar. 5.
- Humphrey, Hubert R., assignor to General Gas Light Company, Kalamazoo, Mich. Back wall for gas heaters. 95,136; Apr. 9.
- Hunker, Martin L., assignor to The Reeves Manufacturing Company, Dover, Ohio. Heating stove. 95,687; May 21.
- Hunt, J. Harold, assignor to Motor Wheel Corporation, Lansing, Mich. Wheel. 96,315; July 23.
- Hunt, J. Harold, assignor to Motor Wheel Corporation, Lansing, Mich. Wheel. 96,316; July 23.
- Hunt, J. Harold, assignor to Motor Wheel Corporation, Lansing, Mich. Wheel. 96,753; Sept. 3.
- Hunt, J. Harold, assignor to Motor Wheel Corporation, Lansing, Mich. Wheel. 97,554; Nov. 19.
- Hunt, J. Harold and H. J. Horn, assignors to Motor Wheel Corporation, Lansing, Mich. Wheel. 96,185; July 9.
- Hunt, J. Harold and H. J. Horn, assignors to Motor Wheel Corporation, Lansing, Mich. Wheel. 96,754; Sept. 3.
- Hunter, George A., Los Angeles, Calif. Lubricating unit. Des. 94,899; Mar. 19.
- Hunter, John P., East Orange, N. J., assignor to Safeguard, Inc., New York, N. Y. Check writer. 95,509; May 7.
- Hunter, John P., East Orange, N. J., assignor to Safeguard, Inc., New York, N. Y. Keyboard plate for check writers. 97,133; Oct. 8.

- Hurtig, Albert, St. Louis, Mo., assignor to The G. Edwin Smith Shoe Company, Columbus, Ohio. Shoe. 95,688; May 21.
- Huston, Myron E., Washington, D. C. Combined cape and hood. 96,673; Aug. 27.
- Hutchens, Ralph W., assignor to Gillette Rubber Company, Eau Claire, Wis. Tire or similar article. 95,746; May 28.
- Hutcheson, Ray R., Queens, assignor to J. Harris and Company, New York, N. Y. Pen holder desk stand. 96,838; Sept. 10.
- Hutt, George A. (See Hutt, Robert J. and G. A.)
- Hutt, Robert J. and G. A., assignors to U. S. Lace Paper Works, Inc., Brooklyn, N. Y. Doily. 96,040; June 25.
- Hutt, Robert J. and G. A., assignors to U. S. Lace Paper Works, Inc., Brooklyn, N. Y. Doily. 96,387; July 30.
- Hyle, Jacob A., Chicago, Ill., assignor to Champion Brake Corporation, Indiana Harbor, Ind. Hand wheel for railway car brakes. 96,916; Sept. 17.
- Iannelli, Alfonso, Park Ridge, assignor to Autogas Corporation, Chicago, Ill. Heater. Des. 94,611; Feb. 19.
- Idealite, Inc. (See Laxer, Harry M., assignor.)
- Illinois Watch Case Company. (See Irelan, Ellison S., assignor.)
- Illinois Watch Case Company. (See Wewetzer, Albert, assignor.)
- Imperial Brass Manufacturing Company, The. (See Amrine, Leclaire H., assignor.)
- Imperial Glass Corporation. (See Newton, Earl W., assignor.)
- Imperial Glass Corporation. (See Oldham, Charles W., assignor.)
- Imperial Molded Products Corporation. (See Amrine, Leclaire H., assignor.)
- Independent Lock Company. (See Reynolds, James B., assignor.)
- Indiana Glass Company. (See Clark, Jeddia B., assignor.)
- Ingersoll, Roy C., Chicago, Ill. Barrel. 97,580; Nov. 19.
- Ingraham, Dudley S., assignor to The E. Ingraham Company, Bristol, Conn. Clock-case. 96,474; Aug. 6.
- Ingraham, E., Company, The. (See Carlson, Eloy L., assignor.)
- Ingraham, E., Company, The. (See Ciccarelli, Ostilio, assignor.)
- Ingraham, E., Company, The. (See Ingraham, Dudley S., assignor.)
- Inland Steel Company. (See Surerus, Victor M., assignor.)
- International Business Machines Corporation. (See Harrison, Laurence S., assignor.)
- International Edge Tool Co. Inc. (See Beltram, Quincy, assignor.)
- International Motor Company. (See Frins, Maximilian C., assignor.)
- International Shoe Company. (See Crull, Hugh M., assignor.)
- International Shoe Company. (See Jordan, Leo J., assignor.)
- International Silver Company. (See Helander, Lillian V. M., assignor.)
- International Silver Company. (See McKeon, Patrick, assignor.)
- International Silver Company. (See Stark, Frederick W., assignor.)
- Irelan, Ellison S., assignor to Illinois Watch Case Company, Elgin, Ill. Vanity case. Des. 94,762; Mar. 5.
- Irelan, Ellison S., assignor to Illinois Watch Case Company, Elgin, Ill. Cosmetic container. Des. 94,763; Mar. 5.
- Irelan, Ellison S., assignor to Illinois Watch Case Company, Elgin, Ill. Cosmetic container. Des. 94,764; Mar. 5.
- Irelan, Ellison S., assignor to Illinois Watch Case Company, Elgin, Ill. Watch holder. Des. 94,765; Mar. 5.
- Irelan, Ellison S., assignor to Illinois Watch Case Company, Elgin, Ill. Vanity case. Des. 94,900; Mar. 19.
- Irelan, Ellison S., assignor to Illinois Watch Case Company, Elgin, Ill. Watch holder. 96,475; Aug. 6.
- Irelan, Ellison S., assignor to Illinois Watch Case Company, Elgin, Ill. Watch holder. 96,553; Aug. 13.
- Ireland, Murray. (See Worthington, E., and Ireland.)
- Irgens, Finn T., Wauwatosa, assignor to Outboard Motors Corporation, Milwaukee, Wis. Outboard motor. Des. 94,766; Mar. 5.
- Isaacs, William L., Hamilton, Ohio. Pitching horseshoe. 96,476; Aug. 6.
- Itkin, David, New York, N. Y. Snow suit. 96,755; Sept. 3.
- Itkin, David, New York, N. Y. Snow suit. 97,392; Nov. 5.
- Ivers-Lee Company. (See Salfisberg, Leroy L., assignor.)
- Izenstätt, Jacob A., Roxbury, assignor to Jay Shoe Manufacturing Company, Marlboro, Mass. Shoe. 96,985; Sept. 24.
- Jaccarino, Concetta, New York, N. Y., assignor to C. H. D. Robbins Co., Inc. Dress. 97,071; Oct. 1.
- Jackman, Herbert E., Rochester, N. Y. Game board. Des. 94,901; Mar. 19.
- Jackman, Pearl, Detroit, Mich. Store front. 96,252; July 16.
- Jackson, Edith A., Larchmont, N. Y., assignor to American Machine & Foundry Company. Mixing machine casing. 96,041; June 25.
- Jackson, Frank P., Chicago, Ill. Automobile steering wheel cover. 97,231; Oct. 15.
- Jackson, Miller & Wilde, Inc. (See Jackson, Raymond H., assignor.)
- Jackson, Raymond H., Amesbury, assignor to Jackson, Miller & Wilde, Inc., Merrimac, Mass. Shoe or article of analogous nature. Des. 94,902; Mar. 19.
- Jackson, Walter C., assignor to Tingley-Reliance Rubber Corporation, Rahway, N. J. Bumper protector. Des. 94,219; Jan. 1.
- Jacobs, Morton N., New York, N. Y. Lace. Des. 94,691; Feb. 26.
- Jacobs, Morton N., New York, N. Y. Lace. 96,253; July 16.
- Jacobs, Morton N., New York, N. Y. Lace. 96,254; July 16.
- Jacobs, Morton N., New York, N. Y. Lace. 96,255; July 16.
- Jacobs, Morton N., New York, N. Y. Lace. 96,256; July 16.
- Jacobsen, Earl S., Shelton, Conn., assignor to Sidney Blumenthal & Co., Inc., New York, N. Y. Pile fabric. 96,257; July 16.
- Jacobsen, Earl S., Shelton, Conn., assignor to Sidney Blumenthal & Co., Inc., New York, N. Y. Pile fabric. 96,477; Aug. 6.
- Jaeger, Adolph C., Port Chester, N. Y. Textile fabric or similar article. 96,042; June 25.
- Jaffe, Lawson, Chicago, Ill. Wedding ring. 95,428; Apr. 30.
- Jahncke, Evelyn, New Orleans, La. Combined cigarette receptacle and match holder. Des. 94,424; Jan. 29.
- James, Harry E., Atlantic City, N. J., and W. J. McClintock, Jr., Harrisburg, Pa., assignors to James, Inc., Atlantic City, N. J. Candy box. 95,429; Apr. 30.
- James, Inc. (See James, H. E., and McClintock, assignors.)
- James, Richard B., Highland Park, assignor to Gibson Refrigerator Company, Greenville, Mich. Refrigerator. Des. 94,903; Mar. 19.
- Jamestown Metal Equipment Company. (See Draeseke, Alfred W., assignor.)
- Jamieson, John, Garfield Heights, assignor to The Dickey-Grabler Company, Cleveland, Ohio. Coffin handle. 97,937; Dec. 24.
- Jamieson, John, Garfield Heights, assignor to The Dickey-Grabler Company, Cleveland, Ohio. Burial vault handle. 97,938; Dec. 24.
- Jamieson, Samuel A., Des Moines, Iowa. Coat garment. 95,833; June 4.
- Jansky, Charles G., Berwyn, assignor to General Sports Mfg. Co., Chicago, Ill. Golf club head. Des. 94,549; Feb. 12.
- Jansky, Charles G., Berwyn, assignor to General Sports Mfg. Co., Chicago, Ill. Golf club head. Des. 94,550; Feb. 12.
- Jansky, Charles G., Berwyn, assignor to General Sports Mfg. Co., Chicago, Ill. Golf club head. 96,478; Aug. 6.
- Janssen, Henry, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Stocking display cabinet. 95,834; June 4.
- Janssen, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Combined holder and stocking form. 96,258; July 16.
- Jaquith, Willard E., Syracuse, N. Y. Burial vault. 95,747; May 28.
- Jaramillo, Roman, El Rito, N. Mex. Automobile seat slip. 97,134; Oct. 8.
- Jaramillo, Roman, El Rito, N. Mex. Automobile seat slip. 97,135; Oct. 8.
- Jaramillo, Roman, El Rito, New Mexico. Automobile seat slip. 97,816; Dec. 10.
- Jarvis, W. B., Company. (See Ruppel, Frederick C., assignor.)
- Jay Shoe Manufacturing Company. (See Izenstätt, Jacob A., assignor.)
- Jayne, Bennett W., New York, N. Y. Shoe buckle. 97,679; Dec. 3.
- Jefferson Electric Company. (See Haggstrom, Arthur C., assignor.)
- Jenkins, John G. (See Jones, Fred D., Jr., assignor.)
- Jewell, Isaac F., Taylorsville, Ky. Card table. 96,986; Sept. 24.
- Jewett & Sherman Co. (See Smith, Frasier, assignor.)
- Jiraneck, Leo A., Grand Rapids, Mich. Drawer pull. Des. 94,834; Mar. 12.
- Johnson, Anders J., Linköping, Sweden. Bottle cap. Des. 94,835; Mar. 12.
- Johnson, Frederic D., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Cravat or necktie clip. Des. 94,425; Jan. 29.
- Johnson, Fritz R., Providence, R. I. Vanity case. 95,430; Apr. 30.
- Johnson, Glen A., Connerville, Ind. Mirror attachment for sun visor. 97,289; Oct. 22.
- Johnson, James R., New London, Conn. Mattress Cover. 95,178; Apr. 16.
- Johnson, James R., New London, Conn. Mattress Cover. 95,179; Apr. 16.
- Johnson, James R., New London, Conn. Mattress Cover. 95,180; Apr. 16.
- Johnson, Lee O., and G. N. Nunn, Pampa, Tex. Badge or similar article. Des. 94,426; Jan. 29.
- Johnson, Percy O., Columbus, Ohio. Nozzle for a Massaging Instrument or Similar Article. 95,258; Apr. 16.

- Johnson, William T., New Brighton, assignor to Mayer China Company, Beaver Falls, Pa. Plate or similar article. 95,431; Apr. 30.
- Johnston, Herbert L., assignor to The Kitchen Aid Manufacturing Company, Troy, Ohio. Food mixing apparatus. 95,352; Apr. 23.
- Johnston, William R., River Forest, Ill. Combined faucet, soap dish, and filter. 96,839; Sept. 10.
- Jonap, Philip. (See Holmes, Frank G., assignor.)
- Jones, Don F., assignor to Motor Wheel Corporation, Lansing, Mich. Heater cabinet or the like. 95,962; June 18.
- Jones, Fred D., Jr., assignor of fifty-five per cent to J. G. Jenkins, Seattle, Wash. Clock mounting. Des. 94,692; Feb. 26.
- Jones, John R., Atlanta, Ga. Food slicer. 95,432; Apr. 30.
- Jones, Winthrop M., Philadelphia, Pa. Cigarette case. 97,850; Dec. 17.
- Jordan, Leo J., assignor to International Shoe Company, St. Louis, Mo. Shoe. 97,194; Oct. 15.
- Jordan, Leo J., assignor to International Shoe Company, St. Louis, Mo. Shoe. 97,195; Oct. 15.
- Joutras, Robert J., Joliet, Ill., assignor to Jumbo, Inc. Jumping horse. Des. 94,767; Mar. 5.
- Joyce, William H., Jr., Pasadena, Calif. Sandal. 95,963; June 18.
- Joyce, William H., Jr., Pasadena, Calif. Sandal. 96,388; July 30.
- Joze, Allen T., assignor to Western Equipment & Supply Company, Chicago, Ill. Game apparatus. 96,917; Sept. 17.
- Judge, Frank P., Coshocton and E. M. Owens, East Liverpool, Ohio. Plate or similar article. 96,186; July 9.
- Judge, Frank P., Coshocton, and E. M. Owens, East Liverpool, Ohio. Bowl or similar article. 96,187; July 9.
- Judsen, Carl A., assignor to Judsen Rubber Works, Inc., Chicago, Ill. Knee pad. 97,393; Nov. 5.
- Judsen Rubber Works, Inc. (See Judsen, Carl A., assignor.)
- Juestrich, Max U., Ridgefield, N. J., assignor to The American Fabrics Company, Bridgeport, Conn. Textile fabric. 95,964; June 18.
- Juilliard, A. D., & Company. (See Haertel, Bruno, assignor.)
- Julian and Kokenge Company, The. (See Stock, Otto F., assignor.)
- Jumbo, Inc. (See Joutras, Robert J., assignor.)
- Justrite Manufacturing Company. (See Brown, Le Roy O., assignor.)
- Kadow, Richard C., Newark, N. J. Carpet sweeper. 96,756; Sept. 3.
- Kaemmer, Harry E., Fremont, Ohio. Radiator grille cover. 97,232; Oct. 15.
- Kafka, Frank, assignor to Krest Manufacturing Co., New York, N. Y. Salt or pepper shaker. Des. 94,693; Feb. 26.
- Kahn, Albert, Detroit, Mich. Cabinet for a refrigerator. 97,851; Dec. 17.
- Kahn, Edgar B., and L. Kanner, New York, N. Y. Cosmetic container. Des. 94,351; Jan. 15.
- Kaller, Louis G., and J. C. Gibson, Chicago, Ill. Automobile signal lamp casing. 97,009; Sept. 24.
- Kaiser, Charles, Great Neck, assignor to Morimura Bros. Inc., New York, N. Y. Creamer. 95,748; May 28.
- Kaiser, Charles, Great Neck, assignor to Morimura Bros. Inc., New York, N. Y. Teapot. 95,749; May 28.
- Kaiser, Charles, Great Neck, assignor to Morimura Bros. Inc., New York, N. Y. Sugar bowl. 95,750; May 28.
- Kaiser, Charles, Great Neck, assignor to Morimura Bros. Inc., New York, N. Y. Cup. 95,751; May 28.
- Kaiser, Charles, Great Neck, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,752; May 28.
- Kaiser, Charles, Great Neck, assignor to Morimura Bros. Inc., New York, N. Y. Coffeepot. 95,753; May 28.
- Kaiser, Charles, Great Neck, assignor to Morimura Bros. Inc., New York, N. Y. Creamer. 95,754; May 28.
- Kaiser, Charles, Great Neck, assignor to Morimura Bros. Inc., New York, N. Y. Cookie jar. 95,755; May 28.
- Kaiser, Charles, Great Neck, assignor to Morimura Bros. Inc., New York, N. Y. Teapot. 95,756; May 28.
- Kaiser, Charles, Great Neck, N. Y., assignor to Morimura Bros. Inc., New York, N. Y. Marmalade jar. 95,835; June 4.
- Kalmon, Morris, St. Louis, Mo. Shoe. Des. 94,487; Feb. 5.
- Kalmon, Morris, St. Louis, Mo. Shoe. Des. 94,488; Feb. 5.
- Kalmon, Morris, St. Louis, Mo. Shoe. Des. 94,489; Feb. 5.
- Kalmon, Morris, St. Louis, Mo. Shoe. Des. 94,490; Feb. 5.
- Kalmon, Morris, St. Louis, Mo. Shoe. Des. 94,491; Feb. 5.
- Kalmon, Morris, St. Louis, Mo. Shoe. Des. 94,492; Feb. 5.
- Kalmon, Morris, St. Louis, Mo. Shoe. Des. 94,493; Feb. 5.
- Kalmon, Morris, St. Louis, Mo. Shoe. Des. 94,494; Feb. 5.
- Kalmon, Morris, St. Louis, Mo. Shoe. 95,510; May 7.
- Kalter, Henry J., New York, N. Y. Treatment chair. 96,757; Sept. 3.
- Kalter, Henry J., New York, N. Y. Physician's examining table. 96,758; Sept. 3.
- Kalter, Henry J., New York, N. Y. Physician's examining table. 96,759; Sept. 3.
- Kane, Bernard N., assignor to The Decal Products Company, East Liverpool, Ohio. Plate or similar article. 95,689; May 21.
- Kanter, Morris, Woodridge, and H. Bresnick, New York, N. Y. Edible container. 95,137; Apr. 9.
- Kaplan, Harry, Philadelphia, Pa. Sandal. Des. 94,352; Jan. 15.
- Kaplan, John, St. Louis, Mo. Shoe. Des. 94,495; Feb. 5.
- Kapp, Bernice F., San Mateo, and J. B. Craft, San Francisco, Calif. Fecal receptacle. 96,674; Aug. 27.
- Karfli, Edward, New York, N. Y. Shelf-paper. Des. 94,836; Mar. 12.
- Karfli, Edward, New York, N. Y. Shelf-paper. Des. 94,837; Mar. 12.
- Karfli, Edward, New York, N. Y. Shelf-paper. Des. 94,838; Mar. 12.
- Karfli, Edward, New York, N. Y. Shelf-paper. Des. 94,839; Mar. 12.
- Karfli, Edward, New York, N. Y. Doily. 95,181; Apr. 16.
- Karfli, Edward, New York, N. Y. Doily. 96,116; July 2.
- Karfli, Edward, New York, N. Y. Doily. 96,117; July 2.
- Karn, Albert, Richmond Hill, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Hot water bottle stopper. 96,607; Aug. 20.
- Karnosh, Anthony R., Shaker Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery case. 96,760; Sept. 3.
- Karper, Abraham S., New York, N. Y. Water cooler. 96,259; July 16.
- Karr, Harold H., San Diego, Calif. Badge. Des. 95,046; Apr. 2.
- Karstadt, Clarence, and C. J. Klein, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Automobile radiator ornament or similar article. Des. 94,694; Feb. 26.
- Katagiri, Chihiro, New York, N. Y. Doll. 97,329; Oct. 29.
- Kateb, Elias, New York, N. Y. Negligee garment. Des. 94,612; Feb. 19.
- Kateb, George, New York, N. Y. Robe. 96,389; July 30.
- Kaufmann, Ary, South Orange, N. J., assignor to K. Kaufmann & Co., Inc. Traveling bag. 97,603; Nov. 26.
- Kaufmann, K., & Co. (See Kaufmann, Ary, assignor.)
- Kavanagh, Gardner C., Rochester, N. Y. Piano case. 96,761; Sept. 3.
- Kavanagh, Gardner C., Rochester, N. Y. Piano case. 96,762; Sept. 3.
- Kavanagh, Gardner C., Rochester, assignor to Aeolian American Corporation, East Rochester, N. Y. Piano case. 97,290; Oct. 22.
- Kavanagh, Gardner C., Rochester, assignor to Aeolian American Corporation, East Rochester, N. Y. Piano case. 97,291; Oct. 22.
- Kavanagh, Gardner C., Rochester, assignor to Aeolian American Corporation, East Rochester, N. Y. Piano case. 97,292; Oct. 22.
- Kaykewitz, Samuel, Brooklyn, N. Y. Shoe. Des. 94,220; Jan. 1.
- Kay, Isadore M. (See Shapiro, B., and Kay.)
- Kayn, Stephen F., New York, N. Y. Hair ornament. 96,317; July 23.
- Kayser, Julius, & Co. (See Walton, Gay S., assignor.)
- Kean, Nathan K., New York, N. Y. Shoe. Des. 94,551; Feb. 12.
- Kean, Nathan K., New York, N. Y. Shoe. 95,511; May 7.
- Kean, Nathan K., New York, N. Y. Shoe. 95,512; May 7.
- Kean, Nathan K., New York, N. Y. Shoe or similar article. 96,390; July 30.
- Kean, Nathan K., New York, N. Y. Shoe or similar article. 96,987; Sept. 24.
- Keating, Clarence S., Evanston, Ill., assignor to Kewaskum Aluminum Co. Whistling teakettle or similar article. 96,988; Sept. 24.
- Keckley, O. C., Company. (See Kennedy, John J., assignor.)
- Keele, Ralph M., assignor to United States Appliance Corporation, San Francisco, Calif. Permanent hair waving machine. Des. 94,353; Jan. 15.
- Keeler Brass Company. (See Keeler, Isaac S., assignor.)
- Keeler Brass Company. (See Rettich, Kurt, assignor.)
- Keeler Brass Company. (See Uhlmann, Otto E.)
- Keeler, Isaac S., assignor to Keeler Brass Company, Grand Rapids, Mich. Handle or similar article. 95,910; June 11.
- Keil, Charles R., Tiffin, Ohio, assignor to United States Glass Company, Pittsburgh, Pa. Goblet or similar article. 96,119; July 2.
- Kell, Charles R., Tiffin, Ohio, assignor to United States Glass Company, Pittsburgh, Pa. Goblet or similar article. 96,120; July 2.
- Kell, Charles R., Tiffin, Ohio, assignor to United States Glass Company, Pittsburgh, Pa. Goblet or similar article. 96,121; July 2.
- Keister, Blanchard O., Tazewell, Va. Condiment holder. Des. 94,695; Feb. 26.
- Keith, Geo. E., Company. (See Caldwell, Charles H., assignor.)
- Keith, Geo. E., Company. (See Colberg, Alvin H., assignor.)
- Keith, Geo. E., Company. (See Lutz, Albert W., assignor.)
- Keller, George J., East St. Louis, Ill. Automobile. 96,840; Sept. 10.

- Kelley, Frank, assignor to A. Claus Manufacturing Company, Cleveland, Ohio. Combined table and stool unit. 96,841; Sept. 10.
- Kelley-Koett Manufacturing Company, The. (See Brunst, H. C., and Henry, assignors.)
- Kelley-Koett Manufacturing Company, The. (See Graves, Edward B., assignor.)
- Kellogg, Spencer, & Sons, Inc. (See Steuer, Norman F., assignor.)
- Kelly, Leo J., assignor to Exhibit Supply Company, Chicago, Ill. Phonograph cabinet. 97,604; Nov. 26.
- Kelsey-Hayes Wheel Company. (See Sinclair, Charles W., assignor.)
- Kempton, Herbert E., assignor to Tuthill Pump Company, Chicago, Ill. Casing for a fuel pumping unit. 97,581; Nov. 19.
- Kennedy, John J., assignor to O. C. Keeckley Company, Chicago, Ill. Pedestal lamp. 96,763; Sept. 3.
- Kensington, Incorporated. (See Guild, Lurelle, assignor.)
- Kent, Frederick W., Minneapolis, Minn. Parcel shelf. Des. 95,043; Apr. 2.
- Kephart, Harry A., San Dimas, Calif. Toy dog. 97,852; Dec. 17.
- Kerk, Guild, Inc. (See Gaba, A. Lester, assignor.)
- Kerrigan, Eugene F., New York, N. Y. Shoe. 96,391; July 30.
- Kerrigan, Eugene F., New York, N. Y. Shoe. 96,392; July 30.
- Kerrigan, Eugene F., New York, N. Y. Shoe. 96,393; July 30.
- Kerrigan, Eugene F., New York, N. Y. Shoe. 96,394; July 30.
- Keshishian, Mary N., Detroit, Mich. Set of playing cards. 96,118; July 2.
- Kessler, Charles J. (See Adams, W. H., and Kessler.)
- Kessler, Frank T., assignor to Continental Distilling Corporation, Philadelphia, Pa. Bottle. 95,589; May 14.
- Kessler, Joseph, Long Island City, N. Y. Shoe. Des. 94,221; Jan. 1.
- Kessler, Joseph, Long Island City, N. Y. Shoe. Des. 94,222; Jan. 1.
- Kessler, Joseph, Long Island City, N. Y. Shoe. Des. 94,223; Jan. 1.
- Kessler, Joseph, Long Island City, N. Y. Shoe. Des. 94,224; Jan. 1.
- Kessler, Joseph, Long Island City, N. Y. Shoe. Des. 94,225; Jan. 1.
- Kessler, Joseph, Long Island City, N. Y. Shoe. Des. 94,226; Jan. 1.
- Kessler, Joseph, Long Island City, N. Y. Shoe. Des. 94,227; Jan. 1.
- Kessler, Joseph, Long Island City, N. Y. Shoe. Des. 94,272; Jan. 8.
- Kessler, Joseph, Long Island City, N. Y. Shoe. Des. 94,273; Jan. 8.
- Kessler, Joseph, Long Island City, N. Y. Shoe. Des. 94,904; Mar. 19.
- Kessler, Louis, New York, N. Y. Service stand for the display of hors d'oeuvres. 95,353; Apr. 23.
- Kessler, Louis, New York, N. Y. Service stand for the display of hors d'oeuvres. 96,675; Aug. 27.
- Kessler, Sidney, assignor to American Spirits, Inc., New York, N. Y. Bottle. 95,590; May 14.
- Kestin, Irving M., Brooklyn, assignor to Atlas Metal Products Corporation, New York, N. Y. Belt buckle or similar article. 97,293; Oct. 22.
- Keuffel, Adolf W., Montclair, assignor to Keuffel & Esser Company, Hoboken, N. J. Case for a measuring tape. 96,479; Aug. 6.
- Keuffel & Esser Company. (See Keuffel, Adolf W., assignor.)
- Keuthan, Frederick B., Indianapolis, Ind. Display cabinet. 95,513; May 7.
- Kewaskum Aluminum Co. (See Keating, Clarence S., assignor.)
- Key, Abraham L., Great Kills, Staten Island, assignor to American Distilling Company, New York, N. Y. Bottle. 95,259; Apr. 16.
- Key, Abraham L., Great Kills, Staten Island, assignor to American Distilling Company, New York, N. Y. Bottle. 95,260; Apr. 16.
- Key, Abraham L., Great Kills, Staten Island, assignor to American Distilling Company, New York, N. Y. Flask. 95,261; Apr. 16.
- Key, Abraham L., Great Kills, Staten Island, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Bottle. 95,262; Apr. 16.
- Key, Abraham L., Great Kills, Staten Island, N. Y., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Tumbler. 97,486; Nov. 12.
- Keyes, Kenneth B., New York, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. 96,608; Aug. 20.
- Keyes, Kenneth B., New York, N. Y., assignor to Bancroft Walker Company, Waltham, Mass. Shoe. 97,485; Nov. 12.
- Kichu, Kiriakos, and Stephen Marino, Haverhill, Mass. Hand bag. 96,609; Aug. 20.
- Kidd, William E., assignor to Art Metal Construction Company, Jamestown, N. Y. Desk or similar article. Des. 94,905; Mar. 19.
- Kihn, Lawrence J., Pittsburgh, Pa., assignor to J. T. & A. Hamilton Company. Glass bottle. Des. 94,496; Feb. 5.
- Kihn, Lawrence J., Pittsburgh, Pa., assignor to J. T. & A. Hamilton Company. Glass bottle. Des. 94,696; Feb. 26.
- Kihn, Lawrence J., Pittsburgh, Pa., assignor to J. T. & A. Hamilton Company. Glass bottle. 95,965; June 18.
- Kihn, Lawrence J., Pittsburgh, Pa., assignor to J. T. & A. Hamilton Company. Glass bottle. 96,395; July 30.
- Kihn, Lawrence J., Pittsburgh, Pa., assignor to J. T. & A. Hamilton Company. Glass bottle. 96,989; Sept. 24.
- Kihn, Lawrence J., Pittsburgh, Pa., assignor to J. T. & A. Hamilton Company. Glass bottle. 97,196; Oct. 15.
- Kilborne, Robert S. Jr., Chappaqua, N. Y. Shoe. 97,136; Oct. 8.
- Kim, Julius, Cheswick, Pa. House letter box. 95,911; June 11.
- Kimerly, Clarence G., Grand Rapids, Mich. Molding for pieces of furniture. 96,188; July 9.
- Kimerly, Clarence G., Grand Rapids, Mich. Molding for pieces of furniture. 97,350; Oct. 29.
- Kimerly, Clarence G., Grand Rapids, Mich. Molding for pieces of furniture. 97,644; Nov. 26.
- Kindelberger, James H., Los Angeles, and A. E. Raymond, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Airplane. Des. 94,427; Jan. 29.
- King, George J., Belmont, assignor to Chelsea Clock Company, Chelsea, Mass. Clock dial. 96,676; Aug. 27.
- King, Marvin A., Detroit, Mich. Ash tray or similar receptacle. Des. 94,768; Mar. 5.
- Kingsbury, Harry T., Keene, N. H. Wheeled toy. 97,487; Nov. 12.
- Kinsley, Felix P., St. Louis, Mo. Finger Ring. 95,269; Apr. 16.
- Kinsley, Felix P., St. Louis, Mo. Finger Ring. 95,270; Apr. 16.
- Kinsley, Felix P., St. Louis, Mo. Ring or similar article of jewelry. 97,394; Nov. 5.
- Kinsley, Felix P., St. Louis, Mo. Ring or similar article of jewelry. 97,395; Nov. 5.
- Kintz, Alfred G., Wallingford, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. Des. 94,906; Mar. 19.
- Kintz, Alfred G., Wallingford, and Frederick W. Stark, assignors to International Silver Company, Meriden, Conn. Spoon or other article of flatware. Des. 94,907; Mar. 19.
- Kipp, Karl, East Aurora, N. Y. Table. 97,163; Oct. 8.
- Kipp, Karl, East Aurora, N. Y. Stand. 97,351; Oct. 29.
- Kircher, Ralph N., assignor to West Bend Aluminum Co., West Bend, Wis. Electric teakettle. 95,354; Apr. 23.
- Kirk, Claude R. (See Collison, E. E., and Kirk.)
- Kirsch, Benjamin, and J. Y. Grade, assignors to Auto Radiator Manufacturing Co., Chicago, Ill. Combined radiator shell and deflector. 97,528; Nov. 19.
- Kirsch, Benjamin, and J. Y. Grade, assignors to Auto Radiator Manufacturing Co., Chicago, Ill. Combined radiator shell and deflector. 97,529; Nov. 19.
- Kirchheim, Walter H., Mount Vernon, and F. C. Reynolds, New York, assignors to American Radiator Company, New York, N. Y. Ventilator casing. 97,605; Nov. 26.
- Kirschner, Jack, New York, N. Y. Ensemble dress. 95,514; May 7.
- Kirschner, Jack, New York, N. Y. Ensemble dress. 95,757; May 28.
- Kirschner, Jack, New York, N. Y. Ensemble dress. 95,836; June 4.
- Kirschner, Jack, New York, N. Y. Ensemble dress. 95,837; June 4.
- Kirschner, Jack, New York, N. Y. Dress. 95,838; June 4.
- Kirschner, Jack, New York, N. Y. Ensemble dress. 95,839; June 4.
- Kirschner, Jack, New York, N. Y. Ensemble dress. 95,840; June 4.
- Kirschner, Jack, New York, N. Y. Ensemble dress. 95,841; June 4.
- Kirschner, Jack, New York, N. Y. Ensemble dress. 95,842; June 4.
- Kirschner, Jack, New York, N. Y. Ensemble dress. 95,966; June 18.
- Kitchen Aid Manufacturing Company, The. (See Johnston, Herbert L., assignor.)
- Klebanoff, David, assignor to D. Klebanoff and S. Grossman, co-partners, doing business as Klebanoff and Grossman, New York, N. Y. Jewelry stone setting. 97,606; Nov. 26.
- Klebanoff and Grossman. (See Klebanoff, David.)
- Klein, Abraham and L. Esterow, assignors to Columbia Stamping Products Co., Inc., New York, N. Y. Vanity Case. 95,263; Apr. 16.
- Klein, Abraham and L. Esterow, assignors to Columbia Stamping Products Co., Inc., New York, N. Y. Vanity Case. 95,264; Apr. 16.
- Klein, Abraham and L. Esterow, assignors to Columbia Stamping Products Co., Inc., New York, N. Y. Vanity Case. 95,265; Apr. 16.
- Klein, Adolf, New York, N. Y. Piano. 97,072; Oct. 1.
- Klein, Chris J. (See Curtiss, G. E., and Klein.)
- Klein, Chris J. (See Karstadt, C., and Klein.)
- Klein, Chris J. (See Shaw, H., and Klein.)
- Klein, Louis N., New York, N. Y. Dress. 95,266; Apr. 16.
- Klein, Max, New York, N. Y. Tablecloth or article of similar nature. 96,318; July 23.
- Kleinofen, Edward, Evanston, Ill. Top spinning device. 95,758; May 28.
- Klenme, Maurice G., assignor to Eagle Foundry Company, Belleville, Ill. Cooking stove. 96,842; Sept. 10.

- Klett Manufacturing Co. (See Klett, Robert E., assignor.)
Klett, Robert E., Kent, Conn., assignor to Klett Manufacturing Co., Inc., New York, N. Y. Haemometer casing. 97,853; Dec. 17.
- Kleven Shoe Co. (See Ryan, Anthony A., assignor.)
Klindt, Harold, Providence, R. I., assignor to Taunton Pearl Works, Inc. Cravat holder. 95,433; Apr. 30.
- Klotz, Albert, Vacaville, Calif. Highway sign. Des. 94,354; Jan. 15.
- Klute, Samuel, assignor to The Malleable Steel Range Manufacturing Company, South Bend, Ind. Cooking Range. 95,267; Apr. 16.
- Klute, Samuel, assignor to The Malleable Steel Range Manufacturing Company, South Bend, Ind. Cooking Range. 95,268; Apr. 16.
- Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Combined waffle iron and tray. 96,480; Aug. 6.
- Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Combined sandwich toaster and tray. 96,481; Aug. 6.
- Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Combined sandwich toaster and tray. 96,677; Aug. 27.
- Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Combined waffle iron and tray. 96,678; Aug. 27.
- Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Toaster casing. 96,764; Sept. 3.
- Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Jug. 96,990; Sept. 24.
- Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Toaster casing. 97,396; Nov. 5.
- Knapp, Andrew S., Belleville, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo. Combined waffle iron and tray. 97,397; Nov. 5.
- Knapp, Andrew S., Belleville, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo. Buffet grill stove. 97,530; Nov. 19.
- Knapp, Leland G., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Roller skate. Des. 94,769; Mar. 5.
- Knapp, Leland G., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Combined lamp base and font. 96,482; Aug. 6.
- Knapp-Monarch Company. (See Knapp, Andrew S., assignor.)
- Knaster, Bert, Maplewood, and C. F. Vonhof, Hillside, N. J. Building. Des. 94,908; Mar. 19.
- Knox Glass Bottle Company, The. (See Underwood, Chester R., assignor.)
- Knox, Malcolm R. (See Sherman, R. M., and Knox.)
- Koch, Henry, assignor to Dictograph Products Company, Inc., Jamaica, N. Y. Cabinet for telephone equipment. 95,591; May 14.
- Koch, Louis A., Jr., Louisville, Ky. Electric cable terminal. 97,233; Oct. 15.
- Koch, Lydia B., New York, N. Y. Fan. 96,122; July 2.
- Koch, Robert L., New York, N. Y. Ring. Des. 94,552; Feb. 12.
- Koch, Roderic M., Evansville, Ind. Display rack. 97,137; Oct. 8.
- Kochs, Theo. A., Company. (See Schwarzkopf, Arthur R., assignor.)
- Koehl, John, Itasca, Ill. Flatiron. 97,352; Oct. 29.
- Koerper, Willy, Nuremberg, Germany. Pencil. 97,555; Nov. 19.
- Kogan, Belle, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Pitcher. Des. 94,909; Mar. 19.
- Kogan, Belle, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Sugar bowl. Des. 94,910; Mar. 19.
- Kogan, Belle, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Plate. Des. 94,911; Mar. 19.
- Kogan, Belle, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Teapot or similar article. Des. 94,912; Mar. 19.
- Kogan, Belle, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Platter. Des. 94,913; Mar. 19.
- Kogan, Belle, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Saucer. Des. 94,914; Mar. 19.
- Kogan, Belle, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Cup. Des. 94,915; Mar. 19.
- Kogan, Belle, New York, N. Y., assignor to Celluloid Corporation. Hand mirror. 96,260; July 16.
- Kogan, Belle, New York, N. Y., assignor to Celluloid Corporation. Hand mirror. 96,261; July 16.
- Kogan, Belle, New York, N. Y., assignor to Warren Telechron Company. Timer case. 97,939; Dec. 24.
- Kohaut, Harry F., East Orange, N. J. Game pin or similar article. 98,005; Dec. 31.
- Kohlberg, Alfred, Inc. (See Finally, Adolf, assignor.)
- Kokins, Irwin W., Ashland, Mass., assignor to Warren Telechron Company. Clock case. 97,488; Nov. 12.
- Kollwitz, John, North Tonawanda, N. Y. Pedestal lamp. 95,515; May 7.
- Kolodney, Lillian, New York, N. Y. Blouse. Des. 94,916; Mar. 19.
- Kolodzey, Erwin B., assignor to Lincoln Manufacturing Company, Detroit, Mich. Light reflector. Des. 94,387; Jan. 22.
- Koomruian, Harry, New York, N. Y. Sandal. 95,690; May 21.
- Koonz, Frederick W., Bernardston, Mass., assignor to Rogers, Lunt & Bowlen Company, Greenfield, Mass. Spoon or similar article. 97,294; Oct. 22.
- Kopf, John C., assignor to Jabez Burns & Sons, Inc., New York, N. Y. Casing for a grinding mill. 96,679; Aug. 27.
- Kosta, Charles, New York, N. Y. Shoe. 95,691; May 21.
- Kotzen, Irving, New York, N. Y. Blouse. 95,355; Apr. 23.
- Kotzen, Irving, New York, N. Y. Blouse. 95,356; Apr. 23.
- Kotzen, Irving, New York, N. Y. Blouse. 95,357; Apr. 23.
- Kowalski, Julian, Chicago, Ill. Chair or the like. 96,123; July 2.
- Kraefft, Herman L., assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Child's vehicle. Des. 94,975; Mar. 26.
- Kraefft, Herman L., Cleveland Heights, Ohio, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Child's vehicle. Des. 95,045; Apr. 2.
- Kraefft, Herman L., Cleveland Heights, assignor to The Murray Ohio Manufacturing Company, Cleveland, Ohio. Velocipede. 96,189; July 9.
- Kraefft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Saddle seat. 97,295; Oct. 22.
- Kraft-Phenix Cheese Corporation. (See Wright, Allen A., assignor.)
- Kramer, Andrew A. (See Kramer, Joseph M., assignor.)
- Kramer, Andrew A., Kansas City, Mo. Tank vehicle body. 95,843; June 4.
- Kramer, Andrew A., Kansas City, Mo. Tank vehicle body. 95,844; June 4.
- Kramer, Andrew A., and J. M. Kramer, said J. M. Kramer, assignor to said A. Kramer, Kansas City, Mo. Tank vehicle body. 95,845; June 4.
- Kramer, Arthur L., Dallas, Tex. Plate or similar article. 95,592; May 14.
- Kramer, Arthur L., Dallas, Tex. Tumbler or similar article. 95,593; May 14.
- Kramer, Arthur L., Dallas, Tex. Goblet or similar article. 95,594; May 14.
- Kramer, Arthur L., Dallas, Tex. Round ash tray or similar article. 97,073; Oct. 1.
- Kramer, Arthur L., Dallas, Tex. Covered cigarette receptacle or similar article. 97,074; Oct. 1.
- Kramer, Joseph M. (See Kramer, Andrew A., and J. M.)
- Kramer, Joseph M., assignor to A. A. Kramer, Kansas City, Mo. Tank vehicle body. 95,846; June 4.
- Kramer, Joseph M., assignor to A. A. Kramer, Kansas City, Mo. Tank vehicle body. 95,847; June 4.
- Kramer, William, Richmond Hill, N. Y. Toy model ships hull. 95,692; May 21.
- Krantz, Carl A., Chicago, Ill. Hygrometer or the like. 95,434; Apr. 30.
- Kranz, Irwin, New York, N. Y. Maternity dress ensemble. Des. 95,044; Apr. 2.
- Kranz, Philip, Philadelphia, and A. Hartmann, Elkins Park, assignors to B. Wilmsen, Philadelphia, Pa. Crinkled tinsel. 96,190; July 9.
- Krasnow, Philip. (See Sacks, H. B., and Krasnow.)
- Kraunz, Irving, New York, N. Y. Blouse. 96,765; Sept. 3.
- Kraus, Henry, assignor to W. H. and W. N. Beaumont, Mount Vernon, N. Y. Window-curtain ensemble. 97,075; Oct. 1.
- Krause, Richard F., Massillon, Ohio. Drip coffeepot. Des. 94,428; Jan. 29.
- Krause, Richard F., Massillon, Ohio. Drip coffeepot. Des. 94,429; Jan. 29.
- Krause, Richard F., Massillon, Ohio. Handle for pans. Des. 94,697; Feb. 26.
- Kreidler, Urban A., East Orange, N. J., assignor to National Biscuit Company, New York, N. Y. Pastry cup. 95,595; May 14.
- Kreissler, Jacques, New Rochelle, N. Y. Vanity case, or similar article. 96,680; Aug. 27.
- Krest Manufacturing Co. (See Kafka, Frank, assignor.)
- Kretschan, Anton, Chicago, Ill. Massage applicator. 95,516; May 7.
- Kronman, Evelyn, assignor to Franklin Simon & Co., Inc., New York, N. Y. Ensemble dress. Des. 94,840; Mar. 12.
- Kronman, Joel, New York, N. Y. Container cap. 96,766; Sept. 3.
- Kronstadt, Max, Brooklyn, N. Y. Ring or similar article. 96,610; Aug. 20.
- Kronstadt, Max, Brooklyn, N. Y. Ring or similar article. 96,611; Aug. 20.
- Kronstadt, Max, Brooklyn, N. Y. Ring or similar article. 96,918; Sept. 17.
- Kronthal, Harold I., New York, N. Y. Textile fabric. 97,033; Sept. 24.
- Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Refrigerator Cabinet. Des. 94,388; Jan. 22.
- Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Ice tray. 95,967; June 18.
- Krumsiek, Ernest. (See Hathaway, C. W., and Krumsiek.)

- Kunen, Julius, New York, N. Y. Combined vending machine and condiment stand or similar article. 97,854; Dec. 17.
- Kurland, Nathan, Bronx, N. Y. Set of playing cards. 96,319; July 23.
- Kurtz, Leonard J., Cleveland, Ohio. Window cleaner or similar article. 96,483; Aug. 6.
- Kurtz, Theodore, New York, N. Y. Shoe. 97,680; Dec. 3.
- Korporation, Wheeling, W. Va. Signboard or similar article. 97,556; Nov. 19.
- Kussman, Delwin W., Racine, Wis. Combined wall shelf and radiocabinet. 95,912; June 11.
- Kussman, Delwin W., Racine, Wis. Combined radio loud-speaker cabinet and wall shelf. 96,484; Aug. 6.
- Labatoires Galeniques Vernin. (See Vernin, Louis M. P. C., assignor.)
- Lackow, Emil, Brooklyn, N. Y. Cigarette case. 96,262; July 16.
- Lahmann, Frank J., Richmond, Ind. Mirror. 95,358; Apr. 23.
- Lahn, Blanche, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. Des. 94,841; Mar. 12.
- Lahn, Blanche, assignor to Franklin Simon & Co. Inc., New York, N. Y. Dress. Des. 94,976; Mar. 26.
- Lahn, Blanche, assignor to Franklin Simon & Co. Inc., New York, N. Y. Dress. 95,759; May 28.
- LaHodny, William, and G. C. Hoff, assignors to Standard Mirror Company, Inc., Buffalo, N. Y. Hand mirror. 96,191; July 9.
- Laird Schober & Company. (See Hell, Arent, assignor.)
- Laird, Wilbur G., Pleasantville, N. Y. Toy wagon. 97,607; Nov. 26.
- Lake, Elsmore D., assignor to Langendorf United Bakeries, Incorporated, Oakland, Calif. Bread wrapper. 97,010; Sept. 24.
- La Lumiere, Ernest J. B., Cranston, R. I. Advertising vehicle. 97,076; Oct. 1.
- Lambert, Marion, Inc. (See Beck, George H., assignor.)
- Lamont, George, Los Angeles, Calif. Bell candle or the like. 96,612; Aug. 20.
- Lampel, Eugene, Brooklyn, N. Y. Shoe. 96,320; July 23.
- Land, Frank S., Kansas City, Mo. Brooch. Des. 94,698; Feb. 26.
- Landberg, George, New York, N. Y. Hand bag. 97,645; Nov. 26.
- Landefeld, Carl. (See Geddes, N. B., and Landefeld.)
- Landers, James H., Rome, N. Y. Signboard. 96,321; July 23.
- Landgarten, Harry, Brooklyn, N. Y. Shower head. 98,006; Dec. 31.
- Landry, William A., White Plains, N. Y. Textile fabric. Des. 94,842; Mar. 12.
- Landry, William A., White Plains, assignor to Deering Milliken & Co., Inc., New York, N. Y. Textile fabric. 96,554; Aug. 13.
- Landry, William A., White Plains, N. Y., assignor to Deering Milliken & Co., Incorporated, New York, N. Y. Textile fabric. 97,772; Dec. 10.
- Landry, William A., White Plains, N. Y., assignor to Deering Milliken & Co., Incorporated, New York, N. Y. Textile fabric. 97,773; Dec. 10.
- Landry, William A., White Plains, N. Y., assignor to Deering Milliken & Co., Incorporated, Manhattan, N. Y. Textile fabric. 98,007; Dec. 31.
- Landry, William A., White Plains, N. Y., assignor to Deering Milliken & Co., Incorporated, Manhattan, N. Y. Textile fabric. 98,008; Dec. 31.
- Lange, Henry, assignor to The Quincy Stove Manufacturing Company, Quincy, Ill. Stove. 95,272; Apr. 16.
- Lange, Henry, assignor to Quincy Stove Manufacturing Company, Quincy, Ill. Coal range. 96,919; Sept. 17.
- Langen, Hermann, Cologne, Germany. Inkwell. 97,077; Oct. 1.
- Langendorf United Bakeries, Incorporated. (See Lake, Elsmore D., assignor.)
- Langknecht, Henry J., assignor to Shuron Optical Company, Inc., Rochester, N. Y. Ophthalmic mounting. 95,359; Apr. 23.
- Lanz, Josef, Salzburg, Austria. Shoe. 95,968; June 18.
- Lanz, Josef, Salzburg, Austria. Shoe. 95,969; June 18.
- Lanz, Josef, Salzburg, Austria. Shoe. 97,330; Oct. 29.
- Lanz, Josef, Salzburg, Austria, assignor to The Stetson Shoe Company, Inc., South Weymouth, Mass. Ski boot. 95,848; June 4.
- Lanz, Josef, Salzburg, Austria, assignor to The Stetson Shoe Company, Inc., South Weymouth, Mass. Shoe. 96,396; July 30.
- Lanz, Josef, Salzburg, Austria, assignor to The Stetson Shoe Company, Inc., South Weymouth, Mass. Shoe. 96,397; July 30.
- Lanz, Josef, Salzburg, Austria, assignor to The Stetson Shoe Company, Inc., South Weymouth, Mass. Shoe. 97,331; Oct. 29.
- Lanz, Joseph, Salzburg, Austria. Shoe or similar article. 96,613; Aug. 20.
- Larkin Company. (See Nyland, Ilonka, assignor.)
- Larom, George U., Brightwaters, and A. L. Russo, Astoria, N. Y. Glove. Des. 95,048; Apr. 2.
- Larom, George U., Brightwaters, and A. L. Russo, Astoria, N. Y. Glove. 95,913; June 11.
- Larsen, Chris, Burlingame, Calif. Burial casket. Des. 94,497; Feb. 5.
- Larsen, Chris, Burlingame, Calif. Burial casket. 97,436; Nov. 5.
- Larsen, Gabriel, Springfield, N. J., assignor to L. E. Waterman Company, New York, N. Y. Ink bottle. 97,681; Dec. 3.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Corner ornament for a casket or analogous article. 97,737; Dec. 3.
- La Ruea, Cassandra K., New York, N. Y. Cape. 96,124; July 2.
- La Ruea, Cassandra K., New York, N. Y. Dress. 96,398; July 30.
- Laughery, Emma A., Chicago, Ill. Vending machine stand or similar article. 97,970; June 18.
- LaValle, Dominick, New York, N. Y. Shoe or similar article. 96,843; Sept. 10.
- Lavigne, Jerome R., assignor to Waterbury Buckle Company, Waterbury, Conn. Belt buckle. 97,940; Dec. 24.
- Law, Harold W., San Francisco, Calif. Frozen confection or similar article. 96,614; Aug. 20.
- Lawrence, Benjamin E., Chicago, Ill. Clock case. 95,360; Apr. 23.
- Lawrence, Cecil H., Attleboro, Mass., assignor to Evans Case Company. Hand mirror or the like. 97,296; Oct. 22.
- Lawson, William L., Brooklyn, N. Y. Camera covering. 98,009; Dec. 31.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp shade. 95,518; May 7.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp shade. 95,519; May 7.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp shade. 95,520; May 7.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp shade. 95,521; May 7.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp base or similar article. 95,522; May 7.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp base or similar article. 95,523; May 7.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp base or similar article. 95,524; May 7.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp base or similar article. 95,525; May 7.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp shade. 96,920; Sept. 17.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp shade. 96,921; Sept. 17.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp shade. 96,922; Sept. 17.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp base or similar article. 96,991; Sept. 24.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp base or similar article. 96,992; Sept. 24.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp base or similar article. 97,011; Sept. 24.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp base or similar article. 97,012; Sept. 24.
- Lazenby, Robert S., Tampa, Fla. Footed tumbler or similar article. 97,013; Sept. 24.
- Leach, Walter R., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. Des. 94,498; Feb. 5.
- Leach, Walter R., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 95,849; June 4.
- Leach, Walter R., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 97,855; Dec. 17.
- Leaf, Sol S., assignor to Milko Cone & Baking Co., Inc., Chicago, Ill. Ice cream cone. Des. 94,499; Feb. 5.
- Leaf, Sol S., assignor to Milko Cone & Baking Co., Inc., Chicago, Ill. Ice cream cone. Des. 94,500; Feb. 5.
- Leahy, Daniel E., San Francisco, Calif. Razor blade holder. 97,138; Oct. 8.
- Lean, Connie, New York, N. Y. Box or similar container. 98,010; Dec. 31.
- Leary, Charles M., Gary, Ind. Cabinet. 96,322; July 23.
- Lebensfeld, Aaron, Brooklyn, N. Y. Bar back counter or similar article. 96,923; Sept. 17.
- Lebensfeld, Aaron, Brooklyn, N. Y. Bar back counter or similar article. 96,924; Sept. 17.
- Leber, Harry, assignor to The Cleveland Worsted Mills Company, Cleveland, Ohio. Woven fabric or similar article. 96,555; Aug. 13.
- Lebolt and Company. (See Le Bolt, Jack M. H., assignor.)
- Le Bolt, Jack M. H., assignor to Lebolt and Company, Chicago, Ill. Finger ring. 95,914; June 11.
- Le Borle, Louis G., Rochester, N. Y. Target. 95,517; May 7.
- LeClerc, Raymond, Glendale, assignor to Western Molded Products, Inc., Los Angeles, Calif. Battery box. 95,971; June 18.
- Lederer, Alphonse J., Providence, R. I. Combined cigarette case and match pack holder. Des. 94,977; Mar. 26.
- Lee, Frederick S., Los Angeles, Calif. Eyeshade. 97,489; Nov. 12.
- Lee, Grace F., New York, assignor to J. P. Warren, Brooklyn, N. Y. Badge or similar article. Des. 94,843; Mar. 12.
- Lee, Martin L., Brooklyn, N. Y. Traveling bag. 95,138; Apr. 9.
- Lees, Kenneth F., assignor to The Olympic Industrial Corporation, New York, N. Y. Electric knife sharpener. Des. 94,844; Mar. 12.
- Lees, Kenneth F., assignor to The Olympic Industrial Corporation, New York, N. Y. Electric razor blade sharpener. Des. 94,845; Mar. 12.
- Lehman, George W., assignor to Ohio Valley Advertising Corporation, Wheeling, W. Va. Signboard or similar article. 97,556; Nov. 19.

- Lehman, Harry, Brooklyn, N. Y. Coffee percolator. Des. 94,501; Feb. 5.
- Leibo, Victor, Ridgefield Park, N. J. Collapsible play yard. 95,435; Apr. 30.
- Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,760; May 28.
- Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 95,761; May 28.
- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Beverage dispenser. 95,762; May 28.
- Leisen, Frederic A., Detroit, Mich. Cooking stove. 95,436; Apr. 30.
- Lelong, Lucien, Inc. (See Lelong, Lucien, assignor.)
- Lelong, Lucien, Inc. (See Stein, Joseph S., assignor.)
- Lelong, Lucien, Paris, France, assignor to Lucien Lelong, Inc., Chicago, Ill. Perfume container or similar article. 96,615; Aug. 20.
- Lelong, Lucien, Paris, France, assignor to Lucien Lelong, Inc., Chicago, Ill. Perfume bottle or similar article. 97,332; Oct. 29.
- Lending, Isidore, New Bedford, Mass., assignor to Sol Mutterperl, Inc., New York, N. Y. Hand bag. 96,681; Aug. 27.
- Lending, Isidore, New Bedford, Mass., assignor to Sol Mutterperl, Inc., New York, N. Y. Hand bag. 96,682; Aug. 27.
- Lending, Isidore, New Bedford, Mass., assignor to Sol Mutterperl, Inc., New York, N. Y. Hand bag. 96,683; Aug. 27.
- Lending, Isidore, assignor to Sol Mutterperl, Inc., New Bedford, Mass. Hand bag. 96,684; Aug. 27.
- Lending, Isidore, assignor to Sol Mutterperl, Inc., New Bedford, Mass. Hand bag. 96,685; Aug. 27.
- Lending, Isidore, New Bedford, Mass., assignor to Sol Mutterperl, Inc., New York, N. Y. Hand bag. 96,767; Sept. 3.
- Lentheric Incorporated. (See Canaday, Wilbur D., assignor.)
- Lentheric Incorporated. (See Canaday, W. D., and Brown, assignors.)
- Lentheric Incorporated. (See Gage, Charles S., assignor.)
- Lentheric Incorporated. (See Gage, C. S., and Canaday, assignors.)
- Lentheric Incorporated. (See Horter, G., and Brown, assignors.)
- Lentheric Incorporated. (See McIntosh, Frank, assignor.)
- Lentheric Incorporated. (See Tricard, René, assignor.)
- Le Roy, Harry J., Hammond, Ind. Score card. 96,686; Aug. 27.
- Lesnik, Seymour J., Newark, N. J., assignor to American Record Corporation, New York, N. Y. Buckle slide. 95,526; May 7.
- Lester, Howard W., assignor to Fitchburg Paper Company, Fitchburg, Mass. Cover paper or the like. 97,817; Dec. 10.
- Lester, Robert A., West Orange, N. J. Clip for necktie knots. 97,353; Oct. 29.
- Lester Piano Company. (See Miller, George L., assignor.)
- Levett, Walker M., New York, N. Y. Toilet paper holder. 97,398; Nov. 5.
- Levett, Walker M., New York, N. Y. Bathroom bracket. 97,941; Dec. 24.
- Levin, David, New York, N. Y. Shoe. Des. 94,430; Jan. 29.
- Levin, David, New York, N. Y. Shoe. Des. 94,431; Jan. 29.
- Levin, David, New York, N. Y. Shoe. Des. 95,049; Apr. 2.
- Levin, David, New York, assignor to D. Armstrong & Company, Inc., Rochester, N. Y. Shoe. Des. 95,050; Apr. 2.
- Levin, David, New York, N. Y. Shoe. 95,183; Apr. 16.
- Levin, David, New York, N. Y. Buckle. 95,273; Apr. 16.
- Levin, David, New York, N. Y. Shoe. 95,361; Apr. 23.
- Levin, David, New York, N. Y. Shoe. 95,362; Apr. 23.
- Levin, David, New York, N. Y. Shoe. 95,437; Apr. 30.
- Levin, David, New York, N. Y. Shoe. 95,438; Apr. 30.
- Levin, David, New York, N. Y. Shoe. 95,527; May 7.
- Levin, David, New York, N. Y. Shoe. 95,693; May 21.
- Levin, David, New York, N. Y. Shoe buckle. 97,492; Nov. 12.
- Levin, David, New York, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. 97,490; Nov. 12.
- Levin, David, New York, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. 97,491; Nov. 12.
- Levin, David, New York, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. 97,608; Nov. 26.
- Levin, David, New York, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. 97,609; Nov. 26.
- Levin, David, New York, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. 97,610; Nov. 26.
- Levin, David, New York, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. 97,682; Dec. 3.
- Levin, David, New York, N. Y. Buckle. 97,942; Dec. 24.
- Levin, Jacob. (See Root, A. S., and Levin.)
- Levine, Jacob, New York, N. Y. Shoe. Des. 94,274; Jan. 8.
- Levine, Jacob, New York, N. Y. Shoe. Des. 94,275; Jan. 8.
- Levine, Samuel, New York, N. Y. Textile fabric. 97,493; Nov. 12.
- Levy, Joseph, New York, N. Y. Light Projector or Similar Article. 95,274; Apr. 16.
- Levy, Leo, Woodmere, N. Y. Blouse or the like. 95,363; Apr. 23.
- Levy, Yetta, New York, N. Y. Dress. 97,297; Oct. 22.
- Levy, Yetta, New York, N. Y. Dress. 97,943; Dec. 24.
- Levy, Yetta, New York, N. Y. Dress. 98,011; Dec. 31.
- Lewis, David, New York, N. Y. Purse. 96,768; Sept. 3.
- Lewis, Florence N., New York, N. Y. Bottle. 95,596; May 14.
- Lewis, Florence N., New York, N. Y. Pocketbook. 95,694; May 21.
- Lewis, Florence N., New York, N. Y. Vanity case. 96,125; July 2.
- Lewis, Morgan J., Philadelphia, Pa. Ash tray. Des. 94,613; Feb. 19.
- Lewis, Morgan J., Philadelphia, Pa. Ash tray. Des. 94,978; Mar. 26.
- Lewis, Morgan J., Philadelphia, Pa. Ash tray. Des. 95,051; Apr. 2.
- Lewis, Rosemarie, Los Angeles, Calif. Vaginal syringe nozzle. 95,763; May 28.
- Lewis, Florence N., New York, N. Y. Hand bag. 97,197; Oct. 15.
- Lewis, Florence N., New York, N. Y. Bottle. 97,399; Nov. 5.
- Lewis, Florence N., New York, N. Y. Bottle. 97,400; Nov. 5.
- Lewis, Florence N., New York, N. Y. Bottle. 98,040; Dec. 31.
- Ley, Esther B., Akron, Ohio. Doll. 96,769; Sept. 3.
- Libbey Glass Manufacturing Company, The. (See Deskey, Donald, assignor.)
- Liberty Lace and Netting Works. (See Bloch, Richard, assignor.)
- Liberty Lace and Netting Works. (See Moosherr, John, assignor.)
- Libou, Samuel, assignor to Eastern Trimming & Cord Co., Inc., New York, N. Y. Curtain. 95,695; May 21.
- Libou, Samuel, assignor to Eastern Trimming & Cord Co., Inc., New York, N. Y. Curtain. 95,696; May 21.
- Lidsky, Louis. (See Morse, G. P., and Lidsky.)
- Lieber, Herman, Woodside, N. Y. Shoe. 95,528; May 7.
- Lien, Jean L., assignor to A. W. Baylis Co., New York, N. Y. Textile fabric or similar article. 95,764; May 28.
- Lien, Jean L., assignor to A. W. Baylis Co., New York, N. Y. Textile fabric or similar article. 96,925; Sept. 17.
- Lien, Jean L., assignor to A. W. Baylis Co., New York, N. Y. Textile fabric or similar article. 96,993; Sept. 24.
- Lifschutz, Henry, New York, N. Y. Shoe. Des. 94,846; Mar. 12.
- Lifton, Aaron, et al. (See Lifton, Maurice, assignor.)
- Lifton, Benjamin, et al. (See Lifton, Maurice, assignor.)
- Lifton Mfg. Co. (See Lifton, Maurice, assignor.)
- Lifton, Maurice, Belle Harbor, assignor to Aaron Lifton and Benjamin Lifton, as copartners, constituting the firm of The Lifton Mfg. Co., New York, N. Y. Musical instrument case. 95,439; Apr. 30.
- Lifton, Maurice, Belle Harbor, Long Island, assignor to Lifton Mfg. Co., New York, N. Y. Musical instrument case. 96,556; Aug. 13.
- Lightoller Company. (See Blitzer, Jacob H., assignor.)
- Limoges China Company, The. (See Schreckengost, Viktor, assignor.)
- Lincoln Manufacturing Company. (See Kolodzey, Erwin B., assignor.)
- Lindemann, Joseph S., assignor to Maison Joubert, Inc., New York, N. Y. Toilet accessory container. 96,192; July 9.
- Lindemann, Joseph S., assignor to Maison Joubert, Inc., New York, N. Y. Bottle cap. 96,926; Sept. 17.
- Lindenbaum, Seymour, New York, N. Y. Lace. 97,234; Oct. 15.
- Lindenbaum, Seymour, New York, N. Y. Lace. 97,235; Oct. 15.
- Lindsay Ganley Company, The. (See Lindsay, Lynn G., assignor.)
- Lindsay, Lynn G., Minneapolis, assignor to The Lindsay Ganley Company, Incorporated, St. Paul, Minn. Pump assembly. 95,972; June 18.
- Lindstrom, George D., and E. North, Rockford, assignors to National Lock Co., Rockford, Ill. Door handle. 95,529; May 7.
- Linn, Robert E., assignor to T. J. McCormick, Detroit, Mich. Inhalant device. Des. 94,699; Feb. 26.
- Lipman, Samuel, New York, N. Y. Suit. 97,298; Oct. 22.
- Lipps, Morris, Brooklyn, N. Y. Studio couch. Des. 94,228; Jan. 1.
- Liska, William F., assignor to Holland Brass Works, Incorporated, Chicago, Ill. Prie dieu. 96,193; July 9.
- Lisner, D., & Co. (See Ganz, Paul H.)
- Lister, Arnold A., and W. Hagen, Brooklyn, N. Y. Font of type. 96,323; July 23.
- Little, Jesse, Warwick, assignor to Davol Rubber Company, Providence, R. I. Nipple. Des. 94,700; Feb. 26.
- Littleford, George, Cincinnati, Ohio. Safety zone column. 96,126; July 2.
- Litvack, Frank. (See Weldner, Willy, assignor.)
- Livar, Allen P., Bronxville, assignor to Richmond Radiator Company, Incorporated, New York, N. Y. Heat exchanger. 97,333; Oct. 29.
- Livingston, Robert T., New York, N. Y. Statuette or similar article. 96,616; Aug. 20.

- Lloyd, Howard R., Akron, Ohio. United Rubber Worker's Federal Labor Union badge or similar article. Des. 94,311; Jan. 8.
- Lobel, Paul A., New York, N. Y. Dispenser for cups or the like. 95,597; May 14.
- Lobel, Rudolph, New York, N. Y. Combination muff and hand bag. 97,236; Oct. 15.
- Lobel, Rudolph, New York, N. Y. Combined muff and hand bag. 97,237; Oct. 15.
- Lobel, Rudolph, New York, N. Y. Combined muff and hand bag or similar article. 97,238; Oct. 15.
- Lobel, Rudolph, New York, N. Y. Combined muff and hand bag. 97,354; Oct. 29.
- Lobel, Samuel, New York, N. Y. House coat. 96,399; July 30.
- Lobl, Frederick, Middleboro, Mass. Nasal inhaler. 95,850; June 4.
- Lobl, Frederick, Middleboro, Mass. Switch casing. 95,851; June 4.
- Locher, Robert E., Stapleton, Staten Island, N. Y., assignor to Rogers, Lunt & Bowlen Company, Greenfield, Mass. Spoon or similar article. Des. 94,229; Jan. 1.
- Loeb, Herman K., New York, N. Y. Blouse. 95,364; Apr. 23.
- Loeb, Herman K., New York, N. Y. Blouse. 95,365; Apr. 23.
- Loewe, Franz J., University City, Mo. Merchandise-Display container. 97,557; Nov. 19.
- Loewy, Raymond, New York, N. Y., assignor to Sears, Roebuck and Co., Chicago, Ill. Radiator. 96,485; Aug. 6.
- Loewy, Raymond, New York, N. Y., assignor to Sears, Roebuck and Co., Chicago, Ill. Radiator. 96,486; Aug. 6.
- Loewy, Raymond, New York, N. Y., assignor to Sears, Roebuck and Co., Chicago, Ill. Radiator. 96,487; Aug. 6.
- Loewy, Raymond, New York, N. Y., assignor to Sears, Roebuck and Co., Chicago, Ill. Radiator. 96,488; Aug. 6.
- Long, Herbert J., assignor to United American Bosch Corporation, Springfield, Mass. Water heater. 97,944; Dec. 24.
- Long, Howard S., Swissvale, Pa. Combination smoking set. 96,263; July 16.
- Lord, Oswald B., New York, N. Y. Backgammon game board. 97,078; Oct. 1.
- Lorentzen, Hans K., New York, N. Y. Tassel for pull cords. 96,489; Aug. 6.
- Lorentzen, Hans K., New York, N. Y. Tassel for pull cords. 96,770; Sept. 3.
- Lorenz, William. (See Hoban, Fairfield W., assignor.)
- Lorenzen, Arnold I., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 97,611; Nov. 26.
- Lorenzen, Arnold I., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jar. 97,774; Dec. 10.
- Lorman, Philip, New York, N. Y. Shoe. 96,617; Aug. 20.
- Lorman, Philip, New York, N. Y. Shoe. 96,927; Sept. 17.
- Louis, Irving, Brooklyn, N. Y. Sweater. 97,334; Oct. 29.
- Love, Albert G., Taft, Calif. Signal sign. 96,400; July 30.
- Love, Albert G., Taft, Calif. Bus signal sign. 97,437; Nov. 5.
- Love, Albert G., Taft, Calif. Auto signal sign. 97,438; Nov. 5.
- Lovejoy, Fred C., St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe heel. Des. 95,052; Apr. 2.
- Lovejoy, Fred C., St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe heel. Des. 95,053; Apr. 2.
- Lovejoy, Fred C., St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe heel. Des. 95,054; Apr. 2.
- Lovejoy, Fred C., St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe heel. 96,043; June 25.
- Lown Shoe Company. (See Grossman, Nicholas J., assignor.)
- Lyons, E. G., & Raas Company. (See Switzer, George, assignor.)
- Lyons-Magnue, Incorporated. (See Switzer, George, assignor.)
- Lucchesi, Salvatore, Bronx, N. Y. Neon shrine crucifix. 96,757; Aug. 13.
- Lucke, Norman F., Carleton, Mich., assignor to S. Decker, Chicago, Ill. Confection with supporting stick. Des. 94,770; Mar. 5.
- Ludwig, Louis, Brooklyn, N. Y. Electric lamp base. 96,558; Aug. 13.
- Lum, George R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mounting for a hand telephone. 95,598; May 14.
- Lum, George R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Desk stand for a hand telephone. 95,765; May 28.
- Lum, George R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Hand telephone. 95,915; June 11.
- Lungren, Arthur N., Evanston, Ill. Drinking-glass holder. 96,401; July 30.
- Lupfer, Robert N., and L. A. Mueller, assignors to The Springfield Leather Products Company, Springfield, Ohio. Billfold. 96,490; Aug. 6.
- Lupfer, Robert N., and L. A. Mueller, assignors to The Springfield Leather Products Company, Springfield, Ohio. Billfold. 96,491; Aug. 6.
- Lustig, Walter R., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Hinge. 96,264; July 16.
- Lustig, Walter R., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Hinge. 96,265; July 16.
- Lutes, Cecil C., Bellingham, Wash. Game board or similar article. 96,492; Aug. 6.
- Lutz, Albert W., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe. 96,324; July 23.
- Lutz, Albert W., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe. 96,687; Aug. 27.
- Lutz, Albert W., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe. 97,945; Dec. 24.
- Lux, Eugene J., New York, N. Y., assignor to Warren Telechron Company. Clock case. 97,494; Nov. 12.
- Lux, Eugene J., New York, N. Y., assignor to Warren Telechron Company. Clock case. 97,775; Dec. 10.
- Lux, Herman F., assignor to The Lux Clock Manufacturing Company, Inc., Waterbury, Conn. Combined Clock Case and Dial. 95,184; Apr. 16.
- Lux Clock Manufacturing Company, The. (See Lux, Herman F., assignor.)
- Lyman Gun Sight Corporation, The. (See Hageman, Chester W., assignor.)
- Lyon, George A., Allenhurst, N. J. Wheel disk or similar article. 96,325; July 23.
- Lyon, George A., Allenhurst, N. J. Wheel disk or similar article. 96,326; July 23.
- Lyon, George A., Allenhurst, N. J. Wheel or similar article. 96,327; July 23.
- Lyon, George A., Allenhurst, N. J. Combined wheel disk and hub cap, or similar article. 96,328; July 23.
- Lyon, George A., Allenhurst, N. J. Wheel disk or similar article. 96,329; July 23.
- Lyon, George A., Allenhurst, N. J. Wheel or similar article. 97,856; Dec. 17.
- Lyon Metal Products, Incorporated. (See Bales, James E., assignor.)
- Lyttle, Harry D., New York, N. Y. Dress. Des. 94,979; Mar. 26.
- Lyttle, Harry D., New York, N. Y. Dress. Des. 94,980; Mar. 26.
- Mabey, Charles W., Indianapolis, Ind. Hot tamale steamer or similar article. Des. 94,614; Feb. 19.
- Macak, Joseph, Chicago, Ill. Radiocabinet. 97,857; Dec. 17.
- MacCowan, Hervey L., assignor to The Dole Valve Company, Chicago, Ill. Air valve. 97,858; Dec. 17.
- MacDonald, George F., Great Neck, N. Y., assignor to Richfield Oil Corporation of New York, New York, N. Y. Automobile broadcasting truck. Des. 95,055; Apr. 2.
- MacGregor Instrument Company. (See Son, Anthony J., assignor.)
- Mackelfresh, William E., Jr., assignor to The Robert Britigan Corporation, Chicago, Ill. Inventory calculating machine. 96,402; July 30.
- Mackey, Wallace B., Upper Montclair, N. J. Shoe or similar article. 97,613; Nov. 26.
- Mackintosh, Frederick, Bristol, R. I., assignor to Gehring Solomon & Birnbaum, Inc., New York, N. Y. Lace. 95,530; May 7.
- Macklanburg, Louis A., Oklahoma City, Okla. Door plate or the like. 95,440; Apr. 30.
- MacLeod, Elizabeth S., Cranford, N. J. Infant's hand guard. Des. 95,056; Apr. 2.
- Madvig, Gunnar, Alameda, Calif. Holder for shakers or the like. 97,079; Oct. 1.
- Madvig, Gunnar, Alameda, Calif. Flower holder or similar article. 97,495; Nov. 12.
- Madvig, Gunnar, Alameda, Calif. Flower holder or similar article. 97,496; Nov. 12.
- Madvig, Gunnar, Alameda, Calif. Flower holder or similar article. 97,497; Nov. 12.
- Magee, Alonzo H., Westfield, N. J. Air valve. 96,844; Sept. 10.
- Magill, Clyde W., assignor to Fresno Brewing Company, Fresno, Calif. Fanciful figure or similar article. Des. 94,701; Feb. 26.
- Magro, Ralph, Jersey City, N. J. Clock. 97,776; Dec. 10.
- Maibach, John J., assignor to Davis & Catterall, New York, N. Y. Textile fabric or similar article. 95,531; May 7.
- Maiden Form Brassiere Company. (See Rosenthal, William, assignor.)
- Maison Joubert, Inc. (See Lindemann, Joseph S., assignor.)
- Maitland, Frank K., Hermosa Beach, Calif., assignor to F. C. McClellan, Chicago, Ill. Amusement game board. 95,852; June 4.
- Majewski, Joseph M., Jr., assignor to F. L. Talge, Kansas City, Mo., doing business as Rival Manufacturing Company. Fruit juice extractor. 98,012; Dec. 31.
- Malleable Iron Range Company. (See Hofferbert, Orrin, assignor.)
- Malleable Steel Range Manufacturing Company. (See Klute, Samuel, assignor.)
- Mallin, Solomon, Pittsburgh, Pa. Finger ring or similar article of jewelry. Des. 94,276; Jan. 8.
- Maloon, Earl B., assignor to The Heil Co., Milwaukee, Wis. Scraper. 97,558; Nov. 19.
- Manaster, Ben B., Chicago, Ill. Cravat holder. 97,883; Dec. 17.
- Manby, John, New York, N. Y. Sandal. 97,738; Dec. 3.

- Manchester Silver Company. (See Wightman, Thomas H., assignor.)
- Mandelbaum, Henry, New York, N. Y. Lady's Coat. 95,185; Apr. 16.
- Mandelbaum, Henry, New York, N. Y. Lady's Coat. 95,275; Apr. 16.
- Mann, Walter L., Phillipston, Mass. Game scoring device. 95,766; May 28.
- Manning, Bowman & Co. (See Ackerman, Arban J., assignor.)
- Manning, Bowman & Co. (See Farr, Edward A., assignor.)
- Manning, Fowler, Bronxville, assignor to American Radiator Company, New York, N. Y. Ventilator casing. 97,614; Nov. 26.
- Manning, Fowler, Bronxville, assignor to American Radiator Company, New York, N. Y. Ventilator casing. 97,646; Nov. 26.
- Mauzy, Thornton J., Kansas City, Mo. Base for a ring or similar article. 97,531; Nov. 19.
- Mantle Lamp Company of America, The. (See Davis, Cortland W., assignor.)
- Mantle Lamp Co. of America, The. (See Schwarz, Eugene, assignor.)
- Marathon Electric Manufacturing Corporation. (See Funk, James M., assignor.)
- Marathon Paper Mills Company. (See Broeren, Frank L., assignor.)
- Marathon Paper Mills Company. (See Horwitt, Paul H., assignor.)
- Marbette Corporation of America, Ltd. (See Waggoner, Ralph, assignor.)
- Marble, Herbert H., Rockville Centre, N. Y. Man's dress shirt or similar article. Des. 94,917; Mar. 19.
- Marco, Claude, Stockton, Calif. Combined shear and castrator. 96,845; Sept. 10.
- Marconetti, Arrigo E. (See Hiedemann, Hans, assignor.)
- Marder, Leo, Brooklyn, N. Y., assignor to Celluloid Corporation. Tray. 95,599; May 14.
- Margolin, Meyer, Elgin, Ill. Shoe. 97,401; Nov. 5.
- Margules, John, assignor to The Dalton Hat Co. Inc., Yonkers, N. Y. Hatbox or similar article. 96,130; July 2.
- Marienthal, Charles, Detroit, Mich. Wheel body. Des. 94,389; Jan. 22.
- Marino, Stephen. (See Kichu, K., and Marino.)
- Marion Steel Body Company, The. (See Grissinger, James L., assignor.)
- Markel, Maurice, New York, N. Y. Hand bag frame. 97,974; Dec. 24.
- Marks, Alexander, Chicago, Ill. Miniature bar. Des. 94,615; Feb. 19.
- Marks, John C., New York, N. Y. Sandal or similar article. 95,767; May 28.
- Marks, Maurice, New York, N. Y. Pillow or similar article. Des. 94,702; Feb. 26.
- Marlow, Frederick W. (See Peterkin, J. E., and Marlow.)
- Marquot, Charles M., Paris, France. Drinking glass. Des. 94,553; Feb. 12.
- Marsellus Casket Company. (See Hansen, Hans P., assignor.)
- Marshall Field & Company. (See Raventos, Enrique A., assignor.)
- Marshall Field & Company. (See Westlake, Edward G., assignor.)
- Marshall, James K. (See Soref, H. E., and Marshall.)
- Martin, Arthur E., Kent, Conn. Hydroplane. Des. 94,732; Mar. 5.
- Martin, Glenn L., Company, The. (See McCarty, L. C., Jr., and Helwig, assignors.)
- Martin, Jacob F., Bellevue, Ohio. Motor vehicle radiator shield. Des. 94,981; Mar. 26.
- Martin, Jacob F., Bellevue, Ohio. Automobile bumper. 97,946; Dec. 24.
- Martin, James V., Garden City, N. Y. Automobile. Des. 94,847; Mar. 12.
- Martin, Joseph, New York, assignor, by mesne assignments, to United Patents, Inc., Brooklyn, N. Y. Couch bed. 95,441; Apr. 30.
- Martin, Raymond H., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 96,330; July 23.
- Martin, Raymond H., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 96,331; July 23.
- Martin, Raymond H., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 96,332; July 23.
- Martin, Raymond H., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 97,080; Oct. 1.
- Martin, Raymond H., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 97,081; Oct. 1.
- Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Suction cleaner casing. 95,139; Apr. 9.
- Martinez, José A., Habana, Cuba. Spectacle frame. 97,947; Dec. 24.
- Marx, Louis, New York, N. Y. Pistol-like toy weapon. Des. 94,312; Jan. 8.
- Marx, Louis, New York, N. Y. Roller Skate. 95,208; Apr. 16.
- Marx, Louis, New York, N. Y. Roller skate. 95,442; Apr. 30.
- Marx, Louis, New York, N. Y. Toy locomotive. 95,768; May 28.
- Maryan, Harry O., Chicago, Ill. Colposcope or an analogous article. 96,194; July 9.
- Maryland Distillery Inc. (See Guild, Lurelle V., assignor.)
- Maryland Glass Corporation. (See Clevenger, Glen M., assignor.)
- Massuca, Frank J., East Orange, assignor to Sheffield Silver Co., Jersey City, N. J. Platter. 96,044; June 25.
- Master Lock Company. (See Soref, H. E., and Marshall, assignors.)
- Mathews, Edward F., Weymouth, Mass. Shoe. 97,948; Dec. 24.
- Matthews Manufacturing Company. (See Whitney, Edward E., assignor.)
- Matyas, Simon, New York, N. Y. Game device. Des. 94,918; Mar. 19.
- Maxant, William T., Ayer, Mass. Pinking machine. Des. 94,432; Jan. 29.
- Max-Factor & Co. (See Factor, Davis, assignor.)
- May Oil Burner Corporation. (See Dow, Bernard H., assignor.)
- May Oil Burner Corporation. (See Sandlas, Henry J., Jr., assignor.)
- May, Robert A., assignor to Duncan & Miller Glass Company, Washington, Pa. Article of glassware or similar article. 97,082; Oct. 1.
- Mayehoff, Delmar M., Norwalk, Conn. Blouse. 97,582; Nov. 19.
- Mayer, Albert C., assignor to The Glenshaw Glass Company, Glenshaw, Pa. Bottle. 96,267; July 16.
- Mayer, Albert C., assignor to The Glenshaw Glass Company, Glenshaw, Pa. Bottle. 96,268; July 16.
- Mayer China Company. (See Johnson, William T., assignor.)
- Mayer, William H., Jr., New York, N. Y. Textile fabric or similar article. 95,853; June 4.
- Maynard, Charles E., Northampton, Mass., assignor to The Fisk Rubber Corporation, Chicopee Falls, Mass. Tire. 95,916; June 11.
- Maytag Company, The. (See Bradt, Roy A., assignor.)
- Maytag Company, The. (See Rideout, John G., assignor.)
- McBride, Thomas F., Salem, W. Va. Lamp chimney. Des. 94,919; Mar. 19.
- McBrier, William K., Miami, Fla., assignor of one-half to F. S. Scott, Wilkesburg, Pa. Clothespin. 96,846; Sept. 10.
- McCabe, Ira E. (See Schanz, Lewis J., assignor.)
- McCandlish, Edward, Plymouth, Mich. Toy duck. 96,994; Sept. 24.
- McCann, Clyde D., Des Moines, Iowa. Lighting fixture. 95,917; June 11.
- McCann, Clyde D., Des Moines, Iowa. Lighting fixture. 95,918; June 11.
- McCann, Clyde D., Des Moines, Iowa. Surface supported lighting fixture. 95,973; June 18.
- McCann, Clyde D., Des Moines, Iowa. Surface supported lighting fixture. 95,974; June 18.
- McCarthy, Austin L., Syracuse, N. Y. Antiskid device for automobile tires. 97,164; Oct. 8.
- McCartney, Will C., Cambridge, Ohio. Goblet or similar article. 95,366; Apr. 23.
- McCarty, Lewis C., Jr., Towson, and D. M. Helwig, Baltimore, Md., assignors to The Glenn L. Martin Company, Baltimore, Md. Aircraft chair. 95,919; June 11.
- McCarty, Lewis C., Jr., Towson, and D. M. Helwig, assignors to The Glenn L. Martin Company, Baltimore, Md. Aircraft chair frame. 96,493; Aug. 6.
- McCarty, Lewis C., Jr., Towson, and D. M. Helwig, assignors to The Glenn L. Martin Company, Baltimore, Md. Bseat aircraft chair. 97,014; Sept. 24.
- McCarty, Lewis C., Jr., Towson, and D. M. Helwig, assignors to The Glenn L. Martin Company, Baltimore, Md. Triseat aircraft chair. 97,015; Sept. 24.
- McClellan, C. B. (See Gorton, Clyde B., assignor.)
- McClellan, Fred C. (See Maitland, Frank K., assignor.)
- McClellan, Fred C., Chicago, Ill. Amusement game cabinet. 95,697; May 21.
- McClintock, Elmer F. (See Cahill, J. J., and McClintock.)
- McClintock, William J., Jr. (See James, H. E., and McClintock, assignors.)
- McCormick, Thomas J. (See Linn, Robert E.)
- McCormick, William E., New York, N. Y. Combined lawn sprinkler and bird bath. 95,443; Apr. 30.
- McCoy, Pauline, Oakland, Calif. Bookstand. Des. 94,355; Jan. 15.
- McDonald, Harry R., assignor to Hart Glass Manufacturing Company, Dunkirk, Ind. Bottle or Similar Container. Des. 94,230; Jan. 1.
- McDonald, Thomas M., assignor to The Weber Dental Manufacturing Company, Canton, Ohio. Dental cabinet. 96,771; Sept. 3.
- McEntire, George H., Sterling City, Tex. Curtain retainer or similar article. 96,403; July 30.
- McEvoy, Andrew, Great Neck, N. Y. Tire. 97,083; Oct. 1.
- McFall, Thurlow E., Sparta, Mich. Trailer. 97,139; Oct. 8.
- McFall, Thurlow E., Sparta, Mich. Trailer. 97,140; Oct. 8.
- McFall, Thurlow E., Sparta, Mich. Trailer. 97,141; Oct. 8.
- McFall, Thurlow E., Sparta, Mich. Combined trailer and canopy. 97,239; Oct. 15.
- McGrail, William P., assignor to McLoughlin Manufacturing Company, New York, N. Y. Sweater-blouse. 96,404; July 30.
- McGrath, Francis W., assignor to The Barton Company, West Bend, Wis. Washing machine casing. Des. 94,503; Feb. 5.

- McGraw Electric Company. (See Worthington, Everett, assignor.)
- McGraw Electric Company. (See Worthington, E., and Ireland, assignors.)
- McGraw Electric Company. (See Worthington, E., and Williams, assignors.)
- McGuire, Daniel S., assignor to Beloit Dairy Co., Chicago, Ill. Milk truck. 97,084; Oct. 1.
- McIlvaine Burner Corporation. (See McIlvaine, J. H., and Hollman, assignors.)
- McIlvaine, John H., and P. I. Hollman, assignors to McIlvaine Burner Corporation, Chicago, Ill. Casing for oil burners. 96,559; Aug. 13.
- McIntosh, Charles O., Des Moines, Iowa. Permanent hair waving machine. 97,335; Oct. 29.
- McIntosh, Frank, assignor to Lenthic Incorporated, New York, N. Y. Display stand. Des. 94,504; Feb. 5.
- McIntosh, Frank, assignor to Lenthic Incorporated, New York, N. Y. Tube or Similar Container. 95,276; Apr. 16.
- McKay, Hunter, assignor to Boston Woven Hose and Rubber Company, Cambridge, Mass. Mat. Des. 94,433; Jan. 29.
- McKeon, Patrick, assignor to International Silver Company, Meriden, Conn. Sugar Bowl or Other Article of Hollow Ware. 95,277; Apr. 16.
- McLaughlin, Frank, Chicago, Ill., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. Des. 94,703; Feb. 26.
- McLaughlin, Frank, Chicago, Ill., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 95,854; June 4.
- McLaughlin, Frank, Chicago, Ill., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 97,198; Oct. 15.
- McLaughlin, James E., Penn Wynne, Pa., assignor to Salem Glass Works, Salem, N. J. Bottle or similar article. 96,266; July 16.
- McLaughlin, Nelson E., Larchmont, assignor to United States Rubber Products, Inc., New York, N. Y. Tire demonstrator. 97,739; Dec. 3.
- McLaughlin, Robert W., Jr., assignor to American Houses, Inc., New York, N. Y. Building. 97,402; Nov. 5.
- McLaughlin, Robert W., Jr., assignor to American Houses, Inc., New York, N. Y. Building. 97,403; Nov. 5.
- McLaughlin, Robert W., Jr., assignor to American Houses, Inc., New York, N. Y. Building. 97,404; Nov. 5.
- McLaughlin, Robert W., Jr., assignor to American Houses, Inc., New York, N. Y. Building. 97,405; Nov. 5.
- McLaughlin, Robert W., Jr., assignor to American Houses, Inc., New York, N. Y. Building. 97,406; Nov. 5.
- McLaughlin Manufacturing Company. (See McGrail, William P., assignor.)
- McMahan, Wiley C., Heflin, Ala. Draft yoke. 96,847; Sept. 10.
- McMahon, Edward J., assignor to Bronson Reel Company, Bronson, Mich. Reel. Des. 94,277; Jan. 8.
- McQuinn, Emmett G., Newcastle, and W. J. Conwell, Elwood, assignors of one-half to The Hoosier Manufacturing Company, Newcastle, and one-half to G. I. Sellers & Sons Company, Elwood, Ind. Cabinet. Des. 94,616; Feb. 19.
- McNamara, Walter W., Visalia, Calif. Merchandising cabinet. 96,560; Aug. 13.
- Mead, Howard C., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Lamp closure. 96,131; July 2.
- Measuregraph Company, The. (See Rosborough, George S., assignor.)
- Meehan, John P., Los Angeles, Calif. Textile fabric. 97,859; Dec. 17.
- Meier, William G., Mamaroneck, N. Y. Embroidered textile fabric or the like. 97,860; Dec. 17.
- Meier, William G., Mamaroneck, N. Y. Embroidered textile fabric or the like. 97,884; Dec. 17.
- Mellner, Joseph, West Orange, N. J., assignor to Eagle Pencil Company, New York, N. Y. Eraser. 95,769; May 28.
- Mello Chime and Signal Corporation, The. (See Bergeron, Lawrence G., assignor.)
- Mellon, George R., Kansas City, Mo. Child's vehicle. 95,770; May 28.
- Meltzer, Isidor, New York, N. Y. Dress. Des. 94,505; Feb. 5.
- Menard, Omer A., New York, assignor to S. W. Farber, Inc., Brooklyn, N. Y. Cocktail shaker. 97,949; Dec. 24.
- Menard, Omer A., New York, assignor to S. W. Farber, Inc., Brooklyn, N. Y. Handle for a cocktail shaker or similar article. 97,950; Dec. 24.
- Meng, Arthur, Cleveland, Ohio. Electric hand mirror. 97,085; Oct. 1.
- Menger, Edward W., San Antonio, Tex. Wall bracket for mounting horns. 96,848; Sept. 10.
- Mengle, Glenn A., Brockway, Pa., assignor to Wizard, Inc., Chicago, Ill. Bottle. Des. 94,231; Jan. 1.
- Merdan, Alexander, New York, N. Y. Insect trap. Des. 94,771; Mar. 5.
- Merrigan, William J., assignor to Herberts Machinery Company, Ltd., Los Angeles, Calif. Bench saw. 95,600; May 14.
- Merriam, Charles J., Winnetka, Ill. Lighted electric razor. 97,777; Dec. 10.
- Merrigan, William J., assignor to Herberts Machinery Co., Ltd., Los Angeles, Calif. Band saw. 95,601; May 14.
- Merrigan, William J., assignor to Herberts Machinery Co., Ltd., Los Angeles, Calif. Jig saw. 95,602; May 14.
- Merrill, Walter A., Los Angeles, Calif. Game board. 98,013; Dec. 31.
- Mershon, Harry, New York, N. Y. Alphabet for forming monograms or the like. Des. 95,057; Apr. 2.
- Mescon, Morris, Bronx, and O. W. Doctor, New York, N. Y. Statuette. Des. 94,617; Feb. 19.
- Mescon, Morris, and O. W. Doctor, New York, N. Y. Ash stand. Des. 94,982; Mar. 26.
- Metlox Manufacturing Company. (See Prouty, Willis O., assignor.)
- Metropolitan Lamp Co., The. (See Thau, Sam, assignor.)
- Mexia, Fortunato. (See Aviles, Alfonso E., assignor.)
- Meyer, Albert C., Glenshaw, Pa. Bottle. 96,045; June 25.
- Meyer, Emanuel M., New York, N. Y. Shoe. 97,532; Nov. 19.
- Meyer, John F. (See Simpkins, Carl R., assignor.)
- Meyer, Joseph, New York, N. Y. Curtain fabric. 97,199; Oct. 15.
- Meyer, Max C., Brooklyn, N. Y. Knitting ball carrier or similar article. 96,618; Aug. 20.
- Meyer, Samuel, New York, N. Y. Shoe. 95,855; June 4.
- Meyer, Samuel, New York, N. Y. Shoe or similar article. 96,995; Sept. 24.
- Meyers, Wallace E., New York, N. Y. Glove. 97,885; Dec. 17.
- Meyers, Wallace E., New York, N. Y. Glove. 97,886; Dec. 17.
- Michel, Maksik and Feldman, Inc. (See Herman, Samuel, assignor.)
- Michelin & Cie. (See Bourdon, Pierre M., assignor.)
- Michelson, Morris, Laurelton, Long Island, N. Y. Top. 96,619; Aug. 20.
- Middlebury Electric Clock Corporation. (See Borgfeldt, Frederic R., assignor.)
- Midwest Radio Corporation. (See Hoffman, Alfred G., assignor.)
- Miedel, Russell J., Oakland, Calif., assignor to Hazel Atlas Glass Company, Wheeling, W. Va. Bottle. Des. 94,618; Feb. 19.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Range finder casing. 97,299; Oct. 22.
- Milbach, Fred, New York, N. Y. Bottle stopper. 96,269; July 16.
- Millus Shoe Company. (See Walsh, John J., assignor.)
- Milko Cone & Baking Co. (See Leaf, Sol S., assignor.)
- Miller, Arthur A., Sellingsgrove, Pa. Apparel rack. Des. 94,554; Feb. 12.
- Miller, Charles, New York, N. Y. Shoe. Des. 94,434; Jan. 29.
- Miller, Charles, New York, N. Y. Shoe. Des. 94,435; Jan. 29.
- Miller, Charles, New York, N. Y. Shoe. Des. 94,506; Feb. 5.
- Miller, Charles, New York, N. Y. Shoe. Des. 94,507; Feb. 5.
- Miller, Charles, New York, N. Y. Shoe or similar article. 95,856; June 4.
- Miller, Charles, New York, N. Y. Shoe or similar article. 95,857; June 4.
- Miller, Charles, New York, N. Y. Shoe or similar article. 95,858; June 4.
- Miller, Charles E., Monroe, Wis. Plant stand. Des. 94,704; Feb. 26.
- Miller, Frank R., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Grille. Des. 94,232; Jan. 1.
- Miller, Frank R., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Grill. Des. 94,508; Feb. 5.
- Miller, Frank R., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Grill. Des. 94,509; Feb. 5.
- Miller, George L., Decatur, Ill. Metal shade. 96,270; July 16.
- Miller, George L., Philadelphia, Pa., assignor to Lester Piano Company, Piano. 96,996; Sept. 24.
- Miller, George L., Philadelphia, Pa., assignor to Lester Piano Company, Piano. 96,997; Sept. 24.
- Miller, John M., and G. F. Fenton, assignors to The Progressive Ring Company, Providence, R. I. Bracelet or similar article of jewelry. 95,771; May 28.
- Miller, Marley O., Brazil, Ind. Sewing cabinet. 97,427; Nov. 5.
- Miller, Walter C., assignor to Quaker Lace Company, Incorporated, Philadelphia, Pa. Lace tablecloth. 95,975; June 18.
- Miller, Walter C., assignor to Quaker Lace Company, Incorporated, Philadelphia, Pa. Lace tablecloth. 95,976; June 18.
- Miller, Wilbur, Lima, and I. I. Swallow, near Lima, Ohio. Liquid pump. 97,647; Nov. 26.
- Millermaster, Ralph A., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Cover for an electric switch casing or the like. 96,333; July 23.
- Milliken, Edith N., Wellesley, Mass., assignor to Nashua Manufacturing Company, Boston, Mass. Pillow case or similar article. 97,439; Nov. 5.
- Milliken, Vincent D., St. Joseph, Mich. Adjustable mirror frame and support therefor. 95,698; May 21.
- Millington, William, assignor to Baker Furniture Factories, Inc., Grand Rapids, Mich. Supporting base. 97,142; Oct. 8.
- Mills, Edna C., Des Moines, Iowa. Teapot. 95,278; Apr. 16.
- Mills, Hubert E. (See Perkins, E. H., and Mills.)
- Mills, Robert G., Winnetka, Ill. Scalp lotion atomizer or similar device. 96,928; Sept. 17.

- Milwaukee Gas Specialty Company. (See Leins, Oscar J., assignor.)
- Mimura, Shigeyuki Westfield, N. J. Lantern globe. 95,444; Apr. 30.
- Mimura, Shigeyuki, Westfield, N. J. Lantern globe. 95,445; Apr. 30.
- Minard, Herbert H., Wichita, Kans. Broiler. 95,859; June 4.
- Minneapolis-Honeywell Regulator Company. (See Dreyfuss, Henry, assignor.)
- Minshall, Robert J., assignor to Boeing Aircraft Company, Seattle, Wash. Bombing airplane. 97,355; Oct. 29.
- Mintz, Abraham, Madison, Wis. Combination desk and chair. 97,086; Oct. 1.
- Mission Dry Corporation. (See Ahrens, Clyde W., assignor.)
- Mitchell, Henry W., assignor to E. A. Stromberg, Chicago, Ill. Indicating instrument. 97,818; Dec. 10.
- Mittelman, Benjamin E., assignor to Ruttenberg & Co., Chicago, Ill. Game cabinet. Des. 94,555; Feb. 12.
- Modern Curtain Co. Inc. (See Gutlon, Sidney S., assignor.)
- Moeller, William A., Los Angeles, Calif. Stand for a hammock or similar article. 97,300; Oct. 22.
- Moffat, James M., assignor to Moffats Limited, Weston, Ontario, Canada. Stove cabinet or similar article. Des. 94,510; Feb. 5.
- Moffats Limited. (See Moffat, James M., assignor.)
- Moir, Vincent J. (See Stanley, H., and Moir.)
- Moll, Jens J., and W. C. Chapman, Chicago, Ill. Rug. 96,046; June 25.
- Moloney, Raymond T. (See Breitenstein, Herbert G., assignor.)
- Moloney, Raymond T. (See Gast, George A., assignor.)
- Molter, Wm. H., Company. (See Wallis, Zella, assignor.)
- Monarch Manufacturing Works, Inc. (See Frame, Edgar B., assignor.)
- Monarch Manufacturing Works, Inc. (See Murphy, Thomas W., assignor.)
- Mondi, James V., Chicago, Ill. Decanter type bottle. 95,772; May 28.
- Mondschein, Morris, Brooklyn, N. Y. Dress. 96,688; Aug. 27.
- Mondschein, Morris, Brooklyn, N. Y. Dress. 96,929; Sept. 17.
- Mondschein, Morris, Brooklyn, N. Y. Dress. 96,930; Sept. 17.
- Monowatt Electric Corporation, The. (See Benander, George B., assignor.)
- Montgomery Ward & Co. (See Chapman, Fredrick D., assignor.)
- Montgomery Ward & Co. (See Knapp, Leland G., assignor.)
- Montgomery Ward & Co. (See Sayre, Judson S., assignor.)
- Montgomery Ward & Co. (See Stentiford, Henry J., assignor.)
- Montgomery Ward & Co. (See Underwood, John A., assignor.)
- Moore Corporation, The. (See Heidebreder, Herman H., assignor.)
- Moorman, Albert S., New York, N. Y. Pin board game device. 95,920; June 11.
- Moorman, Charles L., Blue Island, Ill. Traffic marker. 96,271; July 16.
- Moosher, John, assignor to Liberty Lace and Netting Works, New York, N. Y. Lace. Des. 94,848; Mar. 12.
- Morali, Charles, New York, N. Y. Shoe. 97,087; Oct. 1.
- Morali, Charles, New York, N. Y. Shoe. 97,088; Oct. 1.
- Morali, Charles, New York, N. Y. Shoe. 97,407; Nov. 5.
- Morali, Charles, Forest Hills, N. Y., assignor to Delman, Inc., New York, N. Y. Shoe. 95,367; Apr. 23.
- Morali, Charles, Forest Hills, N. Y., assignor to Delman, Inc., New York, N. Y. Shoe. 95,368; Apr. 23.
- Morali, Charles, Forest Hills, N. Y., assignor to Delman, Inc., New York, N. Y. Shoe. 95,369; Apr. 23.
- Morali, Charles, Forest Hills, N. Y., assignor to Delman, Inc., New York, N. Y. Shoe. 95,370; Apr. 23.
- Morali, Charles, Forest Hills, N. Y., assignor to Delman, Inc., New York, N. Y. Shoe. 95,371; Apr. 23.
- Morali, Charles, Forest Hills, N. Y., assignor to Delman, Inc., New York, N. Y. Shoe. 95,372; Apr. 23.
- Morali, Charles, Forest Hills, N. Y., assignor to Delman, Inc., New York, N. Y. Shoe. 95,373; Apr. 23.
- Morali, Charles, Forest Hills, assignor to Delman, Inc., New York, N. Y. Shoe. 95,532; May 7.
- Morali, Charles, Forest Hills, assignor to Delman, Inc., New York, N. Y. Shoe. 96,620; Aug. 20.
- Morali, Charles, Forest Hills, assignor to Delman, Inc., New York, N. Y. Shoe. 97,200; Oct. 15.
- Morali, Charles, Forest Hills, assignor to Delman, Inc., New York, N. Y. Shoe. 97,201; Oct. 15.
- Morali, Charles, Forest Hills, assignor to Delman, Inc., New York, N. Y. Shoe. 97,498; Nov. 12.
- Morali, Charles, Forest Hills, assignor to Delman, Inc., New York, N. Y. Shoe. 97,499; Nov. 12.
- Moray, Virgil W., New York, N. Y. Heating coil. 95,533; May 7.
- Morgan, John R. (See Humer, F., and Morgan.)
- Morgan, John R., Oak Park, Ill., assignor to Sears, Roebuck & Company, Chicago, Ill. Water Closet. 95,209; Apr. 16.
- Morgan, John R., Oak Park, Ill., assignor to Sears, Roebuck & Company, Chicago, Ill. Water Closet. 95,210; Apr. 16.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck & Company, Chicago, Ill. Bathtub. 95,375; Apr. 23.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck & Company, Chicago, Ill. Bathtub. 95,376; Apr. 23.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck & Company, Chicago, Ill. Lavatory. 95,377; Apr. 23.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck & Company, Chicago, Ill. Lavatory. 95,378; Apr. 23.
- Morgan, John R., Oak Park, assignor to Birtman Electric Company, Chicago, Ill. Casing for vacuum cleaners. 95,603; May 14.
- Morgan, John R., Oak Park, assignor to Birtman Electric Company, Chicago, Ill. Casing for vacuum cleaners. 95,604; May 14.
- Morgan, John R., assignor to General Motors Corporation, Detroit, Mich. Automobile or similar article. 95,374; Apr. 23.
- Morgan, John R., Oak Park, Ill., assignor to The Westfield Manufacturing Company, Westfield, Mass. Bicycle. 96,772; Sept. 3.
- Morgan, John R., Chicago, Ill., and J. S. Coldwell, assignors to Globe-Union Mfg. Co., Milwaukee, Wis. Roller skate. 95,773; May 28.
- Morgantown Glass Works. (See Dougherty, George, assignor.)
- Morgantown Glass Works. (See Funrock, John G., assignor.)
- Morgenstern, Charles E., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Wringer head for a domestic washing machine. Des. 95,058; Apr. 2.
- Morgenstern, Charles E., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Combined domestic washing machine casing and wringer. 95,446; Apr. 30.
- Morgenstern, Samuel, New York, N. Y. Shoe or similar article. 97,301; Oct. 22.
- Morgenthaler, Helen M., Los Angeles, Calif. Belt for personal wear. Des. 94,920; Mar. 19.
- Morimura Bros. Inc. (See Buma, Yukio, assignor.)
- Morimura Bros. Inc. (See Kaiser, Charles, assignor.)
- Morimura Bros. Inc. (See Leigh, Cyril W., assignor.)
- Morrell, Louis D., New York, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. 97,533; Nov. 19.
- Morrell, Louis D., New York, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. 97,534; Nov. 19.
- Morrill, Leslie A., Bradford, Mass. Shoe. 95,699; May 21.
- Morris, Charles W., Niles, Mich. Streamline sled or similar article. 96,195; July 9.
- Morris, Jolly L., and R. N. Morris, McDonald, Pa. Three room canvas cottage. 96,196; July 9.
- Morris, Julia, assignor to Phoenix Manufacturing Company, Inc., New York, N. Y. Textile fabric. 97,440; Nov. 5.
- Morris, Robert N. (See Morris, Jolly L., and R. N.)
- Morrison, Boris, Brooklyn, N. Y. Shoe. 95,379; Apr. 23.
- Morrison, Louis, New York, N. Y. Fountain pen or similar article. Des. 94,983; Mar. 26.
- Morse, Clyde S., Sycamore, Ill. Nozzle for a suction machine. 96,047; June 25.
- Morse, Clyde S., Sycamore, Ill. Suction hair drier. 96,197; July 9.
- Morse, George P., and L. Lidsky, Brooklyn, N. Y. Hand truck. 96,494; Aug. 6.
- Mortimer, Wilfred H., Hollis, N. Y. Shoe. 96,773; Sept. 3.
- Moskowitz, Matty, New York, N. Y. Dress. 96,931; Sept. 17.
- Moskowitz, Milton, Brooklyn, N. Y. Knitted fabric. 95,977; June 18.
- Mossman, Harland L., Jr., Omaha, Nebr. Locket. 97,535; Nov. 19.
- Motor Wheel Corporation. (See Horn, Harry J., assignor.)
- Motor Wheel Corporation. (See Hunt, J. Harold, assignor.)
- Motor Wheel Corporation. (See Hunt, J. H., and Horn, assignors.)
- Motor Wheel Corporation. (See Jones, Don F., assignor.)
- Motor Wheel Corporation. (See Stough, Charles R., assignor.)
- Moulded Pulp Corporation. (See Plunkett, Paul, assignor.)
- Moulton-Bartley, Inc. (See Brady, James R., assignor.)
- Mover, Hyman, Brookline, Mass. Radiator cover for automobiles. 97,240; Oct. 15.
- Mross, Edward R., Racine, Wis., assignor to Scovill Manufacturing Company, Waterbury, Conn. Motor casing. 95,774; May 28.
- Mueller Co. (See Hathaway, C. W., and Krumsiek, assignors.)
- Mueller, Louis A. (See Lupfer, R. N., and Mueller.)
- Mullen, Arthur E., assignor to R. W. Warner, St. Louis, Mo. Ice tray supporting grid. 95,140; Apr. 9.
- Müller & Grünstein, Eigensburger Feuerzeugfabrik. (See Grünstein, Martin, assignor.)
- Munger, Dudley H., Waterbury, Conn., assignor to Globe Superior Corporation, Abingdon, Ill. Button. 97,403; Nov. 5.
- Murphy, Douglas S., Pasadena, Calif. Cigarette holder. 96,689; Aug. 27.
- Murphy, Thomas W., Bala-Cynwyd, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Casing for oil burner control elements. 95,141; Apr. 9.
- Murphy, Thomas W., Bala-Cynwyd, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Pressure regulating valve. 96,405; July 30.

- Murphy, Thomas W., Bala-Cynwyd, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Oil burner pumping and control unit. 96,621; Aug. 20.
- Murray, Albert L., Auburn, Ind. Fly swatter blade. 95,447; Apr. 30.
- Murray Corporation of America. (See Northrup, Amos E., assignor.)
- Murray Corporation of America, The. (See Widman, Charles H., assignor.)
- Murray-Ohio Manufacturing Company, The. (See Kraeft, Herman L., assignor.)
- Musser, Clair O., assignor to J. C. Deagan Inc., Chicago, Ill. Marimba. Des. 94,556; Feb. 12.
- Mutterperl, Sol. Inc. (See Lending, Isidore, assignor.)
- Myer, Israel, assignor to Myer Products, Inc., New York, N. Y. Bottle. 97,778; Dec. 10.
- Myer Products, Inc. (See Myer, Israel, assignor.)
- Myers, Lewis C., Freeport, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. Des. 94,511; Feb. 5.
- Myhalyk, Mike, Springdale, Pa. Display stand or similar article. Des. 94,849; Mar. 12.
- Nachman, Joseph, Philadelphia, Pa. Blouse. 96,495; Aug. 6.
- Naftalin, Max M., Minneapolis, Minn. Wall lighting fixture. 97,559; Nov. 19.
- Naftalin, Max M., Minneapolis, Minn. Wall lighting fixture. 97,560; Nov. 19.
- Naftalin, Max M., Minneapolis, Minn. Wall lighting fixture. 97,583; Nov. 19.
- Nagel-Chase Mfg. Co., The. (See Schultz, Edward, assignor.)
- Nagy, Louis, and E. Zelenak, East Dearborn, Mich. Spinning top. Des. 94,705; Feb. 26.
- Napier Company, The. (See Schuelke, Emil A., assignor.)
- Napier, Stanley W., New York, N. Y. Shoe. Des. 94,436; Jan. 29.
- Napier, Stanley W., New York, N. Y. Shoe. Des. 94,437; Jan. 29.
- Narrow Fabric Company, The. (See Huber, Otto E., assignor.)
- Nash, Benjamin S., Short Hills, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Radio dial window. 96,406; July 30.
- Nash, Benjamin S., Short Hills, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Radio dial window. 96,407; July 30.
- Nash, Benjamin S., Short Hills, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Radio dial window. 97,740; Dec. 3.
- Nashua Manufacturing Company. (See Milliken, Edith N., assignor.)
- National Biscuit Company. (See Kreidler, Urban A.)
- National Brush Company. (See Porter, Clyde A., assignor.)
- National Cash Register Company, The. (See Williams, Harry J., assignor.)
- National Lock Co. (See Lindstrom, G. D., and North, assignors.)
- National Lock Co. (See North, Edwin W., assignor.)
- National Pressure Cooker Company. (See Nelson, Carl, assignor.)
- National Sewing Machine Company. (See Thill, Roman J., assignor.)
- National Sign Corporation. (See Rosenbush, Morris L., assignor.)
- National Silver Company. (See Bernstein, Milton, assignor.)
- National Wholesale Liquor Company. (See Epstein, Seymour G., assignor.)
- Neaves, William A., Elkin, N. C., assignor to Chatham Manufacturing Company, Winston-Salem, N. C. Knit fabric. 95,605; May 14.
- Neff, Harry A., Bellaire, Ohio, assignor to The Belmont Casket Mfg. Company, Columbus, Ohio. Casket. 95,700; May 21.
- Neff, Harry A., Bellaire, Ohio, assignor to The Belmont Casket Mfg. Company, Columbus, Ohio. Casket. 95,701; May 21.
- Neger, Sam, New York, N. Y. Hat. 95,978; June 18.
- Neill, Joseph R., assignor to The Watertown Manufacturing Company, Watertown, Conn. Whistle. 96,272; July 16.
- Neill, Joseph R., Watertown, assignor to The Watertown Manufacturing Company, Watertown, Conn. Vaporizer. 96,690; Aug. 27.
- Nelson, Carl, Eau Claire, assignor to National Pressure Cooker Company, Eau Claire, Wis. Safety valve. 96,691; Aug. 27.
- Nelson, Ernest E. H., Hot Springs National Park, Ark. Catafalque. 97,089; Oct. 1.
- Nelson, Marvin. (See Andrews, Charles T., assignor.)
- Nelson, Martin, Menlo Park, Calif. Lunch box or the like. 95,142; Apr. 9.
- Nemeth, Steffen P., Chicago, Ill. Airplane. 97,090; Oct. 1.
- Neon-Globe Co. (See Drake, Charles B., assignor.)
- Neon Products, Inc. (See Howenstine, James A., assignor.)
- Nereim, Roy O., Chicago, Ill., assignor to General Electric Company. Ash trough. 97,202; Oct. 15.
- Ness, James S. (See Genter, H. C., and Ness.)
- Nester, William A., East St. Louis, Ill., assignor to Obeart-Nester Glass Company of St. Louis, Mo. Bottle. Des. 94,921; Mar. 19.
- Nester, William A., East St. Louis, Ill., assignor to Obeart-Nester Glass Company, St. Louis, Mo. Bottle. 96,408; July 30.
- Nestle-Lemur Company, The. (See Dreher, Monroe F., assignor.)
- Neugass, Edwin A., New York, N. Y. Clock. 97,500; Nov. 12.
- Neuhoff, Max M., New York, N. Y. Pen point. 95,860; June 4.
- Neumann-Holste, Erich, Bielefeld, Germany. Combined powder box and brush holder. 97,935; Dec. 24.
- Neumann-Holste, Erich, Bielefeld, Germany. Pocket case for tablets. 97,936; Dec. 24.
- Neumann, R., & Company. (See Dornbusch, Paul, assignor.)
- Neumann, R., & Company. (See Hiedemann, Hans, assignor.)
- Neva-Clog Products, Inc. (See Bunnell, Earl C., assignor.)
- New England Lace Mills, Inc. (See Boysen, George D., assignor.)
- Newton, Earl W., Evanston, Ill., assignor to Imperial Glass Corporation, Bellshire, Ohio. Tumbler or similar article. 96,622; Aug. 20.
- Newton, Earl W., Evanston, Ill., assignor to Imperial Glass Corporation, Bellaire, Ohio. Pitcher or similar article. 96,623; Aug. 20.
- Newton, Edwin E., Montreal, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Wall mounting for a hand telephone. 96,273; July 16.
- Newton, William, Jr., assignor to Haskins Brothers & Company, Omaha, Nebr. Combined cake of soap and container therefor. 97,819; Dec. 10.
- New York Mattress Company. (See Freedman, Harry I., assignor.)
- New York Mills Corporation. (See Herron, Alexander T., assignor.)
- New York Tribune, Inc. (See Schiaparelli, Elsa, assignor.)
- Nicolaou, Pedro J., Lewiston, Maine. Shoe. Des. 94,619; Feb. 19.
- Nicolaou, Pedro J., Lewiston, Maine. Shoe. Des. 94,706; Feb. 26.
- Nichols, Edgar B., Moorestown, N. J. Pencil or similar article. 97,203; Oct. 15.
- Nichols, William F., assignor, by mesne assignments, to Continental Distilling Corporation, Philadelphia, Pa. Bottle. 97,561; Nov. 19.
- Nieman, Henry W., Columbus, Ohio. Shoe. Des. 94,512; Feb. 5.
- Nieman, Henry W., Columbus, Ohio. Shoe. Des. 95,061; Apr. 2.
- Nieman, Henry W., Columbus, Ohio. Shoe. 95,534; May 7.
- Nieman, Henry W., Columbus, Ohio. Shoe. 95,535; May 7.
- Nieman, Henry W., Columbus, Ohio. Shoe. 95,536; May 7.
- Nieman, Henry W., Columbus, Ohio. Shoe. 95,537; May 7.
- Nieman, Henry W., Columbus, Ohio. Shoe. 95,538; May 7.
- Nieman, Henry W., Columbus, Ohio. Shoe. 95,539; May 7.
- Nieminen, Golda, Marysville, Calif. Game board. Des. 95,060; Apr. 2.
- Nightingale, Frank W., Quincy, Mass. Door knocker. Des. 94,557; Feb. 12.
- Nineteen Hundred Corporation. (See Dreyfuss, Henry, assignor.)
- Nineteen Hundred Corporation. (See Haney, Donald W., assignor.)
- Nineteen Hundred Corporation. (See Morgenstern, Charles E., assignor.)
- Nineteen Hundred Corporation. (See Teague, Walter D., assignor.)
- Nixon, William W., Cleveland, Ohio, assignor to United Steel & Wire Company, Battle Creek, Mich. Combined lamp and adjustable support therefor. 96,692; Aug. 27.
- Noble, F. H., & Co. (See Ruskin, Sidman, assignor.)
- Noble, F. H., & Co. (See Shields, John M., assignor.)
- Noble, Olbert C., assignor to Tygart Valley Glass Company, Washington, Pa. Jar. Des. 94,984; Mar. 26.
- Noblitt-Sparks Industries, Inc. (See Booth, Earl C., assignor.)
- Noblitt-Sparks Industries, Inc. (See Redmond, Albert G., assignor.)
- Noek, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Spoon or article of analogous nature. 97,143; Oct. 8.
- Noirjean, Max, Wohlen, Switzerland. Braid or the like. Des. 94,401; Jan. 22.
- Norquist, Victor C. (See Bradley, R. A., and Norquist.)
- North, Edwin. (See Lindstrom, G. D., and North.)
- North, Edwin W., Rockford, Ill. Hinge. 95,143; Apr. 9.
- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Illuminated mirror. 97,091; Oct. 1.
- North & Judd Manufacturing Company. (See Freysinger, John B., assignor.)
- Northam Warren Corporation. (See Brekke, Marshall T., assignor.)
- North American Lace Company, The. (See Gentner, Frederick, assignor.)
- Northrup, Amos E., Pleasant Ridge, assignor to The Murray Corporation of America, Detroit, Mich. Automobile body. 95,979; June 18.

- Northup, Amos E., Pleasant Ridge, assignor to The Murray Corporation of America, Detroit, Mich. Automobile. Des. 94,985; Mar. 26.
- Northup, Amos E., Royal Oak, Mich., assignor to General Electric Company. Clock case. 97,204; Oct. 15.
- Norton, Leland D. (See Briggs, L. S., and Norton.)
- Norton Laboratories. (See Whitlock, Carl H., assignor.)
- Numan, Joseph, New York, N. Y. Embroidered trimming. Des. 94,922; Mar. 19.
- Nu-Shine Company. (See Richardson, Robert P., assignor.)
- Nuzum, William, New York, N. Y. Ash tray or similar article. 96,774; Sept. 3.
- Nyhagen, Barney R., Bronx, N. Y. Game board. 97,951; Dec. 24.
- Nyhagen, Lewis H. (See Scrantom, De H. G., and Nyhagen.)
- Nyland, Ilonka K., Brewster, assignor to Larkin Company, Inc., Buffalo, N. Y. Rocking horse. 95,921; June 11.
- Oakland Foundry Company. (See Ehret, King E., assignor.)
- O'Brien, William A., San Pedro, Calif. Card game scoring board. 95,922; June 11.
- O'Brien, William A., San Pedro, Calif. Table top. 95,923; June 11.
- Obeart-Nester Glass Company. (See Nester, William A., assignor.)
- Oestreich, Charles H., Brooklyn, N. Y. Toilet accessory jar or similar container. 97,779; Dec. 10.
- Oestreich, Charles H., Brooklyn, N. Y. Toilet accessory jar or similar container. 97,861; Dec. 17.
- Oetjen, Arthur D., assignor to Standard Oil Company, Chicago, Ill. Combined bottle display and stand therefor. Des. 94,356; Jan. 15.
- Ogden, Arnold L., assignor to Mary Dunhill, Inc., New York, N. Y. Lip stick holder. 95,924; June 11.
- Ohio Leather Company, The. (See Peabody, Lester F., assignor.)
- Ohio Thermometer Company, The. (See Shewalter, Clarence E., assignor.)
- Ohio Valley Advertising Corporation. (See Lehman, George W., assignor.)
- Oldham, Charles W., Shadyside, assignor to Imperial Glass Corporation, Bellaire, Ohio. Bowl or similar article. 96,048; June 25.
- Oldham, Charles W., Shadyside, assignor to Imperial Glass Corporation, Bellaire, Ohio. Plate or similar article. 96,132; July 2.
- Olds, Ambrose D., Wichita, Kans. Heater. 96,049; June 25.
- Olean Glass Company. (See Calpha, Arthur J., assignor.)
- Olenick, Jesse. (See Cohen, E. M. and Olenick.)
- Olley, Raymond H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Explosion proof switch housing. Des. 94,850; Mar. 12.
- Olympic Industrial Corporation, The. (See Lees, Kenneth F., assignor.)
- Oneida Community, Limited. (See Allen, Grosvenor N., assignor.)
- Oneida Community, Limited. (See Allen, G. N., Fleming, and Bennett, assignors.)
- Oneida Community, Limited. (See Bedford, E. B., and Fleming, assignors.)
- Oneida Limited. (See Allen, G. N., Bennett, and Ressegger, assignors.)
- Onondaga Pottery Company. (See Cowan, R. Guy, assignor.)
- Opler, Arnold, Riverside, Ill. Signal and code dial. 95,980; June 18.
- Optic Liquid Measures, Inc. (See Drake, Stoney, assignor.)
- Optic Liquid Measures Inc. (See Garvey, James, assignor.)
- Orben, Jay P., New York, N. Y. Flower holder or similar article. 97,712; Dec. 3.
- Orear, Andrew G. (See Stanley, R. L., and Orear.)
- O'Riley, M. W. (See Stark, Leo R., assignor.)
- Ornamental Furniture Hardware Co. (See Williams, Norman E., assignor.)
- Osbrink, Raymond H., Los Angeles, Calif. License plate holder. 96,198; July 9.
- Osterman, Samuel, New York, N. Y., assignor to Guth, Stern & Co., Inc. Combined flash light and umbrella handle or similar article. 96,050; June 25.
- Osterman, Samuel, New York, N. Y., assignor to Guth, Stern & Co., Inc. Combined flash light and umbrella handle or similar article. 96,051; June 25.
- Osterman, Samuel, New York, N. Y., assignor to Guth, Stern & Co., Inc. Combined apparel holder and umbrella handle or similar article. 96,052; June 25.
- Osterman, Samuel, New York, N. Y., assignor to Guth, Stern & Co., Inc. Combined apparel holder and umbrella handle or similar article. 96,053; June 25.
- Ostow, Kalman I., Brooklyn, assignor to Concord Fabrics, New York, N. Y. Textile fabric or similar article of manufacture. 96,998; Sept. 24.
- O'Sullivan Rubber Co. (See Hart, William P., assignor.)
- Oswald, John. (See Schnell, W., and Oswald.)
- Ott, Harvey N., assignor to Spencer Lens Company, Buffalo, N. Y. Optical projection apparatus. 95,448; Apr. 30.
- Otto, Ferdinand P., assignor to Quaker Lace Company Incorporated, Philadelphia, Pa. Lace tablecloth. 95,981; June 18.
- Otto, Ferdinand P., assignor to Quaker Lace Company Incorporated, Philadelphia, Pa. Lace tablecloth. 95,982; June 18.
- Otto, William C., New York, N. Y. Baseball target game. 97,409; Nov. 5.
- Ottenheimer Bros. Inc. (See Hormes, William T., assignor.)
- Outboard Motors Corporation. (See Irgens, Finn T., assignor.)
- Owens, Eber M. (See Judge, F. P., and Owens.)
- Owens-Illinois Glass Company. (See Dessler, Michael S., assignor.)
- Owens-Illinois Glass Company. (See Fuerst, Brooks D., assignor.)
- Owens-Illinois Glass Company. (See Fuerst, Edwin W., assignor.)
- Owens-Illinois Glass Company. (See Lorenzen, Arnold I., assignor.)
- Owens-Illinois Glass Company. (See Steuer, Norman F.)
- P. & D. Manufacturing Company. (See Piffath, Peter, assignor.)
- Pace, Edwin W., Chicago, Ill. Amusement machine cabinet. 95,449; Apr. 30.
- Packard Motor Car Company. (See Gubitz, Werner H. A., assignor.)
- Packard Motor Car Company. (See Paton, Clyde R., assignor.)
- Packard Motor Car Company. (See Yaeger, Howard F., assignor.)
- Paddy Novelty Company. (See Carter, Lionel A., assignor.)
- Pahlke, Elmer W. (See Small, James W., and E. W. Pahlke.)
- Pahlow, Gustav C., assignor to Victor Casket Hardware Company, Galesburg, Ill. Combined casket lug and handle. 97,410; Nov. 5.
- Paine, Enoch E., and F. D. Adams, Cleveland Heights, Ohio, assignors to The Paine & Williams Company, Cleveland, Ohio. Floor mat. 95,702; May 21.
- Paine & Williams Company, The. (See Paine, E. E., and Adams.)
- Painter, Walter S., Middlebury, assignor to Waterbury Buckle Company, Waterbury, Conn. Buckle. 95,450; Apr. 30.
- Pallison, Georges, assignor to Star Engraving Company, Houston, Tex. Finger ring. Des. 94,772; Mar. 5.
- Palmer, Charles S., assignor of two-thirds to J. Gold, Pittsburgh, Pa. Fire kindler briquette. Des. 94,923; Mar. 19.
- Palmer, Oscar C., Phoenix, Ariz. Cabinet for air conditioning apparatus or similar article. Des. 94,313; Jan. 8.
- Palmer, Oscar C., Phoenix, Ariz. Cabinet for air conditioning apparatus or similar article. Des. 94,314; Jan. 8.
- Pancotti, Roberto, Brooklyn, N. Y. Accordion. 96,496; Aug. 6.
- Panellit Displays Inc. (See Hess, Paul, assignor.)
- Pantasote Leather Company, The. (See Cook, William F., assignor.)
- Pantasote Leather Company, The. (See Schick, Henry, assignor.)
- Panther-Panco Rubber Co. Inc. (See Berenstein, Frank, assignor.)
- Papiro, Guido, Los Angeles, Calif. Badge or similar article. 97,411; Nov. 5.
- Paramount Sales, Inc. (See Harper, Richard F., assignor.)
- Parfumerie Millot. (See Desprez, Jean, assignor.)
- Parks & Parks, Inc. (See Smith, Henry E., assignor.)
- Parness, Reuben, Brooklyn, and S. Sweet, Bronx, N. Y. Jewelry box or similar article. 97,302; Oct. 22.
- Parry, Henry. (See Gilbert, J., and Parry.)
- Parsons, Paul L., Belvidere, Ill. Casket handle. 95,606; May 14.
- Parsons, Ralph M., assignor to The Ralph M. Parsons Company, Mount Vernon, Ohio. Fluid treating vessel for oil refinery. 97,741; Dec. 3.
- Parsons, Ralph M., Company. (See Parsons, Ralph M., assignor.)
- Parsons, Stuart W., assignor to The Stanley Works, New Britain, Conn. Casing for door holders. Des. 94,773; Mar. 5.
- Pass & Seymour, Inc. (See Cowan, R. Guy, assignor.)
- Patchogue-Plymouth Mills Corporation. (See Geller, Hugo, assignor.)
- Patent Button Company, The. (See Purinton, Forrest G., assignor.)
- Patent Novelty Company. (See Reimer, George H., assignor.)
- Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Automobile bonnet. 96,409; July 30.
- Patrick, Joseph C., Trenton, N. J. Soluble polysulphide and organic compound reaction product and process. Des. 19,487; Mar. 5.
- Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company, Ironer. Des. 94,558; Feb. 12.
- Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company, Ironer. Des. 94,559; Feb. 12.
- Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company. Clock case. Des. 94,560; Feb. 12.
- Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company. Clock case. Des. 94,561; Feb. 12.

- Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company, New York, N. Y. Washing machine. Des. 94,986; Mar. 26.
- Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company. Washing machine. Des. 95,062; Apr. 2.
- Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company. Combined washing machine and wringer therefor. 95,451; Apr. 30.
- Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company. Clock case. 96,410; July 30.
- Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company. Clothes wringer. 96,497; Aug. 6.
- Patten, Raymond E., Bridgeport, Conn., assignor to American Radiator Company, New York, N. Y. Ventilator casing. 97,615; Nov. 26.
- Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company. Clock case. 97,780; Dec. 10.
- Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company. Clock case. 97,781; Dec. 10.
- Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company, New York, N. Y. Clock case. 97,782; Dec. 10.
- Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company. Timer case. 97,952; Dec. 24.
- Pavelka, Joseph, Jr., St. Louis, Mo. Combined tray and dish. 98,014; Dec. 31.
- Payne, Furnace & Supply Company. (See Brinckerhoff, Phil, assignor.)
- Peabody, Lester F., assignor to The Ohio Leather Company, Girard, Ohio. Leather. 95,144; Apr. 9.
- Pease, Earl E., Oak Park, assignor to Battery Patents Corporation, Chicago, Ill. Storage battery stand. 96,411; July 30.
- Peck, Robert G., Jr., assignor to The Aridor Company, Chicago, Ill. Container cap or the like. 97,205; Oct. 15.
- Pedigo-Lake Shoe Company. (See George, Dominick B., assignor.)
- Peerless Products Company. (See Witte, Harold, assignor.)
- Pelton, Louis A., Baltimore, Md. Recipe box. 97,820; Dec. 10.
- Penney, J. C., Company. (See Rader, Robert J., assignor.)
- Penza, Frederick, Brooklyn, N. Y. Macaroni or similar article. Des. 94,707; Feb. 26.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Motor vehicle ventilator. 96,334; July 23.
- Perfection Stove Company. (See Adams, Wilbur H., assignor.)
- Perfection Stove Company. (See Adams, W. H., and Kessler, assignors.)
- Perfection Stove Company. (See Chadwick, Lee S., assignor.)
- Perkins, Edward H., and H. E. Mills, Midland, Mich. Trailer. 97,648; Nov. 26.
- Perkins, James A., Longmeadow, Mass. Casing for coal stokers or the like. 97,584; Nov. 19.
- Perla, Samuel and P. Siptrott, New York, N. Y., said Siptrott assignor to said Perla. Lighting fixture plate or similar article. Des. 94,620; Feb. 19.
- Perla, Samuel and P. Siptrott, New York, N. Y. Lighting fixture back plate or similar article. Des. 94,621; Feb. 19.
- Perlmutter, Henry A., Brooklyn, N. Y. Lamp base or similar article. 97,862; Dec. 17.
- Perry, Mattie E., Orlando, Fla. Flower holder. 96,932; Sept. 17.
- Perugia, André, Paris, France. Shoe. 94,233; Jan. 1.
- Perugia, André, Paris, France. Shoe. 93,278; Jan. 8.
- Perugia, André, Paris, France. Shoe. 94,513; Feb. 5.
- Perugia, André, Paris, France. Shoe. 95,540; May 7.
- Perugia, André, Paris, France. Shoe. 95,775; May 28.
- Perugia, André, Paris, France. Shoe. 95,776; May 28.
- Perugia, André, Paris, France. Shoe. 95,861; June 4.
- Perugia, André, Paris, France. Shoe. 96,127; July 2.
- Perugia, André, Paris, France. Shoe. 96,128; July 2.
- Perugia, André, Paris, France. Shoe or similar article. 96,412; July 30.
- Perugia, André, Paris, France. Shoe or similar article. 97,596; Nov. 19.
- Petaja, John, Chicago, Ill. Tomato juice jar. 96,413; July 30.
- Peterkin, Jessie E., and F. W. Marlow, Toronto, Ontario, Canada. Toothbrush spoon. 95,777; May 28.
- Peterson, Gustav, New York, N. Y. Shoe. 97,783; Dec. 10.
- Peterson, Per A., New York, N. Y. Combined knife, nail file, and pencil clip. 95,778; May 28.
- Pettersen, Catherine, Brooklyn, N. Y. Sink stopper. 96,849; Sept. 10.
- Petty, Fred J., assignor to Ball Brothers Company, Muncie, Ind. Glass jar. 95,607; May 14.
- Pfauter, Edward M., Wauwatosa, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Hydraulic jack. 97,562; Nov. 19.
- Pfeil, Arthur P., Buffalo, N. Y. Window silencer. 95,608; May 14.
- Pfeger, George T., Los Angeles, Calif. Variable speed electric power unit. 95,145; Apr. 9.
- Phifer, Harold K., East Orange, N. J. Shoe or similar article. 96,498; Aug. 6.
- Phifer, Harold K., East Orange, N. J. Shoe or similar article. 96,693; Aug. 27.
- Philco Radio & Television Corporation. (See Harman, Emil, assignor.)
- Philco Radio & Television Corporation. (See Nash, Benjamin S., assignor.)
- Phillips, Vernon L. (See Gooch, Emma B., assignor.)
- Phillips, Jefferson C., Boulder, Colo. Combined knife and fork. Des. 94,390; Jan. 22.
- Phoenix Manufacturing Company. (See Morris, Julia, assignor.)
- Piazza, Theodore J., assignor to Capstan Glass Company, Connelville, Pa. Bottle or similar article. Des. 94,357; Jan. 15.
- Piccola, Frank J., Lynn, Mass. Boat. 95,541; May 7.
- Pieper, Alphonse F. (See Pieper, Oscar H., and A. F.)
- Pieper, Oscar H. and A. F., Rochester, N. Y. Dental unit. 96,775; Sept. 3.
- Pierce, George W., Cambridge, Mass. Vibratory system and method. Re19,461; Feb. 12.
- Pietzsch, Martha A., New York, N. Y. Lady's sport garment. 97,863; Dec. 17.
- Piffath, Peter, Elmhurst, assignor to P. & D. Manufacturing Company, Inc., Long Island City, N. Y. Cabinet. Des. 94,708; Feb. 26.
- Piffath, Peter, Elmhurst, assignor to P. & D. Manufacturing Company, Inc., Long Island City, N. Y. Cabinet. Des. 94,709; Feb. 26.
- Piker, Louis M., assignor to The Hamilton Metal Products Company, Hamilton, Ohio. Mirror frame or similar article. Des. 94,391; Jan. 22.
- Pinaud Incorporated. (See de Vaulchier, Simon, assignor.)
- Piperoux, Rene P. (See Bowker, W., and Piperoux.)
- Piqua Hosiery Company, The. (See Flesh, Alfred L., assignor.)
- Pitkin, Solomon, New York, N. Y. Child's pocketbook. 96,129; July 2.
- Pitt, Frederick D., Kansas City, Mo. Fare box. Des. 94,987; Mar. 26.
- Piver, L. T., Inc. (See Hankar, Raoul E., assignor.)
- Planetellus Manufacturing Corporation. (See Gast, George A., assignor.)
- Platt, David, New York, N. Y. Dress. 95,186; Apr. 16.
- Platt, Stephen A. (See Bennett, J. L., and Platt.)
- Platt, Stephen A., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Electric corn popper. 96,776; Sept. 3.
- Plauché, Léda H., New Orleans, La. Rag doll. 97,092; Oct. 1.
- Plochman, Carl M., Evanston, assignor to C. M. Plochman, M. W. Plochman, B. H. Harrison, and A. J. Harrison, copartners, doing business under the firm name of Plochman & Harrison, Chicago, Ill. Bottle or the like. Des. 94,358; Jan. 15.
- Plochman & Harrison. (See Plochman, Carl M.)
- Plunkett, Paul, Greenwich, Conn., assignor to Moulded Pulp Corporation, Dover, Del. Bottle. 95,609; May 14.
- Pneuman, Arthur H., Bradford, Pa. Ribbed lining plate for knives. Des. 94,279; Jan. 8.
- Pollack, Joseph O., Chicago, Ill. Combination pin and double safety guard. Des. 94,438; Jan. 29.
- Pollack, Joseph O., Chicago, Ill. Cravat holder. 96,054; June 25.
- Pollack, Joseph O., Chicago, Ill. Combination cravat and pencil holder. 97,501; Nov. 12.
- Polley, Flora B., New York, N. Y. Shoe. 95,542; May 7.
- Polley, Flora B., New York, N. Y. Shoe. 95,862; June 4.
- Polley, Flora B., New York, N. Y. Shoe. 95,863; June 4.
- Pollock, Leo, New York, N. Y. Combined Christmas wreath, ornament, and candle. 96,335; July 23.
- Pond, Shepard, Winchester, Mass., assignor to General Electric Company. Clock case. Des. 94,774; Mar. 5.
- Popp, William J., Loudonville, N. Y. Combination manicure set or similar article. Des. 94,851; Mar. 12.
- Porpora, Mary, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. 97,319; Oct. 22.
- Porter, Charles T., assignor to H. L. Brown Fence & Manufacturing Company, Cincinnati, Ohio. Fence. Des. 94,852; Mar. 12.
- Porter, Clyde A., assignor to National Brush Company, Aurora, Ill. Brush. 96,694; Aug. 27.
- Porter, Clyde A., assignor to National Brush Company, Aurora, Ill. Brush. 96,695; Aug. 27.
- Porter, Harry D., Peoria, Ill. Amusement device. 96,933; Sept. 17.
- Posey, Alice G., New York, N. Y. Food service set. 98,015; Dec. 31.
- Post, George V., Chicago, Ill. Tray and game board. 96,199; July 9.
- Postman, Louis, New York, N. Y. Glove. 97,502; Nov. 12.
- Postman, Louis, New York, N. Y. Glove. 97,821; Dec. 10.
- Postman, Louis, New York, N. Y. Glove. 97,953; Dec. 24.
- Posture Research Corporation. (See Wood, Glenn D., assignor.)
- Potter, Emil, New York, N. Y. Textile fabric. Des. 94,988; Mar. 26.
- Poulin, Issie, assignor to St. Louis Curtain Company, St. Louis, Mo. Curtain ruffle or similar article. Des. 94,775; Mar. 5.
- Powdrell & Alexander, Inc. (See Powdrell, Joseph W., assignor.)

- Powdrell, Joseph W., Wellfleet, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 97,822; Dec. 10.
- Power, Richard F., Hampstead, London, England. Score sheet. 95,779; May 28.
- Powers Smoking Pipes Corporation. (See Powers, Timothy B., assignor.)
- Powers, Timothy B., St. George, assignor to Powers Smoking Pipes Corporation, New York, N. Y. Smoking pipe. Des. 95,063; Apr. 2.
- Pratt, Elon G. (See Sander, A. H., and Pratt.)
- Pratt, Theodore, Glen Cove, N. Y. Game device. Des. 94,622; Feb. 19.
- Prazak, Emil, Elizabeth, N. J. Embroidered dress trimmings. 96,336; July 23.
- Precision Metal Workers. (See Carlson, Carl E., assignor.)
- Precision Metal Workers. (See Grunwald, Albert C., assignor.)
- Presslaff, Murray. (See Bernstein, I. H., and Presslaff.)
- Preston, Edward S., assignor to Chicago Electric Manufacturing Co., Chicago, Ill. Electric hair drier. 96,624; Aug. 20.
- Price Brothers. (See Hammer, Hyman, assignor.)
- Price, David W., New York, N. Y. Dress. 97,503; Nov. 12.
- Price, David W., New York, N. Y. Dress. 97,504; Nov. 12.
- Price, David W., New York, N. Y. Dress. 97,537; Nov. 19.
- Price, David W., New York, N. Y. Dress. 97,972; Dec. 24.
- Price, Howard M., Toledo, Ohio, assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Flash light. Des. 95,065; Apr. 2.
- Price, James R., assignor to The Alvin Corporation, Providence, R. I. Spoon or other article of flatware. 95,864; June 4.
- Priestley, William, Cranston, R. I., assignor to Gehring, Solomon & Birnbaum, Inc., New York, N. Y. Lace. 95,543; May 7.
- Prima Mfg. Company. (See Waterworth, Robert J., assignor.)
- Pristaw, Samuel, Roxbury, Mass. Comforter. 98,016; Dec. 31.
- Proctor, George A., Los Angeles, Calif. Beauty mask. 97,864; Dec. 17.
- Progressive Ring Company, The. (See Fenton, G. F., and Bangs, assignors.)
- Progressive Ring Company, The. (See Miller, J. M., and Fenton, assignors.)
- Prouty, Willis O., Hermosa Beach, Calif., assignor to Metlox Manufacturing Company, Manhattan Beach, Calif. Jug. 96,274; July 16.
- Pruitt, Betty W., Columbus, and G. Walker, Mount Vernon, Ohio. Radiant heater. 96,934; Sept. 17.
- Pryale, Harry M., Pontiac, Mich. Cycle saddle seat. 96,500; Aug. 6.
- Public, Dedicated to the free use of the. (See Busch, Thomas N., assignor.)
- Puciloski, Benjamin E., Cicero, Ill. Crucifixion cross or similar article. 95,983; June 18.
- Pufeyes, Markus, New York, N. Y. Combination advertising display cabinet and clock. 95,780; May 28.
- Pullen, Fred W., assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet sweeper end plate. Des. 94,776; Mar. 5.
- Pullen, Fred W., assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet sweeper shell. 95,984; June 18.
- Pullen, Harry, Easton, Md. Wind reed musical organ toy or the like. 96,414; July 30.
- Pulver, Wyllis F., Rensselaer, N. Y. Lamp. 97,612; Nov. 26.
- Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Cigarette box or like receptacle. 97,303; Oct. 22.
- Putnam, Solomon, Newark, N. J. Buckle. 96,275; July 16.
- Putnam, Solomon, Newark, N. J. Buckle. 96,501; Aug. 6.
- Putman, Solomon, Newark, N. J. Buckle. 96,850; Sept. 10.
- Putman, Solomon, Newark, N. J. Buckle. 96,999; Sept. 24.
- Putman, Solomon, Newark, N. J. Buckle. 97,000; Sept. 24.
- Putman, Solomon, Newark, N. J. Buckle. 97,304; Oct. 22.
- Putman, Solomon, Newark, N. J. Buckle. 97,412; Nov. 5.
- Putman, Solomon, Newark, N. J. Buckle. 97,742; Dec. 3.
- Putman, Solomon, Newark, N. J. Buckle. 97,785; Dec. 10.
- Putman, Solomon, Newark, N. J. Buckle. 97,794; Dec. 10.
- Putman, Solomon, Newark, N. J. Buckle. 97,954; Dec. 24.
- Putman, Solomon, Newark, N. J. Buckle. 97,955; Dec. 24.
- Putman, Solomon, Newark, N. J. Buckle. 97,956; Dec. 24.
- Quaker Lace Company. (See Miller, Walter C., assignor.)
- Quaker Lace Company Incorporated. (See Hoooven, Howard D., Jr., assignor.)
- Quaker Lace Company Incorporated. (See Otto, Ferdinand P., assignor.)
- Quaker Lace Company Inc. (See Waterfield, James, assignor.)
- Quincy Stove Manufacturing Company, The. (See Lange, Henry, assignor.)
- Quinn, Ada, Ogden, Utah. Apron. Des. 94,562; Feb. 12.
- Quinn, Ada, Ogden, Utah. Apron. Des. 94,563; Feb. 12.
- Quinn, Ada, Ogden, Utah. Apron. Des. 94,564; Feb. 12.
- Quinn, Ada, Ogden, Utah. Apron. Des. 94,565; Feb. 12.
- Quinn, Ada, Ogden, Utah. Apron. Des. 94,566; Feb. 12.
- Quinn, Ada, Ogden, Utah. Apron. Des. 94,623; Feb. 19.
- Quinn, Ada, Ogden, Utah. Apron. Des. 94,624; Feb. 19.
- Quinn, Ada, Ogden, Utah. Apron. Des. 94,625; Feb. 19.
- Quinn, Ada, Ogden, Utah. Apron. Des. 94,626; Feb. 19.
- Quinn, Ada, Ogden, Utah. Apron. Des. 94,627; Feb. 19.
- Quinn, Ada, Ogden, Utah. Apron. Des. 94,628; Feb. 19.
- Quinn, Ada, Ogden, Utah. Apron. Des. 94,629; Feb. 19.
- Quinn, Ada, Ogden, Utah. Apron. Des. 94,630; Feb. 19.
- Quinn, Ada, Ogden, Utah. Apron. Des. 94,631; Feb. 19.
- Quinn, Ada, Ogden, Utah. Apron. Des. 94,632; Feb. 19.
- Quinn, Ada, Ogden, Utah. Apron. Des. 94,633; Feb. 19.
- Quinn, Ada, Ogden, Utah. Apron. 95,452; Apr. 30.
- Quinn, Ada, Ogden, Utah. Apron. 95,453; Apr. 30.
- Quinn, Ada, Ogden, Utah. Apron. 95,454; Apr. 30.
- Quinn, Ada, Ogden, Utah. Apron. 97,016; Sept. 24.
- Quinn, Ada, Ogden, Utah. Apron. 97,017; Sept. 24.
- Quinn, Ada, Ogden, Utah. Apron. 97,018; Sept. 24.
- R C A Radiotron Company, Inc. (See Rose, George M., Jr., assignor.)
- RCA Radiotron Company. (See Salzberg, Bernard, assignor.)
- Rader, Robert J., New Rochelle, assignor to J. C. Penney Company, New York, N. Y. Doll carriage or similar article. 96,502; Aug. 6.
- Rader, Robert J., New Rochelle, assignor to J. C. Penney Company, New York, N. Y. Velocipede frame. 96,503; Aug. 6.
- Radio Corporation of America. (See Shrader, Terry M., assignor.)
- Radio Corporation of America. (See Smith, Newell R., assignor.)
- Railway & Industrial Engineering Co. (See Rudd, Harold H., assignor.)
- Railway Utility Company. (See Willer, Nicholas L., assignor.)
- Rainbow Light, Inc. (See Hobert, Leroy F., assignor.)
- Rampfel, Henry, Lakewood, N. J., assignor to Nathan Straus & Sons, Inc., New York, N. Y. Plate or similar article. 95,544; May 7.
- Rantsch, Alfred C., Toledo, assignor to The Bellaire Enamel Company, Bellaire, Ohio. Cooking pot or similar article. 96,504; Aug. 6.
- Raphael, Hannah M., New York, N. Y. Blouse. 95,865; June 4.
- Raphael, Hannah M., New York, N. Y. Blouse. 96,200; July 9.
- Rapoport, Theodore, Chicago, Ill. Combination store fixture unit. 96,505; Aug. 6.
- Rathbun, Lila A., New York, N. Y. Combination eraser and brush. 97,973; Dec. 24.
- Rau, Melvin C., Milwaukee, Wis. Flower receptacle. 97,093; Oct. 1.
- Raventos, Enrique A., assignor to Marshall Field & Company, Chicago, Ill. Chair. Des. 94,777; Mar. 5.
- Raventos, Enrique A., assignor to Marshall Field & Company, Chicago, Ill. Chair. Des. 94,778; Mar. 5.
- Raventos, Enrique A., assignor to Marshall Field & Company, Chicago, Ill. Chair. Des. 94,779; Mar. 5.
- Raylite Trading Co. Inc. (See Abramson, Abraham, assignor.)
- Raymond, Arthur E. (See Kindelberger, J. H., and Raymond.)
- Raymond, Arthur E., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Airplane. 97,713; Dec. 3.
- Redfield, Watrous C., Denver, Colo. Gun sight. Des. 94,514; Feb. 5.
- Redlinger, Mathias, Freeport, Ill. Nut cracker. Des. 94,567; Feb. 12.
- Redman, Herbert L., Forest Hills, N. Y. Hand bag. 96,506; Aug. 6.
- Redmond, Albert G., Flint, Mich. Combined fan motor and propeller. 96,935; Sept. 17.
- Redmond, Albert G., Flint, Mich., assignor to Noblitt Sparks Industries, Inc., Columbus, Ind. Automobile radio remote control. 96,201; July 9.
- Reed & Barton. (See Turner, George L., assignor.)
- Reed, Charles C., Orange, Calif. Display cabinet. Des. 94,234; Jan. 1.
- Reed, Henry M., Jr., Louisville, Ky., assignor to Standard Sanitary Manufacturing Company, Pittsburgh, Pa. Corner bathtub. 96,507; Aug. 6.
- Reedy, Alfred J. (See Berry, Frank K., and Reedy, A. J.)
- Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Variable speed transmission unit. 97,241; Oct. 15.
- Reeves Manufacturing Company, The. (See Hunker, Martin L., assignor.)
- Reeves Pulley Company. (See Reeves, Paul B., assignor.)
- Regal Shoe Co. Inc. (See Wylie, Robert, assignor.)
- Regester, Ramsay G., Philadelphia, Pa., assignor to Gill Glass & Fixture Company. Sign. 97,165; Oct. 8.
- Regester, Ramsay G., Philadelphia, Pa., assignor to Gill Glass & Fixture Company. Sign. 97,714; Dec. 3.
- Reggie, Christy, South Braintree, Mass. Shoe. 95,147; Apr. 9.
- Reggie, Christy, Queens Village, N. Y., assignor to J. M. Connell Shoe Co., South Braintree, Mass. Shoe. 95,146; Apr. 9.
- Regnault, Frank S., Union, assignor to W. B. Paper Box Co., Newark, N. J. Box. 96,777; Sept. 3.

- Reichard, Theophile, Alameda, Calif. Shuffle-board game device. 97,001; Sept. 24.
- Reichenbach, Howard F., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Multiple container food warmer or similar article. Des. 94,563; Feb. 12.
- Reichenbach, Howard F., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Cocktail shaker or similar article. 95,925; June 11.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Vanity case. 96,133; July 2.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Combination vanity case and purse. 96,851; Sept. 10.
- Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Company. Metallic mesh fabric. 97,585; Nov. 19.
- Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Company. Vanity case or like article. 97,715; Dec. 3.
- Reimer, George H., assignor to Patent Novelty Company, Fulton, Ill. Combined ash tray and cigarette holder. 97,786; Dec. 10.
- Reinhardt, Joseph A., assignor to Western Clock Company, Peru, Ill. Clock case. 96,337; July 23.
- Reinhold, Oscar A., Chicago, Ill. Table lamp. Des. 94,853; Mar. 12.
- Reinhold, Oscar A., Chicago, Ill. Table lamp. Des. 95,066; Apr. 2.
- Reiser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 95,928; June 11.
- Reliance Manufacturing Company. (See Hedin, Harriet, assignor.)
- Remington Rand Inc. (See Bridgwater, Hebert E., assignor.)
- Renold and Coventry Chain Company Limited, The. (See Renshaw, Alfred, assignor.)
- Renshaw, Alfred, assignor to The Renold and Coventry Chain Company Limited, Didsbury, Manchester, England. Cycle pedal. Des. 94,280; Jan. 8.
- Renshaw, Alfred, assignor to The Renold and Coventry Chain Company Limited, Didsbury, Manchester, England. Cycle pedal. Des. 94,515; Feb. 5.
- Rentner, Ira, New York, N. Y. Dress. Des. 95,067; Apr. 2.
- Resek, Marc. (See Chadwick, L. S., Resek, and Kessler.)
- Ressegger, Lloyd E. (See Allen, G. N., Bennett, and Ressegger.)
- Rettich, Kurt, assignor to Keeler Brass Company, Grand Rapids, Mich. Handle or similar article for filing equipment and the like. Des. 94,235; Jan. 1.
- Rettich, Kurt, assignor to Keeler Brass Company, Grand Rapids, Mich. Label holder or similar article for filing equipment and the like. Des. 94,516; Feb. 5.
- Rettich, Kurt, assignor to Keeler Brass Company, Grand Rapids, Mich. Handle or similar article. Des. 94,989; Mar. 26.
- Rettich, Kurt, assignor to Keller Brass Company, Grand Rapids, Mich. Handle or similar article. 95,926; June 11.
- Revere Copper and Brass Incorporated. (See Farr, Fred D., assignor.)
- Revere Copper and Brass Incorporated. (See Geddes, Norman B., assignor.)
- Revere Copper and Brass Incorporated. (See Zettler, Emil R., assignor.)
- Reydmann, Saul O., Milwaukee, Wis. Carriage robe. 97,413; Nov. 5.
- Reynolds, Edwin, Vineland, N. J. Temple member for spectacles or similar articles. Des. 94,392; Jan. 22.
- Reynolds, Edwin, Vineland, N. J. Clotheshpin or similar article. 95,545; May 7.
- Reynolds, Edwin, Vineland, N. J. Temple member for spectacles or similar articles. 97,957; Dec. 24.
- Reynolds, Frank C. (See Kirchheim, W. H., and Reynolds.)
- Reynolds, James B., Leominster, Mass., assignor to Independent Lock Company, Fitchburg, Mass. Combined escutcheon plate and doorlatch front. Des. 94,439; Jan. 29.
- Reynolds, James B., Leominster, Mass., assignor to Independent Lock Company, Fitchburg, Mass. Escutcheon plate or the like. Des. 94,440; Jan. 29.
- Rheem Manufacturing Company. (See Craig, Harvey A., assignor.)
- Rheinauer, Daniel, New York, N. Y. Sweater. 95,927; June 11.
- Rhode, Peter, Kenosha, Wis. Merchandise display change receptacle. 95,148; Apr. 9.
- Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Tap or similar article. 96,696; Aug. 27.
- Rich, Marion Y., assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 96,852; Sept. 10.
- Rich, Marion Y., assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 96,853; Sept. 10.
- Rich, Marion Y., assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 96,854; Sept. 10.
- Rich, Marion Y., assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 96,855; Sept. 10.
- Richardson, Bayard E., and R. W. Wiley, Grand Rapids, Mich. Desk. 96,415; July 30.
- Richardson Company, The. (See Reiser, Oliver O., assignor.)
- Richardson, Robert P., Reidville, N. C., assignor to Nu-Shine Company, Rockingham, N. C. Bottle. 95,703; May 21.
- Richfield Oil Corporation of New York. (See Billings, Robert E., assignor.)
- Richfield Oil Corporation of New York. (See MacDonald, George P., assignor.)
- Richheimer, Isaac D., New York, N. Y. Coffee urn. Des. 95,068; Apr. 2.
- Richheimer, Isaac D., New York, N. Y. Flame pad. 97,336; Oct. 29.
- Richmond Radiator Company. (See Livar, Allen P., assignor.)
- Richter, Edward, assignor to Henney Motor Company, Freeport, Ill. Caster. Des. 95,069; Apr. 2.
- Richtmyer, Arthur R., Larchmont, N. Y. Belt for personal wear. 97,958; Dec. 24.
- Richtmyer, Arthur R., Larchmont, N. Y. Belt for personal wear. 97,959; Dec. 24.
- Rideout, John G. (See van Doren, H. L., and Rideout.)
- Rideout, John G., Perrysburg, assignor to The American National Company, Toledo, Ohio. Coaster wagon. Des. 94,569; Feb. 12.
- Rideout, John G., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Glider. Des. 94,990; Mar. 26.
- Rideout, John G., Perrysburg, assignor to The American National Company, Toledo, Ohio. Coaster wagon. 97,206; Oct. 15.
- Rideout, John G., Toledo, Ohio, assignor to The Maytag Company, Newton, Iowa. Table for an ironing machine or the like. 97,716; Dec. 3.
- Ridge Tool Company, The. (See Thewes, William O., assignor.)
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage Battery Case. 95,279; Apr. 16.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage Battery Case. 95,280; Apr. 16.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage Battery Case. 95,281; Apr. 16.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage Battery Case. 95,282; Apr. 16.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage Battery Case. 95,283; Apr. 16.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage Battery Case. 95,284; Apr. 16.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage Battery Case. 95,285; Apr. 16.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage Battery Case. 95,286; Apr. 16.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage Battery Case. 95,287; Apr. 16.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 95,455; Apr. 30.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 95,546; May 7.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 95,610; May 14.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 95,611; May 14.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 95,612; May 14.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 95,613; May 14.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 95,614; May 14.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 95,615; May 14.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 95,704; May 21.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 95,705; May 21.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 95,706; May 21.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 95,707; May 21.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 95,708; May 21.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 96,276; July 16.

- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 96,277; July 16.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 96,338; July 23.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 96,339; July 23.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 96,340; July 23.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 96,697; Aug. 27.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 97,144; Oct. 8.
- Rigny, Arthur A., Milford, Pa. Combination salt and pepper shaker. 97,207; Oct. 15.
- Ritchie, Albert E., assignor to The Wildroot Company, Inc., Buffalo, N. Y. Display rack. Des. 94,924; Mar. 19.
- Ritter, Herbert F., Bogota, N. J. Tape measure. 95,616; May 14.
- Rival Manufacturing Company. (See Majewski, Joseph M., Jr.)
- Rivard, Joseph F., Grosse Pointe Park, Mich. Playing card. Des. 95,070; Apr. 2.
- Roach, Floyd L., Kansas City, Mo. Casing for a corn popping machine. Des. 94,286; Jan. 1.
- Roach, Jesse E., New York, N. Y., assignor to The 5¢ Cup Inc., of New Jersey, Edgewater, N. J. Display stand. 97,683; Dec. 3.
- Robbins, C. H. D., Co. (See Jaccarino, Concetta, assignor.)
- Roberts, Carl D., Kirbyville, Tex. Pall-bearer's badge. 95,929; June 11.
- Roberts, John J. (See Brady, J. H., and Roberts.)
- Robinson, Jack, assignor to Filtro Faucet Manufacturing Co., Chicago, Ill. Faucet. 96,625; Aug. 20.
- Robinson, Grace C., assignor to Mary Chess Inc., New York, N. Y. Bottle. 95,547; May 7.
- Robinson, Joseph, New York, N. Y. Nonelectrical vaporizer. 97,094; Oct. 1.
- Robinson, Joseph, New York, N. Y. Electrical vaporizer. 97,356; Oct. 29.
- Robinson, Walter, and J. Westemeyer, New York, N. Y. Textile fabric. 96,278; July 16.
- Ročić, Ivan, New York, N. Y. Building wall unit. Des. 94,281; Jan. 8.
- Ročić, Ivan, New York, N. Y. Therapeutic heater. 97,823; Dec. 10.
- Rockola, David C., Chicago, Ill. Emblem. Des. 94,710; Feb. 26.
- Rockola, David C., Chicago, Ill. Bar cabinet. 97,616; Nov. 26.
- Rodriguez, Manuel G., Haiku, Hawaii. Nail. 95,930; June 11.
- Roehrich, Paul E., New York, N. Y. Sifter powder box. 96,279; July 16.
- Roxanson, David E., Short Beach, Conn. Picture frame. Des. 94,359; Jan. 15.
- Rogers, Charles J., assignor to Crown Stove Works, Cicero, Ill. Cook stove. 97,357; Oct. 29.
- Rogers, Edward J., Kansas City, Mo. Character doll or similar article. 95,548; May 7.
- Rogers, Lunt & Bowlen Company. (See Koonz, Frederick W., assignor.)
- Rogers, Lunt & Bowlen Company. (See Locher, Robert E., assignor.)
- Rogers, Walter E., assignor to Crown Stove Works, Cicero, Ill. Leg for a stove or similar article. Des. 94,711; Feb. 26.
- Rome Company, The. (See Ward, John C., Jr., assignor.)
- Rome, Rosette, New York, N. Y. Shoe. 96,055; June 25.
- Ronzoni, Angelo, New York, N. Y. Macaroni. 96,202; July 9.
- Root, Albert S., Miami, Fla., and J. Levin, Brooklyn, N. Y. Corner store front. 97,166; Oct. 8.
- Roper, Geo. D., Corporation. (See Hobson, Stanley H., assignor.)
- Rosborough, George S., Webster Groves, assignor to The Measuregraph Company, St. Louis, Mo. Cloth measuring machine. Des. 94,441; Jan. 29.
- Rose, George M., Jr., Orange, N. J., assignor to R C A Radiotron Company, Inc. Electron discharge device. Des. 94,315; Jan. 8.
- Rose, George M., Jr., Orange, N. J., assignor to R C A Radiotron Company, Inc. Electron discharge device. Des. 94,316; Jan. 8.
- Rose, Harry, Wyandotte, Mich. Automotive vehicle heater. 96,856; Sept. 10.
- Rose, Harry, Wyandotte, Mich. Automotive vehicle heater. 96,936; Sept. 17.
- Rose, Harry, Wyandotte, Mich. Automotive vehicle heater. 97,649; Nov. 26.
- Rose, William D., Portland, Oreg. Advertising novelty in the form of a container. Des. 94,360; Jan. 15.
- Rosen, Nathan, Boston, Mass. Netted fabric. 95,456; Apr. 30.
- Rosenau Bros. Inc. (See Hubert, René, assignor.)
- Rosenberg, George, New Rochelle, N. Y. Lady's Vanity Box. 95,211; Apr. 18.
- Rosenbloom, Barney, New York, N. Y. Textile fabric or similar article. 97,145; Oct. 8.
- Rosenblum, Charles, Brooklyn, N. Y. Buckle. 96,857; Sept. 10.
- Rosenblum, Charles, Brooklyn, N. Y. Buckle. 96,858; Sept. 10.
- Rosenblum, Charles, Brooklyn, N. Y. Buckle. 96,859; Sept. 10.
- Rosenburgh, Ernest, Rome, N. Y. Metal furniture tubing. 96,508; Aug. 6.
- Rosenburgh, Ernest, Rome, N. Y. Metal furniture tubing. 96,509; Aug. 6.
- Rosenbush, Morris L., assignor to National Sign Corporation, Kokomo, Ind. Sign board. Des. 94,925; Mar. 19.
- Rosenfeld, Emanuel, Philadelphia, Pa. Tire casing. Des. 94,517; Feb. 5.
- Rosenfeld, Abraham, Boston, Mass. Past commander badge or similar article. 95,457; Apr. 30.
- Rosenfield, George B., New York, N. Y. Shoe. Des. 94,854; Mar. 12.
- Rosenfield, George B., New York, N. Y. Shoe. 96,698; Aug. 27.
- Rosengart-Famel, Sylvain, Paris, France. Combined bottle and eye cup. 96,134; July 2.
- Rosenthal, Abraham L., New York, N. Y. Button. Des. 94,518; Feb. 5.
- Rosenthal China Corporation, The. (See Bayreuther, Karl, assignor.)
- Rosenthal, William, assignor to Maiden Form Brassiere Company, Inc., New York, N. Y. Brassière. 97,167; Oct. 8.
- Ross, Eugene S., New York, N. Y. Textile fabric. 95,288; Apr. 16.
- Ross, Eugene S., New York, N. Y. Textile fabric. 95,380; Apr. 23.
- Ross, Eugene S., New York, N. Y. Textile fabric. 97,717; Dec. 3.
- Ross, Eugene S., New York, N. Y. Textile fabric. 97,743; Dec. 3.
- Ross, Nathan, Los Angeles, Calif. Cloth cutter. Des. 94,991; Mar. 26.
- Ross, Walter C., New York, N. Y. Bottle. 97,824; Dec. 10.
- Roth, Aaron, Brooklyn, N. Y. Clock. Des. 94,361; Jan. 15.
- Roth, Aaron, Brooklyn, N. Y. Clock. Des. 94,362; Jan. 15.
- Roth Fabrics Corp. (See Bruine, Andre C., assignor.)
- Rothman, Emanuel, New York, N. Y. Man's shorts. Des. 94,992; Mar. 26.
- Rothmann, Philip F., Brooklyn, N. Y. Textile fabric. 97,168; Oct. 8.
- Rotor-Table Games, Inc. (See Feldblet, H. L., and Goldberger, assignors.)
- Rowe Manufacturing Co. (See Rowe, William H., assignor.)
- Rowe, William H., Detroit, Mich., assignor to Rowe Manufacturing Co., Inc., New York, N. Y. Vending machine cabinet. 97,505; Nov. 12.
- Rowe, William H., Detroit, Mich., assignor to Rowe Manufacturing Co., Inc., New York, N. Y. Vending machine cabinet. 97,506; Nov. 12.
- Rowles, Alonzo R., Washington, D. C. Badge. 95,985; June 18.
- Royal Typewriter Company. (See Dowd, B. J., and Hart, assignors.)
- Royal Typewriter Company. (See Myers, Lewis C., assignor.)
- Rubens, Harry S., Englewood, N. J., assignor to Compex Oscillator Corp., New York, N. Y. Transformer housing. 97,146; Oct. 8.
- Rubens, Harry S., Englewood, N. J., assignor to Compex Oscillator Corp., New York, N. Y. Surgical electrode device. 97,617; Nov. 26.
- Rubenstein, Herman, New York, N. Y. Ash tray or similar article. 96,135; July 2.
- Rubenstein, Herman, New York, N. Y. Souvenir key. 97,242; Oct. 15.
- Rubero Co., The. (See Cahill, J. J., and McClintock, assignors.)
- Rubin, Benjamin, New York, N. Y. Dress. 95,187; Apr. 16.
- Rubin, Jacob, Brooklyn, N. Y. Dressing table box or similar article. 97,305; Oct. 22.
- Rudd, Harold H., assignor to Railway & Industrial Engineering Co., Greensburg, Pa. Multiple-unit insulator support for bus bars. Des. 95,071; Apr. 2.
- Rudd, Harold H., assignor to Railway & Industrial Engineering Co., Greensburg, Pa. Combined insulator support and bracket for bus bars. Des. 95,072; Apr. 2.
- Rudolf, Morris, Los Angeles, Calif. Toothbrush handle. 98,041; Dec. 31.
- Rudolf, Morris, Los Angeles, Calif. Toothbrush handle. 98,042; Dec. 31.
- Ruffin, Laura V. (See Duvall, Stanley A., assignor.)
- Rupp, Kirk C., New Castle, Pa. Collar holder. Des. 94,237; Jan. 1.
- Ruppel, Frederick C., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Door handle. 97,208; Oct. 15.
- Ruskin, Sidman, assignor to F. H. Noble & Co., Chicago, Ill. Pin or like ornamental emblem. 96,280; July 16.
- Russ Soda Fountain Company. (See Seitz, Dean C., assignor.)
- Russo, Alfred L. (See Laram, G. U., and Russo.)
- Ruttenberg & Co. (See Mittelman, Benjamin E., as assignor.)
- Ryan, Anthony A., assignor to Kleven Shoe Co., Spencer, Mass. Shoe. Des. 94,282; Jan. 8.

- Ryan, Anthony A., assignor to Kleven Shoe Co., Spencer, Mass. Shoe. Des. 94,570; Feb. 12.
- Ryan, James K., Hollywood, Calif. Automobile. 96,860; Sept. 10.
- Saab, Alexander N., New York, N. Y. Nightgown. Des. 95,073; Apr. 2.
- Saab, Alexander N., New York, N. Y. Nightgown. Des. 95,074; Apr. 2.
- Saab, Alexander N., New York, N. Y. Nightgown. Des. 95,075; Apr. 2.
- Saaf, Dirk G., Chicago, Ill. Reflector. 97,095; Oct. 1.
- Sachs, Morris, assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt for personal wear. 95,549; May 7.
- Sachs, Morris, assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt for personal wear. 95,986; June 18.
- Sachs, Morris, assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt for personal wear. 95,987; June 18.
- Sachs, Morris, assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Suspender ends. 96,416; July 30.
- Sachs, Morris, assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Suspenders or the like for personal wear. 96,417; July 30.
- Sacks, Herman B., New York, and P. Krasnow, Brooklyn, N. Y. Finger ring or similar article. 96,699; Aug. 27.
- Sacrey, Elmer P., assignor to Syracuse Tool Electric Mfg. Corp. Casing for a cutting instrument or the like. Des. 94,855; Mar. 12.
- Safeguard, Inc. (See Hunter, John P., assignor.)
- Safety Car Heating & Lighting Company, The. (See Hulse, George E., assignor.)
- Safir, Leo C., New York, N. Y. Button. 96,341; July 23.
- Sagamor Metal Goods Corporation. (See Sundin, Theodore, assignor.)
- Sager, Abraham, Chicago, Ill. Finger ring. 96,056; June 25.
- Sager, Abraham, Chicago, Ill. Finger ring. 97,096; Oct. 1.
- St. Louis Curtain Company. (See Poulin, Issie, assignor.)
- St. Thomas, William H., assignor to Amity Leather Products Co., West Bend, Wis. Billfold. 95,387; Apr. 23.
- St. Thomas Metal Signs Limited. (See Bradley, Lorne M., assignor.)
- Sakier, George, New York, N. Y., assignor to Fostoria Glass Company, Moundsville, W. Va. Luster or similar article. Des. 94,442; Jan. 29.
- Sakier, George, assignor to Schenley Products Company, New York, N. Y. Bottle. 95,617; May 14.
- Sakier, George, assignor to Schenley Products Company, New York, N. Y. Bottle. 95,988; June 18.
- Sakier, George, assignor to Schenley Products Company, New York, N. Y. Bottle. 95,989; June 18.
- Sakier, George, assignor to Schenley Products Company, New York, N. Y. Bottle. 96,510; Aug. 6.
- Sakier, George, assignor to Schenley Products Company, New York, N. Y. Bottle. 96,511; Aug. 6.
- Sakier, George, assignor to Schenley Products Company, New York, N. Y. Bottle. 96,512; Aug. 6.
- Sakier, George, assignor to Schenley Products Company, New York, N. Y. Bottle. 96,513; Aug. 6.
- Salem China Company, The. (See Broomhall, V., and Smith, assignors.)
- Salem Glass Works. (See Garvey, Wallace E., assignor.)
- Salem Glass Works. (See McLaughlin, James E., assignor.)
- Saltsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Package. Des. 94,443; Jan. 29.
- Salvia, John A., assignor to Samson-United Corporation, Rochester, N. Y. Waffle iron. 95,931; June 11.
- Salyards, William E., Jr., Highland Park, assignor to Crowe Name Plate & Manufacturing Co., Chicago, Ill. Escutcheon. 96,561; Aug. 13.
- Salzberg, Bernard, East Orange, N. J., assignor to RCA Radiotron Company, Inc. Electron discharge device. Des. 94,363; Jan. 15.
- Samson, Charles, Douglaston, assignor to United States Rubber Products, Inc., New York, N. Y. Tire. 96,778; Sept. 3.
- Samson-United Corporation. (See Salvia, John A., assignor.)
- Samson-United Corporation. (See Samuels, Abe O., assignor.)
- Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Automatic toaster. 97,209; Oct. 15.
- Samuels, Julian G., St. Louis, Mo. Shoe or article of analogous nature. Des. 94,856; Mar. 12.
- Samuels, Julian G., St. Louis, Mo. Shoe or article of analogous nature. Des. 94,857; Mar. 12.
- Samuels, Julian G., St. Louis, Mo. Shoe or article of analogous nature. Des. 94,858; Mar. 12.
- Samuels, Julian G., St. Louis, Mo. Shoe or article of analogous nature. Des. 94,859; Mar. 12.
- Samuels, Julian G., St. Louis, Mo. Shoe or article of analogous nature. Des. 94,993; Mar. 26.
- Samuels Shoe Company. (See Goldberg, Julius A., assignor.)
- Sand, Frank F., Detroit, Mich. Spirit Level. 95,289; Apr. 16.
- Sander, Alfred H., Maplewood, N. J., and E. G. Pratt, New York, N. Y., assignors to Smokador Manufacturing Co., Inc., Bloomfield, N. J. Smoking stand. 97,147; Oct. 8.
- Sanders, Morris, Jr., assignor to Schenley Products Company, New York, N. Y. Bottle. 96,779; Sept. 3.
- Sanders, Morris, assignor to Schenley Products Company, New York, N. Y. Bottle. 96,780; Sept. 3.
- Sandlas, Henry J., Jr., Baltimore, Md., assignor to May Oil Burner Corporation. Casing for boilers or furnaces. 96,136; July 2.
- Sandler, Jacob, Brookline, Mass. Shoe. Des. 94,519; Feb. 5.
- Sandy, Alan F., Minneapolis, Minn. Dress or the like. Des. 94,994; Mar. 26.
- Sandy, Alan F., Minneapolis, Minn. Ensemble dress or the like. Des. 95,076; Apr. 2.
- Sandy, Alan F., Minneapolis, Minn. Ensemble dress or the like. 95,458; Apr. 30.
- Saugues, Edmond, Long Island City, N. Y. Shoe. Des. 94,238; Jan. 1.
- Saugues, Edmond, Long Island City, N. Y. Shoe. Des. 94,239; Jan. 1.
- Saugues, Edmond, Long Island City, N. Y. Shoe. Des. 94,240; Jan. 1.
- Saugues, Edmond, Long Island City, N. Y. Shoe. Des. 94,241; Jan. 1.
- Saugues, Edmond, Long Island City, N. Y. Shoe. Des. 94,242; Jan. 1.
- Saugues, Edmond, Long Island City, N. Y. Shoe. Des. 94,243; Jan. 1.
- Saugues, Edmond, Long Island City, N. Y. Shoe. Des. 94,244; Jan. 1.
- Saugues, Edmond, Long Island City, N. Y. Shoe. Des. 94,283; Jan. 8.
- Saugues, Edmond, Long Island City, N. Y. Shoe. Des. 94,284; Jan. 8.
- Saugues, Edmond, Long Island City, N. Y. Shoe. 96,514; Aug. 6.
- Saunders, Albert F., assignor to T. N. Benedict Mfg. Co., Syracuse, N. Y. Plaque or similar article. 97,618; Nov. 26.
- Saxmann, George, Hendersonville, N. C. Game piece. Des. 94,634; Feb. 19.
- Saxton, Ellsworth E., Seattle, Wash. Combined folding doll house and yard. 95,618; May 14.
- Saymon, Clarice, New York, N. Y., assignor to The Seymour Products Company, Seymour, Conn. Shaker. 95,149; Apr. 9.
- Sayre, Judson S., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Refrigerator cabinet. 96,700; Aug. 27.
- Scacco, Jack, New York, N. Y. Shoe. 96,057; June 25.
- Schaad, Theodore A., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Casing for vacuum cleaners. 96,937; Sept. 17.
- Schaad, Theodore A., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Casing for vacuum cleaners. 96,938; Sept. 17.
- Schaal, Norbert J., Riverton Heights, Wash. Hobby horse. 96,203; July 9.
- Schaffer, Jacob I., New York, N. Y. Buckle. 96,861; Sept. 10.
- Schanz, Lewis J., assignor to I. E. McCabe, Chicago, Ill. Room thermostat cover. 96,562; Aug. 13.
- Scheifele, Frederick W., Audubon, N. J. Oil burner casing. 96,515; Aug. 6.
- Schenley Products Company. (See Sakier, George, assignor.)
- Schenley Products Company. (See Sanders, Morris.)
- Schenley Products Company. (See Sanders, Morris, Jr., assignor.)
- Schertz, Joseph L., St. Louis, Mo. Combined salt and pepper shaker. 96,342; July 23.
- Scheuer, Samuel, New York, N. Y. Hat. 96,058; June 25.
- Scheuer, Samuel, New York, N. Y. Hat. 97,243; Oct. 15.
- Schiaparelli, Elsa, Paris, France, assignor to New York Tribune, Inc., New York, N. Y. Apron. 97,865; Dec. 17.
- Schick, Henry, New York, N. Y., assignor to The Pantasote Leather Company, Passaic, N. J. Textile fabric or similar article of manufacture. 96,563; Aug. 13.
- Schicker, Oscar F., Teaneck, N. J. Lace or the like. 95,150; Apr. 9.
- Schimmelfeng, Jean, Chicago, Ill. Attachable shelf. Des. 94,571; Feb. 12.
- Schlafman, Clifford J., Merchantville, assignor to Warren Webster & Company, Camden, N. J. Radiator valve. 96,939; Sept. 17.
- Schlafman, Clifford J., Merchantville, N. J., assignor to Warren Webster & Company, Camden, N. J. Radiator trap. 97,414; Nov. 5.
- Schlage Lock Company. (See Schlage, Walter R., assignor.)
- Schlage, Walter R., assignor to Schlage Lock Company, San Francisco, Calif. Key. Des. 95,077; Apr. 2.
- Schleicher, Robert F., assignor to Edward L. Silverman, New York, N. Y. Globe. 96,626; Aug. 20.
- Schleimer, Floyd V., assignor to United States Appliance Corporation, San Francisco, Calif. Permanent hair waving heater. 97,358; Oct. 29.
- Schlender, Edward T., Chicago, Ill. Holder for cigarettes or the like. Des. 94,781; Mar. 5.
- Schlenker, Max, La Salle, Ill. Clock Case. 95,188; Apr. 16.

- Schlenker, Max, La Salle, Ill. Clock Case. 95,189; Apr. 16.
- Schlesinger, Frank A., Thornwood, N. Y. Emblematic badge or similar article. 95,381; Apr. 23.
- Schlesinger, Frank A., Thornwood, N. Y. Emblematic badge or similar article. 95,382; Apr. 23.
- Schmalz, William F., Rockville, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure. 97,507; Nov. 12.
- Schmeller Holding Company. (See Schmeller, John, Sr., assignor.)
- Schmeller, John, Sr., Lakewood, assignor to Schmeller Holding Company, Cleveland, Ohio. Reworking finely divided metal particles. Re19,490; Mar. 5.
- Schmidt, Carl A., St. Paul, Minn. Fan mounting. 97,650; Nov. 26.
- Schmidt, Karl, New York, N. Y. Toy. 96,139; July 2.
- Schmidt, Otto, (also known as Otto Sorosoto), assignor to Wurlitzer Grand Piano Company, De Kalb, Ill. Piano accordion. 96,343; July 23.
- Schmitt, John W., Pochontas, Ill. Claw for wire stretchers. Des. 94,635; Feb. 19.
- Schnefel, Maximilian, East Orange, N. J. Container for nail polish manicure set. 95,866; June 4.
- Schneider, Arthur B., Chicago, Ill. Container for toilet goods articles. Des. 94,364; Jan. 15.
- Schneider, Louis, New York, N. Y. Lady's coat. 96,701; Aug. 27.
- Schneider, Norman D. (See Deutsch, S. E., and Schneider.)
- Schnell, William, Detroit, and J. Oswald, Lansing, Mich., assignors to Terwest Manufacturing Company, Detroit, Mich. Automobile radiator ornament or similar article. Des. 94,444; Jan. 29.
- Schnittman, Pauline, New York, N. Y. Negligee. 95,709; May 21.
- Schob, Anthony J., Parkwood Manor, Pa. Studio couch. Des. 95,078; Apr. 2.
- Schofer, Fred, assignor to Durable Toy and Novelty Corporation, New York, N. Y. Target aeroplane for amusement devices. 96,702; Aug. 27.
- Scholes, Howard S., Cranston, assignor to J. J. White Manfg. Co., Providence, R. I. Jewelry display box. 95,151; Apr. 9.
- Scholnick Shoe Co. (See Atkins, Thomas R., assignor.)
- Scholnick Shoe Co. (See Bush, Estelle, assignor.)
- Scholnick Shoe Co. (See Davies, Josephine, assignor.)
- Scholnick Shoe Co. (See Doring, Ernest C., assignor.)
- Scholnick Shoe Co. (See Fishman, Jacob, assignor.)
- Scholnick Shoe Co. (See Zinit, Evelyn, assignor.)
- Schott, Ray J. (See Heggy, B. E., Smith, and Schott.)
- Schreckengost, Donald. (See Sebring, F. H., Jr., and Schreckengost.)
- Schreckengost, Viktor, assignor to The Limoges China Company, Sebring, Ohio. Cream pitcher. 95,152; Apr. 9.
- Schrecker, S., Glove Co. (See Zuckerwar, Richard C., assignor.)
- Schrems, Joseph, Cleveland, Ohio. Banner or similar article. 96,281; July 16.
- Schu, Matt, Chicago, Ill. Combined game apparatus and vending machine. 95,990; June 18.
- Schuelke, Emil A., assignor to The Napier Company, Meriden, Conn. Service stand for the display of hors d'oeuvres. 97,306; Oct. 22.
- Schultz, August, New York, N. Y. Sleeve holder. 97,508; Nov. 12.
- Schultz, Edward, assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Combined ash receptacle and match holder. Des. 94,365; Jan. 15.
- Schultz, Edward, assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Smoking stand. 95,550; May 7.
- Schultz, Edward, assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Smoking stand. 95,551; May 7.
- Schumacher, Albert, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. Des. 95,079; Apr. 2.
- Schumacher, Albert, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 95,781; May 28.
- Schumacher, Albert, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 95,933; June 11.
- Schumacher, Albert, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 96,059; June 25.
- Schumacher, Albert, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 97,097; Oct. 1.
- Schurmann, Frederick A., Brooklyn, N. Y. Display stand for potted plants. 97,093; Oct. 1.
- Schwalbe, Max E., New York, N. Y. Emblem or similar article. 95,932; June 11.
- Schwartz, Emil, New York, N. Y. Ensemble dress. 97,684; Dec. 3.
- Schwartz, Emil, New York, N. Y. Ensemble dress. 97,685; Dec. 3.
- Schwartz, Emil, New York, N. Y. Ensemble dress. 97,718; Dec. 3.
- Schwartz, Emil, New York, N. Y. Ensemble dress. 97,866; Dec. 17.
- Schwartz, Emil, New York, N. Y. Ensemble dress. 97,867; Dec. 17.
- Schwartz, Emil, New York, N. Y. Ensemble dress. 97,868; Dec. 17.
- Schwartz, Emil, New York, N. Y. Ensemble dress. 97,869; Dec. 17.
- Schwartz, Emil, New York, N. Y. Ensemble dress. 97,870; Dec. 17.
- Schwartz, Emil, New York, N. Y. Ensemble dress. 97,960; Dec. 24.
- Schwartz, Emil, New York, N. Y. Ensemble dress. 97,961; Dec. 24.
- Schwartz, Emil, New York, N. Y. Ensemble dress. 98,017; Dec. 31.
- Schwartz, Emil, New York, N. Y. Ensemble dress. 98,018; Dec. 31.
- Schwartz, Emil, New York, N. Y. Ensemble dress. 98,019; Dec. 31.
- Schwartz, Harry, assignor to Franklin Simon & Co., Inc., New York, N. Y. Ensemble dress. Des. 95,080; Apr. 2.
- Schwartz, Harry, assignor to Franklin Simon & Co., Inc., New York, N. Y. Ensemble dress. Des. 95,081; Apr. 2.
- Schwartz, Hyman, New York, N. Y. Game board or similar device. 96,060; June 25.
- Schwartz, Samuel M., Paterson, N. J. Textile fabric or similar article. 96,862; Sept. 10.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Co. of America, Chicago, Ill., a corporation of Illinois. Combined standard and base for floor lamps. 95,459; Apr. 30.
- Schwarzenbach Huber Co., The. (See Hardmeyer, Eugene J., assignor.)
- Schwarzkopf, Arthur R., assignor to Theo. A. Kochs Company, Chicago, Ill. Chair seat frame. 96,703; Aug. 27.
- Schwenenes, Henry A., assignor to Max B. Waterman, Chicago, Ill. Crucifix. 97,686; Dec. 3.
- Scott, Flora S. (See McBrier, William K., assignor.)
- Scott, George. (See Brown, C. W., and Scott.)
- Scott, George H., Lakewood, Ohio. Suction cleaner casing. 95,153; Apr. 9.
- Scott, Harry J., San Francisco, Calif. Siphon-Bottle head. 96,627; Aug. 20.
- Scott, Irving G., and M. C. Fox, New York, N. Y. Combined flower stand and holder. 95,710; May 21.
- Scott, Irving G., and M. C. Fox, New York, N. Y. Combined flower stand and holder. 96,418; July 30.
- Scott, Marshall R., Ripon, Wis., assignor to Barlow & Seelig Mfg. Co., Ripon, Wis. Washing machine. 96,137; July 2.
- Scott, Marshall R., assignor to Barlow & Seelig Mfg. Co., Ripon, Wis. Leg for a washing machine or similar article. 96,138; July 2.
- Scott, Marshall R., assignor to Barlow & Seelig Mfg. Co., Ripon, Wis. Wringer. 96,204; July 9.
- Scott, Norman E., Atlantic, Mass., assignor to Deerfield Glassine Company, Inc., Monroe Bridge, Mass. Fancy paper, or similar article. 95,782; May 28.
- Scott, Norman E., Atlantic, Mass., assignor to Deerfield Glassine Company, Inc., Monroe Bridge, Mass. Fancy paper or similar article. 96,282; July 16.
- Scovill Manufacturing Company. (See Karn, Albert, assignor.)
- Scovill Manufacturing Company. (See Moss, Edward R., assignor.)
- Scrantom, De Hart G., and L. H. Nyhagen, Maplewood, N. J. Apparatus for a game of skill. 97,563; Nov. 19.
- Screaten, Edith M., New York, N. Y. Lady's glove. Des. 94,712; Feb. 26.
- Scully, James W., Seattle, Wash. Composite container. 97,441; Nov. 5.
- Scurlock, Lewis H., Chicago, Ill. Food container unit. Des. 94,732; Mar. 5.
- Scurlock, Lewis H., Chicago, Ill. Food container unit. 95,384; Apr. 23.
- Scurlock, Lewis H., Chicago, Ill. Food container unit. 95,385; Apr. 23.
- Scurlock, Lewis H., Chicago, Ill. Food container unit. 95,386; Apr. 23.
- Scurlock, Lewis H., Chicago, Ill. Food container unit. 97,099; Oct. 1.
- Seagram, Joseph E., & Sons, Inc. (See Guyer, William, assignor.)
- Sears, Francis I., assignor to Bates Shoe Company, Webster, Mass. Shoe. 97,337; Oct. 29.
- Sears, Roebuck and Co. (See Loewy, Raymond, assignor.)
- Sears, Roebuck & Company. (See Morgan, John R., assignor.)
- Sebring, Charles L., assignor to The Sebring Pottery Company, Sebring, Ohio. Plate or similar article. 95,867; June 4.
- Sebring, Frank H., Jr., and D. Schreckengost, said Schreckengost assignor to F. H. Sebring, Jr. Sebring, Ohio. Plate. Des. 94,245; Jan. 1.
- Sebring Pottery Company. (See Sebring, Charles L., assignor.)
- Sederquist, Robert, Elgin, Ill. Shoe. 95,868; June 4.
- Soderquist, Robert, Elgin, Ill. Shoe. 96,419; July 30.
- Sedivy, Frank H., Verdigre, Nebr. Motorcycle. 97,019; Sept. 24.
- Seely, John M., near New Carlisle, assignor to The Champion Company, Springfield, Ohio. Burial vault. 97,744; Dec. 3.
- Segal, Samuel, New York, N. Y. Machine for breaking in shoes. Des. 94,445; Jan. 29.
- Segar, Lee, Troy, Pa. Folding door handle. 97,148; Oct. 8.
- Segelin, David, and S., Rochester, N. Y. Trousers. 97,719; Dec. 3.
- Segelin, Solomon. (See Segelin, David and S.)

- Seigel, Paul M., Chicago, Ill., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 95,991; June 18.
- Seitz, Dean C., Lakewood, assignor to Russ Soda Fountain Company, Cleveland, Ohio. Soda fountain cabinet. 97,871; Dec. 17.
- Seng Company, The. (See Fox, Martin, assignor.)
- Servel, Inc. (See Geddes, N. B., and Hamby, assignors.)
- Service Patents Corporation. (See Chernow, Michael, assignor.)
- Seymour Products Company, The. (See Saymon, Clarence, assignor.)
- Shaffer, Albert, Brooklyn, N. Y. Pencil sharpener. 95,992; June 18.
- Shaffer, Miriam N., Shaker Heights, Ohio. Child's garment. 96,781; Sept. 3.
- Shaffer, Adolph F., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Fly swatter. 97,962; Dec. 24.
- Shapiro, Benjamin, and I. M. Kay, assignors to The Berland Shoe Stores, Inc., St. Louis, Mo. Store sign. 95,154; Apr. 9.
- Shapiro, Isaac, et al. (See Balton, James, assignor.)
- Shapiro, James, Brookline, Mass., assignor to Universal Shoe Corporation, Sanford, Maine. Shoe or article of analogous nature. 97,210; Oct. 15.
- Shapiro, Joseph et al. (See Balton, James, assignor.)
- Shapiro, Nathan et al. (See Balton, James, assignor.)
- Shapiro, Samuel et al. (See Balton, James, assignor.)
- Shapiro, Samuel, New York, N. Y. Leather. 95,711; May 21.
- Shapiro, Samuel, New York, N. Y. Leather. 97,509; Nov. 12.
- Shapiro, Solomon, Cedarhurst, assignor to Arcraft Metal and Electrical Products, Inc., New York, N. Y. Cocktail shaker top or similar article. 96,628; Aug. 20.
- Shaw, Harry, Royal Oak, and C. J. Klein, assignors to General Motors Corporation, Detroit, Mich. Automobile radiator ornament. 97,872; Dec. 17.
- Shaw, Harry A., Huntington Woods, assignor to General Motors Corporation, Detroit, Mich. Automobile or similar article. Des. 94,995; Mar. 26.
- Shaw, Harry A., Huntington Woods, and C. J. Klein, Detroit, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Automobile radiator ornament or similar article. Des. 94,446; Jan. 29.
- Shawmut Manufacturing Corporation of Connecticut, The. (See Ginsburg, Solomon, assignor.)
- Sheaffer, W. A., Pen Company. (See Cuthbert, William R., assignor.)
- Sheffield, Earl A., assignor to Ball Brothers Company, Muncie, Ind. Glass bottle. 95,460; Apr. 30.
- Sheffield Silver Co. (See Mascuch, Frank J., assignor.)
- Sheindelman, Samuel, Lawrence, N. Y. Textile fabric. 97,415; Nov. 5.
- Sheindelman, Samuel, Lawrence, N. Y. Textile fabric. 97,416; Nov. 5.
- Shell Oil Company. (See Bering, D. A., and Davisson, assignors.)
- Shenker, Joseph, New York, N. Y. Radioreceiver. 96,140; July 2.
- Sherman, Francis H., Palmer, Mass. Container for Fragile Articles. 95,290; Apr. 16.
- Sherman, Francis H., Palmer, Mass. Container for Fragile Articles. 95,291; Apr. 16.
- Sherman, Rallston M., Glastonbury, and M. R. Knox, Hartford, Conn. Combined tank holder and pedestal therefor. 97,307; Oct. 22.
- Sheriff-Goslin Roofing Company. (See Goslin, Herbert G., assignor.)
- Shewalter, Clarence E., assignor to The Ohio Thermometer Company, Springfield, Ohio. Thermometer. Des. 95,082; Apr. 2.
- Shewalter, Clarence E., assignor to The Ohio Thermometer Company, Springfield, Ohio. Thermometer. 95,155; Apr. 9.
- Shields, John M., assignor to F. H. Noble & Co., Chicago, Ill. Box. 97,359; Oct. 29.
- Shipman, Archie V., Los Angeles, Calif. Dispensing device. 97,002; Sept. 24.
- Shirriff, Francis W., assignor to Shirriff's Limited, Toronto, Ontario, Canada. Combination group pack of individual cartons and container therefor. 97,510; Nov. 12.
- Shirriff's Limited. (See Shirriff, Francis W., assignor.)
- Shively, Walter E., Fairlawn, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tire. 97,149; Oct. 8.
- Shlesinger, William, assignor to J. Gillman, doing business as Gillman-Baker, Brooklyn, N. Y. Combination smoking stand and smoker's accessories. Des. 94,860; Mar. 12.
- Shore, Laura K., San Diego, Calif. Hat. 96,420; July 30.
- Shrader, Terry M., West Summit, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 96,061; June 25.
- Shuron Optical Company. (See Langknecht, Henry J., assignor.)
- Shyvers, Kenneth C., Chicago, Ill. Game device. 96,516; Aug. 6.
- Shyvers, Kenneth C., Chicago, Ill. Pin game board. 96,629; Aug. 20.
- Side, Frederick W., Philadelphia, and T. R. Harrison, Wynote, assignors to The Brown Instrument Company, Philadelphia, Pa. Instrument casing. Des. 94,255; Jan. 8.
- Siebert, Donald W., assignor to O. W. Siebert Company, Gardner, Mass. Swinging back for a baby carriage. Des. 94,996; Mar. 26.
- Siebert, O. W., Company. (See Siebert, Donald W., assignor.)
- Siebert, O. W., Company. (See Siebert, Otto W., assignor.)
- Siebert, Otto W., assignor to O. W. Siebert Company, Gardner, Mass. Velocipede. 96,344; July 23.
- Siegler, Abraham J., Brooklyn, N. Y. Lady's slipper. Des. 95,083; Apr. 2.
- Siegler, Abraham J., Brooklyn, N. Y. Lady's slipper. Des. 95,084; Apr. 2.
- Siegler, Abraham J., Brooklyn, N. Y. Lady's slipper. Des. 95,085; Apr. 2.
- Siegler, Abraham J., Brooklyn, N. Y. Lady's slipper. Des. 95,086; Apr. 2.
- Siegler, Abraham J., Brooklyn, N. Y. Lady's slipper. 96,205; July 9.
- Siegrist, Frank B., Kansas City, Mo. Wedding sheet. Des. 95,087; Apr. 2.
- Siemund, Herbert A., assignor to Franklin Die Casting Company, Chicago, Ill. Ship model ornament. 97,100; Oct. 1.
- Sikorsky Aircraft Corporation. (See Sikorsky, Igor I., assignor.)
- Sikorsky, Igor I., Long Hill, Conn. Airplane. 96,345; July 23.
- Sikorsky, Igor I., Nichols, Conn., assignor, by mesne assignments, to Sikorsky Aircraft Corporation. Airplane. Des. 94,926; Mar. 19.
- Sikorsky, Igor I., Nichols, assignor to Sikorsky Aircraft Corporation, Stratford, Conn. Airplane. 95,619; May 14.
- Sikorsky, Igor I., Nichols, Conn., assignor, by mesne assignments, to United Aircraft Corporation. Airplane. 97,538; Nov. 19.
- Silk, Louis A., New York, N. Y. Embroidered fabric. 97,619; Nov. 26.
- Silk, Louis A., New York, N. Y. Embroidered fabric. 97,651; Nov. 26.
- Silverman, Edward L. (See Schleicher, Robert F., assignor.)
- Silverman, Miles M., assignor to The Closure Service Company, Toledo, Ohio. Bottle cap. 96,704; Aug. 27.
- Silverstein, Irene F., St. Albans, N. Y. Laundry bag or similar article. 95,712; May 21.
- Silverstein, Murray New York, N. Y. Dress. 95,461; Apr. 30.
- Simon, Franklin, & Co. (See Foss, Helen E., assignor.)
- Simon, Franklin, & Co. (See Goodman, Abraham, assignor.)
- Simon, Franklin & Co. (See Weinberg, Cecile, assignor.)
- Simon, Franklin, & Co. Inc. (See Lahn, Blanche, assignor.)
- Simon, Franklin, & Co., Inc. (See Schwartz, Harry, assignor.)
- Simon, Franklin, & Co., Inc. (See Woolfe, William S., assignor.)
- Simon, Henrietta, New York, N. Y. Shoe. Des. 94,447; Jan. 29.
- Simon, Henrietta, New York, N. Y. Shoe. Des. 94,448; Jan. 29.
- Simon, Henrietta, New York, N. Y. Shoe. Des. 94,449; Jan. 29.
- Simon, Henrietta, New York, N. Y. Shoe. Des. 94,450; Jan. 29.
- Simon, Henrietta, New York, N. Y. Shoe. Des. 94,636; Feb. 19.
- Simpkins, Carl R., Inglewood, assignor to J. F. Meyer, Pasadena, Calif. Vending machine cabinet. 96,564; Aug. 13.
- Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 95,713; May 21.
- Sindler, Jay J., Malden, Mass. Food utensil or similar article. Des. 95,088; Apr. 2.
- Singer Manufacturing Company, The. (See Vollman, Joseph, assignor.)
- Sinke, John, Chicago, Ill. Cap for the gas tank of an automobile. 97,101; Oct. 1.
- Siptrott, Paul. (See Perla, S., and Siptrott.)
- Sisselman, Abraham, New York, N. Y. Lady's coat. 95,714; May 21.
- Sisselman, Abraham, New York, N. Y. Coat. 96,421; July 30.
- Sisselman, Abraham, New York, N. Y. Suit. 97,020; Sept. 24.
- Skipp, Herbert J. A., East Providence, R. I., assignor to Uncas Manufacturing Company. Finger ring or similar article of jewelry. 96,705; Aug. 27.
- Slater, C. B., Company. (See Drake, Harold M., assignor.)
- Sledge, Edward D., Jr., assignor to Coca-Cola Company, Atlanta, Ga. Bowl. 97,308; Oct. 22.
- Slezak, Vincent F., assignor to A. E. T. Manufacturing Company, Chicago, Ill. Amusement game cabinet. 96,706; Aug. 27.
- Sloan, Edward C., Geneva, Ill., assignor to General Electric Company. Cigarette box. 96,422; July 30.
- Sloan, Edward C., Geneva, Ill., assignor to General Electric Company. Box or similar container. 96,782; Sept. 3.
- Slobodkin, Simon H., New Rochelle, N. Y. Plate or similar article. 97,417; Nov. 5.
- Slobodkin, Simon H., New Rochelle, N. Y. Plate or similar article. 97,442; Nov. 5.

- Slote & Klein, Inc. (See Slote, Reuben, assignor.)
 Slote, Reuben, Mount Vernon, N. Y., assignor to Slote & Klein, Inc. Belt buckle. 97,150; Oct. 8.
 Small, James W., and E. W. Pahlke, Chicago, Ill. Trailer. 97,443; Nov. 5.
 Smith, Arthur G. (See Ely, Arthur, assignor.)
 Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Bottle. Des. 94,246; Jan. 1.
 Smith, Frasier, Wheeling, W. Va., assignor to Jewett & Sherman Co., Inc., Milwaukee, Wis. Jar. Des. 94,783; Mar. 5.
 Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. Des. 94,861; Mar. 12.
 Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Bottle. Des. 94,862; Mar. 12.
 Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Bottle. 95,462; Apr. 30.
 Smith, Frasier, Wheeling, W. Va., assignor to Blue Plate Foods, Inc., New Orleans, La. Jar. 95,620; May 14.
 Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jug. 96,142; July 2.
 Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 97,102; Oct. 1.
 Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Bottle. 97,211; Oct. 15.
 Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Bottle. 97,512; Nov. 12.
 Smith, Frasier, Wheeling, W. Va., assignor to The R. T. French Company, Rochester, N. Y. Jar or the like. 97,825; Dec. 10.
 Smith, G. Edwin, Shoe Company, The. (See Hurlig, Albert, assignor.)
 Smith, Harold O., Philadelphia, Pa. Casing for an Automobile Signal Light. 95,292; Apr. 16.
 Smith, Henry E., assignor to Parks & Parks, Inc., Troy, N. Y. Dauber. Des. 95,089; Apr. 2.
 Smith, Herbert A. (See Broomhall, V., and Smith.)
 Smith, Herman G. (See Heggy, B. E., Smith, and Schott.)
 Smith, Jesse H., Westfield, Mass. Surface treating device. 96,630; Aug. 20.
 Smith, Kenneth, Kansas City, Mo. Golf club. 97,418; Nov. 5.
 Smith, L. C. & Corona Typewriters, Inc. (See Flanigan, John J., assignor.)
 Smith, Lawrence C., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Drinking fountain. Des. 94,866; Jan. 15.
 Smith, Margery M., Brooklyn, N. Y., assignor to Contalner Corporation of America, Chicago, Ill. Carton. 95,934; June 11.
 Smith, Maurice A., Jeannette, Pa. Bowl. 95,783; May 28.
 Smith, Maurice A., Jeannette, Pa. Casserole. 96,141; July 2.
 Smith, Milton B., Perrysburg, assignor to Hettrick Manufacturing Company, Toledo, Ohio. Glider. Des. 94,997; Mar. 26.
 Smith, Milton B., Perrysburg, assignor to Hettrick Manufacturing Company, Toledo, Ohio. Glider. Des. 94,998; Mar. 26.
 Smith, Newell R., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 96,062; June 25.
 Smith, Ralph E., assignor to The Gallon Metallic Vault Company, Galion, Ohio. Burial vault. 96,631; Aug. 20.
 Smith, Reuben R., Exton, Pa., assignor to Continental Distilling Corporation, Philadelphia, Pa. Bottle. 96,565; Aug. 13.
 Smith, Reuben R., Exton, assignor to Continental Distilling Corporation, Philadelphia, Pa. Bottle. 97,720; Dec. 3.
 Smith, Russell W., Kenilworth, N. J. Bottle. 96,423; July 30.
 Smith, Saul S., Erie, Pa. Stocking or Similar Article. 95,293; Apr. 16.
 Smokador Manufacturing Co. (See Sander, A. H., and Pratt, assignors.)
 Snyder, Eugene L., Canton, Ohio. Dish. 95,935; June 11.
 Snyder, Helen I., Chicago, Ill. Hot pot holder. 96,783; Sept. 3.
 Sobel, Harry, New York, N. Y. Sandal. 96,424; July 30.
 Socony-Vacuum Oil Company. (See Geddes, N. R., and Landefeld, assignors.)
 Soden, Fred H., assignor to Continental Optical Company, Inc., Rochester, N. Y. Bridge for eyeglasses. Des. 94,286; Jan. 8.
 Soden, Fred H., assignor to Continental Optical Company, Inc., Rochester, N. Y. Eyeglass bridge. 95,869; June 4.
 Soderblom, Carl W. (See Hellonen, Victor, assignor.)
 Soellner, Oscar D., assignor to Exhibit Supply Co., Chicago, Ill. Vending machine cabinet. 95,156; Apr. 9.
 Sofransky, Joseph, New York, N. Y. Shoe. Des. 94,451; Jan. 29.
 Sofransky, Joseph, New York, N. Y. Shoe. Des. 94,452; Jan. 29.
 Sofransky, Joseph, New York, N. Y. Shoe. Des. 94,453; Jan. 29.
 Sofransky, Joseph, New York, N. Y. Shoe. 95,383; Apr. 23.
 Sofransky, Joseph, New York, N. Y. Shoe or similar article. 95,870; June 4.
 Sofransky, Joseph, New York, N. Y. Shoe or similar article. 95,871; June 4.
 Sofransky, Joseph, New York, N. Y. Shoe or similar article. 96,143; July 2.
 Sofransky, Joseph, New York, N. Y. Shoe or similar article. 96,784; Sept. 3.
 Sola Electric Co. (See Dickson, Ralph A., assignor.)
 Solux Lights Corporation. (See Chamberlain, William H., assignor.)
 Solomon, Louis. (See Compton, H. P., and Solomon.)
 Solomon, Max, New York, N. Y. Lace. 97,564; Nov. 19.
 Solomon, Max, New York, N. Y. Lace. 97,565; Nov. 19.
 Solomon, Max, New York, N. Y. Lace. 97,566; Nov. 19.
 Solomon, Max, New York, N. Y. Lace. 97,745; Dec. 3.
 Solomon, Max, New York, N. Y. Lace. 97,746; Dec. 3.
 Solomon, Max, New York, N. Y. Lace. 97,747; Dec. 3.
 Solomon, Morris B., New York, N. Y. Flower vase or similar article. 96,707; Aug. 27.
 Son, Anthony J., Mattapan, assignor to MacGregor Instrument Company, Needham, Mass. Combination hypodermic needle and hub. Des. 95,090; Apr. 2.
 Soref, Harry E., and J. K. Marshall, assignors to Master Lock Company, Milwaukee, Wis. Combination padlock. 95,463; Apr. 30.
 Sorosoto, Otto. (See Schmidt, Otto.)
 Spake, Richard W., assignor to Comstock-Castle Stove Company, Quincy, Ill. Heater. 96,206; July 9.
 Spaul, Abraham N., Rochester, N. Y. Combination merchandise and display package. 96,425; July 30.
 Sparks-Withington Company, The. (See Gentz, Edward W.)
 Speck, James F., Altus, Okla. Store. 97,687; Dec. 3.
 Speck, Walter, Haledon, N. J., assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. 96,517; Aug. 6.
 Speidel, Albert E. R., assignor to Speidel Corporation, Providence, R. I. Bracelet Chain. 95,190; Apr. 16.
 Speidel, Albert E. R., assignor to Speidel Corporation, Providence, R. I. Bracelet Chain. 95,191; Apr. 15.
 Speidel Corporation. (See Speidel, Albert E. R., assignor.)
 Spence, James E., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Bottle. Des. 94,863; Mar. 12.
 Spence, James E., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Bottle. Des. 94,864; Mar. 12.
 Spence, James E., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Tumbler. 97,103; Oct. 1.
 Spencer Lens Company. (See Ott, Harvey N., assignor.)
 Sperlich, Herman A., and J. H. Uhlig, Detroit, Mich. Ironing machine cabinet. 95,552; May 7.
 Spero, Bernard, Chicago, Ill., assignor to Belgard-Spero, Inc. Lens strap. Des. 94,784; Mar. 5.
 Spiro, Ralph B., New York, N. Y. Dress. 98,020; Dec. 31.
 Spitzer, Alfred, Cambridge, Mass. Smoking stand. Des. 94,572; Feb. 12.
 Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. Des. 94,785; Mar. 5.
 Springfield Leather Products Company, The. (See Lupfer, R. N., and Mueller, assignors.)
 Square D Company. (See Teague, Walter D.)
 Staack, Raymond F., Oakland, Calif. Burial casket. 96,863; Sept. 10.
 Staack, Raymond F., Oakland, Calif. Burial casket. 96,864; Sept. 10.
 Stabenow, Arthur H. E., Portland, Oreg. Knitted fabric or similar article. 97,444; Nov. 5.
 Stahl, Eugene, assignor to Fosterla Glass Company, Moundsville, W. Va. Decanter or similar article. 95,872; June 4.
 Stam, Orville, Los Angeles, Calif. Exerciser. 97,721; Dec. 3.
 Standard Brands Incorporated. (See Green, Frank O., assignor.)
 Standard Mirror Company. (See LaHodny, W., and Hoff, assignors.)
 Standard Oil Company, The. (See Carmitchel, Alfred B., assignor.)
 Standard Oil Company. (See Oetjen, Arthur D., assignor.)
 Standard Pressed Steel Co. (See Hallowell, H. T., and Bennett, assignors.)
 Standard Sanitary Manufacturing Company. (See Reed, Henry M., Jr., assignor.)
 Standard Stations, Inc. (See Van Evera, Charles A., assignor.)
 Standard Ticket Games Corporation. (See Collison, E. E., and Kirk, assignors.)
 Stanley, Harry, Rocky River, and V. J. Moir, Cleveland Heights, Ohio. Musical instrument bridge, or similar article. 97,104; Oct. 1.
 Stanley, Robert L., and A. G. Orear, assignors to Unit Air Corporation, Los Angeles, Calif. Hair drying machine. 95,157; Apr. 9.
 Stanley Works, The. (See Parsons, Stuart W., assignor.)
 Star Engraving Company. (See Boehme, John, assignor.)
 Star Engraving Company. (See Pallsion, Georges, assignor.)
 Stark, Frederick W. (See Kintz, A. G., and Stark.)
 Stark, Frederick W., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. Des. 95,092; Apr. 2.
 Stark, Leo R., assignor to M. W. O'Riley, Cedar Rapids, Iowa. Burner. Des. 94,317; Jan. 8.
 Starr, Joseph, New York, N. Y. Shoe. 97,787; Dec. 10.
 Starr, Joseph, New York, N. Y. Shoe. 97,788; Dec. 10.
 Starr, Joseph, New York, N. Y. Shoe. 97,789; Dec. 10.
 Staver, Edward F., New York, N. Y., assignor to Goat Radio Tube Parts, Inc. Radio tube shield. 97,151; Oct. 8.

- Staver, Edward F., New York, and F. Hafecost, Brooklyn, N. Y., assignors to Goat Radio Tube Parts, Inc. Radio tube shield. 97,169; Oct. 8.
- Stechbart, Bruno, assignor to The Bell & Howell Company, Chicago, Ill. Picture projecting machine base. 95,553; May 7.
- Stechbart, Bruno, assignor to The Bell & Howell Company, Chicago, Ill. Picture projecting machine base. 95,554; May 7.
- Steel Stamping Company, The. (See Bregman, Harry, assignor.)
- Steele, Cecilia B., Kansas City, Mo. Toy penguin. Des. 94,454; Jan. 29.
- Steelman, James S., Millville, N. J., assignor to Whitall Tatum Company, New York, N. Y. Bottle. Des. 94,393; Jan. 22.
- Steelman, James S., Millville, N. J., assignor to Whitall Tatum Company, New York, N. Y. Bottle. Des. 94,573; Feb. 12.
- Steelman, James S., Millville, N. J., assignor to Whitall Tatum Company, New York, N. Y. Bottle. Des. 94,574; Feb. 12.
- Steelman, James S., Millville, N. J., assignor to Whitall Tatum Company, New York, N. Y. Bottle. Des. 94,575; Feb. 12.
- Steelman, James S., Millville, N. J., assignor to Whitall Tatum Company, New York, N. Y. Bottle. 95,464; Apr. 30.
- Steelman, James S., assignor to Whitall Tatum Company, Millville, N. J. Bottle. 95,555; May 7.
- Steelman, James S., Millville, N. J., assignor to The Black Prince Distilleries, Inc., Nutley, N. J. Bottle. 95,556; May 7.
- Steelman, James S., assignor to Whitall Tatum Company, Millville, N. J. Bottle. 97,748; Dec. 3.
- Stein, Joseph S., assignor to L. Lelong, Inc., Chicago, Ill. Bottle or similar article. Des. 94,786; Mar. 5.
- Stein, Joseph S., assignor to Lucien Lelong, Inc., Chicago, Ill. Bottle or similar article. 95,873; June 4.
- Stein, Joseph S., assignor to Lucien Lelong, Inc., Chicago, Ill. Box or similar article. 97,567; Nov. 19.
- Steingruber, George, Huntsville, Ala. Combination cook stove and utility cabinet. 96,865; Sept. 10.
- Steingruber, George, Huntsville, Ala. Electric heater casing. 97,003; Sept. 24.
- Steinman, Clarence J., St. Louis, Mo. Power unit for food preparing devices. 97,170; Oct. 8.
- Stemwedel, Albert L., assignor to Fee and Stemwedel, Inc., Chicago, Ill. Thermometer. Des. 94,576; Feb. 12.
- Stenson, Henry, Long Eaton, England, assignor to Gehring, Solomon & Birnbaum, Inc., New York, N. Y. Lace. 95,874; June 4.
- Stenson, Henry, Long Eaton, England, assignor to Gehring, Solomon & Birnbaum, Inc., New York, N. Y. Lace. 96,207; July 9.
- Stentiford, Henry J., Park Ridge, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Kitchen cabinet. 96,785; Sept. 3.
- Stephan, Geza, Chicago, Ill. Picture frame. 96,708; Aug. 27.
- Stephens, Albert N., assignor to Electric Home and Farm Authority, Incorporated, Chattanooga, Tenn. Placard or like article. 96,866; Sept. 10.
- Stephens, Andrew J., Kansas City, Mo. Building. Des. 94,787; Mar. 5.
- Sterling Company, The. (See Caston, Johnnye L., assignor.)
- Stern, Abraham, Avenne, Long Island, N. Y. Leather or similar material. Des. 94,999; Mar. 26.
- Stern, Irving H., Boston, Mass. Combination table. 95,465; Apr. 30.
- Stetson, Joseph, Chicago, Ill. Plate or similar article. 97,338; Oct. 29.
- Stetson Shoe Company, The. (See Lanz, Josef, assignor.)
- Steuer, Norman F., San Francisco, Calif., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. Des. 94,713; Feb. 26.
- Steuer, Norman F., San Francisco, Calif., assignor to Spencer Kellogg & Sons, Inc., Buffalo, N. Y. Bottle. 97,105; Oct. 1.
- Steuernagle, John H., Du Bois, assignor to Brockway Glass Company, Inc., Brockway, Pa. Bottle. 97,212; Oct. 15.
- Steuernagle, John H., Du Bois, assignor to Brockway Glass Company, Inc., Brockway, Pa. Bottle. 97,339; Oct. 29.
- Stevens, Clifford B., assignor to Holsum Products, Inc., Milwaukee, Wis. Jar. 95,993; June 18.
- Stevens, Roderick G., Chicago, Ill. Finger toothbrush. 97,360; Oct. 29.
- Stevenson, James H., Los Angeles, Calif. Child's wheeled vehicle. 95,557; May 7.
- Stevenson, Milton S., Larchmont, N. Y. Combined writing and typewriting desk. 96,518; Aug. 6.
- Stewart-Warner Corporation. (See Davis, Ernest W., assignor.)
- Stewart, Weir, New York, N. Y. Shoe. 98,021; Dec. 31.
- Stewart, Weir, New York, N. Y. Shoe. 98,022; Dec. 31.
- Stief Company, The. (See Stief, G. N., and Baker.)
- Stief, Gideon N., assignor to The Stief Company, Baltimore, Md. Spoon or similar article. 96,940; Sept. 17.
- Stief, Gideon N., and E. T. Baker, Baltimore, Md., assignors to The Stief Company. Spoon or similar article. Des. 94,637; Feb. 19.
- Stipek, James, Cicero, Ill. Display stand or the like. 96,867; Sept. 10.
- Stock, Otto F., assignor to The Julian & Kokenge Co., Columbus, Ohio. Shoe. Des. 94,520; Feb. 5.
- Stock, Otto F., assignor to The Julian & Kokenge Co., Columbus, Ohio. Shoe. Des. 94,521; Feb. 5.
- Stock, Otto F., assignor to The Julian & Kokenge Co., Columbus, Ohio. Shoe. Des. 94,522; Feb. 5.
- Stock, Otto F., assignor to The Julian & Kokenge Co., Columbus, Ohio. Shoe. Des. 94,523; Feb. 5.
- Stock, Otto F., assignor to The Julian & Kokenge Company, Columbus, Ohio. Shoe. 96,427; July 30.
- Stock, Otto F., assignor to The Julian and Kokenge Company, Columbus, Ohio. Shoe. 97,152; Oct. 8.
- Stoltz, Allen E., assignor to Carr, Ryder & Adams Company, Dubuque, Iowa. Kitchen cabinet. 97,309; Oct. 22.
- Stone, Harry, Chicago, Ill. Skate. 95,466; Apr. 30.
- Stone, William A., Kalamazoo, Mich. Lighting fixture. 97,213; Oct. 15.
- Stough, Charles R., assignor to Motor Wheel Corporation, Lansing, Mich. Wheel. 96,786; Sept. 3.
- Strahmann, Ruby M., New York, N. Y. Lamp. Des. 94,780; Mar. 5.
- Straus, Charles A., assignor to The Straus Company, Richmond, Va. Tumbler or similar article. 96,566; Aug. 13.
- Straus Company, The. (See Straus, Charles A., assignor.)
- Straus, Nathan, & Sons, Inc. (See Rampfel, Henry, assignor.)
- Strauss, Joseph B., San Francisco, Calif. Lift bridges. Des. 94,318; Jan. 8.
- Strauss, Paula, assignor of one-half to C. H. Gordon, New York, N. Y. Glove. 95,467; Apr. 30.
- Strawgate, Helen, Brooklyn, N. Y. Hat or similar article. 96,519; Aug. 6.
- Stritter, Karl A., Nahant, Mass. Shoe. Des. 94,638; Feb. 19.
- Stritter, Karl A., Nahant, Mass. Shoe. Des. 94,639; Feb. 19.
- Stritter, Karl A., Nahant, Mass. Shoe. Des. 94,640; Feb. 19.
- Strobel, Harold C., Jersey City, N. J., assignor to Bigelow Sanford Carpet Co., Inc. Rug. 96,868; Sept. 10.
- Strobel, Harold C., Jersey City, N. J., assignor to Bigelow Sanford Carpet Co., Inc. Rug. 96,869; Sept. 10.
- Strobel, Harold C., Jersey City, N. J., assignor to Bigelow Sanford Carpet Co., Inc. Rug. 96,870; Sept. 10.
- Stromberg, Emil A. (See Mitchell, Henry W., assignor.)
- Stronach, Harry S., Oak Park, Ill. Toy dog. 97,620; Nov. 26.
- Stupell, Leo K., New York, N. Y. Alphabet for forming monograms or the like. 95,936; June 11.
- Sturdevant, Thomas E., Denver, Colo. Contract blank. Des. 94,247; Jan. 1.
- Sturm, Jack A., assignor to H. C. Evans & Company, Chicago, Ill. Amusement game apparatus. 96,941; Sept. 17.
- Sturtevant, B. F., Company. (See Davis, Jesse H., assignor.)
- Suhr, Walter, Detroit, Mich. Combined pipe and smoking tray. 96,942; Sept. 17.
- Sullivan, Charles A., New York, N. Y. Bathrobe. 96,144; July 2.
- Sullivan, Oliver J., assignor to Corbin-Holmes Shoe Co., Hudson, Mass. Shoe. Des. 94,865; Mar. 12.
- Summers, Louis D., Sr., and L. D., Jr., assignors to Cole's Hot Blast Manufacturing Company, Chicago, Ill. Radiating heater casing. Des. 94,394; Jan. 22.
- Sundin, Theodore, New York, N. Y., assignor to Sagamore Metal Goods Corporation, Long Island City, N. Y. Vanity case or similar article. Des. 94,927; Mar. 19.
- Sunshine, Joseph E., Chicago, Ill. Watch. 96,208; July 9.
- Superior Felt & Bedding Co. (See Bowersox, Joseph W., assignor.)
- Surerus, Victor M., assignor to Inland Steel Company, Chicago, Ill. Tread plate. 95,158; Apr. 9.
- Surface, Morris E. (See Guild, L., and Surface.)
- Sutton, John C., assignor to The Brearley Company, Rockford, Ill. Bathroom scale casing. 97,568; Nov. 19.
- Sutton, Joseph A., New York, N. Y. Lace. 95,558; May 7.
- Sutton, Joseph A., New York, N. Y. Lace. 96,283; July 16.
- Sutton, Joseph A., New York, N. Y. Lace. 96,346; July 23.
- Sutton, Lewis M., Jr., Minneapolis, Minn., assignor to Hazel-Atlas-Glass Company, Wheeling, W. Va. Bottle. 93,937; June 11.
- Swallow, Ira I. (See Miller, W., and Swallow.)
- Swanson, Arthur P., Maine Township, Cook County, Ill. Aquarium. Des. 94,248; Jan. 1.
- Swanson, Arthur P., Des Plaines, Ill. Table. 96,632; Aug. 20.
- Swanson, Arthur P., Des Plaines, Ill. Table. 96,633; Aug. 20.
- Swanson, Oscar A. (See Taylor, J. G., and Swanson.)
- Swanson, Oscar A. (See Taylor, J. G., Wilson, and Swanson.)
- Swanson, Oscar A. (See Wilson, R. C., and Swanson.)
- Swanson, Oscar A., Dayton, Ohio. Tandem bimotored mid-wing monoplane. 97,361; Oct. 29.
- Swanson, Oscar A., Dayton, Ohio. Tandem bimotored monoplane. 97,652; Nov. 26.
- Sweeney, James A., Providence, R. I., assignor to Universal Optical Corporation. Bridge for an ophthalmic mounting. 97,511; Nov. 12.

- Sweeney, James A., Providence, R. I., assignor to Universal Optical Corporation. Bridge for an ophthalmic mounting. 97,790; Dec. 10.
- Sweet, Samuel. (See Farness, R., and Sweet.)
- Swindell Brothers, Incorporated. (See Dunnoek, John L., assignor.)
- Switzer, George, New York, N. Y., assignor to Lyons-Magnus, Incorporated, doing business as The E. G. Lyons & Raas Company, San Francisco, Calif. Bottle cap. 97,340; Oct. 29.
- Sypher, Milford G., Belleville, N. J., assignor to The Chilton Pen Company, Inc., Long Island City, N. Y. Fountain pen clip or similar article. 95,938; June 11.
- Syracuse Telectric Mfg. Corp. (See Sacrey, Elmer P., assignor.)
- Szigeti, Louis, Cleveland, Ohio. Bottle. 95,159; Apr. 9.
- Szumny, Anton. (See Berth, Sylvester M., assignor.)
- Szumny, Anton, and Sons. (See Berth, Sylvester M., assignor.)
- Talge, Foster L. (See Majewski, Joseph M., Jr., assignor.)
- Tappan Stove Company, The. (See Hadley, Donald L., assignor.)
- Taunton Pearl Works, Inc. (See Klindt, Harold, assignor.)
- Taufz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Scroll saw frame. Des. 94,788; Mar. 5.
- Taylor, Edward H., Oak Park, Ill. Automobile. Des. 94,287; Jan. 8.
- Taylor Instrument Companies. (See Brown, H. Brainard, assignor.)
- Taylor, James G., Dayton, R. C. Wilson, Fairfield, and O. A. Swanson, Dayton, Ohio. Mid-wing monoplane. 97,362; Oct. 29.
- Taylor, James G., Dayton, R. C. Wilson, Fairfield, and O. A. Swanson, Dayton, Ohio. Semi-mid-wing monoplane. 97,363; Oct. 29.
- Taylor, James G., Dayton, R. C. Wilson, Fairfield, and O. A. Swanson, Dayton, Ohio. Mid-wing monoplane. 97,364; Oct. 29.
- Taylor, James G., and O. A. Swanson, Dayton, Ohio. High wing monoplane. 97,722; Dec. 3.
- Teague, Walter D., Forest Hills, N. Y., assignor to Corning Glass Works, Corning, N. Y. Cup holder. Des. 94,524; Feb. 5.
- Teague, Walter D., Forest Hills, assignor to Corning Glass Works, Corning, N. Y. Casserole holder. Des. 94,577; Feb. 12.
- Teague, Walter D., Forest Hills, assignor to Corning Glass Works, Corning, N. Y. Casserole holder. Des. 94,578; Feb. 12.
- Teague, Walter D., Forest Hills, assignor to Corning Glass Works, Corning, N. Y. Casserole holder. Des. 94,579; Feb. 12.
- Teague, Walter D., Forest Hills, assignor to Corning Glass Works, Corning, N. Y. Casserole holder. Des. 94,580; Feb. 12.
- Teague, Walter D., Forest Hills, N. Y., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Combined wringer and casing for domestic washing machines. 95,715; May 21.
- Teague, Walter D., Forest Hills, N. Y., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Casing for a combined washing machine and drier. 95,716; May 21.
- Teague, Walter D., Forest Hills, assignor to The Texas Company, New York, N. Y. Service station. 97,539; Nov. 19.
- Teague, Walter D., New York, N. Y., assignor to Square D Company, Detroit, Mich. Panel board. Des. 94,789; Mar. 5.
- Teague, Walter D., New York, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y. Camera casing. 96,347; July 23.
- Teague, Walter D., New York, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y. Camera casing. 96,348; July 23.
- Teague, Walter D., New York, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y. Camera casing. 96,349; July 23.
- Teague, Walter D., New York, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y. Camera casing. 96,350; July 23.
- Teague, Walter D., New York, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y. Camera casing. 96,351; July 23.
- Teague, Walter D., New York, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y. Camera casing. 96,352; July 23.
- Teague, Walter D., New York, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y. Camera casing. 96,353; July 23.
- Teague, Walter D., New York, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y. Camera casing. 96,354; July 23.
- Teague, Walter D., New York, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc. Casing for autographic registers. 96,428; July 30.
- Teague, Walter D., New York, N. Y., assignor to American Sales Book Company, Inc. Casing for autographic registers. 96,429; July 30.
- Teahen, James M., Detroit, Mich. Flushing valve. Des. 94,288; Jan. 8.
- Tecca, Michael, Toronto, Ohio. Sanitary fork. 96,355; July 23.
- Tenderet Corporation. (See Hintz, John C., assignor.)
- Tenney, Julius S., New York, N. Y. Buckle. 97,688; Dec. 3.
- Ternstedt Manufacturing Company. (See Carlson, Eric S., assignor.)
- Ternstedt Manufacturing Company. (See Curtiss, G. E., and Klein, assignors.)
- Ternstedt Manufacturing Company. (See Karstadt, C., and Klein, assignors.)
- Ternstedt Manufacturing Company. (See Schnell, W., and Oswald, assignors.)
- Ternstedt Manufacturing Company. (See Shaw, H. A., and Klein, assignors.)
- Terrell, Caroline M., and L. Binder, New York, N. Y. Doll lamp. 97,021; Sept. 24.
- Testrite Instrument Co. (See von Nessen, Walter, assignor.)
- Texas Company, The. (See Holland, Harry W., assignor.)
- Texas Company, The. (See Teague, Walter D., assignor.)
- Textile Machine Works. (See Janssen, Henry, assignor.)
- Thau, Sam, Brooklyn, assignor to The Metropolitan Lamp Co., Inc., New York, N. Y. Combined base and column for smoker and floor lamp. Des. 94,928; Mar. 19.
- Thewes, William O., assignor to The Ridge Tool Company, North Ridgeville, Ohio. Tubing cutter. 97,513; Nov. 12.
- Thill, Roman J., Rockford, Ill., assignor to National Sewing Machine Company, Belvidere, Ill. Sewing machine cabinet. 96,146; July 2.
- Thomas, Cyril H., Chicago, Ill. Cable clamp. 95,939; June 11.
- Thompson, Doris S., Painesville, Ohio. Chessmen. 97,873; Dec. 17.
- Thompson, William E., Burlington, assignor to Embalming Burlal Case Company, Des Moines, Iowa. Casket. 95,388; Apr. 23.
- Thomsen, Thomas, Chicago, Ill. Game board. Des. 94,289; Jan. 8.
- Thomsen, William A. V., Plainfield, N. J., and C. G. Gross, Mount Vernon, N. Y., assignors to American Machine and Metals, Inc., New York, N. Y. Permanent hair waving machine or similar article. 96,145; July 2.
- Thorne, George T., assignor to Universal Button Fastening & Button Company, Detroit, Mich. Button. 96,063; June 25.
- Thucaky, Keriacos, Haverhill, Mass. Hand bag. 96,520; Aug. 6.
- Thucaky, Keriacos, Haverhill, Mass. Hand bag. 96,634; Aug. 20.
- Thurman, George R., St. Louis, Mo. Combined stand and holder for cigarettes or other articles. 97,310; Oct. 22.
- Thwaites, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Tank vehicle. Des. 94,790; Mar. 5.
- Thwaites, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Tank vehicle. Des. 94,791; Mar. 5.
- Thwaites, Frederick G., Wauwatosa, Wis., assignor to The Heil Co., Milwaukee, Wis. Semitrailer vehicular tank. 97,653; Nov. 26.
- Tiedemann, Henry, Newark, N. J. Combined desk unit. 96,709; Aug. 27.
- Tin Decorating Company of Baltimore, The. (See Connor, Martha H., assignor.)
- Tingley-Reliance Rubber Corporation. (See Jackson, Walter C., assignor.)
- Tips, Charles R., Three Rivers, Tex. Jar. 97,791; Dec. 10.
- Tjarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Instrument panel. Des. 94,395; Jan. 22.
- Tjarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Automobile. Des. 94,396; Jan. 22.
- Tjarda, John, Birmingham, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle instrument panel or similar article. 96,943; Sept. 17.
- Tjarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Water closet. 97,874; Dec. 17.
- Tjarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Refrigerator cabinet. 97,875; Dec. 17.
- Tjarda, John, Birmingham, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich. Faucet. 98,043; Dec. 31.
- Tobler & Hoenig. (See Erpf, Willy H., assignor.)
- Todd Company, The. (See Browne, Richard C., assignor.)
- Todd, Juanita, Yonkers, assignor to Sidney Blumenthal & Co., Inc., New York, N. Y. Textile fabric. 95,875; June 4.
- Todd, Juanita, Yonkers, assignor to Sidney Blumenthal & Co., Inc., New York, N. Y. Textile pile fabric. 97,153; Oct. 8.
- Toll, Karel H., Passaic, N. J. Cabinet for displaying, storing and dispersing oilcloth, or the like. Des. 94,367; Jan. 15.
- Tomkin, Isidore, Brooklyn, assignor to Eagle Clothes, New York, N. Y. Suit coat. 97,963; Dec. 24.
- Tonkin Distributing Co. (See Ahrens, Clyde W., assignor.)
- Torrington Company, The. (See Ball, Charles P., Jr., assignor.)

- Towle Manufacturing Company. (See Nock, Harold E., assignor.)
- Towner, Dewey E., Kansas City, Mo. Combined dial telephone holder and illuminator. 95,389; Apr. 23.
- Trafton, Howard A., New York, N. Y. Printing type font. 95,876; June 4.
- Tratsch, Walter A., Chicago, Ill. Amusement game cabinet. Des. 94,290; Jan. 8.
- Tratsch, Walter A., Chicago, Ill. Amusement game cabinet. Des. 94,291; Jan. 8.
- Tratsch, Walter A., Chicago, Ill. Game board. Des. 94,714; Feb. 26.
- Trautmann, Otto E., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Instrument table. 97,569; Nov. 19.
- Travis, John S., Long Island City, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Carpet. 95,994; June 18.
- Travis, John S., Long Island City, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Carpet. 96,064; June 25.
- Travis, John S., Long Island City, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Carpet. 96,065; June 25.
- Tricard, René, Paris, France, assignor to Lenthéric Incorporated, New York, N. Y. Bottle. Des. 94,397; Jan. 22.
- Tricard, René, Paris, France, assignor to Lenthéric Incorporated, New York, N. Y. Bottle. 96,871; Sept. 10.
- Triple-A-Specialty Company. (See Eden, Harold W., assignor.)
- Triplett Electrical Instrument Company, The. (See Triplett, Ray L., assignor.)
- Triplett, Ray L., assignor to The Triplett Electrical Instrument Company, Bluffton, Ohio. Bar knob. 96,944; Sept. 17.
- Troll, Foster C., Salem, Ohio. Jewelry display stand. 97,214; Oct. 15.
- Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Combined key holder and bottle opener. 97,570; Nov. 19.
- Tropic-Aire, Incorporated. (See Will, C. H., and Fink.)
- Troxel Manufacturing Company, The. (See Faulhaber, Roland W., assignor.)
- Troy, Seymour, New York, N. Y. Shoe. Des. 94,249; Jan. 1.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 96,787; Sept. 3.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 96,872; Sept. 10.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 97,811; Oct. 22.
- Trumbull, Frank S., Providence, R. I. Spoon or similar article. 95,160; Apr. 9.
- Trumbull, Frank S., Providence, R. I. Spoon or similar article. 96,710; Aug. 27.
- Trumbull, Frank S., Providence, R. I. Coffee pot. 97,445; Nov. 5.
- Trumbull, Frank S., Providence, R. I. Pitcher. 97,876; Dec. 17.
- Trumpler, Laura S., Dayton, Ohio. Combination sewing kit, thread holder, and thread cutter. Des. 95,000; Mar. 26.
- Trusler, Frank S., Vernon, Tex. Denture flask. 97,964; Dec. 24.
- Tschanz, Frederick B., assignor to The Artkraft Sign Company, Lima, Ohio. Sign. Des. 94,792; Mar. 5.
- Tschanz, Frederick B., assignor to The Artcraft Sign Company, Lima, Ohio. Sign. Des. 94,793; Mar. 5.
- Tschanz, Frederick B., assignor to The Artcraft Sign Company, Lima, Ohio. Sign. Des. 94,794; Mar. 5.
- Tuerk, Fred S., assignor to Hamilton Beach Manufacturing Company, Racine, Wis. Night light. Des. 94,368; Jan. 15.
- Tunik, Edward N., New York, N. Y. Ensemble dress. 96,945; Sept. 17.
- Tunnington, Alvah, Springfield, Mass., assignor to Bigelow Sanford Carpet Co., Inc. Rug. Des. 94,525; Feb. 5.
- Tunnington, Alvah, Springfield, Mass., assignor to Bigelow Sanford Carpet Co., Inc. Rug. Des. 94,526; Feb. 5.
- Turiansky, Abraham, New York, N. Y. Shoe. 95,940; June 11.
- Turiansky, Abraham, New York, N. Y. Shoe. 95,995; June 18.
- Turiansky, Abraham, New York, N. Y. Shoe. 95,996; June 18.
- Turiansky, Abraham, New York, N. Y. Shoe. 96,066; June 25.
- Turiansky, Abraham, New York, N. Y. Shoe. 96,067; June 25.
- Turiansky, Abraham, New York, N. Y. Shoe. 96,068; June 25.
- Turner, George L., assignor to Reed & Barton, Taunton, Mass. Spoon or similar article. 96,711; Aug. 27.
- Turner, Hughes C. (See Howell, Will, assignor.)
- Turner, Lawson W., assignor to N. & W. Overall Company, Inc., Lynchburg, Va. Overall. Des. 95,001; Mar. 26.
- Tuthill Pump Company. (See Kempton, Herbert E., assignor.)
- Twiggs, Russell G., Pittsburgh, Pa., assignor to J. T. & A. Hamilton Company. Glass bottle. Des. 94,250; Jan. 1.
- Twiggs, Russell G., Pittsburgh, Pa., assignor to J. T. & A. Hamilton Company. Glass bottle. Des. 94,251; Jan. 1.
- Tygart Valley Glass Company. (See Noble, Olbert C., assignor.)
- Tysdal, Joseph P., Fergus Falls, Minn. Toy train. 97,446; Nov. 5.
- Tyson, Herbert. (See Brown, C. W., and Tyson.)
- Tyson William J., New York, N. Y. Illuminated wreath ornament. 97,877; Dec. 17.
- Uhlig, Johannes H. (See Sperlich, H. A., and Uhlig.)
- Uhlmann, Otto E., assignor to Keeler Brass Company, Grand Rapids, Mich. Handle or similar article. Des. 94,795; Mar. 5.
- Uhlmann, Otto E., assignor to Keeler Brass Company, Grand Rapids, Mich. Handle or similar article. Des. 95,002; Mar. 26.
- Uhlemann, Richard C., Wilmette, Ill. Lens-strap. 96,635; Aug. 20.
- Uncas Manufacturing Company. (See Skipp, Herbert J. A., assignor.)
- Underberg, Henry, Brooklyn, N. Y., assignor to Frankart, Inc., New York, N. Y. Smoking Stand or Similar Article. 95,212; Apr. 16.
- Underwood, Chester R., assignor to The Knox Glass Bottle Company, Jackson, Miss. Container. Des. 94,641; Feb. 19.
- Underwood, John A., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Cooking stove. 96,284; July 16.
- Underwood, John A., Evanston, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Cooking range. 96,430; July 30.
- Unit Air Corporation. (See Stanley, R. L., and Orear, assignors.)
- United Aircraft Corporation. (See Sikorsky, Igor I., assignor.)
- United American Bosch Corporation. (See Long, Herbert J., assignor.)
- United Autographic Register Co. (See Budlong, Robert D., assignor.)
- United Distillers (of America) Ltd. (See Fuerst, Brooks D., assignor.)
- United Patents, Inc. (See Martin, Joseph, assignor.)
- United Shoe Machinery Corporation. (See Lovejoy, Fred C., assignor.)
- United Shoe Pattern Co. (See Atkins, Thomas R., assignor.)
- United Steel & Wire Company. (See Nixon, William W., assignor.)
- United States Appliance Corporation. (See Keele, Ralph M., assignor.)
- United States Appliance Corporation. (See Schleimer, Floyd V., assignor.)
- United States Electrical Manufacturing Company. (See Heyer, Don, assignor.)
- United States Glass Company. (See Keil, Charles R., assignor.)
- U. S. Lace Paper Works, Inc. (See Hutt, Robert J. and G. A., assignors.)
- U. S. Manufacturing Corporation. (See Bennett, John L., assignor.)
- U. S. Manufacturing Corporation. (See Platt, Stephen A., assignor.)
- U. S. Manufacturing Corporation. (See Shafter, Adolph F., assignor.)
- United States Rubber Products, Inc. (See Hafin, Harry J., assignor.)
- United States Rubber Products, Inc. (See McLaughlin, Nelson E., assignor.)
- United States Rubber Products, Inc. (See Samson, Charles, assignor.)
- Universal Button Fastening & Button Company (See Thorne, George T., assignor.)
- Universal Optical Corporation. (See Bosworth, Thomas E., assignor.)
- Universal Optical Corporation. (See Sweeney, James A., assignor.)
- Universal Shoe Corporation. (See Shapiro, James, assignor.)
- Uxbridge Worsted Company. (See White, Arthur, assignor.)
- Vail, Edgar L., New York, N. Y., and J. Berge, East Orange, N. J. Combined clock and mirror. Des. 94,715; Feb. 26.
- Vail, Jesse D., assignor to Gardner-Vail Inc., Chicago, Ill. Combined grab bar and soap tray. 97,514; Nov. 12.
- Valley Shoe Corporation. (See Goldman, Myron S., assignor.)
- Valley Shoe Corporation. (See Seigel, Paul M., assignor.)
- Valley Shoe Corporation. (See Weinstat, Samuel, assignor.)
- Valley Shoe Corporation. (See Zegorav, Bogislavs, assignor.)
- Van Bloem, Paul S., Great Neck, N. Y. Clock. 95,161; Apr. 9.
- Van Bloem, Paul S., Great Neck, N. Y. Clock. 95,162; Apr. 9.
- Van Bloem, Paul S., Great Neck, assignor to Viking Products Corporation, New York, N. Y. Clock. 96,431; July 30.
- Van Bloem, Paul S., Great Neck, assignor to Viking Products Corporation, New York, N. Y. Clock. 97,215; Oct. 15.
- Van Bloem, Paul S., Great Neck, N. Y. Combined clock and ash tray. 97,341; Oct. 29.
- Van Bloem, Paul S., Great Neck, N. Y. Combination clock and desk unit. 97,342; Oct. 29.
- Van Bloem, Paul S., Great Neck, N. Y., assignor to Viking Products Corporation, New York, N. Y. Clock. 97,419; Nov. 5.

- Van Doren, Harold L., and J. G. Rideout, Toledo, Ohio. Scale. 96,147; July 2.
- Van Doren, Harold L., and C. K. Ellsworth, Toledo, Ohio, assignors to Wheeling Steel Corporation, Wheeling, W. Va. Closure for containers or similar article. 95,877; June 4.
- Van Doren, Harold L., and J. G. Rideout, assignor to The American-National Company, Toledo, Ohio. Velocipede. 96,432; July 30.
- Van Doren, Harold L., and J. G. Rideout, assignors to The American-National Company, Toledo, Ohio. Velocipede. 96,636; Aug. 20.
- Van Doren, Harold L., and J. G. Rideout, assignors to The American-National Company, Toledo, Ohio. Velocipede. 96,712; Aug. 27.
- Van Doren, Harold L., and J. G. Rideout, assignors to The American-National Company, Toledo, Ohio. Velocipede. 96,713; Aug. 27.
- Van Doren, Harold L., Toledo, and J. G. Rideout, Perrysburg, assignors to The American-National Company, Toledo, Ohio. Cycle saddle seat. 97,343; Oct. 29.
- Van Dusen, Blanch S., Excelsior, Minn. Serving tray. Des. 94,642; Feb. 19.
- Van Evera, Charles A., Berkeley, Calif., assignor to Standard Stations, Inc., San Francisco, Calif. Female child figure or similar article. 96,356; July 23.
- Van Evera, Charles A., Berkeley, Calif., assignor to Standard Stations, Inc., San Francisco, Calif. Fanciful figure or similar article. 96,357; July 23.
- Van Marter, Russell H., Belleville, N. J. Artificial tree, or similar article of manufacture. 95,463; Apr. 30.
- Van Raalte Company. (See Crandall, Mildred, assignor.)
- Van Raalte Company. (See Hessberg, Irving K., assignor.)
- Van Schelle, Martial, Brussels, Belgium, and J. Allen, London, England. Tennis racket or similar article. 95,878; June 4.
- Vanward Plan, Inc. (See Dorset, Edward F., assignor.)
- Vernin, Louis M. P. C., assignor to Laboratories Galeniques Vernin, Melun, France. Multicellular receptacle. 97,216; Oct. 15.
- Vernon, Fred L., Newton, Iowa. Push guard. 95,717; May 21.
- Versen, Kurt, New York, N. Y. Adjustable stand lamp or similar article. 97,878; Dec. 17.
- Vetter, Ignatius J., New York, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Rug. 96,069; June 25.
- Viber Company Limited. (See Douglass, Forrest G., assignor.)
- Vickerman, Ella A., Pittsburgh, Pa. Refrigerator. 97,689; Dec. 3.
- Victor Casket Hardware Company. (See Pahlow, Gustav C., assignor.)
- Viking Products Corporation. (See van Bloem, Paul S., assignor.)
- Villas, John D., Minneapolis, Minn. Steering wheel. 95,879; June 4.
- Visscher, Gertrude P., River Forest, Ill. Shoe container. Des. 94,369; Jan. 15.
- Visser, John, assignor to Grand Rapids Metalcraft Corporation, Grand Rapids, Mich. Ash receiver. 97,171; Oct. 8.
- Viviano, Gaetano, Detroit, Mich. Bitters' bottle or similar article. 96,285; July 16.
- Vlock, Sidney, New York, N. Y. Lady's suit. 95,880; June 4.
- Vogel, Joseph M., Adrian, Mich. Beverage mixer. 95,559; May 7.
- Vogel, Ralph A., Columbus, Ohio. Ticket Holder or Article of Similar Nature. 95,192; Apr. 16.
- Voigt, Alexander E., Philadelphia, Pa. Automobile body. 95,718; May 21.
- Vollman, Felix B., Rockaway Park, N. Y. Charm or similar article of jewelry. 96,433; July 30.
- Vollman, Felix B., Rockaway Park, N. Y. Charm or similar article of jewelry. 96,434; July 30.
- Vollman, Joseph, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Stocking. 95,294; Apr. 16.
- Von Nessen, Walter, assignor to Testrite Instrument Co., New York, N. Y. Thermometer. 96,521; Aug. 6.
- Von Nessen, Walter, assignor to Testrite Instrument Co., New York, N. Y. Thermometer. 96,946; Sept. 17.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer. Des. 94,643; Feb. 19.
- Vuilleminot, Frederic A., Toledo, Ohio. Perfume atomizer. 95,390; Apr. 23.
- Vuilleminot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer case. 96,873; Sept. 10.
- Vuilleminot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 97,420; Nov. 5.
- Vuilleminot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Liquid atomizer. 97,515; Nov. 12.
- Vulcan Corporation. (See Darragh, Harry, assignor.)
- W. B. Paper Box Co. (See Regnault, Frank S., assignor.)
- Wange, Gilbert, Chicago, Ill. Electric flatiron. 96,070; June 25.
- Wachs, Frank C., Milwaukee, Wis. Game device. Des. 95,095; Apr. 2.
- Waggoner, Ralph, assignor to Marbelite Corporation of America, Ltd., Los Angeles, Calif. Lamp-post or similar article. 95,881; June 4.
- Wagman, Alock E., Boston, Mass. Shoe. 96,567; Aug. 13.
- Wagner, Frederick P., assignor to Brauer Bros. Inc., St. Louis, Mo. Trimming for shoes or similar article. 97,312; Oct. 22.
- Wagner, Frederick P., assignor to Brauer Bros. Inc., St. Louis, Mo. Trimming for shoes or similar article. 97,313; Oct. 22.
- Wagner, Frederick P., assignor to Brauer Bros. Inc., St. Louis, Mo. Trimming for shoes or similar article. 97,314; Oct. 22.
- Wagner, Jerome A., assignor to The Wagner Manufacturing Company, Sidney, Ohio. Combination saucepan. 97,022; Sept. 24.
- Wagner Manufacturing Company, The. (See Wagner, Jerome A., assignor.)
- Wahl Company, The. (See Back, Robert, assignor.)
- Wahlin, Fritz, assignor to Binks Manufacturing Company, Chicago, Ill. Spray gun. 95,719; May 21.
- Walinsky, Ossip J., New York, N. Y. Hand bag. Des. 94,929; Mar. 19.
- Walinsky, Ossip J., New York, N. Y. Combination hand bag and brief case. Des. 95,003; Mar. 26.
- Walinsky, Ossip J., New York, N. Y. Hand Bag Case. 95,295; Apr. 16.
- Walinsky, Ossip J., New York, N. Y. Vanity Case. 95,296; Apr. 16.
- Walinsky, Ossip J., New York, N. Y. Envelope hand bag. 95,391; Apr. 23.
- Walker, George W., Detroit, Mich. Washing machine casing. 96,788; Sept. 3.
- Walker, George W., Detroit, Mich. Washing machine casing. 96,789; Sept. 3.
- Walker, George W., Detroit, Mich. Washing machine casing. 96,790; Sept. 3.
- Walker, George W., Detroit, Mich. Washing machine casing. 96,791; Sept. 3.
- Walker, George W., Detroit, Mich., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Suction cleaner casing. Des. 94,370; Jan. 15.
- Walker, George W., Detroit, Mich., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Ironing machine cabinet. Des. 94,716; Feb. 26.
- Walker, George W., Detroit, Mich., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Ironing machine cabinet. Des. 94,717; Feb. 26.
- Walker, George W., Detroit, Mich., assignor to The Apex Electrical Manufacturing Co., Cleveland, Ohio. Refrigerator cabinet. Des. 94,930; Mar. 19.
- Walker, George W., Detroit, Mich., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Ironing machine supporting frame. 96,148; July 2.
- Walker, George W., Detroit, Mich., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Ironing machine cabinet. 96,149; July 2.
- Walker, Graham. (See Pruitt, B. W. and Walker.)
- Wallace, R., & Sons Manufacturing Company. (See Warren, William S., assignor.)
- Wallace, William V., British Concession, Tientsin, China. Rug. Des. 94,319; Jan. 8.
- Waller, Lee O., Philadelphia, Pa. Tooth powder applicator. 95,163; Apr. 9.
- Wallis, Zella, assignor to Wm. H. Molter Company, Chicago, Ill. Needlework basket. Des. 94,455; Jan. 29.
- Walsh, John J., Maplewood, Mo., assignor to Milius Shoe Company, St. Louis, Mo. Shoe. 95,469; Apr. 30.
- Walsh, John J., Maplewood, Mo., assignor to Milius Shoe Company, St. Louis, Mo. Shoe. 95,470; Apr. 30.
- Walsh, John J., Maplewood, Mo. assignor Milius Shoe Company, St. Louis, Mo. Shoe. 95,471; Apr. 30.
- Walsh, John J., Maplewood, Mo. Shoe. 97,421; Nov. 5.
- Walsh, John J., Maplewood, Mo. Shoe. 97,792; Dec. 10.
- Walsh, John J., Maplewood, Mo. Shoe. 97,793; Dec. 10.
- Walsh, John J., Maplewood, Mo. Shoe. 97,794; Dec. 10.
- Walsh, John J., Maplewood, Mo. Shoe. 97,795; Dec. 10.
- Walsh, Nicholas J. (See Butler, W. L. and Walsh.)
- Walther, John L., New York, N. Y. Textile fabric. 97,621; Nov. 26.
- Walther, John L., New York, N. Y. Woven textile fabric. 97,622; Nov. 26.
- Walton, Gay S., assignor to Julius Kayser & Co., New York, N. Y. Two-piece beach suit. 97,623; Nov. 26.
- Walworth Patents Inc. (See Cotton, C. H., and Roselund, assignors.)
- Ward, Howard M., Baltimore, Md. Display carton for paint brushes. Des. 94,581; Feb. 12.
- Ward, John C., Jr., assignor to The Rome Company, Inc., Rome, N. Y. Glider. 96,286; July 16.
- Ward, Ralph H., assignor to B/G Foods, Inc., Chicago, Ill. Dispensing booth or similar article. 97,516; Nov. 12.
- Warner, Ralph W. (See Mullen, Arthur E., assignor.)
- Warren, James P. (See Lee, Grace F., assignor.)
- Warren Telechron Company. (See Bars, Jacques M., assignor.)
- Warren Telechron Company. (See Kogan, Belle, assignor.)
- Warren Telechron Company. (See Kokins, Irwin W., assignor.)
- Warren Telechron Company. (See Lux, Eugene J., assignor.)
- Warren Webster & Company. (See Schlafman, Clifford J., assignor.)
- Warren, William S., Meriden, Conn., assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or similar article. Des. 94,931; Mar. 19.
- Warren, William S., Meriden, Conn., assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or similar article. 97,826; Dec. 10.
- Washburn Company, The. (See Andrews, Charles, assignor.)

- Waterbury Buckle Company, The. (See Lavigne, Jerome R., assignor.)
- Waterbury Buckle Company. (See Painter, Walter S., assignor.)
- Waterfield, James, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace. 97,023; Sept. 24.
- Waterfield, James, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace. 97,024; Sept. 24.
- Waterfield, James, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace. 97,025; Sept. 24.
- Waterfield, James, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace. 97,026; Sept. 24.
- Waterfield, James, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace. 97,027; Sept. 24.
- Waterman, L. E. Company. (See Larsen, Gabriel, assignor.)
- Waterman, Max B. (See Schwenneisen, Henry A., assignor.)
- Waters-Genter Company. (See Genter, H. C., and Ness.)
- Watertown Manufacturing Company, The. (See Neill, Joseph R., assignor.)
- Waterworth, Robert J., assignor to Prima Mfg. Company, Inc., Sidney, Ohio. Wringer. 97,422; Nov. 5.
- Watling Manufacturing Company. (See Watling, Thomas W. B., assignor.)
- Watling, Thomas W. B., assignor to Watling Manufacturing Company, Chicago, Ill. Front plate for the head of a coin controlled machine casing. Des. 94,718; Feb. 26.
- Watling, Thomas W. B., assignor to Watling Manufacturing Company, Chicago, Ill. Front plate for a coin controlled machine casing. Des. 94,719; Feb. 26.
- Watrall, Henry J., Astoria, N. Y. Drainer for dishes. 97,654; Nov. 26.
- Watson Company, The. (See Ball, Percy B., assignor.)
- Weaver, Earl L., assignor to The Goshen Manufacturing Company, Goshen, Ind. Swing. 95,941; June 11.
- Weaver, William A., Coventry, and M. Hamilton-Fletcher, Studland, England. Casing for an oil engine. 95,164; Apr. 9.
- Weber Dental Manufacturing Company, The. (See McDonald, Thomas M., assignor.)
- Weber, Evalyn, Chicago, Ill. Antenna for automobile radios. 97,447; Nov. 5.
- Weber, Max, Chicago, Ill. Air circulator. 95,720; May 21.
- Webster Company, The. (See Erwood, Joseph, assignor.)
- Weddell, Joseph K., New York, N. Y. Toy boat. Des. 95,004; Mar. 26.
- Wedgwood, Josiah, & Sons, Inc. of America. (See Goodwin, John E., assignor.)
- Weeks, Carl, assignor to The Armand Company, Des Moines, Iowa. Cosmetic jar. 97,723; Dec. 3.
- Weeks, Carl, assignor to The Armand Company, Des Moines, Iowa. Cosmetic box. 97,724; Dec. 3.
- Weigel, Norman E., Short Hills, N. J. Fountain pen nib. 95,882; June 4.
- Weil, Lewis P., Oak Lane, Pa. Supporting frame. Des. 94,932; Mar. 19.
- Weil, Lewis P., Oak Lane, Pa. Flower holder. 96,435; July 30.
- Weil, Lewis P., Oak Lane, Pa. Flower holder. 97,315; Oct. 22.
- Weil, Lewis P., Oak Lane, Pa. Flower holder. 97,365; Oct. 29.
- Weil, Lewis P., Oak Lane, Pa. Flower holder. 97,366; Oct. 29.
- Weil, Lewis P., Oak Lane, Pa. Flower holder. 97,367; Oct. 29.
- Weinberg, Cecile, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. 95,942; June 11.
- Weiner, Paul L., Brooklyn, N. Y. Shoe. Des. 94,797; Mar. 5.
- Weinstat, Samuel, New York, N. Y. Shoe. 95,193; Apr. 16.
- Weinstat, Samuel, New York, N. Y., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. Des. 94,456; Jan. 29.
- Weinstat, Samuel, Ozone Park, N. Y., assignor to Samuels Shoe Company, St. Louis, Mo. Shoe or article of analogous nature. Des. 94,933; Mar. 19.
- Weinstein, Philip, Brooklyn, N. Y. Shoe. Des. 94,582; Feb. 12.
- Weinstein, Philip, Brooklyn, N. Y. Shoe. Des. 94,583; Feb. 12.
- Weinstein, Philip, Brooklyn, N. Y. Shoe. Des. 94,584; Feb. 12.
- Weinstein, Philip, Brooklyn, N. Y. Shoe. Des. 94,585; Feb. 12.
- Weinstein, Philip, Brooklyn, N. Y. Shoe. Des. 94,586; Feb. 12.
- Weinstein, Philip, Brooklyn, N. Y. Shoe. Des. 94,587; Feb. 12.
- Weinstein, Philip, Brooklyn, N. Y. Shoe. Des. 94,798; Mar. 5.
- Weinstein, Philip, Brooklyn, N. Y. Shoe. Des. 94,799; Mar. 5.
- Weinstein, Philip, Brooklyn, N. Y. Shoe. 96,874; Sept. 10.
- Weinstein, Philip, Brooklyn, N. Y. Shoe. 96,875; Sept. 10.
- Weiskittel, Anton K., assignor to Harry C. Weiskittel Co. Inc., Baltimore, Md. Stove. 98,023; Dec. 31.
- Weiskittel, Harry C., Co. Inc. (See Weiskittel, Anton K., assignor.)
- Weiss, Albert F., University City, Mo. Razor blade sharpener. 96,071; June 25.
- Weiss, Leopold, New York, N. Y. Combined aquarium, clock, and vase. 96,947; Sept. 17.
- Weiss, Rose A., New York, N. Y. Blouse. Des. 95,005; Mar. 26.
- Weiss, Rose A., New York, N. Y. Blouse. Des. 95,098; Apr. 2.
- Weiss, Rose A., New York, N. Y. Blouse. 97,028; Sept. 24.
- Weissman, Beth, New York, N. Y. Ash tray or similar article. 96,209; July 9.
- Weissman, Beth, New York, N. Y. Lamp base or similar article. 96,287; July 16.
- Weissman, Beth, New York, N. Y. Lamp base or similar article. 97,571; Nov. 19.
- Weissman, Beth, New York, N. Y. Lamp base or similar article. 97,624; Nov. 26.
- Weissman, Beth, New York, N. Y. Lamp base or similar article. 97,625; Nov. 26.
- Wells, Emma B. C., assignor to The Butterick Company, New York, N. Y. Gown. 97,626; Nov. 26.
- Wells, Emma B. C., assignor to The Butterick Company, New York, N. Y. A gown. 97,627; Nov. 26.
- Wendl, Ferdinand, Long Island City, N. Y. Magazine holder. 96,876; Sept. 10.
- Wening, Frederick. (See Glatthar, G. E., and Wening.)
- Werfel, Harry A., Caldwell, N. J. Hand mirror. 96,288; July 16.
- Werfel, Harry A., Caldwell, N. J. Hand mirror. 97,749; Dec. 3.
- Werner, Frank C., Grand Rapids, Mich. Cooky. 95,784; May 28.
- Werner, Frank C., Grand Rapids, Mich. Cooky. 96,210; July 9.
- Werner, Richard W., Milwaukee, Wis. Hydraulic jack. 96,568; Aug. 13.
- Werring, Francis W., Haddon Heights, N. J. Outdoor lighting unit or similar article. 97,423; Nov. 5.
- Wesel, F., Manufacturing Company. (See Annick, Michael, assignor.)
- Wesp, George, assignor to Continental Ceramics Corporation, New York, N. Y. Plate or similar article. 95,165; Apr. 9.
- Wesp, George, assignor to Continental Ceramics Corporation, New York, N. Y. Plate or similar article. 95,166; Apr. 9.
- West, Richard M., Columbus, Ohio. Salt and pepper receptacle or similar article. 97,029; Sept. 24.
- West Bend Aluminum Co. (See Kircher, Ralph N., assignor.)
- Westmeyer, Joseph. (See Robinson, W., and Westmeyer.)
- Western Clock Company. (See Reinhardt, Joseph A., assignor.)
- Western Electric Company. (See Newton, Edwin E., assignor.)
- Western Equipment & Supply Company. (See Joze, Allen T., assignor.)
- Western Molded Products, Inc. (See LeClercq, Raymond, assignor.)
- Westfield Manufacturing Company, The. (See Clarke, Norman A., assignor.)
- Westfield Manufacturing Company. (See Duffy, Thomas I., assignor.)
- Westfield Manufacturing Company, The. (See Morgan, John R., assignor.)
- Westfield River Paper Company Inc. (See Coe, Kathleen, assignor.)
- Westgate, Oscar L., assignor to The R. T. French Company, Rochester, N. Y. Spoon or similar article. 97,344; Oct. 29.
- Westinghouse Electric & Manufacturing Company. (See Kruck, Ralph E., assignor.)
- Westlake, Edward G., assignor to Marshall Field & Company, Chicago, Ill. Bottle. Des. 94,398; Jan. 22.
- Weston, Edward F., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Photoelectric exposure meter. 97,827; Dec. 10.
- Weston Electrical Instrument Corporation. (See Weston, Edward F., assignor.)
- Wewetzer, Albert, Elgin, Ill. Vanity case. 96,073; June 25.
- Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Brush or similar article. 95,883; June 4.
- Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Brush or similar article. 96,072; June 25.
- Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Ring box. 96,289; July 16.
- Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Brush or similar article. 96,358; July 23.
- Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Brush or similar article. 96,359; July 23.
- Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Brush or similar article. 96,436; July 30.
- Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Vanity case. 96,714; Aug. 27.
- Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Comb. 96,792; Sept. 3.
- Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Hand mirror. 97,217; Oct. 15.
- Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Cosmetic container. 97,368; Oct. 29.

- Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Brush. 97,424; Nov. 5.
- Wheeler, Gardner E., assignor to The Bradley Smith Company, New Haven, Conn. Candy confection. 96,360; July 23.
- Wheeling Steel Corporation. (See Van Doren, H. L., and Ellsworth, assignors.)
- Whenham, Everett L., Los Angeles, Calif. Combination clothes and hat holder. 96,361; July 23.
- Whitall Tatum Company. (See Steelman, James S., assignor.)
- White, Arthur, assignor to Uxbridge Worsted Company, Inc., Uxbridge, Mass. Textile fabric. 97,628; Nov. 26.
- White, Arthur, assignor to Uxbridge Worsted Company, Inc., Uxbridge, Mass. Textile fabric. 97,655; Nov. 26.
- White, Arthur, assignor to Uxbridge Worsted Company, Inc., Uxbridge, Mass. Textile fabric. 97,656; Nov. 26.
- White, Harlan B., Bogalusa, La. Sheet metal. Des. 95,100; Apr. 2.
- White, Harry B., Canton, Ohio, assignor to The Hoover Company, North Canton, Ohio. Casing for a suction cleaner or similar article. 98,024; Dec. 31.
- White, J. J., Manfg. Co. (See Scholes, Howard S., assignor.)
- White, Morris, New York, N. Y. Hand bag. 95,392; Apr. 23.
- Whitehouse, Herbert G., Newark, N. J. Buckle. 95,721; May 21.
- White Mountain Manufacturing Company. (See Haley, Max G., assignor.)
- Whiting, Charles A., Franklin, Mass., assignor to Whiting & Davis Company, Plainville, Mass. Metal mesh fabric. 96,948; Sept. 17.
- Whiting & Davis Company. (See Whiting, Charles A., assignor.)
- Whitlock, Carl H., assignor to Norton Laboratories, Lockport, N. Y. Compact case. 96,211; July 9.
- Whitney, Edward E., assignor to Matthews Manufacturing Company, Worcester, Mass. Roller skate. 95,785; May 28.
- Wickersham, Harry P. (See Burns, Erwin, and Wickersham.)
- Widman, Charles H., assignor to The Murray Corporation of America, Detroit, Mich. Sink cabinet. 96,212; July 9.
- Wieczorek, William, Battle Creek, Mich. Ash tray or similar article. 96,949; Sept. 17.
- Wiener, Jack, New York, N. Y. Lace. Des. 94,252; Jan. 1.
- Wiener, Jack, New York, N. Y. Lace. Des. 94,371; Jan. 15.
- Wiener, Jack, New York, N. Y. Lace. Des. 94,372; Jan. 15.
- Wiggins, Dudley H., and W. T. Anderson, Indianapolis, Ind. Game device. Des. 94,253; Jan. 1.
- Wightman, Thomas H., Providence, R. I., assignor to Manchester Silver Company. Spoon or similar article. Des. 94,934; Mar. 19.
- Wilde, Hans, Cliffside Park, N. J. Upholstery fabric. 95,167; Apr. 9.
- Wildroot Company, Inc., The. (See Ritchie, Albert E., assignor.)
- Wiley, Clarence F., Norton, assignor to Glenwood Range Company, Taunton, Mass. Combination coal and gas range. 97,517; Nov. 12.
- Wiley, Lee M., Marlon, Ind., assignor to Delta Electric Company. Electric lantern. 95,943; June 11.
- Will, Carl H., and H. W. Fink, assignors to Tropic-Aire, Incorporated, Minneapolis, Minn. Automobile heater. 97,030; Sept. 24.
- Willard Storage Battery Company. (See Karnosh, Anthony R., assignor.)
- Wilber, Nicholas L., assignor to Railway Utility Company, Chicago, Ill. Car ventilator. 97,106; Oct. 1.
- Willey, Richard W. (See Richardson, B. E., and Willey.)
- Willhelm, William, New York, N. Y. Textile fabric or similar article. 97,572; Nov. 19.
- Williams, David S., Portland, Ore. Water closet or similar article. 97,796; Dec. 10.
- Williams, Findley. (See Worthington, E., and Williams.)
- Williams, Findley, Park Ridge, Ill., assignor to Russell Sweeper Company, Grand Rapids, Mich. Carpet sweeper. 97,244; Oct. 15.
- Williams, Findley, Park Ridge, Ill., assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet sweeper end plate. 97,245; Oct. 15.
- Williams, Finley, Chicago, Ill., assignor to Fostoria Glass Company, Moundsville, W. Va. Cocktail shaker top or similar article. Des. 94,373; Jan. 15.
- Williams, Harry E., St. Louis, Mo. Shoe. 95,472; Apr. 30.
- Williams, Harry E., St. Louis, Mo. Shoe. 95,473; Apr. 30.
- Williams, Harry E., St. Louis, Mo. Shoe. 95,560; May 7.
- Williams, Harry E., St. Louis, Mo. Shoe. 95,561; May 7.
- Williams, Harry E., St. Louis, Mo. Shoe. 96,877; Sept. 10.
- Williams, Harry E., St. Louis, Mo. Shoe. 97,004; Sept. 24.
- Williams, Harry J., assignor to The National Cash Register Company, Dayton, Ohio. Cash register cabinet. 96,715; Aug. 27.
- Williams, Norman E., assignor to F. E. Birch, trustee in bankruptcy of Ornamental Furniture Hardware Co., Rockford, Ill. Drawer pull. 96,878; Sept. 10.
- Williams, Ronald P., Norristown, assignor to Dexdale Hosiery Mills, Lansdale, Pa. Des. 94,588; Feb. 12.
- Williamson, Milton C., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Case for microscope and accessories. Des. 94,457; Jan. 29.
- Williamson, William H., Chicago, Ill. Advertising signboard. 97,445; Nov. 5.
- Willys-Overland Company, The. (See Edwards, Henry J., assignor.)
- Wilmsen, Bernard. (See Kranz, P., and Hartmann, assignors.)
- Wilmsen, Bernard, Philadelphia, Pa. Pumpkin lantern. Des. 94,935; Mar. 19.
- Wilson, John W., assignor to The John Gabel Manufacturing Company, Chicago, Ill. Cabinet for phonographs or the like. 97,690; Dec. 3.
- Wilson, John W., assignor to The John Gabel Manufacturing Company, Chicago, Ill. Cabinet for phonographs or the like. 97,691; Dec. 3.
- Wilson, John W., assignor to The John Gabel Manufacturing Company, Chicago, Ill. Cabinet for phonographs or the like. 97,692; Dec. 3.
- Wilson, Roscoe C. (See Taylor, J. G., Wilson, and Swanson.)
- Wilson, Roscoe C., Fairfield, and O. A. Swanson, Dayton, Ohio. Midwing monoplane. 97,657; Nov. 26.
- Wilson, Thomas, & Co. Inc. (See Giebel, Henry, assignor.)
- Wingfoot Corporation. (See Brittain, Harold A., assignor.)
- Wingfoot Corporation. (See Darrow, Burgess, assignor.)
- Wingfoot Corporation. (See Handy, George A., assignor.)
- Wingfoot Corporation. (See Shively, Walter E., assignor.)
- Winter, Irving A., Woodmere, N. Y. Dress. 95,722; May 21.
- Winters, Paul G., Philadelphia, Pa. Advertising sign. Des. 94,800; Mar. 5.
- Wise, Harry H., Chicago, Ill. Bottle. 97,218; Oct. 15.
- Wise, Jacob H., Chicago, Ill. Monument. 97,107; Oct. 1.
- Wise, William F., Detroit, Mich. Tool handle or similar article. 95,393; Apr. 23.
- Wiswell, Ozro N., Los Angeles, Calif. Can opener. 96,793; Sept. 3.
- Witte, Harold, assignor to Peerless Products Company, North Kansas City, Mo. Vending machine casing. 97,425; Nov. 5.
- Wizard, Inc. (See Mingle, Glenn A., assignor.)
- Wohlfeld, Edward J., Indianapolis, Ind. Game apparatus. 95,474; Apr. 30.
- Wohlfeld, Edward J., Indianapolis, Ind. Game apparatus. 95,475; Apr. 30.
- Wojcowski, Nellie, et al. (See Czarnecki, Walter, and W. V., Jr., assignors.)
- Wolf, Julius N., Philadelphia, Pa. Soft hat. 97,540; Nov. 19.
- Wolf, Milton M. (See Hartmann, Lina, assignor.)
- Wolf Silk Company. (See Hartmann, Lina.)
- Wolffelt, Curt, New York, N. Y. Shoe. Des. 94,796; Mar. 5.
- Wolffelt, Curt, New York, N. Y. Shoe. Des. 94,801; Mar. 5.
- Wolffelt, Curt, New York, N. Y. Shoe. 95,194; Apr. 16.
- Wolff, Harry, Lincoln, Nebr. Lever. 95,884; June 4.
- Wolfs, Sigmund L., Chicago, Ill. Book end. 97,154; Oct. 8.
- Wolfson, Samuel, New York, N. Y. Blouse. 96,879; Sept. 10.
- Wood, Glenn D., assignor to Posture Research Corporation, Elkhart, Ind. Chair or similar article. Des. 94,720; Feb. 26.
- Wood, Harry F., Burslem, England. Coffeepot or like article. 95,885; June 4.
- Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 95,886; June 4.
- Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 95,887; June 4.
- Woodhouse, William H., Hightstown, N. J. Lace. 96,574; Aug. 13.
- Woodhouse, William H., Hightstown, N. J. Lace. 96,575; Aug. 13.
- Woodhouse, William H., Hightstown, N. J. Lace. 97,246; Oct. 15.
- Woodhouse, William H., Hightstown, N. J., assignor to Gehring, Solomon & Birnbaum, Inc., New York, N. Y. Lace. 96,290; July 16.
- Woods, William A. (See Adams, W. J., Jr., and Woods.)
- Woodward, F. Russell, Attleboro, Mass., assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 96,074; June 25.
- Woodward, F. Russell, Attleboro, Mass., assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 96,075; June 25.
- Woody, Neil, Seattle, Wash. Combined hopper and guard for vegetable shredding machines. 97,828; Dec. 10.
- Woolnough, Edward H., Montreal, Quebec, Canada. Cravat holder. 96,880; Sept. 10.
- Workman, Bernard, New York, N. Y. Hat. 95,997; June 18.
- Workman, James M., Winnsboro, S. C. Building. Des. 94,320; Jan. 8.
- Worthington, Everett, assignor to McGraw Electric Company, Chicago, Ill. Tray. 97,031; Sept. 24.
- Worthington, Everett, assignor to McGraw Electric Company, Chicago, Ill. Glass dish. 97,693; Dec. 3.
- Worthington, Everett, assignor to McGraw Electric Company, Chicago, Ill. Glass dish. 97,694; Dec. 3.

- Worthington, Everett, and F. Williams, assignors to McGraw Electric Company, Chicago, Ill. Glass dish. 97,108; Oct. 1.
- Worthington, Everett, and F. Williams, assignors to McGraw Electric Company, Chicago, Ill. Glass dish. 97,109; Oct. 1.
- Worthington, Everett, and F. Williams, assignors to McGraw Electric Company, Chicago, Ill. Combined toast trimming knife and board. 97,316; Oct. 22.
- Worthington, Everett, Chicago, Ill., and M. Ireland, St. Paul, Minn., assignors to McGraw Electric Company, Chicago, Ill. Waffle baker. 97,879; Dec. 17.
- Wright, Allen A., Winnetka, assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Display stand. 96,291; July 16.
- Wright, Helen E., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Beach sandal. Des. 95,103; Apr. 2.
- Wright, Joseph, New York, N. Y. Flowerpot. 97,965; Dec. 24.
- Wurlitzer Grand Piano Company. (See Schmidt, Otto, assignor.)
- Wurlitzer, Rudolph, Manufacturing Company, The. (See Deverall, Charles N., assignor.)
- Wylie, Robert, assignor to Regal Shoe Co. Inc., New York, N. Y. Shoe. Des. 94,399; Jan. 22.
- Wylie, Robert, assignor to Regal Shoe Co. Inc., New York, N. Y. Shoe. Des. 94,400; Jan. 22.
- Yaeger, Howard F., assignor to Packard Motor Car Company, Detroit, Mich. Vehicle ornament or similar article. 97,587; Nov. 19.
- Yelm, Charles W., and H. M. Flint, assignors to The Gates Rubber Company, Denver, Colo. Tire casing. 97,750; Dec. 3.
- Yerkes, John C., et al. (See Yerkes, John C., assignor.)
- Yerkes, John C., assignor to J. C. Yerkes and J. Alloy, Philadelphia, Pa. Paper weight or similar article. 98,025; Dec. 31.
- Yoshida, Shogoro, Shitaku, Tokyo, Japan. Clock. 96,794; Sept. 3.
- Youker, Malcolm P., Bartlesville, Okla. Natural gas conversion process. Des. 19,500; Mar. 12.
- Young, Walter T., New York, N. Y. Textile fabric. 97,317; Oct. 22.
- Young, Walter T., New York, N. Y. Textile fabric. 97,320; Oct. 22.
- Youngholm, Albin, San Francisco, Calif. Instantaneous water heater. 95,562; May 7.
- Zadek, Arthur, New York, N. Y. Thermometer. 97,110; Oct. 1.
- Zahn, Philip, New York, N. Y. Dress. 95,476; Apr. 30.
- Zahn, Samuel, New York, N. Y. Dress. Des. 94,802; Mar. 5.
- Zahn, Samuel, New York, N. Y. Dress. Des. 94,803; Mar. 5.
- Zahn, Samuel, New York, N. Y. Dress. Des. 94,804; Mar. 5.
- Zahn, Samuel, New York, N. Y. Dress. Des. 94,805; Mar. 5.
- Zahn, Samuel, New York, N. Y. Dress. Des. 94,806; Mar. 5.
- Zahn, Samuel, New York, N. Y. Dress. Des. 94,866; Mar. 12.
- Zahn, Samuel, New York, N. Y. Dress. Des. 95,006; Mar. 26.
- Zahn, Samuel, New York, N. Y. Dress. Des. 95,007; Mar. 26.
- Zahn, Samuel, New York, N. Y. Dress. Des. 95,008; Mar. 26.
- Zahn, Samuel, New York, N. Y. Ensemble dress. Des. 95,009; Mar. 26.
- Zahn, Samuel, New York, N. Y. Dress. Des. 95,104; Apr. 2.
- Zahn, Samuel, New York, N. Y. Dress. Des. 95,105; Apr. 2.
- Zahn, Samuel, New York, N. Y. Dress. Des. 95,106; Apr. 2.
- Zahn, Samuel, New York, N. Y. Ensemble dress. Des. 95,107; Apr. 2.
- Zahn, Samuel, New York, N. Y. Dress. 95,195; Apr. 16.
- Zahn, Samuel, New York, N. Y. Dress. 95,196; Apr. 16.
- Zahn, Samuel, New York, N. Y. Dress. 95,297; Apr. 16.
- Zahn, Samuel, New York, N. Y. Dress. 95,298; Apr. 16.
- Zahn, Samuel, New York, N. Y. Dress. 95,477; Apr. 30.
- Zahn, Samuel, New York, N. Y. Dress. 95,563; May 7.
- Zahn, Samuel, New York, N. Y. Dress. 95,564; May 7.
- Zahn, Samuel, New York, N. Y. Dress. 95,565; May 7.
- Zahn, Samuel, New York, N. Y. Dress. 95,566; May 7.
- Zahn, Samuel, New York, N. Y. Ensemble dress. 95,998; June 18.
- Zahn, Samuel, New York, N. Y. Dress. 96,150; July 2.
- Zahn, Samuel, New York, N. Y. Dress. 96,151; July 2.
- Zahn, Samuel, New York, N. Y. Dress. 97,541; Nov. 19.
- Zahn, Samuel, New York, N. Y. Dress. 97,542; Nov. 19.
- Zahn, Samuel, New York, N. Y. Dress. 97,975; Dec. 24.
- Zegorav, Bogislavs, New York, N. Y. Shoe. 95,567; May 7.
- Zegorav, Bogislavs, New York, N. Y. Shoe. 95,568; May 7.
- Zegorav, Bogislavs, New York, N. Y., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 96,950; Sept. 17.
- Zeitlin, Joseph, New York, N. Y. Candle light or similar article. 95,999; June 18.
- Zell, David H., Brooklyn, N. Y. Vanity case or similar article. 96,076; June 25.
- Zell, David H., Brooklyn, N. Y. Vanity case or similar article. 96,077; June 25.
- Zell, David H., Brooklyn, N. Y. Coin bank. 96,522; Aug. 6.
- Zell, David H., Brooklyn, N. Y. Coin savings bank or similar article. 98,044; Dec. 31.
- Zendman, Isaac, Jr., New York, N. Y. Lace. Des. 94,254; Jan. 1.
- Zendman, Isaac, Jr., New York, N. Y. Lace. Des. 94,374; Jan. 15.
- Zerk, Oscar U., Chicago, Ill. Cover for spare wheels and tires of automotive vehicles. 97,966; Dec. 24.
- Zettler, Emil R., Deerfield, Ill., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Kettle. 95,621; May 14.
- Zimba, Stanley, Pennsburg, Pa. Finger ring or similar article. 96,569; Aug. 13.
- Ziniti, Evelyn, New York, N. Y. Shoe. 95,197; Apr. 16.
- Ziniti, Evelyn, New York, N. Y., assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 95,394; Apr. 23.
- Ziniti, Evelyn, New York, N. Y., assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 95,569; May 7.
- Zinkil, Roy H., Oak Park, assignor to Crane Co., Chicago, Ill. Combined shower head and spray guide. 96,152; July 2.
- Zoes, C. A. Manufacturing Co. (See Chamales, Christopher J., assignor.)
- Zuckerwar, Richard C., assignor to S. Schrecker Glove Co., Inc., Gloversville, N. Y. Glove. Des. 94,867; Mar. 12.
- Zupnik, Edward, Washington, D. C. Envelope or similar container. 96,951; Sept. 17.

LIST OF DISCLAIMERS

- Alken, James, New York, N. Y. Disclaimer filed by the patentee. No. 1,599,389; disclaimer filed June 12, 1935; v. 456; p. 13.
- Alexanderson, Ernst F. W., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 1,935,427; disclaimer filed Aug. 9, 1935; v. 458; p. 1.
- Allen, Earl M., and Charles A. Brooks, Swissvale, Pa. Disclaimer filed by the assignee, The Union Switch & Signal Company. No. 1,929,047; disclaimer filed Mar. 15, 1935; v. 453; p. 220.
- Andresen, George, Chicago, Ill. Disclaimer filed by the assignee, Winifred B. Parkyn. No. 1,890,205; disclaimer filed July 8, 1935; v. 456; p. 954.
- Armitage, George H., Woonsocket, R. I. Disclaimer filed by the assignee, General Register Corporation. No. 1,398,994; disclaimer filed May 18, 1935; v. 455; p. 270.
- Arp, Ewald A., Minneapolis, Minn. Disclaimer filed by the assignee, Van Norman Machine Tool Company. No. 1,906,241; disclaimer filed Feb. 13, 1935; v. 452; p. 258.
- August, Wendell, Grove City, James McCausland, Falls Creek, and Howard J. Chapin, Brockway, Pa. Disclaimer filed by the assignee, Wendell August Forge Incorporated. No. 1,971,700; disclaimer filed Jan. 15, 1935; v. 451; p. 8.
- Bachmann, Eugene P., and Willy H. Lasch, Philadelphia, Pa. Disclaimer filed by the assignee, The Atwood Machine Company. No. 1,850,047; disclaimer filed May 29, 1935; v. 455; p. 513.
- Baker, Judd O., Hastings-on-Hudson, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 1,890,489; disclaimer filed Oct. 15, 1935; v. 460; p. 14.
- Bauerschmidt, Kuno, Berlin-Karlshorst, Germany. Disclaimer filed by the assignee, General Electric Company. No. 1,978,246; disclaimer filed July 27, 1935; v. 457; p. 484.
- Beall, Isaac N., Washington, D. C. Disclaimer filed by the assignee, John C. W. Beall, the patentee Isaac N. Beall, concurring. No. 1,859,193; disclaimer filed Oct. 22, 1934; v. 450; p. 942.
- Beard, Joseph G., Springfield, Mass. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 1,948,692; disclaimer filed Mar. 26, 1935; v. 453; p. 461.
- Belford, Alexander G., Laconia, N. H. Disclaimer filed by the assignee, Scott & Williams, Incorporated. No. 1,982,566; disclaimer filed May 29, 1935; v. 455; p. 514.
- Berry, Earl E., Beloit, Wis. Disclaimer filed by the assignee, Beloit Iron Works. No. 1,880,691; disclaimer filed Jan. 2, 1935; v. 450; p. 942.
- Bickel, Clifford A., Sidney, Ohio. Disclaimer filed by the assignee, The Monarch Machine Tool Company, the patentee, concurring. No. 1,937,400; disclaimer filed Aug. 22, 1935; v. 458; p. 445.
- Binkley, Martin J., East Orange, N. J. Disclaimer filed by the assignee, The Silent Glow Oil Burner Corporation. No. 1,960,837; disclaimer filed May 16, 1935; v. 455; p. 12.

- Blakeslee, Henry J., Marlboro, Conn. Disclaimer filed by the assignee, The States Company. No. 1,891,212; disclaimer filed Apr. 9, 1935; v. 453; p. 963.
- Bloodhart, John W., Dubuque, Iowa. Disclaimer filed by the assignee, Midland Chemical Laboratories, Inc. No. 1,676,851; disclaimer filed Feb. 6, 1935; v. 452; p. 8.
- Bohnsack, John A., Cleveland Heights, Ohio. Disclaimer filed by the assignee, The E. F. Hauserman Company. No. 1,773,704; disclaimer filed Feb. 18, 1935; v. 452; p. 473.
- Boice, William B., and John E. Boice, Toledo, Ohio. Disclaimer filed by the assignee, Delta Manufacturing Company. No. 1,925,477; disclaimer filed Sept. 30, 1935; v. 459; p. 681.
- Bowen, Myron W., Detroit, Mich. Disclaimer filed by the assignee, Hydraulic Brake Company. No. 1,944,490; disclaimer filed June 24, 1935; v. 456; p. 722.
- Boyers, Charles F., Hillsboro, Ohio. Disclaimer filed by the assignee, The Champion Coated Paper Company. No. 1,944,835; disclaimer filed May 29, 1935; v. 455; p. 514.
- Braun, Carl Alfred, Munich, Germany. Disclaimer filed by the assignee, International Bitumen Emulsions Corporation. No. 1,905,212; disclaimer filed Sept. 20, 1935; v. 459; p. 442.
- Britton, Edgar C., Midland, Michigan. Disclaimer filed by the assignee, The Dow Chemical Company. No. 1,907,728. Disclaimer filed Apr. 19, 1935; v. 454; p. 294.
- Brooks, Charles R., Chicago, and John E. Ostline, Berwyn, Ill. Disclaimer filed by the patentees, the assignee, Associated Electric Laboratories, Inc., consenting. No. 1,907,240; disclaimer filed Dec. 13, 1934; v. 450; p. 272.
- Brosius, Edgar E., Pittsburgh, Pa. Disclaimer filed by the patentee. No. 1,889,433; disclaimer filed Sept. 16, 1935; v. 459; p. 442.
- Bruce, Edmond, Red Bank, N. J. Disclaimer filed by the assignee, Bell Telephone Laboratories, Incorporated. No. 1,913,428; disclaimer filed Jan. 18, 1935; v. 451; p. 241.
- Bulkeley, Ralph W., Grand Rapids, Michigan. Disclaimer filed by the patentee. No. 1,765,714; disclaimer filed Apr. 20, 1935; v. 454; p. 294.
- Burns, James E., Bridgeport, Conn. Disclaimer filed by the assignee, Remington Arms Company, Inc. No. 1,862,295; disclaimer filed Mar. 20, 1935; v. 453; p. 220.
- Capps, Washington T., Baltimore, Md. Disclaimer filed by the assignee, The Standard Stoker Company, Inc. No. 1,875,216; disclaimer filed Oct. 17, 1935; v. 460; p. 14.
- Carroll, Eugene G., South Bend, Ind. Disclaimer filed by the patentee. No. 2,009,433; disclaimer filed Nov. 11, 1935; v. 461; p. 13.
- Christian, Frank T., Elmira, N. Y. Disclaimer filed by the assignee, Eclipse Machine Company. No. 1,936,619; disclaimer filed Aug. 10, 1935; v. 458; p. 1.
- Christiansen, Christian, Lynn, Mass. Disclaimer filed by the assignee, Rotary Machine Company. No. 1,808,158; disclaimer filed Oct. 31, 1935; v. 460; p. 507.
- Christiansen, Walter G., Glen Ridge, N. J., and Sidney E. Harris, Lynbrook, N. Y. Disclaimer filed by the assignee, E. R. Squibb & Sons. No. 1,897,188; disclaimer filed Jan. 8, 1935; v. 451; p. 5.
- Clark, Harold A., Northbrook, Ill. (Two cases.) Disclaimers filed by the assignee, Chicago Rawhide Manufacturing Company. Nos. 1,807,567 and 1,819,871; disclaimers filed Oct. 6, and Oct. 28, 1935; v. 459 and 460; p. 933 and 507.
- Cockrell, William D., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 1,904,124; disclaimer filed Feb. 20, 1935; v. 452; p. 474.
- Collings, Frederick C., Plainfield, N. J. Disclaimer filed by the assignee, The Western Union Telegraph Company. No. 1,943,654; disclaimer filed Nov. 21, 1935; v. 461; p. 959.
- Connery, Alder F., Brooklyn, N. Y. Disclaimer filed by the assignee, Postal Telegraph-Cable Company. No. 1,773,952; disclaimer filed Feb. 1, 1935; v. 451; p. 724.
- Connolly, Arthur G., Chicago, Ill. Disclaimer filed Aug. 22, 1935, by the patentee, the assignee, Universal Oil Products Company, consenting. No. 1,934,963; disclaimer filed Aug. 22, 1935; v. 458; p. 445.
- Cooley, Leslie W., and Damon R. Ward, Denver, Colo. Disclaimer filed by the assignee, The Martin Brothers Electric Company. No. 1,899,261; disclaimer filed Feb. 5, 1935; v. 452; p. 8.
- Coryell, Charles N., Mamaroneck, N. Y. Disclaimer filed by the assignee, Scovill Manufacturing Company. No. 1,504,217; disclaimer filed Jan. 23, 1935; v. 451; p. 723.
- Coryell, Charles Newton, Mamaroneck, N. Y. Disclaimer filed by the assignee, Scovill Manufacturing Company. No. 1,565,142; disclaimer filed Jan. 23, 1935; v. 451; p. 723.
- Coryell, William C., Youngstown, Ohio. Disclaimer filed by the assignees, United Engineering & Foundry Company and American Sheet & Tin Plate Company. No. 1,618,515; disclaimer filed Dec. 11, 1934; v. 450; p. 6.
- Cosgrove, John W., deceased by Caroline E. Cosgrove, administratrix, Medford, Mass. Disclaimer filed by the assignee, United Shoe Machinery Corporation. No. 1,851,162; disclaimer filed Oct. 3, 1935; v. 459; p. 934.
- Coss, Harold T., Somerville, N. J. Disclaimer filed by the assignee, Johns-Manville Corporation. No. 1,925,985; disclaimer filed Oct. 17, 1935; v. 460; p. 14.
- Coyle, Joseph L., London, Ontario, Canada. Disclaimer filed by the assignee, Ephraim Banning, trustee. No. 1,880,074; disclaimer filed Jan. 12, 1935; v. 451; p. 8.
- Craft, Kenneth Dale, Whits, Wash. Disclaimer filed by the assignee, Pitte Cedar Shake Co. No. 1,820,445; disclaimer filed June 24, 1935; v. 457; p. 483.
- Crafts, Curtis S., Oak Park, Ill. Disclaimer filed by the assignee, The Goss Printing Press Company. No. 1,857,114; disclaimer filed Dec. 1, 1934; v. 450; p. 7.
- Currier, Hiram D., Richard I. Utter, and Michael B. Stazak, Chicago, Ill. Disclaimer filed by the assignee, Kellogg Switchboard & Supply Company. No. 1,261,492; disclaimer filed Nov. 30, 1934; v. 450; p. 6.
- Davidson, William D., Los Angeles, Calif. Disclaimer filed by the assignee, Emsco Derrick & Equipment Company. No. 1,953,339; disclaimer filed June 11, 1935; v. 456; p. 14.
- Davis, William N., Oakland, William H. Hampton, and Edwin N. Klemgard, Albany, Calif. Disclaimer filed by the assignee, Standard Oil Company of California. No. 1,705,809; disclaimer filed Dec. 8, 1934; v. 450; p. 7.
- Dearborn, Richard J., Summit, N. J., and George W. Gray, New York, N. Y. Disclaimer filed by the assignee, The Texas Company. No. 1,861,956; v. 453; p. 727.
- De Ong, Elmer Ralph, Berkeley, Calif. Disclaimer filed by the assignee, Shell Development Company. No. 1,917,754; disclaimer filed Sept. 3, 1935; v. 458; p. 663.
- Dirkes, Robert F., Jamaica, N. Y. Disclaimer filed by the patentee, the assignee, Western Union Telegraph Company, assenting. No. 1,814,902; disclaimer filed June 21, 1935; v. 456; p. 722.
- Dowling, Philip H., Swissvale, Pa. Disclaimer filed by the assignee, The Union Switch & Signal Company. No. 1,875,859; disclaimer filed May 18, 1935; v. 455; p. 270.
- Downer, Raymond H., San Francisco, Calif. Disclaimer filed by the assignee, Frigidrinks, Inc. No. 1,954,518; disclaimer filed Dec. 6, 1934; v. 450; p. 8.
- Duberstein, Samuel and Nicholas Lawner, Brooklyn, N. Y. Disclaimer filed by the patentees. No. 1,933,245; disclaimer filed July 16, 1935; v. 457; p. 8.
- Dunham, George S., Fort Worth, Tex. Disclaimer filed by the assignee, Socony-Vacuum Oil Company, Incorporated. No. 1,913,049; disclaimer filed July 3, 1935; v. 456; p. 954.
- Eichwald, Egon, Amsterdam, Netherlands. Disclaimer filed by the assignee, Shell Development Company. No. 1,868,596; disclaimer filed July 23, 1935; v. 457; p. 483.
- Elliott, Thomas, Birmingham, Ala. Disclaimer filed by the assignee, The Cincinnati Traction Building Company. No. 1,645,741; disclaimer filed Oct. 24, 1935; v. 460; p. 256.
- Ellis, Carleton, Montclair, N. J. (Three cases.) Disclaimers filed by the assignee, Ellis-Foster Company. Nos. 1,697,262, 1,697,263, and 1,697,264; disclaimers filed Nov. 25, 1935; v. 461; p. 959.
- Euth, John E., Cincinnati, Ohio. Disclaimer filed by the assignee, United Automatic Register Co. No. 1,988,195; disclaimer filed Mar. 9, 1935; v. 453; p. 10.
- Farnham, Paul O., Boonton, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,919,160; disclaimer filed Oct. 25, 1935; v. 460; p. 508.
- Farnham, Paul O., and Henry F. Argento, Boonton, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,943,789; disclaimer filed Jan. 18, 1935; v. 451; p. 242.
- Fay, Horace R., Shaker Heights, Ohio. Disclaimer filed by the assignee, The Fulton Sylphon Company. No. 1,644,823; disclaimer filed Oct. 17, 1935; v. 460; p. 255.
- Fengren, Enoch T., Beaver, Pa. Disclaimer filed by the assignee, Hartford-Empire Company. No. 1,677,436; disclaimer filed Jan. 26, 1935; v. 451; p. 723.
- Flides, Frederick K., Altoona, Pa. Disclaimer filed by the patentee. No. 1,845,594; disclaimer filed Nov. 22, 1935; v. 461; p. 480.
- Friedberg, Abram B., Highland Park, N. J. Disclaimer filed by the assignee, Weatherproof Flashing Co., Inc. No. 1,935,116; disclaimer filed Nov. 28, 1934; v. 450; p. 7.
- Frolich, Per K., Elizabeth, N. J. Disclaimer filed by the assignee, Standard Oil Development Company. No. 1,869,681; disclaimer filed Mar. 6, 1935; v. 453; p. 10.
- Gardiner, Paul C., Scotia, N. Y. (Two cases.) Disclaimers filed by the assignee, General Electric Company. No. 1,950,171; disclaimers filed Dec. 18, 1934, and Mar. 16, 1935; v. 450 and 453; p. 501 and 220.
- Gary, Lee J., Chicago, Ill. Disclaimer filed by the patentee, the assignee, Universal Oil Products Company, consenting. No. 1,848,876; disclaimer filed July 24, 1935; v. 457; p. 250.
- Gerken, Howard S., Buffalo, N. Y. Disclaimer filed by the assignee, Gravel Products Corporation. No. 1,729,070. Disclaimer filed Nov. 14, 1935; v. 461; p. 478.
- Goepprich, Rudolph A., South Bend, Ind. Disclaimer filed by the patentee, and the assignee, Bendix Brake Company. No. 1,874,963; disclaimer filed July 5, 1935; v. 456; p. 954.
- Good, John, Garden City, and Elliot O. Seaver, Mineola, N. Y. Disclaimer filed by the assignee, Good Inventions Co. No. 1,774,137; disclaimer filed Aug. 14, 1935; v. 458; p. 220.

- Gottschalk, John W., and Sylvester W. Grater, Philadelphia, Pa. Disclaimer filed by the patentees. No. 1,886,671; disclaimer filed Jan. 31, 1935; v. 451; p. 724.
- Gottwald, Christian, Cleveland Heights, Ohio. Disclaimer filed by the assignee, The Ric-wil Company. No. 1,991,455; disclaimer filed Apr. 16, 1935; v. 454; p. 10.
- Granger, Charles H., Waterbury, Conn. Disclaimer filed by the patentee, and the assignee The Waterbury Clock Company. No. 1,926,806; disclaimer filed Sept. 23, 1935; v. 459; p. 442.
- Greve, Edgar E., Bellevue, Pa. Disclaimer filed by the assignee, Oil Well Supply Company. No. 1,918,097; disclaimer filed Nov. 3, 1934; v. 450; p. 754.
- Griffith, Ronald George, Croydon, England. (Two cases.) Disclaimers filed by the assignee, Creed and Company, Limited. Nos. 1,928,421 and 1,923,724; disclaimers filed Feb. 26 and Apr. 24, 1935; v. 452 and 454; p. 474 and 294.
- Guett, Monroe, Hartford, Conn. Disclaimer filed by the assignee, The Arrow-Hart & Hegeman Electric Company. No. 1,911,983; disclaimer filed Sept. 27, 1935; v. 459; p. 681.
- Guild, Waldo J., Worcester, Mass. Disclaimer filed by the assignee, The Heald Machine Company. No. 1,901,236; disclaimer filed Dec. 31, 1934; v. 451; p. 8.
- Haglund, Hakon H., Flushing, N. Y. Disclaimer filed by the patentee, the assignee, The Western Union Telegraph Company, assenting. No. 1,901,296; disclaimer filed June 1, 1935; v. 455; p. 514.
- Hall, Ernest A., Toledo, Ohio. Disclaimer filed by the assignee, The Columbia Burner Company. No. 1,885,433; disclaimer filed Apr. 29, 1935; v. 454; p. 785.
- Harnett, Daniel E., Tuckahoe, N. Y. Disclaimer filed by the patentee. No. 1,962,104; disclaimer filed Dec. 10, 1934; v. 450; p. 8.
- Harshberger, Norman P., Chicago, Ill. Disclaimer filed by the assignee, Bakelite Building Products Co. Inc. No. 1,663,658; disclaimer filed Mar. 26, 1935; v. 453; p. 461.
- Haupt, Walter H., Ludlow, Ky. Disclaimer filed by the assignee, Augustine Davis, Jr. No. 1,981,357; disclaimer filed July 24, 1935; v. 457; p. 250.
- Hauserman, Earl F., Cleveland Heights, and Leroy D. Mowery, Cleveland, Ohio; Walter E. McClenaghan and Thomas E. Murrell, Detroit, Mich. Disclaimer filed by the assignee, The E. F. Hauserman Company. Re. 17,440; disclaimer filed Feb. 18, 1935; v. 452; p. 259.
- Hauton, Paul S., Atlanta, Ga. Disclaimer filed by the assignee, Scripto Manufacturing Company. No. 1,853,561; disclaimer filed Nov. 2, 1935; v. 460; p. 744.
- Hauton, Paul S., Newark, N. J. Disclaimer filed by the assignee, Scripto Manufacturing Company. No. 1,853,560; disclaimer filed Nov. 2, 1935; v. 460; p. 744.
- Hazeltine, Louis A., Hoboken, N. J. Disclaimer filed by the patentee, the assignee, Hazeltine Corporation, assenting. No. 1,648,808; disclaimer filed Sept. 11, 1935; v. 459; p. 1.
- Hechenbleikner, Ingeniun, Charlotte, N. C. Disclaimer filed by the assignee, Chemical Construction Corporation. No. 1,923,866; disclaimer filed May 21, 1935; v. 455; p. 514.
- Henderson, Curtis L., Wichita, Kans. Disclaimer filed by the assignee, Gasoline Products Company, Inc. No. 1,828,466; disclaimer filed Mar. 28, 1935; v. 453; p. 727.
- Hill, Charles H., Drexel Hill, Pa. Disclaimer filed by the assignee, General Electric Company. No. 1,870,047; disclaimer filed July 27, 1935; v. 457; p. 483.
- Hopkins, Cecil W., Cincinnati, Ohio, and John E. Caster, Covington, Ky. Disclaimer filed by the assignee, Cincinnati Grinders Incorporated. No. 1,932,969; disclaimer filed Feb. 8, 1935; v. 452; p. 258.
- Hosbein, Louis H., Chicago, Ill. Disclaimer filed by the assignee, M. H. Detrick Company. No. 1,544,580; disclaimer filed Nov. 1, 1935; v. 460; p. 743.
- Hosbein, Louis H., Chicago Ill., and Raymond D. Foltz, East Orange, N. J. Disclaimer filed by the assignee, M. H. Detrick Company. No. 1,628,318; disclaimer filed Nov. 1, 1935; v. 460; p. 744.
- Hunter, David E., Muskegon, Mich. Disclaimer filed by the patentee and the assignee, The Shaw-Walker Company. No. 1,678,471; disclaimer filed Nov. 26, 1934; v. 450; p. 6.
- Hutter, William H., Fort Wayne, Ind. Disclaimer filed by the patentee. No. 1,912,454; disclaimer filed Sept. 13, 1935; v. 459; p. 205.
- Ingram, Joseph R., Nitro, W. Va. Disclaimer filed by the assignee, The Rubber Service Laboratories Company. No. 1,890,154; disclaimer filed Mar. 6, 1935; v. 453; p. 10.
- Ives, Herbert E., Montclair, N. J. (Three cases.) Disclaimers filed by the assignee, Bell Telephone Laboratories, Incorporated. Nos. 1,937,118, 1,874,191 and 1,970,311; disclaimers filed Sept. 26, Oct. 19, and Oct. 30, 1935; v. 459, 460 and 460; p. 682, 256, and 508.
- Jaeger, Alphons O., Mount Lebanon, Pa. Disclaimer filed by the assignee, American Cyanamid & Chemical Corporation. No. 1,914,509; disclaimer filed July 25, 1935; v. 457; p. 483.
- Jenkins, Russell L., Anniston, Ala. Disclaimer filed by the patentee, the assignee, Swann Research, Incorporated, affirming and accepting. No. 1,960,266; disclaimer filed Oct. 17, 1935; v. 460; p. 14.
- Jones, Walter, Stourbridge, England. Disclaimer filed by the assignee, Activated Sludge, Inc. No. 1,341,561; disclaimer filed Feb. 16, 1935; v. 452; p. 257.
- Kadel, Byers W., Baltimore, Md. (Two cases.) Disclaimers filed by the assignee, Wine Railway Appliance Company. Nos. 1,486,210 and 1,743,144; disclaimers filed Aug. 22, 1935; v. 458; p. 219 and 444.
- Kalischer, Georg, Frankfurt-on-the-Main, Heinrich Ritter, Frankfurt-on-the-Main-Fechenheim, and Fritz Baumann, Leverkusen-on-the-Rhine, Germany. Disclaimer filed by the assignee, General Aniline Works, Inc. No. 1,931,196; disclaimer filed Aug. 27, 1935; v. 453; p. 663.
- Kathner, Arthur T., Mount Lebanon, Pa. Disclaimer filed by the patentee, the exclusive licensee, The Duraloy Company, assenting. Re. 17,413; disclaimer filed May 16, 1935; v. 455; p. 11.
- Kathner, Arthur T., New Cumberland, W. Va. Disclaimer filed by the patentee, the exclusive licensee, The Duraloy Company, assenting. No. 1,725,398; disclaimer filed May 16, 1935; v. 455; p. 11.
- Kelley, Elias H., New York, N. Y. Disclaimer filed by the assignee, General Register Corporation. No. 1,266,021; disclaimer filed June 29, 1935; v. 456; p. 722.
- Klatte, Fritz, Rheinfelden in Bade, and Hermann Müller, Frankfurt-on-the-Main-Schwanheim, Germany. Disclaimer filed by the assignee, I. G. Farbenindustrie. No. 1,920,403; disclaimer filed Oct. 17, 1935; v. 460; p. 14.
- Kohnle, Frederick, Dayton, Ohio. Disclaimer filed by the assignee, The Monarch Marking System Company. No. 1,667,810; disclaimer filed Feb. 7, 1935; v. 452; p. 8.
- Koulichkov, Sergi N., and John J. Drabin, New York, N. Y. Disclaimer filed by the assignee, Bragg-Kliesrath Corporation. No. 1,943,534; disclaimer filed Dec. 7, 1934; v. 450; p. 8.
- Krueger, Theodore H., Putney, Stratford, Conn. Disclaimer filed by the assignee, Better Packages, Inc. Re. 18,322; disclaimer filed June 11, 1935; v. 456; p. 13.
- La Bouer, Harry E., Homewood, Ill. Disclaimer filed by the patentee. No. 1,908,635; disclaimer filed Nov. 30, 1934; v. 450; p. 7.
- Lane, Alfred M., St. Louis, Mo. Disclaimer filed by the assignee, Monarch Metal Weatherstrip Corporation. No. 1,875,173; disclaimer filed Dec. 20, 1934; v. 450; p. 501.
- Lang, William, West Orange, N. J. Disclaimer filed by the patentee, and the assignee, The Bates Manufacturing Company. No. 1,914,513; disclaimer filed Nov. 9, 1935; v. 461; p. 13.
- Lauter, Werner M., Akron, Ohio. Disclaimer filed by the assignee, The Goodyear Tire & Rubber Company. No. 1,923,735; disclaimer filed Feb. 27, 1935; v. 452; p. 474.
- Lazich, Branko, Edgewood, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 1,976,236; disclaimer filed Nov. 21, 1935; v. 461; p. 479.
- Lehma, Stephen, Brooklyn, N. Y. Disclaimer filed by the patentee, and the assignee, Everybody's Tool and Die Works Corporation. Re. 19,292 (No. 1,859,098); disclaimer filed Dec. 29, 1934; v. 451; p. 723.
- Lovejoy, Dimmitt Ross, New York, N. Y. Disclaimer filed by the assignee, The Silent Watchman Corporation. No. 1,710,228; disclaimer filed July 19, 1935; v. 457; p. 7.
- Lyle, Frederick W., Wilkinsburg, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 1,894,994; disclaimer filed Dec. 24, 1934; v. 450; p. 501.
- Maanum, Dedrick A., Hancock, Minn. Disclaimer filed by the assignee, Cherry-Burrell Corporation. No. 1,620,116; disclaimer filed Feb. 4, 1935; v. 452; p. 8.
- MacDonald, William A., Little Neck, N. Y. (Two cases.) Disclaimers filed by the patentee, the assignee, Hazeltine Corporation, assenting. No. 1,961,154; disclaimers filed May 29 and Aug. 20, 1935; v. 455 and 458; p. 514 and 220.
- Marsh, Henry S., and Ralf S. Cochran, Youngstown, Ohio. Disclaimer filed by the assignee, Surface Combustion Corporation. No. 1,610,567; disclaimer filed Mar. 28, 1935; v. 453; p. 727.
- Martin, Jerome, and Lloyd C. Swallen, Terre Haute, Ind. Disclaimer filed by the assignee, Commercial Solvents Corporation. No. 1,875,746; disclaimer filed Dec. 10, 1934; v. 450; p. 272.
- Martin, Wendell L., Cleveland, Ohio. Disclaimer filed by the assignee, The Martin Brothers Electric Company. Re. 17,237; disclaimer filed Oct. 31, 1934; v. 450; p. 753.
- Masing, Georg, Berlin, Germany. Disclaimer filed by the assignee, Siemens & Halske, Aktiengesellschaft. No. 1,857,600; disclaimer filed July 10, 1935; v. 456; p. 954.
- McCarthy, George Lewis, Rye, and Abraham Novick, Flushing, N. Y. Disclaimer filed by George Lewis McCarthy (assignee of the entire interest of Abraham Novick), and the exclusive licensee, Recordack Corporation. No. 1,748,489; disclaimer filed Apr. 11, 1935; v. 453 p. 963.
- McCreery, Robert W., New York, N. Y. Disclaimer filed by the assignee, Turntrue Collar Method, Inc., the patentee, consenting and ratifying. No. 1,897,486; disclaimer filed Sept. 4, 1935; v. 458; p. 663.
- Mears, Norton A., and Dibrell P. Hynes, Chicago, Ill. (Two cases.) Disclaimer filed by the assignee, Chicago Forging & Manufacturing Co. No. 1,809,720; disclaimers filed Apr. 29 and Sept. 25, 1935; v. 454 and 459; p. 785 and 441.

- Mercur, Nathan L., McKeesport, Pa. Disclaimer filed by the assignee, Minneapolis-Honeywell Regulator Company. No. 1,871,971; disclaimer filed July 8, 1935; v. 456; p. 954.
- Mersfelder, Frederick J., and Paul Balze, Leonia, N. J. Disclaimer filed by the assignee, M. & B. Manufacturing Co., Inc. Re. 18,100; disclaimer filed July 8, 1935; v. 456; p. 954.
- Myers, Thomas B., Racine, Wis. Disclaimer filed by the assignee, Hamilton Beach Manufacturing Company. No. 1,738,112; disclaimer filed Feb. 27, 1935; v. 453; p. 10.
- Nelson, Jabez Curry, Syracuse, N. Y. Disclaimer filed by the patentee, the assignee, Easy Washing Machine Corporation, consenting. No. 1,923,580; disclaimer filed Apr. 9, 1935; v. 453; p. 964.
- Oman, Carl W., South Windham, Conn. Disclaimer filed by the assignee, The Smith & Winchester Manufacturing Co. No. 1,745,312; disclaimer filed Oct. 22, 1935; v. 460; p. 507.
- Ostler, Ernest S., Chicago, Ill. Disclaimer filed by the assignee, Stromberg Electric Company. No. 1,777,889; disclaimer filed Dec. 24, 1934; v. 450; p. 501.
- Peiler, Karl E., West Hartford, Conn. (Two cases). Disclaimers filed by the assignee, Hartford-Empire Company. No. 1,662,436; disclaimers filed Dec. 13, 1934; and Jan. 26, 1935; v. 450 and 451; p. 271 and 723.
- Peo, Ralph F., Kenmore, N. Y. Disclaimer filed by the assignee, Houde Engineering Corporation. No. 1,881,957; disclaimer filed Mar. 22, 1935; v. 453; p. 220.
- Perry, Stanley, Chicago, Ill. Disclaimer filed by the assignee, Automatic Burner Corporation. No. 1,971,874; disclaimer filed Sept. 7, 1935; v. 459; p. 1.
- Pierson, Hilding L., Brooklyn, N. Y. Disclaimer filed by the assignee, General Register Corporation. No. 1,992,767; disclaimer filed Aug. 22, 1935; v. 458; p. 446.
- Pitzer, Mose B., and Neal M. Huffaker, Monahans, Tex. Disclaimer filed by the patentees. No. 1,991,293; disclaimer filed June 12, 1935; v. 456; p. 14.
- Placek, Adolph, New Orleans, La. Disclaimer filed by the assignee, Walter J. Podbielniak. No. 1,936,524; disclaimer filed Mar. 11, 1935; v. 453; p. 10.
- Plunkett, John Homer, Beverly Hills, Calif. Disclaimer filed by the assignee, The Patent and Licensing Corporation. No. 1,813,081; disclaimer filed May 9, 1935; v. 455; p. 11.
- Poole, Arthur B., Bristol, Connecticut. Disclaimer filed by the assignee, The E. Ingraham Company. No. 1,960,508; disclaimer filed Nov. 4, 1935; v. 460; p. 744.
- Prinzler, Carl J., Indianapolis, Ind. Disclaimer filed by the assignee, Vonnegut Hardware Company. No. 1,916,116; disclaimer filed Feb. 23, 1935; v. 452; p. 474.
- Proctor, Barton A., New York, N. Y. Disclaimer filed by the assignee, News Projection Corporation. No. 1,666,304; disclaimer filed Mar. 18, 1935; v. 453; p. 220.
- Richter, Charles J., Berwyn, Ill. Disclaimer filed by the assignee, The Goss Printing Press Company. No. 1,962,938; disclaimer filed Oct. 18, 1935; v. 460; p. 256.
- Roberts, Walter Van B., Princeton, N. J. (Three cases). Disclaimers filed by the assignee, Radio Corporation of America. Nos. 1,969,902 and 1,910,500 (two) disclaimers filed Sept. 13, Sept. 25, and Nov. 14, 1935; v. 459, 459, and 461; p. 205, 442, and 13.
- Roder, Hans, Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 1,936,438; disclaimer filed Nov. 30, 1934; v. 450; p. 7.
- Ronning, Adolph, Minneapolis, Minn. Disclaimer filed by the assignee, Toro Manufacturing Company. No. 1,957,079; disclaimer filed June 19, 1935; v. 456; p. 508.
- Runkle, Lloyd O., Gloucester, Mass. Disclaimer filed by the assignee, The Linen Thread Company. No. 1,867,281; disclaimer filed May 14, 1935; v. 455; p. 12.
- Ruth, Jr., Joseph P., Denver, Colo. Disclaimer filed by the patentee. No. 1,886,979; disclaimer filed Aug. 23, 1935; v. 458; p. 445.
- Sawyer, Willard N., Winchendon, Mass. Disclaimer filed by the assignee, United Shoe Machinery Corporation. No. 1,860,780; disclaimer filed June 10, 1935; v. 456; p. 13.
- Scott, Winfield, Nitro, W. Va. (Two cases). Disclaimers filed by the assignee, The Rubber Service Laboratories Company. Nos. 1,899,426 and 1,832,328; disclaimers filed May 31 and Sept. 17, 1935; v. 455 and 459; p. 513 and 442.
- Sedgley, Reginald F., Philadelphia, Pa. Disclaimer filed by the patentee. Re. 13,567; disclaimer filed Jan. 31, 1935; v. 451; p. 723.
- Seguy, Jean Delattre, Chicago, Ill. Disclaimer filed by the patentee, the assignee, Universal Oil Products Company, consenting. No. 1,949,765; disclaimer filed June 4, 1935; v. 455; p. 743.
- Sellman, Folke Emil, White Plains, N. Y. Disclaimer filed by the assignee, Electrodux Serrel Corporation. No. 1,867,181; disclaimer filed Aug. 27, 1935; v. 458; p. 663.
- Semon, Waldo L., Cuyahoga Falls, Ohio. (Two cases). Disclaimers filed by the assignee, The B. F. Goodrich Company. Nos. 1,860,434 and 1,968,914; disclaimers filed Jan. 18 and Aug. 7, 1935; v. 451 and 458; p. 724 and 446.
- Shipley, Thomas, York, Pa. Disclaimer filed by the assignee, York Ice Machinery Corporation. No. 1,718,313; disclaimer filed Oct. 18, 1935; v. 460; p. 256.
- Shoemaker, William E., Freeport, N. Y. Disclaimer filed by the assignee, Sinclair Refining Company. No. 1,948,191; disclaimer filed Sept. 20, 1935; v. 459; p. 442.
- Shultz, Earle, Chicago, Ill. Disclaimer filed by the assignee, Warren Webster & Company. Re. 16,985; disclaimer filed Dec. 10, 1934; v. 450; p. 5.
- Simons, Aaron, Bronx, New York. Disclaimer filed by the assignee, Morris Simons. No. 1,904,698; disclaimer filed Apr. 17, 1935; v. 454; p. 294.
- Sindler, Jay J., Framingham, Mass. Disclaimer filed by the patentee. Disclaimer filed July 31, 1935; v. 457; p. 484.
- Skopik, Oskar Ludwig, Berlin, Germany. Disclaimer filed by the patentee. No. 1,804,185; disclaimer filed Feb. 9, 1935; v. 452; p. 257.
- Smith, Alonzo L., Houston, Tex. Disclaimer filed by the patentee. No. 2,008,934; disclaimer filed Nov. 22, 1935; v. 461; p. 480.
- Smith, Henry B., Rochester, N. Y. Disclaimer filed by the assignee, Eastman Kodak Company. No. 1,901,130; disclaimer filed July 18, 1935; v. 457; p. 7.
- Sneed, John, Ferndale, Mich. Disclaimer filed by the patentee, and the assignee, The Midland Steel Products Company, as trustee for Steeldraulic Brake Corporation. No. 1,789,392; disclaimer filed June 3, 1935; v. 455; p. 743.
- Stark, Julian H., Fort Wayne, Ind. Disclaimer filed by the assignee, General Electric Company. No. 2,010,705; disclaimer filed Sept. 28, 1935; v. 459; p. 934.
- Stephens, Frank C., Washington, D. C. Disclaimer filed by the assignee, The Stelos Company, Inc. Re. 16,360; disclaimer filed July 16, 1935; v. 457; p. 7.
- Stevens, Nathaniel D., Hazleton, Pa., and Louis H. Hosbein, Chicago, Ill. Disclaimer filed by the assignee, M. H. Detrick Company. No. 1,628,284; disclaimer filed Nov. 1, 1935; v. 460; p. 744.
- Stover, Frank E., Springfield, Ohio. (Two cases). Disclaimers filed by the patentee, the assignee, The Bundy Incubator Company, consenting. Nos. 1,911,249 and 1,911,250; disclaimers filed July 15, 1935; v. 457; p. 7.
- Stryer, Charles A., Forest Hills, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 1,905,251; disclaimer filed May 18, 1935; v. 455; p. 270.
- Sundback, Gideon, Meadville, Pa. Disclaimer filed by the assignee, Hookless Fastener Company. No. 1,661,144; disclaimer filed Mar. 13, 1935; v. 453; p. 10.
- Swinglehurst, Harry, Orange, N. J. Disclaimer filed by the assignee, Scott & Williams, Incorporated. No. 1,809,762; disclaimer filed June 26, 1935; v. 456; p. 722.
- Taub, Joel, Jackson Heights, N. Y. Disclaimer filed by the patentee. No. 1,940,031; disclaimer filed June 1, 1935; v. 456; p. 14.
- Tautz, Herbert E., Milwaukee, Wis. (Two cases). Disclaimers filed by the patentee, the assignee, Delta Manufacturing Company, consenting. Nos. 1,938,549 and 1,790,288; disclaimers filed Jan. 23 and Sept. 30, 1935; v. 451 and 459; p. 724 and 681.
- Taylor, Elbert A., Arlington Heights, Ill.; Millard D. Pence, New York, N. Y.; and Clayton A. Dunham, Glencoe, Ill. Disclaimer filed by the assignee, C. A. Dunham Company. No. 1,921,172; disclaimer filed Apr. 12, 1935; v. 453; p. 963.
- Tear, James D., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 1,863,421; disclaimer filed May 16, 1935; v. 455; p. 12.
- Thurston, George M., New York, N. Y. Disclaimer filed by the assignee, Bell Telephone Laboratories, Incorporated. No. 1,907,132; disclaimer filed Dec. 29, 1934; v. 450; p. 754.
- Townsend, Clinton Blake, New York, N. Y. Disclaimer filed by the patentee. No. 1,801,466; disclaimer filed Jan. 11, 1935; v. 451; p. 8.
- Troyer, Nelson, Seattle, Wash. Disclaimer filed by the assignee, Continental Can Company, Inc. No. 1,772,820; disclaimer filed June 22, 1935; v. 456; p. 722.
- Tuttle, Malcolm H., New Rochelle, N. Y. Disclaimer filed by the assignee, Max B. Miller & Co., Inc. No. 1,912,348; disclaimer filed Nov. 23, 1935; v. 461; p. 480.
- Tyler, Chaplin, and Frank W. Porter, Wilmington, Del. Disclaimer filed by the assignee, E. I. du Pont de Nemours & Company. No. 1,894,136; disclaimer filed Nov. 2, 1934; v. 450; p. 753.
- Urmson, William G., Hamden, Conn. Disclaimer filed by the assignee, Radio Research Laboratories, Inc. No. 1,963,254; disclaimer filed Apr. 19, 1935; v. 454; p. 294.
- Urschel, Bertis H., Bowling Green, Ohio. Disclaimer filed by the patentee. No. 1,690,511; disclaimer filed Aug. 5, 1935; v. 457; p. 697.
- Veale, George W., Cleveland Heights, Ohio. (Two cases). Disclaimers filed by the assignee, Eaton Manufacturing Company. Nos. 1,901,540 and 1,996,221; disclaimers filed Oct. 31, 1935; v. 460; p. 508.
- Von Ohlsen, Louis H., and Frank W. Godsey, Jr., New Haven, Conn. Disclaimer filed by the patentees, the assigner, The Safety Car Heating & Lighting Company, assenting. No. 1,914,545; disclaimer filed Aug. 17, 1935; v. 458; p. 220.

- Walsh, James F., Newton Center, and John V. MacDon-
ough, Watertown, Mass. Disclaimer filed by the as-
signee, American-Maize Products Company. No.
1,966,604; disclaimer filed July 18, 1935; v. 457; p. 8.
- Watson, Edward F., Larchmont, N. Y. Disclaimer filed by
the assignee, American Telephone and Telegraph Com-
pany. No. 1,788,476; disclaimer filed Aug. 16, 1935; v.
458; p. 220.
- Weller, Arthur A., Providence, R. I. Disclaimer filed by
the assignee, The Mason Box Company. No. 1,864,780;
disclaimer filed July 23, 1935; v. 458; p. 445.
- Wells, Wesley B., Wilkinsburg, Pa. Disclaimer filed by
the assignee, The Union Switch & Signal Company. No.
1,864,224; disclaimer filed May 7, 1935; v. 454; p. 785.
- Welter, Herman C., Rochester, N. Y. Disclaimer filed by
the assignee, Hall-Welter Co. Inc. No. 1,959,186; dis-
claimer filed Dec. 11, 1934; v. 450; p. 8.
- Wheeler, Harold A., Great Neck, N. Y. Disclaimer filed
by the patentee, the assignee, Hazeltine Corporation,
assenting. No. 2,001,950; disclaimer filed Nov. 30, 1935;
v. 461; p. 960.
- White, Sidney Y., New York, N. Y. Disclaimer filed by
the assignee, Radio Corporation of America. No.
1,789,664; disclaimer filed Feb. 19, 1935; v. 452; p. 473.
- Whitsitt, William B., Baltimore, Md. Disclaimer filed by
the patentee. No. 1,882,537; disclaimer filed Oct. 11,
1935; v. 460; p. 14.
- Wine, William E., Toledo, Ohio. (Two cases). Disclaim-
ers filed by the assignee, Wine Railway Appliance Com-
pany. Nos. 1,431,499 and 1,486,210; disclaimers filed
Aug. 22, 1935; v. 458; p. 219.
- Withington, William H., New York, N. Y. Disclaimer filed
by the patentee, the assignee, Hardinge Company, In-
corporated, consenting and approving. No. 1,911,008;
disclaimer filed Apr. 12, 1935; v. 454; p. 10.
- Wood, Joseph Kaye, Mount Vernon, N. Y. Disclaimer filed
by the assignee, General Spring Corporation. No.
1,816,164; disclaimer filed May 6, 1935; v. 454; p. 785.
- Wood, William H., South Euclid, Ohio. Disclaimer filed
by the patentee. No. 1,788,935; disclaimer filed Mar.
22, 1935; v. 453; p. 727.
- Woodward, Frederick R., Newton, Mass. Disclaimer filed
by the assignee, Stowe-Woodward, Inc. Re. 18,111;
disclaimer filed Oct. 2, 1935; v. 459; p. 933.
- Zerk, Oscar U., Chicago, Ill. Disclaimer filed by the as-
signee, Stewart-Warner Corporation. No. 1,965,021;
disclaimer filed Aug. 23, 1935; v. 458; p. 445.

LIST OF REISSUE INVENTIONS

- Abrading material and preparing the same. T. Pohr and J. Schneider. 19,802; Dec. 31.
- Abrasive wheel. R. C. Benner and H. E. Stowell. 19,678; Aug. 27.
- Acetylene, Preparation of. M. Banck. 19,794; Dec. 24.
- Acoustical wall support. B. E. Baldof. Re19,431; Jan. 22.
- Aerial system. H. H. Beverage. 19,784; Dec. 10.
- Aeroplane. E. H. Lanier. 19,665; Aug. 13.
- Air brake. C. A. Campbell. 19,621; June 25.
- Air cleansing device, Automotive. H. B. Anglemeyer. Re. 19,511; Apr. 2.
- Air conditioning apparatus for passenger cars. J. H. Davis. Re19,453; Feb. 5.
- Air conditioning apparatus for passenger cars. J. H. Davis. 19,759; Nov. 19.
- Air conditioning system and method. E. L. Garfield. 19,729; Oct. 22.
- Aircraft. D. A. Hall. 19,713; Sept. 24.
- Aircraft. H. H. Platt. Re19,438; Jan. 22.
- Aircraft and control therefor. E. F. Zaparka. Re19,412; Jan. 1.
- Air filter. R. R. Halstead. 19,732; Oct. 22.
- Airplane. C. H. Congdon. 19,651; July 23.
- Aldehydes in the formation of organic acids from primary alcohols, Controlling the accumulation of. W. J. Hale and W. S. Haldeman. Re19,478; Feb. 26.
- Amines from alcohol and ammonia, Catalytic synthesis of. H. R. Arnold. 19,632; July 9.
- Amplifier, Audion. A. W. Barber. Re19,493; Mar. 12.
- Amplifier with controllable band pass width. W. van B. Roberts. 19,668; Aug. 13.
- Anchor, Rail. K. E. Hofmann and L. H. Schlatter. 19,774; Dec. 3.
- Anesthetic composition. S. D. Goldberg. 19,569; May 14.
- Anesthetic solutions, Production of. M. Woelm. 19,608; June 11.
- Antislugging arrangement. W. H. Armacost. 19,619; June 25.
- Apparatus for therapeutic and other purposes. W. L. Martin. 19,724; Oct. 15.
- Armrest, Adjustable auto. H. S. Genung. 19,721; Oct. 15.
- Article and producing the same, Decorated. L. C. Byck and G. L. Peakes. 19,549; Apr. 30.
- Articles from plastic material, Apparatus for molding. W. G. Lawson. Re19,496; Mar. 12.
- Articles, Method of and apparatus for forging upset. W. H. Spire. 19,616; June 18.
- Attachment for doughnut cutting and cooking machines. J. Baumann. 19,557; May 7.
- Automatic centering reel. F. J. Littell. 19,736; Oct. 22.
- Automatic machine. J. P. Brophy. Re19,485; Mar. 5.
- Automobiles, Transportation of. I. H. Judd. 19,776; Dec. 3.
- Ball. O. A. Cavins. 19,679; Aug. 27.
- Bearing construction, Roller. C. S. Brown. Re19,508; Mar. 26.
- Beater, Motor driven. T. B. Myers. 19,630; July 2.
- Bed, Vertically pivoted wall. N. Sinclair. Re19,464; Feb. 12.
- Bituminous materials, Apparatus for molding. A. J. Prohl. 19,553; Apr. 30.
- Black and for preventing the weakening of the fibers, Producing. K. Schmidt. 19,529; Apr. 9.
- Bleaching agent and preparing bleached bread dough. L. W. Haas. 19,712; Sept. 24.
- Board machine. C. L. Ellis. 19,521; Apr. 9.
- Bobbins, Device for cleaning. E. A. McKillop. 19,673; Aug. 20.
- Roller feed control. O. F. Carlson. 19,558; May 7.
- Boots and shoes from lasts, Apparatus for removing. C. E. Rowe. 19,648; July 16.
- Bottle closure and liquid dropper. T. J. Dykema. 19,520; Apr. 9.
- Bracket. K. L. Rick. Re19,473; Feb. 19.
- Brake apparatus for automobiles, Hydraulic. E. G. Carroll. Re19,432; Jan. 22.
- Brake device, Fluid pressure. T. H. Thomas. Re19,420; Jan. 8.
- Brake mechanism for automobiles and similar vehicles. N. A. Christensen. Re19,469; Feb. 19.
- Brake mechanism, Hydraulic. B. Dick and S. Schnell. 19,687; Sept. 3.
- Brake system, Straight and automatic air. N. A. Christensen. 19,650; July 23.
- Cabinet ironing machine. H. A. Sperlich and J. H. Uhlig. Re19,429; Jan. 15.
- Cable, Balancing ocean. W. D. Cannon and J. W. Milnor. 19,635; July 9.
- Cable, Balancing ocean. J. W. Milnor. 19,640; July 9.
- Cam grinding device, Automatic. R. K. Rowell. 19,663; Aug. 6.
- Can and making the same, Milk. J. P. Walker. Re19,442; Jan. 22.
- Car, Sleeping. T. De Roode. 19,585-6; May 21.
- Car, Tank. R. C. Pierce. 19,537; Apr. 16.
- Carbon black. E. H. Damon. 19,664; Aug. 13.
- Carbon black and similar fine powders, Manufacture of products of. E. Billings and H. H. Offutt. 19,750; Nov. 12.
- Carburetor, Down draft. C. H. Kirby. Re19,503; Mar. 19.
- Carton, Collapsible egg. E. G. Levkoff. 19,625; June 25.
- Cartridge, Explosive. D. B. McCloud. Re19,410; Jan. 1.
- Cash register. B. M. Shipley. 19,793; Dec. 24.
- Casing head. M. T. Archer. 19,587; May 28.
- Cellulose derivative composition. E. F. Izard. 19,705; Sept. 17.
- Chassis-lubricating device, Automobile. F. H. Gleason. Re19,435; Jan. 22.
- Check writer. R. E. Bohrer, W. B. Payne, and C. G. Tiefel. Re19,484; Mar. 5.
- Chest, Cedar. L. K. Loftin. 19,737; Oct. 22.
- Chucking device. W. F. Groene. 19,730; Oct. 22.
- Circuit breaker, Automatic. H. C. Graves, Jr., and O. Jensen. 19,753; Nov. 12.
- Coating composition. W. Koch. 19,526; Apr. 9.
- Coating composition. W. Koch. 19,612; June 18.
- Coating strands, Method of and apparatus for. C. M. Underwood. 19,758; Nov. 12.
- Combustion regulation. G. H. Gibson. 19,592; May 28.
- Composition for fuse, igniter charges, and the like. H. E. Nash. 19,661; July 30.
- Compressor. G. E. Roberts. 19,783; Dec. 3.
- Condensation product and making same. F. Pollak and A. Osterstetzer. 19,710; Sept. 17.
- Condensation products of urea and aldehyde, Making. K. Ripper. Re19,463; Feb. 12.
- Connector. T. Birkenmaier. 19,716; Oct. 1.
- Container for the packing of articles. W. Juffa. 19,525; Apr. 9.
- Control device for alarm mechanism. C. P. Howard. Re19,447; Feb. 5.
- Control device for alarm mechanism. C. P. Howard. 19,775; Dec. 3.
- Control for cigar machines, Turret index and suction. H. H. Wheeler. 19,677; Aug. 20.
- Controlling generator. C. I. McNeil. 19,738; Oct. 22.
- Conveying and flattening device for small bags filled with tea or the like. A. Rambold. 19,675; Aug. 20.
- Cooking apparatus. H. T. Hunter. 19,535; Apr. 16.
- Cooling system. S. M. Anderson. 19,748; Nov. 12.
- Core taking apparatus. G. J. Barrett and S. Robichaux. Re19,483; Mar. 5.
- Cotton gathering machine. J. D. Rust. Re19,411; Jan. 1.
- Counterbalance for well pumps. A. L. Skinner. 19,565; May 7.
- Covers to containers, Securing. G. D. Parker. Re19,459; Feb. 12.
- Cowl ventilator. H. J. McPherson. 19,800; Dec. 31.
- Crystals, Producing. B. Kjellgren. 19,698; Sept. 10.
- Crystals, Producing piezo-electric. B. Kjellgren. 19,697; Sept. 10.
- Cultivator. T. W. Johnson. 19,762; Nov. 19.
- Dam construction. W. H. Bailey. 19,603; June 11.
- Device for recording deviation from the vertical in wells. G. E. Nevill. Re. 19,505; Mar. 19.
- Diazodinitro-phenol and the product thereof, Producing. R. S. Hancock and L. C. Pritchett. 19,645; July 16.
- Direction signal. H. W. Miller. 19,552; Apr. 30.
- Disk harrow. S. S. Furrer. 19,598; June 4.
- Disks for centrifugal separators, Producing conical. H. O. Lindgren. 19,790; Dec. 17.
- Distributor mechanism. C. A. Moss Grove. 19,801; Dec. 31.
- Doll. C. E. Bowers. 19,657; July 30.
- Doorlock. R. N. Smith. Re19,440; Jan. 22.
- Drawer manifold device, Cash. J. Q. Sherman. Re19,418; Jan. 8.
- Drum weir. B. H. Kersting. 19,623; June 25.
- Dumb waiter, etc., Electrically driven. B. J. Henriksen. 19,523; Apr. 9.
- Dumping receptacle. G. O. Harm and R. R. McBride. 19,795; Dec. 24.
- Dyestuff and making same. Azo. A. L. Laska and A. Zitscher. 19,527; Apr. 9.
- Dyestuffs of the acridone and thioxanthone series and making them. Vat. P. Nawiasky, W. Bauer, and E. Krauch. Re19,437; Jan. 22.
- Electric cooking appliance. H. J. Lipham. 19,717; Oct. 1.
- Electric machine, Dynamo. F. Creed. Re19,446; Feb. 5.
- Electrical condenser. L. Endenburg. 19,604; June 11.
- Electrical connector. C. G. Olson. Re19,479; Feb. 26.
- Electrical heating elements, Forming. E. L. Wiegand. 19,567; May 7.
- Electrical switch, High voltage. F. G. Baum. 19,588; May 28.
- Electrical switching station. A. M. Rossman. 19,797; Dec. 24.
- Electrocleaning process. T. E. Dunn. 19,773; Dec. 3.
- Electroprocessing machine. A. H. Hannon. 19,560; May 7.
- Engine and turbine, Combined reciprocating. H. Wach. 19,715; Sept. 24.

- Envelope, Shirt. L. Blumenstock. 19,620; June 25.
 Evaporators, Making. T. J. Little, Jr. 19,778; Dec. 3.
 Fabric and method and apparatus for producing it. H. L. Shuttleworth. 19,554; Apr. 30.
 Fabrics, Apparatus for tufting. W. D. Van Dyke. 19,541; Apr. 16.
 Fastener. H. Rosenberg. 19,792; Dec. 17.
 Fastener, fastener installation and attaching the same, Separable. A. W. Kimbell. 19,624; June 25.
 Felt and felt material, Ornamented. F. R. Stirn. Re19,421; Jan. 8.
 Fence, Highway guard. R. L. Stockard. 19,676; Aug. 20.
 Fiberboard box. G. C. Babcock. 19,656; July 30.
 Fiber, Making felted mineral. E. R. Powell. 19,627; June 25.
 Fishing lure. W. M. Jordan. 19,671; Aug. 20.
 Fishing reel. C. A. Godshalk, F. Henke, and D. Behrsing. 19,559; May 7.
 Fishing reel, Free reeling. J. P. Shaw. 19,740; Oct. 22.
 Floor shim. J. A. Bohnsack. 19,634; July 9.
 Floor, Tiled. S. W. Chaffee. 19,518; Apr. 9.
 Fluids from wells, Apparatus and method for removing. J. T. Simmons. 19,711; Sept. 10.
 Folding mechanism. C. S. Crafts and C. A. Harless. 19,591; May 28.
 Food preparing and delivery machine. H. R. Brand. 19,685; Sept. 3.
 Footballs, basket balls, or like inflatable balls, Apparatus for treating. B. Kozmer. 19,789; Dec. 17.
 Fruit, Apparatus for treating. F. Stabler. 19,760; Nov. 26.
 Fuel feeding device and safety mechanism in connection therewith, Liquid. W. W. Williams. 19,573; May 21.
 Furnace bottoms, Preservation of metallurgical. A. T. Cape and K. B. Bowman. 19,517; Apr. 9.
 Fuse. A. Ramsey. Re19,462; Feb. 12.
 Fuse box. W. D. Kyle. Re19,449; Feb. 5.
 Fuse device, Safety. J. Stone. 19,584; May 21.
 Fuse for aeroplane defense projectiles. H. Junghans. 19,755; Nov. 12.
 Game apparatus. F. L. Mills. 19,674; Aug. 20.
 Garment, Wrap-around. M. C. Schrank. 19,669; Aug. 13.
 Garments, Manufacturing. F. A. Schmidt and H. H. Kramer. 19,571; May 14.
 Gas supplying method and device therefor. C. W. P. Heylandt. Re19,458; Feb. 12.
 Gases, Apparatus for heating. P. H. Hoyster. 19,757; Nov. 12.
 Gases, Apparatus for treating. A. B. Ray. 19,791; Dec. 17.
 Gaskets to jar caps, Making and applying. M. G. Parks. 19,536; Apr. 16.
 Gasoline and the product thereof, Treating. A. P. Bjerregaard. Re19,512; Apr. 2.
 Glass, Method of and apparatus for melting. W. O. Amsler. 19,788; Dec. 17.
 Glassware, Method of and apparatus for the manufacture of blown. A. J. Smith. Re19,439; Jan. 22.
 Globes, Grooved supporting fork for. R. B. Lawton. 19,682; Aug. 27.
 Grinding wheel for bristles. W. S. Elliot. 19,799; Dec. 31.
 Guard finger and ledger plate for mowing machines. J. B. Jensen. 19,658; July 30.
 Guard for shoe heels. N. F. Winget. 19,543; Apr. 16.
 Guard, Window. H. van Dresser. 19,617; June 18.
 Guy wire protector. H. E. Miller. 19,639; July 9.
 Gypsum product, Cellular. G. A. New. Re19,506; Mar. 19.
 Hair drying machine. A. Troccoli. 19,726; Oct. 15.
 Halogens, Recovering. H. E. Bierbaum. 19,720; Oct. 15.
 Harvester, Beet. H. L. Malcomb and H. S. Harker. 19,672; Aug. 20.
 Hearing device support. M. Albert. 19,609; June 18.
 Hearth for oil burning furnaces. M. A. Powers. 19,785; Dec. 10.
 Heat conducting tube. T. E. Murray. 19,782; Dec. 3.
 Heat exchanger. R. E. Wilson. 19,701; Sept. 10.
 Heating system. P. R. Owens. Re19,507; Mar. 19.
 Holder for facilitating distribution of accounts, Record sheet. N. E. Newman and F. A. Niemann. 19,743; Oct. 29.
 Hot extrusion method. F. Singer. Re19,474; Feb. 19.
 Hot water temperature regulator. E. A. Russell, P. B. Parks, and W. M. Smith. Re19,488; Mar. 5.
 Housing for universal joints. C. Gerold. 19,533; Apr. 16.
 Humidifier. G. O. Toepfer. 19,546; Apr. 23.
 Hydraulic press. H. J. McKay and P. J. Carlsen. 19,780; Dec. 3.
 Hydrogen, Production of. F. Hansgirk. 19,733; Oct. 22.
 Ice machine. R. Velut. 19,699; Sept. 10.
 Ignition, Liquid fuel burner. M. A. Powers. 19,766; Nov. 26.
 Illuminated sign. W. B. Piper. Re19,417; Jan. 8.
 Image broadcasting system. W. G. H. Finch. 19,575; May 21.
 Implement hitch. A. E. W. Johnson. 19,550; Apr. 30.
 Indicating instrument. J. D. Peace. 19,709; Sept. 17.
 Intercone mill. H. H. Rumpel. 19,538; Apr. 16.
 Internal combustion engine, Compression ignition. O. D. Treiber. 19,742; Oct. 22.
 Iron alloys free from gases, especially oxygen, Process and device for the production of. C. Brackelsberg. 19,610; June 18.
 Iron, Production of sponge. W. D. Brown. 19,770; Dec. 3.
 Jetty. S. M. Wood. 19,786; Dec. 10.
 Joint for rotary drills. Tool. F. J. Hinderliter. 19,690; Sept. 3.
 Key, Cotter. J. W. Peterson. Re19,452; Feb. 5.
 Ladle structure. P. Pollock and C. A. Wills. 19,683; Aug. 27.
 Latex, Coagulation of. S. B. Neiley. Re19,426; Jan. 15.
 Lens, Multifocal. L. W. Bugbee, Jr. Re19,413; Jan. 8.
 Limit timing mechanism. R. D. Smith. 19,539; Apr. 16.
 Liquid cooling apparatus. L. Samei. 19,615; June 18.
 Loading device. G. M. Kilcarr. 19,659; July 30.
 Lubricating device. A. Y. Dodge. 19,628; July 2.
 Lubricating installation. J. Bijur. 19,589; May 28.
 Lubricating system and product. W. V. Kidder. Re19,436; Jan. 22.
 Machine for forming and applying plastic gaskets to jar caps. M. G. Parks. Re19,460; Feb. 12.
 Machine for welding metallic articles. G. N. Williams. 19,542; Apr. 16.
 Machine for working fine gold. U. H. Nottingham. 19,739; Oct. 22.
 Machine winding, Dynamo-electric. D. D. Chase. Re19,433; Jan. 22.
 Magnetic testing method and means. A. V. de Forest. 19,611; June 18.
 Magnetic tests and measurements, Apparatus for making. P. C. Hermann. 19,600-1; June 4.
 Margarine and producing the same. B. R. Harris. Re19,425; Jan. 15.
 Margarine, Manufacturing. M. C. Reynolds. 19,767; Nov. 26.
 Marker and flower vase, Combination grave. J. M. Powell. 19,602; June 4.
 Masks for fowls. J. Jones. 19,562; May 7.
 Massaging device. P. L. Hemp. 19,696; Sept. 10.
 Material on articles, Method of and apparatus for vulcanizing. L. F. Lamplough. Re19,444; Jan. 29.
 Mercury printing apparatus and process. A. W. Stephenson. Re19,489; Mar. 5.
 Metal, Carbon-free. P. D. Merica and A. E. Kayes. 19,725; Oct. 15.
 Metal, Method and mill for rolling. J. R. Coe. 19,590; May 28.
 Metal particles, Reworking finely divided. J. Schmeller, Sr. Re19,490; Mar. 5.
 Metal sulphides and making sulphur dioxide, Process of and apparatus for oxidizing. H. Freeman. 19,532; Apr. 16.
 Millivoltmeter. K. M. Lederer. 19,735; Oct. 22.
 Mortuary record container. H. P. Hansen. 19,593; May 28.
 Motor control means, Hydraulic. W. Ernst. 19,694; Sept. 10.
 Motor control system. D. C. Wright. 19,547; Apr. 23.
 Motor drive means for clocks, Self starting synchronized. F. Toewe. Re19,481; Feb. 26.
 Multiplex receiving apparatus. R. E. Mathes. 19,626; June 25.
 Multi-ply bag. B. B. Weaver. 19,803; Dec. 31.
 Musical instrument, Electrical. L. E. A. Bourn. 19,702; Sept. 17.
 Nonrefillable device. J. P. Burke. 19,516; Apr. 9.
 Nut and cup washer assembly. F. U. Winchester and J. H. Hunt. Re19,492; Mar. 5.
 Oil, Apparatus for reclaiming used and diluted lubricating. L. J. Ireland. 19,646; July 16.
 Oil, gas, and water, Method of and apparatus for the separation of. W. G. McMurray. 19,666; Aug. 13.
 Oil, Separation of mineral. M. H. Tuttle. 19,763; Nov. 19.
 Ornament, Christmas tree light. C. J. McCoy. 19,652; July 23.
 Ornamental member for wheels. G. A. Lyon. Re19,467; Feb. 12.
 Ornamenting ring for wheel rims. G. A. Lyon. Re19,466; Feb. 12.
 Paper article and making same, Flanged reenforced. A. Moore. Re19,504; Mar. 19.
 Paper, Copperized. W. R. Barber, A. G. Natwick and M. W. Phelps. 19,643; July 16.
 Paper, Manufacture of. H. R. Rafton. 19,528; Apr. 9.
 Paper pulp bleaching process. W. Hirschkind. Re19,470; Feb. 19.
 Pen, Fountain. W. A. Sheaffer. 19,530; Apr. 9.
 Petroleum hydrocarbons, Treating. R. Cross. 19,568; May 14.
 Phenol formaldehyde condensation products, Manufacture of. A. Ostersetzer and F. Riesenfeld. 19,708; Sept. 17.
 Photocell compensating system. G. B. Scheibell. 19,768; Nov. 26.
 Photophonographic apparatus. A. Shoup. 19,714; Sept. 24.
 Pies, Apparatus for baking. F. W. Carlson. Re19,424; Jan. 15.
 Plant and apparatus for making paper. J. K. Darby. 19,686; Sept. 3.
 Plaster foundation. W. F. Schulz. Re19,480; Feb. 26.
 Plastic articles, Forming. L. W. Hottel. 19,524; Apr. 9.
 Plumbing fixture. R. M. Crosbie. 19,771; Dec. 3.
 Polysulphide and organic compound reaction product and process, Soluble. J. C. Patrick. Re19,487; Mar. 5.
 Power mechanism. C. S. Bragg. 19,515; Apr. 9.
 Power transmission mechanism. P. M. Salerni. Re19,428; Jan. 15.
 Pressing machine. E. V. McTague. 19,563; May 7.
 Pressure reducing and regulating valve. P. C. Temple. 19,545; Apr. 23.
 Pressure reducing valve. P. C. Temple. 19,540; Apr. 16.

- Printing press for producing wax carbon spots on sheets of paper. G. A. Rutkoskie and N. S. Welk. 19,642; July 9.
- Projection screen. T. F. Yagle. 19,574; May 21.
- Protector for pies or other commodities. W. J. and C. E. Donovan. 19,644; July 16.
- Pump or motor, Rotary. E. R. Dudley. 19,772; Dec. 3.
- Quotation projecting or similar apparatus. A. D. Eitzen. 19,746; Nov. 5.
- Radiator. T. E. Murray. 19,781; Dec. 3.
- Radiator control, Thermostatic. J. G. Dintilhac. 19,728; Oct. 22.
- Radiator unit. J. E. Gortner. Re19,502; Mar. 19.
- Radiocapacitor. F. G. Freese. 19,688; Sept. 3.
- Radioreceiver. D. E. Harnett. 19,765; Nov. 26.
- Rag or pad, Wash. E. Mar. 19,796; Dec. 24.
- Rail and wheel flange lubricator. H. B. Bates. 19,548; Apr. 30.
- Rail joint and bar therefor. R. F. Greenwood. 19,522; Apr. 9.
- Rail joint and bar therefor. G. Langford. 19,638; July 9.
- Reamer. F. P. Miller. Re19,450; Feb. 5.
- Receiving apparatus for electromagnetic waves. C. C. Lauritsen. 19,723; Oct. 15.
- Reflecting electric lamp. H. A. Douglas. 19,519; Apr. 9.
- Refrigerating apparatus. H. B. Hull. 19,534; Apr. 16.
- Refrigeration apparatus. E. T. Williams. 19,595; May 28.
- Refrigeration apparatus. E. T. Williams. 19,700; Sept. 10.
- Refrigeration system and apparatus. G. E. Hulse. Re19,415; Jan. 8.
- Refrigerator. H. A. Glasser. 19,752; Nov. 12.
- Refrigerator structure. L. G. Copeman. 19,798; Dec. 31.
- Regulating apparatus. M. O. Snediker. Re19,419; Jan. 8.
- Remote control apparatus. C. W. Bell. Re19,454; Feb. 12.
- Remote control system. E. F. Chandler. Re19,445; Feb. 5.
- Resistor, Variable. J. A. Flanzer, L. L. Jones, and E. Reisman. 19,605; June 11.
- Rheostat potentiometer and constructing the same. D. T. Siegel. 19,607; June 11.
- Rosin from resinous wood, Extracting. L. N. Bent. 19,749; Nov. 12.
- Rotary machine. L. E. Zerbe. Re19,510; Mar. 26.
- Rubber articles, Method of and apparatus for vulcanizing. T. M. Knowland. 19,660; July 30.
- Rubber composition and preserving rubber. M. C. Reed. 19,654; July 23.
- Rubber latex and product obtained thereby, Treating. J. McGavack. Re19,434; Jan. 22.
- Saw, Scroll. R. B. Combs. Re19,501; Mar. 19.
- Semitrailer and auxiliary support. A. W. Molinare. Re19,451; Feb. 5.
- Separable compartment tank. F. G. Thwaites. Re19,472; Feb. 19.
- Sewage and other liquids, Purification of. W. Jones. 19,577; May 21.
- Sewing machine. R. V., and H. Naftali. 19,653; July 23.
- Sewing machines, Pinking attachment for. M. Popper. 19,667; Aug. 13.
- Shaft, Tubular metallic. W. W. Hackett. 19,731; Oct. 22.
- Shingle. N. P. Harshberger. 19,637; July 9.
- Shingle machine. N. P. Harshberger. 19,689; Sept. 3.
- Shock absorber. R. F. Peo. 19,631; July 2.
- Shoes, Method and material for repairing. R. R. Bollman and C. L. Ornes. Re19,475; Feb. 26.
- Shredders, Making. A. H. Dixon, T. S. Robson, and F. A. Henschell. Re19,477; Feb. 26.
- Skate and shoe, Interchangeable. A. Johnson. 19,706; Sept. 17.
- Slack adjuster. W. H. Baselt. 19,745; Nov. 5.
- Snowplow with side chutes. J. O. Johnson. 19,754; Nov. 12.
- Sorel-cement product and making the same. H. S. Lukens. 19,779; Dec. 3.
- Sound recording machine. T. F. Baker. 19,692; Sept. 10.
- Sound reproducing apparatus for advertising purposes. F. G. Salcedo. 19,583; May 21.
- Speed changer. H. A. Jahraus. Re19,471; Feb. 19.
- Spinning mechanism, Long draft. J. A. Jessen. Re19,495; Mar. 12.
- Spray process products, Controlling characteristics of. D. R. Lamont. 19,556; Apr. 30.
- Starter, Engine. R. Chilton. 19,597; June 4.
- Steam boiler. J. E. Black. Re19,455; Feb. 12.
- Stock quotation projecting machine and feeding tape there-through. J. W. Decker. 19,727; Oct. 22.
- Stock quotation projection machine and feeding tape there-through. J. W. Decker. 19,572; May 21.
- Stoker. M. W. Best. 19,693; Sept. 10.
- Strand element and making same, Circum-knitted. F. Meiwahl. 19,551; Apr. 30.
- Sulphur, Recovering. R. C. Benner and A. P. Thompson. 19,531; Apr. 16.
- Surfacing machine, Light weight. H. L. Myers. 19,707; Sept. 17.
- Synchronizing equipment. H. P. Sparkes. Re19,441; Jan. 22.
- Table leg construction. J. E. Bales and C. T. Christensen. 19,596; June 4.
- Tape and projecting images therefrom, Method and apparatus for feeding. J. Ward. 19,670; Aug. 13.
- Tape serving device. T. H. Krueger. 19,756; Nov. 12.
- Tappet, Hydraulic. C. E. Johnson. 19,761; Nov. 19.
- Telegraph communication system. D. B. Perry. 19,614; June 18.
- Telephone exchange system. R. L. Stokely. Re19,491; Mar. 5.
- Telephone system. A. E. Hague and J. B. Draper. 19,695; Sept. 10.
- Telephone system. T. S. Skillman. 19,741; Oct. 22.
- Temperature control system. A. Crossley. 19,680; Aug. 27.
- Thermopile. J. F. Quereau. 19,564; May 7.
- Thread guide for knitting machines. W. T. Kane. Re19,486; Mar. 5.
- Tie rod end connection. E. K. Baker. Re19,482; Mar. 5.
- Tile, Cooling composition. G. P. Heppes. 19,747; Nov. 5.
- Tire cover, All metal. L. Ricci. 19,582; May 21.
- Titanium oxide suitable for use as a pigment, Manufacturing. K. Leuchs. 19,594; May 28.
- Toe reinforcement for stockings, Ornamental. G. Gas-trich. 19,662; Aug. 6.
- Tool slide and lubricator therefor, Machine. J. R. Johnson. Re19,448; Feb. 5.
- Top for cigarette tins, Ornamental. J. B. Rice. Re19,427; Jan. 15.
- Toy nursing bottle. M. Wittmann. 19,649; July 16.
- Toy, Whirling. E. S. Savage. Re19,499; Mar. 12.
- Track circuits and relay therefor, Railway. O. S. Field. 19,636; July 9.
- Traffic controlling apparatus, Railway. G. W. Baughman. 19,633; July 9.
- Traffic controlling apparatus, Railway. H. C. Vantassel. Re19,457; Feb. 12.
- Train control system, Continuous. W. D. Hailes. 19,599; June 4.
- Transmission control device, Friction. F. A. Hayes. 19,681; Aug. 27.
- Transmission, Picture. C. F. Jenkins. 19,561; May 7.
- Tray, Freezing. H. C. Berkeley. Re19,409; Jan. 1.
- Trolley for distributing systems. H. J. L. Frank and W. A. Harper. Re19,513; Apr. 2.
- Truck, Industrial. T. E. Lyons. Re19,497; Mar. 12.
- Truck, Industrial. R. T. Romine. 19,606; June 11.
- Truck, Plate glass transporting. L. Rothholz. 19,580; May 21.
- Tube finishing and advancing machine, Automatic. W. Prussing. 19,578; May 21.
- Tubes, Drawing. J. Heddon. 19,734; Oct. 22.
- Tubes, rods, or bars, Manufacture of fluted, corrugated, twisted, or other like metal or other. J. J., and W. Reimann. 19,655; July 23.
- Tubing in wells, Process and apparatus for inserting. H. C. Otis. Re19,498; Mar. 12.
- Typesetting machine. C. Chisholm. Re19,468; Feb. 19.
- Typesetting machine operation, Slug-casting. A. Good. 19,704; Sept. 17.
- Type surfacing machine, Planetary. H. L. Myers. 19,613; June 18.
- Umbrella, Telescopic. H. Haupt. 19,576; May 21.
- Unloader valve. C. E. Ploeger. 19,544; Apr. 23.
- Valve. D. D. Goldberg. 19,703; Sept. 17.
- Valve and blow-out preventer, Combination. J. Young. 19,684; Aug. 27.
- Valve for bottle fillers, Sirup. J. Kantor. 19,777; Dec. 3.
- Valve mechanism. L. M. Goldsmith. 19,622; June 25.
- Valve operating mechanism for tank vehicles. J. A. Jensen. 19,691; Sept. 3.
- Valve operating mechanism for tank vehicles. J. A. Jensen. 19,760; Nov. 19.
- Valve spring compressor. I. J. Clarke. Re19,414; Jan. 8.
- Vehicle body. R. L. Carr. Re19,476; Feb. 26.
- Vehicle brake. A. P. Warner and A. B. Cadman. Re19,430; Jan. 15.
- Vehicle lifting jack. L. C. Stukenborg. Re19,465; Feb. 12.
- Vehicle steering wheel. W. E. Webb. Re19,509; Mar. 26.
- Venturi tube. C. I. Justhelm. 19,581; May 21.
- Vibratory system and method. G. W. Pierce. Re19,461; Feb. 12.
- Visual effects, Apparatus for multiple. A. Hudiakoff. 19,629; July 2.
- Volume control. H. A. Wheeler. 19,744; Oct. 29.
- Wall-support structure. E. F. Hauserman, L. D. Mowery, and J. A. Bohnsack. 19,722; Oct. 15.
- Washing machine. A. W. Altorfer. 19,787; Dec. 17.
- Washing machine. O. T. Dehle. Re19,514; Apr. 2.
- Water heating and infusion apparatus. A. Valls. 19,566; May 7.
- Water softening and washing. R. E. Hall. 19,719; Oct. 8.
- Weather strip. C. E. McCormick. Re19,416; Jan. 8.
- Web aligning device. J. E. Euth. 19,718; Oct. 8.
- Web detecting mechanism, Pneumatic. O. V. Payne. 19,641; July 9.
- Welding, Circumferential pipe. G. M. Deming. 19,751; Nov. 12.
- Welding process. R. E. Frickey. 19,764; Nov. 26.
- Well holes, Method of and explosive for blasting deep. J. M. Jeffries. 19,647; July 16.
- Wells, Method and apparatus for cementing. E. P. Halliburton. 19,570; May 14.
- Welding, Making shoe. M. O. Sheper. 19,555; Apr. 30.
- Window control mechanism. J. H. Roethel. 19,579; May 21.

LIST OF PLANT INVENTIONS

Agrostis stolonifera. E. M. Barrows. 143; Oct. 1.	Rose. M. H. Horvath. 152; Dec. 3.
Apple. E. W. Hartman. 125; May 28.	Rose. F. H. Howard. 149; Nov. 26.
Avocado. R. G. Hass. 139; Aug. 27.	Rose. F. H. Howard. 158; Dec. 3.
Azalea. L. C. Bobbink. 145-7; Nov. 5.	Rose. R. Kaucher. Pl. Pt. 121; Feb. 19.
Carnation. A. F. J. Baur. 133; Aug. 13.	Rose. M. Leenders. 138; Aug. 27.
Carnation. Scarlet. A. F. J. Baur. 148; Nov. 19.	Rose. A. M. Lowman. 130; Aug. 13.
Carnation variety. R. Witterstaetter. 127; June 4.	Rose. C. C. Mallerin. 129; July 30.
Freesia (red). A. Frey. 128; July 30.	Rose. R. T. Muller. 150; Nov. 26.
Mango. E. G. Wilkinson. Pl. Pt. 119; Jan. 15.	Rose. J. H. Nicolas. 131; Aug. 13.
Nasturtium. D. Burpee. 141; Sept. 17.	Rose. J. H. Nicolas. 132; Aug. 13.
Orange tree. P. C. Mohn. Pl. Pt. 124; Mar. 5.	Rose. J. H. Nicolas. 136; Aug. 20.
Pansy. S. B. Fillow and J. H. Sniffen. Pl. Pt. 123; Feb. 26.	Rose. J. H. Nicolas. 137; Aug. 20.
Peach tree. D. S. Evers. Pl. Pt. 120; Jan. 15.	Rose. J. H. Nicolas. 153; Dec. 3.
Peach variety. E. Champness. 161; Dec. 17.	Rose. J. H. Nicolas. 160; Dec. 10.
Phlox. J. J. Grullemans. Pl. Pt. 118; Jan. 15.	Rose. C. D. Tanner. 151; Nov. 26.
Rose. R. L. Byrum. 154-6; Dec. 3.	Rose. T. J. Wolfe. 134; Aug. 20.
Rose. R. L. Catron. 157; Dec. 3.	Rose. T. J. Wolfe. 135; Aug. 20.
Rose. W. M. Elmer. Pl. Pt. 117; Jan. 15.	Rose, Hybrid Tea. M. C. Amling. 144; Oct. 29.
Rose. O. R. Fitzhardinge. 140; Sept. 17.	Rose, Variety of. G. C. Thomas, Jr. Pl. Pt. 122; Feb. 19.
Rose. V. S. Hillock. 159; Dec. 10.	Sport of citrus fruit. J. M. Ater. 142; Oct. 1.
	Tree, Orange, R. Robertson. 126; May 28.

LIST OF INVENTIONS

- A. C. Distribution, System of. J. S. Parsons. 1,997,597; Apr. 16.
- Abdominal retractor. R. T. Lucas. 2,013,892; Sept. 10.
- Abdominal support. R. B. McMurtry. 2,003,210; May 28.
- Abundant. G. Kränzlein and R. K. Müller. 2,013,496; Sept. 3.
- Abradant sheet material and its manufacture. L. E. Baringer. 1,998,303; Apr. 16.
- Abrading device. A. S. Sorensen. 1,998,259; Apr. 16.
- Abrading element. K. W. Connor. 2,009,222; July 23.
- Abrading machine. A. N. Emmons. 1,998,417; Apr. 16.
- Abrading machine. J. Gouldbourn and W. R. Barclay. 1,999,291; Apr. 30.
- Abrading machine. J. B. Hadaway. 2,004,109; June 11.
- Abrading machine. C. Johnson. 2,002,665; May 28.
- Abrading machine. R. F. Knight. 1,987,832; Jan. 15.
- Abrading machine. C. L. Mattison and L. T. Medholdt. 1,986,005; Jan. 1.
- Abrading machine. A. E. Maynard. 1,989,939; Feb. 5.
- Abrading machine. W. A. Reed. 2,017,163; Oct. 15.
- Abrading machine. W. Scrimgeour. 1,988,577-8; Jan. 22.
- Abrading material and preparing the same. T. Pohl and J. Schneider. 1,986,849; Jan. 8.
- Abrading or polishing machine. C. Johnson and C. L. Mattison. 2,002,666; May 28.
- Abrading or rubbing article. A. E. Stanley. 2,010,330; Aug. 6.
- Abrading pad. K. H. Bowen. 2,010,474; Aug. 6.
- Abrading tool. W. E. Delano. 2,022,759; Dec. 3.
- Abrading tool. J. L. Hildebrand. 2,018,671; Oct. 29.
- Abrading tool. F. Ricks and E. Hooper. 2,025,125; Dec. 24.
- Abrading tool. C. E. Sturgis. 1,998,562; Apr. 23.
- Abrading tool. G. F. Taylor. 1,996,598; Apr. 2.
- Abrasive. G. Balle, F. Grom and K. Wolf. 2,023,191; Dec. 3.
- Abrasive. J. B. Dietz and H. L. Plummer. 2,004,466; June 11.
- Abrasive. K. Eisenmann, E. Scholz, and K. Wolf. 1,996,911; Apr. 9.
- Abrasive. G. E. Sell. 2,026,255; Dec. 31.
- Abrasive and making the same, Aluminum oxide. J. S. Masin. 2,000,857; May 7.
- Abrasive and making the same, Sheet. F. G. Okle. 2,013,925; Sept. 10.
- Abrasive applying machine. O. Douth. 2,010,536; Aug. 6.
- Abrasive article. O. Vanier. 2,021,160; Nov. 19.
- Abrasive article and making the same. G. H. Davis. 1,989,742; Feb. 5.
- Abrasive article and manufacturing the same. C. S. Nelson and D. B. Sharpe. 1,995,321; Mar. 26.
- Abrasive article. Ceramic bonded. L. H. Milligan and D. Armitage. 1,987,861; Jan. 15.
- Abrasive articles. C. E. Woodell, C. S. Nelson, and R. Lincoln. 2,001,911; May 21.
- Abrasive articles and manufacturing the same. H. C. Martin and F. A. Upper. 2,010,873; Aug. 13.
- Abrasive articles, Forming. F. K. Bezenberger. 2,015,658; Oct. 1.
- Abrasive articles, Manufacture of. A. L. Ball and R. C. Benner. 1,998,919; Apr. 23.
- Abrasive articles, Rotary bonded. A. H. Prey. 2,015,727; Oct. 1.
- Abrasive articles, Rubber bonded. R. H. Martin. 2,022,893; Dec. 3.
- Abrasive cleaner dispenser. F. G. Geis. 2,024,037; Dec. 10.
- Abrasive cut-off machine. H. G. Robinson. 2,009,859; July 30.
- Abrasive device. J. L. Ballash and P. Bucheister. 2,023,041; Dec. 3.
- Abrasive fabrics, Manufacture of open-spaced. C. E. Woodell. 1,988,065; Jan. 15.
- Abrasive implement, Flexible. R. C. Shuey. 2,025,249; Dec. 24.
- Abrasive machine. W. W. Price and C. W. Ripsch. 2,016,725; Oct. 8.
- Abrasive pad. H. Feuerstein. 2,018,611; Oct. 22.
- Abrasive product. L. K. Heinrich. 2,022,199; Nov. 26.
- Abrasive products, Manufacture of rubber bonded. J. N. Kuzmick and J. A. Lange. 1,990,737; Feb. 12.
- Abrasive separating and cleaning apparatus. R. B. Huyett. 1,994,610; Mar. 19.
- Abrasive stone holder. M. N. Prange. 2,000,611; May 7.
- Abrasive surfaces, Cleaning. C. A. Maris. 2,105,603; Sept. 24.
- Abrasive surfacing disk. J. A. Malcolm. 1,988,874; Jan. 22.
- Abrasive to belts, polishing wheels, or the like, Apparatus for applying. J. S. Porter. 1,998,905; Apr. 23.
- Abrasive wheel. G. H. Bullard. 1,989,074; Jan. 29.
- Abrasive wheel. F. H. Manchester. 2,024,591; Dec. 17.
- Abrasive wheel. H. R. Simonds. 1,986,648; Jan. 1.
- Abrasive wheel. C. E. Wilson. 1,997,957; Apr. 16.
- Absorbefacient for dry-cleaning. W. T. Reddish. 2,024,981; Dec. 17.
- Absorbent disposable pad. W. T. Lane. 2,010,433; Aug. 6.
- Absorbent materials and apparatus for producing the same, Coated. G. E. Pelton. 2,022,322; Nov. 26.
- Absorber for absorption refrigeration plants. G. F. Zellhoefer. 1,987,055; Jan. 15.
- Absorption cycle temperature control apparatus. G. Wilkes and J. S. Avery. 2,004,843; June 11.
- Absorption process for gases. K. E. Stuart. 1,993,421; Mar. 5.
- Absorption refrigerating apparatus. E. Gruber. 2,003,437; June 4.
- Absorption refrigerating apparatus. D. B. Knight. 1,986,638; Jan. 1.
- Abutment for container vehicles, Movable. F. W. Hankins and F. K. Fildes. 1,988,944; Jan. 22.
- Abutment for container vehicles, Movable. S. H. Owens. 2,002,439-40; May 21.
- Acceleration, Apparatus for studying. P. E. Klopsteg. 2,024,231; Dec. 17.
- Acceleration for the vulcanization of rubber. W. Baird. 2,014,421; Sept. 17.
- Acceleration indicating device. F. Miess. 2,021,667; Nov. 19.
- Accelerator. H. W. Lane. 1,993,935; Mar. 12.
- Accelerator. L. B. Sebrell and A. M. Clifford. 1,994,731; Mar. 19.
- Accelerator compound and preparing same. D. H. Powers. 1,993,803; Mar. 12.
- Accelerator for rubber vulcanization, Manufacture of an. C. O. North. 2,024,470; Dec. 17.
- Accelerator of vulcanization. L. B. Sebrell. 2,024,605; Dec. 17.
- Accelerator of vulcanization. W. L. Semon. 2,026,256; Dec. 31.
- Accessory. A. Landis. 2,006,463; July 2.
- Accordion. O. Schmidt. 2,023,342; Dec. 3.
- Accordion, Pneumatically playing. R. Seybold. 2,019,800; Nov. 5.
- Account book and binder. H. D. Clark. 2,009,981; July 30.
- Accounting machine. J. W. Bryce. 2,016,704; Oct. 8.
- Accounting machine. F. L. Fuller. 2,003,783; June 4.
- Accounting machine. F. L. Fuller. 2,019,900; Nov. 5.
- Accounting machine. E. L. Kirkegaard. 2,000,233; May 7.
- Accounting machine. J. R. Peirce. 1,987,310; Jan. 8.
- Accounting machine. J. R. Peirce. 2,010,642; Aug. 6.
- Accounting machine. R. Slawick. 2,012,111; Aug. 20.
- Accounting machine for punching totals. I. B. Knutson. 1,987,342; Jan. 8.
- Accumulating system. C. Föhl. 2,001,304; May 14.
- Accumulator. B. S. T. Bishop and E. J. Hirvonen. 1,994,747; Mar. 19.
- Acenaphthylene, Production of. C. Wulff, O. Nicodemus, and M. Treppenbauer. 2,004,884; June 11.
- Acetaldehyde and acetic anhydride, Purifying a mixture of. L. V. Clouzeau. 1,986,322; Jan. 1.
- Acetaldehyde, Making. R. W. Millar and L. V. Steck. 2,005,946; June 25.
- Acetals, Production of. W. Reppe and K. Baur. 2,000,252; May 7.
- Acetic acid. E. C. Britton, H. S. Nutting, and M. E. Huscher. 2,000,878; May 7.
- Acetic acid recovery. F. W. Koster. 1,996,706; Apr. 2.
- Acetone, Production of. K. Róka and K. Weisler. 2,014,294; Sept. 10.
- Acetotricarballylic ester. F. Zwillgmeyer. 2,017,882; Oct. 22.
- Acetyl chloride, Preparing. G. Meder, E. Eggert, and A. Grimm. 2,013,988; Sept. 10.
- Acetyl chloride, Preparing. G. Meder, W. Gelssler, and E. Eggert. 2,013,989; Sept. 10.
- Acetyl choline acetate. J. K. Cline. 2,013,536; Sept. 3.
- Acetylene and carbon black, Production of. O. Elsenhut, H. Schilling, and P. Baumann. 2,002,003; May 21.
- Acetylene from gases, Recovery of. G. B. Taylor. 1,996,088; Apr. 2.
- Acetylene generator. M. Czup. 1,990,857; Feb. 12.
- Acetylene generator. M. P. De Motte. 1,992,358; Feb. 26.
- Acetylene generator. M. P. De Motte. 1,995,968; Mar. 26.
- Acetylene generator. M. P. De Motte. 2,009,543; July 30.
- Acetylene generator. A. J. and I. F. Fausek. 2,008,821; July 23.
- Acetylene, Production of. P. Baumann and H. Schilling. 1,992,598; Feb. 26.
- Acetylene, Production of. P. Baumann and O. Stadler. 2,013,996; Sept. 10.
- Acetylene, Production of. W. Grilme and H. Tramm. 1,989,273; Jan. 29.
- Acetylene, Purification of. P. Baumann, H. Bueckert, W. Sandhaas, and H. Schilling. 1,988,032; Jan. 15.

- Acetylene with acetic acid, Combining. E. Rabald. 2,011,011; Aug. 13.
- Acid: See—
 Acetic acid. Sulphonic acid.
 Hydrochloric acid. Tertiary butyl acetic acid.
 Octylsalicylic acid.
- Acid and available less common elements, Simultaneous production of available phosphoric. F. W. Genz. 2,005,617; June 18.
- Acid and benzoates, Preparation of benzoic. J. E. Demant. 1,998,925; Apr. 23.
- Acid and benzoates, Production of benzoic. J. E. Demant. 2,005,774; June 25.
- Acid and derivatives of the same, Producing phosphoric. G. F. Moore. 2,013,970; Sept. 10.
- Acid and its salts, Secondary-amyl allyl barbituric. H. A. Shonle. 1,998,102; Apr. 16.
- Acid and liquid nitrogen tetroxide, Production of nitric. N. Caro, A. R. Frank, R. Wendlandt, and T. Fischer. 1,989,267; Jan. 29.
- Acid and making the same, Anthrapyridone sulphonic. K. Weinand. 2,025,921; Dec. 31.
- Acid and resins, Recovery of sulphuric. G. W. J. Bradley. 2,026,456; Dec. 31.
- Acid and salts thereof, Aminocarboxylic. R. Fick. 2,004,523; June 11.
- Acid and silicon alloys, Simultaneously producing phosphoric. M. J. Udy. 2,000,627; May 7.
- Acid and sludge acid, Concentrating sulphuric. I. Hechenbleikner. 1,991,745; Feb. 19.
- Acid and the alkali metal salts thereof and preparing them, 2-amino-3-bromo-antraquinone-sulphonic. G. Kränzlein, M. Corell, and W. Schaich. 2,025,170; Dec. 24.
- Acid anhydride, Manufacture of aliphatic. S. J. Green. 1,990,902; Feb. 12.
- Acid anhydrides, Manufacture of aliphatic. H. Dreyfus. 1,991,085; Feb. 12.
- Acid anhydrides, Manufacture of carboxylic. M. de Simo. 2,007,642; July 9.
- Acid anhydrides, Production of fatty. R. Müller and E. Rabald. 2,001,211; May 14.
- Acid, Apparatus for the manufacture of sulphuric. E. Rothammel. 2,006,031; June 25.
- Acid, Aromatic arsonic. K. Streitwolf, A. Fehrlé, and H. Oesterlin. 2,023,751; Dec. 10.
- Acid, Arylating peri. W. J. Cotton. 1,988,719; Jan. 22.
- Acid by the contact process, Production of sulphuric. C. B. Clark. 2,019,893; Nov. 5.
- Acid, Chlorination of propionic. S. L. Bass and W. L. Burlew. 1,993,713; Mar. 5.
- Acid compositions, Manufacture of. J. V. Shinn. 2,003,907; June 4.
- Acid compounds and making them, Bismutho-benzene-arsonic-stibonic. K. Streitwolf, A. Fehrlé, W. Herrmann, P. Fritzsche, and R. Schnitzer. 2,001,986; May 21.
- Acid compounds of 1-phenyl-2, 3-dimethyl-4-isopropyl-5-pyrazolone, Barbituric. O. Schnider. 2,014,866; Sept. 17.
- Acid compounds, Producing glutamic. E. Bartow and R. L. Albrook. 1,992,804; Feb. 26.
- Acid condensation product and making same, Cresylic. I. J. Novak. 2,013,523; Sept. 3.
- Acid-containing package. H. Adler and W. H. Woodstock. 2,004,926; June 18.
- Acid, Cured tung oil. H. L. Plummer and L. F. Stone. 2,011,908; Aug. 20.
- Acid, Dearsenication of sulphuric. P. W. Bachman. 2,019,038; Oct. 29.
- Acid derivative of organic sulphur compounds, Sulphuric. A. Kirstahler and W. J. Kaiser. 2,017,004; Oct. 8.
- Acid derivatives, Naphthoic. M. A. Dahlen. 1,987,669; Jan. 15.
- Acid derivatives of ether-esters and their production, Sulphuric. W. Lübbert. 2,007,869; July 9.
- Acid ester of leuco-1,2,2',1'-anthraquinone azine, Preparing the tetrasulphuric. G. Rösch, J. Haller, and F. Helwert. 2,022,218; Nov. 26.
- Acid ester of phthalic acid and manufacturing the same, Neutral cresylic. L. P. Kyrides. 1,989,699; Feb. 5.
- Acid esters and their preparation, Levulinic. E. F. Izard and P. L. Salzberg. 2,004,115; June 11.
- Acid esters from olefines, Manufacture of carboxylic. T. Kane. 2,014,850; Sept. 17.
- Acid esters, Manufacture of dicarboxylic. C. W. Hawley. 2,020,356; Nov. 12.
- Acid esters, Manufacture of substituted malonic. T. S. Carswell and H. W. Faust. 1,998,307; Apr. 16.
- Acid esters of aliphatic alcohols, Preparing phosphoric. B. M. Vanderbilt and H. B. Gottlieb. 2,008,478; July 16.
- Acid esters of cellulose, Changing the solubility characteristics of the lower fatty. A. F. Bidaud. 1,997,267; Apr. 16.
- Acid esters of cellulose, Refining organic. D. E. Northrop and R. C. Burton. 2,024,246; Dec. 17.
- Acid esters of higher alcohols, Polybasic. E. E. Reid. 2,015,088; Sept. 24.
- Acid esters of leuco derivatives of vat dyestuffs, Acid sulphuric. W. Bauer and E. Kramer. 2,014,489; Sept. 17.
- Acid esters of leuco derivatives of vat dyestuffs, Preparing sulphuric. L. Zehn, W. Bauer, and B. Bollweg. 1,995,557; Mar. 26.
- Acid esters of symmetrical dialkyl ethylene glycols and its production, Fatty. V. L. Hansley. 2,025,684; Dec. 24.
- Acid esters of the condensation products of a glycol and chlorinated paraffin hydrocarbons, Inorganic. K. Keller, H. Hopff, E. Gofferje, and J. Nuesslein. 1,998,583; Apr. 23.
- Acid esters, Production of unsaturated aliphatic. H. J. Barrett. 2,013,648; Sept. 10.
- Acid fermentation process, Propionic. H. R. Stiles. 2,020,251; Nov. 5.
- Acid from acetaldehyde, Preparing acetic. K. Weibezahn and F. Walter. 2,001,171; May 14.
- Acid from hydrogen sulphide gas, Manufacture of sulphuric. I. Hechenbleikner. 2,003,442; June 4.
- Acid from other fatty acids, Separation of formic. H. E. Buc. 1,993,259; Mar. 5.
- Acid from peroxide solutions, Removal of. J. S. Reichert. 2,021,384; Nov. 19.
- Acid from sulphite waste liquor, Apparatus for separating sulphurous. K. Heinemann. 2,006,138; June 25.
- Acid handling equipment and producing the same. G. O. Carlson. 2,007,954; July 16.
- Acid inhibiting agent. F. B. Downing and H. W. Walker. 2,016,035; Oct. 1.
- Acid inhibitor. F. B. Downing and R. G. Clarkson. 2,006,710; July 2.
- Acid ketones and derivatives thereof, Manufacture of carboxylic. C. Conover, F. D. Smith, and C. V. Benz. 1,999,181; Apr. 30.
- Acid leaching. P. G. Nutting. 1,991,819; Feb. 19.
- Acid liquor, Stabilizing. A. J. van Peski. 2,010,337; Aug. 6.
- Acid, Making acetic. G. H. Foster. 2,009,838; July 30.
- Acid, Making trimethyl acetic. A. T. Larson. 1,995,930; Mar. 26.
- Acid, Manufacture of hydrocyanic. C. R. Harris. 2,000,134; May 7.
- Acid, Manufacture of 1-nitro-antraquinone-6-carboxylic. E. E. Beard and R. N. Lulek. 1,991,191; Feb. 12.
- Acid, Manufacture of phosphoric. I. Hechenbleikner. 1,990,233; Feb. 5.
- Acid, Manufacture of sulphuric. C. B. Clark. 1,995,292; Mar. 26.
- Acid, Manufacture of sulphuric. H. F. Merriam. 1,995,360; Mar. 26.
- Acid, Manufacture of sulphuric. H. F. Merriam. 2,023,203; Dec. 3.
- Acid, Method of and apparatus for condensing sulphuric. C. B. von Girssewald, W. Siecke, and M. Wohlwill. 2,017,676; Oct. 15.
- Acid of increased efficiency, Engraver's etching. E. R. Boller. 1,994,499; Mar. 19.
- Acid of the benzene series, Sulphonic. R. Stüsser. 1,998,563; Apr. 23.
- Acid or oleum, Making concentrated sulphuric. I. Hechenbleikner. 2,001,359; May 14.
- Acid, Oxidation of arsenious. E. R. Boller. 1,992,053; Feb. 19.
- Acid, Preparation of formic. J. C. Woodhouse. 2,001,659; May 14.
- Acid, Preparation of phthalic. L. C. Daniels and A. O. Jaeger. 2,001,053; May 14.
- Acid, Preparing muscle adenylic. C. L. Lautenschläger. 2,010,192; Aug. 6.
- Acid, Producing benzanthrone carboxylic. V. M. Weinmayr and J. M. Tinker. 1,990,807; Feb. 12.
- Acid, Producing lactic. O. M. Urbain. 2,009,753; July 30.
- Acid, Production of benzoic. M. Scharff, J. Brode, A. Johannsen, and J. Reichart. 1,988,876; Jan. 22.
- Acid, Production of carboxylic. W. E. Vall. 2,000,053; May 7.
- Acid, Production of formic. G. B. Carpenter. 1,991,732; Feb. 19.
- Acid, Production of formic. G. B. Carpenter. 2,023,003; Dec. 3.
- Acid, Production of hydrocyanic. L. Andrussov. 2,006,981; July 2.
- Acid, Production of lactic. G. Braun. 2,024,565; Dec. 17.
- Acid, Production of pure phosphoric. M. J. Udy. 2,020,976; Nov. 12.
- Acidproof composition. C. R. Kuzell, J. R. Marston, and F. X. Mooney. 1,998,935; Apr. 23.
- Acid pump. F. R. Forrest and F. I. Lindau. 2,017,026; Oct. 8.
- Acid, Purification of lactic. I. L. Haag. 2,013,096; Sept. 3.
- Acid, Purification of lactic. A. D. Macallum. 2,013,104; Sept. 3.
- Acid, Purification of strong phosphoric. W. H. Knox, Jr. 2,003,051; May 28.
- Acid resins and compositions containing them, Modified polyhydric alcohol-polybasic. B. E. Sorenson. 2,019,510; Nov. 5.
- Acid salts of piperazines, Cinchoninic. S. Ornstein. 2,008,923; July 23.
- Acid, Separating hydrocyanic. W. Klempt. 2,008,253; July 16.
- Acid, Separation of 1,8-naphthylamine sulphonic. H. G. Mow. 1,996,822; Apr. 9.
- Acid sludge, Method and apparatus for treating. J. W. Chewing and W. C. Dickerman, Jr. 2,014,556; Sept. 17.

- Acid sludge, Method and apparatus for treating. W. S. Wilson. 1,987,278; Jan. 8.
- Acid solution and method for stabilizing same. Zirconium, silicon alkali. C. J. Kinzie. 2,017,125; Oct. 15.
- Acid solutions, Treating. T. C. Oliver and S. F. Spangler. 2,021,867; Nov. 19.
- Acid starting from the oxidation of ammonia, Preparation of concentrated nitric. G. Fauser. 1,991,452; Feb. 19.
- Acid substances, Pyrolytically treating higher fatty. A. W. Ralston. 1,991,955; Feb. 19.
- Acid sulphates and the like compounds, Packing. L. Löwenstein. 2,020,072; Nov. 5.
- Acid sulphuric acid ester derivatives of indanthrone dye-stuffs, Preparation of easily water-soluble. R. Ratti. 1,999,477; Apr. 30.
- Acid synthesis process. A. T. Larson. 1,994,955; Mar. 19.
- Acid, Treating waste. A. B. Brown and D. W. Bransky. 2,022,800; Dec. 3.
- Acid, Utilization of sludge. W. Glaser. 1,989,512; Jan. 29.
- Acidity in petroleum lubricating oils, Neutralizing organic. W. B. Logan. 1,998,765; Apr. 23.
- Acids, Amino. H. M. Barnett. 1,990,769; Feb. 12.
- Acids, Amino-halogenanthraquinone sulphonic. F. Baumann. 2,025,370; Dec. 24.
- Acids and esters, Manufacture of alkylated sulphonic. R. M. Isham. 2,017,803; Oct. 15.
- Acids and phenols, Separation and recovery of naphthenic. D. R. Merrill and A. L. Blount. 2,000,244; May 7.
- Acids and preparing them, Amino. P. W. Carleton. 1,991,787; Feb. 19.
- Acids and preparing them, 2-aminoanthraquinone-sulphonic. G. Kränzlein, M. Corell, and W. Schleich. 2,025,169; Dec. 24.
- Acids and salts, Secondary-amyl allyl barbituric. H. A. Shonle. 1,998,101; Apr. 16.
- Acids and salts thereof, Secondary-heptyl ethyl barbituric. H. A. Shonle. 1,996,629; Apr. 2.
- Acids and their anhydrides, according to the Friedel and Crafts reaction, Condensation of organic. P. H. Grogins and R. H. Nagel. 1,999,538; Apr. 30.
- Acids and their derivatives, Production of monocarboxylic. A. O. Jaeger. 2,020,505; Nov. 12.
- Acids and their derivatives, Production of monocarboxylic. J. E. Jewett. 2,020,508; Nov. 12.
- Acids and their preparation, Amido sulfonic. E. Schirm. 2,009,346; July 23.
- Acids and their preparation, Beta-piperidine sulphonic. O. Nicodemus and O. Wulff. 2,008,292; July 16.
- Acids and their salts, Cyclo-pentyl barbituric. H. A. Shonle. 2,019,936; Nov. 5.
- Acids, Concentrating dilute aqueous water-soluble fatty. J. G. Davidson and J. J. Schaefer. 1,995,965; Mar. 26.
- Acids, Concentration of aliphatic. H. F. Oxley and W. H. Groombridge. 2,018,031; Oct. 22.
- Acids, Distillation of fatty. L. M. Tolman. 1,998,997-8; Apr. 23.
- Acids, Distillation of fatty. L. M. Tolman. 2,006,491; July 2.
- Acids from gases, Separation of weak gaseous. H. Ulrich, H. Dehnert, and F. A. Fries. 2,011,386; Aug. 13.
- Acids from hydrocarbon oils, Removal of naphthenic. F. M. Rogers. 2,007,146; July 2.
- Acids, Making alkoxyacetic. C. J. Malm and G. F. Nadeau. 1,987,121; Jan. 8.
- Acids, Manufacture of alkoxyacetaldehydes and alkoxyacetic. C. J. Malm, G. F. Nadeau, and N. F. Diesel. 2,000,604; May 7.
- Acids, Manufacture of halogenated phenylthioglycollic. H. Veraguth and E. Stöcklin. 2,017,613; Oct. 15.
- Acids, Manufacture of hydroxy aliphatic. H. Dreyfus. 1,999,403; Apr. 30.
- Acids, Manufacture of hydroxy carboxylic. G. Brann. 2,000,213; May 7.
- Acids, Nitrophenylthioglycollic. N. H. Haddock and F. Lodge. 1,994,641; Mar. 19.
- Acids, oils, and fats, Bleaching of fatty. B. E. Renter. 2,022,738; Dec. 3.
- Acids, Preparation of aliphatic carboxylic. A. T. Larson. 2,020,689; Nov. 12.
- Acids, Preparation of aryl thioglycollic. H. A. Lubs, A. L. Fox, and R. A. Smith. 1,988,501; Jan. 22.
- Acids, Preparation of fatty. E. T. Olson and A. W. Goos. 1,994,433; Mar. 12.
- Acids, Preparation of organic. G. B. Carpenter. 2,021,127; Nov. 19.
- Acids, Preparation of organic. J. C. Woodhouse. 2,019,754; Nov. 5.
- Acids, Preparation of organic. J. C. Woodhouse. 2,025,676-7; Dec. 24.
- Acids, Preparing amino alkylsulphonic. O. Nicodemus, W. Schmidt, A. Ossenbeck, and E. Tietze. 1,999,614; Apr. 30.
- Acids, Preparing dihydroxy benzenearsonic. K. Streltswolf, A. Fehle, and H. Hilmer. 2,000,361; May 7.
- Acids, Preparing substituted malonic. P. Halbig, and F. Kaufer. 2,006,314; June 25.
- Acids, Process and apparatus for concentrating and esterifying aliphatic. E. Ricard, H. M. Guinot, and A. M. Parant. 2,015,870; Oct. 1.
- Acids, Production of aliphatic carboxylic. A. T. Larson. 1,993,555; Mar. 5.
- Acids, Production of aminoalkyl sulphonic. H. Ulrich, P. Koerding, and O. Wahl. 1,999,432; Apr. 30.
- Acids, Production of carboxylic. G. B. Carpenter. 2,008,348; July 16.
- Acids, Production of carboxylic. G. B. Carpenter. 2,013,338; Sept. 3.
- Acids, Purification of tar. C. E. Hartwig. 1,991,979; Feb. 19.
- Acids, Purifying high-boiling mineral. J. F. M. Caudri. 2,015,254; Sept. 24.
- Acids, Recovery of naphthenic. J. A. Wunsch. 2,003,640; June 4.
- Acids, Synthesis of organic aliphatic. A. T. Larson. 2,022,244; Nov. 26.
- Acids, Treating hydrocarbon oil containing naphthenic. G. Kaufman and C. E. Lauer. 1,986,775; Jan. 1.
- Acids, 2-alkylaminobenzene-1-carboxylic acid-4-sulphonic. A. Ossenbeck and E. Tietze. 1,987,266; Jan. 8.
- Acids, Utilization of waste pickling. A. W. Harris. 1,994,702; Mar. 19.
- Acids, with separation of the esters in highly concentrated form, Esterification of organic. G. Török. 2,001,926; May 21.
- Acidulating unit. M. D. Broadfield. 2,010,579; Aug. 6.
- Acoustic and cinematographic apparatus. A. A. Thomas. 2,022,902; Dec. 3.
- Acoustic apparatus. L. J. Anderson. 2,007,749; July 9.
- Acoustic apparatus. R. W. Carlisle. 2,007,750; July 9.
- Acoustic apparatus. I. C. Clement. 2,003,284; June 4.
- Acoustic apparatus. H. Neumann. 1,987,412; Jan. 8.
- Acoustic apparatus. A. Ringel. 2,007,747; July 9.
- Acoustic coating material. A. M. Zottoli. 1,991,877; Feb. 19.
- Acoustic corrective material. J. R. Parsons. 1,999,371; Apr. 30.
- Acoustic device. G. E. Atkins. 1,993,768; Mar. 12.
- Acoustic device. R. Blair. 2,025,087; Dec. 24.
- Acoustic device. D. G. Blatner. 1,996,743; Apr. 9.
- Acoustic device. P. Crosley, Jr., and H. Gest. 2,002,390; May 21.
- Acoustic device. R. J. Emmert. 2,010,537; Aug. 6.
- Acoustic device. J. R. Erickson. 2,000,165; May 7.
- Acoustic device. J. Q. Gaubert and J. D. Seabert. 1,991,738; Feb. 19.
- Acoustic device. B. B. Grace and J. S. P. Robertson. 2,025,385; Dec. 24.
- Acoustic device. H. C. Harrison. 2,006,453; July 2.
- Acoustic device. H. F. Olson. 2,007,748; July 9.
- Acoustic device. H. C. Pye. 2,007,460; July 9.
- Acoustic device. A. S. Ringel. 2,007,746; July 9.
- Acoustic device. H. J. Round. 2,002,190; May 21.
- Acoustic device. H. J. Round and N. M. Rust. 2,002,189; May 21.
- Acoustic device. L. T. Smith and A. L. Thuras. 2,003,908; June 4.
- Acoustic device. A. E. Swickard. 2,022,060; Nov. 26.
- Acoustic device. A. L. Thuras. 2,001,081; May 14.
- Acoustic device. E. C. Wente. 1,992,268; Feb. 26.
- Acoustic diaphragm. S. L. Heidrich. 1,997,790; Apr. 16.
- Acoustic disseminator. A. McL. Nicolson. 2,013,695; Sept. 10.
- Acoustic echo distance measuring system. W. Kuntze. 2,019,497; Nov. 5.
- Acoustic-electric-energy converter. E. L. Bowles. 1,999,862; Apr. 30.
- Acoustic-electric-energy converter and method. E. L. Bowles. 2,014,193; Sept. 10.
- Acoustic lining or wall covering for rooms. J. Oed. 2,020,430; Nov. 12.
- Acoustic resistances, Apparatus for making. H. C. Harrison. 1,991,206; Feb. 12.
- Acoustic signaling apparatus. J. G. M. Brodén. 2,019,596; Nov. 5.
- Acoustic switch. E. Praetorius and N. E. Joaquin. 2,015,962; Oct. 1.
- Acoustical ceiling construction. J. S. Offutt and C. S. Strom. 2,009,512; July 30.
- Acoustical diaphragm. A. E. N. Lawrance. 1,990,409; Feb. 5.
- Acoustical diaphragm and mounting means. W. C. Stenger. 2,020,705; Nov. 12.
- Acoustical material. H. T. Coss. 1,994,096; Mar. 12.
- Acoustical material. C. E. Olschner. 2,014,694; Sept. 17.
- Acoustical roof deck. W. M. McNeil, I. G. Ross, and F. A. Manske. 1,998,422; Apr. 16.
- Acridine compounds, Production of. F. H. Kranz. 1,986,111; Jan. 1.
- Activation process for electron emitters. C. H. Prescott, Jr. 2,019,504; Nov. 5.
- Active ray treating device. H. M. Creighton. 2,000,377; May 7.
- Active ray treating device. H. M. Creighton and E. C. Berndt. 1,998,076; Apr. 16.
- Active ray treating device. H. M. Creighton and E. C. Berndt. 2,024,207; Dec. 17.
- Actuating means for friction disks. A. D. Robbins. 2,015,729; Oct. 1.
- Actuating mechanism. F. E. Bertrand. 2,005,019; June 18.
- Actuating mechanism for cell doors and locks. L. J. White and R. L. Hill. 2,012,556; Aug. 27.
- Actuating mechanism for planers, Hydraulic. D. H. West and K. C. Monroe. 2,005,018; June 18.
- Actuator. J. W. White. 2,018,754; Oct. 29.
- Actuator, Electrical. R. L. Lee. 1,989,620; Jan. 29.
- Actuator for fire protection systems. H. E. Heigls. 2,001,680; May 14.

- Acylamino-anthraquinones and their preparation. E. E. Beard. 2,001,702; May 21.
- Acyl-choline esters and their salts, Preparing certain. J. K. Cline. 2,012,268; Aug. 27.
- Acyl derivatives of salicylic acid and making same, Difficultly dissociable. H. Kaufman. 2,009,183; July 23.
- Acylolins, Preparation of. V. L. Hansley. 1,996,471; Apr. 2.
- Adapter. D. D. Deeter. 2,007,521; July 9.
- Adapter. H. F. Jermain. 1,986,269; Jan. 1.
- Adapter for twin flexible machine guns. C. G. Trimbach. 2,014,791; Sept. 17.
- Adding machine. R. C. Coxhead and C. W. Norton. 1,986,137; Jan. 1.
- Adding machine. L. A. Culver and J. T. Barrow. 1,999,626; Apr. 30.
- Address plate. W. B. Detwiler. 1,989,635; Jan. 29.
- Address printing and calculating machine. J. Krell. 1,988,904; Jan. 22.
- Address-printing machine. J. Krell. 2,007,720; July 9.
- Addressing machine. R. M. Dugdale. 2,006,856; July 2.
- Addressing machine. H. P. Elliott. 1,996,954; Apr. 9.
- Adenotome. C. R. Storz. 1,996,261; Apr. 2.
- Adhesion, Effecting. A. Menger. 2,015,806; Oct. 1.
- Adhesion of flat surfaces, Apparatus for demonstrating the. C. E. Johansson. 1,991,854; Feb. 19.
- Adhesive. M. T. Harvey. 2,004,370; June 11.
- Adhesive. J. Y. Malone. 1,990,996; Feb. 12.
- Adhesive. G. H. Osgood and R. G. Peterson. 1,989,424; Jan. 29.
- Adhesive. F. H. Shoals. 2,025,180; Dec. 24.
- Adhesive. W. C. Ware. 1,989,833; Feb. 5.
- Adhesive and making same. A. H. Bowen. 2,014,167; Sept. 10.
- Adhesive-applying mechanism. R. E. Ackley. 1,986,039; Jan. 1.
- Adhesive band for closing paper wrappers of packages. J. Beauvisage. 2,006,786; July 2.
- Adhesive, Chill-hardening. K. M. Richardson and D. J. Harding. 2,013,928; Sept. 10.
- Adhesive composition. R. D. Bonney and A. G. de Boer. 1,991,007; Feb. 12.
- Adhesive dispensing receptacle. E. J. Ray. 2,017,990; Oct. 22.
- Adhesive for magnetic core formed of magnetic layers. H. Vogt. 2,011,698; Aug. 20.
- Adhesive material. P. L. O'Donnell. 2,004,75; May 7.
- Adhesive strips, Device for storing and affixing. W. Voigt. 2,016,527; Oct. 8.
- Adhesive tape and gauze dressing package. B. H. Hanover. 2,005,676; June 18.
- Adhesive tape for sealing of packages, Device for delivering. L. A. Watters. 2,024,556; Dec. 17.
- Adhesive tape, Pressure sensitive. F. W. Humphner. 2,019,010; Oct. 29.
- Adhesive to the bottoms of lasted shoes, Apparatus for applying. W. L. MacKenzie. 2,014,391; Sept. 17.
- Adhesives, Apparatus for applying. J. E. Warrell. 2,024,405; Dec. 17.
- Adjustable arch frame, Complete detached. A. H. Christensen. 2,011,796; Aug. 20.
- Adjustable bracket. S. J. Perry. 2,024,384; Dec. 17.
- Adjustable bracket. G. H. Stout. 1,995,656; Mar. 26.
- Adjustable chain. M. H. Grassl. 2,009,918; July 30.
- Adjustable chair. L. Blumenthal. 2,015,335; Sept. 24.
- Adjustable connector. R. K. Stout. 2,011,597; Aug. 30.
- Adjustable container. E. A. Spachmann and F. N. Leopold. 1,991,427; Feb. 19.
- Adjustable cravat holder. B. B. Manaster. 2,001,261; May 14.
- Adjustable gauge. O. M. Miller. 2,000,783; May 7.
- Adjustable hanging rack. M. Greims. 1,995,246; Mar. 19.
- Adjustable holding device. A. Millinger. 1,991,565; Feb. 19.
- Adjustable insulated joint. R. B. Funk. 1,995,245; Mar. 19.
- Adjustable lid support. C. Hammersley. 1,997,517; Apr. 9.
- Adjustable machine support. L. E. Wilkerson and E. M. Maynard. 1,987,726; Jan. 15.
- Adjustable means and operating assembly for road working machines. H. C. Buffington. 2,022,757; Dec. 3.
- Adjustable orifice valve. L. F. Defenbaugh. 2,014,314; Sept. 10.
- Adjustable perforating die. G. F. Wales. 2,013,976; Sept. 10.
- Adjustable piston ring. R. I. Bodenlos. 2,026,017; Dec. 31.
- Adjustable plant stand. F. Witthuhn. 2,003,986; June 4.
- Adjustable price indicator. C. Greattinger and R. T. Cox. 2,021,236; Nov. 19.
- Adjustable sausage gauge. T. H. Mattheiss. 2,017,765; Oct. 15.
- Adjustable sliding seat. J. Heath. 2,010,633; Aug. 6.
- Adjustable sterilizing case. I. D. Durham. 2,012,380; Aug. 27.
- Adjustable stroke press. W. Klocke. 1,998,242; Apr. 16.
- Adjustable stroke press. W. Klocke. 2,013,468; Sept. 3.
- Adjustable support. A. A. Budnick. 2,020,874; Nov. 12.
- Adjustable support. O. G. Henderson. 2,014,176; Sept. 10.
- Adjustable table. P. J. Bittermann. 2,016,850; Oct. 8.
- Adjustable table. E. F. Lundeen. 2,002,349; May 21.
- Adjustable washer. O. A. Zinke and J. Y. Grade. 1,992,730; Feb. 26.
- Adjustable window seat. N. Paulus. 2,001,796; May 21.
- Adjustable work carrying table. H. Q. Munn. 2,003,263; May 28.
- Adjustable wrench. M. J. Leaveck. 2,001,789; May 21.
- Adjustable wrench. J. Pehrsson. 2,013,065; Sept. 3.
- Adjustable wrench. H. P. Rapinet. 2,026,001; Dec. 31.
- Adjustable wrench. R. L. Woolley. 2,018,047; Oct. 22.
- Adjuster, Mechanical. E. C. Deal. 1,999,016; Apr. 23.
- Adjuster, Walking beam. R. W. Bier. 2,007,493; July 9.
- Adjusting and stopping the printing in automatic pattern printing presses, Apparatus for. A. Buttner. 2,018,602; Oct. 22.
- Adjusting and tightening device for tire chains. J. R. Reyburn. 2,012,404; Aug. 27.
- Adjusting device. J. Wolkoff. 1,995,789; Mar. 26.
- Adjusting device for looms and controlling the beating-up operation. I. Lewin and C. W. Geier. 2,002,953; May 28.
- Adjusting means for ordnance sights and other instruments. B. P. Joyce. 2,006,896; July 2.
- Adjusting mechanism. H. W. Nieman. 2,019,792; Nov. 5.
- Adjusting mechanism. J. P. Ruth and G. H. Woelbing. 1,993,808; Mar. 12.
- Admission and cut-off valve, Rotatable. C. E. Fowler. 2,019,667; Nov. 5.
- Admission apparatus for internal combustion engines of the liquid fuel injection type. R. W. Vigers. 2,016,062; Oct. 1.
- Adsorbent. H. J. Wollner and G. E. Taylor. 2,010,655; Aug. 6.
- Adsorbent materials, Revivifying. H. H. Gross. 1,997,174; Apr. 9.
- Adsorbents, Manufacture of. R. B. Derr. 2,015,593; Sept. 24.
- Adsorbents, Revivifying. C. L. Jones. 1,993,345; Mar. 5.
- Adsorption, Apparatus for. W. S. Magill. 1,989,206; Jan. 29.
- Advertisement pictures and others, Apparatus for presenting. H. Heaulme. 2,004,111; June 11.
- Advertisements on aeroplanes, Arrangement for producing illuminated. O. Reder. 1,999,479; Apr. 30.
- Advertising and display device, Combined. R. J. Carboni. 2,003,244; May 28.
- Advertising apparatus. G. W. Eschenbach. 1,993,339; Mar. 5.
- Advertising apparatus. F. Hayn. 2,009,772; July 30.
- Advertising device. E. J. Hendrickson and A. C. Winters. 1,987,478; Jan. 8.
- Advertising device. C. Horner. 1,990,785; Feb. 12.
- Advertising device. P. R. King. 1,991,158; Feb. 12.
- Advertising device. H. D. Lambourne. 2,001,880; May 21.
- Advertising device. F. Morgan. 1,993,678; Mar. 5.
- Advertising device. A. Novak. 2,021,083; Nov. 12.
- Advertising device. R. F. Outcault. 2,002,675; May 28.
- Advertising device. E. H. Philippi. 2,016,022; Oct. 1.
- Advertising device. E. H. Philippi. 2,025,178; Dec. 24.
- Advertising device. J. J. Proskauer. 1,994,961; Mar. 19.
- Advertising device. J. F. Scanlon. 2,001,979; May 21.
- Advertising device. W. Skilling. 2,024,361; Dec. 24.
- Advertising device or novelty. H. H. Cameron. 1,999,085; Apr. 23.
- Advertising device, Pincushion. H. F. Carlston. 2,002,766; May 28.
- Advertising display. E. R. Gentry and J. R. Moss. 1,993,545; Mar. 5.
- Advertising display. D. C. Hodgkin. 1,990,825; Feb. 12.
- Advertising display. H. F. Morris. 1,988,045; Jan. 15.
- Advertising display. R. W. Young. 1,993,908; Mar. 12.
- Advertising display device. E. W. Gross. 1,996,616; Apr. 2.
- Advertising display device. E. H. Land. 2,018,214; Oct. 22.
- Advertising display device, Automatic. C. L. Murray. 1,997,533; Apr. 9.
- Advertising display fountain. S. G. House. 1,993,841; Mar. 12.
- Advertising display stand. E. Witcoff. 2,016,473; Oct. 8.
- Advertising display unit. J. S. Wilkinson. 1,990,151; Feb. 5.
- Advertising layout board. O. F. Ryan. 2,015,368; Sept. 24.
- Advertising mechanism. A. J. Chesson. 1,997,964; Apr. 16.
- Advertising medium or toy. R. M. Stalker. 1,997,022; Apr. 9.
- Advertising projecting machine. C. W. Robbins. 1,987,710; Jan. 15.
- Advertising sign. I. Holsman. 2,021,362; Nov. 19.
- Advertising sign. L. S. Miller. 2,022,684; Dec. 3.
- Advertising sign. R. Orth. 2,017,443; Oct. 15.
- Advertising sign, Revolving. T. R. Buseman. 2,016,852; Oct. 8.
- Aging and boring machine. G. B. Shipley. 2,000,458; May 7.
- Aerating device. H. L. Staley. 2,008,369; July 16.
- Aerating means for contact masses. E. J. Houdry. 1,987,903; Jan. 15.
- Aeration of slurries. A. H. Harrison. 1,992,208; Feb. 26.
- Aerator for furnaces. F. D. Hoffman. 2,022,913; Dec. 3.
- Aerial. H. J. Round. 2,005,805; June 25.
- Aerial, Direction finder loop. A. Leib. 2,014,852; Sept. 17.
- Aerial, Directional. W. van B. Roberts. 1,999,258; Apr. 30.
- Aerial, Directional. F. Woods. 1,994,237; Mar. 12.

- Aerial for wireless reception, Frame. O. D. Kennedy and R. H. Mead. 2,009,087; July 23.
- Aerial of low directional effect and horizontal polarization. M. Gouriard. 2,017,121; Oct. 15.
- Aerial system. N. Wells. 2,018,337; Oct. 22.
- Aerial system, Directive. A. Gothe. 2,005,779; June 25.
- Aerial, Wireless. A. F. Kent. 2,016,011; Oct. 1.
- Aerodynamic stabilizer for airplanes, Automatic. O. E. Bemberg. 2,007,106; July 2.
- Aerofoil. S. Trey, W. Howard and A. Chessin. 2,004,256; June 11.
- Aerofoil and making same. E. J. W. Ragsdale. 2,019,272; Oct. 29.
- Aeronautical device. H. I. Becker. 2,009,832; July 30.
- Aeronautical machine. J. A. Domenjoz. 2,000,068; May 7.
- Aeroplane. H. A. Douglas. 2,005,078; June 18.
- Aeroplane. N. Franzen. 2,018,889; Oct. 29.
- Aeroplane. J. Hojnowski. 2,002,740; May 28.
- Aeroplane. F. Loske. 2,012,104; Aug. 20.
- Aeroplane. L. Marmonier. 2,023,334; Dec. 3.
- Aeroplane. R. G. Nightingale. 2,011,254; Aug. 13.
- Aeroplane. G. A. Shamberger. 2,001,400; May 14.
- Aeroplane. E. Tupta. 2,015,444; Sept. 24.
- Aeroplane. L. Wurth. 2,007,319; July 9.
- Aeroplane, Amphibian. R. R. Rand, Jr. 2,003,975; June 4.
- Aeroplane and helicopter. A. V. Santarsiero. 1,988,919; Jan. 22.
- Aeroplane attachment. J. Grobling. 2,025,739; Dec. 31.
- Aeroplane attachment for extinguishing fires. A. Arcierl. 1,997,669; Apr. 16.
- Aeroplane construction. M. and D. Aslanian. 2,018,109; Oct. 22.
- Aeroplane construction. J. H. Wendt. 2,023,213; Dec. 3.
- Aeroplane motor-propeller structure. F. E. Loescher. 2,011,061; Aug. 13.
- Aeroplane sign. B. Knapp. 2,001,200; May 14.
- Aeroplane steering mechanism. H. A. Douglas. 2,002,528; May 28.
- Aeroplane wing. H. A. Douglas. 1,990,473; Feb. 12.
- Aeroplane wing. W. D. Maring. 2,010,549; Aug. 6.
- Aeroplane wing structure. F. S. Welman and A. Levell. 1,992,560; Feb. 26.
- Aeroplane wings, Construction and arrangement of. J. Martin. 2,001,260; May 14.
- Aeroplane wings, Construction of the trailing edges of. H. N. Atwood. 2,020,759; Nov. 12.
- Agent containing active substances, and preparing same. G. C. Connolly and J. A. Pierce. 1,986,557; Jan. 1.
- Agent for destroying rust on cultivated plants and preparing these agents. A. Steindorff, R. Krämer, W. Staudermann, and M. Erlenbach. 1,997,918; Apr. 16.
- Agent for sizing textile fibers. K. Jochum, A. Voss, H. Geier, and E. Dickhauser. 1,998,544; Apr. 23.
- Agglomerates, Coking of. E. H. Bunce. 2,015,336; Sept. 24.
- Aggregate and the product thereof, Producing light weight. C. K. Harding. 2,015,381; Sept. 24.
- Aggregate spreader. F. B. Hurt. 2,005,896; June 25.
- Aggregate with binding material, Apparatus for coating. G. W. Warmoth. 2,016,159; Oct. 1.
- Aggregates and making the same, Light weight. C. W. Bowyer. 2,017,889; Oct. 22.
- Agitating apparatus. H. D. Bonnell. 2,017,116; Oct. 15.
- Agitating device. W. J. O'Leary. 1,997,549; Apr. 9.
- Agitating device. M. H. Sinks. 2,024,482; Dec. 17.
- Agitating machine. C. B. Beach. 2,023,460; Dec. 10.
- Agitator. T. M. O'Keeffe. 1,989,019; Jan. 22.
- Agitator, Coal stoker. V. C. Norquist. 2,005,681; June 18.
- Agitator drive. R. L. Cawood. 2,009,162; July 23.
- Agitator for comminuted-material dispensers. L. B. Green. 1,991,742; Feb. 19.
- Agitator for drink mixers. H. D. Flegel. 2,021,626; Nov. 19.
- Agitator for milk products. L. L. Arbuckle. 1,997,035; Apr. 9.
- Agitator, Freezing tray. R. L. Coleman and R. L. Sandberg. 1,988,642; Jan. 22.
- Agitator, Telescopic rotor. F. L. Craddock. 2,024,340; Dec. 17.
- Agricultural digging machine. R. W. Smith. 1,988,756; Jan. 22.
- Agricultural implement. G. W. Bornman. 1,992,116; Feb. 19.
- Agricultural implement. C. L. Cook. 1,991,543; Feb. 19.
- Agricultural implement. F. I. Degen. 2,014,017; Sept. 10.
- Agricultural implement. E. T. Johnson. 2,003,365; June 4.
- Agricultural implement. J. J. Long. 2,025,520; Dec. 24.
- Agricultural implement. F. H. Muntzel. 2,005,044; June 18.
- Agricultural implement. W. H. Silver. 2,012,457; Aug. 27.
- Alleron and flap combination. F. R. Weymouth. 1,988,148; Jan. 15.
- Alleron and wing flap, Combination. W. T. Rouse. 1,999,528; Apr. 30.
- Alleron control. V. E. Clark. 2,018,546; Oct. 22.
- Air and other gases and apparatus therefor, System of conditioning. W. T. Ray. 1,990,094; Feb. 5.
- Air and other separators. G. H. Fraser. 1,992,942; Mar. 5.
- Air and similar gaseous mixtures by liquefaction and rectification, Separating. E. Gomonet. 2,009,084; July 23.
- Air, Apparatus for conditioning. G. R. Anthony and T. F. Hickey. 1,993,539; Mar. 5.
- Air, Apparatus for conditioning. W. H. Herdlein. 2,000,841; May 7.
- Air, Apparatus for conditioning. H. E. Smith and A. W. Smith. 2,002,802; May 28.
- Air, Apparatus for cooling. R. V. Miller. 2,007,406; July 9.
- Air, Apparatus for cooling. K. F. Nystrom. 2,007,690; July 9.
- Air, Apparatus for cooling and propelling. F. Kratky and F. A. Grohmann. 1,996,870; Apr. 9.
- Air, Arrangement for cooling. J. E. Rasmussen. 2,018,804; Oct. 29.
- Air arrangement for Diesel locomotives, Auxiliary. J. Dickson. 2,005,536; June 18.
- Air bag. H. K. Wheelock. 2,026,111; Dec. 31.
- Air box for furnaces. T. B. Stillman. 1,991,711; Feb. 19.
- Air brake. C. A. Campbell. 1,986,916; Jan. 8.
- Air brake. C. A. Campbell. 2,010,914; Aug. 13.
- Air brake. C. A. Campbell. 2,011,751; Aug. 20.
- Air brake. C. A. Campbell. 2,012,375; Aug. 27.
- Air brake. C. A. Campbell. 2,013,031; Sept. 3.
- Air brake. C. A. Campbell. 2,013,743; Sept. 10.
- Air brake. C. A. Campbell. 2,015,214; Sept. 24.
- Air brake. C. A. Campbell. 2,015,785; Oct. 1.
- Air brake. C. A. Campbell. 2,023,757; Dec. 10.
- Air brake. C. A. Campbell. 2,024,335; Dec. 17.
- Air brake. C. A. Campbell. 2,025,847; Dec. 31.
- Air brake. W. E. Vergan. 2,013,014; Sept. 3.
- Air chuck. J. C. Crowley. 2,003,039; May 28.
- Air circulating apparatus. F. J. Day. 2,006,069; June 25.
- Air circulation control in hot air furnaces, System for. D. J. Jones. 1,989,278; Jan. 29.
- Air cleaner. H. B. Anglemeyer. 2,015,174; Sept. 24.
- Air cleaner. A. L. R. Bernard. 2,011,888; Aug. 20.
- Air cleaner. R. R. Halstead. 2,018,493; Oct. 22.
- Air cleaner. R. R. Layte. 2,018,074; Oct. 22.
- Air cleaner. W. W. Lowther. 1,991,758-9; Feb. 19.
- Air cleaner. W. W. Lowther. 2,000,706; May 7.
- Air cleaner. W. W. Lowther. 2,006,927; July 2.
- Air cleaner. H. B. Snell. 2,024,665; Dec. 17.
- Air cleaner. C. A. Winslow. 2,002,165; May 21.
- Air cleaner. M. W. Zander. 2,004,150; June 11.
- Air cleaner. M. W. Zander. 2,018,755; Oct. 29.
- Air cleaner and humidifier. C. A. Kutcher. 2,012,571; Aug. 27.
- Air cleaner and silencer. G. C. Rensink. 1,994,006; Mar. 12.
- Air cleaner and the like. C. A. Winslow. 2,021,215; Nov. 19.
- Air cleaner and washer. G. L. Heglar. 1,994,766; Mar. 19.
- Air cleaner for gas engine intakes. H. F. Weiss. 2,019,241; Oct. 29.
- Air cleaner for internal combustion engines. C. W. Hagar. 2,012,962; Sept. 3.
- Air cleaner for spray booths. F. P. Bingman. 2,021,281; Nov. 19.
- Air cleaner, Multistage type. H. G. Kamrath. 2,018,131; Oct. 22.
- Air cleaner screen. W. H. Schultz. 2,011,303; Aug. 13.
- Air cleansing device, Automotive. H. B. Anglemeyer. 1,996,604; Apr. 2.
- Air compressing apparatus. N. E. Dell. 2,013,236; Sept. 3.
- Air compressor. C. L. Armstrong. 1,992,139; Feb. 19.
- Air compressor. H. L. Brooking. 1,999,498; Apr. 30.
- Air compressor. L. J. Clapp. 2,026,300-1; Dec. 31.
- Air compressor. W. U. Griffiths. 2,012,605; Aug. 27.
- Air compressor. M. F. Hill. 2,011,338; Aug. 13.
- Air compressor. C. W. H. Johnston. 2,020,361; Nov. 12.
- Air compressor. R. J. Reaney. 1,998,025; Apr. 16.
- Air compressor. G. J. Spohrer. 1,998,338; Apr. 16.
- Air compressor. J. Y. Taylor. 1,993,230; Mar. 5.
- Air conditioner. W. Bandurski. 2,001,832; May 21.
- Air conditioner. D. L. Braine. 2,010,808-9; Aug. 13.
- Air conditioner. C. W. Burnap and J. Weiss. 1,993,871; Mar. 12.
- Air conditioner. L. W. Child. 2,025,802; Dec. 31.
- Air conditioner. C. P. Kelly. 2,001,309; May 14.
- Air conditioner. G. W. Langford. 2,019,575; Nov. 5.
- Air conditioner. C. Redfield. 2,019,583; Nov. 5.
- Air conditioner. R. A. Wittmann and R. G. Guthrie. 1,992,340; Feb. 26.
- Air conditioner, Counter flow. L. U. Larkin. 2,008,255; July 16.
- Air conditioner for automobiles. G. D. Harris. 2,009,550; July 30.
- Air conditioner for vehicles. S. M. Anderson. 2,017,579; Oct. 15.
- Air conditioning. Unit. H. D. Betz. 1,997,274; Apr. 9.
- Air conditioning. R. H. Andereg. 2,014,959; Sept. 17.
- Air conditioning. T. Chester. 1,988,264; Jan. 15.
- Air conditioning. D. K. Dean. 2,025,937; Dec. 31.
- Air conditioning. H. O. Forrest. 2,017,027; Oct. 8.
- Air conditioning. W. E. Rapp. 1,990,753; Feb. 12.
- Air conditioning. R. C. Roe. 1,989,337; Jan. 29.
- Air conditioning. H. Trotter, Jr., and J. W. Beams. 2,016,825; Oct. 8.
- Air conditioning and ventilating means for brooders. W. E. Lyon. 1,997,181; Apr. 9.

- Air conditioning apparatus. S. M. Anderson. 1,985,910; Jan. 1.
- Air conditioning apparatus. S. M. Anderson. 1,992,051; Feb. 19.
- Air conditioning apparatus. S. M. Anderson. 1,999,148; Apr. 23.
- Air conditioning apparatus. C. A. Bulkeley. 2,006,344; July 2.
- Air conditioning apparatus. R. J. Byrd. 2,001,833; May 21.
- Air conditioning apparatus. V. Cano. 1,995,667; Mar. 26.
- Air conditioning apparatus. C. B. Cook. 2,001,410; May 14.
- Air conditioning apparatus. A. A. Criqui and R. T. Thornton. 1,989,228; Jan. 29.
- Air conditioning apparatus. W. S. Elliott. 2,017,713; Oct. 15.
- Air conditioning apparatus. C. P. Erschen and R. C. Jepertinger. 2,022,463; Nov. 26.
- Air conditioning apparatus. M. Kalischer. 2,013,756; Sept. 10.
- Air conditioning apparatus. H. F. Lathrop. 2,019,351; Oct. 29.
- Air conditioning apparatus. G. B. Marzolf. 2,002,019; May 21.
- Air conditioning apparatus. H. C. Ridler, G. G. Zingsheim and E. J. Loring. 2,012,547; Aug. 27.
- Air conditioning apparatus. E. W. Roessler. 2,022,523; Nov. 26.
- Air conditioning apparatus. L. C. Smith. 2,023,492; Dec. 10.
- Air conditioning apparatus. J. H. Textorius and J. F. Broderick. 2,023,622; Dec. 10.
- Air conditioning apparatus. F. P. Walsh. 2,021,437; Nov. 19.
- Air conditioning apparatus. F. White. 1,994,329; Mar. 12.
- Air conditioning apparatus. B. V. Zamore and H. E. Sperling. 1,999,495; Apr. 30.
- Air conditioning apparatus and control therefor. A. H. Simonds. 2,009,529; July 30.
- Air conditioning apparatus and method for passenger cars. J. H. Davis. 1,999,719-20; Apr. 30.
- Air conditioning apparatus utilizing ice. S. M. Anderson. 2,020,093; Nov. 5.
- Air conditioning device. E. S. George. 1,993,159; Mar. 5.
- Air conditioning device. J. Kohut. 1,994,523; Mar. 19.
- Air conditioning device. F. M. Opitz. 2,025,216; Dec. 24.
- Air conditioning device. I. W. Rowell. 2,022,740; Dec. 3.
- Air conditioning device. A. Thousand. 2,002,023; May 21.
- Air conditioning for cars. F. O. Marshall. 2,015,489; Sept. 24.
- Air conditioning for moving vehicles. R. C. Roe. 2,023,444; Dec. 10.
- Air conditioning or frosted display device. J. J. Shively. 2,014,147; Sept. 10.
- Air conditioning railroad cars, System for. H. R. Arf. 2,005,769; June 25.
- Air conditioning system. K. P. Brace and N. L. Rowe. 3d. 2,019,291; Oct. 29.
- Air conditioning system. H. Haussen and L. Meyer. 1,994,515; Mar. 19.
- Air conditioning system. W. H. Herdlein. 1,990,324; Feb. 5.
- Air conditioning system. H. Matthews and R. J. Seator. 1,998,284; Apr. 16.
- Air conditioning system. C. T. Morse and E. L. Hogan. 2,022,133; Nov. 26.
- Air conditioning system. L. A. Philipp. 2,019,091; Oct. 29.
- Air conditioning system. C. L. Ringquist. 2,021,090; Nov. 12.
- Air conditioning system. J. A. Space. 2,018,236; Oct. 22.
- Air conditioning system and method. E. L. Garfield. 1,987,188; Jan. 8.
- Air conditioning system employing steam for heating and cooling. C. M. Ashley. 2,010,001; Aug. 6.
- Air conditioning system with dehumidifier and reheater. R. H. Folsom. 2,018,780; Oct. 29.
- Air conditioning systems, Method and apparatus for automatically controlling the operation of. A. E. Beals. 1,986,316; Jan. 1.
- Air conditioning unit. R. N. Trane. 2,004,255; June 11.
- Air control, Automatic. W. H. Drew. 2,012,037; Aug. 20.
- Air control for combustion engines, Automatic. E. Ramstack. 2,021,379; Nov. 19.
- Air control for floor furnaces. R. G. Logue. 1,997,734; Apr. 16.
- Air control mechanism for shoe presses. J. F. Smith. 2,015,764; Oct. 1.
- Air control receiver. J. D. S. Drinkwater and J. H. D. Petersen. 2,019,662; Nov. 5.
- Air cooling. J. Yoch. 1,986,873; Jan. 8.
- Air cooling and circulating device. W. L. Morrison. 2,002,235; May 21.
- Air cooling and circulating device and process. W. L. Morrison. 2,002,234; May 21.
- Air, Cooling and conditioning. A. W. Clarke and W. F. Dietrichson. 2,008,221; May 7.
- Air cooling and conditioning means. G. M. and A. P. Marr. 1,993,013; Mar. 5.
- Air cooling and conditioning unit. F. J. Heideman. 2,013,848; Sept. 10.
- Air cooling and washing device. Y. Hayakawa. 2,009,921; July 30.
- Air cooling apparatus. J. Dubrovnik. 2,023,876; Dec. 10.
- Air cooling apparatus. F. L. Shelor. 1,991,581; Feb. 19.
- Air cooling attachment for electric fans. R. J. Byrd. 1,989,787; Feb. 5.
- Air cooling, dehydrating and washing apparatus, Portable. E. W. Favalaro. 2,006,858; July 2.
- Air cooling device. E. A. von Seggern. 2,020,923; Nov. 12.
- Air cooling for internal combustion motors. H. E. Blomgren. 2,023,395; Dec. 10.
- Air-cooling of glass bulb rectifiers. F. Geyer. 2,005,031; June 18.
- Air cooling system for motors. J. G. Dintilhac. 2,004,040; June 4.
- Aircraft. A. A. Anderson. 2,010,743; Aug. 6.
- Aircraft. H. T. Avery. 1,993,701; Mar. 5.
- Aircraft. J. de la Cierva. 1,990,269; Feb. 5.
- Aircraft. A. T. Gilpin. 2,021,627; Nov. 19.
- Aircraft. D. Gregg. 2,002,057; May 21.
- Aircraft. J. Juergens. 2,018,448; Oct. 22.
- Aircraft. H. F. Krug. 2,004,411; June 11.
- Aircraft. P. M. Lewis and F. Landgraf. 2,018,730; Oct. 29.
- Aircraft. W. L. Lewis. 2,003,206; May 28.
- Aircraft. J. S. Maxwell. 2,015,150; Sept. 24.
- Aircraft. W. E. Methvin. 2,019,018; Oct. 29.
- Aircraft. S. I. Molicki. 2,018,734; Oct. 29.
- Aircraft. S. I. Molicki. 2,020,616; Nov. 12.
- Aircraft. B. A. Morton. 1,987,788; Jan. 15.
- Aircraft. S. Odabashian. 1,995,717; Mar. 26.
- Aircraft. R. R. Osborn and T. P. Wright. 2,000,666; May 7.
- Aircraft. H. H. Platt. 2,004,961; June 18.
- Aircraft. H. Schulman. 2,007,878; July 9.
- Aircraft. B. B. Smith. 2,008,843; July 23.
- Aircraft. E. A. Stalker. 1,993,419; Mar. 5.
- Aircraft. E. A. Stalker. 2,008,424; July 16.
- Aircraft. E. M. Taniguchi. 1,997,240; Apr. 9.
- Aircraft. R. H. Upson. 2,021,470; Nov. 19.
- Aircraft. G. Van Geons, Jr. 1,995,083; Mar. 19.
- Aircraft. C. L. Zakhartchenko. 2,018,001; Oct. 22.
- Aircraft and artillery observation instrument. F. A. Hug. 2,015,627; Sept. 24.
- Aircraft and three-point landing gear for same. I. Sikorsky. 2,017,446; Oct. 15.
- Aircraft appliance. C. D. Ellington. 2,020,772; Nov. 12.
- Aircraft armament. I. J. Miranda. 2,016,211; Oct. 1.
- Aircraft, Autocopter. J. W. Smith. 2,023,105; Dec. 3.
- Aircraft, Autorotative wing. J. de la Cierva. 1,996,750; Apr. 9.
- Aircraft, Autorotative-winged. J. de la Cierva. 1,999,136; Apr. 23.
- Aircraft body. J. B. Ford. 2,003,433; June 4.
- Aircraft, Composite. R. H. Mayo. 2,009,296; July 23.
- Aircraft-control, Method of and apparatus for automatic. G. Wunsch and W. Möller. 2,007,515; July 9.
- Aircraft, Controlling apparatus for. W. Möller. 1,986,761; Jan. 1.
- Aircraft deviation indicator. C. Marcus. 2,005,379; June 18.
- Aircraft deviation indicator. A. Urfer. 2,011,738; Aug. 20.
- Aircraft, Direct Lift. I. I. Sikorsky. 1,994,488; Mar. 19.
- Aircraft direction finder. W. S. Webster. 2,015,828; Oct. 1.
- Aircraft engine. O. L. Snyder. 2,020,621; Nov. 12.
- Aircraft having air-rotated wings. H. F. Pitcairn. 1,997,600; Apr. 16.
- Aircraft having rotative sustaining blades or wings. A. El. Larsen. 1,999,840; Apr. 30.
- Aircraft having rotative sustaining means. J. de la Cierva. 1,988,836; Jan. 22.
- Aircraft having sustaining rotors. H. Alfaro. 2,003,331; June 4.
- Aircraft having sustaining rotors. H. Alfaro. 2,003,620; June 4.
- Aircraft having sustaining rotors. J. S. Pecker. 1,999,737; Apr. 30.
- Aircraft having sustaining rotors. J. S. Pecker. 2,017,105; Oct. 15.
- Aircraft instrument. R. H. Upson. 2,008,885; July 23.
- Aircraft in the air, Apparatus for refueling. A. J. Cobham. 2,023,310; Dec. 3.
- Aircraft landing gear. A. P. de Seversky. 2,021,876; Nov. 19.
- Aircraft landing wheel. A. G. Maranville. 2,005,626; June 18.
- Aircraft of the rotative sustaining blade type. H. S. Campbell. 1,989,544; Jan. 29.
- Aircraft pick-up mechanism and method. G. M. Palmer. 1,999,777; Apr. 30.
- Aircraft propeller. A. P. Wiegand. 1,987,651; Jan. 15.
- Aircraft propellers, Making. S. H. Smith. 2,007,775; July 9.
- Aircraft provided with a gun. M. Birkigt. 2,014,876; Sept. 17.
- Aircraft, Rotary-winged. J. S. Pecker. 2,000,904; May 14.
- Aircraft, Rotative wing. W. V. D. Rutherford and R. Hafner. 1,992,015; Feb. 19.
- Aircraft, System for landing. W. M. Hahnemann. 1,999,047; Apr. 23.

- Aircraft. System for landing. W. M. Hahnemann. 2,006,918; July 2.
- Aircraft wheel. A. C. Hamilton. 2,012,449; Aug. 27.
- Aircraft wheel brake. F. J. Tarris. 2,017,928; Oct. 22.
- Aircraft with rotatable sustaining means. J. S. Pecker. 1,999,636; Apr. 30.
- Aircraft with rotatively mounted sustaining wings. J. de la Cierva. 1,994,465; Mar. 19.
- Air currents, inducing and distributing. C. M. Ashley. 2,012,179; Aug. 20.
- Air deflector and water circulator. A. W. Ravening. 2,001,398; May 14.
- Air dehydrating apparatus. H. B. Hartman. 1,986,814; Jan. 8.
- Air, Device for conditioning. F. A. Whiteley. 2,021,583; Nov. 19.
- Air diffuser. H. E. Oskamp. 2,021,086; Nov. 12.
- Air directing device for use in ventilating or other air supply systems. J. H. Hall, H. Kay, and A. Myers. 2,016,778; Oct. 8.
- Air distribution. H. L. Smith, Jr. 2,001,801; May 21.
- Air distribution unit. R. E. Keyes. 2,000,597; May 7.
- Air distributor for electric fans. W. A. Spear. 1,990,801; Feb. 12.
- Air-draft regulator, Automatic. J. A. Dodd. 1,990,778; Feb. 12.
- Air duct register. E. A. Jones, and C. H. Wagner. 1,986,823; Jan. 8.
- Air feed control means. E. B. Jones. 2,010,694; Aug. 6.
- Air feed for rock drills. J. C. Curtis. 1,992,416; Feb. 26.
- Air feeding device for stoves. W. C. Steele and G. W. Empson. 2,014,868; Sept. 17.
- Air filter. C. Christofferson. 2,016,033; Oct. 1.
- Air filter. R. S. Curley. 2,021,853; Nov. 19.
- Air filter. V. Dahlman. 1,995,378; Mar. 26.
- Air filter. V. Dahlman. 2,019,213; Oct. 29.
- Air filter. L. L. Dollinger. 2,013,038; Sept. 3.
- Air filter. L. L. Dollinger. 2,016,991-3; Oct. 8.
- Air filter. H. S. Kaiser. 2,019,186; Oct. 29.
- Air filter. L. L. S. Nelson. 2,019,867; Nov. 5.
- Air filter medium. A. Nutting. 2,008,580; July 16.
- Air filter system. F. L. Myers. 1,999,142; Apr. 23.
- Air filtering and cleansing device. L. A. Sondburg. 2,021,524; Nov. 19.
- Airfoil. C. H. Grant. 2,022,806; Dec. 3.
- Airfoil. C. C. Jones. 2,019,819; Nov. 5.
- Air heater. W. E. Jones. 2,024,452; Dec. 17.
- Air heater. R. C. Roe. 2,022,812; Dec. 3.
- Air heating and conditioning device. G. Herbster. 2,023,136; Dec. 3.
- Air heating and humidifying apparatus. C. W. Good, H. G. Naylor, and T. J. Regan. 1,994,130; Mar. 12.
- Air heating apparatus. B. E. Shaw and R. E. Nest. 2,015,571; Sept. 24.
- Air heating system, Warm. W. W. William. 1,994,184; Mar. 12.
- Air humidifier. K. A. Pröft. 1,993,299; Mar. 5.
- Air humidifying apparatus. S. M. F. Engdahl. 1,987,895; Jan. 15.
- Air humidifying mechanism for furnaces. E. A. Francis. 2,006,988; July 2.
- Air impeller. A. C. Gilbert and J. Lanz. 2,022,417; Nov. 26.
- Air in closed chambers, Apparatus for purifying. R. Rutledge. 1,995,191; Mar. 19.
- Air in inclosures, Method and apparatus for cooling and conditioning. W. J. Madden. 1,986,978; Jan. 8.
- Air in railway passenger cars, Method and apparatus for conditioning. W. J. Madden. 2,018,274; Oct. 22.
- Air in refrigerating mechanisms, Apparatus for hydrating. E. M. Post, Jr. 2,005,558; June 18.
- Air insulated heater. R. Sadwith. 2,015,195; Sept. 24.
- Air intake for manifolds. J. J. Trefz. 2,021,337; Nov. 19.
- Air jet apparatus. H. M. Eaton. 1,991,734-5; Feb. 19.
- Air-jet propelled conveyance. A. G. Sanden. 2,005,473; June 18.
- Air leak and valve for a sphygmomanometer, Combined. E. Bandoly. 2,006,878; July 2.
- Air lift apparatus. G. A. Hnason. 2,015,938; Oct. 1.
- Air-method cleaner. D. B. Replogle. 2,016,294; Oct. 8.
- Air-method cleaning and dusting tool. D. B. Replogle. 1,994,869; Mar. 19.
- Air-method cleaning tool. D. B. Replogle. 1,994,868; Mar. 19.
- Air mixing device for gaseous fuel. J. A. Hempstead. 2,000,464; May 7.
- Air motor. E. S. Cornell, Jr. 2,013,087; Sept. 3.
- Air motor. B. De Nagy. 2,000,930; May 14.
- Air moving apparatus. J. M. Funk. 1,993,158; Mar. 5.
- Air of an enclosure, Methods and apparatus for cooling and humidifying the. A. F. Karlson. 2,016,091; Oct. 1.
- Air or gas lift pump. G. K. Taggart. 2,008,114; July 16.
- Air pistol. A. Morche. 1,990,302; Feb. 5.
- Airplane. H. N. Atwood. 2,025,033; Dec. 24.
- Airplane. G. M. Bellanca. 2,014,366; Sept. 17.
- Airplane. D. J. Dolan. 1,996,281; Apr. 2.
- Airplane. F. P. Gaines. 2,024,853; Dec. 17.
- Airplane. R. E. Guthrie. 1,989,358; Jan. 29.
- Airplane. R. F. Hall. 1,992,157-8; Feb. 19.
- Airplane. T. P. Hall. 2,007,086; July 2.
- Airplane. A. M. Henry. 2,010,817; Aug. 13.
- Airplane. A. G. Leigh. 2,011,902; Aug. 20.
- Airplane. E. A. Marski. 1,986,066; Jan. 1.
- Airplane. H. W. Nelson. 1,994,045; Mar. 12.
- Airplane. M. Persten. 1,994,663; Mar. 19.
- Airplane. B. B. Phillips. 1,990,308; Feb. 5.
- Airplane. R. H. Prewitt. 1,989,291; Jan. 29.
- Airplane. W. K. Rose. 2,003,223; May 28.
- Airplane. S. Sera and J. Hatala. 2,002,299; May 21.
- Airplane. H. Wirth. 2,008,737; July 23.
- Airplane, All-wing. V. J. Burnelli. 1,998,487; Apr. 23.
- Airplane altitude indicating system. J. O. Bentley. 2,011,392; Aug. 13.
- Airplane and helicopter, Combination. W. H. Russell. 1,991,466; Feb. 19.
- Airplane attitude indicator. C. Schenk. 1,988,463; Jan. 22.
- Airplane brake. E. J. W. Ragsdale and R. B. Temple. 1,990,252; Feb. 5.
- Airplane construction. H. D. Fowler. 1,992,941; Mar. 5.
- Airplane construction. H. H. Holloway. 1,989,450; Jan. 29.
- Airplane control. F. W. Thomas. 2,005,061; June 18.
- Airplane controls. F. D. Granville. 2,006,391; July 2.
- Airplane. Convertible. G. M. Bellanca. 1,995,090; Mar. 19.
- Airplane discharging apparatus. J. H. Guffey. 1,993,341; Mar. 5.
- Airplane, Folding wing. R. R. Osborn. 2,021,324; Nov. 19.
- Airplane fuselage. A. K. Longren. 2,006,468; July 2.
- Airplane fuselage construction. K. M. Ronan. 2,008,836; July 23.
- Airplane indicator. H. H. Semmes and M. W. McConkey. 2,025,909; Dec. 31.
- Airplane landing guide. F. J. André and H. C. Stark. 1,998,429; Apr. 23.
- Airplane landing light. E. A. Sipp. 1,996,126; Apr. 2.
- Airplane landing wheel. A. G. Maranville. 2,005,627; June 18.
- Airplane mail pickup. E. Clampitt. 2,014,557; Sept. 17.
- Airplane mechanism, Hovering. R. W. Davis. 1,987,607; Jan. 15.
- Airplane positioning system. L. R. Philpott. 2,008,401; July 16.
- Airplane propeller. S. H. Smith. 2,007,776; July 9.
- Airplane propeller. R. L. Walsh. 1,986,867; Jan. 8.
- Airplane propeller. A. P. Wiegand. 1,987,650; Jan. 15.
- Airplane propeller, Auxiliary. J. Fernandez. 1,994,018; Mar. 12.
- Airplane stabilizer. C. J. Crane. 2,007,964; July 16.
- Airplane, Tailless. V. J. Burnelli. 1,987,050; Jan. 8.
- Airplane turn and bank indicator and artificial horizon. C. Schenk. 1,989,826; Feb. 5.
- Airplane wing. K. Henriksen. 1,988,079; Jan. 15.
- Airplane wing structure. E. J. W. Ragsdale. 1,999,372; Apr. 30.
- Air pockets of ice cans, Venting. M. J. Ulhne. 2,007,841; July 9.
- Airport boundary light. T. W. Rolph. 2,021,611; Nov. 19.
- Airport illumination. R. P. Parrott. 1,997,470; Apr. 9.
- Air preheating means for steam boilers. C. W. Bros. 2,011,750; Aug. 20.
- Air pressure in pneumatic tires, Maintaining the. A. Appelgate. 2,010,250; Aug. 6.
- Air pressure indicating device, Electric. E. J. Thompson. 1,996,178; Apr. 2.
- Air, Process and device for supplying heated humidified. R. W. De Lancey and J. H. Rothenberger. 1,995,341; Mar. 26.
- Air propeller. L. Hoffmann and M. Grabarse. 2,021,999; Nov. 26.
- Air propeller. J. D. Michaud. 2,024,241; Dec. 17.
- Air propeller with variable pitch. J. Alvaiz. 2,007,417; July 9.
- Air purification, Apparatus for. J. A. Smith. 1,986,378; Jan. 1.
- Air purifier. C. A. Duffner. 2,017,590; Oct. 15.
- Air purifier. R. John. 2,012,761; Aug. 27.
- Air recirculating and humidifying apparatus. R. U. Berry. 2,008,540; July 16.
- Air register. G. P. Haynes. 1,998,235; Apr. 16.
- Air regulating means for liquid fuel furnaces. H. C. Grant, Jr. 1,986,055; Jan. 1.
- Air regulating means for liquid fuel furnaces. H. C. Grant, Jr. 1,997,558; Apr. 9.
- Air regulating means for liquid fuel furnaces. B. H. Noland. 2,020,955; Nov. 12.
- Air regulator for furnaces. G. A. Kohout. 1,989,809; Feb. 5.
- Air ring for bedridden patients. M. E. Wilson. 1,986,697; Jan. 1.
- Air-rotor for aircraft. A. E. Larsen. 1,990,291; Feb. 5.
- Air separation of diatomaceous earth milling, Method and apparatus for. M. Stockton. 2,018,039; Oct. 22.
- Air separator. C. E. Hermann. 2,018,669; Oct. 29.
- Air separator. T. J. Sturtevant. 1,999,851; Apr. 30.
- Air separator and driven device. G. H. Fraser. 1,987,615; Jan. 15.
- Air servicing device. O. P. Pierson. 2,026,249; Dec. 31.
- Airship. E. Lemperitz. 1,990,993; Feb. 12.
- Airship. I. J. Marriage. 1,989,708; Feb. 5.
- Airship. M. Medoff. 1,998,380; Apr. 16.
- Airship. W. Noelle. 1,988,325; Jan. 15.
- Airship, Amphibian. J. J. Leray. 1,986,064; Jan. 1.
- Airship, Vertically reciprocating winged naval dirigible. M. Jellalian. 1,997,906; Apr. 16.

- Airships, Bracing the circumference of gas-inflated rigid. A. Förster. 2,004,785; June 11.
- Airships, Device for registering the charging condition of. K. Stahl. 2,020,526; Nov. 12.
- Air shock and vibration absorber. J. E. Towner. 1,991,184; Feb. 12.
- Air, System for conditioning. G. P. Tidmarsh and P. M. Tidmarsh. 2,005,276; June 18.
- Air temperature regulation. G. E. Otis. 2,012,285; Aug. 27.
- Air terminal device. J. Olasz. 1,997,945; Apr. 16.
- Air tram systems of transportation. J. B. Strauss. 2,023,906; Dec. 10.
- Air treating mechanism. J. D. Landerman. 2,012,608; Aug. 27.
- Air valve. V. Duncan. 2,016,801; Oct. 8.
- Air valve. A. A. Haas. 1,996,291; Apr. 2.
- Air vent, Automatic. A. Petro. 2,008,993; July 23.
- Air vent for camera bellows. C. C. Fuerst. 2,005,417; June 18.
- Air vent for hot water radiators and the like. J. C. Miller. 1,989,423; Jan. 29.
- Air volume control. L. T. Watry. 1,997,879; Apr. 16.
- Air volume controlling device for water storage tanks. A. Penn. 2,004,417; June 11.
- Air washer and sterilizer. G. F. Linde. 2,013,518; Sept. 3.
- Airways, Lighting. W. A. Roth. 1,994,535; Mar. 19.
- Aisle seat. C. A. Van Derveer. 2,018,983; Oct. 29.
- Alarm. E. Short. 2,022,943; Dec. 3.
- Alarm. L. L. Whetherbult. 1,995,019; Mar. 19.
- Alarm accelerating means, Sprinkler system. T. M. Allan. 2,011,603; Aug. 20.
- Alarm and control system for internal combustion engines. G. D. Pogue. 2,010,960; Aug. 13.
- Alarm and watchman system. P. Di Orio and M. Schimidhofer. 1,996,698; Apr. 2.
- Alarm, Automobile theft. H. G. Ray. 2,016,515; Oct. 8.
- Alarm, Burglar. J. E. Clark. 1,989,666; Feb. 5.
- Alarm circuit. R. W. McBrien and N. F. Wilson. 2,021,423; Nov. 19.
- Alarm device. E. G. De Valera. 2,017,687; Oct. 15.
- Alarm device for safes. A. Biasi. 2,001,812; May 21.
- Alarm, Electric fire. F. G. Bloch. 2,006,434; July 2.
- Alarm, Fire. G. W. Jones. 2,013,466; Sept. 3.
- Alarm, Gas tank. E. S. Johnson. 2,004,872; June 11.
- Alarm, Lock. G. Farkas. 2,022,414; Nov. 26.
- Alarm mechanism. G. Browning. 1,986,499; Jan. 1.
- Alarm or signal sending system. R. M. Hopkins. 2,011,636; Aug. 20.
- Alarm retard device, Nonaccumulative bandit. R. M. Hopkins and W. J. Kleinknecht. 2,007,371; July 9.
- Alarm switch. R. M. Hopkins. 2,001,137; May 14.
- Alarm system for tractor-trailer combinations. H. H. Robinson. 2,002,833; May 28.
- Alarm transmitting system. O. L. Walter. 2,022,991; Dec. 3.
- Alarm water column. F. W. Miller. 2,002,327; May 21.
- Albumina, Obtaining. J. C. Seailles. 2,008,112; July 16.
- Albuminoid material, Producing. G. O. W. Heijkskjöld. 1,999,455; Apr. 30.
- Alcohol addition products of unsaturated compounds and producing same. W. H. Carothers and R. A. Jacobson. 2,013,725; Sept. 10.
- Alcohol and acetone by fermentation, Production of butyl. J. F. Loughlin. 1,992,921; Feb. 26.
- Alcohol and acetone, Producing butyl. A. Izsak and F. J. Funk. 2,016,112; Oct. 1.
- Alcohol and denaturant for the same, Denatured. J. H. James. 2,009,661; July 30.
- Alcohol and preparing the same, Sulphonated naphthenic. W. Schrauth. 2,000,994; May 14.
- Alcohol and producing the same, Denatured. W. H. Hampton. 1,988,007; Jan. 15.
- Alcohol beverage, Manufacture of minim. K. Schreder. 1,995,626; Mar. 26.
- Alcohol by fermentation, Production of butyl. D. A. Legg. 2,023,368; Dec. 3.
- Alcohol by fermentation, Production of butyl. W. N. McCutchan and C. F. Arzberger. 2,023,087; Dec. 3.
- Alcohol denaturant. P. K. Frolich and F. L. Miller. 1,993,270; Mar. 5.
- Alcohol, Denatured. H. G. Stone. 2,019,744; Nov. 5.
- Alcohol emulsion and producing, Nitrated polyhydric. D. R. Wiggam. 1,999,828; Apr. 30.
- Alcohol esters of fatty acids, Naphthenic. A. Kirstahler and W. J. Kaiser. 2,010,727; Aug. 6.
- Alcohol from propylene, Producing isopropyl. W. H. Shiffer, M. M. Holm, and W. P. Anderson. 1,988,611; Jan. 22.
- Alcohol, Synthetic. B. T. Brooks and R. Schuler. 2,006,157; June 25.
- Alcohols and esters, Drying. B. T. Brooks. 2,022,274; Nov. 26.
- Alcohols and the production thereof, Amino. W. H. Hartung. 1,989,093; Jan. 29.
- Alcohols and unsaturated hydrocarbons, High molecular. W. H. McAllister. 2,022,894; Dec. 3.
- Alcohols by means of a ketene, Acetylation of liquid polyhydroxy aliphatic. P. K. Frolich and P. J. Wievevich. 2,018,759; Oct. 29.
- Alcohols, Condensation of. N. D. Scott. 2,004,350; June 11.
- Alcohols, Dehydrogenation of unsaturated. H. P. A. Groll. 2,011,317; Aug. 13.
- Alcohols from hydrocarbons, Recovery of. F. M. Archibald and P. Janssen. 2,014,078; Sept. 10.
- Alcohols, Making aliphatic. L. H. Clark and F. J. Worster. 2,006,942; July 2.
- Alcohols, Manufacture of. F. J. Metzger. 2,021,564; Nov. 19.
- Alcohols, Manufacture of. A. J. van Peski and S. L. Langedijk. 1,999,620; Apr. 30.
- Alcohols, Manufacture of tertiary. R. Z. Moravec and W. Engs. 2,019,762; Nov. 5.
- Alcohols, particularly butyl alcohol, from ethyl alcohol, Production of higher. O. Fuchs and W. Querfurth. 1,992,480; Feb. 26.
- Alcohols, Preparation of high molecular weight. N. D. Scott and V. L. Hansley. 2,019,022; Oct. 29.
- Alcohols, Producing. A. Hintermaier. 1,987,558; Jan. 8.
- Alcohols, Producing aromatic. M. S. Carpenter. 2,013,710; Sept. 10.
- Alcohols, Production of. W. Schrauth and T. Böttler. 2,023,383; Dec. 3.
- Alcohols, Production of hydrobietyl. C. O. Henke and M. A. Prahl. 2,021,100; Nov. 12.
- Alcohols, Production of polyhydric. J. Mueller and U. Hoffmann. 1,990,245; Feb. 5.
- Alcohols, Production of polyhydric. H. S. Rothrock. 2,004,135; June 11.
- Alcohols, Production of polymer-free. S. L. Langedijk. 1,990,789; Feb. 12.
- Alcohols, Production of unsaturated. O. Schmidt, K. Huttner and G. Kaeb. 2,009,948; July 30.
- Alcohols, Purification of. J. P. Burke. 1,987,601; Jan. 15.
- Alcohols, Purification of. H. F. J. Iorand and P. W. van der Sluijs. 2,006,400; July 2.
- Alcohols, Recovery of. F. A. Bent and R. W. Millar. 2,010,686; Aug. 6.
- Alcohols, Separating. E. E. Reid. 2,004,131; June 11.
- Alcohols to aldehydes, Oxidizing aliphatic. H. A. Bond and L. B. Smith. 2,005,645; June 18.
- Alcohols, Treatment of unsaturated. H. P. A. Groll and M. W. Tamele. 2,010,076; Aug. 6.
- Alcoholysis of olefine diesters. G. H. Coleman and G. B. Moore. 2,010,689; Aug. 6.
- Aldehyde-nitrogen sulphide reaction product. B. M. Marks. 1,991,765; Feb. 19.
- Aldehyde products, Stabilization of. P. J. Leaper. 2,001,788; May 21.
- Aldehydes from dicarboxylic acids, Production of. O. Drossbach and A. Johannsen. 2,018,350; Oct. 22.
- Aldehydic compounds, Manufacture of. A. T. Larson. 1,989,700; Feb. 5.
- Aldol condensation product and vulcanization of caoutchouc therewith. L. B. Sebrell. 1,994,732; Mar. 19.
- Aldol condensation product, Making an. J. V. Eyre and H. Langwell. 2,016,630; Oct. 8.
- Algin composition containing latex. B. F. Erdahl. 2,013,651; Sept. 10.
- Alginate, Readily water soluble dry. R. J. Wig. 2,000,807; May 7.
- Aligner for billing machines. C. R. Mabon. 1,997,737; Apr. 16.
- Aligning device for manifolded typewriters. A. G. Pierce. 2,005,693; June 18.
- Aligning device for printing plates. C. T. Comstock. 2,026,377; Dec. 31.
- Alignment indicator. O. Hauke. 2,025,051; Dec. 24.
- Aliphatic anhydrides, Manufacture of. H. Dreyfus. 2,002,084-5; May 21.
- Aliphatic anhydrides, Manufacture of. D. Finlayson and J. H. G. Plant. 1,986,885; Jan. 8.
- Aliphatic-aromatic amine and making the same. K. W. Rosenmund and F. Kütz. 2,006,114; June 25.
- Aliphatic chlorides, Preparation of. H. Aickelin. 2,007,322; July 9.
- Aliphatic compounds, Manufacture of. H. Dreyfus. 1,996,755; Apr. 9.
- Aliphatic compounds, Manufacture of fluorated. A. L. Henne. 2,007,198; July 9.
- Aliphatic halides, Fluorination of. A. L. Henne. 2,013,050; Sept. 3.
- Aliphatic halo-fluoro compounds, Preparation of. T. Midgley, Jr., and A. L. Henne. 2,013,062; Sept. 3.
- Alkali cyanides free from sulphides and chlorides, Production of high percentage. H. T. J. König. 2,018,135; Oct. 22.
- Alkali metal alcoholates, Preparing. P. Heisel and E. Berghelmer. 2,000,329; May 7.
- Alkali metal carbonates and hydroxides and recovery of ammonium chloride, Manufacture of. R. B. MacMullin. 1,992,318; Feb. 26.
- Alkali metal carbonates, Production of nitrogen-free. R. B. MacMullin and G. L. Cunningham. 2,014,536; Sept. 17.
- Alkali metal compound recovery from waste organic mixtures. G. T. Reich. 2,002,797; May 28.
- Alkali metal cyanides, Manufacture of. H. N. Gilbert. 2,015,668; Oct. 1.
- Alkali-metal formaldehyde sulfoxylate, Making. F. W. Binns. 2,013,125; Sept. 3.
- Alkali metal hyposulphites, Production of anhydrous. B. M. Vanderbilt and H. Adler. 2,010,615; Aug. 6.
- Alkali metal metasilicate, Making an easily water soluble. E. R. Boller. 2,018,632; Oct. 22.

- Alkali metal salts of naphthalene-1-sulphonic acid, Manufacture of. A. Hasler, R. Meyer, and J. Schäfer. 1,992,481; Feb. 26.
- Alkali metal selenides and tellurides. F. B. Downing and C. J. Pedersen. 2,008,753; July 23.
- Alkali-metal trichloro phenolates. L. E. Mills. 1,991,329; Feb. 12.
- Alkali-metal zirconium tartrate and producing same. C. J. Kinzie. 2,013,856; Sept. 10.
- Alkali silicate compounds, Producing soluble, pourable and stable. F. Albertshausen. 2,026,451; Dec. 31.
- Alkaline and alkaline earth salts of sugar phosphoric acid esters, Preparing the. S. Funakawa. 2,024,036; Dec. 10.
- Alkaline earth cyanamides, Preparing. N. Caro, A. R. Frank, and H. H. Franck. 1,992,289; Feb. 26.
- Alkaline earth sulphates, Decolorizing. H. S. Booth. 2,013,401; Sept. 3.
- Alkaline hydrates from alkaline bicarbonate or carbonate, Production of. F. Bartling. 1,989,579; Jan. 29.
- Alkaline silicate, Chlorinated. P. Logue and W. N. Pritchard, Jr. 1,989,759; Feb. 5.
- Alkoxy-phenyl-imidazoles. M. Engelmann. 2,005,538; June 18.
- Alkylated derivatives of amines, Preparation of. A. Zimmerli. 1,987,317; Jan. 8.
- Alkylated-phenyl-azo-amino-pyridines, Purifying. E. T. Tisza and B. Joos. 1,990,923; Feb. 12.
- Alkyl chloro-dioxy-benzols. W. E. Austin. 2,023,160; Dec. 3.
- Alkyl derivatives of ammonia, Production of. L. Andrusow and E. Germann. 2,012,801; July 27.
- Alkyne carbonate and making it. W. H. Carothers. 1,995,291; Mar. 26.
- Alkyne chlorohydrins and aliphatic esters conjointly, Making. E. C. Britton, G. H. Coleman, and G. V. Moore. 1,987,227; Jan. 8.
- Alkyne diamines, Preparation of. W. M. Lauter. 2,020,690; Nov. 12.
- Alkylenediguandine salts and making said salts. E. Prochnow. 2,019,872; Nov. 5.
- Alkyne ester of polybasic acids. W. H. Carothers. 2,012,267; Aug. 20.
- Alkyl halide synthesis. W. A. Lazier. 1,996,115; Apr. 2.
- Alkyl halides, Making. B. T. Brooks. 2,015,706; Oct. 1.
- Alkyl halides, Production of. W. S. Calcott and H. W. Daudt. 2,016,072; Oct. 1.
- Alkyl-substituted-hexyl ethyl barbituric acid. H. A. Shonle. 1,996,630; Apr. 2.
- Alkyl sulphates, Producing metal. S. R. Merley. 1,998,411; Apr. 16.
- Alkyl thiocyanates and similar esters, Producing. W. M. Lee. 1,992,533; Feb. 26.
- Alloy. J. W. Bolton and S. A. Weigand. 1,988,154; Jan. 15.
- Alloy. E. A. Capillon and F. E. Carter. 1,999,864-6; Apr. 30.
- Alloy. E. F. Fischer. 1,992,655; Feb. 26.
- Alloy. L. S. Guetti. 2,008,862; July 23.
- Alloy. M. A. Hunter. 2,005,423; June 18.
- Alloy. J. Johnson. 2,014,083; Sept. 10.
- Alloy. R. H. Leach. 2,015,345; Sept. 24.
- Alloy. R. H. Leach. 2,019,984; Nov. 5.
- Alloy. R. H. Leach. 2,020,949; Nov. 12.
- Alloy. J. M. Lohr. 2,005,430-3; June 18.
- Alloy. J. M. Lohr. 2,019,686-8; Nov. 5.
- Alloy. H. J. McFadden, Sr. 2,012,966; Sept. 3.
- Alloy. D. F. Moore. 2,026,243; Dec. 31.
- Alloy. R. E. Paine. 1,998,168-71; Apr. 16.
- Alloy. W. Sarzenbacher. 1,994,112; Mar. 12.
- Alloy. R. R. Walter. 2,018,752; Oct. 29.
- Alloy. T. H. Warner. 2,003,524; June 4.
- Alloy. R. A. Wilkins. 2,002,460; May 21.
- Alloy. R. T. Wood. 2,000,115; May 7.
- Alloy, Alkali metal. D. H. Brophy. 1,995,440; Mar. 26.
- Alloy and making same. J. W. Bolton. 1,988,153; Jan. 15.
- Alloy, Brazing. W. B. Miller. 1,988,422; Jan. 15.
- Alloy cases, Producing diffusion. J. W. Harsch. 1,999,757; Apr. 30.
- Alloy composition, Precious metal. N. O. Taylor. 1,987,451-2; Jan. 8.
- Alloy, Corrosion-resistant and malleable. W. J. Müller and M. Niessner. 2,006,598; July 2.
- Alloy, Corrosion-resistant and malleable. W. J. Müller and M. Niessner. 2,006,600; July 2.
- Alloy, Corrosion-resistant mechanically workable. W. J. Müller and M. Niessner. 2,006,601; July 2.
- Alloy, Die casting. J. R. Freeman, Jr. 2,023,129; Dec. 3.
- Alloy, Ferrous. J. V. Emmons. 1,998,953; Apr. 23.
- Alloy, Ferrous. J. V. Emmons. 1,998,956-7; Apr. 23.
- Alloy, Free cutting. W. L. Fink. 1,986,828; Jan. 8.
- Alloy, Free cutting. H. L. Hopkins. 1,986,826-7; Jan. 8.
- Alloy, Free cutting. L. W. Kemp and W. A. Dean. 1,986,825; Jan. 8.
- Alloy, Free machining ferrous. F. R. Palmer. 2,009,713; July 30.
- Alloy, Free machining structural. F. R. Palmer. 2,009,716; July 30.
- Alloy, Glass machine. A. W. Gregg and R. H. Frank. 1,996,162; Apr. 2.
- Alloy, Hard metal. J. Holzberger. 1,992,372; Feb. 26.
- Alloy, Heat-resistant. S. L. Hoyt and R. S. Archer. 1,995,923; Mar. 26.
- Alloy, Heat resistant. H. Jaeger. 1,990,650; Feb. 12.
- Alloy, High strength. G. P. Halliwell. 2,018,520; Oct. 22.
- Alloy, Lead. R. H. Canfield. 2,013,487; Sept. 3.
- Alloy, Magnetic. V. E. Browne. 1,995,562; Mar. 26.
- Alloy, Mechanically workable. W. J. Müller and M. Niessner. 2,006,599; July 2.
- Alloy, Non-ferrous. W. B. Price. 2,011,259; Aug. 13.
- Alloy sheets and strips, Manufacturing nonferrous. S. McMullen and E. S. Strang. 1,987,628; Jan. 15.
- Alloy, Silicon-iron-phosphorus-copper. E. S. Cornell, Jr. 2,008,731; July 23.
- Alloy, Sintered hard metal. K. Schröter, K. Agte, K. Moers, and H. Wolff. 2,015,536; Sept. 24.
- Alloy, Sintered hard metallic. K. Schröter and H. Wolff. 1,991,912; Feb. 19.
- Alloy, Stable chromium-nickel-iron. V. B. Browne. 2,001,123; May 14.
- Alloy steel. W. Crafts. 2,013,137; Sept. 3.
- Alloy steel. J. V. Emmons. 1,998,954-5; Apr. 23.
- Alloy steel. R. Franks. 1,990,589-90; Feb. 12.
- Alloy, Steel. A. Fry. 1,991,977; Feb. 19.
- Alloy steel and articles made therefrom. W. G. Hildorf, A. E. White, and C. L. Clark. 2,021,781-3; Nov. 19.
- Alloy steels. J. Larsson and H. Styrl. 2,004,331; June 11.
- Alloy steels and product thereof, Welding. P. A. E. Armstrong. 1,997,538; Apr. 9.
- Alloy, Welding rod. I. T. Hook. 2,012,450; Aug. 27.
- Alloys and articles made therefrom, Manufacture of metallic. C. P. Miller. 2,012,890; Aug. 27.
- Alloys by the basic process, Production of chromium steel. E. H. Schulz. 2,004,836; June 11.
- Alloys containing copper and zinc, Manufacture of. H. W. Brownson, M. Cook, and H. J. Miller. 1,992,118; June 11.
- Alloy composition, Precious metal. N. O. Taylor. E. G. T. Gustafsson. 2,010,230; Aug. 6.
- Alloys containing yttrium metals of the rare earths, Producing. J. B. Grenagle. 2,008,302; July 16.
- Alloys, Copper-titanium. W. Kroll. 1,991,162; Feb. 12.
- Alloys, Dye casting metal. G. H. Starman. 2,013,870; Sept. 10.
- Alloys forming solid solutions, Normalizing ternary and multiple. C. Schaarwächter. 1,992,325; Feb. 26.
- Alloys, Increasing the strength of. W. P. Sykes. 1,986,024; Jan. 1.
- Alloys, Manufacture and production of hard metal. A. R. Powell and E. R. Box. 2,021,021; Nov. 12.
- Alloys, Manufacturing. W. Rohn. 2,012,777; Aug. 27.
- Alloys, Producing. W. B. Arness. 1,994,679; Mar. 19.
- Alloys, Producing. W. B. Arness. 2,005,409; June 18.
- Alloys, Producing columbium. F. M. Becket. 2,004,498; June 11.
- Alloys, Producing zirconium. F. M. Becket. 1,996,037; Mar. 26.
- Alloys, Production of iron-chromium. A. L. Feild. 2,001,015-16; May 14.
- Alloys, Treating aluminum-base. P. T. Stroup. 1,998,467; Feb. 19.
- Alloys, Treatment of. E. F. Bainbridge. 2,004,483; Apr. 23.
- Alloys, Treatment of easily oxidizable. P. T. Stroup. 2,017,025; Oct. 8.
- α,α -anthracene-dicarbonyl-chloride and preparing the same. R. N. Lulek and M. A. Perkins. 1,991,688; Feb. 19.
- Alpha-naphthol, Preparation of. E. C. Britton and W. C. Stoesser. 1,992,154; Feb. 19.
- Alpha naphthol, Production of. W. J. Cotton. 2,025,197; Dec. 25.
- Alterations of serial numbers, Preventing. T. Torrison. 2,007,463; July 9.
- Alternating current motor. J. H. Stark. 2,019,323; Oct. 29.
- Alternating current motor. D. J. Stewart. 1,992,971; Mar. 5.
- Alternating current motor. H. E. Warren. 2,025,560; Dec. 24.
- Alternating-current regulator. F. H. Gulliksen. 2,005,892; June 25.
- Alternating current tube. J. R. Beers. 1,990,974; Feb. 12.
- Altimeter. F. H. Drake. 1,987,588; Jan. 8.
- Altimeter. A. Urfer. 2,002,874; May 28.
- Altimeter. A. Urfer. 2,023,825; Dec. 10.
- Altimeter. A. Urfer. 2,024,313-4; Dec. 17.
- Altimeter, Electric wave. S. Ballantine. 2,020,347; Nov. 12.
- Altitude of aircraft, Regulating the. E. Fischel. 1,997,412; Apr. 9.
- Alum, Apparatus for manufacture of basic. A. Fleischer. 1,995,343; Mar. 26.
- Alum, Iron-free. W. S. Wilson. 2,006,853; July 2.
- Alums, Manufacture of. S. S. Svendsen. 2,022,012; Nov. 26.
- Alumina hydrate, Manufacture of. A. Fleischer. 2,000,939; May 14.
- Alumina, Producing pure. W. Fulda, E. Wiedbrauck, and R. B. Wittig. 2,021,546; Nov. 19.
- Alumina, Production of. R. B. Derr. 2,019,554; Nov. 5.
- Alumina, Production of. C. W. Willmore and C. C. Callis. 2,019,553; Nov. 5.
- Aluminum-alkali double fluorides, Obtaining pure. F. W. Hilscher and V. Schwemmer. 2,021,601; Nov. 19.
- Aluminum alloy. F. Keller and R. S. Merritt. 2,003,297; June 4.
- Aluminum alloy casting and making the same. J. A. Nock, Jr. 2,022,686; Dec. 3.

- Aluminum alloy, Manufacturing an. E. W. Westhoff. 2,002,758; May 28.
- Aluminum, aluminum alloys, and alloys containing aluminum, Modification of. A. Pacz. 2,013,926; Sept. 10.
- Aluminum and aluminum alloy surfaces, Treating. M. Tosterud. 2,018,388; Oct. 22.
- Aluminum and its alloys, Fabrication of. R. T. Whitzel. 1,986,130; Jan. 1.
- Aluminum and its alloys, Treatment of. P. T. Stroup. 2,024,751; Dec. 17.
- Aluminum articles, Coloration of. J. F. Leahy. 2,019,229; Oct. 29.
- Aluminum articles, Coloring. J. F. Leahy. 2,001,427; May 14.
- Aluminum articles, Manufacture of coated. H. Bengston. 2,022,798; Dec. 3.
- Aluminum-barium alloys, Making. J. E. McCarty and D. W. Randolph. 2,018,143; Oct. 22.
- Aluminum-base alloy. W. E. Mansfield. 1,997,494; Apr. 9.
- Aluminum brass alloy. J. R. Freeman, Jr. 2,003,685; June 4.
- Aluminum chloride synthesis of resins and product thereof. S. C. Fulton and J. Kunc. 2,025,738; Dec. 31.
- Aluminum formate and making the same. O. Jochem and T. Hennig. 2,019,415; Oct. 29.
- Aluminum melting furnace. E. F. Russ. 1,995,524; Mar. 26.
- Aluminum minerals, Decomposition of siliceous. E. Wiedbrauck and K. Buche. 2,006,851; July 2.
- Aluminum object, Preparing and plating an. W. H. Bowden. 1,988,645; Jan. 22.
- Aluminum, or aluminum chloride and certain metals as by-products, Production of metallic. C. G. Miner. 1,987,629; Jan. 15.
- Aluminum, Refining. J. J. Ripner. 2,008,188; July 16.
- Aluminum sulphate, Apparatus for the manufacture of. G. L. Scott. 1,995,401; Mar. 26.
- Aluminum sulphate, Production of basic. R. O. Wood. 1,986,091; Jan. 1.
- Aluminum surfaces, Treating. H. E. Wetherbee. 2,018,694; Oct. 29.
- Aluminum, Working. H. D. Monsch. 1,989,242; Jan. 29.
- Amalgam fillings, Device for forming. A. Ejde. 2,017,955; Oct. 22.
- Amalgam mixer. H. Van Bree and A. Frace. 1,999,671; Apr. 30.
- Amalgamating and concentrating apparatus. R. M. Coyle. 1,988,720; Jan. 22.
- Amalgamator, Centrifugal. B. B. Waltman. 1,988,528; Jan. 22.
- Amides of aliphatic-aromatic acids, Substituted. K. Miescher, W. Meisel, and K. Hoffmann. 2,009,144; July 23.
- Amides, Preparing. H. A. Bruson. 1,989,968; Feb. 5.
- Amides, Production of carboxylic. W. Reppe and E. Keyssner. 2,013,108; Sept. 3.
- Amidines. J. Lee. 2,004,994; June 18.
- Amine hydrohalides, Preparation of. A. L. Fox. 2,007,189; July 9.
- Amine of high color stability and producing it. R. P. and J. M. Weiss. 2,019,032; Oct. 29.
- Amine of high molecular weight. W. Lommel and R. Schröter. 1,989,325; Jan. 29.
- Amine salts of antimonite and phenyl stibonite acids and preparing the same. H. Schmidt. 1,988,632; Jan. 22.
- Amines and di-amines and products of said process, Making. J. F. Olin. 2,006,058; June 25.
- Amines and products produced thereby, Production of tertiary. S. Caspe. 1,993,542; Mar. 5.
- Amines, Nitro-aryl amino-aryl. E. Fischer and E. Mahler. 2,006,735; July 2.
- Amines of the benzene series, Production of aromatic. E. Vogt. 2,013,873; Sept. 10.
- Amines of the benzene series, Separating mono- and dialkyl. J. B. Cook, Jr., and D. Hutton. 1,991,790; Feb. 19.
- Amines of the benzene series, Preparation of. A. J. Wuertz. 1,994,845; Mar. 19.
- Amines, Producing. H. R. Arnold. 1,992,935; Mar. 5.
- Amines, Production of aromatic. G. F. Horsley. 2,013,052; Sept. 3.
- Amines, Separation of secondary and tertiary. F. Zwißmeyer. 1,992,111; Feb. 19.
- Amines, Synthesis of. H. R. Arnold and T. L. Williams. 2,017,051; Oct. 15.
- Amines, Synthesis of. W. A. Lazier. 2,017,069; Oct. 15.
- Amino-anthraquinone compounds, Halogenating. W. Dettwyler. 1,986,798; Jan. 8.
- Amino anthrydines and making same. W. Schoeller and O. von Schick. 2,002,280; May 21.
- Amino-aryl-thiazole-compounds, Producing. R. Herz. 2,003,444; June 4.
- Amino azo compound. F. Mietsch and J. Klarer. 2,022,921; Dec. 3.
- Amino-bases, and making same, Polynuclear aromatic. T. Sutter. 1,999,069; Apr. 23.
- Aminobenzothiazole compound. M. Engelmann. 2,019,529; Nov. 5.
- Amino compounds, Production of hydroxy-alkylated. H. C. Olpin and S. H. Bannister. 2,003,386; June 4.
- Amino derivative of hydroxy diphenyls. W. D. Wolfe. 2,004,914; June 11.
- Amino derivatives and preparing them. W. S. Calcott and R. G. Clarkson. 2,016,956; Oct. 8.
- Amino derivatives of polycyclic organic compounds, Preparing. W. Mieg, R. M. Heidenreich, and H. Nere-shelmer. 2,009,064; July 23.
- Aminodiphenyl derivatives and preparing them. G. Kränzlein, P. Ochwat, and K. Moldaenke. 2,012,569; Aug. 27.
- Amino nitrile and producing same. U. Hoffmann and B. Jacobi. 1,992,615; Feb. 26.
- Amino phenol and process, Purified. A. V. Tolstouhov. 2,013,394; Sept. 3.
- Aminophenols, Manufacture of substituted. F. B. Downing, R. G. Clarkson, and R. F. Deese, Jr. 2,009,767; July 30.
- Ammonia, Absorption and distillation of. D. Pyzel. 1,999,546; Apr. 30.
- Ammonia and improved catalyst therefor, Oxidation of. J. N. Tilley and H. Whitehead. 2,004,141; June 11.
- Ammonia compounds, Production of. F. W. Sperr, Jr. 1,986,900; Jan. 8.
- Ammonia, Distillation of. D. Pyzel. 2,017,323; Oct. 15.
- Ammonia oxidation process. S. L. Handforth and W. E. Kirst. 1,986,396; Jan. 1.
- Ammonia, Producing anhydrous. J. L. Bennett. 2,012,621; Aug. 27.
- Ammonia recovery. J. L. Brill. 2,014,374; Sept. 17.
- Ammonia recovery. M. J. Miller. 2,018,863; Oct. 29.
- Ammoniacal composition containing calcium nitrate, its preparation, transportation, and use. W. H. Kniskern and L. V. Rohner. 2,022,675; Dec. 3.
- Ammonium and alkali-metal formates, Manufacture of. A. Leroux. 1,995,211; Mar. 19.
- Ammonium chloride, Apparatus for the manufacture of. E. C. Curtis. 2,024,680; Dec. 17.
- Ammonium chloride, Making. S. B. Heath. 1,987,572; Jan. 8.
- Ammonium nitrate, Preparation of. G. Fauser. 1,987,552; Jan. 8.
- Ammonium salts and making such salts, Saturator for the production of. W. Tiddy. 1,997,757; Apr. 16.
- Ammonium salts, Continuous manufacture of. A. F. A. Reinhart. 1,999,257; Apr. 30.
- Ammonium sulphate and denaturant from acid sludges produced in the treatment of petroleum, Manufacturing. J. T. Rutherford. 2,025,401; Dec. 24.
- Ammonium sulphate and product thereof, Producing coarse crystalline. A. von Kreiser. 2,021,093; Nov. 12.
- Ammonium sulphate, Apparatus for the production of. A. Schmalenbach. 2,000,038; May 7.
- Ammonium sulphate, Making. L. R. Westbrook. 1,989,124; Jan. 29.
- Ammonium sulphate, Manufacture of. F. M. Pyzel. 1,988,701; Jan. 22.
- Ammonium sulphate, Manufacture of. F. M. Pyzel and J. D. Ruys. 2,026,250; Dec. 31.
- Ammonium sulphate, Manufacture of. J. D. Ruys. 2,022,813; Dec. 3.
- Ammonium sulphate, Preparation of. R. R. Fulton. 1,986,889; Jan. 8.
- Ammonium sulphate, Producing. F. W. Sperr, Jr. 1,986,899; Jan. 8.
- Ammonium sulphite or bisulphite solutions, Preparing. R. W. Richardson. 2,004,799; June 11.
- Ammonium trinitrate, Producing. S. J. Gelhaar. 1,997,927; Apr. 16.
- Ammunition. A. Campbell. 2,021,498; Nov. 19.
- Ammunition case. A. Dhôme. 1,991,923; Feb. 19.
- Ammunition container. J. P. Woodbridge. 1,991,481; Feb. 19.
- Ammunition, Method and apparatus for the manufacture of. E. S. Peake. 1,989,495; Jan. 29.
- Ammunition, Packing a round of. A. B. Schilling and C. Casey. 2,005,756; June 25.
- Ammunition supplying device for pairs of guns mounted in turrets or the like. L. Daum. 2,004,855-6; June 11.
- Amphibian. W. K. Burgess. 2,005,728; June 25.
- Amphibian landing gear. F. E. Flader and D. C. Rowe. 2,025,735; Dec. 31.
- Amplification control, Automatic. H. A. Wheeler. 2,013,121; Sept. 3.
- Amplification means. J. A. Suller. 2,019,939; Nov. 5.
- Amplification system. J. L. Weston. 1,997,283; Apr. 9.
- Amplification, System of variable. D. Mitchell and L. Schott. 2,019,577; Nov. 5.
- Amplifier. L. E. Barton. 2,010,253; Aug. 6.
- Amplifier. G. L. Beers. 2,010,131; Aug. 6.
- Amplifier. G. L. Beers. 2,017,523; Oct. 15.
- Amplifier. W. W. Eitel. 1,996,507; Apr. 2.
- Amplifier. R. Feldtkeller. 2,022,496; Nov. 26.
- Amplifier. R. Hofer. 1,997,407; Apr. 9.
- Amplifier. B. Kreuzer. 2,006,052; June 25.
- Amplifier. O. J. Murphy. 2,026,319; Dec. 31.
- Amplifier. K. Posthumus. 1,996,830; Apr. 9.
- Amplifier. P. N. Ramlau. 2,021,638; Nov. 19.
- Amplifier. H. Shore. 2,005,111; June 18.
- Amplifier. W. Wehnert. 2,017,112; Oct. 15.
- Amplifier. H. A. Wheeler. 1,997,665; Apr. 16.
- Amplifier, Admittance neutralizing. P. T. Farnsworth. 1,986,331; Jan. 1.
- Amplifier and detector system. H. F. Elliott. 2,010,014; Aug. 6.
- Amplifier and flow controller, Differential pressure. T. W. Delaney. 1,991,663; Feb. 19.
- Amplifier arrangement. W. Buschbeck. 2,026,372; Dec. 31.
- Amplifier, Audio frequency. K. H. Krambeer. 1,985,999; Jan. 1.

- Amplifier, Audion. P. O. Farnham. 2,006,099; June 25.
 Amplifier, Audion. P. O. Farnham and R. Asserson. 2,005,080; June 18.
 Amplifier, Class "B" audio. L. E. Barton. 2,023,506; Dec. 10.
 Amplifier connection system. A. Forstmann. 1,992,063; Feb. 19.
 Amplifier control. F. Rieber. 2,025,775; Dec. 31.
 Amplifier control, Automatic audio. W. van B. Roberts. 1,993,860; Mar. 12.
 Amplifier control, Push-pull. W. S. Barden. 2,000,433; May 7.
 Amplifier, Direct coupled. B. A. J. ten Brink. 1,986,554; Jan. 1.
 Amplifier, Feedback. G. W. Barnes. 1,994,457; Mar. 19.
 Amplifier for long distance telephone lines, Voice current. L. E. Adler. 1,996,267; Apr. 2.
 Amplifier, High frequency. E. A. Beane and E. F. Andrews. 2,013,430; Sept. 3.
 Amplifier, High frequency. P. Kapteyn. 2,021,103; Nov. 12.
 Amplifier, High frequency. H. Stoet and L. H. van Harreveldt. 1,988,987; Jan. 22.
 Amplifier, High frequency. R. Villem. 1,987,880; Jan. 15.
 Amplifier, Intermediate frequency. K. Posthumus and T. J. Weijers. 2,017,131; Oct. 15.
 Amplifier, Ionic. S. Ruben. 1,989,461-2; Jan. 29.
 Amplifier, Push-pull. W. S. Barden. 2,017,199; Oct. 15.
 Amplifier, Push-pull. R. O. Wise. 1,998,479; Apr. 23.
 Amplifier, Resistance-capacitance coupled. W. A. Fitch. 1,990,781; Feb. 12.
 Amplifier, Series coupled. A. Nyman. 1,986,597; Jan. 1.
 Amplifier, Thermionic. S. Ruben. 2,007,938; July 9.
 Amplifier, Variable gain. C. N. Nebel. 2,022,972; Dec. 3.
 Amplifier with feed-back, Communication. F. A. Cowan. 2,017,180; Oct. 15.
 Amplifier without back-coupling over the anode potential sources, Cascade. M. von Ardenne. 2,007,624; July 9.
 Amplifiers, Electron discharge. R. E. H. Carpenter. 1,999,318; Apr. 30.
 Amplifiers, Energization and control of. E. T. Burton. 2,020,875; Nov. 12.
 Amplifying and rectifying system, Combined. M. Mack-soud. 2,017,910; Oct. 22.
 Amplifying and reproducing system. B. F. Miessner. 1,985,946; Jan. 1.
 Amplifying arrangement. E. Klötz and R. Rechnitzer. 2,024,582; Dec. 17.
 Amplifying device. H. R. Davies. 2,007,946; July 9.
 Amplifying device. A. B. Smith. 1,986,984; Jan. 8.
 Amplifying device. K. Steimel and E. Klotz. 2,006,969; July 2.
 Amplifying relay system. H. Geffcken. 1,998,131; Apr. 16.
 Amplifying system. J. H. Hammond, Jr. 2,008,702; July 23.
 Amplifying system. W. H. T. Holden. 1,999,327; Apr. 30.
 Amplifying system. V. D. Landon and R. W. Carlisle. 1,987,687; Jan. 15.
 Amplifying system, Electric. B. F. Miessner. 1,985,945; Jan. 1.
 Ampoule. H. N. May. 2,007,454; July 9.
 Amusement and exercising device. A. Pitre. 2,000,250; May 7.
 Amusement and skill game. S. E. White. 2,016,661; Oct. 8.
 Amusement and vending machine, Combined. C. R. Carney. 2,007,325; July 9.
 Amusement apparatus. E. C. Fey. 2,012,502; Aug. 27.
 Amusement apparatus. E. C. Fey. 2,019,126; Oct. 29.
 Amusement apparatus. F. W. Gibson. 2,019,302; Oct. 29.
 Amusement apparatus. J. F. Macourek. 2,005,231; June 18.
 Amusement apparatus. R. Mayhew. 2,017,102; Oct. 15.
 Amusement apparatus. H. Stoebner and F. Markey. 2,005,400; June 18.
 Amusement apparatus. H. Woolard. 1,995,137; Mar. 19.
 Amusement apparatus, Coin-freed. F. J. Ralph. 2,017,016; Oct. 8.
 Amusement device. O. B. Andrews. 2,018,393; Oct. 22.
 Amusement device. W. E. Callison. 1,996,143; Apr. 2.
 Amusement device. L. U. Everly. 1,987,004; Jan. 8.
 Amusement device. T. C. Graham and W. J. Fletcher. 1,989,411; Jan. 29.
 Amusement device. F. J. Kolar. 2,006,955; July 2.
 Amusement device. H. J. Krase. 2,011,058; Aug. 13.
 Amusement device. H. F. J. Kuzel. 2,017,099; Oct. 15.
 Amusement device. T. W. Loaring. 1,986,152; Jan. 1.
 Amusement device. C. E. Lundberg. 1,997,940; Apr. 16.
 Amusement device. M. Margolish. 2,005,692; June 18.
 Amusement device. H. F. Maynes. 2,021,074; Nov. 12.
 Amusement device. P. J. McCullough and E. H. Sullivan. 2,004,290; June 11.
 Amusement device. F. M. Pierce. 2,019,797; Nov. 5.
 Amusement device. H. B. Stoner. 2,018,978; Oct. 29.
 Amusement device. M. Süskes. 2,004,591; June 11.
 Amusement device. P. G. Watmough. 2,021,395; Nov. 19.
 Amusement device, Electrical. T. W. Loaring. 1,996,301; Apr. 2.
 Amusement device, Juvenile. A. Kappenberg. 1,998,508; Apr. 23.
 Amusement device representing a bucking broncho. J. J. Carniol. 1,991,011; Feb. 12.
 Amusement game. R. T. Moloney. 1,997,067; Apr. 9.
 Amusement machine. H. H. Hoke, Jr. 2,017,048; Oct. 15.
 Amusement machine. J. F. Meyer. 1,993,562; Mar. 5.
 Amusement ride. J. N. Bartlett. 2,016,476; Oct. 8.
 Amyl substitution products of amylene diamine and producing same. M. M. Wilson. 2,014,077; Sept. 10.
 Anæsthetic, Topical. S. Quising. 2,025,399; Dec. 24.
 Anaesthetizing apparatus. W. R. Henion. 2,020,643; Nov. 12.
 Analyzer. L. J. Lunas. 2,018,272; Oct. 22.
 Anamorphosing projection system. H. S. Newcomer. 2,017,634; Oct. 15.
 Anchor. J. E. Anderson. 1,992,932; Mar. 5.
 Anchor, Aircraft. A. P. de Seversky. 2,009,356; July 23.
 Anchor, Boat. G. E. Stubbs. 2,007,667; July 9.
 Anchor, Bolt. H. W. Pleister. 1,993,749; Mar. 12.
 Anchor, Bolt. H. W. Pleister and J. Karitzky. 2,004,480; June 11.
 Anchor, Collapsible. H. Buch and J. E. Harig. 2,012,751; Aug. 27.
 Anchor, Concrete insert. H. W. Kulp and M. C. Dellinger. 1,989,811; Feb. 5.
 Anchor, Earth. A. B. Chance. 2,002,628; May 28.
 Anchor, Earth. E. K. Cole. 1,992,651; Feb. 26.
 Anchor, Earth. C. L. Emry. 2,025,853; Dec. 31.
 Anchor, Expanding earth. J. Blackburn. 1,991,488; Feb. 19.
 Anchor for shoe heels. W. R. Towse. 2,026,004; Dec. 31.
 Anchor for wells, Adjustable. H. E. Turner. 1,996,264; Apr. 2.
 Anchor, Garment. C. H. Lake. 2,024,827; Dec. 17.
 Anchor, Guy. G. M. Johns, E. K. Smith, and T. T. Richards. 1,994,520; Mar. 19.
 Anchor, Guy. C. R. Pieper. 2,005,239; June 18.
 Anchor insert. A. M. Kinninger. 2,006,300; June 25.
 Anchor, Packing. W. L. Church. 2,021,223; Nov. 19.
 Anchor, Pipe. R. C. Wheeler. 2,002,103; May 21.
 Anchor plate for fence post. C. W. Meyers. 2,015,433; Sept. 24.
 Anchor plug, Rawhide screw. J. J. Schaefer. 2,024,064; Dec. 10.
 Anchor post. C. Greene. 2,001,719; May 21.
 Anchor, Rail. H. L. Black. 2,009,603; July 30.
 Anchor, Rail. R. A. Blair. 1,988,261; Jan. 15.
 Anchor, Rail. R. A. Blair. 2,020,351; Nov. 12.
 Anchor, Rail. R. A. Blair. 2,022,704; Dec. 3.
 Anchor, Rail. F. W. Cooper. 2,022,880; Dec. 3.
 Anchor, Rail. C. G. Ericson. 1,996,286; Apr. 2.
 Anchor, Rail. A. F. Ffield. 1,996,508; Apr. 2.
 Anchor, Rail. C. B. Shepherd. 2,003,395; June 4.
 Anchor, Recess bathtub. F. L. Jameson. 1,987,740; Jan. 15.
 Anchor, Refractory. G. Quint. 2,021,610; Nov. 19.
 Anchor, Truck. E. G. Ulrich. 2,020,386; Nov. 12.
 Anchorage. V. Bailey. 2,011,390; Aug. 13.
 Anchoring device. E. Becker. 1,998,860; Apr. 23.
 Anchoring device. M. J. McAtee. 2,015,951; Oct. 1.
 Anchoring device. J. H. Phillips. 1,996,121; Apr. 2.
 Anchoring device, Freight container. R. Ellis. 1,990,118; Feb. 5.
 Anchoring means for decoys. W. Hoberg. 2,023,526; Dec. 10.
 Anchoring mechanism. W. A. Kennedy. 2,023,732; Dec. 10.
 Anchors and mooring vessels, Apparatus for hoisting. J. H. Lucas. 1,998,565; Apr. 23.
 Anemometry and gas flow meter. G. A. Graham and J. W. Goodin. 1,987,617; Jan. 15.
 Anesthetic composition. S. D. Goldberg. 2,004,891; June 11.
 Angle cock device. H. I. Wrigley. 2,024,901; Dec. 17.
 Angle indicator. T. C. Burrows. 2,001,654; May 14.
 Angle indicator. R. A. Hennings. 1,992,029; Feb. 19.
 Angle indicator for cornice brakes. B. J. Themar. 2,014,485; Sept. 17.
 Angular movements. Indicating relative. A. Urfer. 1,991,129; Feb. 12.
 Anhydride from acetic acid, Preparing acetic. E. Berl. 2,006,787; July 2.
 Anhydride reaction product and producing it, Alpha-terpinene-maleic. E. G. Peterson and E. R. Littmann. 1,993,025; Mar. 5.
 Anhydrides, Manufacture of aliphatic. H. Dreyfus. 2,006,541; July 2.
 Anhydrides of alkoxy fatty acids, Manufacture of. C. J. Malm and C. R. Fordyce. 2,017,182; Oct. 15.
 Anhydrite, Making. J. E. Booge, R. M. McKinnne, and R. W. Sullivan. 2,006,342; July 2.
 Aniline from chlorobenzene and ammonia, Manufacture of. W. Prahl and W. Mathes. 2,001,284; May 14.
 Aniline hydrohalide preparation. L. C. Holt and H. W. Daudt. 2,007,199; July 9.
 Animal feeding and watering device. A. D. Tracy. 2,017,265; Oct. 15.
 Animal fibers, Dyeing. H. Wagner, H. Krzikalla, and A. Kirsch. 2,001,992; May 21.
 Animal starting trap. A. F. McClain, Sr. 1,995,214; Mar. 19.
 Animal symbol. H. H. Welch. 2,018,390; Oct. 22.
 Animal training device. R. H. Carter. 2,023,950; Dec. 10.
 Animal trap. V. Bailey. 2,020,598; Nov. 12.
 Animal trap. W. Barrett. 2,005,489; June 18.
 Animal trap. N. Chamberlin. 2,024,337; Dec. 17.
 Animal trap. H. D. Ercleshymer. 1,992,294; Feb. 26.
 Animal trap. C. Gebhard. 1,995,344; Mar. 26.

- Animal trap. H. R. Graybill. 2,000,752; May 7.
 Animal trap. J. R. Houts. 1,997,932; Apr. 16.
 Animal trap. M. A. Huebener, J. U. Lehn, H. R. Graybill, J. D. Zahm, and M. B. Koch. 2,007,650; July 9.
 Animal trap. W. T. Laughlin. 2,023,427; Dec. 10.
 Animal trap. E. F. Lauko. 2,009,320; July 23.
 Animal trap. E. M. Long. 1,996,872; Apr. 9.
 Animal trap. W. R. McCabe. 2,002,095; May 21.
 Animal trap. J. H. Melvin. 2,020,153; Nov. 5.
 Animal trap. L. D. Myers. 2,003,513; June 4.
 Animal trap. A. Potigian. 2,006,111; June 25.
 Animal trap. E. Pritchett. 2,016,049; Oct. 1.
 Animal trap. F. Remlinger. 2,009,635; July 30.
 Animal trap. C. Schwenk. 1,989,174; Jan. 29.
 Animals, Treating. A. W. Bruce. 2,015,058; Sept. 24.
 Animated display device. J. D. Gray. 1,990,230; Feb. 5.
 Animated luminous display system. R. A. Collard. 1,989,633; Jan. 29.
 Animated sign. G. A. Kull. 2,007,634; July 9.
 Anklet. G. H. Jung. 2,013,757; Sept. 10.
 Anneal of malleable iron, Short cycle. I. R. Valentine. 2,004,774; June 11.
 Annealing, Apparatus for. E. A. Rowe, S. H. Edwards and F. N. Fossati. 2,006,001; June 25.
 Annealing, forming, and cutting machine. S. Quisling. 1,990,092; Feb. 5.
 Annealing furnace. A. N. Otis and J. L. McFarland. 2,009,856; July 30.
 Annealing furnace. H. A. Staples. 2,007,009; July 2.
 Annealing furnace. H. A. Staples. 2,014,598; Sept. 17.
 Annealing material. H. P. Arkema. 1,994,629; Mar. 19.
 Announcer, Visible automatic. A. T. Carney. 1,999,803; Apr. 30.
 Annular valve. K. Schoene. 1,986,944; Jan. 8.
 Annulus and apparatus therefor, Forming an. J. E. Batie. 2,005,215; June 18.
 Annunciator. R. B. Baker. 2,004,645; June 11.
 Annunciator. E. G. De Valera. 2,025,274; Dec. 24.
 Annunciator, Time controlled. P. H. Henrikson. 2,024,857; Dec. 17.
 Anode structure. W. W. Eitel and F. J. Schack. 1,990,728; Feb. 12.
 Ant-poison feeder. P. F. Deford. 1,991,547; Feb. 19.
 Ant trap. O. E. Linck. 2,026,393; Dec. 31.
 Ant trap. C. O. and O. C. Rudd. 2,000,647; May 7.
 Antenna. P. S. Carter. 2,007,640; July 9.
 Antenna. A. Gothe. 1,988,592; Jan. 22.
 Antenna. H. J. Loftis. 1,995,152; Mar. 19.
 Antenna. C. W. Renz. 2,020,656; Nov. 12.
 Antenna. C. E. Schuler. 2,008,931; July 23.
 Antenna arrangement, Directional. C. W. Hansell. 2,017,047; Oct. 15.
 Antenna arrangement for the reception of short electrical waves. A. Gothe. 1,996,804; Apr. 9.
 Antenna, Coil. J. P. Buckley. 2,011,968; Aug. 20.
 Antenna coupling. B. D. H. Tellegen. 2,018,331; Oct. 22.
 Antenna coupling system. J. M. Miller. 1,986,641; Jan. 1.
 Antenna for directed rays. R. Bechmann. 2,018,342; Oct. 22.
 Antenna, Radio receiving. A. Bailey and W. T. Winttingham. 1,992,282; Feb. 26.
 Antenna regulator for diversity reception. H. O. Peterson. 2,004,127; June 11.
 Antenna selector. J. B. Moore. 2,004,126; June 11.
 Antenna selector, Successive. H. O. Peterson. 2,004,128; June 11.
 Antenna sleet melting apparatus. E. J. Sterba. 2,008,266; July 16.
 Antenna system. O. Böhm, G. B. Hagen, and H. O. Roosenstein. 1,988,434; Jan. 22.
 Antenna system. M. Latour. 1,987,780; Jan. 15.
 Antenna system, Transmitting wave. A. Bailey, A. E. Harper, and F. H. Willis. 1,992,283; Feb. 26.
 Antenna, Wave. C. E. Schuler. 2,014,784-5; Sept. 17.
 Anthracene derivative and preparing it. W. Eckert and W. Gmelin. 2,011,806; Aug. 20.
 Anthraquinone-acridone imide compounds and their production. A. J. Wuertz. 1,989,904; Feb. 5.
 Anthraquinone derivative. O. M. Bishop and A. J. Wuertz. 2,005,529; June 18.
 Anthraquinone derivative and making same. H. Hauser and M. Bommer. 2,002,264; May 21.
 Anthraquinone derivative and making the same. W. Moser and W. Fiorini. 2,002,247; May 21.
 Anthraquinone derivatives. F. Lodge and C. H. Lumsden. 2,014,810; Sept. 17.
 Anthraquinone derivatives. R. N. Lulek. 2,001,737; May 21.
 Anthraquinone derivatives and making same. H. Hauser and M. Bommer. 1,995,806; Mar. 26.
 Anthraquinone derivatives, Nitrogen containing. K. Weinand, C. Bamberger, and H. Utsch. 2,001,044; May 14.
 Anthraquinone derivatives, Preparing high molecular. R. E. Schmidt and C. Bamberger. 1,994,622; Mar. 19.
 Anthraquinono-2',1',1,2-anthraquinones and preparing them. G. Kränzlein, E. Diefenbach, and M. Corell. 1,999,611; Apr. 30.
 Anthraquinone vat-dyestuffs and making same. M. Utzinger and M. Bommer. 2,026,150; Dec. 31.
 Anthraquinonyl selenoethers. M. A. Perkins. 1,999,998; Apr. 30.
 Anthrathiazole-anthraquinone carbonyl imides and preparing them. R. N. Lulek. 2,001,738; May 21.
 Anthrax antigen preparation and product. J. Reichel and J. E. Schneider. 2,017,606; Oct. 15.
 Antianemic substance and making it. G. B. Walden. 2,020,267; Nov. 5.
 Anticlimbing device. G. D. Alvord. 1,996,894; Apr. 9.
 Anticorrosive solution. F. A. Weibe, Jr. 2,023,755; Dec. 10.
 Antidetonating means. E. Rector. 1,989,113; Jan. 29.
 Antidistortion device. W. Kautter. 1,999,566; Apr. 30.
 Antidrag developing machine and developing film. T. M. Ingman. 1,996,768; Apr. 9.
 Antidapping device for porch curtains. G. A. Phinn. 1,997,912; Apr. 16.
 Antidutter device. F. R. Weymouth. 1,997,285; Apr. 9.
 Antifreeze composition. F. L. Lund. 1,997,735; Apr. 16.
 Antifreeze indicator. G. H. Lecarpentier. 2,002,184; May 21.
 Antifreeze saver. W. E. Walker. 2,021,213; Nov. 19.
 Antifreeze solution. R. W. Cairns. 1,992,469; Feb. 26.
 Antifreeze valve. A. W. Wheaton. 2,008,375; July 16.
 Antifriction apparatus. S. Brantington. 1,994,424; Mar. 12.
 Antifriction bearing. C. A. Adams. 2,023,718; Dec. 10.
 Antifriction bearing. G. R. Bott. 1,996,610; Apr. 2.
 Antifriction bearing. P. Brühl and F. Neugart. 1,988,070; Jan. 15.
 Antifriction bearing. K. L. Herrmann. 2,016,924; Oct. 8.
 Antifriction bearing. K. L. Herrmann and H. Frauenthal. 2,010,362; Aug. 6.
 Antifriction bearings. H. M. Rockwell. 2,017,186; Oct. 15.
 Antifriction bearing. J. M. Roshong. 2,018,421; Oct. 22.
 Antifriction bearing, Self adjustable. H. Marles. 2,018,027; Oct. 22.
 Antifriction bearing unit. M. S. Tyson. 2,015,206; Sept. 24.
 Antifriction device. S. A. Wood. 1,995,728; Mar. 26.
 Antigen and producing it. A. P. Krueger. 2,011,225; Aug. 13.
 Antiglare device. P. M. Hammalian. 2,020,944; Nov. 12.
 Antiglare device. G. Kuhn. 2,021,790; Nov. 19.
 Antiglare device and making it. P. V. Snow. 1,990,143; Feb. 5.
 Antiglare device for automobile headlights. E. Wood. 1,985,966; Jan. 1.
 Antiglare screen. M. E. Koehler. 1,987,259; Jan. 8.
 Anti-jimmy lock. J. F. Skorepa. 2,025,132; Dec. 24.
 Antimony compounds, Manufacture of. W. Kussmaul. 2,007,092; July 2.
 Antimony compounds, Manufacture of new stable. W. Kussmaul. 1,991,283; Feb. 12.
 Antimony trifluoride, Manufacture of. T. Midgley, Jr., A. L. Henne, and R. R. McNary. 2,024,008; Dec. 10.
 Antioxidant. D. Craig. 2,009,480; July 30.
 Antioxidant. W. L. Semon. 2,009,526; July 30.
 Antioxidant. A. W. Sloan. 2,000,044-5; May 7.
 Antioxidant. A. W. Sloan. 2,009,530; July 30.
 Anti-oxidants, Preparing. W. L. Semon. 2,015,696; Oct. 1.
 Antiparasitic system for telegraph signals with electrostatic storing of signals. F. Hennig. 1,997,683; Apr. 16.
 Antipliston slap means. H. P. Phillips. 2,001,544; May 14.
 Antirachitic substances, Producing. A. J. Pacini. 2,015,282; Sept. 24.
 Antirattle device. R. D. Muxworthy. 1,986,744; Jan. 1.
 Antirattler for doors. J. L. Croll and L. F. Lutz. 1,990,775; Feb. 12.
 Antirattling device. H. Golden. 1,986,772; Jan. 1.
 Antirattling device for windows. H. Golden. 2,012,926; Aug. 27.
 Antirobbery receptacle. E. H. Mosler and H. H. Lynn. 2,022,381-2; Nov. 26.
 Antiseptic. J. Ebert. 2,010,512; Aug. 6.
 Antisiphonage device for water closets and like water service systems. W. J. Woolley. 2,004,455; June 11.
 Antiskid attachment for shoes. H. D. Driscoll. 2,022,655; Dec. 3.
 Antiskid cross chain. H. D. Weed. 2,026,151; Dec. 31.
 Antiskid device. E. G. Hallquist. 2,020,943; Nov. 12.
 Antiskid device for apparel shoes. H. G. Gould. 1,995,028; Mar. 19.
 Antiskid device for wheel treads. L. W. Stetson. 2,020,586; Nov. 12.
 Antiskidding device. A. E. Bruffee. 2,006,210; June 25.
 Antislip device. C. J. Goodman. 2,006,802; July 2.
 Antislurring device. O. C. Roosen. 1,986,483; Jan. 1.
 Antisnoring device. W. L. Heath. 2,010,485; Aug. 6.
 Antisqueak body bracket. H. D. Geyer. 2,009,614; July 30.
 Antisqueak strip. R. W. Springer. 2,007,549; July 9.
 Antitampering meter. W. C. Wagner and G. B. Schleicher. 2,002,968; May 28.
 Anti-theft device. W. P. Strickland. 1,991,825; Feb. 19.
 Antithyroid component, Production and concentration of an. F. Blum. 2,024,676; Dec. 17.
 Antivibration apparatus for motor vehicles. T. Lindenberg. 2,016,207; Oct. 1.
 Antivibration device. G. A. Phinn. 1,997,911; Apr. 16.
 Anvil for harvesters. W. J. Borst. 1,997,674; Apr. 16.
 Apparatus. C. C. Prescott. 1,996,589; Apr. 2.
 Apparatus designed to illustrate the laws of economics by physical analogies. J. D. Mooney. 1,989,878; Feb. 5.
 Apparatus for casting joined members. G. C. Clark. 1,994,572; Mar. 19.

- Apparatus for charging, discharging, and turning the material in rotary-hearth furnaces. H. Specketer and L. Hebel. 1,993,688; Mar. 5.
- Apparatus for delivering predetermined quantities of granular or pulverulent material. J. F. Tanner. 1,993,693; Mar. 5.
- Apparatus for determining tearing strength. L. B. Nichols. 1,989,625; Jan. 29.
- Apparatus for forming an article. C. M. Villanyi. 1,989,724-5; Feb. 5.
- Apparatus for forming articles. A. S. Liss. 1,995,357; Mar. 26.
- Apparatus for indicating and/or controlling physical changes. L. de Florez and E. Bach. 1,994,757; Mar. 19.
- Apparatus for measuring periods of time, particularly psycho-physical reaction periods. H. A. Ihde. 1,993,669; Mar. 5.
- Apparatus for mechanically folding over the side flaps of a sheet of dough. J. P. Peters. 2,017,605; Oct. 15.
- Apparatus for mixing fluids. F. W. Stone and J. N. Garrison. 2,019,325; Oct. 29.
- Apparatus for molding sections of an articulated member. G. C. Clark. 1,994,571; Mar. 19.
- Apparatus for play. G. F. Murg. 2,021,741; Nov. 19.
- Apparatus for preventing nuisance in incinerating waste materials. J. W. Van Denburg. 1,995,723; Mar. 26.
- Apparatus for securing registration position of an article. H. C. Jones. 2,000,520; May 7.
- Apparatus for the tailoring trade for reproducing the shape of the body of the customer. E. Sterling. 2,005,399; June 18.
- Apparatus for the treatment of the cooling medium for internal combustion engines. P. B. Weis. 1,994,551; Mar. 19.
- Apparatus for tip gluing paper sheets and the like. W. H. Kushera and F. M. Brackett. 2,024,932; Dec. 17.
- Apparatus for treating human bodies with electrons. A. Brasch. 2,018,599; Oct. 22.
- Apparatus for treating patients by bodily movements. K. Mayer. 2,009,270; July 23.
- Apparatus provided with a protective coating for handling molten metal. H. M. E. Heinicke. 1,995,349; Mar. 26.
- Apparatus with locking device and pressure actuated button for the delivery of products of tobacco and other cylindrical goods. F. Duhan. 1,988,546; Jan. 22.
- Apparel. M. Caridis. 2,008,783; July 23.
- Apparel. B. Liebowitz. 2,020,070; Nov. 5.
- Apparel. Wearing. V. F. Barbaro. 2,009,336; July 23.
- Apple box. W. M. Venau. 2,002,102; May 21.
- Apples for cold packing. Preparing. J. S. Tierney. 2,004,354; June 11.
- Appliance for physical culture or exercise purposes. L. M. Jacks. 2,022,002; Nov. 26.
- Appliance meter. S. S. Green. 2,010,047; Aug. 6.
- Applicator. L. Abbotts. 2,021,397; Nov. 19.
- Applicator. J. S. Blinn. 1,996,897; Apr. 9.
- Applicator. M. T. Brekke. 1,995,733; Mar. 26.
- Applicator. V. C. Grote. 2,023,884; Dec. 10.
- Applicator. W. O. Heaton. 2,002,144; May 21.
- Applicator. J. T. Heflin. 2,009,773; July 30.
- Applicator. E. E. Kallenbach. 1,994,890; Mar. 19.
- Applicator. L. C. Shepherd. 1,999,642; Apr. 30.
- Applicator. C. P. Werner. 1,992,518; Feb. 26.
- Applicator and closure for liquid containers. E. J. Brennan. 2,026,211; Dec. 31.
- Applicator, Automatic. J. C. Smith. 2,017,924; Oct. 22.
- Applicator cap. J. J. Pahls. 2,002,752; May 28.
- Applicator, Cervical. J. S. Heintz and S. Naikelis. 1,991,278; Feb. 12.
- Applicator container. R. J. Cabrera. 2,022,075; Nov. 26.
- Applicator for floor wax, oils, varnishes, paints, and the like. W. J. Tillack. 1,995,592; Mar. 26.
- Applicator for liquids. A. H. Wood, Jr. 2,002,598; May 28.
- Applicator for mouth suction. M. F. Treadwell. 1,986,988; Jan. 8.
- Applicator for varnish, polish, and the like, Hand. E. R. Erickson. 2,011,214; Aug. 13.
- Applicator roll. J. Kirsch. 2,004,576; June 11.
- Apron, Anesthesia. J. B. Lazare. 2,005,294; June 18.
- Apron, Bib. M. A. Medalie. 1,991,025; Feb. 12.
- Apron for cultivator shovels. F. L. Bakener. 2,025,844; Dec. 31.
- Apron for turkeys. Breeding saddle. A. J. Cook. 1,987,818; Jan. 15.
- Apron taper, Automatic. C. D. McCarthy. 2,012,014; Aug. 20.
- Aquarium. H. J. Kelly. 1,991,683; Feb. 19.
- Aquarium. A. C. Schoepfer. 1,986,018; Jan. 1.
- Aquarium. W. Schorr. 2,016,123; Oct. 1.
- Aquarium air supply. J. B. Maris. 2,008,363; July 16.
- Aquarium, Combination. A. W. Krieger. 2,000,451; May 7.
- Aquarium for aquatic animals, Transporting. A. S. Haislip. 1,991,149; Feb. 12.
- Aquatic amusement device. H. L. Bertram. 2,011,209; Aug. 13.
- Aqueous dispersions of bituminous or other water repellant materials, Manufacture of. A. G. Terrey, L. G. Gabriel, and J. F. T. Blott. 2,009,821; July 30.
- Aqueous solutions of basic organic dyestuffs and sulphonated dyestuffs and preparing them, Stable. L. Benda. 1,999,750; Apr. 30.
- Aralkyl trithiocarbonates. R. W. Hess. 2,021,726; Nov. 19.
- Arbor, Winding. R. E. Morrisey. 2,024,178; Dec. 17.
- Arc back relay. D. E. Marshall and D. Silverman. 2,008,399; July 16.
- Arc commutator. R. Mitsuda. 1,997,831; Apr. 16.
- Arc controlling structure. H. C. Graves, Jr. 1,997,772; Apr. 16.
- Arc controlling structure, Detachable. O. Jensen and K. Falck. 1,996,112; Apr. 2.
- Arc extinguishing device. A. McL. Jackson. 2,022,962; Dec. 3.
- Arc lamp. H. J. Brunk. 2,003,104; May 28.
- Arc lamp. H. J. Brunk and F. F. Doerrich. 1,992,650; Feb. 26.
- Arc lamp. C. T. Crocker. 1,995,144; Mar. 19.
- Arc lamp. E. C. Richardson. 2,002,549; May 28.
- Arc lamp. J. H. Wagenhorst. 2,024,318; Dec. 17.
- Arc lamp for the generation of ultra-violet radiations, Open electric. M. Volmer. 2,004,650; June 11.
- Arc lamp projector. J. Kiefer. 2,000,760; May 7.
- Arc striking control. R. K. Hopkins. 2,022,084; Nov. 26.
- Arc transferring means. J. Y. Blazek and R. G. Anderson. 2,019,042; Oct. 29.
- Arc welding. J. H. Cooper. 1,992,859; Feb. 26.
- Arc welding generator. W. K. Harding. 2,000,699; May 7.
- Arc-welding machine. R. K. Hopkins. 2,019,970-1; Nov. 5.
- Arc-welding machine. R. Notvest. 2,014,813; Sept. 17.
- Arc wheel machine. A. P. Steiner. 2,015,415; Sept. 24.
- Arch and ankle support. J. J. Cartledge. 2,010,749; Aug. 6.
- Arch construction. L. Davidson. 2,021,480; Nov. 19.
- Arch construction for women's shoes. H. Gordon. 2,021,650; Nov. 19.
- Arch, Protected metallic. A. F. Hall. 1,987,738; Jan. 15.
- Arch, Staggered-segment. W. E. Wilson. 2,013,820; Sept. 10.
- Arch support. H. H. Barrett. 1,992,853; Feb. 26.
- Arch support. J. A. Brogan. 1,991,444; Feb. 19.
- Arch support. J. C. Howell. 2,012,311; Aug. 27.
- Arch support. A. Kushinsky. 2,001,203; May 14.
- Arch support. M. Lobel. 2,022,247; Nov. 26.
- Arch support. E. Lyss and A. F. Treviño. 1,999,507; Apr. 30.
- Arch support. C. J. Rateike. 1,990,956; Feb. 12.
- Arch support. L. A. Reardon. 1,997,118; Apr. 9.
- Arch support. L. Rosenthal. 2,021,467; Nov. 19.
- Arch supporter. G. F. Madinger. 1,992,081; Feb. 19.
- Arch supporting sole unit. F. G. Delbon. 1,985,919; Jan. 1.
- Arch supports, Making. E. J. Milner. 1,992,439; Feb. 26.
- Arcograph. F. N. Johnson. 2,006,769; July 2.
- Area measuring machine. G. T. Hart, Jr., and E. E. Winkley. 2,002,574; May 28.
- Area measuring machine. G. A. Schettler. 1,987,805; Jan. 15.
- Area measuring machine. E. E. Winkley and G. T. Hart, Jr. 2,015,738; Oct. 1.
- Argento-chrome tetramethylthionin and process of manufacture. D. J. Block. 2,014,519; Sept. 17.
- Argillaceous material, Treatment of. P. McMichael. 1,999,773; Apr. 30.
- Arithmetic objectively, Apparatus for teaching. W. C. Holiday. 1,997,177; Apr. 9.
- Arithmetic teaching device. J. B. Fisher. 1,992,366; Feb. 26.
- Arm and pump, Combined. L. L. Schauer. 1,994,040; Mar. 12.
- Arm, Artificial. F. E. Wheeler and W. H. Emberton. 1,989,960; Feb. 5.
- Armrest for gliders. C. E. Friesner. 1,995,739; Mar. 26.
- Arm rest, inside door, handle and pull-to, Combined. H. L. Blood. 2,026,016; Dec. 31.
- Arm rest, Portable. R. R. Davies and C. C. Gebron. 2,006,883; July 2.
- Armature and method of manufacture. A. W. Phelps. 1,991,696; Feb. 19.
- Armature coil. C. F. Jenkins. 2,008,451; July 16.
- Armature coil positioning device. H. L. Whitfield. 2,008,268; July 16.
- Armature for small electric generators, Stationary. A. Vaucher. 1,990,678; Feb. 12.
- Armature leads, Preventing breakage of. F. W. McCloskey. 1,991,057; Feb. 12.
- Armature mold. V. G. Apple. 2,019,064; Oct. 29.
- Armature winding apparatus. L. C. Shippy and L. G. Malone. 1,986,373; Jan. 1.
- Armature winding machine. F. A. Baldwin. 2,003,169; May 28.
- Armature winding machine. J. Q. Holmes. 1,987,190; Jan. 8.
- Armature winding machine. J. L. McNeill. 2,007,830; July 9.
- Armature winding machine. R. L. Probst. 1,994,254; Mar. 12.
- Armatures of dynamo electric machines, Drum-wound. J. Zetsche. 2,012,368; Aug. 27.
- Armor for armored cables and flexible conduits, Flexible. G. E. Phillips. 1,987,794; Jan. 15.
- Armor plate. F. Rittershausen. 1,987,841; Jan. 15.
- Armor plate. R. J. Sullivan. 1,995,484; Mar. 26.
- Armor plates, Producing. J. J. Stone. 2,010,650; Aug. 6.
- Aromatic amines, Alkylation of. F. W. Carleton and J. D. Woodward. 1,994,851; Mar. 19.

- Aromatic amines of the benzene and naphthalene series, N-alkylating. P. W. Carleton and J. D. Woodward. 1,994,852; Mar. 19.
- Aromatic amines, Preparing. F. H. McBerty and K. C. Simon. 2,020,368; Nov. 12.
- Aromatic bodies, Alkylation of. R. M. Isham. 2,014,766; Sept. 17.
- Aromatic compounds, Bromination of. J. H. Sachs and F. W. Peck. 2,013,791; Sept. 10.
- Aromatic compounds, Chlorination of. J. Mueller. 1,997,226; Apr. 9.
- Aromatic derivatives, Manufacture of tertiary-alkyl-substituted. R. P. Perkins, A. J. Dietzler, and J. T. Lundquist. 1,991,332; Feb. 12.
- Aromatic selenium compounds, Manufacture of. A. J. Wuerzt, D. P. Graham, and M. A. Perkins. 1,991,646; Feb. 19.
- Aroylamino anthraquinone acridone derivatives. F. Baumann. 2,017,936; Oct. 22.
- Arrangement for starting flight requiring no gliding. H. Nishi. 2,014,051; Sept. 10.
- Arrow. L. Tengel. 1,999,601; Apr. 30.
- Arrow for archery. R. H. Cowdery. 1,989,847; Feb. 5.
- Arrow release device for bows in archery, Safety. G. Flury. 2,000,015; May 7.
- Arsenic compound, Organic. K. Streitwolf, A. Fehrlie, and H. Oesterlin. 1,988,758; Jan. 22.
- Arsenites and producing same, Polyglycol. D. R. Merrill. 1,988,176; Jan. 15.
- Article. E. E. Franz. 2,014,524; Sept. 17.
- Article and material containing organic derivatives of cellulose. J. H. Brown. 2,025,568; Dec. 24.
- Article and method by which "Ben Day" tones are photographically produced. F. E. Marsh and C. H. Andersen. 2,019,500; Nov. 5.
- Article and method by which "Ben Day" tones are photographically produced. F. E. Marsh and C. H. Andersen. 2,021,191; Nov. 19.
- Article and method of treating reclaimed silk. I. Davis. 1,988,375; Jan. 15.
- Article and non-slip supporting means therefor and producing and assembling the same. S. Lewis. 2,018,271; Oct. 22.
- Article-attaching machine. J. Vollman. 1,999,145; Apr. 23.
- Article comprising a continuous length of rubber, Making an. W. A. Gibbons and E. G. Sturdevant. 1,986,106; Jan. 1.
- Article containing and dispensing device. O. Fischer and M. E. Bernhardt. 1,986,259; Jan. 1.
- Article conveying and distributing apparatus. J. J. White. 2,008,572; July 16.
- Article conveying mechanism. C. E. McCoy. 2,005,589; June 18.
- Article ejecting device for wrapping machines. F. Farmer and H. Andersen. 2,006,711; July 2.
- Article feeding and stacking machine. J. Van Buren. 1,995,161; Mar. 19.
- Article-feeding mechanism. J. H. Mosley and C. I. Braren. 1,998,842; Apr. 23.
- Article handling machine. W. D. Kimball. 1,990,549; Feb. 12.
- Article holder. W. H. Inman. 2,004,326; June 11.
- Article holder. P. V. Reinsberg. 2,010,962; Aug. 13.
- Article holder. C. L. Woolsey. 1,991,306; Feb. 12.
- Article made from synthetic resins, rubber, and other like moldable substances. A. G. Rendall. 2,020,214; Nov. 5.
- Article of apparel such as collars, and making same. F. R. Redman. 2,009,139; July 23.
- Article of ceramic bonded granular material, Porous. W. L. Howe. 2,007,052; July 2.
- Article of furniture. A. D. Fuller. 2,010,855; Aug. 13.
- Article of furniture, Convertible. E. E. Nock, Jr. 2,022,603; Nov. 26.
- Article of furniture, Folding. O. Kayser. 1,994,952; Mar. 19.
- Article of manufacture. W. W. Spaninger and E. P. Kastien. 2,020,006; Nov. 5.
- Article of manufacture. E. A. Toohey. 2,005,304; June 18.
- Article of manufacture. W. E. Wread. 1,994,976; Mar. 19.
- Article of manufacture. J. F. Zielinski. 2,021,278; Nov. 19.
- Article of manufacture and making same, Semifinished. J. L. Osmer. 2,009,855; July 30.
- Article of manufacture and making the same. P. D. Cannon. 2,025,039; Dec. 24.
- Article of manufacture and making the same. F. L. Hess. 2,025,052; Dec. 24.
- Article of manufacture and preparation thereof. F. H. Manchester. 2,021,371; Nov. 19.
- Article package. J. J. Reinhold. 1,995,864; Mar. 26.
- Article retaining device. F. W. Dittman. 1,989,000; Jan. 22.
- Article spinning device. E. F. Mechlin. 2,009,629; July 30.
- Article supporting device. B. F. Bower. 2,018,395; Oct. 22.
- Article suspending rack. E. W. Schwender. 1,996,552; Apr. 2.
- Article transferring mechanism. I. C. Buckminster. 2,001,814; May 21.
- Articles, Apparatus for arranging. M. Schnaier. 2,003,519; June 4.
- Articles, Apparatus for arranging and feeding irregular shaped. D. L. Jordan. 2,002,147; May 21.
- Articles, Apparatus for forming. K. F. Moller. 2,002,705; May 28.
- Articles, Apparatus for gauging and adjusting. A. W. Schoof. 2,002,679; May 28.
- Articles, Cleaning. E. W. Lape, Jr. 2,011,107; Aug. 13.
- Articles, Coating. A. S. Johnson. 1,987,829; Jan. 15.
- Articles, Covering. L. J. Bazzoni. 2,015,656; Oct. 1.
- Articles, Decorating. J. Birnholz. 2,015,659; Oct. 1.
- Articles, Decorating. K. Eichstädt. 2,015,664; Oct. 1.
- Articles during a tumbling operation, Method and apparatus for protecting. C. L. Jones. 2,003,306; July 16.
- Articles from aqueous rubber dispersions, Manufacture of. M. E. Hansen, A. Szegvari, and H. A. Morton. 2,006,862; July 2.
- Articles from fibers and the product thereof, Producing. K. H. Bowen. 2,010,475; Aug. 6.
- Articles from latex, Manufacturing. W. J. Dean. 1,995,767; Mar. 26.
- Articles from pump material, Molding. A. C. Gough. 2,015,426; Sept. 24.
- Articles from the outside to the inside of an enclosure, Apparatus for transferring. H. W. Clausen. 1,991,050; Feb. 12.
- Articles from wire or the like, Method and apparatus for forming. G. H. Leland. 1,993,484; Mar. 5.
- Articles having a multicolor finish, Production of. F. Nowak. 2,021,820; Nov. 19.
- Articles having curved surfaces, Apparatus for stamping. C. A. H. Mulder. 1,992,037; Feb. 19.
- Articles, Internally coating hollow. E. L. Bailey and W. J. McCortney. 1,997,761; Apr. 16.
- Articles, Manufacturing and packaging. M. Schnaier. 2,003,516; June 4.
- Articles, Method and apparatus for bundling and packaging. B. H. Metternich. 2,026,284; Dec. 31.
- Articles, Method of and apparatus for cooling heated. A. Ziska. 2,009,073; July 23.
- Articles, Method of coating. A. C. Simmons. 2,008,879; July 23.
- Articles, Molding. J. C. Ford. 2,025,029; Dec. 24.
- Articles, Molding. W. S. Hopkin. 2,010,669; Aug. 6.
- Articles, Molding. G. E. Seil. 1,995,947; Mar. 26.
- Articles of bonded granules, Method and apparatus for manufacturing. R. C. Benner, P. H. Walker and W. G. Soley. 2,003,131; May 28.
- Articles of ceramic bonded granular material, Making porous. W. L. Howe. 2,007,053; July 2.
- Articles of curvilinear form, Method and apparatus for weaving. F. J. MacDonald. 1,998,815; Apr. 23.
- Articles of manufacture and a blank for use in the same, Identifying. H. M. Shedd. 1,992,779; Feb. 26.
- Articles of or containing rubber or similar material, Manufacture of. A. S. King. 1,996,072; Apr. 2.
- Articles of or containing rubber or similar material, Manufacture of. E. A. Murphy. 1,996,079; Apr. 2.
- Articles of plastic material, Method and mechanism for forming. I. Elliott. 2,001,243; May 14.
- Articles of polygonal cross-section, Making. R. L. Wilcox. 2,006,852; July 2.
- Articles of wood, Method and apparatus for dovetailing. C. P. Aspelund. 2,016,620; Oct. 8.
- Articles of wood such as spools and bobbins, Treating. L. M. Cotchett. 2,020,172; Nov. 5.
- Articles, Tacking. H. Corral. 2,019,294; Oct. 29.
- Articles through treating liquids, Apparatus for handling. J. W. Houche and G. M. Dye. 2,004,410; June 11.
- Articles, Transporting. F. Ditchfield. 2,005,823; June 25.
- Articles which must have a reduced tendency to rust. K. Carius. 2,013,600; Sept. 3.
- Articles, Wrapping of. C. Tredget. 1,999,431; Apr. 30.
- Articulated joint. A. Wallace. 2,013,546; Sept. 3.
- Articulator. G. J. Keller. 2,017,502; Oct. 15.
- Artificial compound of a polyvinyl alcohol aldehyde condensation product, New celluloid like. F. Schmidt. 1,996,216; Apr. 2.
- Artificial illumination, Automatic control. W. R. King. 2,012,821; Aug. 27.
- Artificial lure. W. Peterson. 1,993,798; Mar. 12.
- Artificial mass. L. Kollek. 1,987,114; Jan. 8.
- Artificial mass and making same. H. Hönel. 1,988,353-6; Jan. 15.
- Artificial masses and preparing them. A. Voss and E. Dickhauser. 2,012,177; Aug. 20.
- Artificial materials, Manufacture of. L. Lillienfeld. 1,991,810; Feb. 19.
- Artificial materials, Manufacture of. L. Lillienfeld. 2,004,875; June 11.
- Artificial materials, Manufacture of. L. Lillienfeld. 2,021,862-3; Nov. 19.
- Artificial products, Manufacture of. W. Bauer. 2,021,763; Nov. 19.
- Artificial products of dry spinning, Production of. H. Dreyfus. 1,996,102; Apr. 2.
- Artificial products of regenerated cellulose. H. Mahn, H. Meyer and H. Pfannenstiel. 2,002,822; May 28.
- Artificial products, Production of. H. Dreyfus. 2,004,272; June 11.
- Artificial structure and making same, Regenerated. L. Lillienfeld. 2,021,861; Nov. 19.
- Artificial structures, Manufacture of shaped. L. Lillienfeld. 2,021,864; Nov. 19.
- Artillery wheel. C. L. Eksbergian. 1,997,544; Apr. 9.

- Arylamide and its production. H. A. Lubs, E. F. Hitch, and M. A. Dahlen. 2,025,116; Dec. 24.
- Arylamino-hydroxybenzene and preparing it. L. Laska, O. Haller, and A. Werdermann. 2,013,182; Sept. 3.
- Arylamino substituted 1, 4, 5, 8-naphthoylene-di-(arylimidazole) condensation products. W. Eckert and O. Braunsdorf. 2,026,026; Dec. 31.
- Arylide of pyrazalone-carboxylic acids and making same. G. Bonhöte and M. Schmid. 1,991,313; Feb. 12.
- Arylides of 4-hydroxy-diphenyl-3-carboxylic acid. O. Haller and H. Morschel. 2,025,587; Dec. 24.
- Arylisothiazolones and making same. N. Steiger and F. Schulte. 2,020,622; Nov. 12.
- Aryl-ketones and phenol esters, Preparation of. S. Skraup. 1,995,402; Mar. 26.
- Aryl magnesium chloride, Preparation of. E. C. Britton and H. R. Slagb. 1,996,746; Apr. 9.
- Aryl mercuric heterocyclic carboxylates. C. N. Andersen. 2,022,997; Dec. 3.
- Asbestos-cement composition material and the like, Coloring sheeted. K. Sticha. 2,007,411; July 9.
- Asbestos cement sheets, tiles, and the like, Production of. E. R. Harrap. 2,019,852; Nov. 5.
- Asbestos product, Felted. W. D. Pardoe. 2,000,416; May 7.
- Asbestos sheeting, Making corrugated. E. A. Toohey and J. C. Kershaw. 2,015,416; Sept. 24.
- Aseptic pack. H. A. Pringle. 2,023,289; Dec. 3.
- Ash disposal apparatus. R. A. Foresman. 2,016,323; Oct. 8.
- Ash disposal system. J. S. Bennett. 2,013,680; Sept. 10.
- Ash dust eliminator. G. Z. Sill. 2,015,971; Oct. 1.
- Ash-forming components from crude petroleum oil, Removing. R. T. Goodwin. 2,009,710; July 30.
- Ash holder. A. S. Guckenheimer. 2,026,169; Dec. 31.
- Ash mixing and moistening device. E. B. Tolman, Jr. 2,018,156; Oct. 22.
- Ash receiver. C. E. Berg. 2,019,388; Oct. 29.
- Ash receiver. R. F. De Boer. 2,000,275; May 7.
- Ash receiver. G. H. Dufour. 2,011,619; Aug. 20.
- Ash receiver. A. C. Grunwald. 2,021,723; Nov. 19.
- Ash receiver. E. R. Marbach. 1,989,938; Feb. 5.
- Ash receiver. K. Rettich. 2,016,560; Oct. 8.
- Ash receiver. W. von Nessen. 1,989,896; Feb. 5.
- Ash receiver, Dustless. H. L. McConaughy. 2,013,498; Sept. 3.
- Ash receptacle. A. M. Jacobs. 1,988,736; Jan. 22.
- Ash receptacle. A. F. A. King. 1,988,318; Jan. 15.
- Ash spraying device. T. Lombardi. 2,016,928; Oct. 8.
- Ash tray holder. T. A. Feuerstein. 2,017,592; Oct. 15.
- Asphalt. U. B. Bray. 1,988,714; Jan. 22.
- Asphalt and asphaltlike substances from acid resins and acid tar, Obtaining. P. W. Kunze. 2,016,721; Oct. 8.
- Asphalt and preparing same. F. J. Skowronski. 1,993,532; Mar. 5.
- Asphalt and producing same. U. B. Bray and L. N. Beckwith. 1,988,715; Jan. 22.
- Asphalt and product thereof, Manufacturing. A. A. Wells. 2,010,423; Aug. 6.
- Asphalt coating material and producing same. W. A. Craig and F. E. Griffith. 1,997,569; Apr. 16.
- Asphalt emulsion. A. L. Halvorsen. 1,995,346; Mar. 26.
- Asphalt emulsions. H. M. Steininger. 1,988,879; Jan. 22.
- Asphalt from soap-containing asphaltic petroleum residuum, Producing purified. H. F. Angstadt. 2,013,619; Sept. 3.
- Asphalt, Making. E. B. McConnell. 2,002,670; May 28.
- Asphalt, Manufacture of. F. S. Dengler, E. W. Gardner, and D. H. Felder. 2,024,096; Dec. 10.
- Asphalt, Oxidizing. E. W. Gard and B. G. Aldridge. 1,999,018; Apr. 23.
- Asphalt particles, Process and apparatus for producing. J. S. Downard. 2,006,586; July 2.
- Asphalt, Process and apparatus for manufacturing small particles of. J. S. Downard. 2,006,585; July 2.
- Asphalt, Process and apparatus for producing. B. G. Aldridge. 1,988,766; Jan. 22.
- Asphalt, Producing. J. C. Morrell. 2,004,210; June 11.
- Asphalt terrazzo composition and laying the same. J. Salvi and G. S. Cuning. 2,014,700; Sept. 17.
- Asphalt to duplicate rapid setting coal tars. C. M. Baskin. 2,025,709; Dec. 31.
- Asphalt to remove unsaturated compounds therefrom, Treatment of. G. R. Hoover. 2,026,039; Dec. 31.
- Asphalt, Treating. J. A. Withee. 1,986,871; Jan. 8.
- Asphalt, Treatment of. C. D. Lowry, Jr. 1,997,261; Apr. 9.
- Asphaltic coating composition and material coated therewith. H. J. Barrett. 1,995,957; Mar. 26.
- Asphaltic products from aromatic extracts of mineral oils, Production of. L. Allan. 1,990,466; Feb. 12.
- Assembler mechanism for type setting machines. E. C. Lyons. 1,989,143; Jan. 29.
- Assembling machine. H. E. Edwards. 2,006,071; June 25.
- Assembling machine. R. R. Guempel. 1,996,415; Apr. 2.
- Assembling machine. H. R. Tear. 2,007,698; July 9.
- Assembling machine. E. Wickman. 2,021,584; Nov. 19.
- Assembling machine for pail ears. L. Burckle. 2,007,070; July 2.
- Assembling machine for thin metal sheets. J. Christie and N. B. Green. 1,991,138; Feb. 12.
- Asymmetric conductor. J. A. Becker. 1,994,632; Mar. 19.
- Atomizer. J. E. Konkin. 2,004,402; June 11.
- Atomizer. C. C. Daggett. 2,016,544; Oct. 8.
- Atomizer. A. Klotzman. 2,009,932; July 30.
- Atomizer. R. F. Massa. 1,998,901; Apr. 23.
- Atomizer. E. H. Peabody. 2,012,139; Aug. 20.
- Atomizer. F. Stephan. 2,012,146; Aug. 20.
- Atomizer. D. I. Stone and D. Greenberg. 1,994,407; Mar. 12.
- Atomizer. J. L. Taylor. 2,003,813; June 4.
- Atomizer. E. O. White. 2,026,369; Dec. 31.
- Atomizer and gas mixer, Rotary. J. D. Ross. 2,015,871; Oct. 1.
- Atomizer control. J. B. Schmitt. 1,991,961; Feb. 19.
- Atomizer, Liquid. H. Wettstein. 1,988,885; Jan. 22.
- Atomizer, Oil engine. J. L. Taylor. 2,003,814; June 4.
- Atomizer, Steam pressure. A. Janesick. 2,004,371; June 11.
- Atomizers for internal combustion engines, Liquid fuel. E. F. Veglio. 2,020,666; Nov. 12.
- Atomizing device. A. J. Adams. 1,992,851; Feb. 26.
- Atomizing device. R. E. Dellling. 2,001,817; May 21.
- Atomizing device. O. Seizer. 1,987,248; Jan. 8.
- Attached automobile jack. E. C. Duman. 1,988,304; Jan. 15.
- Attaching machine. L. N. Hayden. 2,015,033; Sept. 17.
- Attaching means for infatatable articles. J. Jacobs. 2,008,552; July 16.
- Attaching means for removable dental bridges. E. F. Meier. 2,015,644; Sept. 24.
- Attaching plug. R. Eckstein and M. Polis. 2,015,421; Sept. 24.
- Attachment for copy holding line indicating machines. G. S. Smith. 2,025,313; Dec. 24.
- Attachment for display signs on a spare tire, Removable. R. Lancelot. 2,013,000; Sept. 3.
- Attachment for reloading tools. E. E. Hess. 2,016,676; Oct. 8.
- Attachment for tractor plows. J. L. Travers. 2,024,736; Dec. 17.
- Attachment plug. C. H. Gunthorp. 1,988,489; Jan. 22.
- Attachment plug receptacle. A. C. Gaynor. 2,013,142; Sept. 3.
- Attachment plug receptacle. H. E. Slade and J. Gehring. 1,989,890; Feb. 5.
- Attachment plug receptacle. H. K. Wack. 1,986,652; Jan. 1.
- Attachment to a hair clipper. V. L. Maleev. 2,013,279; Sept. 3.
- Attendance register. C. L. Russell. 1,998,027; Apr. 16.
- Attention attracting device. H. J. Hetrick. 2,012,390; Aug. 27.
- Attenuation equalizer. E. L. Norton. 2,019,624; Nov. 5.
- Attenuator, Variable. G. C. de Coutouly. 2,014,228; Sept. 10.
- Attrition mill. D. B. McLaughlin. 2,013,246; Sept. 3.
- Audible signal. L. L. Vasold. 2,011,957; Aug. 20.
- Audience seat. J. H. Adamson. 2,007,735; July 9.
- Audio reproducer. R. H. Holmes. 1,997,408; Apr. 9.
- Audio tube construction. A. S. Hopping. 2,006,807; July 2.
- Audio tubes, Apparatus for testing. P. F. Jackson. 2,012,045; Aug. 20.
- Audiphone for deaf mutes. Y. Hoshino and I. Ogushi. 2,018,262; Oct. 22.
- Auger. F. O. Prior. 1,997,887; Apr. 16.
- Auger, Boring and dumping. H. E. Satre. 1,997,313; Apr. 9.
- Auger, Earth. J. L. Byrne. 2,021,982; Nov. 26.
- Auto-aeroplane. D. Vierli. 1,998,148; Apr. 16.
- Auto license frame, Self-holding. P. Hudson. 1,995,894; Mar. 26.
- Auto locking device. F. Spell. 2,009,862; July 30.
- Auto top material and the like. E. T. Croasdale and R. Morgan. 1,987,605; Jan. 15.
- Auto turn signal. T. W. C. Ruby. 2,011,985; Aug. 20.
- Autoette. J. V. Martin. 1,989,995; Feb. 5.
- Autographic and calculating device for registering instruments. R. E. Paris. 1,991,515; Feb. 19.
- Autographic register. L. F. Hagemann. 2,003,999; June 4.
- Autographic register. L. Jensen. 1,990,286; Feb. 5.
- Automatic accelerating clutch. L. L. Nakashian. 1,994,588; Mar. 19.
- Automatic accepting and rejecting apparatus. L. Meharg. 2,007,059; July 2.
- Automatic arc lamp, High intensity multiple. F. A. Berg. 2,003,675; June 4.
- Automatic burner. F. A. Wegener. 1,997,281; Apr. 9.
- Automatic clutch. K. E. Lyman. 2,001,931; May 21.
- Automatic clutch. K. E. Lyman. 2,023,690; Dec. 10.
- Automatic clutch. H. Nutt. 1,997,264-5; Apr. 9.
- Automatic clutch. E. A. Rockwell and E. V. J. Tower. 1,993,123; Mar. 5.
- Automatic clutch. B. A. Swennes and K. Miller. 2,018,101; Oct. 22.
- Automatic clutch. H. H. Vail. 2,003,322-3; June 4.
- Automatic clutch, Multiple drive. A. J. Kohlbeck. 2,013,889; Sept. 10.
- Automatic, continuously variable gear. E. Rafting. 1,991,820; Feb. 19.
- Automatic controlling valve. A. V. Bedford and D. C. Hoffmann. 1,990,517; Feb. 12.
- Automatic device for closing the cage and well gates of lifts and the like. G. Wechsler. 2,018,753; Oct. 29.
- Automatic flush valve. J. A. Svejda. 1,987,843; Jan. 15.
- Automatic friction clutch. A. S. Bosma. 2,024,677; Dec. 17.

- Automatic friction clutch. E. V. J. Tower. 1,995,406; Mar. 26.
- Automatic fuel valve. M. Skoolvet. 1,990,714; Feb. 12.
- Automatic furnace. H. A. Grine, J. G. Reid, and H. A. Wagner. 2,022,716; Dec. 3.
- Automatic gain control. T. A. Smith. 1,999,668; Apr. 30.
- Automatic gate. E. L. Roper. 2,024,063; Dec. 10.
- Automatic gate. W. S. Snelgrove. 1,987,031; Jan. 8.
- Automatic intermittent switch. L. A. Ramsden. 1,990,566; Feb. 12.
- Automatic light signal. J. Ehrets. 2,019,956; Nov. 5.
- Automatic loom. H. D. Johnson, Jr., and W. T. Sullivan. 2,017,065; Oct. 15.
- Automatic loom. E. E. Talbot. 1,989,067; Jan. 22.
- Automatic lubricator. H. L. Hamilton. 1,987,619; Jan. 15.
- Automatic machine. W. W. Oslund. 1,998,093; Apr. 16.
- Automatic machine. F. Schulte. 1,995,229; Mar. 19.
- Automatic machine for the manufacture of bottles and of other glass articles. E. Féchoz. 2,020,462; Nov. 12.
- Automatic machine tool. J. C. Drader. 1,989,792; Feb. 5.
- Automatic means for counteracting nose dives in aeroplanes. M. M. Weiss. 2,015,047; Sept. 17.
- Automatic network protector. J. S. Parsons. 1,997,697; Apr. 16.
- Automatic packing. E. R. Roy. 1,992,967; Mar. 5.
- Automatic parking meter. R. W. Babson. 2,006,619; July 2.
- Automatic reduction gear. T. F. Rainsford. 2,022,689; Dec. 3.
- Automatic reeling machine. I. Kowada. 1,994,106; Mar. 12.
- Automatic regulating valve. P. Spence. 1,987,032; Jan. 8.
- Automatic reverse brake. C. A. Matson. 2,008,140; July 16.
- Automatic safety signal. C. H. Diehl. 1,995,297; Mar. 26.
- Automatic series cut-out switch. J. L. Shea. 1,998,335; Apr. 16.
- Automatic shut-off valve. A. E. Hutt. 2,013,999; Sept. 10.
- Automatic socket wrench. A. Pearson. 1,997,948; Apr. 16.
- Automatic starting gate. A. J. Fihe. 2,012,186; Aug. 20.
- Automatic step-by-step switch. R. Nebelung. 2,018,864; Oct. 29.
- Automatic stop valve. R. I. Bodenlos. 1,995,052; Mar. 19.
- Automatic trolling hook. J. Boyko. 1,994,168; Mar. 12.
- Automatic underfeed furnace. C. D. Gilpin. 2,020,026; Nov. 5.
- Automatic valve. W. A. McLean. 2,013,316; Sept. 3.
- Automatically closing receptacle. C. M. D. Wood. 1,995,372; Mar. 26.
- Automatically operated heater. E. S. Kant. 1,989,169; Jan. 29.
- Automobile. W. J. Davis. 2,010,350; Aug. 6.
- Automobile. J. V. Martin. 2,010,368; Aug. 6.
- Automobile. W. J. Muller. 2,008,724; July 23.
- Automobile. W. B. Stout. 1,988,671; Jan. 22.
- Automobile. W. B. Stout. 2,000,360; May 7.
- Automobile attachment. F. W. McMackin. 2,015,315; Sept. 24.
- Automobile bodies, Ventilating the interior. J. M. Bondbright. 2,001,763; May 21.
- Automobile body. J. P. Tarbox. 1,995,871; Mar. 26.
- Automobile body construction. A. P. Ball. 2,019,110; Oct. 29.
- Automobile body construction. D. G. Hall, Jr. 2,022,344; Nov. 26.
- Automobile body construction. W. P. Wagner. 1,988,346; Jan. 15.
- Automobile body, Convertible. H. L. Lindemann. 1,990,436; Feb. 5.
- Automobile body protector. J. King. 2,022,421; Nov. 26.
- Automobile body structure. D. E. Austin. 1,991,535; Feb. 19.
- Automobile brake. E. D. Brown. 2,007,593; July 9.
- Automobile brake. W. H. Delahaye. 2,015,713; Oct. 1.
- Automobile-car. R. C. Pierce. 2,009,149; July 23.
- Automobile centering means. F. Nielsen. 2,010,462; Aug. 6.
- Automobile chassis construction. H. Ford. 2,020,054; Nov. 5.
- Automobile chassis frame. F. J. Matthaei. 2,009,963; July 30.
- Automobile construction. C. R. Roche. 2,014,670; Sept. 17.
- Automobile control device. J. L. Edelen. 2,009,131; July 23.
- Automobile control device. H. E. Hull. 2,005,745; June 25.
- Automobile control mechanism. J. Bellis. 1,986,461; Jan. 1.
- Automobile control mechanism. E. H. Lange. 2,016,864; Oct. 8.
- Automobile control system. L. H. Middleton. 1,993,070; Mar. 5.
- Automobile doorlock. H. Williams. 2,001,443; May 14.
- Automobile door or body and window construction. T. W. Holt and J. F. Levan. 1,997,865; Apr. 16.
- Automobile door or body and window construction. T. W. Holt and J. F. Levan. 2,024,765; Dec. 17.
- Automobile foot-rail and umbrella receptacle, Combined. E. Daniele. 2,020,459; Nov. 12.
- Automobile frames, Manufacture of. F. C. Matthaei. 1,992,710; Feb. 26.
- Automobile generator control. A. C. Senger. 1,994,370; Mar. 12.
- Automobile heater. R. W. Angstman. 1,999,349; Apr. 30.
- Automobile heater. F. W. Barhoff. 2,019,646; Nov. 5.
- Automobile heater. W. R. and A. E. Beck, and C. Krombie. 1,989,163; Jan. 29.
- Automobile heater. H. J. Findley. 2,012,745; Aug. 27.
- Automobile heater. C. A. Harrison and G. W. Gerstung. 2,011,856; Aug. 20.
- Automobile heater. L. C. Hyatt. 2,024,364; Dec. 17.
- Automobile heater. W. Karsel. 2,010,920; Aug. 13.
- Automobile heater. W. Karsel and C. W. Taylor. 2,004,993; June 18.
- Automobile heater. J. H. Lonskey. 2,022,292; Nov. 26.
- Automobile heater. M. J. Marty and R. H. Hausse. 2,015,231; Sept. 24.
- Automobile heater. J. J. Sunday. 1,998,974; Apr. 23.
- Automobile heater. G. W. Veale. 1,999,603; Apr. 30.
- Automobile heater. A. M. Warren. 2,020,747; Nov. 12.
- Automobile heating and ventilating apparatus. B. J. Mears. 1,986,405; Jan. 1.
- Automobile hood pad construction. J. Galamb. 1,998,614; Apr. 23.
- Automobile interior trim panel. H. J. Woodall. 1,989,779; Feb. 5.
- Automobile jack. F. L. Curran. 1,994,015; Mar. 12.
- Automobile jack. F. Minuttillo. 2,003,213; May 28.
- Automobile jack. T. J. Travis. 2,012,554; Aug. 27.
- Automobile jack, Hydraulic. J. Romano. 1,998,289; Apr. 16.
- Automobile lift. I. V. Hott. 1,999,760; Apr. 30.
- Automobile lift. F. R. Johnston. 2,011,766; Aug. 20.
- Automobile lifting device. T. Imai. 2,006,242; June 25.
- Automobile lock. V. L. Gilpin. 2,022,958; Dec. 3.
- Automobile lock. A. C. Mabee. 2,010,100; Aug. 6.
- Automobile, Miniature. E. G. and D. E. Plummer. 1,994,005; Mar. 12.
- Automobile parking and storage machine. R. Sumi and N. Sasayama. 2,024,190; Dec. 17.
- Automobile railway car. D. J. Dolan and F. R. Higley. 1,994,695; Mar. 19.
- Automobile repair tool. G. A. Countryman. 2,010,713; Aug. 6.
- Automobile rim, Detachable. R. E. McNamara. 1,991,813; Feb. 19.
- Automobile roof construction. W. F. Hayes. 2,018,444; Oct. 22.
- Automobile safety appliance. G. Warfield. 2,005,281; June 18.
- Automobile seat. G. E. Smith. 2,020,438; Nov. 12.
- Automobile server. D. E. Parsons. 2,016,097; Oct. 1.
- Automobile service equipment. J. C. Woodford. 2,022,630; Nov. 26.
- Automobile side wing bracket. J. P. Callahan. 1,995,415; Mar. 26.
- Automobile signal. D. D. Huddleston. 2,010,488; Aug. 6.
- Automobile signal. H. O. Rodde. 2,011,983; Aug. 20.
- Automobile signal. K. Satow. 2,020,577; Nov. 12.
- Automobile signal. B. M. Van Dyke and A. Van D. Haman. 2,008,886; July 23.
- Automobile signal switch. J. A. Russell. 2,021,386; Nov. 19.
- Automobile signaling apparatus. J. Dziedzic. 1,992,362; Feb. 26.
- Automobile signaling device. D. L. Burnham. 1,996,670; Apr. 2.
- Automobile speed control device. B. H. Mossinghoff. 2,008,149; July 16.
- Automobile testing apparatus. J. L. Shroyer. 2,012,110; Aug. 20.
- Automobile tool. A. Schwedland. 2,018,902; Oct. 29.
- Automobile top. I. R. Abbott. 2,023,188; Dec. 3.
- Automobile top. J. E. Tames. 2,001,224; May 14.
- Automobile top, Convertible. B. B. Ellerbeck. 1,986,048; Jan. 1.
- Automobile top, Disappearing. A. C. Velo. 1,990,848; Feb. 12.
- Automobile transmission. S. O. White and O. E. Fishburn. 1,990,850; Feb. 12.
- Automobile transmission mechanism. H. E. Blood. 2,001,762; May 21.
- Automobile turntable. E. C. Cook. 1,993,648; Mar. 5.
- Automobile wheel. J. C. Backe. 2,023,353; Dec. 3.
- Automobile wheel. L. Galindo. 1,988,352; Jan. 15.
- Automobile wheel. L. B. McGuigan. 2,008,330; July 16.
- Automobiles and the like, Method of and apparatus for storing. S. E. Buettell. 1,988,619; Jan. 22.
- Automobiles, Electrical device for. J. H. Cohen. 2,000,743; May 7.
- Automobiles, Freewheeling mechanism for. C. H. Barton. 2,022,071; Nov. 26.
- Automobiles, Protective device for. C. L. Bryant. 1,999,171; Apr. 30.
- Automobiles, Transportation of. I. H. Judd. 2,004,438; June 11.
- Automobiles, Transportation of. I. H. Judd. 2,022,375; Nov. 26.
- Automotive jack. B. Black. 2,002,428; May 21.
- Automotive stop switch. H. P. Maas. 2,012,539; Aug. 27.
- Auto-signaling device. L. J. Binder. 2,008,849; July 23.
- Auxiliary for tension reeling devices. C. E. Moore. 1,986,776; Jan. 1.
- Auxiliary seat. W. I. Clements. 2,007,075; July 2.
- Auxiliary seat. D. P. La Salle. 1,996,074; Apr. 2.
- Auxiliary spring. J. W. Diederich. 1,991,549; Feb. 19.

- Auxiliary spring. W. Samuels. 1,991,580; Feb. 19.
- Aviating apparatus for human beings, Vertically reciprocating winged. M. Jellalian. 1,989,755; Feb. 5.
- Awning. M. C. Indahl. 2,015,342; Sept. 24.
- Awning. E. Reukauf, Jr., and W. J. Stuber. 2,021,022; Nov. 12.
- Awning adjuster, Interior. E. T. Boyd. 1,987,139; Jan. 8.
- Awning and shutter, Combination. H. A. Johnston. 2,023,528; Dec. 10.
- Awning and shutter, Combined. F. J. Schafer. 2,010,647; Aug. 6.
- Awning and storm shutter, Combined. F. O. Grayson. 2,015,305; Sept. 24.
- Awning apparatus. H. K. Sandell. 1,988,666; Jan. 22.
- Awning arm. E. H. Schane. 1,993,183; Mar. 5.
- Awning, Closure forming. F. R. Quisenberry. 2,004,674; June 11.
- Awning device. C. E. Friesner. 2,019,960; Nov. 5.
- Awning fastening device. C. W. Gasswint. 2,004,862; June 11.
- Awning fixture. R. P. Bessy. 1,991,358; Feb. 19.
- Awning, Porch. I. A. Vesey. 2,014,752; Sept. 17.
- Awning, Sectional shade. J. S. Santiago. 1,997,434; Apr. 9.
- Awnings, Slant adjustment for lateral arm. F. A. Anton. 2,019,473; Nov. 5.
- Axle. E. C. Mogford and G. Spatta. 2,013,786; Sept. 10.
- Axle and axle bearing. A. Albeck. 2,026,504; Dec. 31.
- Axle and making same, Tubular front. F. C. Crawford. 2,007,793; July 9.
- Axle and roller bearing assembly, Tubular. A. H. Oelkers. 2,025,342; Dec. 24.
- Axle and wheel aligner. M. Schmidt. 2,000,993; May 14.
- Axle assembly and method of disassembling same. T. V. Buckwalter. 2,010,057; Aug. 6.
- Axle assembly, Rear. W. C. Oberem. 2,016,343; Oct. 8.
- Axle bearing. T. V. Buckwalter. 2,003,339; June 4.
- Axle bearing construction, Tubular. B. H. Urschel. 1,986,949; Jan. 8.
- Axle box. F. J. Pascoe. 2,017,731; Oct. 15.
- Axle construction. T. V. Buckwalter. 1,995,837; Mar. 26.
- Axle construction, Automobile. L. B. Christman, D. P. Judd, and C. K. Stoner. 2,025,040; Dec. 24.
- Axle construction, Automotive driving. H. W. Alden. 1,996,138; Apr. 2.
- Axle construction, Front. J. L. Burnett. 1,999,394; Apr. 30.
- Axle, Cushion. C. Opolo. 2,023,789; Dec. 10.
- Axle, Differential. W. F. Kasper. 2,013,885; Sept. 10.
- Axle, Drive. H. W. Alden and L. R. Buckendale. 2,022,581; Nov. 26.
- Axle, Drive. J. E. Padgett and R. P. Lewis. 2,018,188; Oct. 22.
- Axle drive lubricating means. G. W. Harper. 2,015,108; Sept. 24.
- Axle driving mechanism, Car. C. W. Spohr. 2,025,314; Dec. 24.
- Axle extension. G. A. Newhouse. 1,990,344; Feb. 5.
- Axle for vehicles, Swinging half. J. Zubaty. 2,007,670; July 9.
- Axle gear casing, Rear. H. Schildknecht. 2,015,969; Oct. 1.
- Axle gearing, Dual speed. F. E. Weiland. 1,988,182; Jan. 15.
- Axle generator drive. C. W. Spicer. 2,026,076; Dec. 31.
- Axle, Generator driving. W. C. Sanders. 2,023,856; Dec. 10.
- Axle housings, Forming. G. Spatta. 1,991,988; Feb. 19.
- Axle housings, Forming rear. C. W. Eisele. 1,991,199; Feb. 12.
- Axle journal bearing. R. Linn. 1,986,274; Jan. 1.
- Axle, Oscillatable pivotally mounted. J. Ganz. 2,004,063; June 4.
- Axle provided with independent wheels, Front. G. Brouhiet. 2,025,721; Dec. 31.
- Axle, Roller bearing. A. H. Oelkers. 2,000,534; May 7.
- Axle shim. E. T. Pedranti. 2,014,482; Sept. 17.
- Axle support for automobile hoists, Rear. J. J. Milzer. 1,990,242; Feb. 5.
- Axle, Tubular. M. P. Graham. 2,019,811; Nov. 5.
- Axle unit for trucks, Extension. R. P. Divney. 2,002,851; May 28.
- Axle unit for trucks, Third. R. P. Divney. 2,002,852; May 28.
- Axle, Vehicle. L. S. Brown. 2,019,806; Nov. 5.
- Axles, Mechanism for operating upon automobile. R. D. Smith. 2,000,572; May 7.
- Azanthracene derivatives, Producing. K. Koeberle and E. Ploetz. 2,003,596; June 4.
- Azeotropic drying of mixtures of water and alcohols or ketones. W. H. Shiffer and R. C. Mitchoff. 2,000,043; May 7.
- Azimuths on board ship, Apparatus for measuring, Indicating, and comparing. J. B. Henderson. 1,987,680; Jan. 15.
- Azo compounds and their production. M. Engelmann. 1,999,185; Apr. 30.
- Azo derivatives and their use in dyeing. D. A. W. Fairweather and R. F. Thomson. 2,014,428; Sept. 17.
- Azo-dye and its preparation. C. Paine. 2,014,207; Sept. 10.
- Azodyestuff. H. Clingenstein and M. Kahn. 1,989,472; Jan. 29.
- Azo-dyestuff and fiber dyed therewith. K. Schimmel-schmidt and H. Thomae. 2,004,383; June 11.
- Azo-dyestuff and fiber dyed therewith, Water-insoluble. L. Laska and A. Zitscher. 2,009,063; July 23.
- Azo-dyestuff and fiber dyed therewith, Water-insoluble. A. Zitscher. 2,009,058; July 23.
- Azo-dyestuff and making same, Chromiferous. F. Straub and H. Schneider. 1,989,567; Jan. 29.
- Azo-dyestuff and making same, Chromiferous. F. Straub and H. Schneider. 2,012,779; Aug. 27.
- Azo-dyestuff and making same, Unsulphonated. G. Bonhöte and M. Schmid. 1,999,438; Apr. 30.
- Azo-dyestuff, Blue. G. Bonhöte. 2,016,738; Oct. 8.
- Azo-dyestuff capable of being chromed, Yellow. E. Fischer and W. Gmelin. 2,009,611; July 30.
- Azo-dyestuffs. G. Bonhöte. 2,008,346; July 16.
- Azodyestuffs. H. Clingenstein and K. Dobmaier. 2,019,844; Nov. 5.
- Azo-dyestuffs. H. Kracker and R. Schmid. 2,015,225; Sept. 24.
- Azo-dyestuffs. H. Kracker and R. Schmid. 2,015,429; Sept. 24.
- Azo dyestuffs. W. Neelmeier and A. Modersohn. 2,018,801; Oct. 29.
- Azodyestuffs. H. Schweitzer and G. Schrader. 2,015,161; Sept. 24.
- Azo-dyestuffs and fiber dyed therewith, Water-insoluble. A. Bitscher and W. Lammerz. 2,000,313; May 7.
- Azo-dyestuffs and fiber dyed therewith, Water-insoluble. E. Hoffa and F. Müller. 1,999,610; Apr. 30.
- Azo-dyestuffs and fiber dyed therewith, Water-insoluble. H. Kracker. 2,019,914; Nov. 5.
- Azo-dyestuffs and fiber dyed therewith, Water-insoluble. H. Thomas, A. Modersohn, F. Müller, and F. Muth. 2,015,204; Sept. 24.
- Azo-dyestuffs and making same. G. Bonhöte and J. Danuser. 2,010,746; Aug. 6.
- Azo-dyestuffs and making same. H. Schindhelm and R. Gast. 2,004,250; June 11.
- Azo-dyestuffs and making same, Chromiferous. F. Straub and H. Schneider. 2,008,601; July 16.
- Azo-dyestuffs dyeing pink tints, Manufacture of chromiferous. F. Straub and W. Widmer. 1,999,068; Apr. 23.
- Azodyestuffs insoluble in water and fibers dyed therewith. W. Kerweck and K. Schütz. 2,014,487; Sept. 17.
- Azodyestuffs, Preparing. R. Stüsser. 1,995,553; Mar. 26.
- Azodyestuffs, Waterinsoluble. M. Baltes, K. Briesewitz, and A. Zitscher. 1,992,461; Feb. 26.
- Azo-dyestuffs, Water-insoluble. H. Heyna and H. Huber. 2,016,495; Oct. 8.
- Azodyestuffs, Waterinsoluble. G. Schrader. 2,023,773; Dec. 10.
- Azodyestuffs, Water-soluble. H. Clingenstein and F. Schubert. 1,995,564; Mar. 26.
- Azo lake and pigment. W. N. Headley and A. Siegel. 2,013,100; Sept. 3.
- Azoxy-arylamines, Manufacture of. M. A. Dahlen and J. I. Carr. 2,014,522; Sept. 17.
- Baby bottle holder. T. Shine. 1,987,132; Jan. 8.
- Baby carriage protector. C. Rohan. 2,025,613; Dec. 24.
- Baby history indicator and recorder. M. M. Scully. 1,996,553; Apr. 2.
- Backbone for a velocipede. B. J. Anderson. 2,015,833; Oct. 1.
- Backfiller mechanism. A. J. Penote. 2,013,170; Sept. 3.
- Backfire in internal combustion engines, Device for preventing the. G. Eyssartier. 2,012,000; Aug. 20.
- Backfire-preventing means for rectifiers. J. Slepian. 2,008,406; July 16.
- Backfire release. F. T. Christian. 1,986,673; Jan. 1.
- Back-firing capable of being used as theft-preventing devices for any applications. Device for preventing. G. Dore and L. Girard. 1,996,861; Apr. 9.
- Backfiring indicator for mercury arc rectifiers. B. E. Lenehan. 2,020,952; Nov. 12.
- Back for seats, Detachable. J. A. Reyniers. 2,021,242; Nov. 19.
- Backgammon game outfit. A. Popper. 2,012,140; Aug. 20.
- Back lash remover. C. B. De Vlieg. 2,002,991; May 28.
- Back protector. C. L. Spiess. 2,010,163; Aug. 6.
- Back rest. C. E. Soule. 2,025,621; Dec. 24.
- Back rest for cots. L. W. Williams. 2,020,754; Nov. 12.
- Backstop brake, Automobile automatic. T. L. Harrison and F. R. Flounders. 2,021,508; Nov. 19.
- Back support. S. H. Gallop. 2,005,972; June 25.
- Back-up and tail light, Combination. G. Speeg. 2,005,761; June 25.
- Back water valve, Automatic. W. Charlier. 1,991,081; Feb. 12.
- Backing sheet for use in preparing manifold copies. F. S. Cooper. 1,999,015; Apr. 23.
- Bacteria, Devitalization of. W. S. Jones. 2,009,086; July 23.
- Bacterial analysis of gaseous bodies. W. F. Wells. 2,017,483; Oct. 15.
- Bacterial solutions, Manufacturing. R. F. Hunwicke. 2,020,647; Nov. 12.
- Bactericidal preparation. E. Moness. 1,992,577; Feb. 26.
- Bactericidal products and resulting product, Manufacturing. W. Dieck and S. Schiff. 2,008,131; July 16.
- Badge or similar article, United Rubber Worker's Federal Labor Union. H. R. Lloyd. Des. 94,511; Jan. 8.
- Badges. C. Rosenblum. 1,999,786; Apr. 30.
- Baffle for boiler furnaces. W. S. Bouton. 2,016,739; Oct. 8.

- Baffle for loud speakers. A. M. Pfalzer. 2,005,300; June 18.
- Baffle furnace. T. E. Bridgford. 1,989,265; Jan. 29.
- Bag: See—
- Air bag.
 - Caddie bag.
 - Collapsible bag.
 - Convertible hand bag.
 - Dust arrester bag.
 - Dustproof carry bag.
 - Fruit picker's bag.
 - Garment bag.
 - Golf bag.
 - Hand bag.
 - Hat and shopping bag.
 - Knapsack water bag.
 - Lady's hand bag.
 - Laundry bag.
 - Luggage bag.
 - Moth bag.
 - Mothproof bag.
 - Muff bag.
 - Multi-ply bag.
 - Nontangling tea bag.
 - Paper bag.
 - Pneumatic punching bag.
 - Polishing bag.
 - Rubber bag.
 - Shoe bag.
 - Shopping bag.
 - Sleeping bag.
 - Traveling bag.
 - Utility bag.
 - Vacuum cleaner bag.
- Bag. W. N. Baker, H. C. Knode, and J. W. Grimm. 2,017,838; Oct. 22.
- Bag. W. K. Miller. 2,000,345; May 7.
- Bag. R. Mills. 1,998,554; Apr. 23.
- Bag. J. B. Schaaf. 2,010,380; Aug. 6.
- Bag and cigarette case, Combination lady's hand. R. H. Rolfs. 2,020,906; Nov. 12.
- Bag and cover therefor, Foundation. M. Miller. 2,023,144; Dec. 3.
- Bag and forming same. R. N. Cundall. 2,020,301; Nov. 12.
- Bag and making same. A. Andreas. 1,989,304; Jan. 29.
- Bag and making same. R. N. Cundall. 2,020,300; Nov. 12.
- Bag and making same. R. N. Cundall and W. B. Powell. 2,000,928; May 14.
- Bag and making same. J. M. Munson. 2,001,934; May 21.
- Bag and making same, Compartment. G. W. Poppe. 2,026,140; Dec. 31.
- Bag and making same, Garment. G. W. Poppe. 2,013,788; Sept. 10.
- Bag and removable cover therefor, Framed hand. L. Perl. 2,019,693; Nov. 5.
- Bag and sack closing device. G. Hankel. 2,015,473; Sept. 24.
- Bag and securing means therefor. G. B. Cook. 1,994,945; Mar. 19.
- Bag and the like, Hand. C. G. King. 2,008,421; July 16.
- Bag and the like, Nontangling tea. W. M. Ingram. 2,010,993; Aug. 13.
- Bag and work basket, Combined carrying. L. W. Martin. 2,014,904; Sept. 17.
- Bag, Apparatus for molding a liquid. A. Richards. 2,003,092; May 28.
- Bag closing and sealing machine. D. Belcher. 1,989,471; Jan. 29.
- Bag closing machine. C. V. Brady and F. R. Linda. 2,003,337; June 4.
- Bag closure. S. Quisling. 2,019,873; Nov. 5.
- Bag closure. M. Rosenfeld. 1,997,395; Apr. 9.
- Bag closure and making the same. J. M. Driver. 2,023,782; Dec. 10.
- Bag closure, Paper. G. W. Poppe. 2,009,411; July 30.
- Bag closure valve. B. L. McNulty. 1,993,377; Mar. 5.
- Bag construction. M. Rosenfeld. 2,023,855; Dec. 10.
- Bag construction, Paper. G. W. Poppe. 2,003,697; June 4.
- Bag delivering case. F. E. Judkins. 2,021,659; Nov. 19.
- Bag fastener. A. G. Rose. 2,017,704; Oct. 15.
- Bag feeding machine. K. G. Howard. 2,012,681; Aug. 27.
- Bag filling mechanism. W. M. Ingram. 2,015,853; Oct. 1.
- Bag filter. R. B. Rathbun. 1,995,649; Mar. 26.
- Bag for air-method cleaners, Dust collector. D. B. Replogle. 2,016,295; Oct. 8.
- Bag for the protection of clothes. V. C. E. Fjellman. 2,022,560; Nov. 26.
- Bag forming and filling machine. T. Schilder. 2,009,416; July 30.
- Bag forming, handling, and filling mechanism. H. Irmischer. 2,010,994; Aug. 13.
- Bag frame. W. C. Hiering. 1,997,775; Apr. 16.
- Bag frame. W. C. Hiering. 2,017,409-10; Oct. 15.
- Bag frame. W. C. Hiering. 2,024,163; Dec. 17.
- Bag frame and making it. W. J. Klemp. 2,006,925; July 2.
- Bag frame member and securing elements thereto. W. C. Hiering. 1,996,109; Apr. 2.
- Bag machine, Nontangling tea. H. Irmischer. 2,006,356; July 2.
- Bag making machine. A. F. Beckmann. 2,009,288; July 23.
- Bag opening device, Suction. L. A. Becker. 1,995,259; Mar. 19.
- Bag or envelope opening device, Pneumatic. J. E. Hirsch. 2,020,415; Nov. 12.
- Bag sealing machine. R. N. Pierson and C. H. Carlson. 1,998,287; Apr. 16.
- Bag-sewing apparatus. A. McAllister. 2,002,227; May 21.
- Bag stringing machine. W. H. Welsner. 2,025,322; Dec. 24.
- Bag support for filling machines. A. Andreas. 1,995,140; Mar. 19.
- Bag transfer and filling mechanism, Combination. L. Hirschhorn and H. Irmischer. 2,008,826; July 23.
- Bag winding method and apparatus. H. R. Williams. 2,012,700; Aug. 27.
- Bag with bridging strip, Carry. G. W. Poppe. 2,013,287; Sept. 3.
- Bags and the like, Making. A. Potdevin. 1,989,111; Jan. 29.
- Bags, Apparatus for and method of making multiwall. W. N. Baker. 2,013,086; Sept. 3.
- Bags, Apparatus for use in connection with the making of. A. Potdevin. 1,989,943; Feb. 5.
- Bags, Closing. W. E. Higginbottom. 2,023,682; Dec. 10.
- Bags, Drying burlap. L. T. Bromfield. 2,000,506; May 7.
- Bags, Making. T. M. Royal. 2,013,672; Sept. 10.
- Bags, Making. J. J. Shea. 2,012,357; Aug. 27.
- Bags, Manufacture of. J. M. Driver. 1,997,378; Apr. 9.
- Bags, Manufacture of. T. M. Royal. 1,988,462; Jan. 22.
- Bags, Manufacture of. T. M. Royal. 2,000,989; May 14.
- Bags, Mending burlap. G. I. Goldwyn. 1,989,191; Jan. 29.
- Bags or envelopes, Method of and machine for manufacturing. W. E. Ellens. 2,024,820; Dec. 17.
- Baggage carrier. P. Rossi. 2,002,836; May 28.
- Baggage rack. G. S. Tipson. 2,008,372; July 16.
- Bagging machine. R. E. Henry. 2,009,049; July 23.
- Bagasse burning furnace. C. G. Brown. 1,991,375; Feb. 19.
- Bail. L. A. Ellis. 2,016,081; Oct. 1.
- Bail ear for pails. C. H. Rollason. 2,009,680; July 30.
- Bail holder. H. A. Wagner. 2,004,542; June 11.
- Bail inserting machine. W. M. Holloway. 1,999,192; Apr. 30.
- Bailer. P. G. Gates. 2,000,750; May 7.
- Bailer, Vacuum. R. R. Candee. 2,012,119; Aug. 20.
- Bait. E. L. Dillon. 2,016,960; Oct. 8.
- Bait and fishing lure of the spinner type, Artificial. M. Mitchell. 1,986,738; Jan. 1.
- Bait, Artificial. J. Catarau. 1,993,990; Mar. 12.
- Bait, Artificial. J. Catarau. 2,004,308; June 11.
- Bait, Artificial. J. Catarau. 2,008,004; July 16.
- Bait, Artificial. J. Catarau. 2,010,976; Aug. 13.
- Bait, Artificial. R. W. Edwards. 1,997,900; Apr. 16.
- Bait, Artificial. J. E. Lavitt. 2,002,117; May 21.
- Bait, Artificial. W. L. Smith and A. A. Dietz. 1,994,878; Mar. 19.
- Bait, Artificial. C. Yavise. 1,994,678; Mar. 19.
- Bait, Artificial fish. T. E. Loving. 1,999,416; Apr. 30.
- Bait casting practice device. W. L. Maryfield and C. T. Pfuenger. 1,989,484; Jan. 29.
- Bait clip. A. E. Hopkins. 2,000,954; May 14.
- Bait device, Fishing. L. L. Raymond. 2,003,976; June 4.
- Bait, Fish. W. J. DeWitt. 2,001,055; May 14.
- Bait, Fish. P. Muller. 2,003,550; June 4.
- Bait fish receptacle. R. D. Crawford. 2,007,296; July 9.
- Bait for fish lure, Artificial. B. Milner. 2,005,554; June 18.
- Bait holder. E. G. Leighton. 2,010,598; Aug. 6.
- Bait holder or harness. C. C. Hoage. 2,012,786; Aug. 27.
- Bait or lure, Artificial fishing. C. T. Pfuenger. 2,011,075; Aug. 13.
- Bait or lure, Artificial fishing. O. L. Strausborger. 1,996,776; Apr. 9.
- Bait or minnow box. E. E. Moutoux. 2,001,468; May 14.
- Baker, Electric. J. A. Barlow. 2,019,170; Oct. 29.
- Bakery goods, Packaging of loaf-like. V. M. Bear. 2,001,761; May 21.
- Bakery machinery. B. Jassoy. 2,019,818; Nov. 5.
- Bakery products, Device for packaging. O. B. Andrews. 2,004,098; June 11.
- Baking agent, Producing a. C. G. Quaschnig and H. Hundertmark. 2,009,274; July 23.
- Baking preparations from milk, Manufacture of. A. Axelrod. 2,018,394; Oct. 22.
- Baking process. L. W. Haas and H. O. Renner. 1,994,993; Mar. 19.
- Balance. R. G. and A. W. Ainsworth. 2,022,306; Nov. 26.
- Balance escapement, Free. J. Enkle. 2,017,286; Oct. 15.
- Balance for musical instruments. B. Bernath. 2,015,029; Sept. 17.
- Balance indicator. E. J. Schnaitter. 2,023,244; Dec. 3.
- Balance, Magnetic. E. Roux. 2,010,245; Aug. 6.
- Balance or weighing scale. C. A. Becker. 1,986,995; Jan. 8.
- Balanced check valve. W. F. Naatz, R. E. Eckert and J. W. Barnes. 1,998,056; Apr. 16.
- Balanced control mechanism. F. J. Bast. 1,988,775; Jan. 22.
- Balanced draft gear. W. H. Mussey and M. P. Blomberg.
- Balanced throttle valve. R. W. Mueller. 2,019,193; Oct. 29.
- Balanced valve. L. C. Irwin. 1,998,239; Apr. 16.
- Balancer for radio direction finders, Inductive. J. A. Proctor. 2,013,107; Sept. 3.
- Balances, Apparatus for timing. A. F. Poole. 2,019,769; Nov. 5.
- Balancing and filter system for radio receivers. R. E. Wood and R. S. Yoder. 2,021,676; Nov. 19.
- Balancing device for polishing wheels and the like. W. A. Burgess. 2,010,687; Aug. 6.
- Balancing fixture. H. C. Edwards. 2,014,838; Sept. 17.
- Balancing machine for propeller shafts. T. C. Van De-grift. 2,008,161; July 16.
- Balata and like gums, Cleaning. F. D. Chittenden. 1,998,923; Apr. 23.
- Bale breaker. N. B. Henry. 2,009,658; July 30.
- Bale tie. A. V. Rowe. 2,004,732; June 11.

- Bale tie. A. V. Rowe. 2,005,472; June 18.
 Baling machine. C. W. Lanter. 1,988,692; Jan. 22.
 Baling press. H. B. Claar and B. C. Comer. 1,990,526; Feb. 12.
 Baling press. T. S. Grimes. 2,005,291; June 18.
 Baling press. A. S. Mackenzie. 1,996,772; Apr. 9.
 Ball. J. H. Grady. 2,006,861; July 2.
 Ball and socket bearing. C. L. Henry. 2,016,716; Oct. 8.
 Ball and socket joint. R. Lapsley. 2,010,367; Aug. 6.
 Ball bearing. D. G. Smellie. 2,015,198; Sept. 24.
 Ball bearing hinge. W. D. Ferris. 2,010,659; Aug. 6.
 Ball bearing hinge. R. A. Schramm. 2,010,901; Aug. 13.
 Ball bearing retainer. H. N. Parsons. 1,999,055; Apr. 23.
 Ball closing fitting. C. T. Bard. 2,012,863; Aug. 27.
 Ball cock. M. D. Helfrich. 2,017,799; Oct. 15.
 Ball cock valve, Automatic. W. Dylewski. 2,002,086; May 21.
 Ball driving machine. H. K. Davis. 1,995,170; Mar. 19.
 Ball for playing games. M. Caro. 2,012,376; Aug. 27.
 Ball game apparatus. R. J. Stutzenburg. 1,999,548; Apr. 30.
 Ball, Golf. N. G. Madge. 2,004,167; June 11.
 Ball, Golf. D. F. Twiss, F. A. Jones, and E. W. Allen. 2,015,165; Sept. 24.
 Ball, Golf. L. A. Young. 2,002,726; May 28.
 Ball gyro horizon. R. E. Gillmor. 1,988,591; Jan. 22.
 Ball, India-rubber and like. E. J. Dobbins. 2,006,230; June 25.
 Ball, Inflatable game. W. A. Sonnett. 1,990,353; Feb. 5.
 Ball, Inflatable playing. W. G. Curry. 1,993,090; Mar. 5.
 Ball, Jingle. M. E. Salisburg. 2,003,957; June 4.
 Ball joint. R. E. Klages and W. A. Flumerfelt. 2,018,365; Oct. 22.
 Ball joint. R. J. C. Tampier. 2,008,050; July 16.
 Ball joint element. R. S. M. Mitchell. 2,005,948; June 25.
 Ball, Luminous. C. T. Turner. 2,020,484; Nov. 12.
 Ball manufacture. P. Van Cleef. 2,025,918; Dec. 31.
 Ball mill. A. Drever. 1,992,742; Feb. 26.
 Ball mill. T. J. Vollkommer. 2,022,552; Nov. 26.
 Ball pick-up and driver, Combination. A. A. Abrams. 1,993,911; Mar. 12.
 Ball return for bowling alleys, Automatic. E. Hedenskoog. 2,019,607; Nov. 5.
 Ball-tassel for draperies and the like. J. G. Smith. 2,009,750; July 30.
 Ball, Tennis. E. E. Horner. 2,018,559; Oct. 22.
 Ball, Tennis. J. T. McGrath and R. B. Wilman. 2,020,612; Nov. 12.
 Ball, Tennis. G. H. Wood. 1,991,534; Feb. 19.
 Ball throwing and catching apparatus. A. L. Lerch. 2,025,995; Dec. 31.
 Ball throwing device for miniature base ball games. H. F. Jacobs. 2,010,234; Aug. 6.
 Ball washer. S. G. Meikle. 2,023,932; Dec. 10.
 2,024,868; Dec. 17.
 Balls, Device for cleaning and electroplating. H. Le Laurin and A. L. Fry. 2,007,204; July 9.
 Balls, Manufacture of celluloid and like. J. M. Jaques. 2,025,455; Dec. 24.
 Balls of thread or the like, Device for the wet treatment, removal of moisture from, and drying of. F. G. Schumacher. 2,004,419; June 11.
 Ballast, Apparatus for cleaning. J. B. McWilliams and L. A. Merk. 2,025,543; Dec. 24.
 Ballast excavating and cleaning apparatus. H. W. Protzeller. 2,003,606; June 4.
 Ballast, Method of and apparatus for cleaning. H. W. Protzeller. 2,013,735; Sept. 10.
 Ballast, Method of and apparatus for treating. H. W. Protzeller. 2,022,150; Nov. 26.
 Balloon, Captive. J. Letourneur. 1,988,562; Jan. 22.
 Balloon printing machine. H. A. Myers. 1,988,662; Jan. 22.
 Band. J. D. Lane. 2,000,763; May 7.
 Band and fastening means therefor. J. W. Steele. 1,986,649; Jan. 1.
 Band and removable lining, Combined sweat. L. Hoffeld. 2,003,886; June 4.
 Band, Bread. S. Boller. 1,993,355; Mar. 5.
 Band control, Automatic. H. J. Brunk. 1,992,649; Feb. 26.
 Band cutting apparatus, Sweat. E. W. Boughton. 2,023,911; Dec. 10.
 Band element for ornamental and useful purposes. R. Einsele. 2,002,233; May 21.
 Band for edibles. C. D. Reed. 2,008,838; July 23.
 Band heater release. A. Van Veen. 2,017,450; Oct. 15.
 Band member. G. F. Wales. 1,989,219; Jan. 29.
 Band, Nose. C. S. Lee. 2,023,532; Dec. 10.
 Band or article, Body treating. O. L. Mills. 2,002,673; May 28.
 Band, Ornamental. G. A. Lyon. 2,021,369; Nov. 19.
 Band pass network. J. S. Low. 2,018,140; Oct. 22.
 Band pass tuner. A. T. Witts. 2,012,030; Aug. 20.
 Band separation system. E. I. Green. 2,020,409; Nov. 12.
 Band testing apparatus. J. E. Longley. 2,009,406; July 30.
 Band tightener, Encircling. A. J. Scholtes. 2,006,329; June 25.
 Band transmission, Single side. E. S. Purington. 1,994,048; Mar. 12.
 Band transmission system, Wide. L. Espenschied and E. I. Green. 2,000,130; May 7.
 Band tying machine. L. M. Harvey. 1,989,669; Feb. 5.
 Band, Woven fabric conveyer and like. C. E. Gyatt. 2,019,700; Nov. 5.
 Bandage. L. F. Taney. 2,014,152; Sept. 10.
 Bandage applying device. A. Alhadate. 1,992,344; Feb. 26.
 Bandage, Cheese. B. Spence. 2,007,410; July 9.
 Bandage, Elastic adhesive. E. Fetter. 2,018,517; Oct. 22.
 Bandage, Surgical. H. B. Veysey. 2,024,491; Dec. 17.
 Bandeau and apron, Combined foundation. A. M. Thomas. 2,021,033; Nov. 12.
 Bandeau, Hair. H. Eisler. 2,011,194; Aug. 13.
 Banding for shafts, Ornamental. W. C. Hampton. 2,009,969; July 30.
 Banding mechanism. A. M. Algeo. 2,024,903; Dec. 17.
 Bands and the like to cigars, Apparatus for applying paper. J. Schmiedel. 2,006,116; June 25.
 Bands, Apparatus for securing together the ends of metal or the like. W. L. Graves. 1,987,293; Jan. 8.
 Bands for hats, Sweat. H. W. Roeloffzen. 1,997,017; Apr. 9.
 Bandit barrier system. O. B. McClintock. 2,010,603; Aug. 6.
 Bank and automobile protector. G. Searle. 2,011,120; Aug. 13.
 Bank balancing and check writing device. O. Imber and W. H. Altschuler. 1,989,805; Feb. 5.
 Bank bandit trap. W. B. Coleman and F. J. Ebel. 2,004,551; June 11.
 Bank check register. J. D. Gray. 1,989,192; Jan. 29.
 Bank, Coin. C. Collier. 2,020,498; Nov. 12.
 Bank, Coin. W. N. de Sherbinin. 1,994,693; Mar. 19.
 Bank, Coin control register. J. Farber. 2,000,323; May 7.
 Bank, Electrical transmission. W. G. Rice. 2,023,290; Dec. 3.
 Bank notes, Apparatus for receiving and issuing. S. Chiger. 2,009,385; July 30.
 Bank protecting means. C. R. Tigert. 2,009,908; July 30.
 Bank, Registering. H. T. Kingsbury. 2,022,422; Nov. 26.
 Bar: See—
 Bus bar. Outlet box and hanger bar.
 Collar bar. Portable bar.
 Glazing bar. Reinforcing bar.
 Grate bar. Typesetting bar.
 Handle bar. Vehicle bumper bar.
 Mill mandrel bar. Weld bar.
 Mower guard cross bar.
 Bar drive means, Boring. C. T. Rottler. 2,011,875; Aug. 20.
 Bar for veneer machines, Rotary presser. A. A. Tallquist and G. Haumann. 1,989,386; Jan. 29.
 Bar support and spacer, Reinforcing. B. Hillberg. 2,021,361; Nov. 19.
 Bar to front member of a bumper, Attaching back. B. F. Fortier and F. A. Miller. 1,989,637; Jan. 29.
 Bars, Casting. E. M. Staples. 2,019,937; Nov. 5.
 Bars of a comestible or plastic material, Method of and apparatus for forming unwrapped. C. W. Vogt. 2,006,375; July 2.
 Bars, Rolling hexagon. W. H. Catterall and W. J. Barry. 1,987,324; Jan. 8.
 Bars with transverse ribs, Method and apparatus for producing. H. Selferth. 1,990,140; Feb. 5.
 Barbecue apparatus. P. Zolotas. 2,012,702; Aug. 27.
 Barbecue, Electric. J. H. Langenfeld. 1,996,297; Apr. 2.
 Barbituric acid-hydantoin compound. S. L. Ruskin. 2,013,717; Sept. 10.
 Barge, Coal. A. C. Leigh. 2,021,629; Nov. 19.
 Barite bearing materials, Concentration of. A. Crago and H. C. Molsinger. 2,016,105; Oct. 1.
 Barium hydrate, Manufacture of. R. E. Windecker. 2,016,529-30; Oct. 8.
 Barium nitrate, Producing. N. R. Wilson. 2,010,046; Aug. 6.
 Barium zincates and pure barium compounds from the latter, Preparation of pure. M. Herder. 2,011,281; Aug. 13.
 Bark from logs, Apparatus for removing. F. A. Nicholson and W. T. Pritchard. 2,005,799; June 25.
 Bark removing machine. H. B. Camden and R. S. and W. H. Burruss. 2,025,337; Dec. 24.
 Barn. J. G. Shodron. 2,003,868; June 4.
 Barometer. J. Schofield. 1,995,436; Mar. 26.
 Barometers, Direction indicating hand for. C. F. Hanscom. 2,007,680; July 9.
 Barometric feed devices, Charging. R. M. Sherman. 2,000,354; May 7.
 Barrel. T. R. Winchell. 2,000,544; May 7.
 Barrel. T. R. Winchell. 2,001,859; May 21.
 Barrel agitator and handle. C. E. Farrington. 2,022,711; Dec. 3.
 Barrel, Beer. H. R. Clark. 2,010,977; Aug. 13.
 Barrel closure. J. S. Townsend. 1,991,301; Feb. 12.
 Barrel drum heading machine, Metal. B. J. Lindgren. 2,004,816; June 11.
 Barrel, Fiber. H. A. Eggers. 1,998,312; Apr. 16.
 Barrel head. A. L. Whitton. 2,014,542; Sept. 17.
 Barrel heads, Seaming removable. J. M. Huchen. 2,012,242; Aug. 20.
 Barrel, Making sheet metal. D. J. Reed. 2,015,193; Sept. 24.
 Barrel pump, High pressure. E. W. Davis. 2,022,232; Nov. 26.
 Barrel, Rubber lined metal. C. S. Beldin. 2,025,932; Dec. 31.

- Barrel staves, Manufacture of. E. W. Hutchings. 2,000,891; May 7.
- Barricade, Collapsible. M. Steinhauer. 2,006,906; July 2.
- Barrier for a game and controlling the same, Dividing. S. E. Gordon. 1,998,454; Apr. 23.
- Barrier, Race starting. H. E. Good. 1,989,447; Jan. 29.
- Barrier, Race starting. T. C. Rush. 2,024,879; Dec. 17.
- Barrier, Railway crossing. S. A. Orr and O. L. Suenderhauf. 2,023,538; Dec. 10.
- Base and socket structure for radio tubes. F. S. McCullough. 1,996,820; Apr. 9.
- Baseball. E. H. Hawes. 1,994,703; Mar. 19.
- Baseball playing apparatus. R. J. Rhodes. 1,993,075; Mar. 5.
- Baseboard structure. D. A. McLaren and A. O. Larson. 1,988,603; Jan. 22.
- Base exchange and similar materials, Production of. O. C. Ralston and K. M. Baum. 1,990,751; Feb. 12.
- Base for chimney spark arresters. J. Slocum. 2,025,832; Dec. 31.
- Base for lifting jacks. D. Ashkenas. 1,994,060; Mar. 12.
- Base for objects and attaching same. J. K. Matter and J. T. Weinzierl. 2,016,171; Oct. 1.
- Base for stationary machinery. C. C. Cheyney. 2,014,466; Sept. 17.
- Base for vertical shafts, Attachment. P. D. Merrill. 1,997,870; Apr. 16.
- Base plate and fastener, Railroad. W. E. Wenner. 2,003,498; June 4.
- Base plate for casting steel ingots in molds, Reversible. H. Laudert. 1,997,907; Apr. 16.
- Base rangefinder, Self-contained. O. Eppenstein. 1,999,833; Apr. 30.
- Bases to the glass bulbs of electric incandescent lamps and similar articles, Method of and apparatus for uniting. P. Herre and A. Hix. 2,008,503; July 16.
- Basing machine. J. A. Morick and K. P. Swanson. 1,997,694; Apr. 16.
- Basing machine, Mechanical. P. Meyer. 2,019,622; Nov. 5.
- Basin and bracket therefor, Wash. F. C. Bates. 2,012,154; Aug. 20.
- Basin fixture, Wash. A. C. Dobrick. 2,009,607; July 30.
- Basins attached to glass furnaces, Rotating drawing off. E. Roirant. 2,023,746; Dec. 10.
- Basins, Cleaning catch. R. C. Evans. 2,010,540; Aug. 6.
- Basket. W. H. Griffin. 2,001,571; May 14.
- Basket. B. F. Kells. 1,999,461; Apr. 30.
- Basket. C. I. Shelton. 2,009,527; July 30.
- Basket and divider for the same, Wire. E. H. Schilling. 2,016,246; Oct. 1.
- Basket and machine and making same, Stave. O. M. James. 2,007,124; July 2.
- Basket and stand, Sanitary waste. A. E. Roesel. 2,010,789; Aug. 6.
- Basket, Bicycle. E. L. Dennis. 2,010,479; Aug. 6.
- Basket carrier. L. C. Dickson. 2,007,039; July 2.
- Basket, Collapsible. R. H. Brown. 2,020,766; Nov. 12.
- Basket, Combined metal and canvas. J. G. Loring. 1,986,780; Jan. 1.
- Basket construction, Centrifugal. E. Roberts. 1,992,964; Mar. 5.
- Basket, Dish. R. Burkle. 1,997,451; Apr. 9.
- Basket, Dog. E. Giannasca. 2,016,005; Oct. 1.
- Basket emptying device. R. H. Stillman and C. E. Anderson. 2,018,929; Oct. 29.
- Basket, Folding. C. M. Owens. 1,992,390; Feb. 26.
- Basket, Fruit. F. M. Joslin. 2,022,566; Nov. 26.
- Basket, Knock-down. H. M. Potter. 2,002,582; May 23.
- Basket liner. E. B. Hiatt. 1,991,746; Feb. 19.
- Basket liner. T. R. McDonald. 2,022,600-01; Nov. 26.
- Basket making machine. J. D. Brooks. 2,016,623; Oct. 8.
- Basket making machine and method. A. H. Schmidtke. 2,005,439; June 18.
- Basket or tray for warming ovens and like compartments. A. J. Reedy and W. L. Smith. 1,995,399; Mar. 26.
- Basket, Pickling. S. L. Williams. 1,989,301; Jan. 29.
- Basket, Reinforced fabric. G. W. Beulke and A. A. Abernethy. 2,007,997; July 16.
- Basket, Shipping. S. H. Hunt. 2,020,186; Nov. 5.
- Baskets, Making waste and desk. L. De F. Hokerk. 2,015,382; Sept. 24.
- Bast fiber, Treating. L. Nordmann. 2,009,944; July 30.
- Bat, Table tennis. G. H. Perryman and A. J. MacCutchan. 2,011,185; Aug. 13.
- Batches of goods, Removing. J. Neff. 1,998,382; Apr. 16.
- Batchmeter. R. F. Lindow. 2,018,964; Oct. 29.
- Batchmeter construction for concrete truck mixers. E. H. Lichtenberg. 1,996,208; Apr. 2.
- Bath apparatus, Shower. Y. Pajari. 1,986,355; Jan. 1.
- Bath, Baby. C. W. Burst. 2,013,911; Sept. 10.
- Bath for the electrodepositing of cobalt. H. Berger. 2,017,646; Oct. 15.
- Bath for viscose filaments, Precipitating. J. J. Stöckly and A. Brötz. 2,015,201; Sept. 24.
- Bathing implement, Buoyant. E. C. Hegewaldt. 1,996,576; Apr. 2.
- Bathing pool. W. G. Dobbs. 1,997,249; Apr. 9.
- Bathroom unit. R. L. Davison. 2,004,933; June 18.
- Bathroom unit. G. Sakier. 1,997,433; Apr. 9.
- Bath shower device. A. Callander. 2,015,377; Sept. 24.
- Bath spray head, Shower. R. C. Boyd. 2,005,073; June 18.
- Bath structure, Shower. J. A. Stuntebeck. 2,005,246; June 18.
- Bathtub. W. Hoehn. 2,011,148; Aug. 18.
- Bathtub. B. L. McMillan. 2,011,228; Aug. 13.
- Bathtub. C. J. Steele. 1,993,420; Mar. 5.
- Bathtub adapting means. G. Sakier. 2,010,790-1; Aug. 6.
- Bathtub and shower control valve. V. E. Schmiedeknecht. 2,000,791; May 7.
- Bathtub and sink, Combined. M. De Marinis. 1,995,841; Mar. 26.
- Bathtub attachment. J. Kapella. 2,026,045; Dec. 31.
- Bathtub fixture. A. V. Redmond and T. P. Kersjes. 1,994,789; Mar. 19.
- Bathtub hanger. W. B. Lucke. 1,999,467; Apr. 30.
- Bathtub inclosure. J. H. Sundstrom. 1,995,045; Mar. 19.
- Bathtub safety grip. O. Buhl and H. V. Jacobus. 2,005,576; June 18.
- Bathtub shower-spout fixture. J. S. Judell. 2,011,446; Aug. 13.
- Baton and cane, Combined. C. L. Dewey. 2,012,158; Aug. 20.
- Batter dispenser. F. Schneider. 1,996,628; Apr. 2.
- Batter product, Multiuse. A. H. Fiske, B. W. Colby, and G. B. Lewis. 2,000,888; May 7.
- Battery: See—
- Dry cell battery. Primary battery.
- Galvanic battery. Storage battery.
- Battery. C. F. Burgess. 2,014,832; Sept. 17.
- Battery. F. S. Carille. 2,021,288; Nov. 19.
- Battery. E. G. Lunn. 2,014,390; Sept. 17.
- Battery bracket. M. W. Pehotsky. 2,009,199; July 23.
- Battery cable grip, Solderless. C. E. Hoover. 2,015,144; Sept. 24.
- Battery carrier. H. G. Christenson. 1,994,451; Mar. 12.
- Battery cell. C. K. Bamber. 2,022,998; Dec. 3.
- Battery cell, Automatic safety seal. S. Apostoloff. 2,026,205; Dec. 31.
- Battery cell, Electric. G. Willimek. 2,023,717; Dec. 10.
- Battery charging system. D. C. Prince. 2,004,767; June 11.
- Battery charging system, Storage. J. L. Woodbridge. 2,013,618; Sept. 3.
- Battery clamp. R. E. Ellis and O. Johnson. 2,011,537; Aug. 13.
- Battery clamp device. E. A. Duval. 2,004,653; June 11.
- Battery clip. L. P. Neal. 2,000,665; May 7.
- Battery container. L. A. Doughty. 2,015,746; Oct. 1.
- Battery container. W. C. Roberts. 2,022,090; Nov. 26.
- Battery container. R. A. Wentworth and R. E. McCurdy. 2,016,916; Oct. 8.
- Battery container, Storage. H. D. Geyer. 2,024,637; Dec. 17.
- Battery construction, Dry. H. R. C. Anthony and W. A. Roper. 1,991,131; Feb. 12.
- Battery construction, Storage. G. L. Kyle. 2,002,267; May 21.
- Battery control. J. J. Drabin. 1,988,192; Jan. 15.
- Battery control or switch. C. W. Schild. 1,995,946; Mar. 26.
- Battery filler. J. J. Drabin. 1,991,604; Feb. 19.
- Battery filling device. S. L. Van Meter, Jr. 1,996,843; Apr. 9.
- Battery filling device. A. H. Mosher. 2,022,380; Nov. 26.
- Battery gauge. C. J. Goguen. 1,995,207; Mar. 19.
- Battery grid casting machine. G. N. Goodrich and C. G. Reetz. 1,985,893; Jan. 1.
- Battery holder and switch, Combined. H. L. Kraeft. 2,007,203; July 9.
- Battery holder, Quick change. W. S. Young. 2,007,320; July 9.
- Battery installation. G. A. Page, Jr. 1,993,893; Mar. 12.
- Battery lighting system. A. N. Smith. 2,013,080; Sept. 3.
- Battery paste, Storage. A. Stewart. 2,022,482; Nov. 26.
- Battery plate material, Storage. R. N. Chamberlain. 1,991,314; Feb. 12.
- Battery plate scrap, Utilization of. A. M. Thomsen. 2,013,813; Sept. 10.
- Battery plate, Storage. J. A. Hamilton. 2,015,636; Sept. 24.
- Battery plate, Storage. C. F. Haunz. 2,023,170; Dec. 3.
- Battery plate, Storage. E. W. Smith. 2,026,193; Dec. 31.
- Battery plates and lead-bearing materials of similar composition, Treating scrap storage. J. O. Betterton and C. W. Hanson. 2,006,256; June 25.
- Battery plates and the like, Smelting scrap. J. O. Betterton. 2,006,257; June 25.
- Battery posts, Sealing. H. D. Stanley. 2,000,199; May 7.
- Battery protector. N. H. Gowing. 2,022,595; Nov. 26.
- Battery reconditioning apparatus. A. E. Oswald. 2,000,571; May 7.
- Battery separator. C. F. Haunz. 2,001,421; May 14.
- Battery separator, Storage. L. E. Wells. 2,004,304; June 11.
- Battery separators, Making storage. J. Ekisler. 2,015,006; Sept. 17.
- Battery terminal. G. Koops. 2,009,403; July 30.
- Battery terminal. L. Levi. 1,995,184; Mar. 19.
- Battery terminal. E. Schilke. 2,002,099; May 21.
- Battery terminal clamp. D. Anderson. 1,988,535; Jan. 22.
- Battery terminal clamp and cable connector. J. A. Kimball. 1,995,182; Mar. 19.
- Battery terminal connector. C. E. Hoover. 1,998,016; Apr. 16.
- Battery terminal connector, Storage. F. Pavlovic and J. G. Sintic. 2,003,053; May 28.

- Battery terminal post, Storage. C. E. Hoover. 2,024,288; Dec. 17.
- Battery terminal puller. R. J. Kratky. 1,996,967; Apr. 9.
- Battery terminal, Storage. M. G. Smith and J. C. Pine. 1,996,355; Apr. 2.
- Battery terminal tool. J. S. Fischer. 2,020,052; Nov. 5.
- Battery testing apparatus. E. C. Fieberts. 2,021,178; Nov. 19.
- Battery testing clip. J. Taylor. 2,025,363; Dec. 24.
- Battery tool. J. H. Heard. 2,009,048; July 23.
- Battery vent cap. N. S. Amidon. 1,999,952; Apr. 30.
- Batteries, Attachment for poultry. P. E. Pronse and J. J. Donpnik. 1,989,025; Jan. 22.
- Batteries, Filling apparatus for storage. F. Hermanns. 1,993,006; Mar. 5.
- Batteries, Method of and apparatus for controlling the charging of storage. R. H. Himes. 1,993,785; Mar. 12.
- Beach accessory. H. E. Angel. 2,010,472; Aug. 6.
- Beach and lawn chair, Collapsible. C. Czynan. 2,014,614; Sept. 17.
- Beach or lounging chair, Folding. J. R. Ogden, Jr. 1,989,146; Jan. 29.
- Beach shelter. C. L. Jolly. 2,023,813; Dec. 10.
- Beaches, Method of and apparatus for cleaning, sterilizing, and smoothing. F. B. Hunter. 2,000,956; May 14.
- Beaches smooth and sterile, Maintaining sand. F. B. Hunter. 1,990,186; Feb. 5.
- Beacon. J. E. Bartow. 2,017,052; Oct. 15.
- Beacon. H. H. Thompson. 2,003,022; May 28.
- Beacon, Flashing aviation. E. C. Vrooman. 1,998,107; Apr. 16.
- Beacon for aircraft and the like, Elevation. H. I. Spring. 2,023,703; Dec. 10.
- Beacon light. A. Sprung. 2,015,442; Sept. 24.
- Beacon system. H. Scharlau. 2,011,376; Aug. 13.
- Beacon, Wind direction indicating airways. D. B. Howard. 1,989,095; Jan. 29.
- Beacons, Control of revolving. H. H. Thompson. 2,008,408; July 16.
- Head forming apparatus. J. E. Allan. 1,986,094; Jan. 1.
- Bead for pneumatic tires, and method and apparatus for producing same. L. E. Morrison. 2,014,359; Sept. 10.
- Bead laying mechanism. W. G. Lerch. 2,016,865; Oct. 8.
- Beadling for tire covers and applying same. G. A. Lyon. 2,022,123; Nov. 26.
- Beadling, molding, and the like, Finishing. A. Brooke. 2,013,598; Sept. 3.
- Beam counterbalance. E. L. Fleming. 2,022,713; Dec. 3.
- Beam hanger. S. Bigham. 1,994,749; Mar. 19.
- Beam hanger. W. J. Gourley and F. H. Barney. 2,001,247; May 14.
- Beam hanger. C. M. Markham. 2,003,635; June 4.
- Beam hanger. H. A. Winland. 2,005,283; June 18.
- Beam head. R. U. Thornton. 1,986,612; Jan. 1.
- Beam locking mechanism. A. Bousfield. 2,014,277; Sept. 10.
- Beam or girder construction. A. L. Lambert. 2,008,557; July 16.
- Beam, Structural. G. A. Hughes. 2,004,894; June 11.
- Beam wrapping. C. A. Kemper. 1,988,081; Jan. 15.
- Beaming machine for cross winding. G. Kablisch. 2,026,315; Dec. 31.
- Beams, Reinforcing. C. G. Watson. 1,989,834; Feb. 5.
- Bean cutter. E. M. Sciarini. 2,005,440; June 18.
- Bean cutter. W. E. Urschel. 1,993,197; Mar. 5.
- Bean nipping machine. B. I. Buck. 1,990,425; Feb. 5.
- Bean pod cutter. F. L. and C. R. Waldron. 1,991,267; Feb. 12.
- Bean preparing instrument, String. G. N. Coughlan. 2,010,222; Aug. 6.
- Bean threshing machine. F. J. Fuss. 2,012,041; Aug. 20.
- Beans, Treating cacao. J. J. Bajda. 2,004,497; June 11.
- Bearing. See—
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| Anti-friction bearing. | Plain bearing. |
| Axle bearing. | Roller bearing. |
| Axle journal bearing. | Self-aligning bearing. |
| Ball and socket bearing. | Self-lubricating bearing. |
| Ball bearing. | Shaft bearing. |
| Blower bearing. | Side bearing. |
| Caseless roller bearing. | Spindle bearing. |
| Composite bearing. | Spring shackle bearing. |
| Crankshaft bearing. | Steering post bearing. |
| Cutter bearing. | Tapered roller bearing. |
| High-speed bearing. | Thrust bearing. |
| Hydraulic turbine bearing. | Thrust radial bearing. |
| Jewel bearing. | Tillage disk bearing. |
| Journal bearing. | Uni-directional end-thrust bearing. |
| King pin or steering pin bearing. | Unit bearing. |
| Lubricated bearing. | Universal plain bearing. |
| Needle bearing. | Vertical shaft bearing. |
| Piston shaft bearing. | Wear compensating bearing. |
| Pitman bearing. | |
- Bearing. J. A. Boudreau and W. J. Taylor. 2,012,256; Aug. 27.
- Bearing. B. A. Brown. 1,987,178; Jan. 8.
- Bearing. C. A. Comstock. 2,011,192; Aug. 13.
- Bearing. L. Grubb. 1,996,994; Apr. 9.
- Bearing. H. A. S. Howarth. 1,987,937; Jan. 15.
- Bearing. H. A. S. Howarth. 1,991,461; Feb. 19.
- Bearing. H. A. S. Howarth. 2,023,764; Dec. 10.
- Bearing. F. T. Irgens. 1,986,150; Jan. 1.
- Bearing. C. G. Janson. 2,003,080; May 28.
- Bearing. E. Justesen. 2,019,569; Nov. 5.
- Bearing. E. T. Larkin and T. L. Sherman. 2,022,917; Dec. 3.
- Bearing. H. Ledeen. 1,989,619; Jan. 29.
- Bearing. H. R. Lontz. 2,005,502; June 18.
- Bearing. J. R. Mahan. 2,000,001; Apr. 30.
- Bearing. E. O. Mueller. 2,018,221; Oct. 22.
- Bearing. A. F. W. Ruske. 2,015,872; Oct. 1.
- Bearing. H. Stibbs. 1,987,034; Jan. 8.
- Bearing. A. G. F. Wallgren. 1,995,408; Mar. 26.
- Bearing. A. G. F. Wallgren. 1,998,888; Apr. 23.
- Bearing. A. G. F. Wallgren. 2,012,841; Aug. 27.
- Bearing. G. B. Warren. 2,008,527; July 16.
- Bearing and closure, Car wheel. S. M. Weckstein. 1,999,710; Apr. 30.
- Bearing and composition suitable therefor. C. F. Noftzger. 1,998,144; Apr. 16.
- Bearing and forming same. R. R. Searles. 2,003,906; June 4.
- Bearing and guard therefor. T. C. Delaval-Crow. 2,000,276; May 7.
- Bearing and making same, Antifriction. K. L. Herrmann. 2,016,923; Oct. 8.
- Bearing and manufacturing same, Laminated. J. A. Rosmait. 2,025,830; Dec. 31.
- Bearing and manufacturing the same, Ball and similar. G. R. Bott. 2,018,701; Oct. 29.
- Bearing and support for model airplanes, Propeller shaft. R. T. Daniel. 1,995,447; Mar. 26.
- Bearing assembly for drills, Antifriction. C. E. Reed. 2,004,013; June 4.
- Bearing assembly, Roller. A. H. Oelkers. 2,003,605; June 4.
- Bearing assembly, Roller. A. H. Oelkers. 2,023,091; Dec. 3.
- Bearing bracket. A. P. Wood. 2,012,844; Aug. 27.
- Bearing cage. G. Schildgen and G. Wehr. 2,017,772; Oct. 15.
- Bearing cage, Roller. W. L. Scribner. 2,010,113; Aug. 6.
- Bearing cage, Sectional. J. B. Baker. 2,013,123; Sept. 3.
- Bearing cages, Apparatus for making roller. S. A. Strickland. 1,995,759; Mar. 26.
- Bearing cap, Rear. J. M. Crawford and H. H. Hicks. 2,014,425; Sept. 17.
- Bearing center, Ball. E. F. G. Gibbs. 2,006,801; July 2.
- Bearing center, Ball. H. E. Tautz. 2,016,843; Oct. 8.
- Bearing construction. J. Mikulasek. 2,007,021; July 2.
- Bearing construction for rolling mills and the like. F. P. Dahlstrom. 2,018,055; Oct. 22.
- Bearing construction, Roller. F. C. Ackerman. 2,010,050; Aug. 6.
- Bearing cups, Forming roller. T. Zimmerman and A. Schrieber. 2,009,644; July 30.
- Bearing cups, Forming roller. T. Zimmerman and A. Schrieber. 2,014,605; Sept. 17.
- Bearing for centers, spindles, etc., Antifriction. E. E. Schnelle. 1,993,809; Mar. 12.
- Bearing for coffee roasters. P. A. Dubus. 2,010,752; Aug. 6.
- Bearing for conveyer hanger, Adjustable. H. S. Bilderback and I. B. McCullough. 1,999,230; Apr. 30.
- Bearing for disk cultivators, Thrust. W. E. Goble. 2,020,545; Nov. 12.
- Bearing for elastic fluid engines, Shaft. E. D. Dickinson. 2,008,543; July 16.
- Bearing for printing press couples. J. A. Isbell. 2,017,972; Oct. 22.
- Bearing for railway cars, Side. C. D. L. Rice. 2,017,259; Oct. 15.
- Bearing for vertical reciprocating engines, Crankshaft. W. Heftl. 2,014,935; Sept. 17.
- Bearing for weighing scales and the like. E. G. Hedman. 2,021,061; Nov. 12.
- Bearing journal box construction, Roller. T. V. Buckwalter. 1,999,891; Apr. 30.
- Bearing lubrication. N. H. Knowlton. 2,001,823; May 21.
- Bearing lubrication, Apparatus for testing journal. C. C. Corkran. 1,996,063; Apr. 2.
- Bearing lubrication, Journal. E. S. Pearce. 2,024,536; Dec. 17.
- Bearing lubricator. S. Kobzy. 1,995,208; Mar. 19.
- Bearing manufacture. G. S. Salzman. 1,987,752; Jan. 15.
- Bearing mechanism for valve stems. W. W. Mohr. 1,990,197; Feb. 5.
- Bearing, particularly for clock mechanisms, Shockproof. F. Marti. 2,015,905; Oct. 1.
- Bearing pin, Expansible. F. S. Robins. 1,997,309; Apr. 9.
- Bearing pin for temple rolls. S. O. Dodge. 2,012,713; Aug. 27.
- Bearing protection device. O. C. Gruender. 2,000,385; May 7.
- Bearing structure. H. W. Gillett. 2,006,859; July 2.
- Bearing structure. E. Mendenhall and J. R. Van Horn. 2,002,908; May 28.
- Bearing structure. G. T. Pfeiffer. 1,987,157; Jan. 8.
- Bearing unit, Tapered roller. M. T. Lothrop and M. S. Tyson. 2,015,229; Sept. 24.
- Bearing with fluid friction, Thrust. A. Hanschke. 1,987,849; Jan. 15.
- Bearings, Apparatus for making. J. V. O. Palm. 2,015,154; Sept. 24.
- Bearings, Apparatus for reborer engine. A. B. Keller. 2,015,940; Oct. 1.
- Bearings, External adjustment for hydraulic pump. W. Ernst. 2,021,354; Nov. 19.

- Bearings, Grinding. P. F. Hackethal. 1,997,903; Apr. 16.
 Bearings, Making. B. Stockleth. 2,017,448; Oct. 15.
 Bearings, Making plastic bronze. A. L. Boegehold. 1,991,539; Feb. 19.
 Bearings, Means for packing. G. S. Cavanaugh. 1,991,542; Feb. 19.
 Bearings, Reaming. C. A. Pendleton. 1,993,180; Mar. 5.
 Beater. C. Rockwell. 1,986,163; Jan. 1.
 Beater. H. D. Wagnon. 1,988,820; Jan. 22.
 Beater and cream whipper. Egg. J. M. Crowe. 1,993,338; Mar. 5.
 Beater, Egg. C. E. Elliott. 1,992,654; Feb. 26.
 Beater, Egg. A. Kelley. 2,007,249; July 9.
 Beater element for pulverizing apparatus. J. W. Armour. 2,021,762; Nov. 19.
 Beater mechanism, Egg. H. H. Muir. 1,987,700; Jan. 15.
 Beater, Motor driven. T. B. Myers. 2,012,516; Aug. 27.
 Bed. W. Bodmer. 1,987,592; Jan. 15.
 Bed. R. Boyd. 2,004,549; June 11.
 Bed. G. W. Gail. 1,995,205; Mar. 19.
 Bed accessory support. B. Morishita. 2,015,280; Sept. 24.
 Bed and chair, Combined. A. J. Ricketts. 2,011,874; Aug. 20.
 Bed and the like. A. Pupier. 2,014,508; Sept. 17.
 Bed attachment. R. B. Francis. 2,013,882; Sept. 10.
 Bed attachment for automobiles. E. V. Wilbern. 1,993,815; Mar. 12.
 Bed bottom. J. Kleiner. 2,010,728; Aug. 6.
 Bed bottom. R. W. Marquardt. 1,986,839; Jan. 8.
 Bed bottom. I. H. Stern. 1,994,901; Mar. 19.
 Bed, Collapsible automobile. H. C. Heinsen. 2,012,193; Aug. 20.
 Bed construction, Invalid. R. Ward. 1,990,357; Feb. 5.
 Bed, couch, and the like, Adjustable reclining. P. Wright and J. G. Logan. 2,026,153; Dec. 31.
 Bed cover holder. J. G. Allen. 2,019,947; Nov. 5.
 Bed, Davenport. J. R. Thomas. 2,007,988; July 16.
 Bed davenport, Folding. A. V. Hartford. 2,014,893; Sept. 17.
 Bed, Folding. E. Särenholm. 2,024,836; Dec. 17.
 Bed for flat bed printing presses, Movable split. J. R. Reichenbach. 2,018,572; Oct. 22.
 Bed, Gymnasium. J. S. Embree. 1,991,848; Feb. 19.
 Bed, Hospital. E. G. Wyatt. 2,009,156; July 23.
 Bed, Obstetric. A. J. Logie. 2,021,107; Nov. 12.
 Bedpan. C. H. Davis. 2,021,226; Nov. 19.
 Bedpan washer. R. L. Jewell. 1,991,941; Feb. 19.
 Bed plate. A. J. Allison. 1,986,660; Jan. 1.
 Bed plate for duplicating machines. J. W. Hernalund. 2,026,037; Dec. 31.
 Bedside adjustable table. M. H. Wright. 2,026,011; Dec. 31.
 Bed spring. A. Pittoni. 2,008,185; July 16.
 Bed tray table. A. Brown. 2,003,241; May 28.
 Bedding clamp. M. Yamashiro. 2,022,169; Nov. 26.
 Beds, Attachment for hospital. E. A. Raffo. 2,008,770; July 23.
 Bee feeder. A. C. Kehrle. 2,001,463; May 14.
 Beehive. A. E. Bill. 1,999,890; Apr. 30.
 Beehive. J. F. Knox. 2,023,959; Dec. 10.
 Beehives, Entrance for. J. D. Schlegel. 2,025,908; Dec. 31.
 Beef carcasses, Method of and apparatus for treating. G. H. Miller. 2,026,242; Dec. 31.
 Beer apparatus. J. Voss. 2,007,488; July 9.
 Beer dispensing and carbonating apparatus. J. F. Thomas and C. R. Brown. 1,991,264; Feb. 12.
 Beer dispensing apparatus. R. E. Bressler. 2,013,908; Sept. 10.
 Beer dispensing apparatus, Attachment for. W. Handler. 2,020,412; Nov. 12.
 Beer dispensing equipment. D. Sweeney. 2,001,040; May 14.
 Beer dispensing system. A. Cohen. 2,022,952; Dec. 3.
 Beer handling equipment and for treating beer, Method and apparatus for preventing accumulation of foreign matter in or on. R. B. Jackson and J. M. Lieb. 2,025,243; Dec. 24.
 Beer, Method of and apparatus for cooling. L. G. Copeman. 2,010,060; Aug. 6.
 Beer or other beverages, Apparatus for carbonating. F. J. C. Wichmann. 2,017,879; Oct. 22.
 Beer tap cone. F. Schiesser. 2,013,509; Sept. 3.
 Beer tapping mechanism. W. Buirk. 2,018,543; Oct. 22.
 Beer wort, Apparatus for aerating. K. Barth, K. Schuler, and J. Wanger. 2,001,564; May 14.
 Beers and ales, Preparing. L. Wallerstein. 1,994,494; Mar. 19.
 Beet blocking machine. L. G. Unverferth. 2,009,332; July 23.
 Beet digging device. C. Lundgren. 1,993,176; Mar. 5.
 Beet gathering and bunching machine. J. L. F. Bauer, and O. A. Holkevig. 2,009,248; July 23.
 Beet harvesting implement. J. Hargens. 1,994,818; Mar. 19.
 Bell, Alternating current. J. N. McTwiggan. 2,006,363; July 2.
 Bell, Dredge and driving. A. C. Woodruff. 2,006,037; June 25.
 Bell housing support, Automobile. J. H. Denton. 2,019,562; Nov. 5.
 Bell retort furnace. A. W. Machlet. 2,003,970; June 4.
 Bell ringer. R. J. Burrows and A. O. Williams. 2,003,340; June 4.
 Bells, Making horn. L. Greenleaf. 1,993,714; Mar. 5.
 Bellows. S. F. Arbuckle. 1,997,565; Apr. 16.
 Bellows, Apparatus for and method of making metallic. H. A. Lacey. 2,014,972; Sept. 17.
 Bellows, Expandible. R. E. Newell. 2,003,119; May 28.
 Bellows, Meter. E. Rockatellow. 2,002,870; May 28.
 Bellows tire inflating device. W. N. Smith. 2,021,154; Nov. 19.
 Belt. A. L. Freedlander. 2,016,140; Oct. 1.
 Belt. A. L. Freedlander. 2,024,443; Dec. 17.
 Belt. D. Repony. 1,999,256; Apr. 30.
 Belt. D. Repony and J. H. Matthews. 2,010,894; Aug. 13.
 Belt. L. Schreiber. 1,993,310; Mar. 5.
 Belt, Abdominal. J. Tietjen. 2,018,981; Oct. 29.
 Belt adjustment device, Fan. D. Duvelsdorf. 2,012,225; Aug. 20.
 Belt and making it. S. J. Finn. 1,986,925; Jan. 8.
 Belt, Apparel. I. E. Mather. 2,004,477; June 11.
 Belt apron fastener. D. E. Heinz. 1,998,135; Apr. 16.
 Belt, Article carrying body. J. C. Nordstrom. 2,025,886; Dec. 31.
 Belt attachment. J. Siebert. 2,007,696; July 9.
 Belt clamp device. J. R. Herring. 1,995,425; Mar. 26.
 Belt, Colostomy. M. A. Bowman. 2,002,931; May 28.
 Belt connector. A. L. Freedlander. 2,020,542; Nov. 12.
 Belt connector. A. L. Freedlander. 2,021,356; Nov. 19.
 Belt connector. E. H. Kremer. 2,000,598; May 7.
 Belt connector. E. H. Kremer. 2,002,897; May 28.
 Belt connector. C. M. Rhoades. 2,012,071; Aug. 20.
 Belt conveyor. B. Beardsley and M. V. Creedon. 1,992,349; Feb. 26.
 Belt conveyor. E. H. Oliver and R. F. Robson. 2,022,321; Nov. 26.
 Belt conveyor for ovens. J. Kosman. 2,021,257; Nov. 19.
 Belt, Disintegrating cartridge. W. T. Moore. 2,022,685; Dec. 3.
 Belt, Driving. A. J. Wendling. 2,025,007; Dec. 17.
 Belt, Elastic body. J. W. Stanford. 2,010,612; Aug. 6.
 Belt fastener. S. Amantea. 2,003,987; June 4.
 Belt fastener. J. C. Olsen. 1,989,147; Jan. 29.
 Belt fastening. C. D. Martin. 2,010,311; Aug. 6.
 Belt, Flexible. G. T. Pfleger. 2,017,291; Oct. 15.
 Belt for automatic firearms, Detachable feed. N. Mancini. 2,016,750; Oct. 8.
 Belt for garments and the like articles. H. R. Harris. 2,013,347; Sept. 3.
 Belt for paper making machines, Woven wire. H. G. Spechat. 2,003,123-4; May 28.
 Belt for personal wear. M. Luftig. 2,004,412; June 11.
 Belt guard for railway generators or the like. B. B. Watson and W. M. Keller. 1,988,639; Jan. 22.
 Belt-lacing machine. A. Valle. 2,023,652; Dec. 10.
 Belt, Machine. E. Meyer. 1,998,816; Apr. 23.
 Belt of the side-driving type. E. H. Weber. 1,988,431; Jan. 15.
 Belt or the like, Safety. E. V. Myers. 2,000,980; May 14.
 Belt, Pneumatic life. J. D. Garvey. 2,001,384; May 14.
 Belt, Power transmitting. L. H. Gladwin. 1,998,011; Apr. 16.
 Belt, Reflector. H. R. Johnson. 2,006,504; July 2.
 Belt, Reversible. M. Sachs. 2,009,325; July 23.
 Belt, Sanitary. B. and F. Lesselbaum. 1,997,883; Apr. 16.
 Belt splice. F. G. Skeyhan. 1,996,529; Apr. 2.
 Belt, Surgical. E. C. Duff. 2,010,585; Aug. 6.
 Belt Tightener. J. B. Picard. 2,008,646; July 16.
 Belt, Transmission. R. E. S. Geare. 2,008,353; July 16.
 Belt, Transmission. A. B. Merrill. 2,004,479; June 11.
 Belt treatment. L. R. Parker. 2,001,582; May 14.
 Belt, Wire. F. M. Gore. 2,001,677; May 14.
 Belting. J. C. Pistilli. 2,016,973; Oct. 8.
 Belting and other material, Device for cutting. C. Blomstrom. 1,992,600; Feb. 26.
 Belting, Embossed. W. A. Bohne. 1,994,604; Mar. 19.
 Belting fabric. J. B. Sidebotham. 1,999,578; Apr. 30.
 Belting, Manufacturing impregnated textile. A. Abrahamson and J. E. Hansen. 2,005,407; June 18.
 Belts, Connecting. A. J. Beich. 2,020,601; Nov. 12.
 Belts, Making. E. Meyer. 1,998,817; Apr. 23.
 Belts, Making power transmission. A. L. Freedlander. 2,025,278; Dec. 24.
 Bench. U. Eberhardt. 1,986,563; Jan. 1.
 Bench and making same, Greenhouse. P. Beyer. 2,022,398; Nov. 26.
 Bench, Combination motorized work and machine. C. M. Wilson. 2,016,528; Oct. 8.
 Bench, Combined concrete and wooden. N. B. Boller. 2,025,088; Dec. 24.
 Bench, Drawing. W. Martin. 1,992,082; Feb. 19.
 Bench for drawing tubes, Push. E. Röber. 2,024,185; Dec. 17.
 Bench for packing houses, Portable. B. L. Smith. 2,019,438; Oct. 29.
 Bench, Greenhouse. W. E. De Lhorbe. 2,015,924; Oct. 1.
 Bench guide, Push. S. Smith. 2,005,328; June 18.
 Bench, Knockdown kneeling. G. B. Laufer. 1,994,429; Mar. 12.
 Bench, Metal drawing. E. Röber. 2,024,186; Dec. 17.
 Bench, Optical. A. J. Ginsberg. 2,015,623; Sept. 24.
 Bench, Packing. H. D. Menober. 1,992,831; Feb. 26.
 Bench, Push. H. Wohlnick. 1,997,094; Apr. 9.
 Bench, Tube draw. D. N. Uebelhart. 1,986,691; Jan. 1.

- Bench, Vertical coking retort. G. Goetz. 2,012,447; Aug. 27.
- Bench, Vertical retort. G. H. Niles. 2,008,334; July 16.
- Bench vise and the like. M. Guillaix. 1,994,217; Mar. 12.
- Bending fixture. R. W. Broomham. 2,011,967; Aug. 20.
- Bending machine. A. J. Mason and W. L. Tancred. 1,987,021; Jan. 8.
- Bending machine for making metal tubes. A. Rafter. 2,007,284; July 9.
- Bending tool. J. Sunnen. 2,016,463; Oct. 8.
- Benzanthrone-anthraquinone selenoethers, Mixed. M. A. Perkins. 1,999,997; Apr. 30.
- Benzanthrone compounds and preparing the same. H. J. Weiland and V. M. Weinmayr. 1,990,506; Feb. 12.
- Benzanthrone selenoethers. M. A. Perkins. 1,999,999; Apr. 30.
- Benzanthryl selenoethers, Preparation of. M. A. Perkins. 1,999,996; Apr. 30.
- Benzene from light oil, Making. R. W. Campbell and F. W. Wagner. 1,991,843; Feb. 19.
- Benzene, Making chemically pure. R. W. Campbell and F. W. Wagner. 1,991,844; Feb. 19.
- Benzo-iso-tetrazoles, Production of hydrogenated. E. Wolf. 2,008,536; July 16.
- Benzol, petrol, and like light spirits, Refining or purification of. T. Scott. 1,999,112; Apr. 23.
- Benzoyl halides, Making. C. Conover. 2,006,335; July 2.
- Benzyl cellulose, Manufacture of. E. Dörr. 2,020,934; Nov. 12.
- Benzyl esters of halogenated ortho-benzoyl-benzoic acids and preparing the same. F. A. Cannon and A. Zimmerli. 1,998,489; Apr. 23.
- Benzyl piperidine-1-carbothionolate and preparing the same. D. F. Twiss and F. A. Jones. 2,003,703; June 4.
- Berry box. C. Augustin and T. P. Carroll. 2,006,877; July 2.
- Berry box. W. F. Newhouse. 1,988,698; Jan. 22.
- Berry box. H. T. Sidway. 1,992,098; Feb. 19.
- Berry box. R. A. Thomas. 2,017,222; Oct. 15.
- Berth arrangement, Vehicle. D. A. Crawford. 2,014,354; Sept. 10.
- Beryllium alloys, Producing. W. Rohn. 2,025,614-16; Dec. 24.
- Beryllium and alloys, Manufacture of. H. C. Claflin. 2,022,404; Nov. 26.
- Beryllium and aluminum compounds, Obtaining. C. B. Sawyer and B. Kjellgren. 2,018,473; Oct. 22.
- Beryllium compounds, Recovery of. J. E. Bucher. 1,988,109; Jan. 15.
- Beryllium fluoride from double fluoride of beryllium and of an alkali metal, Obtaining solutions of. M. Beja. 1,992,854; Feb. 26.
- Beryllium oxide, Recovering. K. A. Ferkel and A. I. Ellis. 1,988,567; Jan. 1.
- Beverage and ingredients therefor. G. H. Joseph and R. D. Nedvidek. 1,993,932; Mar. 12.
- Beverage and sirup, Stabilized citrus. R. H. Higby. 2,005,786; June 25.
- Beverage coil cleaner. F. J. Burns. 2,009,955; July 30.
- Beverage container. A. E. Munkel. 1,986,518; Jan. 1.
- Beverage container. R. Willeke. 2,017,426; Oct. 15.
- Beverage cooler. W. D. Maring. 2,025,118; Dec. 24.
- Beverage cooling and dispensing device. G. A. Gloor. 2,003,532; June 4.
- Beverage cooling and dispensing system. J. Dolan. 2,025,651; Dec. 24.
- Beverage delivering apparatus. M. Louis. 2,021,367-8; Nov. 19.
- Beverage dispenser. D. H. Rowler. 1,986,248; Jan. 1.
- Beverage dispenser. L. C. Smith. 1,987,947; Jan. 15.
- Beverage dispenser, Portable. F. C. Armbruster. 2,008,121; July 16.
- Beverage dispensing apparatus. W. E. Doughty. 2,000,583; May 7.
- Beverage dispensing apparatus. B. D. Wallace. 2,014,824; Sept. 17.
- Beverage dispensing device. A. Cohen. 2,022,951; Dec. 3.
- Beverage, Fermented. L. Wallenstein. 2,011,096; Aug. 13.
- Beverage maker. A. D. Olds. 2,003,490; June 4.
- Beverage making machine. I. Grilli. 2,014,325; Sept. 10.
- Beverage mixer. S. I. Berger. 2,007,361; July 9.
- Beverage mixer. F. E. Fowler. 2,018,125; Oct. 22.
- Beverage mixer. A. C. Gilbert and A. A. Arnold. 2,007,299; July 9.
- Beverage mixer and cooler. L. K. Anderson. 2,021,495; Nov. 19.
- Beverage product. K. W. Süßmuth. 2,001,554; May 14.
- Beverage vending device. J. L. Kellogg. 2,013,633; Sept. 3.
- Beverages and means therefor, System for dispensing. J. T. Loane and H. S. Offey. 2,026,238; Dec. 31.
- Beverages and other liquids, Stabilization of. G. Grindrod. 1,993,511; Mar. 5.
- Beverages, Apparatus for and method of dispensing carbonated. D. C. Seltz. 2,013,425; Sept. 3.
- Beverages, Apparatus for cooling and dispensing carbonated. J. Askin. 1,998,748; Apr. 23.
- Beverages, Apparatus for cooling draught. R. D. Pike and W. P. Stanton. 2,008,154; July 16.
- Beverages, Apparatus for making alcoholic. W. J. Schweitzer. 2,025,674; Dec. 24.
- Beverages, Apparatus for making malt. J. O'Callaghan. 1,992,089; Feb. 19.
- Beverages, Bottling carbonated. G. L. N. Meyer. 2,016,384; Oct. 8.
- Beverages, Dispensing. J. D. Strutzel. 2,015,765; Oct. 1.
- Beverages, Manufacture of chill-proofed full-bodied albuminoid-containing fermented. H. Heuser. 1,995,275; Mar. 19.
- Beverages, Maturing and ripening malt. L. Wallenstein. 2,011,095; Aug. 13.
- Beverages, Method of and apparatus for dispensing. H. H. Harr. 2,021,305; Nov. 19.
- Bezels, Making. J. R. Putnam. 2,020,740; Nov. 12.
- Bias eliminator, Automatic. H. Ladner. 2,017,977; Oct. 22.
- Bias for detectors of superheterodyne receivers, Automatic. S. W. Seeley. 2,017,019; Oct. 8.
- Bib coupling. W. L. Swanson. 1,996,218; Apr. 2.
- Bibb seating tool. R. G. Hawker. 2,018,554; Oct. 22.
- Bichromatic device for ocular refraction. V. M. Sears. 2,023,246; Dec. 3.
- Bichrome ribbon mechanism for computing machines. W. A. Anderson. 2,011,310; Aug. 13.
- Bicycle. B. Pettazzoni. 2,007,725; July 9.
- Bicycle construction. G. W. Clark. 1,991,789; Feb. 19.
- Bicycle construction. W. J. St. Onge. 1,994,837; Mar. 19.
- Bicycle frame. G. S. Lewis. 1,998,994; Apr. 23.
- Bicycle lock. J. S. Manton. 1,998,512; Apr. 23.
- Bicycle mud guard brace. E. F. Pawsat. 2,018,530; Oct. 22.
- Bicycle signaling device. N. A. Clarke. 2,011,850; Aug. 20.
- Bicycle stand. E. F. Pawsat. 2,020,904; Nov. 12.
- Bicycle stand lock. E. Young. 2,010,707; Aug. 6.
- Bier, Display. P. J. Harrah. 1,999,235; Apr. 30.
- Bill detector. O. F. Fredriksen. 2,021,484; Nov. 19.
- Billfold. P. A. Gardner. 2,007,469; July 9.
- Bill fold. F. P. Hughes. 2,024,363; Dec. 17.
- Bill fold and purse. Y. Miyeno. 2,008,220; July 16.
- Bill printing and addressing machine. H. P. Elliott. 1,986,142; Jan. 1.
- Billets, Casting. A. J. Wakelin. 1,988,062; Jan. 15.
- Billiards, Construction of. R. Seifert. 1,991,123; Feb. 12.
- Bimetal strips, Apparatus for producing. B. Stockfleth. 1,995,258; Mar. 19.
- Bimetallic article. H. W. Graham and S. L. Case. 1,990,070; Feb. 5.
- Bimetallic article. H. W. Graham and S. L. Case. 1,994,275-6; Mar. 12.
- Bimetallic articles of manufacture. R. A. Haskell. 2,014,566; Sept. 17.
- Bimetallic strips, Producing. J. V. O. Palm and G. S. Salzman. 2,022,571; Nov. 26.
- Bin or hopper. F. Helmick. 1,992,072; Feb. 19.
- Bin, Rotary dispensing. A. R. Thompson. 2,025,316; Dec. 24.
- Bin structure. G. F. Wolfe. 1,988,184; Jan. 15.
- Binder. H. T. Andrews. 2,010,127; Aug. 6.
- Binder. R. W. Bergmann. 1,999,829; Apr. 30.
- Binder. M. C. Klein. 2,007,763; July 9.
- Binder and holder, Catalogue. H. W. Edlandt. 2,019,003; Oct. 29.
- Binder and supporting belt, Post-operative. L. L. Charpier and E. D. Huntington. 2,015,255; Sept. 24.
- Binder, Corn. T. C. Askland. 2,004,090; June 11.
- Binder, Corn. G. O. Palmer. 2,009,784; July 30.
- Binder, Counter display. J. C. Burkhardt. 2,021,350; Nov. 19.
- Binder driving mechanism. E. F. Huddle. 2,025,816; Dec. 31.
- Binder finish, Fire resistant. L. W. Van Dyke. 1,994,492; Mar. 19.
- Binder for loose leaves, Permanent. W. H. Smith. 2,000,357; May 7.
- Binder for record sheets or the like, Visible shift. E. F. Brown. 2,005,968; June 25.
- Binder for textile samples. S. Widder. 1,999,553; Apr. 30.
- Binder, Locking. H. Auburn. 2,017,934; Oct. 22.
- Binder, Loose leaf. G. H. Dawson. 2,004,570; June 11.
- Binder, Loose leaf. G. H. Dawson. 2,017,342; Oct. 15.
- Binder, Loose leaf. G. H. Dawson and P. O. Unger. 1,996,463; Apr. 2.
- Binder, Loose leaf. G. H. Dawson and F. D. Wedge. 1,995,735; Mar. 26.
- Binder, Loose leaf. J. C. Dawson. 2,013,552; Sept. 3.
- Binder, Loose leaf. S. G. Johnson. 2,000,081; May 7.
- Binder, Loose leaf. S. G. Johnson. 2,000,844; May 7.
- Binder, Loose leaf. E. L. Krag. 1,991,362; Feb. 19.
- Binder, Loose leaf. A. G. Lotter. 1,993,969; Mar. 12.
- Binder, Loose leaf. A. G. Lotter. 1,995,743; Mar. 26.
- Binder, Loose leaf. A. G. Lotter. 2,000,184; May 7.
- Binder, Loose leaf. A. G. Lotter. 2,024,461; Dec. 17.
- Binder, Loose leaf. H. R. McCleary. 1,999,734; Apr. 30.
- Binder, Loose leaf. A. W. McClure. 2,021,737-8; Nov. 19.
- Binder, Loose leaf. J. R. Newland. 1,986,594; Jan. 1.
- Binder, Loose leaf. R. M. Reynolds. 2,017,218; Oct. 15.
- Binder, Loose leaf. H. D. Shedd, Jr. 2,010,418; Aug. 6.
- Binder, Loose leaf. W. Shewell and H. A. Cherry. 2,004,837; June 11.
- Binder, Loose leaf. P. O. Unger. 1,996,940; Apr. 9.
- Binder, Loose leaf. P. O. Unger. 2,023,156; Dec. 3.
- Binder, Loose leaf. R. M. Watson. 2,005,573; June 18.
- Binder, Loose leaf. W. J. Weatherly. 2,017,742; Oct. 15.

- Binder, Loose leaf. F. D. Wedge. 2,020,129; Nov. 5.
 Binder, Loose leaf. N. S. Welk. 2,002,071; May 21.
 Binder operator, Loose leaf. J. Birbaum. 1,997,447; Apr. 9.
 Binder or loose sheet holder, Temporary. L. L. Allyn and R. E. Maloney. 2,010,051; Aug. 6.
 Binder or loose sheet holder, Temporary. U. R. Tannehill. 2,017,188; Oct. 15.
 Binder, Permanent loose leaf. J. R. Newland and J. J. Polderman. 1,992,501; Feb. 26.
 Binder, Post. G. W. Newman. 2,002,155; May 21.
 Binder, Removable shift. P. O. Unger. 1,986,161; Jan. 1.
 Binder, Snap ring loose leaf. A. W. McClure. 2,013,416; Sept. 3.
 Binder tape with rotary folders, Device for using heat plastic. P. L. O'Donnell. 2,018,867; Oct. 29.
 Binder, Temporary. E. J. Bloore and W. H. T. West. 2,016,588; Oct. 8.
 Binder, Temporary. C. E. Sheppard. 1,993,810; Mar. 12.
 Binder, Variable capacity record. P. O. Unger. 1,990,965; Feb. 12.
 Binders with bituminous constituents, Apparatus for producing pulverulent hydraulic. A. Sommer. 1,989,892; Feb. 5.
 Binding, Application of French. P. L. O'Donnell. 2,018,868; Oct. 29.
 Binding for books. P. W. Bidwell. 1,998,977; Apr. 23.
 Binding materials in the form of powder or grit, to produce dextrine and other adhesives of vegetable origin, as well as for treating other materials, Apparatus for treating. A. Dreyer and W. Kutzner. 2,005,537; June 18.
 Binding or cover for periodicals and the like. W. Hull. 2,017,461; Oct. 15.
 Binding, Ski. S. L. Utterstrom. 2,022,580; Nov. 26.
 Binding, Spiral lock. H. Desbarats. 2,019,001; Oct. 29.
 Binding strip. W. Enoch. 2,015,302; Sept. 24.
 Binding strips, Apparatus for making metal. H. H. J. Kruse. 2,003,448; June 4.
 B-iodo-hydroxynaphthalenedisulphonic acids, Manufacture of. A. Stoll, A. Binkert, and W. Kussmaul. 1,988,222; Jan. 15.
 Biophysical process for preserving and conserving fermentable liquids. P. C. Clifford and J. Crespo y Garcia. 2,003,644; June 4.
 Bi-pole induction motor. S. Kobzy. 2,007,398; July 9.
 Bird bath. W. G. Richardson. 2,002,378; May 21.
 Bird box or house, Metallic. D. P. Moore. 1,987,347; Jan. 8.
 Biscuit panning machine. E. F. Marresford. 1,988,744; Jan. 22.
 Biscuits, Apparatus for cooling hot. F. Haug. 2,006,919; July 2.
 Bismuth, Production of. J. O. Betterton and Y. E. Lebedeff. 1,989,734; Feb. 5.
 Bismuth salts of organic carboxylic acids. M. Bockmühl and W. Persch. 1,991,783; Feb. 19.
 Bit: See—
 Bridle bit. Roller bit.
 Cutting bit. Roller core drilling bit.
 Disk bit. Roller drilling bit.
 Drill bit. Rotary disk bit.
 Face bit. Rotary rock bit.
 Rock disk bit. Stone channeling bit.
 Rock drilling core bit. Well drill bit.
 Rocker blade bit.
 Bit and other tools, Miner's drill. M. J. Galvin. 2,022,194; Nov. 26.
 Bit for mining machines, Cutting. J. H. Wenzlick. 1,995,235; Mar. 19.
 Bit for prospecting tools. F. C. Chew. 1,999,033; Apr. 23.
 Bit for rock drills, Detachable. R. S. Hart. 2,005,498; June 18.
 Bit head. J. H. Howard and A. C. Catland. 2,013,348; Sept. 3.
 Bit in a well casing, Indicating the position of a drilling. C. E. Burt. 2,007,465; July 9.
 Bit, milling tool, and similar tool and manufacturing the same, High speed turning. L. Klüger. 1,991,805; Feb. 19.
 Bit rock drill, Replaceable. C. Erickson. 2,010,070; Aug. 6.
 Bit structure for straight knitting machines. G. Gastrieb. 2,007,798; July 9.
 Bits for mining machines, Making. J. H. Wenzlick. 1,995,234; Mar. 19.
 Bite attachment, True. G. J. Keller. 2,001,963; May 21.
 Bituminous composition for use in sea walls. L. R. Mason. 1,987,151; Jan. 8.
 Bituminous compositions, Making. S. S. Sadtler. 1,992,240; Feb. 26.
 Bituminous emulsion and producing the same. P. R. Smith and O. R. Douthett. 1,994,542; Mar. 19.
 Bituminous paving composition. K. Daimler. 2,008,978; July 23.
 Bituminous product, Extruded. E. V. Harlow. 1,993,343; Mar. 5.
 Bituminous saturant. R. R. Thurston. 1,987,085; Jan. 8.
 Bivalve adapter. S. Hirsch. 1,993,664; Mar. 5.
 Black-board. W. B. Garden. 1,989,006; Jan. 22.
 Blackboard construction. N. C. Sorensen. 2,025,833; Dec. 31.
 Blackboard frame construction. C. M. Dill. 1,991,882; Feb. 19.
 Blade and arm for windshield cleaners. E. C. Horton and H. Hueber. 1,998,759; Apr. 23.
 Blade and package, Protected. J. Muros. 2,008,513; July 16.
 Blade attachment for trucks, Side. J. R. Ritchie. 2,011,777; Aug. 20.
 Blade drawing die. J. H. L. De Bats. 2,016,770; Oct. 8.
 Blade holder. D. Bensel. 2,023,262; Dec. 3.
 Blade of pumps or compressors. P. Zens. 1,991,308; Feb. 12.
 Blade, Protected. H. J. Gaisman. 1,987,187; Jan. 8.
 Blade, Protected. J. Muros. 2,014,977; Sept. 17.
 Blade ring for radial flow machines. U. Meininghaus. 2,006,684; July 2.
 Blade runner, Adjustable. C. Fuchs. 2,002,735; May 28.
 Blade, Safety. N. Testi. 2,003,761; June 4.
 Blade segments for radial flow machines. U. Meininghaus. 2,006,683; July 2.
 Blade supporting means for road scrapers. F. E. Arndt. 2,001,648; May 14.
 Blades, Packaging sharp edged. M. A. Friedman. 2,007,046; July 2.
 Blanc fixe. H. S. McQuaid. 2,006,219; June 25.
 Blancher. W. E. Nicholoy. 2,021,648; Nov. 19.
 Blank and box made therefrom. C. D. Knowlton. 1,988,453; Jan. 22.
 Blank arranging mechanism. J. J. Williams and J. Bauman. 2,023,561; Dec. 10.
 Blank cutting and creasing machine. L. Wismer. 2,005,064; June 18.
 Blank feeding and delivering mechanism. H. K. Dickermann and J. W. McCarthy. 2,021,648; Nov. 19.
 Blank feeding mechanism. W. W. Criley. 1,998,272; Apr. 16.
 Blank feeding mechanism for extruding machines. H. D. Simkins and O. P. DeLoe. 2,013,426; Sept. 3.
 Blank for artificial teeth. V. Fischer. 2,025,344; Dec. 24.
 Blank for forming postcards, Paper. J. Van Macklenbergh. 2,018,984; Oct. 29.
 Blank for paper bottles and the like, Paper. A. Bodor and L. B. Koch. 2,017,810; Oct. 15.
 Blank infolding and indenting machine. W. L. Dixon and A. G. Gilbert. 1,997,576; Apr. 16.
 Blank-making. C. D. Knowlton. 1,988,451; Jan. 22.
 Blank-making machine. C. D. Knowlton. 2,022,773; Dec. 3.
 Blank shearing apparatus. G. R. Jensen. 2,001,731; May 21.
 Blanking machine. H. M. Koelliker. 1,993,967; Mar. 12.
 Blanking mechanism, Temporary. S. A. Gruchacz. 1,989,412; Jan. 29.
 Blanking press. W. Ferris. 2,006,072; June 25.
 Blanks, Apparatus for forming tubular. B. Bannister. 2,017,386; Oct. 15.
 Blanks, Making. N. W. Cummins. 2,017,341; Oct. 15.
 Blanks, Making. B. H. Payne. 2,021,945; Nov. 26.
 Blanks, Mechanism for removing curling in. E. H. Brunner and S. A. Wall. 2,012,953; Sept. 3.
 Blanks of paper or the like, Device for piling and counting. K. Fillmann. 1,990,319; Feb. 5.
 Blanket. H. W. Palm. 1,988,566; Jan. 22.
 Blanket, Range. N. W. Howard. 2,014,333; Sept. 10.
 Blast furnace. M. Fränkl. 2,010,073; Aug. 6.
 Blasting. W. E. Kirst, J. W. McCoy, and C. A. Woodbury. 1,992,216; Feb. 26.
 Blasting apparatus. F. W. Camp. 2,016,250; Oct. 1.
 Blasting, Apparatus for. J. W. Sanford. 2,021,898; Nov. 26.
 Blasting explosive assembly, Waterproof. W. R. Farren and J. Smith, Jr. 2,023,784; Dec. 10.
 Blasting plug. R. J. Heitzman. 2,007,568; July 9.
 Bleacher. W. D. Willerig. 2,009,037; July 23.
 Bleachers, Movable. F. C. Fowler. 2,018,887; Oct. 29.
 Bleaching and stripping material and making same. M. Aisen. 2,005,448; June 18.
 Bleaching composition. G. W. Goerner. 1,987,059; Jan. 8.
 Bleeder device. H. W. Messinger. 2,024,654; Dec. 17.
 Bleeder for drill stems. F. C. Smith, Jr. 2,011,089; Aug. 13.
 Bleeding of animals, Device for improving the use of vacuum in the. W. B. Utterback, J. R. Nash, and T. W. Munce. 2,020,252; Nov. 5.
 Blind and hardware therefor, Venetian. A. E. Latham. 2,012,856; Aug. 27.
 Blind construction, Venetian. P. H. Kuyper. 1,993,173; Mar. 5.
 Blind construction, Venetian. P. H. Kuyper. 2,017,541; Oct. 15.
 Blind for a verandah, Sliding flexible. E. Morelli. 1,987,488; Jan. 8.
 Blind locking mechanism, Venetian. M. L. Wiener and W. F. Nelsen. 2,010,286; Aug. 6.
 Blind off valve. F. J. Winterson, A. T. Dudley, and J. Carlstrom. 2,017,383; Oct. 15.
 Blind point. W. Heinitz. 2,009,924; July 30.
 Blind tilting device, Venetian. R. C. Pratt. 2,019,270; Oct. 29.
 Blind, Venetian. G. F. Brent. 2,012,034; Aug. 20.
 Blind, Venetian. J. E. Cooper. 2,003,174; May 28.
 Blind, Venetian. S. J. Fisher. 1,994,194; Mar. 12.
 Blinds and hardware therefor, Venetian. A. E. Latham. 2,007,376; July 9.

Block: See—

Brake block. Hollow cement block.
 Building block. Ledge block.
 Carton block. Leveling and adjusting block.
 Chock block. Sheave block.
 Coiling block. Shuttle eye block.
 Constructional block. Starting block.
 Crown block. Strip metal winding block.
 Cutting machine block. Terminal connection block.
 Cylinder block. Toy block.
 Engine cylinder block. Tuyère block.
 Fuse block. V-block.
 Grinding machine guide block. Wire drawing block.

Block and wall construction, Building. C. W. Roberts. 2,012,024; Aug. 20.
 Block for balers, Division. W. F. MacGregor. 1,986,835; Jan. 8.
 Block for buildings, Balance. J. F. J. Bakker. 2,014,643; Sept. 17.
 Block for correspondence. V. H. Peltzer. 2,015,906; Oct. 1.
 Block for draft gears, Follower. H. E. Bartsch. 2,003,989; June 4.
 Block for electrical circuit interrupters, Lubricant rubbing. J. J. Rose. 2,007,217; July 9.
 Block for the tubes of fluid-cooled furnace walls, Protective. J. S. Bennett. 2,023,302; Dec. 3.
 Block forming mechanism. A. G. Hoch. 2,006,594; July 2.
 Block mold. C. F. Fleming and J. L. Havins. 2,006,132; June 25.
 Block molding apparatus. G. A. Rolland. 2,007,063; July 2.
 Blocks, Apparatus for molding cementitious. I. Stees. 1,987,874; Jan. 15.
 Blocks for printing, Making. E. F. Tretbar, Jr. 2,010,905; Aug. 13.
 Blocks, Lapping. F. F. Hillix. 2,024,999; Dec. 17.
 Blocks, Making building. F. J. Straub. 1,987,721; Jan. 15.
 Blood collecting machine for serum apparatus. G. J. Riegert. 2,023,149; Dec. 3.
 Blood transfusion apparatus. S. Pennell. 2,015,123; Sept. 24.
 Blood transfusion, Apparatus for. G. S. Harris, Jr. 2,002,008; May 21.
 Blood transfusion device. R. P. Klipp. 1,988,624; Jan. 22.
 Blotter, Fountain pen. L. Dunning. 2,010,753; Aug. 6.
 Blotting appliance. A. I. Boyle. 2,024,504; Dec. 17.
 Blotting attachment for pens. R. Innes. 2,004,870; June 11.
 Blouse and slip combination. B. Schoenberger. 1,992,892; Feb. 26.
 Blow down device, Continuous. W. D. Bell. 1,998,700; Apr. 23.
 Blow-out preventer. M. S. Black. 2,019,885; Nov. 5.
 Blow-out preventer. L. P. Kinnear. 2,021,104; Nov. 12.
 Blow pipe. W. C. Bucknam. 1,989,649; Jan. 29.
 Blowpipe. R. E. Irish. 1,988,123; Jan. 15.
 Blowpipe. S. R. Oldham. 2,024,057; Dec. 10.
 Blowpipe, Insulated. A. G. McKee. 2,023,025; Dec. 3.
 Blowtorch, Dental. E. J. Franwick. 2,001,665; May 14.
 Blower. J. E. Osburn and R. Pryne. 2,011,298; Aug. 13.
 Blower. W. E. Trumpler. 2,015,502; Sept. 24.
 Blower bearing. A. E. Fitzgerald. 2,009,653; July 30.
 Blower, Centrifugal. T. Chester. 2,001,522; May 14.
 Blower compressor unit for oil burners. W. O. Lum. 1,986,003; Jan. 1.
 Blower for cleaning the tubes of steam generators and the like, Fluid pressure operated. R. I. Moses. 2,002,787-8; May 28.
 Blower for furnaces. T. W. Price. 2,014,507; Sept. 17.
 Blower, Heat. A. A. Breuer. 1,937,039; Apr. 9.
 Blower, more particularly for use in vacuum cleaners. E. Gorissen. 2,000,480; May 7.
 Blower, Roots. G. E. A. Hallett. 2,014,932; Sept. 17.
 Blower, Soot. G. MacConville. 2,008,510; July 16.
 Blue and a new article of manufacture, Producing ultramarine. H. Dourif. 2,020,539; Nov. 12.
 Blueberry cleaner. W. E. Urschel. 2,018,157; Oct. 22.
 Blue print machine. H. J. Brunk. 1,995,199; Mar. 19.
 Blue printing. J. S. Reichert. 1,998,883; Apr. 23.
 Blue prints, Apparatus for making. H. J. Brunk. 2,024,678; Dec. 17.

Board: See—
 Advertising layout board. Mat board.
 Black board. Pack-board.
 Display board. Plaster board.
 Dough working pressure board. Plotting board.
 Drawing board. Running board.
 Duplicate cribbage board. Service station dispatch board.
 Floor board. Shirt board.
 Folding ironing board. Shirt folding board.
 Game board. Stock quotation board.
 Game playing board. Summary board.
 Insulation board. Surf board.
 Ironing board. Writing board.

Board and box made therefrom, Composite. B. M. Randall and H. N. Knowlton. 1,997,344; Apr. 9.
 Board and container made therefrom, Laminated paper. S. Bergstein. 1,987,225; Jan. 8.
 Board, Fabrication of composition fiber. P. R. Zinser. 2,016,567; Oct. 8.

Board, Forming composition fiber. P. R. Zinser. 2,016,568; Oct. 8.
 Board machine. W. H. Sutherland and C. L. Ellis. 1,996,661; Apr. 2.
 Board, Making corrugated. D. Weber. 2,008,974; July 23.
 Board, Method and apparatus for making paper. J. D. Tompkins. 2,007,551; July 9.
 Board, Method of, and apparatus for manufacturing fiber. J. N. Devereux. 1,997,136; Apr. 9.
 Board of the tongue and groove type. F. W. Cherry. 2,004,193; June 11.
 Board or panel and making the same, Wood veneered. A. N. Carstens. 1,997,996; Apr. 16.
 Board to cut-off saws, Device for advancing a. T. H. Miller. 1,994,957; Mar. 19.
 Boarding machine. K. Rausch. 2,009,518; July 30.
 Boards and like structures, Manufacture of artificial. O. W. Frost. 1,995,145; Mar. 19.
 Boards, Apparatus for continuously drying fiber. F. I. Du Pont. 2,010,917; Aug. 13.
 Boards, Attaching floor. O. L. Johnson. 2,004,917; June 11.
 Boards, Making. E. H. Streeter. 2,016,657; Oct. 8.
 Boat. A. J. Dawson. 2,011,618; Aug. 20.
 Boat. G. E. Grenier. 2,008,249; July 16.
 Boat. T. E. Mead. 1,992,711; Feb. 26.
 Boat. R. W. Miller. 1,991,512; Feb. 19.
 Boat. J. H. Odenbach and J. Cattanaach. 2,018,865; Oct. 29.
 Boat, Buoyant roller. J. Fitzgibbon. 2,011,045; Aug. 13.
 Boat, Collapsible. P. J. Huefner. 1,987,107; Jan. 8.
 Boat, Combined motor and sail. J. H. McPartland. 1,999,912; Apr. 30.
 Boat construction. H. J. Gonyer. 2,008,136; July 16.
 Boat construction. Antivibration. B. E. Balduf. 2,002,517; May 28.
 Boat construction, Insulated. C. Hussman. 1,991,675; Feb. 19.
 Boat, Folding. H. F. Wilson. 2,001,006; May 14.
 Boat, Life. A. P. Schat. 2,018,579; Oct. 22.
 Boat, Miniature or toy. F. L. Lindstrom. 2,001,365; May 14.
 Boat propulsion. R. E. Tait. 2,007,550; July 9.
 Boat, Rotor. F. M. Eslick. 1,997,578; Apr. 16.
 Boats, Propulsion of. W. Riseam. 2,003,904; June 4.
 Bob for fishlines, Illuminated. C. D. McDowell. 1,992,874; Feb. 26.
 Bobbin. C. Logotheton. 2,016,209; Oct. 1.
 Bobbin. J. W. Menefee. 2,004,414; June 11.
 Bobbin. W. E. Kiefer. 2,001,569; May 14.
 Bobbin. E. Schwelm and N. Redman. 1,996,979; Apr. 9.
 Bobbin cleaning device. E. A. McKillop. 2,014,689; Sept. 17.
 Bobbin control. E. Lepo. 1,987,344; Jan. 8.
 Bobbin conveyor for winding machines. J. O. McKean. 2,000,774; May 7.
 Bobbin drag device for spinning and like textile frames. G. N. and J. Fraser. 1,998,128; Apr. 16.
 Bobbin drag device for wrapping machines and the like. A. Bes. 1,996,450; Apr. 2.
 Bobbin feeding device for yarn winding machines. W. Reiners and G. Kahlisch. 1,991,699; Feb. 19.
 Bobbin for spinning artificial yarns, Indeformable. A. Bazzocchi. 1,989,539; Jan. 29.
 Bobbin making machine. O. K. Reinhardt. 1,995,131; Mar. 19.
 Bobbin or braiding machine. E. Krenzler. 1,989,369; Jan. 29.
 Bobbin puller. A. L. Zanetti. 2,021,824; Nov. 19.
 Bobbin receiving and guiding device for automatic looms. A. A. Gordon. 2,009,174; July 23.
 Bobbin removing device. V. E. Wheeler. 2,010,906; Aug. 13.
 Bobbin ring frame, Reciprocating. W. Cox. 1,998,981; Apr. 23.
 Bobbin, Spinning. E. Beck. 2,000,372; May 7.
 Bobbin stripper. W. Lonzo. 1,990,740; Feb. 12.
 Bobbin stripper. E. A. Terrell. 2,009,709; July 30.
 Bobbin stripper. E. A. Terrell. 2,018,980; Oct. 29.
 Bobbin stripper. E. A. Terrell. 2,020,266; Nov. 5.
 Bobbin supporting device. R. G. Lackey. 2,001,667; May 14.
 Bobbin traverse motion. E. K. Gladding and D. F. Evans. 2,004,162; June 11.
 Bobbin, Variable weight take-up. J. M. and W. E. Kiefer. 1,994,612; Mar. 19.
 Bobbins, particularly film bobbins, Manufacturing. P. Schwarz. 2,006,281; June 25.
 Bodies consisting of metallic oxides, Making. R. Reichmann. 2,021,520; Nov. 19.
 Bodies of carbon dioxide and the product, Producing solid. C. L. Jones. 2,020,189; Nov. 5.
 Body bolster construction. H. W. Stertzbach. 1,987,134; Jan. 8.
 Body lock. A. W. Molinare. 2,020,848; Nov. 12.
 Body massaging appliance. L. B. Casagrande and P. H. Bonness. 2,011,471; Aug. 13.
 Body of a tilted chassis, Device to level. W. H. Heise. 2,000,229; May 7.
 Body trim structure. A. J. Smith. 2,003,396; June 4.
 Bodywork. M. J. Daste. 1,993,651; Mar. 6.
 Bodywork. M. J. Daste. 2,010,625; Aug. 6.
 Bogle for vehicles traveling upon rails. J. Worms. 2,004,845; June 11.

- Bogies for automobiles, Two-axle. S. Möhl. 1,996,344; Apr. 2.
- Boil-off or dyeing apparatus. A. E. Demol. 2,000,745; May 7.
- Boiler: See—
 Egg boiler. Oil burning steam boiler.
 Electrically operated. Oil furnace boiler.
 boiler. Sectional boiler.
 Flue boiler. Smokeless boiler.
 Gas fired boiler. Steam boiler.
 Heating boiler. Steel boiler.
 High pressure boiler. Superheating boiler.
 Locomotive boiler. Thin steel boiler.
 Marine boiler. Water boiler.
 Mercury boiler. Water tube boiler.
 Oil burner boiler.
- Boiler. N. Artsay. 2,003,419; June 4.
- Boiler. C. W. Brabbée. 2,025,011; Dec. 17.
- Boiler. C. W. Bros. 2,025,266; Dec. 24.
- Boiler. C. T. Carlson. 2,009,160; July 23.
- Boiler. J. C. Hobbs. 1,986,821; Jan. 8.
- Boiler. D. S. Jacobus. 1,989,694; Feb. 5.
- Boiler. H. J. Kerr. 2,004,895; June 11.
- Boiler. H. J. Kerr and L. L. Langvand. 2,001,734-5; May 21.
- Boiler. H. Liessenberg. 2,016,787; Oct. 8.
- Boiler. E. Lundgren. 2,013,555; Sept. 3.
- Boiler. W. McGuiness. 1,990,743; Feb. 12.
- Boiler. L. J. Mitchell and J. A. Morrison. 2,015,350; Sept. 24.
- Boiler. T. E. Murray. 1,993,072; Mar. 5.
- Boiler. K. C. Schmidt. 1,999,982; Apr. 30.
- Boiler. S. K. Smith, G. B. Cowles, and R. C. Cross. 2,012,144; Aug. 20.
- Boiler. T. B. Stillman. 2,004,058; June 4.
- Boiler. J. R. Wade. 2,007,230; July 9.
- Boiler. G. B. Warren. 2,008,528; July 16.
- Boiler. A. U. Wetherbee. 1,995,134; Mar. 19.
- Boiler. M. and E. M. Zier. 2,006,782; July 2.
- Boiler and furnace, Steam. H. J. Kerr. 1,999,568; Apr. 30.
- Boiler and like furnaces. E. M. McNamara. 2,005,264; June 18.
- Boiler and like safety valve. M. W. T. Truner. 2,013,369; Sept. 3.
- Boiler and superheater. M. H. Kuhner. 1,990,945; Feb. 12.
- Boiler and the like. T. E. Murray and J. H. Lawrence. 1,994,071; Mar. 5.
- Boiler and water-heater, Steam. E. F. Spanner. 2,003,980; June 4.
- Boiler and water heater system. T. D. Casserly. 1,988,263; Jan. 15.
- Boiler casing. T. C. Ervin. 1,986,258; Jan. 1.
- Boiler cleaner. L. J. Bayer. 2,017,846; Oct. 22.
- Boiler cleaner. N. L. Snow. 1,995,132; Mar. 19.
- Boiler cleaner. N. L. Snow, F. Bowers, and C. L. Howse. 1,991,471; Feb. 19.
- Boiler cleaner. N. L. Snow and W. P. Thomas. 1,995,133; Mar. 19.
- Boiler cleaner. W. P. Thomas, F. Bowers, and C. E. Gross. 2,023,108; Dec. 3.
- Boiler cleaner, Automatic. A. A. Stutsman. 2,008,630; July 16.
- Boiler construction. E. Callahan. 2,018,709; Oct. 29.
- Boiler construction. J. F. McIntire. 1,993,850; Mar. 12.
- Boiler construction. J. F. McIntire. 1,993,851; Mar. 12.
- Boiler construction. S. E. Parker. 2,003,491; June 4.
- Boiler construction. F. H. Schaik. 1,997,656; Apr. 16.
- Boiler coupling device. J. F. Arthur. 2,006,139; June 25.
- Boiler feed automatic control. S. C. Hulett. 2,011,637; Aug. 20.
- Boiler feed control. O. F. Carlson. 1,997,785; Apr. 16.
- Boiler feed system, Water lock. W. D. Nore. 2,000,431; May 14.
- Boiler feed trap. H. E. K. Pohl. 1,996,026; Mar. 26.
- Boiler for pulp mills and the like. J. H. Rohrer. 2,023,031; Dec. 3.
- Boiler for use in oil firing. V. L. Falotico. 1,988,268; Jan. 15.
- Boiler furnace. E. G. Bailey, H. J. Kerr, and R. M. Hardgrove. 2,002,464; May 21.
- Boiler furnace. J. G. Coutant. 2,025,042; Dec. 24.
- Boiler furnace. D. H. N. Mayo. 1,995,034; Mar. 19.
- Boiler furnace. M. H. Kuhner. 1,998,510; Apr. 23.
- Boiler header. J. R. Kruse. 2,010,672; Aug. 6.
- Boiler impurities and for preventing boiler scale. Apparatus for removing. A. Czeczott. 1,991,922; Feb. 19.
- Boiler installation. W. L. De Baufre. 2,015,338; Sept. 24.
- Boiler installation and method of operation. K. Toensfeldt. 2,007,623; July 9.
- Boiler of the flash type, Steam. H. Bidwell. 2,007,034; July 2.
- Boiler plant. N. Brunzel. 2,005,646; June 18.
- Boiler pressure regulator. C. M. Bailey. 2,008,125; July 16.
- Boiler return system. D. B. Knight. 2,011,223; Aug. 13.
- Boiler return trap. J. M. Dougherty. 1,999,687; Apr. 30.
- Boiler scale and rust removing composition. E. L. Smead. 2,012,641; Aug. 27.
- Boiler stand. J. Lehman. 2,022,291; Nov. 26.
- Boiler system including an economizer. F. Wenge. 1,988,063; Jan. 15.
- Boiler-tube cleaner. H. L. Staley. 2,015,973; Oct. 1.
- Boiler tube cleaner. L. N. Wheelock. 2,011,330; Aug. 13.
- Boiler tube cleaning apparatus. C. S. Turner. 1,992,336; Feb. 26.
- Boiler tube cleaning apparatus. G. C. Vennum. 1,991,968; Feb. 19.
- Boiler union, Range. S. W. Ford. 1,992,200; Feb. 26.
- Boilers, Device for cleaning range. C. F. Brand. 2,024,564; Dec. 17.
- Boilers, Method and apparatus for blowing down. W. J. Hughes. 2,023,593; Dec. 10.
- Boilers, Method of and apparatus for controlling marine. G. Wünsch. 2,025,629; Dec. 24.
- Boll deflector for cotton pickers. E. A. Johnston. 2,025,514; Dec. 24.
- Bolometer, Mechanical. K. C. D. Hickman. 1,991,152; Feb. 12.
- Bolster, Body. J. A. Lamont. 2,012,999; Sept. 3.
- Bolster construction. A. Campbell. 1,999,651; Apr. 30.
- Bolster construction. R. Martinello. 2,015,948; Oct. 1.
- Bolster for plankless trucks. P. R. Drenning. 1,996,644; Apr. 2.
- Bolster, Stabilizer. E. G. Goodwin. 2,009,770; July 30.
- Bolt. I. Moeller. 2,016,610; Oct. 8.
- Bolt. J. H. Sharp. 2,008,229; July 16.
- Bolt. J. H. Sharp. 2,024,069; Dec. 10.
- Bolt. S. O. Taylor and S. J. Strid. 2,024,071; Dec. 10.
- Bolt, Anchor brake shoe. D. G. Wright. 1,994,801; Mar. 19.
- Bolt and cap for same, Lug. O. J. Seguin. 1,988,813; Jan. 22.
- Bolt and latch, Combined door. M. R. Snipes. 1,991,822; Feb. 19.
- Bolt and sleeve, Toggle. E. R. Parsons. 2,024,871; Dec. 17.
- Bolt cap. O. J. Seguin. 2,020,522; Nov. 12.
- Bolt, Expansion. H. G. Norwood. 1,989,018; Jan. 22.
- Bolt for bumpers, Self-centering end. H. S. Jandus. 1,995,352; Mar. 26.
- Bolt for window cleaners, Safety. C. Mallon and H. Malloy. 2,024,738; Dec. 17.
- Bolt, Lock. C. Richter. 2,018,574; Oct. 22.
- Bolt lock. J. Staemphli. 2,022,946; Dec. 3.
- Bolt lock construction, Antitheft. J. L. Sockwell. 2,021,109; Nov. 12.
- Bolt machine. M. J. Riley. 2,020,657; Nov. 12.
- Bolt making machine. W. L. Clouse. 1,998,979; Apr. 23.
- Bolt making machine. W. L. Clouse. 2,005,495; June 18.
- Bolt making machine. J. H. Friedman. 2,020,660; Nov. 12.
- Bolt making machine. E. R. Frost. 2,020,659; Nov. 12.
- Bolt of a lock, Lubricating the cam shaped surface of the. R. P. Beesley. 2,024,329; Dec. 17.
- Bolt, Panic. N. B. Hurd. 2,004,811; June 11.
- Bolt, Spring toggle. H. W. Pleister. 2,013,503; Sept. 3.
- Bolt, Stay. V. Nodière. 2,006,276; June 25.
- Bolt tightening apparatus, Tunnel liner. L. F. Parker. 2,009,409; July 30.
- Bolted pipe joint. P. W. Janeway, Jr. 1,987,235; Jan. 8.
- Bolted pipe joint. J. A. Perry. 2,012,793; Aug. 27.
- Bolts, Making. J. H. Sharp. 2,024,070; Dec. 10.
- Bolts, rivets, and like articles, Method of and apparatus for manufacture of. J. H. Friedman. 2,017,309; Oct. 15.
- Bomb, Bottom hole pressure. R. J. S. Pigott and G. W. Rusler. 1,998,996; Apr. 23.
- Bomb, Drop. E. W. O. Utter. 1,986,034; Jan. 1.
- Bomb sway brace. M. B. Crawford. 2,010,511; Aug. 6.
- Bond for abrasive articles. R. C. Benner and G. H. Porter. 1,993,821; Mar. 12.
- Bond or tie for built-up crank shafts. K. E. Kylen. 1,990,456; Feb. 5.
- Bonding composition, Colloidal inorganic. W. A. Boughton. 2,004,030; June 4.
- Bone and the like, Imitation. M. B. Salisbury. 2,003,958; June 4.
- Bone audition, Apparatus for. F. Bedell. 1,986,955; Jan. 8.
- Bonnet or cap for fastening devices. J. H. Brown. 1,994,978; Mar. 19.
- Book. H. C. Alger. 2,014,305; Sept. 10.
- Book. J. V. Cavalero. 2,006,824; July 2.
- Book. B. Jeffreys. 1,992,618; Feb. 26.
- Book and manufacture, Loose leaf. F. S. Schade. 1,995,865; Mar. 26.
- Book and manufacture, Loose leaf. F. S. Schade. 2,024,881; Dec. 17.
- Book back protector. D. W. McGuire. 1,995,128; Mar. 19.
- Bookbinder. A. F. Grosse and A. C. Baumgartner. 2,021,724; Nov. 19.
- Book binder construction. F. S. Schade. 2,017,220; Oct. 15.
- Bookbinder's case gauge. W. J. W. Wilson. 2,021,214; Nov. 19.
- Bookbinder's wrapping or covering machine. H. W. Pearton and H. Mills. 2,014,980; Sept. 17.
- Book-binding. D. H. Adamson. 1,995,596; Mar. 26.
- Bookbinding. J. A. Eden. 1,986,757; Jan. 1.
- Bookbinding. H. B. Martling. 2,014,973; Sept. 17.
- Bookbinding. M. Wolfson. 2,004,482; June 11.
- Book binding. J. E. Pitts. 1,989,290; Jan. 29.
- Bookbinding and binding books. E. J. Crone. 1,991,662; Book binding machine. H. C. Alger. 2,024,959; Dec. 17.
- Bookbinding machine and method. L. C. Martin. 1,988,208; Jan. 15.
- Bookcase. J. E. Wheatley. 2,011,962; Aug. 20.

- Bookcase, folding bed, and radio, Combined. J. Saperstein. 1,990,959; Feb. 12.
- Book, chart, and reference holder. F. E. Headington. 2,003,746; June 4.
- Book, Counter sales. E. Hano. 2,014,020; Sept. 10.
- Book, Counter sales. E. Hano, G. U. Lacroix, and G. Hogan. 2,004,942; June 18.
- Book, Coupon. E. A. Kelly. 2,010,724; Aug. 6.
- Book cover. M. H. Gronauer. 2,015,306; Sept. 24.
- Book cover and index. J. Schade. 1,903,351; Mar. 5.
- Book cover cementing machine. A. S. Johnson. 1,999,294; Apr. 30.
- Book-end and picture frame, Combined. C. M. Jones. 1,992,487; Feb. 26.
- Book hanger. P. L. Bush. 2,016,665; Oct. 8.
- Book hanger. C. M. Perkins. 2,007,612; July 9.
- Book hanger and marker. J. Bouvier. 1,999,583; Apr. 30.
- Book holder. W. V. Johnson. 2,001,139; May 14.
- Book holder and line finder. P. A. Jones. 2,000,485; May 7.
- Bookkeeping machine. F. Bossert. 2,005,020; June 18.
- Bookkeeping machines, Front feed device for. K. Zlabek. 1,992,562; Feb. 26.
- Book, Loose leaf. R. S. Brown. 2,023,802; Dec. 10.
- Book, Loose leaf. H. B. Stone. 2,014,994; Sept. 17.
- Book, Manifolding. C. W. Brenn. 1,990,221; Feb. 5.
- Book, Manifolding record. G. Stevens. 2,006,034; June 25.
- Bookmark. J. N. Bane. 2,001,650; May 14.
- Bookrack. H. B. and E. M. Pickering. 2,012,545; Aug. 27.
- Bookrest for bathtubs and the like. W. E. Harris-Jones. 2,006,169; June 25.
- Book rounding and backing. A. Bredenberg. 2,010,810; Aug. 13.
- Bookstack. J. H. Ford. 2,011,356; Aug. 13.
- Book stack. R. C. Walker. 2,003,670; June 4.
- Bookstack, Bracket. C. C. Waite. 2,025,138; Dec. 24.
- Book stack construction. R. C. Walker. 2,003,671; June 4.
- Bookstack, Convertible. A. S. Macdonald. 2,005,434; June 18.
- Bookstand. L. Hollingsworth. 2,016,197; Oct. 1.
- Book structure and binder for leaves. M. H. Coulston. 2,005,717; June 18.
- Book support. R. E. Wagner. 2,017,518; Oct. 15.
- Book supporting apparatus. G. H. Probst. 2,019,581; Nov. 5.
- Book, Transparent. G. H. Cornish. 1,988,998; Jan. 22.
- Book trimming machine. P. E. Kleineberg. 2,017,462; Oct. 15.
- Booklets of cigarette paper, Making. P. R. Heygel. 2,021,064; Nov. 12.
- Books and the like, Facilitating reference to and reading of. H. A. Thomson. 2,004,450; June 11.
- Books, Binding. P. A. Frazier. 1,991,608; Feb. 19.
- Boot and shoe. A. Goldberg. 2,010,856; Aug. 13.
- Boot jack, Adjustable standing. F. P. Meyer. 1,988,804; Jan. 22.
- Boot or sheath for game balls, Antiskid. M. Gallinant. 2,011,760; Aug. 20.
- Boot or shoe, Orthopedic. J. May. 1,992,672; Feb. 26.
- Boot tree. J. K. Johnston. 1,989,597; Jan. 29.
- Boot-tree. G. C. Thomas. 2,006,419; July 2.
- Boot-trees by tip casting, Apparatus for producing hollow. E. Kistinger. 2,000,449; May 7.
- Boots and shoes, Manufacture of. C. Behrens. 1,996,270; Apr. 2.
- Boots and shoes, Manufacturing. G. M. Ray. 1,989,607; Jan. 29.
- Boots and shoes, Manufacturing unlined. R. R. Guehne. 1,998,455; Apr. 23.
- Boots, shoes, or the like, Lacing or fastening. C. J. Clarke. 1,995,243; Mar. 19.
- Booth. H. Potashnik. 1,992,903; Feb. 26.
- Booth, Enamel spraying. A. Ziska. 2,026,080; Dec. 31.
- Booth, Folding shower. W. Klocke. 1,990,871; Feb. 12.
- Booth, Portable dressing. E. Watson. 1,990,804; Feb. 12.
- Booth, Pose reflecting. L. G. Simjian. 2,017,514; Oct. 15.
- Booster motor support. F. W. Martin. 2,021,315; Nov. 19.
- Borax from solutions, Crystallizing. A. Newman. 1,991,410; Feb. 19.
- Border design construction. J. G. Theobald. 2,026,107; Dec. 31.
- Border for fabrics, Producing stuffed cord. S. R. Geist. 2,015,847; Oct. 1.
- Bore cutting machine. P. H. Hutchinson. 2,000,288; May 7.
- Bore hole survey apparatus. W. E. V. Abraham. 1,987,522; Jan. 8.
- Bore holes, Apparatus for making. C. J. G. Aarts and J. A. A. Mekel. 1,993,642; Mar. 5.
- Bore holes, Making. C. J. G. Aarts and J. A. A. Mekel. 1,993,641; Mar. 5.
- Bore sighting apparatus for large caliber guns. J. B. Nolan. 1,991,177; Mar. 12.
- Boring apparatus. T. F. Sullivan. 1,990,717; Feb. 12.
- Boring apparatus adapted for the removal of the material by automatic dredging devices. P. Bogoutsky. 1,988,414; Jan. 15.
- Boring head. J. R. Johnson. 2,012,047; Aug. 20.
- Boring head and gauge for cylinder reboring machines. A. I. Dunn. 1,988,378; Jan. 15.
- Boring machine. J. S. Barnes and P. R. Guirl. 2,007,953; Boring machine. J. R. Johnson and A. Oberhoffken. 2,010,157; Aug. 6.
- Boring machine. C. E. Sorensen. 2,020,439; Nov. 12.
- Boring machine. A. Storm and T. Thorsen. 2,004,228; Boring machine. T. Thorsen. 2,009,822; July 30.
- Boring machine. J. W. Turner and E. H. Bruchmiller. 2,020,812; Nov. 12.
- Boring machine and the like. J. S. Barnes and P. R. Guirl. 2,020,868; Nov. 12.
- Boring tool. C. C. Craley. 1,989,227; Jan. 29.
- Boring tool. R. J. Meyer. 1,990,341; Feb. 5.
- Boring tool. A. Thomas. 2,003,402; June 4.
- Bornyl oxalates, Manufacture of. E. Darrasse and L. Dupont. 2,020,769; Nov. 12.
- Boron tricarboxylates, Producing. A. Hintermaier. 1,987,559; Jan. 8.
- Bottle. J. T. Hellmann. 2,007,049; July 2.
- Bottle. J. Philbrick. 2,022,520; Nov. 26.
- Bottle and apparatus therefor, Capping. A. G. Enock. 2,003,682; June 4.
- Bottle and apparatus therefor, Capsuling. A. G. Enock. 1,990,536; Feb. 12.
- Bottle and apparatus therefor, Capsuling. A. G. Enock. 2,025,812; Dec. 31.
- Bottle and closure therefor. S. C. Miller. 2,000,407; May 7.
- Bottle and manufacturing same. L. B. Koch. 2,006,143; June 25.
- Bottle and nipple, Combination nursing. H. A. Yager. 1,999,581; Apr. 30.
- Bottle and nipple, Nursing. H. A. Yager. 1,998,646; Apr. 23.
- Bottle and seal therefor. S. S. Smith. 2,014,033; Sept. 10.
- Bottle and sealing means therefor, Sealed milk. C. Ellis. 1,987,288; Jan. 8.
- Bottle and stopper assembly. F. E. A. W. Bergaud. 2,020,095; Nov. 5.
- Bottle and stopper, Safety poison. L. Rothholz. 1,998,253; Apr. 16.
- Bottle and the like. J. M. Kennedy. 2,017,209; Oct. 15.
- Bottle, Antidrip milk. C. O. Swanson. 2,012,487; Aug. 27.
- Bottle attachment. G. R. Johnson. 2,003,594; June 4.
- Bottle attachment. A. W. Perkins. 2,020,205; Nov. 5.
- Bottle attachment and making the same. H. S. Liddick. 1,989,060; Jan. 22.
- Bottle, Baby. A. Herstein. 2,025,508; Dec. 24.
- Bottle bottom inserting and spinning mechanism for paper bottle making machines. A. Bodor. 2,004,186; June 11.
- Bottle brushing device. J. L. Herold and J. W. Dawson. 2,022,200; Nov. 26.
- Bottle cap. G. A. Buttress. 2,008,576; July 16.
- Bottle cap. G. A. Buttress. 2,020,720; Nov. 12.
- Bottle cap and fountain applicator bulb, Combined. G. A. Mengle. 2,017,603; Oct. 15.
- Bottle cap and spreading device. W. E. Kuenstler. 2,005,091; June 18.
- Bottle cap, Automatic. J. H. Brady. 2,017,036; Oct. 15.
- Bottle cap, Milk. W. B. Duffy. 2,019,402; Oct. 29.
- Bottle cap or closure. B. Kuhne. 2,019,014; Oct. 29.
- Bottle cap remover. S. J. Hartwell. 1,993,141; Mar. 5.
- Bottle cap remover. L. M. Harvey. 2,005,784; June 25.
- Bottle-cap remover. J. A. Murdock. 2,018,083; Oct. 22.
- Bottle capper. C. M. Anderson. 1,988,771; Jan. 22.
- Bottle capper. L. E. Fagan and A. B. Mojonner. 1,992,693; Feb. 26.
- Bottle capping device. T. Petersen. 1,987,075; Jan. 8.
- Bottle capping machine. S. L. Block. 2,023,401; Dec. 10.
- Bottle capping machine. G. A. Buttress. 2,020,721; Nov. 12.
- Bottle capping machine. H. O. Fischer. 1,986,505; Jan. 1.
- Bottle capping machine. J. C. Kempe and E. E. Lakso. 2,023,325; Dec. 3.
- Bottle-capping machine. J. G. Roehm and S. C. Bliss. 2,006,776; July 2.
- Bottle capping machine. O. N. Tevander. 1,990,148; Feb. 5.
- Bottle capping machine. O. N. Tevander. 1,997,351; Apr. 9.
- Bottle capping machine. R. W. von Sydow and E. J. McCoy. 1,994,738; Mar. 19.
- Bottle capping machine. R. W. von Sydow and E. J. McCoy. 2,015,913; Oct. 1.
- Bottle capping, Milk. W. J. Hawkins and W. B. Bronander. 2,007,369; July 9.
- Bottle carrier. G. S. Everhart. 1,995,280; Mar. 19.
- Bottle carrier and advertising device, Milk. D. O. Nelson. 1,993,976; Mar. 12.
- Bottle carrier, Milk. W. S. Shipley. 2,007,064; July 2.
- Bottle cleaning apparatus. G. J. Meyer. 1,987,345; Jan. 8.
- Bottle cleaning device. J. L. Parsons. 2,018,086; Oct. 22.
- Bottle closure. A. Berger. 2,017,938; Oct. 22.
- Bottle closure. C. G. Carlberg. 2,000,742; May 7.
- Bottle closure. L. R. N. Carvalho. 2,021,834; Nov. 19.
- Bottle closure. A. Fonyo. 2,004,690; June 11.

- Bottle closure. G. M. Gillen and W. H. Packer. 2,018,061; Oct. 22.
- Bottle closure. F. J. Kaps. 2,001,426; May 14.
- Bottle closure. W. E. Kuenstler. 2,009,738; July 30.
- Bottle closure. H. O. Magnuson. 2,021,259; Nov. 19.
- Bottle closure. G. H. Mead. 1,986,938; Jan. 8.
- Bottle closure. J. H. Ramsey. 2,005,753; June 25.
- Bottle closure. C. H. Rasmussen. 2,019,057; Oct. 29.
- Bottle closure. R. Weisbach. 2,003,873; June 4.
- Bottle closure and eyecup. Combined. F. P. Carr. 2,019,071; Oct. 29.
- Bottle closure, Nonrefillable. F. W. Hoeter. 1,999,358; Apr. 30.
- Bottle closure with brush. T. A. Hutchison and J. A. Masbach. 2,025,286; Dec. 24.
- Bottle closures, Apparatus for use in the manufacture of swab-equipped. P. Van Cleef. 2,025,917; Dec. 31.
- Bottle closure disk. L. E. La Bombard. 1,999,934; Apr. 30.
- Bottle closures, etc., Device for applying. P. Mora. 1,990,301; Feb. 5.
- Bottle, Composition. W. J. Griffith. 2,012,127; Aug. 20.
- Bottle container. F. C. Moormann. 2,021,488; Nov. 19.
- Bottle container, Safety milk. W. H. Van Buskirk. 2,022,226; Nov. 26.
- Bottle container, Safety milk. W. H. Van Buskirk. 2,023,826; Dec. 10.
- Bottle container, Transparent. S. C. Miller and K. Britcher. 1,992,087; Feb. 19.
- Bottle conveyer drive mechanism. J. Hauk. 1,998,757; Apr. 23.
- Bottle conveying mechanism. C. Holm. 2,005,522; June 18.
- Bottle cooler. B. M. Strouse and W. H. Urbach. 1,999,670; Apr. 30.
- Bottle cover, Hygienic and safety. A. Di Giulio. 1,987,184; Jan. 8.
- Bottle, Cream separating milk. E. Schecmacker. 1,994,621; Mar. 19.
- Bottle crowner. J. Kantor. 2,017,411; Oct. 15.
- Bottle crowning machine. J. Kantor. 2,005,585; June 18.
- Bottle device, Nursing. W. D. Forbes. 2,010,258; Aug. 6.
- Bottle dispensing apparatus. C. H. Karnaghan. 2,001,786; May 21.
- Bottle dispensing cooler. R. E. Baker. 1,990,973; Feb. 12.
- Bottle dispensing device. A. Kuhn and C. H. Heitman. 2,005,092; June 18.
- Bottle drying device. C. J. Layland. 1,996,299; Apr. 2.
- Bottle, Flyber. R. D. Heymann. 2,026,171; Dec. 31.
- Bottle filling machine. F. W. Muller. 2,020,849; Nov. 12.
- Bottle filling machinery. C. W. Schraitle. 2,010,565; Aug. 6.
- Bottle filling means. F. W. Muller. 2,012,247; Aug. 20.
- Bottle handling machine and control therefor. W. I. Gladfelter. 2,013,144; Sept. 3.
- Bottle handling mechanism. R. J. Wynne. 1,988,963; Jan. 22.
- Bottle holder. P. K. Williams. 2,017,427; Oct. 15.
- Bottle holder. H. R. Tisdall. 2,024,553; Dec. 17.
- Bottle holder and lock. R. E. Augustine. 1,992,345; Feb. 26.
- Bottle, Hot water. T. W. Casey. 2,024,430; Dec. 17.
- Bottle inspecting apparatus. C. H. Miller. 2,021,696; Nov. 19.
- Bottle lifter. H. A. Hansen. 2,021,416; Nov. 19.
- Bottle lifting device. F. E. Lindesty. 2,015,486; Sept. 24.
- Bottle making process, High speed. H. W. Ingle. 2,003,940; June 4.
- Bottle, Mineral water siphon. E. J. P. Eugster. 2,019,404; Oct. 29.
- Bottle molding means, Glass. F. L. Darling. 2,006,041; June 25.
- Bottle motion mechanism for rotary bottle filling machines. J. Chignell. 1,998,156; Apr. 16.
- Bottle, Nondrip. H. J. Whelan. 2,025,406; Dec. 24.
- Bottle, Nonrefillable. F. K. Anderson. 2,000,814; May 7.
- Bottle, Nonrefillable. M. J. Belgerie and T. F. A. Unland. 2,024,843; Dec. 17.
- Bottle, Nonrefillable. I. Buchman. 2,023,305; Dec. 3.
- Bottle, Nonrefillable. F. A. Buono. 1,994,334; Mar. 12.
- Bottle, Nonrefillable. R. E. Colton. 2,012,865; Aug. 27.
- Bottle, Nonrefillable. S. G. Conkling. 2,013,726; Sept. 10.
- Bottle, Nonrefillable. S. Grauer. 2,018,019; Oct. 22.
- Bottle, Nonrefillable. B. W. Grifenhagen. 2,023,416; Dec. 10.
- Bottle, Nonrefillable. H. Kanz. 1,990,076; Feb. 5.
- Bottle, Nonrefillable. S. Lazarus. 2,013,470; Sept. 3.
- Bottle, Nonrefillable. R. L. March. 2,022,294; Nov. 26.
- Bottle, Nonrefillable. L. Schaffert. 1,990,419; Feb. 5.
- Bottle, Nonrefillable. W. W. Shaw. 2,011,457; Aug. 13.
- Bottle, Nursing. E. Geistlinger. 2,022,083; Nov. 26.
- Bottle, Nursing. H. C. and C. N. Reese. 1,999,619; Apr. 30.
- Bottle of rubber, Hot water. A. Blum. 2,024,908; Dec. 17.
- Bottle or jar closure. H. S. Brady. 1,992,181; Feb. 26.
- Bottle, Paper. R. Leibfarth. 1,995,210; Mar. 19.
- Bottle, Perfume. J. S. Stein. 2,018,878; Oct. 29.
- Bottle, Sanitary. C. V. Pollard. 1,997,914; Apr. 16.
- Bottle suspension device, Milk. H. Weigand. 1,989,436; Jan. 29.
- Bottle tap. H. Rosenberg. 2,015,158; Sept. 24.
- Bottle top, Dispensing. N. S. Martin. 2,021,562; Nov. 19.
- Bottle top lock, Milk. B. P. Youmans. 1,997,895; Apr. 16.
- Bottle transfer mechanism. G. W. Meyer. 1,998,163; Apr. 16.
- Bottle transporting box. J. A. Hopwood. 1,999,539; Apr. 30.
- Bottle turn-over device. S. A. Gurkey. 1,992,156; Feb. 19.
- Bottle valve. C. F. Leng. 1,997,527; Apr. 9.
- Bottle warmer and sterilizer. M. S. Ziskin and V. D. Zeve. 1,994,206; Mar. 12.
- Bottle washing machine. P. R. Fletcher. 1,986,964; Jan. 8.
- Bottle washing machine. A. E. Ladewig and G. F. Soelch. 2,024,373; Dec. 17.
- Bottle washing machine. W. Powley. 1,996,214; Apr. 2.
- Bottle washing machine, Milk. C. W. Walker. 2,011,786; Aug. 20.
- Bottle, Water. F. Fenton. 1,994,127; Mar. 12.
- Bottle with means for filling pens. A. van der Woerd. 2,019,240; Oct. 29.
- Bottled goods, Treatment of. E. L. Moberg. 1,991,862; Feb. 19.
- Bottles and other articles, Method and apparatus for packing. K. K. Deeren. 2,013,555; Sept. 3.
- Bottles and similar articles of hollow glassware, Manufacturing. L. G. Bates. 2,012,583; Aug. 27.
- Bottles, Apparatus for cleaning. J. L. Herold and J. W. Dawson. 2,022,201; Nov. 26.
- Bottles, Apparatus for cleaning. P. S. Pittenger. 2,003,668; June 4.
- Bottles for bottle rinsing machine, Device for feeding or withdrawing. P. L. Chelle. 2,013,032; Sept. 3.
- Bottles, jars, cans, and like articles, Apparatus for decorating. J. S. Gravely and L. N. Kersy. 2,015,669; Oct. 1.
- Bottles, Making multiple. C. B. Garwood. 2,013,382; Sept. 3.
- Bottles or containers, Apparatus for sealing paper or like. H. M. Ware. 2,012,364; Aug. 27.
- Bottles or other articles, Apparatus for use in inspecting. W. R. Simonton. 2,008,567; July 16.
- Bottling and capping device. S. J. Woodworth. 1,995,373; Mar. 26.
- Bottling, Method and apparatus for. E. L. Moberg. 2,001,209; May 14.
- Bottom dump apparatus. H. W. Sanford. 1,986,943; Jan. 8.
- Bottom filler for shoes. H. P. Mundy. 1,988,210; Jan. 15.
- Bottom for sheet normalizing furnaces, Subdivided roller. F. A. Fahrenwald. 2,023,126; Dec. 3.
- Bottom pouring, Apparatus for. F. B. McKune. 2,009,699; July 30.
- Bottom sealing device. F. Farmer. 2,010,631; Aug. 6.
- Bottom well choke. J. H. Howard. 1,996,922; Apr. 9.
- Bow. C. B. Fisher. 2,000,832; May 7.
- Bow, Archer's. Y. J. Nyvall. 2,001,470; May 14.
- Bow for stringed instruments. R. H. Turner. 2,003,161; May 28.
- Bowl, Antilapping water. R. G. Ferris. 1,989,477; Jan. 29.
- Bowl, Cooler. R. Bernhard and R. D. Cheesman. 1,989,662; Feb. 5.
- Bowl, Cream separator. F. C. Sandstrom. 2,017,734; Oct. 15.
- Bowl for separating heavy sludge and solids from lighter liquids, Centrifugal. G. J. Strezynski. 2,022,814-17; Dec. 3.
- Bowl, Fire. J. Dickman. 1,995,056; Mar. 19.
- Bowl, Packing casing. H. P. Wickersham. 2,017,451; Oct. 15.
- Bowl, Self-draining centrifugal. G. J. Strezynski. 2,000,459; May 7.
- Bowl, Sugar. L. J. Militello. 2,005,919; June 25.
- Bowl, Toilet. W. A. Henn. 2,016,636; Oct. 8.
- Bowl with integral seat posts, Water closet. M. D. Helfrich. 1,999,905; Apr. 30.
- Bowling alley. G. F. Cahill. 1,987,000; Jan. 8.
- Bowling alley. L. Hinz. 2,011,580; Aug. 20.
- Bowling alley. F. B. Kroker. 2,014,899; Sept. 17.
- Bowling game. R. Penn. 1,993,225; Mar. 5.
- Bowling game apparatus. G. D. Barker. 2,014,306; Sept. 10.
- Box: See—
- Apple box.
- Axle box.
- Bait or minnow box.
- Berry box.
- Bottle transporting box.
- Bulk loading box.
- Carboy box.
- Carburizing box.
- Carriage axle box.
- Chick box.
- Collapsible box.
- Collapsible miter box.
- Curb stop box.
- Decorated box.
- Delivery box.
- Dispensing box.
- Display box.
- Egg box.
- Exhaust box.
- Fiber board box.
- File box.
- Fishing tackle box.
- Fly box.
- Foldable box.
- Folded blank box.
- Folding box.
- Folding berry box.
- Folding display box.
- Fuse and switch box.
- Fuse box.
- Gift box.
- Hinged box.
- Impedance box.
- Jewel box.
- Journal box.
- Knockdown box.
- Letter box.
- Lockable meter box.
- Lubricated journal box.
- Lunch box.
- Mail box.
- Match box.
- Meter box.
- Outlet box.
- Packing box.
- Paper box.
- Pasteboard box.
- Pill box.
- Pitman box.
- Plywood knockdown box.

Box: See—

- Powder box.
Powder dispensing box.
Puzzle box.
Receiving box.
Reclosing box.
Rural mail box.
Shadow box.
Shipping box.
Shoeshine box.
Sound producing box.
Storage battery box.
Stuffed box.
Suit box.
Switch and fuse box.
Switch box.
Terminal box.
Tote box.
Transparent starting box.
Vanity box.
Wirebound box.
Wooden box.
Wrapped box.
- Box. P. F. Boeye. 1,987,461; Jan. 8.
Box. R. A. Bonn. 2,025,410; Dec. 24.
Box. W. E. Brelsford. 2,007,740; July 9.
Box. M. M. Brodsky. 1,986,101; Jan. 1.
Box. A. E. Bruns. 1,994,063; Mar. 12.
Box. A. E. Bruns and H. W. Rueger. 2,011,394; Aug. 13.
Box. A. E. Chesler. 2,023,992; Dec. 10.
Box. C. L. Claff. 1,997,717; Apr. 16.
Box. T. H. Gagen. 2,005,991; June 25.
Box. J. G. Huye. 2,025,589; Dec. 24.
Box. M. O. Jones. 2,011,410; Aug. 13.
Box. W. Newman. 2,018,921; Oct. 29.
Box. J. P. Oman. 2,007,810; July 9.
Box. D. T. Perry. 2,019,870; Nov. 5.
Box. L. A. Smith. 1,993,417; Mar. 5.
Box. J. A. Stock. 2,020,587; Nov. 12.
Box. C. G. and J. G. Stone. 1,995,655; Mar. 26.
Box. F. Windfuhr. 1,988,421; Jan. 1.
Box. E. Wolf. 2,004,358; June 11.
Box and bearing for railway vehicles. J. N. Blue. 2,004,921; June 18.
Box and blank for use in the manufacture thereof, Two compartment display. J. Hassenfeld. 2,010,149; Aug. 6.
Box and cable clamp, Outlet. J. Knell. 2,000,850; May 7.
Box and construction thereof, Telephone toll collecting. G. A. Long. 1,994,452; Mar. 12.
Box and cover device, Hinged. C. T. Osterberg. 2,017,129; Oct. 15.
Box and feeder, Combination shipping. R. A. Gorsuch. 2,015,341; Sept. 24.
Box and foot rest, Combined tool. H. E. Heath and G. W. Moore. 2,019,853; Nov. 5.
Box and making the same. C. E. Claff. 2,021,254; Nov. 19.
Box and making the same, Folding. C. L. Claff. 1,997,718; Apr. 16.
Box and method for securing foundation therein, Section honey. W. C. Hanson. 1,992,664; Feb. 26.
Box and packing therefor, Stuffing. J. F. McKee. 1,989,644; Jan. 29.
Box blank machine, Wirebound. G. P. Iglehart. 2,008,828; July 23.
Box construction. C. L. Claff. 2,008,608; July 16.
Box construction. C. K. Ellsworth. 2,005,027; June 18.
Box construction. F. J. Krzyszak. 1,989,320; Jan. 29.
Box construction. J. R. Miller. 1,987,305; Jan. 8.
Box construction. D. R. Palmer. 2,003,388; June 4.
Box construction and making the same, Metal. W. Feller. 2,006,827; July 2.
Box construction, Display. M. Simon. 2,006,415; July 2.
Box covering machine. H. A. Armbruster. 2,009,285; July 23.
Box dumping machine, Stacked. A. R. Thompson. 2,018,748; Oct. 29.
Box fastener. K. F. Berthold. 2,018,629; Oct. 22.
Box filling and packing machine. H. A. Campbell. 1,991,656; Feb. 19.
Box folding apparatus. I. H. Weber. 1,993,869; Mar. 12.
Box folding mechanism. F. M. Joslin. 2,014,046; Sept. 10.
Box for burial purposes, Concrete rough. F. Knuth. 2,007,151; July 2.
Box for goods, and more particularly for delicate goods, Packing. L. R. H. Hellman. 1,997,905; Apr. 16.
Box for motor vehicles, Safe. P. L. Morell. 2,010,877; Aug. 13.
Box for packing eggs and similar fragile objects. O. L. Isacson. 2,019,414; Oct. 29.
Box for polish rods, Stuffing. J. H. Howard. 2,002,012; May 21.
Box for razor blades. C. J. O'Keefe. 2,016,256; Oct. 1.
Box for transporting bottles. J. A. Hopwood. 1,994,710; Mar. 19.
Box for use in dog races and the like, Starting. G. W. Helntz. 1,997,929; Apr. 16.
Box formed of stiff paper, cardboard, or the like. J. Royle. 1,995,820; Mar. 26.
Box framing machine. H. E. Twomley. 2,004,355; June 11.
Box forming system. J. S. Stokes and E. G. Rider. 2,018,237; Oct. 22.
Box insert. P. S. Sykes. 2,023,983; Dec. 10.
Box lidding machine. H. Paxton. 1,988,507; Jan. 22.
Box liner. J. M. Smith. 2,017,608; Oct. 15.
Box machine. C. H. Nitsch. 2,000,712; May 7.
Box magazine for automatic loading weapons. F. Herlach and T. Rakula. 1,994,392; Mar. 12.
Box-making. C. D. Knowlton. 1,988,452; Jan. 22.
Box making apparatus. F. W. Riggs. 2,014,452; Sept. 17.
Box making machine. G. F. Ford and W. F. Pittman. 2,004,604; June 11.
- Box making system. J. S. Stokes. 2,016,462; Oct. 8.
Box material. A. L. Fredricksen. 2,011,046; Aug. 13.
Box moving means for lidding machines, Automatic. H. Paxton. 2,008,592; July 16.
Box opening device. S. P. F. Sneed. 2,002,591; May 28.
Box or carton. H. Levine. 2,005,345; June 18.
Box or carton, Paper. S. Katz. 1,997,523; Apr. 9.
Box or carton, Shipping or carrying. L. W. Reaume. 1,999,664; Apr. 30.
Box or charger, Film. A. S. Newman. 2,001,884; May 21.
Box or cigarette box holder, Cigarette. C. A. Spiking. 1,994,540; Mar. 19.
Box or container. H. M. Hanson. 1,985,990; Jan. 1.
Box or container, Collapsible. H. A. Carruth. 1,996,097; Apr. 2.
Box or crate. C. H. Rollason. 1,991,868; Feb. 19.
Box or housing, Switch enclosing. E. G. K. Anderson. 1,989,393; Jan. 29.
Box or package, Crayon. E. L. Curtis. 2,019,953; Nov. 5.
Box-part and blank therefor. C. D. Knowlton. 2,015,148; Sept. 24.
Box piling. A. Borberg. 2,002,521; May 28.
Box-shaped spring. P. Schowalter. 2,015,820; Oct. 1.
Box stacker. H. C. Pierce. 2,005,906; June 25.
Box staying machine. M. V. Sibby. 1,988,814; Jan. 22.
Box staying machine. C. F. Walz. 2,009,421; July 30.
Box strapping machine. H. W. Mattingly. 1,992,536; Feb. 26.
Box strapping tool. J. H. Webster. 2,007,781; July 9.
Box structure. A. S. Ethridge. 2,004,197; June 11.
Box structure. W. F. Luce. 1,997,909; Apr. 16.
Box with integral spout, Folding. F. Johnson. 2,010,863; Aug. 13.
Box with label holder. L. Willing. 2,020,343; Nov. 12.
Box with tray insert, Round cornered. H. Hermant. 2,013,051; Sept. 3.
Boxes, Apparatus for banding. B. A. E. Johnson. 1,991,281; Feb. 12.
Boxes, Apparatus for banding. B. A. E. Johnson. 2,008,867; July 23.
Boxes, Forming. J. S. Stokes. 2,015,202; Sept. 24.
Boxes from wood and box, Manufacturing. W. Klein. 2,023,687; Dec. 10.
Boxes, Making. F. Windfuhr. 1,991,437; Feb. 19.
Boxes, Method and apparatus for making decorated. G. R. Kreider, Jr. 2,021,105; Nov. 12.
Boxes, Method and apparatus for wrapping. G. R. Kreider, Jr. 1,987,627; Jan. 15.
Boxes or bags, Apparatus for producing. V. D. Popov. 1,998,904; Apr. 23.
Boxes or containers, Apparatus for closing folded. E. H. Jähne. 2,022,565; Nov. 26.
Boxes, Sealing card board. R. E. Zeruneth. 2,006,530; July 2.
Boxing machine. C. M. Hesson. 1,990,603; Feb. 12.
- Brace: See—
Bicycle mud guard brace. Jaw-brace.
Bomb sway brace. Table leg brace.
Runion brace. Tree brace.
Furniture brace.
- Brace for folding table legs. J. W. Belger. 1,987,767; Jan. 15.
Brace for folding table legs. J. W. Belger. 2,022,399; Nov. 26.
Brace for ladders. H. B. Gaffers. 2,007,713; July 9.
Brace for laundry tubs, Wringer. R. J. Curtis. 1,993,133; Mar. 5.
Brace for tube frames in Axminster looms. E. J. Dacey. 1,997,945; Apr. 9.
Brace for vehicle tail-gates. C. Kakoska. 2,009,621; July 30.
Bracelet. O. S. Davignon. 2,024,129; Dec. 10.
Bracelet. G. K. Lowe. 1,994,826; Mar. 19.
Bracelet connector. C. R. Tost. 2,024,487; Dec. 17.
Bracelet end hook. A. F. Kraemer. 2,007,538; July 9.
Bracelet extension device. G. Kurz, Jr. 1,990,885; Feb. 5.
Bracelet fastener. F. Heer, Jr. 2,015,308; Sept. 24.
Bracelet lock. V. Martin. 1,991,287; Feb. 12.
- Bracket: See—
Adjustable bracket. Ladder bracket.
Antisqueak body bracket. Lamp bracket.
Automobile side wing bracket. Orthodontia band bracket.
Battery bracket. Roof gutter bracket.
Bearing bracket. Side wing bracket.
Cable guide bracket. Strut-fairing bracket.
Curtain roller bracket. Supporting bracket.
Display bracket. Table-net bracket.
Electric lamp bracket. Tub bracket.
Flush valve bracket. Utility hanging bracket.
Hinge bracket. Venetian blind bracket.
Insulator bracket. Wire extinguisher bracket.
- Bracket. H. W. Love. 2,011,004; Aug. 13.
Bracket and guard, Combined. E. S. Cornell, Jr. 2,022,028; Nov. 26.
Bracket and securing same, Load bearing. O. B. Harmon. 2,021,780; Nov. 19.
Bracket arrangement for shelves or the like. R. E. Carlson. 2,000,124; May 7.
Bracket for attaching insulators to channel irons and I-beams. A. De Coux. 1,996,326; Apr. 2.
Bracket for blinds and the like, Supporting. C. J. Hesse. 1,995,983; Mar. 26.

- Bracket for highway guard cables, Extension. E. K. Cole. 1,989,741; Feb. 5.
- Bracket for mirrors and the like. W. La Hodny and W. Szyminski. 1,992,828; Feb. 26.
- Bracket for mirrors or the like. W. La Hodny and W. J. Szyminski. 1,991,363; Feb. 19.
- Bracket for monobjective microscopes, Pillar. W. Bauersfeld. 2,014,874; Sept. 17.
- Bracket for the air tube of an ice can, Adjustable. F. L. Clark. 2,016,073; Oct. 1.
- Braid elastic fabric and making the same. O. E. Huber. 2,022,350; Nov. 26.
- Braided product, Apparatus for making a. P. D. Cannon. 2,025,038; Dec. 24.
- Braiding carrier. M. Krissiep and H. Staub. 2,024,104; Dec. 10.
- Braiding machine. A. N. Cloutier. 2,019,777; Nov. 5.
- Braiding machine. H. A. Elliott. 2,006,826; July 2.
- Braiding machine. G. Horn. 1,990,028; Feb. 5.
- Braiding mechanism and process. R. W. Hale. 2,020,683; Nov. 12.
- Brake: See—
- Air brake. Friction brake.
- Automatic reverse brake. Hand brake.
- Aircraft wheel brake. Hub hydraulic brake.
- Airplane brake. Hydraulic brake.
- Automobile brake. Inertia brake.
- Back stop brake. One way brake.
- Car brake. Pneumatic brake.
- Clasp brake. Remote controlled brake.
- Clutch brake. Rotary drum brake.
- Differential load brake. Self-energizing brake.
- Disk brake. Servo-brake.
- Drag brake. Sled brake.
- Electric and friction brake. Speed controlled brake.
- Electric brake. Steel tape brake.
- Electrical disk brake. Steering gear brake.
- Electromagnetic brake. Train brake.
- Electropneumatic brake. Transmission brake.
- Empty and load brake. Vehicle brake.
- Engine brake. Vehicle wheel brake.
- Fluid pressure brake. Wheel brake.
- Brake. H. W. Alden and N. R. Brownier. 1,994,935; Mar. 19.
- Brake. W. J. Andres. 1,989,181; Jan. 29.
- Brake. W. J. Andres. 2,022,023; Nov. 26.
- Brake. R. S. Begg. 2,009,723; July 30.
- Brake. V. Bendix. 1,996,271; Apr. 2.
- Brake. V. Bendix and L. E. La Brie. 2,006,494; July 2.
- Brake. E. W. Bereit. 1,997,623; Apr. 16.
- Brake. J. Bittner. 2,015,704; Oct. 1.
- Brake. E. B. Boughton. 2,024,963; Dec. 17.
- Brake. L. C. Brisson. 1,998,533; Apr. 23.
- Brake. W. A. Brush. 1,995,833; Mar. 26.
- Brake. G. A. P. Carew. 2,013,948; Sept. 10.
- Brake. E. G. Carroll. 2,009,104; July 23.
- Brake. A. C. Chambers. 2,009,106; July 23.
- Brake. M. B. Chambers. 2,024,847; Dec. 17.
- Brake. T. P. Chase. 2,004,062; June 4.
- Brake. E. A. Corbin. 2,016,359; Oct. 8.
- Brake. T. Crew. 2,024,093; Dec. 10.
- Brake. M. I. De Bolt and J. E. Robertson. 1,999,286; Apr. 30.
- Brake. F. W. De Kay. 2,019,524; Nov. 5.
- Brake. W. H. Delahaye. 1,998,658; Apr. 23.
- Brake. A. Y. Dodge. 1,994,813; Mar. 19.
- Brake. A. Y. Dodge. 1,996,235; Apr. 2.
- Brake. A. Y. Dodge. 1,998,660; Apr. 23.
- Brake. A. Y. Dodge. 2,012,659; Aug. 27.
- Brake. T. L. Fawick. 2,023,674; Dec. 10.
- Brake. O. H. Fowler. 2,022,032; Nov. 26.
- Brake. F. C. Frank. 1,986,430; Jan. 1.
- Brake. F. C. Frank. 1,998,666; Apr. 23.
- Brake. F. C. Frank. 2,006,448; July 2.
- Brake. F. C. Frank. 2,012,661; Aug. 27.
- Brake. R. A. Goepfrich. 1,992,207; Feb. 26.
- Brake. R. A. Goepfrich. 1,998,669; Apr. 23.
- Brake. R. A. Goepfrich. 2,012,663-4; Aug. 27.
- Brake. E. G. Gunn. 2,001,958; May 21.
- Brake. P. E. Hall. 2,002,006; May 21.
- Brake. W. Hardy. 1,986,728; Jan. 1.
- Brake. L. Hersot. 1,989,194; Jan. 29.
- Brake. L. Hersot. 2,009,179; July 23.
- Brake. A. Hervé. 1,994,820; Mar. 19.
- Brake. J. F. Higbee. 2,001,875; May 21.
- Brake. L. H. Hoffer. 1,996,724; Apr. 2.
- Brake. R. F. Kohr. 1,994,823; Mar. 19.
- Brake. R. F. Kohr. 2,022,044-5; Nov. 26.
- Brake. A. Kolkiewicz and M. M. Weinstein. 1,992,375; Feb. 26.
- Brake. L. E. La Brie. 1,989,202; Jan. 29.
- Brake. L. E. La Brie. 1,994,825; Mar. 19.
- Brake. L. E. La Brie. 1,996,248; Apr. 2.
- Brake. L. E. La Brie. 1,998,675; Apr. 23.
- Brake. L. E. La Brie. 2,002,017; May 21.
- Brake. L. E. La Brie. 2,006,397; July 2.
- Brake. L. E. La Brie. 2,009,112; July 23.
- Brake. L. E. LaBrie. 2,018,962; Oct. 29.
- Brake. L. E. La Brie. 2,022,046; Nov. 26.
- Brake. O. J. Laming. 2,021,124; Nov. 12.
- Brake. D. F. Linsley. 2,015,719; Oct. 1.
- Brake. D. J. Martin. 2,018,458; Oct. 22.
- Brake. G. K. McCann. 2,001,933; May 21.
- Brake. M. W. McConkey. 1,989,208; Jan. 29.
- Brake. M. W. McConkey. 1,992,226-7; Feb. 26.
- Brake. M. W. McConkey. 2,001,971; May 21.
- Brake. M. W. McConkey and L. E. La Brie. 1,989,207; Jan. 29.
- Brake. J. Melling. 2,002,786; May 28.
- Brake. A. J. Musselman. 1,990,876; Feb. 12.
- Brake. O. G. Nordberg. 2,018,968; Oct. 29.
- Brake. M. D. O'Brien and J. W. Burns. 2,014,630; Sept. 17.
- Brake. H. F. Parker. 2,001,936-9; May 21.
- Brake. H. F. Parker and B. E. House. 1,994,434; Mar. 12.
- Brake. P. Pepper. 2,001,830; May 14.
- Brake. E. Price. 2,009,120; July 23.
- Brake. V. P. Reynolds. 2,025,673; Dec. 24.
- Brake. A. Rosner. 1,986,535; Jan. 1.
- Brake. R. S. Sanford. 2,009,095-6; July 23.
- Brake. R. S. Sanford. 2,022,435; Nov. 26.
- Brake. C. A. Sawtelle. 2,020,578; Nov. 12.
- Brake. F. H. Sharar. 1,986,123; Jan. 1.
- Brake. G. H. Stoner. 2,006,522; July 2.
- Brake. J. W. Tatter. 1,996,444; Apr. 2.
- Brake. J. W. Tatter. 2,022,794; Dec. 3.
- Brake. C. H. Taylor. 1,999,217; Apr. 30.
- Brake. C. H. Taylor. 2,001,944; May 21.
- Brake. E. V. Taylor. 2,009,100; July 23.
- Brake. E. V. Taylor. 2,012,644; Aug. 27.
- Brake. G. J. Thomas. 1,991,525; Feb. 19.
- Brake. J. H. Van Wagenen. 1,986,306; Jan. 1.
- Brake. F. L. O. Wadsworth. 2,009,101; July 23.
- Brake. F. L. O. Wadsworth. 2,012,647; Aug. 27.
- Brake. J. C. Wahl. 2,020,667; Nov. 12.
- Brake. F. H. Wandell. 2,004,842; June 11.
- Brake. F. H. Wells. 2,001,994; May 21.
- Brake. A. Willink. 2,017,083; Oct. 15.
- Brake. K. M. Yost. 1,998,647; Apr. 23.
- Brake actuating device for trailed vehicles, Automatic. U. Quintavalle. 1,997,117; Apr. 9.
- Brake actuating mechanism. F. G. and W. M. Folberth. 2,009,169; July 23.
- Brake adjuster, Automatic. H. E. Owens. 2,011,373; Aug. 13.
- Brake adjuster, Automatic. J. H. Page. 2,018,567; Oct. 22.
- Brake adjusting and indicating mechanism, Automatic. J. B. Des Rosiers. 2,002,139; May 21.
- Brake adjusting device. R. C. L. P. Turgot. 2,006,418; July 2.
- Brake adjusting device. L. R. Williamson. 2,009,983; July 30.
- Brake adjusting gauge. G. H. Crane. 2,002,286; May 21.
- Brake adjusting mechanism. C. G. Keller. 2,012,011; Aug. 20.
- Brake and accelerator, Control. J. Gehbauer. 1,994,699; Mar. 19.
- Brake and antitipping device, Baby carriage. S. Kroll, and N. J. Kroll. 2,014,085; Sept. 10.
- Brake and brake operating mechanism. H. Williams and C. A. Pokorny. 1,995,135; Mar. 19.
- Brake and clutch for airplane motors and the like, Combination. E. L. Linder. 2,007,766; July 9.
- Brake and clutch operating mechanism. A. Y. Dodge. 1,994,814; Mar. 19.
- Brake and clutch, Power. R. C. Russell. 2,015,192; Sept. 24.
- Brake and drum gauge, Universal. W. G. Hetherington and G. W. Ufford. 1,997,639; Apr. 16.
- Brake and signal system, Combined fluid pressure. C. C. Farmer. 1,991,890; Feb. 19.
- Brake and the like, Expanding. J. Brunton and T. Graham. 1,995,534; Mar. 26.
- Brake and throttle control mechanism, Combined. A. Abramson and P. Novák. 2,020,758; Nov. 12.
- Brake apparatus. E. Price. 2,009,121; July 23.
- Brake apparatus, Electric. J. W. Logan, Jr. 2,017,665; Oct. 15.
- Brake apparatus for heavy vehicles, Hydraulic. D. G. Carroll. 2,018,912; Oct. 29.
- Brake apparatus, Hydraulic. E. G. Carroll. 2,003,247; May 28.
- Brake apparatus, Hydraulic. B. H. Claspy and C. R. White. 1,993,873; Mar. 12.
- Brake apparatus, Hydraulic. E. A. Dickey. 1,986,799; Jan. 8.
- Brake apparatus, Hydraulic. F. H. Hall. 2,020,465; Nov. 12.
- Brake applying mechanism, Electrical and mechanical. V. G. Apple. 1,988,708; Jan. 22.
- Brake arrangement. R. G. Aurién. 1,987,658; Jan. 15.
- Brake arrangement. W. H. Baselt. 1,998,975; Apr. 23.
- Brake arrangement. E. Engel. 1,987,435; Jan. 8.
- Brake arrangement. W. C. Hedgcock. 2,021,916; Nov. 26.
- Brake arrangement. W. C. Hedgcock. 2,025,204; Dec. 24.
- Brake assembly. C. A. Sawtelle. 1,998,097; Apr. 16.
- Brake assembly. C. A. Sawtelle and A. A. Dramstaetter. 1,985,953; Jan. 1.
- Brake assembly. C. A. Sawtelle and A. A. Dramstaetter. 1,998,096; Apr. 16.
- Brake assisting device. C. Wear, Jr. 2,024,016. Dec. 10.
- Brake band. F. J. Reuter. 1,990,880; Feb. 12.
- Brake band, Fluid cooled. M. F. Yount. 2,008,633; July 16.
- Brake band, Liquid cooled flexible. J. J. Durst. 1,996,194; Apr. 2.

- Brake beam and bottom rod emergency support, Railway. E. C. Lunsford. 2,002,350; May 21.
- Brake beam fulcrum. W. H. Baselt. 2,005,927; June 25.
- Brake beam fulcrum. A. H. Peycke. 2,010,319; Aug. 6.
- Brake beam safety device. E. G. Busse. 2,003,499; June 4.
- Brake beam safety hanger. A. E. Delaney. 2,006,884; July 2.
- Brake beam safety support. S. H. Campbell and F. H. Pietzsch. 2,004,975; June 18.
- Brake beam support. H. E. Anderson. 2,021,279; Nov. 19.
- Brake beam support. J. A. Brossart, J. D. Bigelow, and R. W. Retterer. 1,995,113; Mar. 19.
- Brake beam support. E. G. Busse. 1,991,376; Feb. 19.
- Brake beam support. H. W. Ekholm and E. G. Busse. 2,003,530; June 4.
- Brake beam support. F. Schaefer. 2,019,100; Oct. 29.
- Brake beam support, Railway. H. C. Dixon. 2,005,076; June 18.
- Brake block. T. L. Gatke. 2,016,280; Oct. 8.
- Brake block, Heavy duty. J. A. Glick. 1,986,144; Jan. 1.
- Brake catch and release, Automatic. C. M. Duecy. 2,010,628; Aug. 6.
- Brake clearance adjuster. H. J. Kline. 1,991,159; Feb. 12.
- Brake compositions. J. N. Longley. 2,020,791; Nov. 12.
- Brake construction, Wheel. J. O. Heinze. 1,988,594; Jan. 22.
- Brake control. V. G. Apple and C. F. Rauen. 1,990,448; Feb. 5.
- Brake control. W. A. Brush. 1,995,834; Mar. 26.
- Brake control apparatus. W. R. Freeman. 2,018,351; Oct. 22.
- Brake control device. C. T. Denker. 2,025,220; Dec. 31.
- Brake control, Electric. G. W. Baughman. 2,017,666; Oct. 15.
- Brake control means. J. W. Logan, Jr. 2,019,314; Oct. 29.
- Brake control mechanism. V. G. Apple and C. F. Rauen. 1,998,918; Apr. 23.
- Brake controlling device. G. W. Baughman. 2,012,737-8; Aug. 27.
- Brake controlling device. C. C. Farmer. 2,017,794; Oct. 15.
- Brake controlling device. H. Pieper. 2,010,273; Aug. 6.
- Brake controlling mechanism. F. I. Libbey. 1,991,858; Feb. 19.
- Brake controlling mechanism and the like. G. M. Cross. 1,986,503; Jan. 1.
- Brake cooling means. F. C. Frank. 2,012,662; Aug. 27.
- Brake device, Electric. G. W. Baughman. 2,006,785; July 2.
- Brake device, Fluid pressure. C. C. Farmer. 2,024,632; Dec. 17.
- Brake drum. P. E. Baker and P. W. Gaenssle. 2,008,811; July 23.
- Brake drum. W. Barber. 1,990,890; Feb. 12.
- Brake drum. J. H. Barnes. 2,016,883; Oct. 8.
- Brake drum. F. E. Cooper. 1,994,689; Mar. 19.
- Brake drum. C. W. Dake. 1,998,709; Apr. 23.
- Brake drum. C. W. Dake. 2,008,173; July 16.
- Brake drum. W. H. Farr. 2,012,305; Aug. 27.
- Brake drum. E. A. Nelson. 1,990,746; Feb. 12.
- Brake drum. E. A. Nelson. 2,016,871; Oct. 8.
- Brake drum. T. M. Roseberry. 2,008,040; July 16.
- Brake drum. J. W. White. 2,026,263; Dec. 31.
- Brake drum and making the same, Composite. F. W. Schmidt. 2,014,865; Sept. 17.
- Brake drum and making the same, Composite. C. J. Whitacre. 1,995,697; Mar. 26.
- Brake drum assembly. C. R. Stough and F. W. Schmidt. 1,995,691; Mar. 26.
- Brake drum, Composite. D. J. Campbell. 2,004,061; June 4.
- Brake drum, Composite. R. J. Norton. 1,989,211; Jan. 29.
- Brake drum construction. J. E. Batie. 2,003,063; May 28.
- Brake drum construction. C. W. Sinclair. 2,003,055; May 28.
- Brake drum, Mechanical free-floating. J. A. McIntosh. 2,013,805; Sept. 10.
- Brake drum refinishing tool. E. W. Denke and F. E. Bauerle. 1,990,270; Feb. 5.
- Brake drum seal device. E. A. Nelson. 2,024,243; Dec. 17.
- Brake drum seal devices, Making. E. A. Nelson. 2,024,244; Dec. 17.
- Brake drum structure, Composite. W. D. Sargent. 1,989,465; Jan. 29.
- Brake drum truing device. W. H. Myers. 2,011,940; Aug. 20.
- Brake drums, Apparatus for forming. J. W. White. 2,000,155; May 7.
- Brake drums, Expanding. J. F. Strnad. 1,997,323; Apr. 9.
- Brake drums, Lining. W. H. Farr. 1,998,047; Apr. 16.
- Brake drums, Making. W. A. Mulhern. 2,011,772; Aug. 20.
- Brake drums or the like, Treating. W. H. Farr. 1,998,048; Apr. 16.
- Brake equalizer. A. Theriault. 2,017,774; Oct. 15.
- Brake equalizer, Automobile. C. M. Winsor. 1,993,048; Mar. 6.
- Brake equalizer, Four-wheel. P. O. Troutman. 1,996,263; Apr. 2.
- Brake equalizing mechanism. H. M. Grinslade. 1,996,332; Apr. 2.
- Brake fitting, Hydraulic. C. H. Crawley. 2,017,812; Oct. 15.
- Brake fluid. F. P. Frey. 2,020,543; Nov. 12.
- Brake fluid, Hydraulic. A. T. K. Tseng. 1,990,149; Feb. 5.
- Brake for automobiles, Internal. V. B. Taylor. 2,022,947; Dec. 3.
- Brake for automotive vehicles. G. W. Harper and A. R. Catto. 2,002,813; May 28.
- Brake for automotive vehicles. H. M. Rockwell. 2,026,401; Dec. 31.
- Brake for bicycles, Coaster. F. Winkler. 1,990,510; Feb. 12.
- Brake for braiders, Tension. G. E. Henning. 2,006,394; July 2.
- Brake for casters. W. F. Herold. 1,998,236; Apr. 16.
- Brake for cycles, Internal hub. F. Winkler. 1,998,213; Apr. 16.
- Brake for electric motors. V. Dudick. 2,025,098; Dec. 24.
- Brake for electric motors. S. Tanabe and Y. Fujitani. 2,011,382; Aug. 13.
- Brake for gyro-stabilizers. H. Walter and F. P. Hodgkinson. 2,010,681; Aug. 6.
- Brake for hoists and the like, Hydrodynamic. R. G. De La Mater. 1,992,911; Feb. 26.
- Brake for hoists, Automatic two-way. G. S. Morison. 1,993,744; Mar. 12.
- Brake for land vehicle trains, Combined mechanical and fluid. L. Campbell, Jr. 2,019,292; Oct. 29.
- Brake for motion picture apparatus. J. Stoiber. 1,997,321; Apr. 9.
- Brake for motor-driven vehicles. A. C. Adams. 2,024,137; Dec. 17.
- Brake for motor rail vehicles. E. Kindler. 2,011,411; Aug. 13.
- Brake for motor vehicles, Safety. F. C. Lamb. 2,023,599; Dec. 10.
- Brake for railway car trucks, Clasp. W. H. Baselt. 1,998,976; Apr. 23.
- Brake for rotary spindle machine tools and the like. G. Gorton. 2,013,492; Sept. 3.
- Brake for sleds or sleighs. W. H. Cook. 1,992,004; Feb. 19.
- Brake for vehicles, Booster. H. Junkers. 2,006,102; June 25.
- Brake gauging device. A. L. and R. H. Miller. 2,005,870; June 25.
- Brake head. H. E. Anderson. 2,004,743; June 11.
- Brake head. W. H. Baselt. 2,010,531; Aug. 6.
- Brake head. E. G. Busse and E. E. Griest. 1,988,831; Jan. 22.
- Brake indicating device. H. C. Roth. 2,015,731; Oct. 1.
- Brake indicator. E. Watson. 1,992,644; Feb. 26.
- Brake interlock, Fluid pressure and electric. J. F. Craig. 2,012,746; Aug. 27.
- Brake lever. F. A. Smith. 2,020,005; Nov. 5.
- Brake lining and impregnating compound for same, Treating. O. T. Hodnefeld. 2,001,194; May 14.
- Brake lining applicator. W. P. Evans and J. H. Rawson. 1,990,642; Feb. 12.
- Brake lining machine. H. Thomason. 1,997,609; Apr. 16.
- Brake lining material and producing same. A. E. Leach. 2,014,438; Sept. 17.
- Brake lining testing machine. W. S. James. 2,022,040; Nov. 26.
- Brake lining with metallic lubrication. W. Nanfeldt. 2,001,539; May 14.
- Brake linings, Method and apparatus for impregnating. C. P. Brockway. 2,004,267; June 11.
- Brake locking device for motor vehicles. E. J. Pilblad and C. C. Strange. 2,016,837; Oct. 8.
- Brake mechanism. V. G. Apple. 2,006,334; July 2.
- Brake mechanism. V. G. Apple and F. W. Cotterman. 1,989,673; Feb. 5.
- Brake mechanism. J. G. Blunt. 2,009,725; July 30.
- Brake mechanism. H. C. Bowen. 2,008,385; July 16.
- Brake mechanism. C. S. Bragg and V. W. Klierath. 2,010,477; Aug. 6.
- Brake mechanism. H. E. Burton. 2,015,741; Oct. 1.
- Brake mechanism. C. W. Collins. 1,995,704; Mar. 26.
- Brake mechanism. B. S. Floraday. 2,014,173; Sept. 10.
- Brake mechanism. F. G. and W. M. Folberth. 2,018,845; Oct. 29.
- Brake mechanism. L. E. Hodges. 1,992,484; Feb. 26.
- Brake mechanism. S. Johnson, Jr. 2,018,212; Oct. 22.
- Brake mechanism. M. LaLonde. 2,012,790; Aug. 27.
- Brake mechanism. D. L. Lotts. 2,013,891; Sept. 10.
- Brake mechanism. C. A. Matson. 1,995,936; Mar. 26.
- Brake mechanism. C. N. McDavitt. 2,009,853; July 30.
- Brake mechanism. A. F. O'Connor. 2,016,388; Oct. 8.
- Brake mechanism. H. D. Taylor. 2,025,135; Dec. 24.
- Brake mechanism. J. W. White. 2,016,761; Oct. 8.
- Brake mechanism and clutch. W. L. Avery. 1,988,888; Jan. 22.
- Brake mechanism, Drop staff. P. B. Camp. 2,007,706; July 9.
- Brake mechanism, Electric. J. W. Logan, Jr. 1,991,903; Feb. 19.
- Brake mechanism, Electric booster. V. G. Apple. 1,990,971; Feb. 12.

- Brake mechanism for automotive vehicles, Emergency. S. M. Coffman. 2,017,950; Oct. 22.
- Brake mechanism for bobbin strippers. E. A. Terrell. 2,009,350; July 23.
- Brake mechanism for reversing mechanism. C. J. Robertson. 1,989,946; Feb. 5.
- Brake mechanism for shock absorbing cars. W. P. Kellett. 2,006,772; July 2.
- Brake mechanism for vehicles, Automatic. G. L. Smith. 2,019,101; Oct. 29.
- Brake mechanism, Hand. E. C. Mersereau. 1,995,432; Mar. 26.
- Brake mechanism, Hand. F. D. Miller and E. C. Mersereau. 2,000,089; May 7.
- Brake mechanism, Hand. M. A. Prud'homme. 2,003,607; June 4.
- Brake mechanism, Hydraulic. G. F. McDougall. 2,004,078; June 4.
- Brake mechanism, Load. E. F. M. Douziech. 1,993,653; Mar. 5.
- Brake mechanism, Power operated. C. L. Thomas. 1,986,487; Jan. 1.
- Brake mechanism, Vehicle. V. G. Apple. 1,998,917; Apr. 23.
- Brake operating device, Air. C. W. Gustafson. 1,999,964; Apr. 30.
- Brake operating means for trailers. J. A. Bauer. 2,021,538; Nov. 19.
- Brake operating mechanism. H. E. Bartsch. 1,986,315; Jan. 1.
- Brake operating mechanism. F. H. Bartz. 1,987,728; Jan. 15.
- Brake operating mechanism. L. G. Gates. 1,989,092; Jan. 29.
- Brake operating mechanism. B. E. House. 2,018,915; Oct. 23.
- Brake operating mechanism. J. Sneed. 2,006,778; July 2.
- Brake operating mechanism. E. B. Wilson. 2,005,284; June 18.
- Brake operating mechanism. R. Zazarella. 1,988,066; Jan. 15.
- Brake operating mechanism for use with trailers. C. V. Clarke. 2,013,033; Sept. 3.
- Brake operating mechanism, Hand. P. B. Camp. 2,026,268; Dec. 31.
- Brake operating mechanism, Hydraulic. J. Sorensen. 2,006,487; July 2.
- Brake operator. H. Smith. 1,990,100; Feb. 5.
- Brake operator, Vehicle. A. D. Pentz. 1,998,094; Apr. 16.
- Brake or clutch mechanism. W. L. Pollock, Jr. 2,014,779; Sept. 17.
- Brake pipe vent valve device. E. Moller and F. Hildebrand. 1,993,940; Mar. 12.
- Brake release, Automatic. H. S. Pardee. 2,025,889; Dec. 31.
- Brake releasing and holding mechanism, Hand. R. W. Burnett. 1,993,207; Mar. 5.
- Brake releasing mechanism, Gravitational. H. T. Cottrell. 2,021,574; Nov. 19.
- Brake rigging. W. H. Baselt. 2,002,930; May 28.
- Brake rigging. O. K. Kjolseth. 1,998,323; Apr. 16.
- Brake rigging. J. E. Redford. 1,994,180; Mar. 12.
- Brake rigging for railway cars. C. Hankins. 2,013,048; Sept. 3.
- Brake rigging for railway cars. W. E. Wine. 2,024,788; Dec. 17.
- Brake rigging support. A. E. Ostrander. 2,021,804; Nov. 19.
- Brake safety device, Air. C. C. Bruner. 1,993,239; Mar. 5.
- Brake servicing machine. F. P. Stull. 2,011,835; Aug. 20.
- Brake shaft. R. F. Robr. 2,006,460; July 2.
- Brake shield. H. C. Babbitt. 2,013,945; Sept. 10.
- Brake shoe. E. C. Folsom. 2,004,278; June 11.
- Brake shoe. L. E. La Brie. 1,998,676; Apr. 23.
- Brake shoe. W. B. Sutherland. 1,987,875; Jan. 15.
- Brake shoe. M. H. Trask. 2,022,328; Nov. 26.
- Brake shoe. J. M. White. 2,015,829; Oct. 1.
- Brake shoe adjusting tool. M. B. Thurber. 2,015,356; Sept. 24.
- Brake shoe expander. F. V. Clancy. 2,000,011; May 7.
- Brake shoe gauge. R. D. Chase and R. J. Olson. 1,996,323; Apr. 2.
- Brake shoe inserts, Manufacture of. A. V. Spinosa and E. T. Redding. 2,011,661; Aug. 20.
- Brake shoe key. F. Schaefer. 2,026,324; Dec. 31.
- Brake shoes and the like, Manufacture of. A. Rosner. 2,015,763; Oct. 1.
- Brake signaling apparatus. E. M. Kramer. 2,013,919; Sept. 10.
- Brake structure. W. D. Sargent. 1,992,242; Feb. 26.
- Brake structure carrier. R. Bedell. 1,995,111; Mar. 19.
- Brake structure for centrifugal separators, Air-cooled. H. J. Pretto. 2,024,113; Dec. 10.
- Brake structure, Magnetic. E. S. Beckette. 2,026,015; Dec. 31.
- Brake surface. G. S. Lane. 2,025,873; Dec. 31.
- Brake system for drilling equipment. R. G. De La Mater. 1,992,910; Feb. 26.
- Brake system for drilling equipment. R. G. De La Mater. 1,992,912; Feb. 26.
- Brake system, Hydraulic. J. D. Deblieux and J. A. Dunbar. 2,020,770; Nov. 12.
- Brake system, Hydraulic. W. F. Oliver. 1,988,395; Jan. 15.
- Brake system, Vehicle. T. A. Banning, Jr. 1,998,650; Apr. 23.
- Brake tester. H. B. Kraft. 2,018,451; Oct. 22.
- Brake tester. M. Musgrave. 2,023,643; Dec. 10.
- Brake tester. A. M. Prentiss. 1,987,706; Jan. 15.
- Brake tester, Electrical. R. J. Norton. 1,986,406; Jan. 1.
- Brake tester, Vehicle. M. J. Bouxin. 2,011,238; Aug. 13.
- Brake testing apparatus. W. G. Campbell. 1,994,751; Mar. 19.
- Brake testing apparatus. G. J. Thomas. 2,011,783; Aug. 20.
- Brake testing apparatus. G. J. Thomas. 2,011,921; Aug. 20.
- Brake testing device. E. M. Kramer. 2,000,289; May 7.
- Brake testing device. A. Packard. 2,025,692; Dec. 24.
- Brake testing machine. F. P. Bucklein. 2,002,764; May 28.
- Brake testing machine. R. T. Deane. 2,022,340; Nov. 26.
- Brake testing mechanism. W. A. Ross. 1,999,947; Apr. 30.
- Brake testing mechanism, Automobile. J. L. Shroyer. 2,012,142; Aug. 20.
- Brake tool. L. R. Myers and O. Mayer. 2,016,574; Oct. 8.
- Brake truing device. A. L. and R. H. Miller. 1,996,252; Apr. 2.
- Brake valve device. D. W. Lloyd. 1,991,902; Feb. 19.
- Brake valve, Electrically controlled. S. G. Down. 2,017,689; Oct. 15.
- Brakes, Apparatus for testing. L. L. Smalley. 2,022,057; Nov. 26.
- Brakes, Attachment for automobile. V. H. Burdick. 1,991,360; Feb. 19.
- Brakes, Construction for vehicle. E. R. Evans. 2,006,633; July 2.
- Brakes, Method and apparatus for controlling resistance of hydrodynamic. R. G. de la Mater and W. Schwemlein. 1,985,889; Jan. 1.
- Brakes of a motor vehicle, Apparatus for testing the. E. Piquerez. 1,995,578; Mar. 26.
- Braking apparatus. A. Cohen. 2,001,599; May 14.
- Braking apparatus. B. Dick. 1,991,603; Feb. 19.
- Braking apparatus. B. Dick. 2,022,370; Nov. 26.
- Braking apparatus. B. Dick and S. Schnell. 2,005,855; June 25.
- Braking apparatus. E. E. Huffman. 1,997,062; Apr. 9.
- Braking apparatus. S. Schnell. 2,005,874; June 25.
- Braking apparatus. S. Schnell. 2,007,256; July 9.
- Braking apparatus. S. Schnell. 2,017,635; Oct. 15.
- Braking apparatus, Fluid pressure. A. Chevillot. 2,009,836; July 30.
- Braking apparatus, Fluid pressure. T. Tarisien. 1,994,182; Mar. 12.
- Braking apparatus, Railway. H. L. Bone. 1,990,521; Feb. 12.
- Braking apparatus, Railway. H. L. Bone. 1,996,139; Apr. 2.
- Braking apparatus, Railway. H. L. Bone and H. C. Clausen. 2,014,551; Sept. 17.
- Braking apparatus, Railway. H. L. Bone and J. W. Logan, Jr. 2,003,035; May 28.
- Braking apparatus, Railway. D. F. Cobourn. 2,023,635; Dec. 10.
- Braking apparatus, Railway. J. W. Livingston. 2,024,935; Dec. 17.
- Braking device for aircraft catapults. H. Herrmann. 1,991,212; Feb. 12.
- Braking device to automatically stop the loom. J. P. Camps. 1,988,540; Jan. 22.
- Braking, Emergency dynamic. J. F. Tritle. 2,008,524; July 16.
- Braking equipment. D. M. Smith. 2,019,322; Oct. 29.
- Braking generator for use with calendar. C. W. Drake and H. E. Nason. 1,987,670; Jan. 15.
- Braking means for vehicles, Liquid pressure. E. B. Boughton and G. Van Vestrout. 1,997,100; Apr. 9.
- Braking mechanism. C. F. Baisch and J. W. White. 2,002,876; May 28.
- Braking mechanism. F. A. Jimerson. 2,000,959; May 14.
- Braking mechanism. M. Loughhead and W. F. Oliver. 1,990,493; Feb. 12.
- Braking mechanism. E. F. Loweke. 2,016,288; Oct. 8.
- Braking mechanism for motor vehicles. F. L. Shelor. 2,021,266; Nov. 19.
- Braking mechanism for paper rolls. H. H. Raymond and J. Vance. 2,018,319; Oct. 22.
- Braking mechanism, Hoist. E. E. Greve. 1,997,727; Apr. 16.
- Braking mechanism, Web roll. H. Fankboner. 1,987,329; Jan. 8.
- Braking member. E. J. W. Ragsdale. 2,004,829; June 11.
- Braking system. V. Bendix. 2,006,382; July 2.
- Braking system. W. F. Oliver. 2,003,972; June 4.
- Braking system, Fluid pressure. E. B. Boughton, W. Emmott, and D. T. Brock. 2,008,975; July 23.
- Braking system, Fluid pressure. W. A. Eaton. 2,024,343; Dec. 17.
- Braking system for electric motors. E. W. Krebs. 1,997,464; Apr. 9.
- Braking system for vehicles. C. A. Christensen. 2,012,258; Aug. 27.
- Braking system, Four-wheel. O. Zancan. 1,988,347; Jan. 15.
- Braking wheel, Motor vehicle dirigible. C. Sauzedde. 2,008,729; July 23.

- Branding method and means. R. G. Brown. 1,995,666; Mar. 26.
- Brass and making it, Leaded. R. T. Roberts. 1,987,639; Jan. 15.
- Brass, Rail vehicle axle journal. W. Peyinghaus. 2,018,417; Oct. 22.
- Brassière. J. R. Bowen. 1,997,995; Apr. 16.
- Brassière. E. S. Caldor. 1,994,941; Mar. 19.
- Brassière. T. Fellmer. 2,014,839; Sept. 17.
- Brassière. M. DeW. French. 2,009,731; July 30.
- Brassière. B. Greenbaum. 1,994,355; Mar. 12.
- Brassière. M. Park and M. Martin. 2,023,612; Dec. 10.
- Brassière. W. Rosenthal. 2,013,110; Sept. 3.
- Brassière. H. B. Whitaker. 2,021,906; Nov. 26.
- Brassière and connecting device therefor. A. J. Sobel. 1,988,145; Jan. 15.
- Brassière back connections for evening attire. H. Schotenfels. 2,001,505; May 14.
- Brassières, Making. W. Rosenthal. 1,988,516-17; Jan. 22.
- Brassière or bust holder. B. H. Norman. 2,010,241; Aug. 6.
- Braun article and making the same. H. J. Fraser, R. J. Owens, E. K. Jenckes, and J. C. Lenhart. 1,993,600; Mar. 5.
- Braun tube. H. G. and R. Müller. 1,993,565; Mar. 5.
- Braun tube. K. Schlesinger. 2,003,775; June 4.
- Brazing, Method of and apparatus for. F. T. Cope. 2,023,354; Dec. 3.
- Bread, Baking. C. C. Frantz. 2,000,384; May 7.
- Bread, Cooling. W. L. Fleisher. 2,021,772; Nov. 19.
- Bread loaf forming apparatus, Composite baked. A. B. Tewes. 1,992,788; Feb. 26.
- Bread manufacture, Apparatus for. W. S. Foutch, Jr. 2,010,182; Aug. 6.
- Bread, Retarding staling of. A. K. Epstein and B. R. Harris. 2,009,440; July 30.
- Bread slicing machine. W. E. Bettendorf. 2,022,877; Dec. 3.
- Bread slicing machine. W. E. Bettendorf and H. H. Yerk. 2,000,816; May 7.
- Bread slicing machine. H. J. Criner. 1,996,462; Apr. 2.
- Bread slicing machine. H. J. Criner. 1,997,898; Apr. 16.
- Bread slicing machine. H. J. Criner. 2,018,121; Oct. 22.
- Bread slicing machine. S. Debus. 2,011,475; Aug. 13.
- Bread slicing machine. I. C. Gellman. 2,024,414; Dec. 17.
- Bread slicing machine. E. E. Poulin. 2,011,871; Aug. 20.
- Bread slicing machine, Epicyclic. F. R. Schmitt. 2,008,111; July 16.
- Bread slicing machine, Multiple bladed. R. W. Egan. 1,986,189; Jan. 1.
- Bread wrapping and sealing machine. C. P. Schmidt and E. C. Jansen. 1,993,488; Mar. 5.
- Breakwater construction. G. W. Powers. 2,014,116; Sept. 10.
- Breaker arm. O. C. Holloper. 2,026,344; Dec. 31.
- Breaker for elongated material. B. G. Klugh. 1,994,102; Mar. 5.
- Breaker strip. P. H. Cruikshank. 2,008,063; July 16.
- Breaking-in machine for shoes. E. J. Bliss. 2,008,237; July 16.
- Breast and bench drill, Convertible. S. A. Gaede. 2,015,790; Oct. 1.
- Breast-supporter. H. Moity. 2,015,151; Sept. 24.
- Breathing apparatus, Operating. A. Bloch. 2,004,243; June 11.
- Breech closure and firing mechanism. J. C. White. 1,996,393; Apr. 2.
- Brick. C. P. Austin. 2,018,541; Oct. 22.
- Brick and wall produced therewith, Interlocking. S. F. Brooks. 2,006,910; July 2.
- Brick, Building. V. A. Earnhart. 2,023,987; Dec. 10.
- Brick building construction. L. F. Starks and E. F. Flanders. 1,990,008; Feb. 5.
- Brick building construction, Reinforced. H. J. Hincke. 2,019,133; Oct. 29.
- Brick, Building or paving. O. Seidler. 2,013,768; Sept. 10.
- Brick embossing device. R. A. Clem. 1,997,859; Apr. 16.
- Brick facing support. S. Sarar. 2,000,616; May 7.
- Brick for furnaces, Interlocking fire. A. J. Passino. 1,988,856; Jan. 22.
- Brick kiln arch and producing same. A. C. Lutter. 1,990,832; Feb. 12.
- Brick mold. C. E. Walker. 2,015,980; Oct. 1.
- Brick, Nail-on. W. F. Mitte. 1,986,739; Jan. 1.
- Brick or block, Perforated building. E. A. Stewart. 2,022,928; Dec. 3.
- Brick, Refractory. C. Otto. 2,018,223; Oct. 22.
- Brick siding, Imitation. J. A. Klimsza. 1,986,829; Jan. 8.
- Brick siding wall plate, Combination. A. Relsig. 2,018,805; Oct. 29.
- Brick veneer and applying the same. S. Z. Trachtenberg. 2,024,312; Dec. 17.
- Bricks, Coloring. W. S. Damhorst. 2,020,137; Nov. 5.
- Bricks, Manufacturing. H. Nielsen. 1,995,576; Mar. 26.
- Bridge. W. E. Irving. 1,991,154; Feb. 12.
- Bridge arrangement. W. Buschbeck. 2,002,338; May 21.
- Bridge, Bascule. H. Breitwieser. 2,011,467; Aug. 13.
- Bridge bidding machine. F. B. Watkins. 2,004,513; June 11.
- Bridge control system. J. A. Setter. 2,004,770; June 11.
- Bridge, Extensible temporary. C. A. Thomas. 2,002,048; May 21.
- Bridge for bifocal lenses, Adjustable. A. O. Yoe. 2,020,629; Nov. 12.
- Bridge lamp, Extension arms. E. E. and H. F. Metz, Jr. 2,024,655; Dec. 17.
- Bridge or bridge-like structure, Framed. A. M. Hamilton. 2,024,001; Dec. 10.
- Bridge support for eyeglass frames. F. Bock. 2,006,569; July 2.
- Bridge, Suspension. C. C. Sunderland. 2,011,168; Aug. 13.
- Bridle bit. L. B. Bergen. 2,012,705; Aug. 27.
- Bridle bit. L. L. Rupert. 2,006,032; June 25.
- Bridle bit. T. W. Tepper. 2,017,021; Oct. 8.
- Brief case. W. Finkelstein. 2,010,428; Aug. 6.
- Brief-case and portfolio, Multipocket. L. Stein. 2,011,879; Aug. 20.
- Brinell-numbers, Apparatus for the determination of. S. L. E. Falk. 2,002,495; May 28.
- Brines, Purification of. G. N. Terziev. 1,999,709; Apr. 30.
- Briquette and making the same, Iron-bearing. C. E. Williams and J. D. Sullivan. 1,994,378-9; Mar. 12.
- Briquette machine. R. T. Bowling. 2,013,026; Sept. 3.
- Briquette-making apparatus. G. Komarek. 2,016,639; Oct. 8.
- Briquettes, Making. R. T. Bowling. 1,990,632; Feb. 12.
- Briquettes, Making. W. L. Hoernle. 1,990,405; Feb. 5.
- Briquetting machine. R. T. Bowling. 1,990,631; Feb. 12.
- Briquetting machine. J. P. Cullen. 1,997,813; Apr. 16.
- Briquetting machine. C. Scholz. 1,986,365; Jan. 1.
- Bristles, straw and the like, Making artificial. C. Dreyfus and W. Whitehead. 1,999,404; Apr. 30.
- Bristling a brush support. M. W. Alexander. 2,017,845; Oct. 22.
- Broach, Spiral. C. J. Halborg. 2,011,630; Aug. 20.
- Broaching apparatus. R. K. Hopkins. 1,991,937; Feb. 19.
- Broaching apparatus. A. L. Roco. 2,013,899; Sept. 10.
- Broaching machine. M. Romaine. 2,024,251; Dec. 17.
- Broaching machine. M. Romaine and E. G. Roehm. 2,002,924; May 28.
- Broaching machine. M. Romaine and E. G. Roehm. 2,024,252-3; Dec. 17.
- Broaching machine. M. Romaine and E. G. Roehm. 2,024,254; Dec. 17.
- Broaching machine for shift rods. W. A. Hart. 2,008,208; July 16.
- Broaching tool. F. F. Graham, Jr. 2,003,144; May 28.
- Broadcasting. Equal wave length. H. Harbich. 1,988,275; Jan. 15.
- Broadcasting system. R. D. Duncan, Jr. 1,996,149; Apr. 2.
- Broadhead hunting point. F. Kindle and R. E. Speck. 2,005,424; June 18.
- Broiler. A. Peron. 1,988,087; Jan. 15.
- Broiler, Adjustable extension. E. W. Pape. 2,008,222; July 16.
- Broiler, Adjustable oven. F. N. Dikeman. 2,006,385; July 2.
- Broiler and heater, Combined electric. J. E. Rhodes. 2,025,899; Dec. 31.
- Broiler and toaster. J. L. Bennett. 1,999,002; Apr. 23.
- Broiler drawer. L. Moore. 1,998,517; Apr. 23.
- Broiler, Electric. J. E. Rhodes. 2,025,898; Dec. 31.
- Broiler grid and pan, Combination. J. C. Rogers. 2,012,620; Aug. 27.
- Broiler operating mechanism. R. D. Wells. 1,986,035; Jan. 1.
- Broiler pan. E. F. Kennedy and J. Terr. 1,988,871; Jan. 22.
- Bromides, Making. I. F. Harlow and C. E. Short. 2,007,758; July 9.
- Bronze, bronze powders and making the same. E. J. Hall. 2,002,891; May 28.
- Bronze powder pigments, Producing. D. M. Boothman. 2,017,851; Oct. 22.
- Bronze wastes for recovering copper, tin, lead, and previous metals therefrom, Treating. A. Holland. 2,016,718; Oct. 8.
- Bronzing articles and parts made of iron and alloys of iron and carbon. B. Guerni. 1,997,141; Apr. 9.
- Bronzing liquid. C. Bogin and V. Kelly. 2,012,922; Aug. 27.
- Bronzing machine. J. F. Sheppard, F. C. Stevens, and C. G. Lindbom. 1,998,466; Apr. 23.
- Brooch, Clip. W. S. Frink. 1,986,803; Jan. 8.
- Brooder. J. H. Conway and F. J. Hamlin. 1,986,501; Jan. 1.
- Brooder. E. P. Fogland. 2,019,216; Oct. 29.
- Brooder. E. E. McGrew. 2,007,917; July 9.
- Brooder. H. F. Rau. 2,012,088; Aug. 20.
- Brooder and package therefor, Knockdown. N. F. Schaefer. 2,025,310; Dec. 24.
- Brooder attachment for wood heaters. C. J. Ashley. 2,013,638; Sept. 3.
- Brooder for chicks. F. P. Crandon. 1,995,471; Mar. 26.
- Brooder, Poultry. P. M. Forster. 1,991,053; Feb. 12.
- Broom and staff holder. F. E. Bateman. 2,020,274; Nov. 5.
- Broom attachment. H. A. Gardner. 2,005,739; June 25.
- Broom or brush, Adjustable. C. Wildhaber. 1,994,677; Mar. 19.
- Broom, Vacuum. W. Leathers. 2,002,636; May 28.
- Brush, J. Collier. 2,015,030; Sept. 17.
- Brush. C. E. Frost. 1,990,025; Feb. 5.

- Brush. C. E. Frost. 2,002,370; May 21.
 Brush. C. E. Frost. 2,010,691; Aug. 6.
 Brush. C. E. Frost. 2,014,281; Sept. 10.
 Brush. A. Garbe. 2,019,130; Oct. 29.
 Brush. R. L. Gorker. 2,010,147; Aug. 6.
 Brush. D. B. Justice. 1,996,544; Apr. 2.
 Brush. C. J. Nagl. 2,011,072; Aug. 13.
 Brush. C. J. Nagl. 2,023,434; Dec. 10.
 Brush. C. J. Nagl and B. E. Scanlan. 2,009,899; July 30.
 Brush. P. J. Perrichon. 1,989,022; Jan. 22.
 Brush. L. R. Schumann. 1,990,619; Feb. 12.
 Brush. W. Warner. 2,007,103; July 2.
 Brush. O. A. Witt. 2,024,413; Dec. 17.
 Brush and comb combination for packets. S. M. Fiegel. 2,004,044; June 4.
 Brush and duster. Combined floor. J. M. Oberti. 1,991,693; Feb. 19.
 Brush and stubble cutter. L. E. Carter. 2,004,100; June 11.
 Brush and thistle cutter. L. E. Kamps. 2,026,348; Dec. 31.
 Brush, Back-washing. G. Page. 1,999,846; Apr. 30.
 Brush, Bath spray. L. T. Webster. 1,994,413; Mar. 12.
 Brush, Construction of. E. L. H. Cosby. 2,006,234; June 25.
 Brush cutter. F. Broemme and P. Puder. 2,006,941; July 2.
 Brush, Dental cleaning. G. R. Touchstone. 1,993,763; Mar. 12.
 Brush, Flexible bath. W. A. Riley. 2,014,293; Sept. 10.
 Brush for cleaning boiler and condenser tubes and the like. Method and apparatus for making a. G. B. Vroom. 2,025,795; Dec. 31.
 Brush for vacuum cleaner nozzles. Adjustable. R. Hemrich. 2,024,360; Dec. 17.
 Brush, Fountain shaving. H. De Mille. 1,992,607; Feb. 26.
 Brush holder. J. H. Burnite. 1,994,502; Mar. 19.
 Brush holder. J. Hein. 2,002,202; May 21.
 Brush-holder. R. W. Owens. 1,991,061; Feb. 12.
 Brush holder. L. W. Pashinsky. 1,990,307; Feb. 5.
 Brush holder. F. H. Pritchard. 2,011,374; Aug. 13.
 Brush, Massage. S. C. Miller. 2,004,633; June 11.
 Brush means for electric generators. Reversing. W. B. Whittitt and H. C. Walter. 1,990,767; Feb. 12.
 Brush, Mechanically operated bath. R. W. Beck and G. A. Rogge. 1,999,799; Apr. 30.
 Brush mechanism for dynamo-electric machines. C. I. McNeil. 2,016,173; Oct. 1.
 Brush molding composition and making the same. C. N. Smith and N. K. Chaney. 2,020,085; Nov. 5.
 Brush operating mechanism. J. W. Allen. 2,016,189; Oct. 1.
 Brush or mop, Fountain. A. C. Jackson. 1,994,085; Mar. 12.
 Brush rest and wiper, Combined. J. Churan. 1,994,335; Mar. 12.
 Brush, Reversible. S. W. Hall. 1,991,552; Feb. 19.
 Brush, Roller. W. Epp. 2,021,768; Nov. 19.
 Brush, Rotary. J. A. Turcotte. 2,016,219; Oct. 1.
 Brush, Scrubbing. H. A. Dorn, Sr. 1,993,599; Mar. 5.
 Brush, Scrubbing. E. L. Petty. 2,021,608; Nov. 19.
 Brush, Sectional. E. J. Goeritz. 1,993,658; Mar. 5.
 Brush with integral shunt, Dynamo-electric machine commutator. V. G. Apple. 2,019,065; Oct. 29.
 Brushes, Guiding plasmifier. A. Teichmann. 1,991,585; Feb. 19.
 Brushes, Manufacture of revolving wire, fibre, or bristle. F. P. Rigby. 2,011,324; Aug. 13.
 Brushes with abrasive material, Impregnating carbonaceous. A. S. Bemis. 1,991,487; Feb. 19.
 Bubble blower. A. L. Delvaux. 2,015,301; Sept. 24.
 Bubble blower. J. Schoepe. 1,995,108; Mar. 19.
 Bubble tower apparatus. C. H. Leach. 2,020,895; Nov. 12.
 Bubbler and glass filler, Combination. J. M. Clarke. 2,001,341; May 14.
 Bubbler plate column. J. H. West. 2,020,751; Nov. 12.
 Bucket. H. W. Botten. 2,007,704; July 9.
 Bucket. E. A. and M. N. Davis. 1,997,362; Apr. 9.
 Bucket. A. E. Guenther. 2,012,851; Aug. 27.
 Bucket. J. W. Page. 1,989,334; Jan. 29.
 Bucket. P. D. Perkins. 2,011,415; Aug. 13.
 Bucket. L. B. Schauer. 2,004,637; June 11.
 Bucket, Automatically aerated minnow. P. V. Carpenter. 2,007,326; July 9.
 Bucket, Centrifuge. J. R. Hiltner. 1,992,914; Feb. 29.
 Bucket closure. T. H. Clark. 2,021,683; Nov. 19.
 Bucket compartment, Rayon spinning. J. R. Hiltner and F. S. Godfrey. 2,011,406; Aug. 13.
 Bucket conveyer. C. A. Sundbom. 1,987,274; Jan. 8.
 Bucket cover. G. P. Wood. 2,025,429; Dec. 24.
 Bucket, Dip. C. E. Bullard. 2,023,399; Dec. 10.
 Bucket, Dragline. W. A. Luce. 2,013,276; Sept. 3.
 Bucket, Dragline. J. D. Rauch. 1,986,853; Jan. 8.
 Bucket, Dredge. W. H. Taylor. 2,024,894; Dec. 17.
 Bucket, Dumping. E. L. Harrington. 1,989,858; Feb. 5.
 Bucket dumping apparatus. R. V. R. Sill. 2,011,656; Aug. 20.
 Bucket, Excavating. B. P. Strong. 2,001,924; May 21.
 Bucket excavator and loader. C. W. Shippee. 2,008,190; July 16.
 Bucket for machines for digging caissons and the like. Auger. E. H. Siebel. 2,000,195; May 7.
 Bucket, Minnow. J. H. Cox. 2,020,536; Nov. 12.
 Bucket motor. P. E. Harrison. 1,988,490; Jan. 22.
 Bucket, Rayon. F. S. Godfrey. 2,019,344; Oct. 29.
 Bucket, Spinning. C. J. Quantin. 2,008,037; July 16.
 Bucket, Turbine. O. Junggren. 1,998,393; Apr. 16.
 Bucket, Well. R. L. Yarbrough. 2,012,932; Aug. 27.
 Buckets, Making turbine. G. B. Warren. 2,019,529; Oct. 29.
 Buckle. J. R. Bryant. 2,002,490; May 28.
 Buckle. H. Chalfin. 2,022,647; Dec. 3.
 Buckle. J. T. Duffy, Jr. 1,987,671; Jan. 15.
 Buckle. L. H. Erb. 1,999,166; Apr. 23.
 Buckle. L. H. Erb. 1,999,168; Apr. 23.
 Buckle. J. B. Freysinger. 2,016,712; Oct. 8.
 Buckle. B. J. Goldsmith and I. E. Stark. 2,012,466; Aug. 27.
 Buckle. W. M. Griffin. 2,020,546; Nov. 12.
 Buckle. D. J. Harvey. 2,004,406; June 11.
 Buckle. N. Koopetz. 2,016,041; Oct. 1.
 Buckle. A. Laurain. 2,001,618; May 14.
 Buckle. E. S. Mix. 1,989,016; Jan. 22.
 Buckle. F. E. Stahl. 2,001,072; May 14.
 Buckle. H. E. Stollman. 2,008,267; July 16.
 Buckle. J. G. Tompkins. 1,995,439; Mar. 26.
 Buckle. H. P. Troendly and P. W. White. 2,007,436; July 9.
 Buckle. G. R. Upham. 2,022,483; Nov. 26.
 Buckle. P. W. White. 1,994,156; Mar. 12.
 Buckle. P. W. White. 1,999,167; Apr. 23.
 Buckle. P. W. White. 2,020,531; Nov. 12.
 Buckle and making same. J. Jacobs. 2,002,946; May 28.
 Buckle, Belt. A. H. Nagel. 2,020,371; Nov. 12.
 Buckle, Belt. C. Rosenblum. 1,995,749; Mar. 26.
 Buckle, Brace. L. W. Shields. 2,011,458; Aug. 13.
 Buckle, Bracelet. J. Sand. 2,001,216; May 14.
 Buckle, Double-loop. J. Salisbury. 2,021,640; Nov. 19.
 Buckle, Fabric covered slide. S. Lerma. 1,995,713; Mar. 26.
 Buckle for belts and the like. J. B. Freysinger. 2,013,997; Sept. 10.
 Buckle for reversible belts. A. C. Husketh. 2,018,128; Oct. 22.
 Buckle for sanitary belt. C. Beaudoin. 1,992,985; Mar. 5.
 Buckle machine, Hand. N. J. Keith. 2,025,168; Dec. 24.
 Buckle, Ornamental. J. A. and W. A. Devendorf. 1,987,469; Jan. 8.
 Buckle or slide, Lever. R. T. Jackson. 2,016,783; Oct. 8.
 Buckle, Overall. F. Summers. 1,993,691; Mar. 5.
 Buckle, Slidable belt. D. I. Reiter. 1,989,153; Jan. 29.
 Buckle slide and button loop, Combined. C. E. Anderson. 2,020,985; Nov. 12.
 Buckle, Tongueless. L. Reiter. 1,997,653; Apr. 16.
 Buckle, Two-piece. L. Reiter. 1,997,654; Apr. 16.
 Buckwheat, Manufacturing rolled. R. Sasaki. 1,992,582; Feb. 26.
 Budget box. M. H. Salzman. 2,026,362; Dec. 31.
 Buff wheel and forming the same. J. J. Siefen. 2,017,925; Oct. 22.
 Buffer. H. J. Lounsbury. 1,993,106; Mar. 5.
 Buffer. A. Spencer. 1,992,724; Feb. 26.
 Buffer, Flexible. A. E. Moorhead. 2,014,627; Sept. 17.
 Buffer for shoe heels, Breast. P. Lauretti. 2,007,949; July 9.
 Buffer spring for railway passenger cars. G. G. Gilpin. 2,002,632; May 28.
 Buffer, Traffic. A. W. Mead. 2,000,974; May 14.
 Buffing. R. P. Cool. 2,009,290; July 23.
 Buffing and polishing wheel. H. F. L. Pfohl. 2,010,106; Aug. 6.
 Buffing machine. F. E. Bertrand. 1,999,275; Apr. 30.
 Buffing material package. R. S. Leather. 2,018,075; Oct. 22.
 Buffing or polishing wheel. A. S. Yohe. 2,004,623; June 11.
 Buffing structure, Railway. E. G. Hallquist. 2,011,051; Aug. 13.
 Buffing tool. J. L. Jones. 2,014,069; Sept. 10.
 Buffing wheel and making the same. R. T. Kent. 2,024,691; Dec. 17.
 Bulder mechanism for ring spinning and twisting frames. R. F. Chase and G. West. 2,013,876; Sept. 10.
 Bulder for spinning frames. G. E. Repass. 2,025,672; Dec. 24.
 Building. L. Petrovitch. 1,991,695; Feb. 19.
 Building and construction elements therefor, Model and toy. E. E. Tompkins. 2,013,771; Sept. 10.
 Building and sound absorbing material, Insulating. W. T. Dean. 2,014,065; Sept. 10.
 Building arch construction. M. G. Vass. 2,005,572; June 18.
 Building block. V. A. Barnhart. 2,009,217; July 23.
 Building block. C. R. Buyer. 2,019,653; Nov. 5.
 Building block. B. Dziarski. 2,022,590; Nov. 26.
 Building block. M. E. Hayman. 1,985,992; Jan. 1.
 Building block. H. J. Kaufman. 1,986,759; Jan. 1.
 Building block. H. J. Kaufman. 2,023,023; Dec. 3.
 Building block. J. J. Olsen. 1,990,797; Feb. 12.
 Building block. A. L. Scudder. 2,025,529; Dec. 24.
 Building block. F. P. Simpson. 1,996,658; Apr. 2.
 Building block. G. Slayter. 1,991,469; Feb. 19.
 Building block machine. L. Gelbman. 2,003,632; June 4.
 Building construction. J. L. Ackenbrack. 2,011,510; Aug. 13.
 Building construction. F. H. Alcott. 2,000,897; May 14.
 Building construction. A. F. Bodenstein. 1,992,937; Mar. 5.

- Building construction. D. Brown. 2,023,989; Dec. 10.
 Building construction. H. Cole. 1,997,809; Apr. 16.
 Building construction. G. R. Collins. 2,002,934; May 28.
 Building construction. J. Di Stasio. 2,006,070; June 25.
 Building construction. H. L. Dovell. 2,010,294; Aug. 6.
 Building construction. L. C. and W. L. Egloff. 2,014,315; Sept. 10.
 Building construction. H. E. Elber. 2,009,880; July 30.
 Building construction. G. Florini. 1,988,075; Jan. 15.
 Building construction. T. J. Foster. 2,001,605; May 14.
 Building construction. C. J. Fox. 2,013,043; Sept. 3.
 Building construction. A. Henderson. 1,988,492; Jan. 22.
 Building construction. R. L. Hohl. 2,005,994; June 25.
 Building construction. R. L. Hohl. 2,012,070; Aug. 20.
 Building construction. S. A. Jenkins. 2,019,707; Nov. 5.
 Building construction. S. S. King. 1,996,735; Apr. 2.
 Building construction. G. F. Kotrbaty. 1,987,115; Jan. 8.
 Building construction. L. H. Lyon. 2,019,230; Oct. 29.
 Building construction. O. A. Madsen and W. S. Lienhardt. 2,006,361; July 2.
 Building construction. J. F. Nieman. 2,008,672; July 23.
 Building construction. A. C. Olsen. 2,013,762-3; Sept. 10.
 Building construction. H. G. Onstad. 2,013,697; Sept. 10.
 Building construction. E. S. Prince. 2,010,890; Aug. 13.
 Building construction. A. G. Ralsch. 2,021,637; Nov. 19.
 Building construction. J. S. Raynor. 2,016,874; Oct. 8.
 Building construction. E. A. Reithner. 2,005,921; June 25.
 Building construction. M. C. Rosenblatt. 2,002,510; May 28.
 Building construction. M. C. Rosenblatt. 2,017,548; Oct. 15.
 Building construction. H. W. Schick. 1,997,950; Apr. 16.
 Building construction. T. P. Scott. 2,022,255; Nov. 26.
 Building construction. R. J. Stipchen. 2,019,162; Oct. 29.
 Building construction. L. L. Staman. 2,008,775; July 23.
 Building construction. E. F. Techmer. 2,008,194; July 16.
 Building construction. M. W. Thompson. 2,013,367; Sept. 3.
 Building construction. H. Timm. 2,006,701; July 2.
 Building construction. H. H. Van Hagen. 2,018,334; Oct. 22.
 Building construction. F. M. Venzie. 1,996,179; Apr. 2.
 Building construction. F. M. Venzie. 2,002,927; May 28.
 Building construction. W. A. White and E. A. Kunze. 2,007,148; July 2.
 Building construction. G. E. Whritenour. 2,004,739; June 11.
 Building construction. H. H. Zimmerman. 2,026,294; Dec. 31.
 Building construction. Acoustical. W. M. McNeil. 1,998,425; Apr. 16.
 Building construction. Fabricated. F. M. Crowe. 1,998,448; Apr. 23.
 Building construction for acoustical correction. F. L. Stubbs. 1,998,423; Apr. 16.
 Building construction. Membrane unit. C. S. Strom and J. S. Offutt. 1,997,605; Apr. 16.
 Building construction. Metal. W. D. Bayley. 2,019,041; Oct. 29.
 Building construction. Metal. S. R. Lindsey. 2,023,814; Dec. 10.
 Building construction. Metallic. S. F. Mioton. 1,988,389; Jan. 15.
 Building construction. Miniature. W. Kupper. 2,006,402; July 2.
 Building construction. Resilient. B. E. Balduf. 2,026,117; Dec. 31.
 Building construction. System of. J. B. Strauss. 2,001,162; May 14.
 Building construction unit. G. F. Kotrbaty. 2,009,268; July 23.
 Building corner construction and units therefor. J. H. Gibson. 2,005,462; June 18.
 Building covering. E. R. Black. 2,017,230; Oct. 15.
 Building covering, and manufacturing same. R. S. Maclean. 2,018,216; Oct. 22.
 Building deck, Composite. M. G. Vass. 2,007,354; July 9.
 Building element. F. Bauer. 1,991,837; Feb. 19.
 Building element. N. P. Harshberger. 1,993,164; Mar. 5.
 Building elements. Producing. N. P. Harshberger. 1,993,166; Mar. 5.
 Building foundation. O. Werner. 1,996,358; Apr. 2.
 Building having deep underground floors, Erecting an iron frame. Y. Kida. 2,007,498; July 9.
 Building, Knockdown. C. B. Matheny. 2,010,874; Aug. 13.
 Building material. N. P. Harshberger. 2,009,617; July 30.
 Building material. C. C. Whittier. 2,012,798; Aug. 27.
 Building material and making the same. L. Kirschbraun. 2,013,349; Sept. 3.
 Building material and making the same. T. Satow. 2,007,585; July 9.
 Building material and method of and apparatus for making same. A. Anderson. 2,013,332; Sept. 3.
 Building material, Apparatus for and method of applying coloring to. N. P. Harshberger. 1,999,903; Apr. 30.
 Building material. Art of. N. P. Harshberger. 1,994,644; Mar. 19.
 Building material, Artificially colored. O. R. Douthett. 2,021,716; Nov. 19.
 Building material, Fastening means for. R. Winship. 2,016,566; Oct. 8.
 Building materials, Production of porous. H. Wolf, H. Leuchs and H. Saenger. 2,004,545; June 11.
 Building materials, Treatment for. K. Schultz. 2,025,424; Dec. 24.
 Building member and joint therefor, Self-supporting. G. F. Kotrbaty. 2,005,146; June 18.
 Building member, Composite. G. F. Kotrbaty. 1,995,477; Mar. 26.
 Building, Metal frame. W. J. McDermott. 2,010,552; Aug. 6.
 Building slab. W. J. Pedersen. 2,014,778; Sept. 17.
 Building slab and wall construction. T. J. Foster. 1,989,798; Feb. 5.
 Building structure. J. Gibson. 2,017,899; Oct. 22.
 Building structure. G. D. Kellogg. 2,015,114; Sept. 24.
 Building structure. L. B. Scheide. 2,000,539; May 7.
 Building structure. F. M. Venzie. 2,020,815; Nov. 12.
 Building structure. F. M. Venzie. 2,025,794; Dec. 31.
 Building structure. O. R. Wallace. 2,001,169; May 14.
 Building structure, Acoustical. A. A. Heeren and O. E. Gibson. 1,997,582; Apr. 16.
 Building structure and brick for the same. O. A. Steuer. 1,992,785; Feb. 26.
 Building structure, Flashed. P. A. Voigt. 2,021,929; Nov. 26.
 Building truss and lighting fixture, Combined. R. L. Davison. 1,997,168; Apr. 9.
 Building truss structure. J. Kahn and W. F. Schulz. 1,991,682; Feb. 19.
 Building unit and construction made therefrom. P. Rutten. 1,990,001; Feb. 5.
 Building unit, Portable. S. G. Matthews. 1,995,573; Mar. 26.
 Building wall. L. S. Munson. 2,021,133; Nov. 19.
 Building wall structure. H. L. Walters. 1,990,259; Feb. 5.
 Buildings and the like, Construction of. E. G. P. Mopin. 2,014,087; Sept. 10.
 Buildings, Apparatus for cooling and ventilating. C. A. Bulkeley. 2,001,704; May 21.
 Buildings, Apparatus for the designing of. T. H. Reeves. 1,988,461; Jan. 22.
 Buildings, Method and apparatus for ventilating. C. A. Bulkeley. 2,004,927; June 18.
 Buildings, Waterproofing. E. H. White. 2,003,618; June 4.
 Bulb cleaner. R. De Young. 2,023,167; Dec. 3.
 Bulb relay, Thermostatic. H. O. Futt. 1,994,620; Mar. 19.
 Bulbs and similar articles, Method of and apparatus for blowing. C. A. Brown, C. W. Craig, and F. B. Van Sickle. 1,988,297; Jan. 15.
 Bulbs for incandescent lamps, Frosting glass. Y. Sakakura. 2,017,733; Oct. 15.
 Bulbs in gradation, Frosting glass. Y. Sakakura. 2,018,422; Oct. 22.
 Bulbs with high emission cathodes, Producing electron. E. Waldschmidt. 2,016,699; Oct. 8.
 Bulk dispensing device. W. Rabkin. 2,001,110; May 14.
 Bulk fibrous and other materials, Handling, conveying, and treating. N. B. Henry. 2,016,008; Oct. 1.
 Bulkhead for refrigerator cars, Adjustable. H. V. Wynn. 2,017,301; Oct. 15.
 Bulk loading box. W. B. Jensen. 1,990,829; Feb. 12.
 Bulk material, Device for the handling of. J. W. White. 2,021,039; Nov. 12.
 Bulldozer. C. J. Bath. 2,002,563; May 28.
 Bulldozer. C. J. Bath. 2,024,754; Dec. 17.
 Bulldozer. F. H. Lamb. 1,997,001; Apr. 9.
 Bulb ring. M. J. Svoren. 1,995,783; Mar. 26.
 Bullet. A. Larson. 2,011,249; Aug. 13.
 Bullet and making same, Wad cutting. D. B. Wesson. 2,008,571; July 16.
 Bullet-resisting structure. O. B. McClintock and F. A. Gabbert. 1,986,213; Jan. 1.
 Bullet-resisting structure. C. D. O'Kieffe. 2,015,868; Oct. 1.
 Bullet sizer and greaser. C. R. Peterson. 2,019,795; Nov. 5.
 Bullet stop. A. D. Caswell. 1,992,001; Feb. 19.
 Bullet stop. A. D. Caswell. 2,013,133; Sept. 3.
 Bullets, Making. A. G. Schuricht. 1,992,244; Feb. 26.
 Bumper. H. S. Jandus and B. M. Short. 2,023,078; Dec. 3.
 Bumper. M. Kahn. 2,024,101; Dec. 10.
 Bumper. H. R. McMahon. 1,994,918; Mar. 19.
 Bumper. L. J. Minbiole. 2,012,725; Aug. 27.
 Bumper. W. C. Nutt and A. Wood. 1,996,433; Apr. 2.
 Bumper. B. M. Short. 2,023,080; Dec. 3.
 Bumper. G. W. Veale. 1,989,178; Jan. 29.
 Bumper. G. W. Veale. 1,996,221; Apr. 2.
 Bumper. G. W. Veale. 1,999,602; Apr. 30.
 Bumper. V. P. Williams. 2,026,113; Dec. 31.
 Bumper and rack, Combination. V. F. Bryant. 2,016,955; Oct. 8.
 Bumper and weather strip for automobile doors, Combined. J. R. Hughes. 1,991,674; Feb. 19.
 Bumper, Automatic expansion. J. A. Scheutz. 1,997,752; Apr. 16.
 Bumper, Automobile. W. D. Bellamy. 1,995,088; Mar. 19.
 Bumper, Automobile. H. S. Jandus. 2,023,076; Dec. 3.
 Bumper, Automobile. H. S. Jandus and B. M. Short. 2,023,077; Dec. 3.

- Bumper construction. H. S. Jandus. 2,022,667-8; Dec. 3.
 Bumper construction. H. S. Jandus. 2,023,081; Dec. 3.
 Bumper construction. H. S. Jandus and B. M. Short. 2,023,079; Dec. 3.
 Bumper construction. G. F. Miller. 2,024,009; Dec. 10.
 Bumper end construction. H. K. McMahon. 1,988,696; Jan. 22.
 Bumper for automobiles, Safety. J. Gallina. 2,024,636; Dec. 17.
 Bumper for carpet sweepers. F. W. Pullen. 2,001,745; May 21.
 Bumper for vehicles, Side. J. W. Gorman and H. W. Churco. 1,998,134; Apr. 16.
 Bumper guard. F. C. Howard. 2,022,349; Nov. 26.
 Bumper mechanism. P. N. Cherpes and C. E. Kollias. 2,001,093; May 14.
 Bumper, Mine car. W. T. Dalton. 2,003,645; June 4.
 Bumper, particularly for automobile doors. M. Kahn. 2,024,100; Dec. 10.
 Bumper, Picker stick. B. E. Willingham. 2,023,187; Dec. 3.
 Bumper post. S. W. Hayes. 2,022,767; Dec. 3.
 Bumper signal. F. C. Ferk. 2,023,806; Dec. 10.
 Bumper unit for doors and the like. M. Kahn. 2,024,102; Dec. 10.
 Bun and apparatus for making same. K. R. Hodges. 2,012,815; Aug. 27.
 Bunch builder. J. L. Lyle. 2,010,193; Aug. 6.
 Bunch builder, Automatic. J. W. H. Congdon. 2,023,914; Dec. 10.
 Bunch building spinning mule. J. W. Randall. 2,008,039; July 16.
 Bundle holder. H. W. Moffitt. 2,020,514; Nov. 12.
 Bundle tying machine. A. S. Graham. 2,022,596; Nov. 26.
 Bundling and wrapping apparatus. G. C. Hamilton. 2,026,469; Dec. 31.
 Bundling clip. C. O. Walper. 2,021,037; Nov. 12.
 Bundling tool. C. O. Walper. 1,990,763; Feb. 12.
 Bung and faucet lock. F. Walker. 1,996,182; Apr. 2.
 Bung and making bungs. H. H. Brockmeyer. 2,006,940; July 2.
 Bung driver. J. White. 2,010,575; Aug. 6.
 Bung extractor. T. Maynz and H. W. Huwerth. 1,988,971; Jan. 22.
 Bung withdrawal machinery. A. M. Munzinger. 2,004,211; June 11.
 Bungs in metallic containers, Securing. L. M. Bell. 1,992,855; Feb. 26.
 Bunion brace. A. L. Schenk. 2,013,068; Sept. 3.
 Buoy, Fisherman's position. W. J. McVicker. 1,993,974; Mar. 12.
 Burglar alarm. F. H. Stotts. 1,995,082; Mar. 19.
 Burglarproof device. I. A. Fulk. 1,989,591; Jan. 29.
 Burglarproof window screen. J. B. Bollinger. 2,013,024; Sept. 3.
 Burner: See—
 Automatic burner. Hydrocarbon burner.
 Concentrate burner. Laboratory burner.
 Fluid fuel burner. Liquid fuel burner.
 Fuel burner. Oil burner.
 Fuel feed burner. Retort burner.
 Gas burner. Rotary fuel burner.
 Gas and oil burner. Safety burner.
 Gas and vapor burner. Torch burner.
 Generator gasoline burner. Trash burner.
 Welding burner.
 Burner. J. J. Adam. 1,993,727; Mar. 12.
 Burner. E. G. Bailey and D. H. N. Mayo. 1,994,447; Mar. 12.
 Burner. G. Bluemel. 2,022,024; Nov. 26.
 Burner. H. I. Brandjord. 2,007,739; July 9.
 Burner. R. D. Cheesman. 1,989,665; Feb. 5.
 Burner. L. de Florez. 1,986,796; Jan. 8.
 Burner. B. Q. P. Foss. 2,002,660; May 28.
 Burner. F. E. Herr. 1,995,099; Mar. 19.
 Burner. A. C. Kalk. 1,991,942; Feb. 19.
 Burner. F. L. Klein. 2,025,458; Dec. 24.
 Burner. N. W. McLeod. 1,988,851; Jan. 22.
 Burner. J. P. Ring. 2,018,899; Oct. 29.
 Burner. E. A. Rowe and P. M. Forster. 1,991,418; Feb. 19.
 Burner. B. M. Sherman and F. F. Neumann. 2,022,871; Dec. 3.
 Burner. B. W. Tullis. 2,023,624; Dec. 10.
 Burner. J. C. Williams. 2,012,676; Aug. 27.
 Burner and air conditioning device, Combined oil. H. L. Dooley. 2,019,525; Nov. 5.
 Burner and burner operation, Liquid fuel. H. L. Finley. 2,017,237; Oct. 15.
 Burner and snuffer, Safety flare. W. H. Neumeister. 2,022,897; Dec. 3.
 Burner apparatus and the like, Oil. F. J. Hitchcock. 2,018,853; Oct. 29.
 Burner apparatus, Oil. A. Muszynski. 2,024,776; Dec. 17.
 Burner apparatus, Oil. O. C. Schroeder and S. Perry. 1,997,347-8; Apr. 9.
 Burner attachment. F. C. Lahn. 2,017,663; Oct. 15.
 Burner attachment, Gas. F. H. McFall. 2,001,972; May 21.
 Burner attachment, Gas. M. E. Smith. 1,998,257; Apr. 16.
 Burner bowl. A. Ruttiman. 2,021,810; Nov. 19.
 Burner compartment closure. G. D. Wilkinson and E. D. Pellegri. 1,995,788; Mar. 28.
 Burner construction. C. M. Breed. 1,994,748; Mar. 19.
 Burner construction, Gas. H. A. Atwater. 1,997,036; Apr. 9.
 Burner control. J. H. Grayson. 1,994,391; Mar. 12.
 Burner control device. W. T. Bradbury. 2,013,822; Sept. 10.
 Burner control, Gas. G. B. Shawn. 2,011,779; Aug. 20.
 Burner control, Oil. H. K. Crago. 1,985,978; Jan. 1.
 Burner control, Oil. C. I. Hall. 1,985,986; Jan. 1.
 Burner control, Oil. G. R. Townsend. 1,986,031; Jan. 1.
 Burner controlling apparatus. Oil. C. P. Vetter. 2,020,167; Nov. 5.
 Burner for auxogenous metal working, Injector. F. Damm. 2,008,130; July 16.
 Burner for gas heated radiators. W. T. Rasch. 2,001,397; May 14.
 Burner for heavy liquid fuels. G. Lucich. 2,003,181; May 28.
 Burner for hollow glass articles, Cut-off. A. Kadow. 1,996,814; Apr. 9.
 Burner for liquid fuel. V. Ipold. 2,001,611; May 14.
 Burner for liquid fuel. H. Junkers. 1,996,386; Apr. 2.
 Burner for solidified fuels. E. R. Zeitz. 1,995,049; Mar. 19.
 Burner for various gases. O. M. Olsen. 2,005,801; June 25.
 Burner installation for domestic boilers. E. T. Avery. 2,000,733; May 7.
 Burner manipulating mechanism, Oil. E. E. Allyne. 2,003,413; June 4.
 Burner or the like, Gas. H. Theunissen. 2,018,582; Oct. 22.
 Burners and the like, Recycling control system and apparatus for oil. J. M. Kelley. 1,986,013; Jan. 1.
 Burners, Apparatus for controlling oil. J. J. Kelley. 1,997,797; Apr. 16.
 Burners, Attachment for gas. W. Hurlburt. 1,987,340; Jan. 8.
 Burner tip, Oil. G. J. Holtham. 2,019,815; Nov. 5.
 Burning motion for treating wool and other textile fibres. A. Thibeau. 2,009,282; July 23.
 Burr remover, Inside. L. H. Park. 2,025,422; Dec. 24.
 Burrs from tubes, etc., Mechanism for removing. D. E. Jenkins and F. J. Schaeffer. 2,015,452; Sept. 24.
 Bus bar and fitting. W. A. Smith. 2,010,933; Aug. 13.
 Bus bar, Molded insulated. J. C. Rah and N. G. Polgov. 1,992,392; Feb. 26.
 Bus heater. L. C. Hyatt. 1,989,519; Jan. 29.
 Bus heating and ventilating system. L. P. Hynes. 2,026,425; Dec. 31.
 Bus seating arrangement, Passenger. J. E. Watson. 2,014,996; Sept. 17.
 Bus support. N. G. Polgov. 2,014,634; Sept. 17.
 Bush, Cork grip. P. E. Rice. 1,991,628; Feb. 19.
 Bushing. J. N. Browning. 2,010,451; Aug. 6.
 Bushing. B. C. Evans. 2,004,784; June 11.
 Bushing extractor. T. Naccarato. 2,013,923; Sept. 10.
 Bushing for rotary tables, Driving. L. S. Sorensen and E. Beck. 2,023,796; Dec. 10.
 Bushing for steering wheel stems, Automatically adjustable. H. Marles. 1,998,728; Apr. 23.
 Bushing, fixture stud, etc., Electric. J. G. Knight. 2,013,964-5; Sept. 10.
 Bushing, Grease retaining. A. S. Mermigis. 1,995,548; Mar. 26.
 Bushing insulator. A. O. Austin. 1,988,151; Jan. 15.
 Bushing puller. C. E. Skelton. 2,022,549; Nov. 26.
 Bushing structure. H. Schwartz. 2,023,977; Dec. 10.
 Bushings in metal barrels, Inserting. P. H. Meyer, L. Bethke, and J. P. Walker. 2,018,683; Oct. 29.
 Bushings, Making tap. C. C. Gladson. 1,990,014; Mar. 26.
 Bushings, Method of and hydraulic press for inserting. E. K. Morgan. 1,987,862; Jan. 15.
 Business machine, Record card-controlled. W. Kuhlman and P. Becker. 1,998,281; Apr. 16.
 Busk fastening means for corsets and similar garments. J. E. Broome. 2,002,052; May 21.
 Bust, Adjustable dummy. A. Lewin. 1,999,103; Apr. 23.
 Bust protector. H. Schnaitacher. 1,989,382; Jan. 29.
 Bust support. V. F. Kemp. 2,022,317; Nov. 26.
 Bust support with extended body portion. L. Rawetzky. 2,016,614; Oct. 8.
 Butcher's block cleaner. B. Cutright. 1,991,794; Feb. 19.
 Butcher's meat cooler. G. E. Friedrich. 2,012,559; Aug. 27.
 Butt gauge. A. Fleming. 2,021,595; Nov. 19.
 Butt removing device for green corn. S. E. and W. W. Morral. 1,995,074; Mar. 19.
 Butt-welding pipe. W. T. Mahla and J. L. Mauthe. 2,005,322; June 18.
 Butt-welding pipe. W. T. Mahla and J. L. Mauthe. 2,025,001; Dec. 17.
 Butter and cheese cutter. G. L. Smith. 2,023,706; Dec. 10.
 Butter, Blending. J. O'Connell and H. H. Kerr. 1,994,896; Mar. 19.
 Butter-chip machine. C. Both. 2,023,291; Dec. 3.
 Butter churning means. W. H. McCorkindale. 2,023,056; Dec. 3.
 Butter-cutting and dispensing device. T. Tripolitis. 2,021,340; Nov. 19.
 Butter, Kneading. P. Feremutsch. 2,007,043; July 2.
 Butter-molding device. O. C. Jackson. 2,003,197; May 28.
 Butter package and making same. A. Lowenfels. 2,003,600; June 4.
 Butter, Preparing. L. Adler. 1,986,783; Jan. 8.

- Butter producer, Continuous. C. Doering. 1,997,999; Apr. 16.
- Butter slicing machine. O. W. Chandler. 2,023,122; Dec. 3.
- Butterfly valve. W. M. White, F. Schmidt, and E. Gross. 2,022,395; Nov. 26.
- Button. W. C. Anderson. 2,007,628; July 9.
- Button. A. A. Cavicchi. 2,022,458; Nov. 26.
- Button. J. M. Clark. 1,999,034; Apr. 23.
- Button. J. M. Clark and I. D. Ford. 2,016,241; Oct. 1.
- Button. R. C. Manson. 1,995,857; Mar. 26.
- Button. L. Reiter. 2,014,292; Sept. 10.
- Button and base plate, Hose supporter. I. R. Versoy. 2,020,921; Nov. 12.
- Button and loop clasp. O. Dohren. 2,016,192; Oct. 1.
- Button attachment and holding means. J. W. Steele. 1,989,534; Jan. 29.
- Button blanks from pearl stock, Apparatus for making. W. C. Bennett. 2,024,715; Dec. 17.
- Button construction. A. H. Feuerstein. 2,026,380; Dec. 31.
- Button, Detachable. S. H. Tate. 2,013,256; Sept. 3.
- Button, Double flanged. H. J. Reiter. 1,998,906; Apr. 23.
- Button element, Making a. W. G. Broadwell. 2,006,535; July 2.
- Button fastener. A. Berendt. 1,988,233; Jan. 15.
- Button fastener. G. Lullano. 2,025,663; Dec. 24.
- Button fastening machine. W. E. Elliott. 2,022,277; Nov. 26.
- Button holder. J. C. Day. 2,012,420; Aug. 27.
- Button, Horn. M. L. Hillmer. 1,998,719; Apr. 23.
- Button, Interchangeable. M. B. White. 2,023,457; Dec. 10.
- Button loop. W. M. Hueseman. 2,026,174; Dec. 31.
- Button manufacture. J. M. Clark and I. D. Ford. 2,016,240; Oct. 1.
- Button manufacture. I. D. Ford and J. M. Clark. 2,016,238; Oct. 1.
- Button, Separable. W. W. Holm. 2,015,559; Sept. 24.
- Button winding machine. C. J. Sibbald. 2,013,449; Sept. 3.
- Buttons, Making casein. G. Morrell. 2,022,895; Dec. 3.
- Buttons, Manufacture of. I. D. Ford and J. M. Clark. 2,016,239; Oct. 1.
- Buttons to sewing machines, Mechanism for feeding. D. I. Conner. 2,007,239; July 9.
- Butyl-acetonic fermentation process. H. R. Stiles. 2,023,374; Dec. 3.
- Butyl amines, Producing. H. R. Arnold. 2,012,333; Aug. 27.
- Butylene from ethylene, Production of. M. Otto and L. Bub. 1,989,425; Jan. 29.
- By-pass for high tension electricity. J. G. Loy. 1,987,575; Jan. 8.
- By-products from distillation gases, Recovery of. C. Still. 1,986,080; Jan. 1.
- By-products, Reclaiming. P. A. Paulson. 2,025,891; Dec. 31.
- Bz1, bz1'-dibenzanthronyl, Manufacture of. E. T. Howell. 2,001,063; May 14.
- Cab for electric locomotives. C. C. C. Burkhardt. 1,986,042; Jan. 1.
- Cabin construction. R. A. Hollingsworth and B. H. Moe. 2,000,638; May 7.
- Cabin, Folding. W. J. Pendry. 2,006,477; July 2.
- Cabinet. C. Limerick, Jr. 2,025,416; Dec. 24.
- Cabinet. H. A. Manz. 2,019,054; Oct. 29.
- Cabinet. F. J. Matchette. 1,991,951; Feb. 19.
- Cabinet. F. J. Matchette. 2,000,401-2; May 7.
- Cabinet. R. J. Trotter. 2,023,154; Dec. 3.
- Cabinet, Air conditioning heating. C. M. Woolley. 2,022,332; Nov. 26.
- Cabinet and a rail unit provided therein, Linotype and Intertype magazine storage. A. B. Reld. 1,997,346; Apr. 9.
- Cabinet and support for liquefied gas storage and utilization equipment. P. S. Endacott. 1,994,337; Mar. 12.
- Cabinet and the like. H. L. Skoogh. 1,986,417; Jan. 1.
- Cabinet, Card. W. Buckeridge. 2,010,748; Aug. 6.
- Cabinet, Card. G. T. Gourley and F. J. Maist. 1,993,477; Mar. 5.
- Cabinet, Card index. C. F. Wolters and E. G. Layer. 1,999,162; Apr. 23.
- Cabinet, Cash. E. M. Warren. 1,998,773; Apr. 23.
- Cabinet, Combination kitchen equipment. W. J. Michelet. 1,994,044; Mar. 12.
- Cabinet, Combination shoe-shining. G. Buskey. 2,007,072; July 2.
- Cabinet construction. Z. Chafee. 2,019,045; Oct. 29.
- Cabinet, Dehydrating and antiseptic toothbrush. O. A. Feldon. 1,987,472; Jan. 8.
- Cabinet, Dispensing. A. Galante. 2,003,044; May 28.
- Cabinet, Dispensing. L. Gottstein. 2,008,015; July 16.
- Cabinet, Display. G. F. Reed. 1,992,095; Feb. 19.
- Cabinet, Display and shipping. F. Schimmel. 1,991,030; Feb. 12.
- Cabinet, Display and shipping. F. Schimmel. 2,015,910; Oct. 1.
- Cabinet, Film viewing. T. T. Haug. 1,988,654; Jan. 22.
- Cabinet fixture, Knock-down. M. T. Johnston. 2,019,137; Oct. 29.
- Cabinet, Folding display. J. P. Spang. 1,986,077; Jan. 1.
- Cabinet for cylinders of fuel gas. H. J. Baker. 2,012,803; Aug. 27.
- Cabinet for electromechanical oscillators, Temperature controlled. R. B. Meyer. 2,004,125; June 11.
- Cabinet for ironing machines. E. N. Hurley, Jr. 2,014,133; Sept. 10.
- Cabinet for milk bottles, Delivery. R. R. Taylor. 1,991,966; Feb. 19.
- Cabinet for motion picture projection, Household. A. A. Thomas. 2,022,903; Dec. 3.
- Cabinet for press make-ready, Mark-out. H. S. Ransom. 2,000,537; May 7.
- Cabinet heater. G. E. Pickup. 2,021,581; Nov. 19.
- Cabinet, Heating. C. M. Woolley. 2,022,333; Nov. 26.
- Cabinet, Heating and displaying. C. W. Kress. 2,018,024; Oct. 22.
- Cabinet, Ironing machine. W. A. Papworth. 2,013,421; Sept. 3.
- Cabinet, Key blank holding. L. G. W. Morgan. 1,990,131; Feb. 5.
- Cabinet, Kitchen. C. B. Parsons. 2,000,981; May 14.
- Cabinet, Laundry. J. A. Depoy. 2,025,649; Dec. 24.
- Cabinet, Optical projection. H. H. V. Stanley. 1,988,522; Jan. 22.
- Cabinet, Paper dispensing. H. L. Samson. 1,989,381; Jan. 29.
- Cabinet, Pattern selection. H. E. Nock. 2,004,900; June 11.
- Cabinet, Playing card. Julius and J. Bandes. 2,002,166; May 21.
- Cabinet, Portable luncheon. L. E. Colross. 2,019,522; Nov. 5.
- Cabinet, Refrigerated. F. R. Stewart and T. O. Spencer. 1,987,423; Jan. 8.
- Cabinet, Refrigerated storage. W. E. Carpenter. 2,022,489; Nov. 26.
- Cabinet, Refrigerating. K. J. Gloekler. 1,997,212; Apr. 9.
- Cabinet, Refrigerating. G. V. Hammack. 2,016,675; Oct. 8.
- Cabinet, Refrigeration. P. A. Celander. 2,003,274; May 28.
- Cabinet, Refrigerator. A. P. Ball. 1,999,798; Apr. 30.
- Cabinet, Refrigerator. J. L. Knight. 1,992,011; Feb. 19.
- Cabinet, Refrigerator. D. F. Newman. 2,017,702; Oct. 15.
- Cabinet, Sectional automatic display. J. A. Michaud. 2,013,284; Sept. 3.
- Cabinet, Shower bath. W. Bulthuis. 2,014,554; Sept. 17.
- Cabinet, Shower bath. A. E. Jones. 2,010,834; Aug. 13.
- Cabinet, Shower bath. E. F. Niedecken. 2,002,789; May 28.
- Cabinet structure, Metallic. H. Eto. 2,002,366; May 21.
- Cabinet, Switching fuse. J. G. Jackson. 1,988,686; Jan. 22.
- Cabinet, Thermostatically controlled. L. A. Gebhard. 1,991,276; Feb. 12.
- Cabinet, Treating. C. H. Braselton. 2,008,653; July 16.
- Cabinet, Toilet. J. A. Gantt. 1,996,414; Apr. 2.
- Cabinet, Towel. H. W. Crowson. 1,990,636; Feb. 12.
- Cabinet, Towel. E. T. Halls. 1,986,395; Jan. 1.
- Cabinet, Towel. E. T. Halls. 2,002,088; May 21.
- Cabinet, Towel. A. I. Hondeville. 2,005,744; June 25.
- Cabinet, Towel vending. J. Darman. 2,002,568; May 28.
- Cabinet, Vending. C. H. Minturn. 1,988,607; Jan. 22.
- Cabinet, Vertical card index. B. Aagaard. 2,006,288; June 25.
- Cabinet, Viewing. F. T. Powers. 2,002,867; May 28.
- Cabinet, Warming. C. V. Tansley. 1,987,378; Jan. 8.
- Cable. P. H. Chase. 1,989,914; Feb. 5.
- Cable. P. H. Chase. 2,011,561; Aug. 20.
- Cable. W. A. Del Mar. 2,015,714; Oct. 1.
- Cable. G. J. Stanley. 2,001,319; May 14.
- Cable. H. H. Weber. 1,993,424; Mar. 5.
- Cable anchorage, Multiple strand. E. J. Lloyd. 2,021,575; Nov. 19.
- Cable and making same. H. R. Massingham. 2,004,612; June 11.
- Cable and stripping machine. K. R. Shaw. 1,998,391; Apr. 16.
- Cable, Armored. H. S. Walker. 1,995,407; Mar. 26.
- Cable, Armored electrical. J. Wertzheiser and H. Char-moy. 2,018,939; Oct. 29.
- Cable, Battery. J. Taylor. 1,989,718; Feb. 5.
- Cable bond. H. G. Honig. 2,012,536; Aug. 27.
- Cable bracket and fastening. J. Blackburn. 2,025,717; Dec. 31.
- Cable clamp. H. C. Fiege. 2,016,856; Oct. 8.
- Cable clamp. J. W. Fowler and C. N. Baillio. 2,006,044; June 25.
- Cable clamp or connector. J. Blackburn. 2,017,887; Oct. 22.
- Cable conductor coupling. T. J. Little. 2,009,090; July 23.
- Cable connector. W. A. Bonnell. 2,003,676; June 4.
- Cable connector, Branch electrical. M. Lee. 1,993,968; Mar. 12.
- Cable connector, Explosionproof. N. A. Tornblom. 2,006,090; June 25.
- Cable connection. H. J. L. Frank. 2,026,029; Dec. 31.
- Cable covering, Temporary. A. Boeh and G. T. Ballew. 1,996,565; Apr. 2.
- Cable, Deep-sea electric telephone. E. Sichter-mann. 2,000,355; May 7.
- Cable, Electric. C. E. Bennett. 2,015,063; Sept. 24.
- Cable, Electric. S. J. Bosch. 2,006,932; July 2.
- Cable, Electric. G. Carlson and H. G. Knoderer. 2,003,930; June 4.
- Cable, Electric. I. T. Faucett. 2,019,297; Oct. 29.

- Cable, Electric. P. V. Hunter. 2,015,476; Sept. 24.
 Cable, Electric power. C. E. Bennett. 1,991,368; Feb. 19.
 Cable, Electrical. C. R. Boggs. 1,997,355; Apr. 9.
 Cable, Electrical. F. R. Kaimer. 2,007,761-2; July 9.
 Cable, Electrical conductor. J. L. Alden. 2,004,592; June 11.
 Cable equalizer. J. Dunlop. 1,997,681; Apr. 16.
 Cable equalizer. H. H. Vanderzee. 2,020,920; Nov. 12.
 Cable equalizer. T. J. Wilson. 2,001,007; May 14.
 Cable equalizer, Hydraulic. E. T. Beatty. 1,991,538; Feb. 19.
 Cable fitting, Smoke stack. J. F. Goetz. 1,999,045; Apr. 23.
 Cable for the ignition system of internal combustion engines. M. R. Foust. 1,994,128; Mar. 12.
 Cable grip. E. E. Kellems. 2,017,625; Oct. 15.
 Cable grip. C. L. Van Inwagen, Jr. 1,994,674; Mar. 19.
 Cable guide bracket. H. B. Buxton. 1,995,340; Mar. 26.
 Cable hanger. J. F. Tucker. 2,007,820; July 9.
 Cable, High frequency. L. Walter. 1,987,088; Jan. 8.
 Cable, High tension rubber insulated. C. R. Boggs. 2,005,360; June 18.
 Cable, Ignition. J. Taylor. 1,989,893; Feb. 5.
 Cable installation, Electric. F. W. Gay. 2,016,004; Oct. 1.
 Cable installation, Electric. M. Hochstadter. 2,021,998; Nov. 26.
 Cable installation, Oil-filled. G. Zapf. 2,011,389; Aug. 13.
 Cable, Insulated. H. Johns and V. F. Dobbins. 1,987,508; Jan. 8.
 Cable joint. C. C. Ley and E. W. Porch. 2,014,853; Sept. 17.
 Cable-laying apparatus. A. Giachetti. 1,995,473; Mar. 26.
 Cable manufacture, Alloy covered. E. E. Schumacher and G. M. Bouton. 1,997,200; Apr. 9.
 Cable marking machine. K. C. Allison. 2,024,416; Dec. 17.
 Cable, Multicore power. W. Vogel and K. Baurmann. 1,989,346; Jan. 29.
 Cable, Multiple conductor sector electric. N. L. Morgan. 2,018,461; Oct. 22.
 Cable, Oil filled electric. L. Kunst. 1,999,701; Apr. 30.
 Cable pull recording device. L. W. Bartol. 1,987,815; Jan. 15.
 Cable, Radio frequency transmission. H. E. Allen. 2,012,295; Aug. 27.
 Cable reel. H. S. Lewis and M. L. Fox. 2,010,821; Aug. 13.
 Cable, Rubber insulated. J. Fassbender. 2,005,614; June 18.
 Cable, Seasoning. P. H. Chase. 2,024,144; Dec. 17.
 Cable sheath. I. Branthwaite. 1,999,354; Apr. 30.
 Cable sheave, Vaporproof swing line. F. E. Ellis. 2,006,388; July 2.
 Cable, Signaling. H. J. Harris. 1,987,442; Jan. 8.
 Cable stop for hoists, Slack. J. J. Mizer. 1,990,241; Feb. 5.
 Cable stranding machine. A. R. Peterson. 2,004,634; June 11.
 Cable, Submarine communication. W. Rihl. 1,993,526; Mar. 5.
 Cable, Submarine signaling. J. J. Gilbert. 2,012,126; Aug. 20.
 Cable, Submarine signaling. E. Studt. 2,005,273; June 18.
 Cable, Submarine telegraph. R. L. Peek, Jr. 1,987,416; Jan. 8.
 Cable support. G. R. Tarbox. 2,026,260; Dec. 31.
 Cable support package. A. B. Chance. 1,987,096; Jan. 8.
 Cable supporting clamp. J. H. Starr. 1,986,861; Jan. 8.
 Cable suspension assembly, Sectional. J. P. Cordova. 2,016,191; Oct. 1.
 Cable system and installing the same, Electric. G. B. Shanklin. 1,991,230; Feb. 12.
 Cable system for the underground transmission of electrical energy, Electric power. C. E. Bennett. 1,986,789; Jan. 8.
 Cable system, Ocean. D. K. Gannett. 2,020,308; Nov. 12.
 Cable system, Submarine. O. B. Jacobs. 2,020,316; Nov. 12.
 Cable, temperature. Controlling. J. K. H. Sticher. 2,020,128; Nov. 5.
 Cable terminal. L. R. W. Kelsay. 2,003,447; June 4.
 Cable terminal. E. E. Knudson. 1,988,174; Jan. 15.
 Cable terminal. F. C. Meyer and G. E. Moffitt. 1,986,842; Jan. 8.
 Cable terminal device. W. P. Bovard. 2,020,396; Nov. 12.
 Cable terminal, Electric. F. C. Meyer and G. E. Moffitt. 1,986,844; Jan. 8.
 Cable terminal for battery post. M. M. Pontus. 1,988,567; Jan. 22.
 Cable terminator. N. G. Polgov. 2,014,635; Sept. 17.
 Cable transmission, Submarine. O. E. Buckley and O. B. Jacobs. 2,020,297; Nov. 12.
 Cable vibration inhibitor. R. L. Templin. 1,992,555; Feb. 26.
 Cable, Weatherproof armored. G. Carlson. 2,003,991; June 4.
 Cable, Weatherproof armored. H. G. Knoderer. 2,004,004; June 4.
 Cable, Wire. V. Fürth. 2,010,184; Aug. 6.
 Cable with reduced magnetic coupling, Communication. E. Fischer and H. Gantzckow. 2,002,344; May 21.
 Cable wrapping machine. S. F. French and E. L. Jung-hanns. 1,989,135; Jan. 29.
 Cables and apparatus therefor, Joining together or anchoring wire. J. S. Highfield. 2,009,318; July 23.
 Cables, Apparatus for impregnating. G. B. Shanklin. 2,009,820; July 30.
 Cables, Apparatus for testing integrity of lead sheath. A. Z. Mample. 1,999,771; Apr. 30.
 Cables, Formation of. A. Rosner. 2,009,208; July 23.
 Cables, Manufacture of electric. M. Klein. 2,001,065; May 14.
 Cables, System and apparatus for reeving counterweight. R. W. Kaltenbach. 2,003,715; June 4.
 Cables, Terminating multiconductor high voltage. C. A. Jaques. 1,989,930; Feb. 5.
 Cables to batteries, Connecting. C. E. Hoover. 2,004,049; June 4.
 Cableway carriage. N. Mattro. 2,019,760; Nov. 5.
 Cableway load carrier. S. Samson. 1,994,963; Mar. 19.
 Caddie bag. M. B. Reach. 2,010,961; Aug. 13.
 Caddy bag. F. E. Howard. 2,008,759; July 23.
 Cadmium base bearing metal. W. E. McCullough. 1,988,504; Jan. 22.
 Cadmium, Producing. R. Teats. 2,011,739; Aug. 20.
 Case for parison molds. A. W. Beeson. 2,003,064; May 28.
 Cageless roller bearing. R. Götz. 1,995,978; Mar. 26.
 Caging and resetting means for gyroscopically controlled navigation instruments. J. S. Bennett. 1,996,896; Apr. 9.
 Caging indicator. W. J. Ukanavage. 1,995,872; Mar. 26.
 Caisson. A. G. Rotinoff. 2,010,199; Aug. 6.
 Caisson boring machine. H. E. Satre. 1,998,591; Apr. 23.
 Caisson liner and applying. H. E. Satre. 1,997,312; Apr. 9.
 Cake and method and mold for making the same, Pastry. V. A. Clement. 2,003,578; June 4.
 Cake forming or molding machine. F. C. Simon. 1,994,181; Mar. 12.
 Cake layer, Layer. T. P. Anello and E. A. La Course. 2,006,579; July 2.
 Cake, Making. B. R. Harris. 2,024,357; Dec. 17.
 Calcareous materials, Apparatus for burning. F. Failla. 2,007,676; July 9.
 Calciner. R. R. Shafter and R. Bernhard. 1,995,948; Mar. 26.
 Calciner. R. R. Shafter and R. Bernhard. 2,026,441; Dec. 31.
 Calcium acetylsalicylate, Preparation of. W. H. Lawrence, Jr. 2,003,374; June 4.
 Calcium carbamate, Production of. N. Caro, A. R. Frank, and H. H. Franck. 2,002,656; May 28.
 Calcium carbide, Preparing. E. Winter and F. Hartmann. 2,017,558; Oct. 15.
 Calcium chlorate-calcium chloride mixed product. S. B. Heath. 1,991,325; Feb. 12.
 Calcium formate, Production of. M. Enderli. 1,995,607; Mar. 26.
 Calcium gluconate solutions, Preparation of stable supersaturated. A. Stoll and E. Burckhardt. 1,989,655-6; Jan. 29.
 Calcium gluconate solutions, Stabilization of. J. A. Austin. 2,007,786; July 9.
 Calcium hypochlorite which can be satisfactorily filtered Making neutral. H. Klopstock and A. Wurbs. 2,007,429; July 9.
 Calcium nitrate and producing the same, Granulated. G. E. Cox. 1,989,684; Feb. 5.
 Calcium sulphate, Making. W. W. Heckert and G. D. Patterson. 2,018,955; Oct. 29.
 Calcium sulphate-zinc sulphide pigment. J. E. Booge. 2,016,537; Oct. 8.
 Calcium sulphates, Manufacture of. O. P. Gephart. 2,001,245; May 14.
 Calculating device, Graphic. J. M. Barr. 1,989,223; Jan. 29.
 Calculating machine. H. T. Avery. 1,986,875; Jan. 8.
 Calculating machine. H. T. Avery, and G. Lerch. 2,014,013; Sept. 10.
 Calculating machine. H. T. Avery and G. Lerch. 2,022,103; Nov. 26.
 Calculating machine. P. Bialik. 2,008,124; July 16.
 Calculating machine. T. M. Butler. 1,992,142; Feb. 19.
 Calculating machine. H. J. Duke. 2,010,068; Aug. 6.
 Calculating machine. B. Dysart. 2,014,560-1; Sept. 17.
 Calculating machine. C. M. F. Friden. 1,986,193; Jan. 1.
 Calculating machine. C. M. F. Friden. 1,986,888; Jan. 8.
 Calculating machine. C. M. F. Friden. 1,993,834; Mar. 12.
 Calculating machine. C. M. F. Friden. 2,008,135; July 16.
 Calculating machine. C. M. F. Friden. 2,009,010; July 23.
 Calculating machine. C. M. F. Friden and G. Lerch. 2,011,274; Aug. 13.
 Calculating machine. W. S. Gubelmann. 1,999,727; Apr. 30.
 Calculating machine. A. Kottmann. 1,991,806; Feb. 19.
 Calculating machine. R. L. Muller. 2,008,921; July 23.
 Calculating machine. A. A. Overbury. 1,995,434; Mar. 26.
 Calculating machine. E. Racz. 2,012,320; Aug. 27.
 Calculating machine. E. Racz. 2,022,823; Dec. 3.
 Calculating machine. P. H. Schump. 1,990,350; Feb. 5.
 Calculating machine. J. A. V. Turek. 2,020,975; Nov. 12.
 Calculating machine. J. A. V. Turek. 2,021,393; Nov. 19.
 Calculating machine and typewriter combined. R. E. Boutet. 1,998,355; Apr. 16.

- Calculator, Automatic. W. J. Pasinski. 2,017,104; Oct. 15.
 Calculator, Demurrage. N. W. Fields. 2,011,240; Aug. 13.
 Calendar. J. L. Larkin. 1,990,739; Feb. 12.
 Calendar. A. G. Maddock. 1,999,468; Apr. 30.
 Calendar. C. H. Post. 2,013,897; Sept. 10.
 Calendar. R. H. Segal. 2,006,455; July 2.
 Calendar, Advertising. J. S. Fisher. 2,003,142; May 28.
 Calendar and diary, Combined. L. Barta. 2,009,247;
 Calendar, Automatic. G. Rollnick and L. Friend. 2,014,863; Sept. 17.
 Calendar case. H. M. Mathers. 1,992,385; Feb. 26.
 Calendar clock. C. Canepa. 2,014,163; Sept. 10.
 Calendar, Dual century. E. L. Turnbaugh. 2,000,365; May 7.
 Calendar, Electric. R. J. Sharpe and E. Pekonen. 1,992,508; Feb. 26.
 Calendar, Illustrated display. E. G. Magnus and T. J. Mertz. 2,010,102; Aug. 6.
 Calendar, Index. O. P. Winford. 2,017,268; Oct. 15.
 Calendar, Lunar. L. E. and L. C. Means. 2,015,805; Oct. 1.
 Calendar, Mechanical. A. K. H. Germundson. 1,996,701; Apr. 2.
 Calendar, Mechanical. P. Girosi. 1,989,593; Jan. 29.
 Calendar, Miniature. C. Kahn. 1,993,514; Mar. 5.
 Calendar, Perpetual. O. A. Chidester. 1,987,180; Jan. 8.
 Calendar rack. R. J. Higginbotham and C. M. Martin. 2,018,063; Oct. 22.
 Calendar roll, Thermostatic. W. P. Boyd. 2,011,748; Aug. 20.
 Calibrating mechanism for piston meters. H. G. Weymouth. 2,017,267; Oct. 15.
 Calibration mechanism for reciprocating piston meters. W. H. Parker. 2,011,157; Aug. 13.
 Caliper and divider. J. Bachmann. 1,998,352; Apr. 16.
 Caliper device. A. H. Avery. 2,002,334; May 21.
 Caliper device. P. J. Darlington. 1,992,606; Feb. 26.
 Caliper device. M. H. Arms and J. B. Johnson. 2,004,361; June 11.
 Calipers. G. F. Long. 2,018,731; Oct. 29.
 Calisthenics device. P. E. Draheim. 1,998,226; Apr. 16.
 Calk for athletic shoes. E. C. Sternaman. 2,010,116; Aug. 6.
 Calk for horseshoes, Resilient. C. G. Akerburg. 2,001,118; May 14.
 Calk, Shoe. B. B. West. 2,022,992; Dec. 3.
 Calked pipe joint. E. E. Halteman. 2,011,681; Aug. 20.
 Calked pipe joint. E. C. Halteman. 2,024,000; Dec. 10.
 Call control apparatus for automatic telephone plants. H. Broder. 2,015,783; Oct. 1.
 Calling arrangement for radio-telephone circuits. E. R. and C. C. Taylor. 1,997,705; Apr. 16.
 Caloric value of liquid fuel, Raising the. A. Classen. 2,021,175; Nov. 19.
 Calorimeter. H. Junkers. 1,997,383; Apr. 9.
 Calorimeter, Full. R. W. Keith. 2,026,180; Dec. 31.
 Cam, Adjustable. A. I. Loop and O. L. Likens. 2,025,600; Dec. 24.
 Cam feed drilling head. E. J. Kingsbury. 2,010,999; Aug. 13.
 Cam follower, Producing a. C. A. Borton. 2,014,612; Sept. 17.
 Cam grinding apparatus. C. L. Ott. 1,993,854; Mar. 12.
 Cam grinding machine. A. P. Steiner, E. P. Wine, C. L. Ott, and H. E. Balsiger. 2,017,927; Oct. 22.
 Cam grinding machine, Hydraulically operated automatic. A. G. Belden and H. A. Silven. 2,022,178; Nov. 26.
 Cam, Inverse. M. Friedland. 1,993,135; Mar. 5.
 Cam-motion. J. A. Johnson. 2,007,274; July 9.
 Cam shafts and other noncircular or eccentric bodies, Production of. J. Morris. 2,017,371; Oct. 15.
 Cams, Hardening. D. J. Campbell. 2,017,305; Oct. 15.
 Camera. L. R. Bell. 2,005,818; June 25.
 Camera. N. P. Billing. 2,021,765; Nov. 19.
 Camera. A. W. Caps and P. Landrock. 2,001,596-7; May 14.
 Camera. P. Carpenter. 2,011,567; Aug. 20.
 Camera. D. F. Dolan. 1,991,924; Feb. 19.
 Camera. G. C. Gillespie. 1,990,181; Feb. 5.
 Camera. O. Henneberger. 1,989,449; Jan. 29.
 Camera. T. R. Laing. 2,014,437; Sept. 17.
 Camera. A. L. Mayer. 2,009,053; July 23.
 Camera. A. C. Mayo. 2,017,979; Oct. 22.
 Camera, Aircraft machine gun. J. P. Gaty. 1,986,261; Jan. 1.
 Camera, Aircraft machine gun. J. P. Gaty. 2,011,358; Aug. 13.
 Camera, Amateur motion picture. E. S. Porter. 2,022,362; Nov. 26.
 Camera and accessory therefor. H. T. Neumann. 1,991,768; Feb. 19.
 Camera and distance meter, Combined photographic. H. Kuppenbender. 2,010,268; Aug. 6.
 Camera and method of photography. A. L. Barnes. 2,016,937; Oct. 8.
 Camera and projector, Combined cinematograph. C. Wright. 1,997,354; Apr. 9.
 Camera and spooling system, Roll film. N. B. Green. 1,997,332; Apr. 9.
 Camera, Binocular. E. S. Porter. 2,013,288; Sept. 3.
 Camera, Color motion picture. A. Secci. 1,995,437; Mar. 26.
 Camera construction. C. C. Fuerst. 2,000,588; May 7.
 Camera construction. L. C. Stone. 2,020,384; Nov. 12.
 Camera control. J. C. Ireland. 1,986,398; Jan. 1.
 Camera convertible to projector, Photographic. C. E. Hillery-Collings. 1,993,884; Mar. 12.
 Camera, Copying. L. Wenzler. 1,988,367; Jan. 15.
 Camera, Enlarging. J. I. Morrall. 2,014,285; Sept. 10.
 Camera film register, Automatic. J. Reuger. 2,007,344; July 9.
 Camera focusing mechanism. G. A. Mitchell. 2,000,090; May 7.
 Camera, Folding. C. Bornmann, L. W. Lessler, and E. H. Heyer. 2,005,820; June 25.
 Camera for taking instantaneous color photographs. J. Zimmer. 2,006,007; June 25.
 Camera, Machine gun. J. P. Gaty. 2,005,366; June 18.
 Camera, Magazine. T. Lauritz. 1,992,223; Feb. 26.
 Camera, Magazine type of motion picture. J. Mihalyi. 1,994,586; Mar. 19.
 Camera, Meter feeding. E. H. Fahrney. 2,018,015; Oct. 22.
 Camera, Motion picture. T. M. De La Garde. 2,023,411; Dec. 10.
 Camera, Motion picture. K. Morsbach. 2,003,971; June 4.
 Camera, Motion picture. F. H. Owens. 1,986,522; Jan. 1.
 Camera, Motion picture. C. E. Phillmore. 2,019,767; Nov. 5.
 Camera, Motion picture. H. Rusting and N. Rusting, Jr. 2,012,352; Aug. 27.
 Camera, Motion picture. H. R. Schenck, Jr. 2,000,895; May 7.
 Camera, Motion picture. H. R. Schenck, Jr. 2,010,564; Aug. 6.
 Camera, Photographic. A. Barényi. 1,998,568; Apr. 23.
 Camera, Photographic. C. Bornmann and B. C. Roehrl. 2,002,076; May 21.
 Camera, Photographic. L. Goldhammer. 2,011,895; Aug. 20.
 Camera, Photographic. B. M. Herman. 2,018,670; Oct. 29.
 Camera, Photographic. A. S. Howell. 2,017,249; Oct. 15.
 Camera, Photographic. R. Klar. 2,014,137; Sept. 10.
 Camera, Photographic. W. Kubica. 2,007,016; July 2.
 Camera, Photographic. E. G. Mayer. 2,015,950; Oct. 1.
 Camera, Photographic. G. Reinert. 2,014,538; Sept. 17.
 Camera, Photographic. C. J. Rixen. 1,991,578; Feb. 19.
 Camera, Photographic film. A. Barényi. 2,011,432; Aug. 13.
 Camera, Photographic film. A. Barényi. 2,012,334; Aug. 27.
 Camera, Reflex. K. Nüchterlein. 2,025,609; Dec. 24.
 Camera, Reflex. K. Steiner. 2,016,058; Oct. 1.
 Camera, Reversible magazine. G. B. Scheibel, G. B. 2,008,110; July 16.
 Camera, Roll film. L. Goldhammer. 1,987,254; Jan. 8.
 Camera, Roll film. E. A. Hultquist and E. R. Bradford. 1,997,333; Apr. 9.
 Camera, Roll film. B. Mayer. 2,002,824; May 28.
 Camera shutter. C. C. Fuerst. 1,997,331; Apr. 9.
 Camera shutter and flash light synchronizing device. C. L. Wetterholm. 2,009,827; July 30.
 Camera, Sound recording. S. C. Whitman. 1,996,732; Apr. 2.
 Camera, Submarine. F. W. Jackman. 2,001,682-3; May 14.
 Camera support. J. T. Heck. 2,016,744; Oct. 8.
 Camera support. A. S. Howell. 2,012,628; Aug. 27.
 Camera support, Portable. C. B. Paul. 1,993,485; Mar. 5.
 Camera view finder. D. L. Wood. 1,987,041; Jan. 8.
 Camera with built-in actinometer. C. T. Brewer. 1,993,054; Mar. 5.
 Camera with movable mirror, Reflex. E. Weiss. 1,997,130; Apr. 9.
 Cameras, Dissolve device for. J. B. Walker. 1,991,530; Feb. 19.
 Cameras, Distance-finder for photographic. W. Thorner. 1,993,463; Mar. 5.
 Cameras, Focus and exposure gauging device for. D. Barbieri. 1,991,311; Feb. 12.
 Cameras, Range finder for. J. Mihalyi. 1,991,110; Feb. 12.
 Cameras, Sighting device for. G. Gwozdecki. 1,992,068; Feb. 19.
 Cameras, View finder for photographic. H. Kliff. 2,014,898; Sept. 17.
 Cameraless classification apparatus. J. H. V. Finney. 1,997,379; Apr. 9.
 Camper's tool. J. Le B. Arbuckle. 2,005,176; June 18.
 Camphor, Producing synthetic. J. J. Ritter. 1,987,750; Jan. 15.
 Can: See—
 Garbage can. Powder dispensing can.
 Measuring and dispensing Safety can.
 can. Safety oil can.
 Milk can. Tobacco can.
 Nesting paper can. Vacuum sealing can.
 Oil can.
 Can. J. M. Abrams. 2,002,072; May 21.
 Can. W. E. Burns. 1,987,817; Jan. 15.
 Can. E. F. Dival. 1,987,055; Jan. 8.
 Can. M. Goldberg. 2,009,257; July 23.
 Can. A. S. Raworth. 1,995,256; Mar. 19.
 Can. H. Sebell. 2,002,457-8; May 21.
 Can. H. Sebell. 2,011,778; Aug. 20.

- Can accessory, Paint. J. W. Kent and E. P. Peters. 2,004,285; June 11.
- Can advancing mechanism. F. F. Wolf. 1,997,710; Apr. 16.
- Can and cover washing machine. L. J. Williams. 2,017,880; Oct. 22.
- Can and grease gun, Nonrefillable. J. P. Gentry, Jr. 1,993,160; Mar. 5.
- Can and rip strip therefor, Sheet metal. A. G. Hopkins. 2,006,045; June 25.
- Can body testing machine. W. Cameron. 2,013,402; Sept. 3.
- Can bodies, Apparatus for reforming. J. A. Gray. 2,010,816; Aug. 13.
- Can casing machine. L. W. Hills and H. W. Clark. 2,013,408; Sept. 3.
- Can closing tool. C. C. Grotnes. 2,017,495; Oct. 15.
- Can closure. C. D. Harris and T. R. David. 2,021,123; Nov. 12.
- Can closure, Bayonet type. A. Davis, Jr. 2,007,562; July 9.
- Can cover. W. A. Rathbun and F. J. Doyle. 2,004,675; June 11.
- Can dump for ice machines. W. H. Aubrey. 2,001,008; May 14.
- Can feeding device. R. E. J. Nordquist. 2,007,981; July 16.
- Can feeding machine. N. P. Bach. 1,985,883; Jan. 1.
- Can feeding mechanism. F. Hunter. 1,985,897; Jan. 1.
- Can filling machine. J. Leonard. 2,016,378; Oct. 8.
- Can handler. P. L. Vannucci. 1,999,491; Apr. 30.
- Can handling machine. L. W. Hills. 2,020,552; Nov. 12.
- Can heading machine. W. Pechy. 1,986,847; Jan. 8.
- Can holder. P. M. Jarecki and F. J. Sobczak. 2,022,769; Dec. 3.
- Can holder for oil mops. H. Hertzberg. 2,017,245; Oct. 15.
- Can lip, Paint. J. Linthouse. 1,987,834; Jan. 15.
- Can, Method of and apparatus for making a. H. Sebell. 2,002,456; May 21.
- Can opener, funnel, and flexible pipe attachment, Combination. C. F. Bertschinger. 2,006,194; June 25.
- Can opening and liquid pouring device. D. McPherson. 2,008,219; July 16.
- Can opening and spout forming device. C. J. Aulbach. 2,011,509; Aug. 13.
- Can opening and spout forming device. W. F. Punte and O. S. Pease. 2,017,015; Oct. 8.
- Can opening device. C. Harris and O. B. Clark. 1,986,337; Jan. 1.
- Can opening machine. W. K. Cabot. 2,012,955; Sept. 3.
- Can opening machine. P. C. West. 1,986,657; Jan. 1.
- Can opening machine, Power driven. G. P. Ames. 2,011,170; Aug. 13.
- Can perforator and holder. D. C. Higbee. 2,025,450; Dec. 24.
- Can punch and sealer. A. J. Clark. 2,018,485; Oct. 22.
- Can punching and sealing means. A. Swedeland. 1,999,521; Apr. 30.
- Can puncturing device. F. F. Hosmer. 2,015,271; Sept. 24.
- Can salting machine. H. L. Bird. 1,993,587; Mar. 5.
- Can sealing machine. F. W. Leuthesser. 2,020,472; Nov. 12.
- Can server. C. L. Weltner. 2,024,898; Dec. 17.
- Can shifting device for can washing machines. J. M. McClatchie. 2,023,432; Dec. 10.
- Can tester. M. E. Widell. 2,019,517; Nov. 5.
- Can testing apparatus. W. Cameron. 2,013,403; Sept. 3.
- Can testing machine. W. Cameron. 2,020,535; Nov. 12.
- Can top, Quick-opening. R. Bergman. 2,002,564; May 28.
- Can top remover. J. H. Mullan. 2,002,906; May 28.
- Can vacuumizing and seaming machine. G. A. and G. V. Bardet. 2,018,113; Oct. 22.
- Can washing machine. L. J. Williams. 2,018,000; Oct. 22.
- Canning. A. K. Malmquist. 2,021,665; Nov. 19.
- Canning apparatus. J. M. Devers. 2,026,022; Dec. 31.
- Cans, Apparatus for making. A. V. Sullivan. 2,014,706; Sept. 17.
- Canal lock. J. L. Adams. 2,021,345; Nov. 19.
- Canals and the like, Constructing. J. H. deW. Waller. 2,015,771; Oct. 1.
- Candle. E. W. Will. 1,993,710; Mar. 5.
- Candle and protecting case therefor. D. O. C. Deckert. 2,025,096; Dec. 24.
- Candle holder. J. M. Powers. 1,998,024; Apr. 16.
- Candle making apparatus. C. J. Schroeder. 2,007,773; July 9.
- Candle protector. G. A. Friedrichs. 2,017,533; Oct. 15.
- Candler and grader combined. Egg. O. Niederer. 2,004,338; June 11.
- Candles, Apparatus for forming self fitting ends on. J. M. Chamberlain. 1,993,709; Mar. 5.
- Candy cleaning mechanism. E. D. Rapisarda. 2,018,418; Oct. 22.
- Candy laxative tablets, Making. K. A. Clark. 1,991,139; Feb. 12.
- Cane and stool. A. A. Hanson. 1,997,142; Apr. 9.
- Cane, Antislipping. W. E. Russell and E. R. Lyon. 2,005,507; June 18.
- Cane harvesting machine. E. C. Pitcher. 1,990,250; Feb. 5.
- Canes, Making hollow metallic. J. C. Anderson. 2,006,429; July 2.
- Cannon. L. L. Driggs, Jr. 1,999,357; Apr. 30.
- Cannon and operating same, Gas. E. S. Peake. 1,998,023; Apr. 16.
- Cannon, Gas. E. S. Peake. 2,000,607; May 7.
- Canopy and supporting means therefor. G. T. Turner. 2,023,155; Dec. 3.
- Canopy, Collapsible protective. H. Martinson. 2,013,691; Sept. 10.
- Canopy frame. H. S. Shelton. 2,015,321; Sept. 24.
- Canopy, Portable lawn. C. B. Leffert. 2,022,211; Nov. 26.
- Caoutchouc, Vulcanization of. E. Schwenk and H. Jordan. 1,996,593; Apr. 2.
- Cap. J. S. Algeo. 1,999,622; Apr. 30.
- Cap. G. De W. Rollins. 2,005,361; June 18.
- Cap, Adjustable. F. H. Cremen. 1,997,678; Apr. 16.
- Cap and detachable spreader, Combination. M. A. Greene. 1,993,837; Mar. 12.
- Cap and lock therefor, Storage tank filling neck. H. W. Morris. 1,996,997; Mar. 26.
- Cap and making same. A. C. Spahn. 2,021,205; Nov. 19.
- Cap and package. C. Hammer. 1,998,870; Apr. 23.
- Cap and package. E. Scofield. 2,007,257; July 9.
- Cap and pressure applying attachment, Combined. A. A. Varese. 1,988,404; Jan. 15.
- Cap and pressure applying attachment, Combined. A. A. Varese. 2,007,100; July 2.
- Cap and spreader, Combination. J. J. Williams. 2,001,644; May 14.
- Cap bail reshaping tool. W. J. Smith. 2,011,530; Aug. 13.
- Cap, Bathing. W. Carter. 2,003,920; June 4.
- Cap, Beverage bottle. L. J. Strauss. 2,004,018; June 4.
- Cap, Blasting. D. F. North. 2,012,827; Aug. 27.
- Cap, Blasting. F. Rosenthal. 2,005,957; June 25.
- Cap closures to receptacles, Applying. E. B. Kramer. 1,998,628; Apr. 23.
- Cap, Collapsible tube. A. Goss. 2,003,506; June 4.
- Cap, Conduit. R. G. Whitlock and L. Sharp. 2,005,211; June 18.
- Cap, Container. L. Schulman. 2,010,037; Aug. 6.
- Cap, Cushion. D. A. Gillen. 2,012,872; Aug. 27.
- Cap, Delay. H. E. Nash. 1,999,820; Apr. 30.
- Cap, Dispensing. E. G. DeValera. 2,017,686; Oct. 15.
- Cap, Distributor. W. Sherman. 1,996,440; Apr. 2.
- Cap, Fill pipe. F. F. Rike. 2,018,534; Oct. 22.
- Cap for cans or the like, Removable. S. O. Paull. 2,003,460; June 4.
- Cap for closures, Seal. E. E. Cooper. 2,010,535; Aug. 6.
- Cap for collapsible containers, Self-sealing. B. B. Leustig. 2,015,602; Sept. 24.
- Cap for collapsible tubes. N. D. Newby. 1,989,145; Jan. 29.
- Cap for collapsible tubes, Brushless shaving cream spreader. C. W. Bryan. 2,008,636; July 16.
- Cap for collapsible tubes, Combined closing and outlet. H. A. Thornton. 2,005,642; June 18.
- Cap for containers. R. C. Wolfe. 2,024,495; Dec. 17.
- Cap for drinking glasses. R. I. Stubblefield. 2,003,657; June 4.
- Cap for fruit jars. E. W. Missel. 2,024,657; Dec. 17.
- Cap for gas tanks and the like, Self-locking. A. C. Lippert and J. D. Kramer. 2,007,805; July 9.
- Cap for gasoline tanks, Locking. C. C. Alvord. 1,992,408; Feb. 26.
- Cap for nose rings, Piercing. H. E. Meltzer. 2,024,699; Dec. 17.
- Cap for pharmaceutical containers, Permanently retained. C. E. Worth. 2,017,140; Oct. 15.
- Cap for radiators and the like. L. A. Sweet. 1,999,119; Apr. 23.
- Cap for spinning or twisting machine. F. K. Hendrickson. 2,024,448; Dec. 17.
- Cap for steam radiator valves. G. W. Taylor. 2,014,153; Sept. 10.
- Cap former, Bottle. G. A. Buttress. 2,003,643; June 4.
- Cap forming apparatus and method. G. Goebel. 2,022,235; Nov. 26.
- Cap forming machine. G. A. Shaffer and F. H. Wirtz. 2,023,152; Dec. 3.
- Cap, Full fashioned hair net. S. F. Kayn. 2,007,895; July 9.
- Cap, Hair waving. E. G. Brown. 2,020,236; Nov. 5.
- Cap handling machine. F. E. Macy. 1,993,937; Mar. 12.
- Cap, Hub. H. Tonai. 2,014,058; Sept. 10.
- Cap, Interchangeable spinning. T. A. Darr. 2,008,609; July 16.
- Cap, Locking gas. M. G. Ivandick. 1,986,203; Jan. 1.
- Cap, Locking gas. R. B. Ivandick. 2,014,134; Sept. 10.
- Cap, Lug. E. B. Kramer. 2,008,585; July 16.
- Cap, Miner's. M. and J. Goldstein. 2,014,324; Sept. 10.
- Cap or closure for milk bottles. V. M. Kloss. 2,021,662; Nov. 19.
- Cap or the like, Hub. J. S. Reid. 2,015,352; Sept. 24.
- Cap, Paste tubem. L. B. Frye. 1,993,054; Mar. 5.
- Cap, Plug. B. J. Yanchenko. 2,025,189; Dec. 24.
- Cap, Railway vehicle journal box pedestal. A. W. Bruce. 2,006,911; July 2.
- Cap, Safety toe. A. Ranauro. 2,007,728; July 9.
- Cap, Sheet metal. H. V. Rau. 1,990,670; Feb. 12.
- Cap, Shaker. M. J. Gibbons. 2,024,920; Dec. 17.
- Cap, Tank filler. L. W. G. Flynt. 2,016,773; Oct. 8.
- Cap, Tube. C. P. Frank. 2,015,999; Oct. 1.
- Cap turning implement. J. J. Herlihy and J. P. Dorsey. 2,009,774; July 30.

- Cap, Ventilated engineer's. R. Klein. 2,004,913; June 11.
- Capper. W. H. Knowles. 2,024,824; Dec. 17.
- Capper, Hand. H. L. Compton. 1,992,567; Feb. 26.
- Capping head. W. J. Mundy. 1,995,860; Mar. 26.
- Capping machine. F. L. Darling and G. J. Huntley. 1,993,650; Mar. 5.
- Capping machine. J. J. Gaynor. 2,006,450; July 2.
- Capping machine. A. Podel. 2,020,375; Nov. 12.
- Capping mechanism. J. F. Geyer. 1,989,039; Jan. 22.
- Caps, Adjustable. J. Shapiro. 2,020,582; Nov. 12.
- Caps, Apparatus for assembling receptacle closure. J. A. Johnson. 2,017,124; Oct. 15.
- Caps for receptacles, Apparatus and method for forming. F. S. Bell. 2,022,949; Dec. 3.
- Caps, Making sheet metal. E. H. Johnson. 2,018,022; Oct. 22.
- Caps, Manufacturing hot. H. R. Sage. 2,004,396; June 11.
- Caps, Method and apparatus for making container. M. Shank and H. J. Flikkie. 2,013,320; Sept. 3.
- Caps on containers, Apparatus for tightening. H. A. Barnby. 2,026,118; Dec. 31.
- Caps on jars, Apparatus for tightening. H. T. Griswold. 2,005,186; June 18.
- Caps to cores, Fastening core. E. W. Bebie. 2,020,348; Nov. 12.
- Capacitor motor. J. G. Baker. 2,003,031; May 28.
- Capacitor motor. R. C. Sprague. 2,011,126; Aug. 13.
- Capacitor, Self clearing fused sectionalized. R. Rüdtenberg. 1,991,063; Feb. 12.
- Cape, mat, and bag, Combination. J. H. Johnson. 2,024,044; Dec. 10.
- Caponizing device. W. P. Stough. 2,021,334; Nov. 19.
- Capsule. A. J. Messner. 2,004,957; June 18.
- Capsule administering device. J. C. Clark. 2,017,783; Oct. 15.
- Capsule applicator. O. I. Waring. 2,007,626; July 9.
- Capsule filling device. J. R. Pattee. 2,010,699; Aug. 6.
- Capsule filling machine. R. Ferro. 1,993,092; Mar. 5.
- Capsule filling machine. W. A. Hanley and B. T. Childs. 1,993,716; Mar. 5.
- Capsule for bottles and other containers, Expanding closing. W. Faltbauser. 2,015,846; Oct. 1.
- Capsule, Inhalant. A. M. Painter, H. P. Cady, and G. C. Henson. 2,010,318; Aug. 8.
- Capsule making machine. F. F. Klett. 2,000,234; May 7.
- Car. C. E. Windecker. 2,000,631; May 7.
- Car, Air propelled. E. C. Juergens. 1,999,296; Apr. 30.
- Car and container therefor, Container. G. C. Woodruff. 2,010,212; Aug. 6.
- Car body, All-metal. J. B. Menton. 2,025,065; Dec. 24.
- Car body, Railway. C. De L. Rice. 2,005,165; June 18.
- Car body structure. C. B. Fritzsche. 2,023,046; Dec. 3.
- Car brake. M. Ware. 2,001,229; May 14.
- Car bumper and light guard, Combined. A. R. Long. 1,993,675; Mar. 5.
- Car, Compartment. W. M. Stewart. 1,994,150; Mar. 12.
- Car construction. J. P. Anderson. 1,990,057; Feb. 5.
- Car construction. M. C. Blest. 2,015,780; Oct. 1.
- Car construction. M. C. Blest and G. A. Suckfield. 1,995,532; Mar. 26.
- Car construction. D. Hindahl. 2,007,272-3; July 9.
- Car construction. G. T. Johnson. 2,004,330; June 11.
- Car construction. G. Koch. 2,015,802; Oct. 1.
- Car construction. J. O. Neikirk. 2,011,155; Aug. 13.
- Car construction. G. A. Suckfield. 2,015,767; Oct. 1.
- Car construction, Railway. W. F. Dietrichson. 2,024,342; Dec. 17.
- Car construction, Railway. R. C. Kepner. 2,014,738; Sept. 17.
- Car construction, Repair house. J. P. McWilliams and F. Ditchfield. 2,000,531; May 7.
- Car control device, Safety. J. C. McCune. 1,991,905; Feb. 19.
- Car control equipment, Safety. J. C. McCune. 2,014,857; Sept. 17.
- Car, Converted house. F. Ditchfield. 2,010,143; Aug. 6.
- Car, Convertible railway freight. C. L. Madden and A. J. Hersey. 2,009,895; July 30.
- Car cooler, Portable. W. C. Phillips. 2,019,796; Nov. 5.
- Car coupler. A. C. Schmohl and H. N. D. Asper. 2,004,221; June 11.
- Car coupler. R. J. Wittmer and T. Zintsmaster. 1,990,887; Feb. 12.
- Car coupler carrier. G. G. Gilpin. 1,987,290; Jan. 8.
- Car coupler mechanism. G. T. Johnson and H. H. Wolfe. 2,016,237; Oct. 1.
- Car coupler support, Railway. W. J. Tangerman. 2,021,570; Nov. 19.
- Car couplers, Device for operating. G. G. Gilpin. 2,007,756; July 9.
- Car coupling. W. B. Lyon. 2,013,519; Sept. 3.
- Car doorlock, Refrigerator. A. Wasberg. 2,002,304; May 21.
- Car, Drop bottom mine. V. Willoughby. 2,012,114; Aug. 20.
- Car, Dump. J. P. Anderson. 2,012,595; Aug. 27.
- Car dumping apparatus. E. W. Taylor. 1,994,796; Mar. 19.
- Car, Earth moving. E. P. Hayward and W. Lehman. 2,009,448; July 30.
- Car end construction. G. T. Johnson. 2,019,910; Nov. 5.
- Car end, Pressed steel. J. P. Gallagher. 2,004,199; June 11.
- Car ends, Reinforced corrugated. A. W. Fraser. 2,008,640; July 16.
- Car, Hand. A. G. Seltter. 2,004,676; June 11.
- Car hatch structure. A. F. Leppla. 2,011,816; Aug. 20.
- Car heater. C. A. Claesson. 1,987,603; Jan. 15.
- Car heater, Electric. R. J. Parsons. 1,993,521; Mar. 5.
- Car, Hopper. O. C. Duryea. 2,010,391 Aug. 6.
- Car, Hopper. C. S. Shallenberger, C. F. Frede, and H. Hoblitzelle. 2,015,197; Sept. 24.
- Car, Hot metal. C. P. Astrom. 1,995,166; Mar. 19.
- Car, House. F. Ditchfield. 2,000,164; May 7.
- Car, House. F. Ditchfield. 2,000,320; May 7.
- Car, House. F. Ditchfield. 2,003,040; May 28.
- Car, House. G. Madland. 2,020,425; Nov. 12.
- Car, House. J. P. McWilliams and F. Ditchfield. 2,006,220; June 25.
- Car, Insulated. E. D. Brigham, Jr. 2,021,909; Nov. 26.
- Car jacking mechanism. A. E. Leach. 2,014,439; Sept. 17.
- Car loading device. S. D. Butterworth. 2,010,846; Aug. 13.
- Car loading device. L. I. Friedlaender. 2,024,444; Dec. 17.
- Car loading device. J. W. Hice. 2,016,430; Oct. 8.
- Car, Low bottom. H. W. Sanford. 2,013,583; Sept. 3.
- Car, Mine. C. P. Daniel. 2,003,878; June 4.
- Car, Mine. H. P. Field. 1,985,983; Jan. 1.
- Car, Mine. H. P. Field. 2,014,725; Sept. 17.
- Car, Mine. E. W. Light. 1,992,919; Feb. 26.
- Car, Mine. D. U. Rich. 2,001,692; May 14.
- Car mover, Power. W. Mische. 1,994,530; Mar. 19.
- Car opening and pouring device. V. W. Moody. 1,998,164; Apr. 16.
- Car or like vehicle, Motor. D. G. Mackenzie. 1,991,619; Feb. 19.
- Car, Ore. G. G. Newcomb. 1,998,731; Apr. 23.
- Car, Poultry. F. X. Mudd. 1,999,526; Apr. 30.
- Car puller. W. E. Goodman. 1,991,157; Feb. 12.
- Car, Rail flaw detector. G. L. Jones. 2,011,409; Aug. 13.
- Car, Rail flaw detector. W. M. Perry. 2,011,416; Aug. 13.
- Car, Rail flaw detector. C. B. Roede. 2,011,418; Aug. 13.
- Car, Railway. E. G. Hallquist and W. C. Krauthelm. 2,019,304; Oct. 29.
- Car, Railway. E. W. Light. 1,989,705; Feb. 5.
- Car, Railway. V. Willoughby. 2,003,916; June 4.
- Car, Railway. V. Willoughby. 2,020,863; Nov. 12.
- Car, Railway. W. E. Wine. 2,020,391; Nov. 12.
- Car, Railway hopper. W. F. Dietrichson. 2,020,880; Nov. 12.
- Car, Railway hopper. W. E. Wine. 1,998,532; Apr. 23.
- Car, Refrigerator. E. H. Batchelder, Jr. 2,012,527; Aug. 27.
- Car, Refrigerator. C. D. Bonsall. 1,989,263; Jan. 29.
- Car, Refrigerator. L. E. Cartmill. 2,023,406; Dec. 10.
- Car, Refrigerator. O. Luhr. 1,987,693; Jan. 15.
- Car retarder for railroads. N. C. L. Brown. 2,009,953; July 30.
- Car retarder, Magnetic. N. C. L. Brown. 1,990,893; Feb. 12.
- Car retarder, Magnetic. O. A. Ross. 1,990,799; Feb. 12.
- Car retarder structure. H. L. Bone. 1,998,116; Apr. 16.
- Car retarders, Apparatus for the control of railway. J. W. Livingston. 2,022,086; Nov. 26.
- Car roof. C. G. Gilpin. 1,995,849; Mar. 26.
- Car roof. J. J. Tatum. 2,021,674; Nov. 19.
- Car roof structure. J. J. Tatum. 2,021,675; Nov. 19.
- Car side wall, Railway. A. E. Small. 2,010,381; Aug. 6.
- Car, Sleeping. A. H. Woodward. 2,000,547-51; May 7.
- Car stabilizer. E. G. Goodwin. 2,009,771; July 30.
- Car structure, Articulated. E. S. Beckett. 2,019,288; Oct. 29.
- Car stop. W. Pilkington. 2,007,613; July 9.
- Car supporting means. E. J. Sattler. 2,024,603; Dec. 17.
- Car, Tank. C. C. C. Burkhardt. 2,000,819; May 7.
- Car, Tank. R. C. Pierce. 1,988,808; Jan. 22.
- Car truck. H. W. Frost, Jr. 2,008,205; July 16.
- Car truck. M. H. Martin. 2,021,797; Nov. 19.
- Car truck. J. A. Shafer. 2,007,005; July 2.
- Car truck construction. H. E. Anderson. 2,025,493; Dec. 24.
- Car truck, Lateral motion spring damping. E. W. Webb. 2,013,797; Sept. 10.
- Car underframe. J. F. Muhfeld. 2,015,188; Sept. 24.
- Car underframe. H. M. Pfleger. 2,015,190; Sept. 24.
- Car underframe structure. E. G. Hallquist. 1,988,720; Jan. 22.
- Car underframe structure, Tank. D. C. Prescott. 2,011,076; Aug. 13.
- Car underframing or the like, Freight. G. T. Johnson. 2,010,024; Aug. 6.
- Car wall, Railway. A. E. Small. 2,010,382; Aug. 6.
- Car washing machine. C. P. Ross. 1,988,665; Jan. 22.
- Car wheel. N. R. Brownay. 2,016,828; Oct. 8.
- Car wheel. C. Saurer. 2,005,302; June 18.
- Car wheels and rails, Lubricating. M. C. Boit. 1,991,725; Feb. 19.
- Car with trailer for camping, Motor. A. M. L. Levoyer. 2,001,619; May 14.
- Cars and the like, Apparatus for washing motor. J. Rohan. 2,011,375; Aug. 13.
- Cars, Antilock roll mechanism for. C. M. Jameson. 2,002,857; May 28.
- Carbamates and conversion product of the same, Production of. A. Stock. 2,014,512; Sept. 17.
- Carbamyl disulphides and preparation thereof. J. Teppe. 2,024,613; Dec. 17.

- Carbide disk, Thin cemented. G. F. Taylor. 1,991,233; Feb. 12.
- Carbide materials, Making hard cemented. G. J. Comstock. 1,998,609; Apr. 23.
- Carbides and an apparatus therefor, Making abrasive metal. R. R. Ridgway. 2,005,956; June 25.
- Carbides and making acetylene therefrom, Producing. R. G. Wulff. 1,996,185; Apr. 2.
- Carbohydrate derivative and making the same. F. Schulze. 2,016,299; Oct. 8.
- Carbohydrate solutions obtained in the saccharification of cellulose-containing materials, Purifying. E. Faerber, H. Koch, and H. Urban. 1,997,545; Apr. 9.
- Carbohydrates, Decomposition of highly polymerized. H. Schlubach. 2,016,617; Oct. 8.
- Carbohydrates, Process and apparatus for the fermentation of. S. C. Daranyi. 2,001,930; May 21.
- Carbon, Activated. E. T. Olson. 2,003,277; May 28.
- Carbon and making same, Nonstructural adsorptive. J. C. Morrell. 1,989,107; Jan. 29.
- Carbon and making same, Structural activated. J. C. Morrell. 2,008,146; July 16.
- Carbon and making same, Structural activated. J. C. Morrell. 2,008,148; July 16.
- Carbon and making the same, Adsorptive. J. C. Morrell. 2,008,145; July 16.
- Carbon and making the same, Structural adsorptive. J. C. Morrell. 2,008,144; July 16.
- Carbon bisulphide, Manufacture of. F. J. Mootz. 1,992,832; Feb. 26.
- Carbon black. E. H. Damon. 2,005,022; June 18.
- Carbon black. E. B. Spear and R. L. Moore. 1,987,644; Jan. 15.
- Carbon black. W. B. Wiegand. 2,013,775; Sept. 10.
- Carbon black, Manufacture of. G. A. Frenkel. 1,990,228; Feb. 5.
- Carbon black, Manufacture of. J. B. Heid. 1,986,198; Jan. 1.
- Carbon black, Manufacture of. E. B. Spear and R. L. Moore. 1,987,643; Jan. 15.
- Carbon black, Manufacture of. W. B. Wiegand. 2,013,774; Sept. 10.
- Carbon black, Manufacturing. J. J. C. Willekens. 2,008,270; July 16.
- Carbon black, Producing. R. H. Eagles. 2,015,360; Sept. 24.
- Carbon black production. T. P. Keller. 1,999,541; Apr. 30.
- Carbon black, Special. W. W. Odell. 1,999,573; Apr. 30.
- Carbon compounds containing fluorine, Preparation of. H. W. Daudt and M. A. Youker. 2,005,705; June 18.
- Carbon compounds, Fluorination of. H. W. Daudt and E. L. Matfison. 2,004,931; June 18.
- Carbon content of iron, Increasing. T. Tafel, Jr. 2,021,159; Nov. 19.
- Carbon copying unit. M. Hopp. 2,023,958; Dec. 10.
- Carbon deposits from engine parts, Removing. R. G. Gerlach. 2,006,636; July 2.
- Carbon dioxide, Apparatus for producing solid. H. A. Bullock. 2,022,705; Dec. 3.
- Carbon dioxide apparatus, Self-administering. J. H. Hicks. 2,007,330; July 9.
- Carbon dioxide contained in gases into carbon monoxide, Converting. O. and J. F. Stålhane. 2,007,586; July 9.
- Carbon dioxide fire extinguishing system including selector valve, Automatic and manual. S. E. Allen and O. N. Wiswell. 2,023,569; Dec. 10.
- Carbon dioxide from a gas mixture, Recovering. C. H. Vosburgh. 2,017,779; Oct. 15.
- Carbon dioxide from flue gases, Production of. R. J. Claret. 2,003,922; June 4.
- Carbon dioxide, Manufacture of solid. R. L. Hasche. 2,011,550; Aug. 13.
- Carbon dioxide, Manufacturing solid. R. L. Hasche. 2,011,551; Aug. 13.
- Carbon dioxide, Method of and apparatus for controlling the sublimation of solid. H. C. Williamson. 2,026,335; Dec. 31.
- Carbon dioxide, Method of and apparatus for obtaining. F. B. Hunt. 1,992,486; Feb. 26.
- Carbon dioxide, Process of and apparatus for manufacturing liquid and solid. F. B. Hunt. 2,012,587; Aug. 27.
- Carbon dioxide, Producing solid. F. B. Gilmore. 2,016,815; Oct. 8.
- Carbon dioxide, Production and storage of liquid. G. Maiuri. 2,008,309; July 16.
- Carbon dioxide, Production of solid. G. Maiuri. 2,021,073; Nov. 12.
- Carbon dioxide, Solidifying. G. Maiuri. 1,997,151; Apr. 9.
- Carbon holder. C. L. Kelly. 2,024,770; Dec. 17.
- Carbon manifold device. A. L. Rendall. 1,992,544; Feb. 26.
- Carbon, Manufacturing active. V. Weerts. 2,025,367; Dec. 24.
- Carbon monoxide and/or diolefines from gases or vapors, Absorbing. A. J. van Peski. 1,999,159; Apr. 23.
- Carbon pile regulator. A. J. S. Brown and A. L. Ash. 2,015,468; Sept. 24.
- Carbon pile regulator. A. J. S. Brown and A. L. Ash. 2,023,723; Dec. 10.
- Carbon pile regulator. G. H. Fournier. 1,993,508; Mar. 5.
- Carbon, Producing nonstructural activated. J. C. Morrell. 1,989,108; Jan. 29.
- Carbon, Production of activated. F. H. Cone and C. B. Houlder. 2,026,355; Dec. 31.
- Carbon removing composition. C. R. Keen and C. E. Moore. 2,004,628; June 11.
- Carbon saver. R. E. Wilson. 2,016,065; Oct. 1.
- Carbon steel wire rods, Production of heat-treated coiled medium or high. H. D. L. Lloyd. 2,023,736; Dec. 10.
- Carbon structure control in iron. W. J. Kelly. 1,986,401; Jan. 1.
- Carbon tetrachloride, Purification of. W. T. Nichols. 2,016,804; Oct. 8.
- Carbon tetrachloride, Stabilizing. P. S. Brallier. 2,002,168; May 21.
- Carbonaceous material, Destructive distillation of. L. C. Karrick. 2,011,034; Aug. 13.
- Carbonaceous material, Destructive hydrogenation of. P. Herold and H. Kaufmann. 2,002,997; May 28.
- Carbonaceous materials, Hydrogenation of. R. H. Griffith, R. N. B. D. Bruce, and S. G. Hill. 2,016,169; Oct. 1.
- Carbonaceous material, Impregnating. H. H. Champney. 1,993,434; Mar. 5.
- Carbonaceous materials and activated carbon, Manufacture of compressed. J. C. Morrell. 2,008,147; July 16.
- Carbonaceous materials, Cleaning of. R. Lessing, R. H. Allen, and E. S. Gyngell. 1,989,937; Feb. 5.
- Carbonaceous materials, Destructive hydrogenation of. M. Pier. 1,989,822; Feb. 5.
- Carbonaceous materials, Hydrogenating. T. W. Pfirrmann. 2,012,318; Aug. 27.
- Carbonaceous materials into hydrocarbons of low boiling point, Conversion of liquid. M. Pier and H. Lemme. 1,993,226; Mar. 5.
- Carbonaceous materials, Treating. E. B. Peck. 2,009,717; July 30.
- Carbonate of improved color, Making an alkaline earth metal. J. W. Church and R. R. McClure. 1,994,271; Mar. 12.
- Carbonating charger. J. Wysocki. 1,997,400; Apr. 9.
- Carbonator. W. C. Buttner. 2,019,479; Nov. 5.
- Carbonator and cooler. L. C. Carroll and C. W. Lovelace. 1,987,323; Jan. 8.
- Carbonizable materials and of recovering vapors and gases resulting therefrom, Coking. E. O. Rhodes and J. C. Fitzpatrick. 2,016,051; Oct. 1.
- Carbonizing apparatus. C. B. Wisner. 1,993,199; Mar. 5.
- Carbons, Preparing activated vegetable. L. Wickenden and J. J. Naugle. 2,002,651; May 28.
- Carboxylic acids, Preparation of. A. T. Larson and W. E. Vail. 2,010,402; Aug. 6.
- Carboy box. A. W. James. 2,019,860; Nov. 5.
- Carboy package. R. W. Lahey and K. M. Sieg. 2,021,879; Nov. 19.
- Carbureting process. W. H. Hermsdorf. 1,994,247; Mar. 12.
- Carburetor. E. S. Almaraz and E. C. San Antonio. 2,002,928; May 28.
- Carburetor. F. O. Ball and T. M. Ball. 2,024,419; Dec. 17.
- Carburetor. E. V. Beals. 2,009,992; Aug. 6.
- Carburetor. P. Cameron. 2,011,997; Aug. 20.
- Carburetor. A. Chanard. 1,986,321; Jan. 1.
- Carburetor. M. E. Chandler. 2,015,709; Oct. 1.
- Carburetor. M. E. Chandler. 2,019,172; Oct. 29.
- Carburetor. M. E. Chandler. 2,022,027; Nov. 26.
- Carburetor. D. Cole. 1,994,944; Mar. 19.
- Carburetor. D. Cole. 1,996,406; Apr. 2.
- Carburetor. J. S. Culp. 2,002,732; May 28.
- Carburetor. C. Drouin. 2,022,957; Dec. 3.
- Carburetor. L. R. Ebert. 2,020,141; Nov. 5.
- Carburetor. G. Elssing. 2,016,771; Oct. 8.
- Carburetor. J. W. FitzGerald. 2,017,239; Oct. 15.
- Carburetor. E. F. Geiger. 2,025,504; Dec. 24.
- Carburetor. R. E. Gould. 1,988,653; Jan. 22.
- Carburetor. C. J. Grace. 2,014,763; Sept. 17.
- Carburetor. C. J. Grace. 2,024,638; Dec. 17.
- Carburetor. L. B. Grantham. 2,018,667; Oct. 29.
- Carburetor. J. Graziano. 2,009,919; July 30.
- Carburetor. N. G. A. Gustafsson. 2,012,665; Aug. 27.
- Carburetor. G. Hammond. 2,023,925; Dec. 10.
- Carburetor. F. H. Heitger. 1,986,574; Jan. 1.
- Carburetor. F. H. Heitger. 2,004,242; June 11.
- Carburetor. F. H. Heitger. 2,025,860; Dec. 31.
- Carburetor. G. F. Hodges and F. B. Cota. 2,003,363; June 4.
- Carburetor. F. J. Holmes. 2,012,564; Aug. 27.
- Carburetor. A. C. Hoof. 2,014,021; Sept. 10.
- Carburetor. C. F. Hoyt. 2,024,645; Dec. 17.
- Carburetor. S. F. Hunt. 1,996,245; Apr. 2.
- Carburetor. S. F. Hunt. 2,009,109; July 23.
- Carburetor. S. F. Hunt. 2,015,752-3; Oct. 1.
- Carburetor. J. A. Jacks. 2,020,418; Nov. 12.
- Carburetor. H. Jacoby and H. Müsli. 2,021,554; Nov. 19.
- Carburetor. W. Johnson. 1,991,804; Feb. 19.
- Carburetor. G. L. Kennedy. 1,999,567; Apr. 30.
- Carburetor. G. L. Kennedy. 2,004,003; June 4.
- Carburetor. G. L. Kennedy. 2,014,000; Sept. 10.
- Carburetor. T. Linga. 2,010,956; Aug. 13.
- Carburetor. M. Mallory. 1,999,334; Apr. 30.
- Carburetor. M. Mallory. 2,007,337; July 9.
- Carburetor. M. Mallory. 2,009,937; July 30.
- Carburetor. L. H. Messinger, Jr. 2,021,694-5; Nov. 19.
- Carburetor. A. J. Metz. 2,007,474; July 9.
- Carburetor. F. C. Mock and M. E. Chandler. 1,989,210; Jan. 29.

- Carburetor. J. T. Moseley. 2,013,787; Sept. 10.
 Carburetor. O. Moysard. 2,016,449; Oct. 8.
 Carburetor. S. E. Myers. 2,014,907; Sept. 17.
 Carburetor. C. N. Pogue. 1,997,497; Apr. 9.
 Carburetor. A. M. Prentiss. 1,986,408; Jan. 1.
 Carburetor. A. M. Prentiss. 1,999,517; Apr. 30.
 Carburetor. A. M. Prentiss. 2,009,412; July 30.
 Carburetor. A. M. Prentiss. 2,013,734; Sept. 10.
 Carburetor. W. C. Rayfield. 2,012,248; Aug. 20.
 Carburetor. C. F. Robbins. 2,017,919; Oct. 22.
 Carburetor. C. A. Rosier. 2,003,313; June 4.
 Carburetor. O. A. Ross. 2,010,563; Aug. 6.
 Carburetor. S. D. Ross. 2,011,912; Aug. 20.
 Carburetor. E. H. Rustin. 2,014,986; Sept. 17.
 Carburetor. C. Schmid. 2,023,647; Dec. 10.
 Carburetor. P. Schüttler. 1,995,587; Mar. 26.
 Carburetor. S. C. Smith. 1,992,247; Feb. 26.
 Carburetor. M. Sprenger. 2,009,280; July 23.
 Carburetor. I. Steinhardt. 1,988,817; Jan. 22.
 Carburetor. F. Stokes. 2,008,804; July 23.
 Carburetor. H. H. Timian. 2,003,403; June 4.
 Carburetor. H. H. Timian. 2,010,206; Aug. 6.
 Carburetor. G. A. Wahlmark. 1,995,110; Mar. 19.
 Carburetor. W. H. Weber. 2,001,993; May 21.
 Carburetor. W. H. Weber. 2,026,485; Dec. 31.
 Carburetor. E. A. Wiley. 2,018,168; Oct. 22.
 Carburetor, Aircraft. E. Schimanek. 1,995,228; Mar. 19.
 Carburetor apparatus. C. V. Dame. 2,023,123; Dec. 3.
 Carburetor choke valve control. K. R. Blake and R. H. Hill. 1,994,807; Mar. 19.
 Carburetor construction. A. Roualet. 2,008,041; July 16.
 Carburetor control. D. Gregg. 2,020,778; Nov. 12.
 Carburetor control, Automatic. M. H. Duval. 2,020,771; Nov. 12.
 Carburetor, Electrical. C. A. Rosier. 2,014,396; Sept. 17.
 Carburetor, Electrolytic. C. H. Garrett. 2,006,676; July 2.
 Carburetor for combustion engines. P. L. Joslyn. 2,024,929; Dec. 17.
 Carburetor for internal combustion engines. M. E. Perrier. 2,012,020; Aug. 20.
 Carburetor for internal combustion engines, Spray. J. T. Jennings. 2,009,233; July 23.
 Carburetor governor, Suction actuated. L. L. Viel. 2,013,932; Sept. 10.
 Carburetor level governing device. P. S. Tice. 1,987,981; Jan. 15.
 Carburetor, Water gas. C. H. Hughes. 2,007,200; July 9.
 Carburetors, Attachment for. J. M. Nickelsen. 2,020,903; Nov. 12.
 Carburetors, Attachment for. A. Point. 2,025,611; Dec. 24.
 Carburiizing and hardening. C. Albrecht and W. Beck. 2,007,136; July 2.
 Carburiizing box. H. H. Harris. 2,026,311; Dec. 31.
 Carcass-dehairing machine. O. C. Schmidt. 1,995,654; Mar. 26.
 Card and envelope feeding apparatus. H. P. Elliott. 1,986,800; Jan. 8.
 Card and key. Visible automobile registration. H. W. Otis. 2,016,971; Oct. 8.
 Card and securing articles thereto, Display. R. W. Albright. 2,005,879; June 25.
 Card assembly, Greeting. W. Q. Larson. 2,005,999; June 25.
 Card, Business and discount. F. W. Smith. 1,999,485; Apr. 30.
 Cardcase, Ejecting. C. Pabst, Jr. 2,020,797; Nov. 12.
 Card clothing for textile machinery. W. A. Dickie. 2,002,079; May 21.
 Card clothing resetting machine. E. S. Flynn. 2,000,071; May 7.
 Card, Contract bridge game. J. E. Stone. 2,006,521; July 2.
 Card controlled machine. G. Tauschek. 1,997,157; Apr. 9.
 Card controlled machine, Record. M. Maul. 2,025,764; Dec. 31.
 Card cutting machine. T. A. Schwamb and S. P. Smith. 2,010,567; Aug. 6.
 Card dealing device. R. C. Smith. 2,001,220; May 14.
 Card, Display. I. C. Bradley. 2,024,984; Dec. 17.
 Card, Display. R. J. Galvin. 1,999,590; Apr. 30.
 Card, Display. B. A. Steinhack. 1,996,983; Apr. 9.
 Card, Display. W. H. Well. 2,009,422; July 30.
 Card feeding and handling device. C. D. Lake. 2,000,236; May 7.
 Card filing and segregating apparatus. J. W. Whitson. 2,002,808; May 28.
 Card filing device. D. E. Hunter. 2,013,153; Sept. 3.
 Card game. J. Roland. 2,019,732; Nov. 5.
 Card game simulator and instructing device. F. P. Ellworth. 1,988,587; Jan. 22.
 Card, Golf score. L. M. Richardson. 2,012,023; Aug. 20.
 Card, Greeting. E. Blackwell. 2,005,493; June 18.
 Card handling mechanism. W. K. Youngberg. 1,989,049; Jan. 22.
 Card holder. J. O. Le Blanc. 1,996,968; Apr. 9.
 Card holder. R. W. Rush. 2,018,578; Oct. 22.
 Card holder. L. L. Wells. 2,004,401; June 11.
 Card holder and display stand. E. S. Yancey. 2,001,404; May 14.
 Card holder and protector. S. H. Campbell. F. K. Habenicht, and F. H. Pietzsch. 1,997,041; Apr. 9.
 Card-holding device. G. A. Carlson. 2,021,682; Nov. 19.
 Card index device. E. G. Layer. 2,026,503; Dec. 31.
 Card index system for keeping records in a visible or horizontal way. O. Lampertz. 2,015,480; Sept. 24.
 Card, Memorandum. L. B. Kuhn. 2,003,449; June 4.
 Card novelty. R. E. Wood. 2,009,683; July 30.
 Card or paper stock for use in duplicating processes. R. S. Jones. 2,021,938; Nov. 26.
 Card, Padded sample. S. E. Bender. 2,022,072; Nov. 26.
 Card, Perforated record. A. W. Mills. 2,016,681; Oct. 8.
 Card, Perforated sample. S. E. Bender. 2,014,715; Sept. 17.
 Card, Photographic film loop filing. R. S. Scott. 1,987,081; Jan. 8.
 Card, Playing. W. D. Owen. 1,994,088; Mar. 12.
 Card, Playing. L. Roon. 2,012,288; Aug. 27.
 Card playing device. C. R. Walgreen, Jr. 2,002,593; May 28.
 Card printer. C. M. F. Friden. 2,023,130; Dec. 3.
 Card printing machine, Library. L. W. Moulton. 1,986,352; Jan. 1.
 Card punching control. J. R. Jowett. 2,021,511; Nov. 19.
 Card punching machine. C. O. Wellman. 2,023,376; Dec. 3.
 Card retaining means for filing drawers, Guide. F. L. G. Straubel. 2,010,740; Aug. 6.
 Card roller mounting machine. E. S. Flynn. 2,000,070; May 7.
 Card selecting apparatus. J. W. Whitson. 2,002,807; May 28.
 Card, Show. M. Reynolds. 1,998,687; Apr. 23.
 Card shuffling and dealing devices. L. F. Woodruff and E. L. Rose. 2,016,030; Oct. 1.
 Card sorting machine. D. A. Young. 2,020,925; Nov. 12.
 Card table. G. F. Corduan. 2,024,431; Dec. 17.
 Card table. L. Hammond. 1,998,672; Apr. 23.
 Card table. A. B. Hansen. 2,022,545; Nov. 26.
 Card table. C. W. Mayer. 2,015,118; Sept. 24.
 Card table rack. W. R. Kiefer. 2,010,399; Aug. 6.
 Card teaching. Device for teaching. L. F. Knust. 2,007,055 July 2.
 Card verifier. H. A. Weinlich and U. Kilm. 2,000,203; May 7.
 Carding, cleaning, opening, and like machine for textile fibers. R. Setzer. 1,014,673; Sept. 17.
 Carding construction for belt lacing hooks. C. Messinger. 2,015,492; Sept. 24.
 Carding device for artificial teeth. M. Charen. 1,987,602; Jan. 15.
 Carding machine. H. L. and E. G. Erke. 2,020,050; Nov. 5.
 Carding machine cleaner. J. E. McWilliam. 2,017,981; Oct. 22.
 Cards, Analyzing record. M. Maul. 2,000,403; May 7.
 Cards, Apparatus for making. A. W. Pupke. 2,019,929; Nov. 5.
 Cards, containers, and the like with raised figures, Manufacture of display. C. C. Church. 2,000,922; May 14.
 Cards, Dealing playing. R. C. McCay. 1,992,085; Feb. 19.
 Cards, Playing. R. E. Adams. 2,000,812; May 7.
 Cargo releasing device for aircraft. A. A. Schwerin and S. J. Bentley. 2,011,950; Aug. 20.
 Carotene, Recovering. H. M. Barnett. 1,988,031; Jan. 15.
 Carpenter's tool. J. R. McGlauffin. 2,000,773; May 7.
 Carpet made of the clippings of a knitted texture. V. de L. V. de A. Mascarenhas. 1,994,659; Mar. 19.
 Carpet material. A. W. Holmberg. 2,018,524; Oct. 22.
 Carpet, pad, and the like, Stair. K. J. McKenzie. 2,026,317; Dec. 31.
 Carpet washer. J. S. Thompson. 2,011,234; Aug. 13.
 Carpets, Method and apparatus for cleaning. C. D. Marekros. 1,995,513; Mar. 26.
 Carriage and crib oscillating mechanism, Baby. J. Chlupsa. 1,999,957; Apr. 30.
 Carriage and trackage therefor, Electrically driven lure. W. M. Bacon, Jr. 2,002,427; May 21.
 Carriage axle box, Railway. G. W. D. and R. B. W. Leslie. 2,023,735; Dec. 10.
 Carriage, Baby. H. F. Shaw. 1,989,026; Jan. 22.
 Carriage, Baby. G. Stinson and J. F. Magee. 2,021,814; Nov. 19.
 Carriage, Collapsible portable. J. Bloom. 2,022,400; Nov. 26.
 Carriage, Cushioned. C. Hammer. 2,010,987; Aug. 13.
 Carriage for accounting machines. R. A. Christian. 2,002,361; May 21.
 Carriage for accounting machines. R. A. Christian. 2,026,020; Dec. 31.
 Carriage for hay loaders, Movable. A. A. Marks. 2,011,978; Aug. 20.
 Carriage for mule machines, Metal. R. Taine. 2,017,357; Oct. 15.
 Carriage for transporting endless-track vehicles on roads and railway tracks. T. Kossakowski. 2,014,769; Sept. 17.
 Carriage support. R. M. Worytch. 2,019,774; Nov. 5.
 Carriage, Transporting and hoisting under. F. Meron. 1,993,245; Mar. 5.
 Carrier. See—
 Baggage carrier. Contact carrier.
 Basket carrier. Coupler carrier.
 Battery carrier. Furnace carrier.
 Bottle carrier. Garment carrier.
 Braiding carrier. Hay carrier.
 Cableway load carrier. Ice carrier.
 Car coupler carrier. Luggage carrier.

- Carrier: See—
 Mill roll carrier. Pneumatic dispatch tube
 Pack carrier. carrier.
 Pneumatic carrier. Spare wheel carrier.
 Pneumatic dispatch car- Wheel carrier.
 rier.
- Carrier and the like for photographic purposes. N. P. Billing. 2,017,709; Oct. 15.
 Carrier consisting of a braced metal frame. A. Herman. 1,995,248; Mar. 19.
 Carrier current channel separation system. H. Nyquist. 2,016,452; Oct. 8.
 Carrier current relay. L. B. LeVesconte. 2,005,148; June 18.
 Carrier current selector system. A. S. Fitz Gerald. 1,989,509; Jan. 29.
 Carrier dispatch system. F. W. MacMartin. 2,014,578; Sept. 17.
 Carrier dispatch system. H. F. Wilder and H. H. Haglund. 2,006,305; June 25.
 Carrier for automobiles, Tool chest and spare wheel. E. Thrine. 2,005,604; June 18.
 Carrier for ice cream cones and like articles. J. and M. D. Oser. 2,023,852; Dec. 10.
 Carrier for laundry assorting machines. A. F. Hanney. 2,001,386; May 14.
 Carrier for metal working machines, Tool. M. S. Curtis. 1,990,527; Feb. 12.
 Carrier for pneumatic dispatch tube apparatus. J. T. Needham. 2,014,448; Sept. 17.
 Carrier for pneumatic dispatch tube systems. J. T. Needham. 2,014,446; Sept. 17.
 Carrier for pneumatic tube systems. E. Irving. 2,016,203; Oct. 1.
 Carrier for recording and process for making same. P. C. van der Willigen, J. H. de Boer, and C. J. Dippel. 2,020,861; Nov. 12.
 Carrier for records. C. J. Dippel. 2,019,215; Oct. 29.
 Carrier for rolls of toilet paper and like rolls. C. F. M. Van Berkel. 2,008,297; July 16.
 Carrier for typewriting machines, Web supply. T. Thrift. 2,012,524; Aug. 27.
 Carrier for vehicles and running light indicating systems embodying the same, Spare light bulb. F. D. Rohmer. 2,012,917; Aug. 27.
 Carrier relaying, Continuous. L. B. LeVesconte. 2,004,955; June 18.
 Carrier relaying, Continuous. W. A. Lewis. 2,005,150; June 18.
 Carrier relaying, Continuous. R. M. Smith. 2,005,172; June 18.
 Carrier rod operating mechanism for flat knitting machines. A. Friedmann. 2,018,059; Oct. 22.
 Carrier system. J. M. Scanlan. 2,005,396; June 18.
 Carrier wave system, Modulated. W. T. Ditcham. 2,015,175; Sept. 24.
 Carrier wave transmission, Modulated. W. T. Ditcham. 2,017,118; Oct. 15.
 Carrier wave transmission system. H. W. Dudley. 2,009,438; July 30.
 Carrier with a light sensitive substance and article produced thereby, Producing a. J. H. de Boer and C. J. Dippel. 1,999,088; Apr. 23.
 Carriers for pneumatic dispatch tube systems, Making. J. T. Needham. 2,014,449; Sept. 17.
 Carrying and supporting apparatus. E. M. Cumings. 2,018,606; Oct. 22.
 Carrying case. H. H. Labadie. 1,992,435; Feb. 26.
 Cart, Collapsible push. A. J. Kerr. 2,018,527; Oct. 22.
 Carton. F. W. Adsit and A. J. Murray. 1,989,659; Feb. 5.
 Carton. C. J. Alfred. 2,002,485; May 28.
 Carton. J. L. Bayless. 2,000,210; May 7.
 Carton. A. L. Bueschel. 1,987,771; Jan. 15.
 Carton. M. Burger. 2,017,650; Oct. 15.
 Carton. A. O. Daller. 1,992,195; Feb. 26.
 Carton. R. J. Davidson. 1,988,874; Jan. 22.
 Carton. C. K. Ellsworth. 2,008,949; July 23.
 Carton. M. Horrell and W. S. Elliott. 1,998,542; Apr. 23.
 Carton. H. Kondolf. 2,012,131; Aug. 20.
 Carton. J. C. La Grua. 1,992,222; Feb. 26.
 Carton. F. J. Meyer. 2,015,278; Sept. 24.
 Carton. J. O'Reilly. 2,006,475; July 2.
 Carton. D. H. Patterson, Jr. 2,001,850; May 21.
 Carton. F. E. Stapleford. 2,020,663; Nov. 12.
 Carton. R. Stone. 2,001,984; May 21.
 Carton. G. E. Whalley. 1,991,589; Feb. 19.
 Carton. G. E. Whalley. 2,013,874; Sept. 10.
 Carton. D. M. Wilson. 2,013,227; Sept. 3.
 Carton and blank for forming the same. H. Kondolf. 2,019,538; Nov. 5.
 Carton and liner for the same. H. Leslie. 2,006,203; June 25.
 Carton and liner therefor and using the same. H. Kondolf. 1,991,616; Feb. 19.
 Carton and making the same. E. M. Perkit. 2,016,754; Oct. 8.
 Carton, Bottle. F. C. Stegman. 1,998,147; Apr. 16.
 Carton, Cellular. L. Benoit. 2,020,870; Nov. 12.
 Carton closing means. M. Burger. 1,994,241; Mar. 12.
 Carton, Collapsible. G. J. Bachmeyer. 2,021,980; Nov. 26.
 Carton, Collapsible egg. E. G. Levkoff. 1,990,336; Feb. 5.
 Carton, Crate. H. Woerner, Jr. 1,997,667; Apr. 16.
 Carton, Dispensing. P. A. Neomede. 1,997,009; Apr. 9.
 Carton, Dispensing. D. M. Wilson. 2,005,924; June 25.
 Carton, Display. W. A. Clark and F. W. Mitton. 2,020,876; Nov. 12.
 Carton, Display. R. W. Hompe. 2,022,721; Dec. 3.
 Carton, Display. H. S. Jones. 2,007,089; July 2.
 Carton, Display. W. F. Meyers. 2,025,120; Dec. 24.
 Carton, Display. H. K. Powell. 2,024,702; Dec. 17.
 Carton, Display. L. W. Saulsbury. 1,987,804; Jan. 15.
 Carton, Display. H. Wilke. 2,018,824; Oct. 29.
 Carton, Egg. C. S. Anton. 1,992,983; Mar. 5.
 Carton, Egg. L. Benoit. 2,000,738; May 7.
 Carton, Egg. M. Burger. 1,992,183; Feb. 26.
 Carton, Egg. T. P. Cauley. 2,009,874; July 30.
 Carton, Egg. J. W. Cox. 1,992,192; Feb. 26.
 Carton, Egg. J. P. Hale. 2,013,606; Sept. 8.
 Carton, Egg. G. W. Swift, Jr. 1,990,145; Feb. 5.
 Carton embossing apparatus. W. H. Inman and G. E. Weinman. 2,024,365; Dec. 17.
 Carton feeding mechanism. J. L. Ferguson. 2,016,814; Oct. 8.
 Carton filling machine. P. D. Bickford. 2,024,503; Dec. 17.
 Carton filling machine. C. H. Wild. 1,993,079; Mar. 5.
 Carton, Folding. R. D. Parks and G. Hildenbrand. 2,011,232; Aug. 13.
 Carton, Folding. E. B. Whitehead. 2,004,908; June 11.
 Carton for fragile articles. S. Bergstein. 1,999,800; Apr. 30.
 Carton for radiotubes, Sealed. T. F. Joyce. 1,997,777; Apr. 16.
 Carton for rubber heels and the like. A. A. Esterson. 2,005,135; June 18.
 Carton, Handle. M. R. Hatch. 2,006,454; July 2.
 Carton, Knockdown tilt display. A. J. Weiss. 2,005,816; June 25.
 Carton, Mailing. C. Weeks. 2,022,906; Dec. 3.
 Carton or container. S. A. Gottlieb. 2,002,005; May 21.
 Carton, Paper. H. C. Atkins. 1,994,804; Mar. 19.
 Carton, Paper napkin dispenser. H. C. Gessler. 2,011,403; Aug. 13.
 Carton, Pouring. R. Forrer. 2,020,680; Nov. 12.
 Carton, Pouring. J. Shaw. 2,005,831; June 25.
 Carton, Quick opening. O. O. Eggbrecht. 1,993,153; Mar. 5.
 Carton, Quick opening. D. A. Snyder. 2,015,413; Sept. 24.
 Carton, Quick opening. A. R. Wylie. 1,993,200; Mar. 5.
 Carton, Reclosable. A. J. Weiss. 1,988,582; Jan. 22.
 Carton, Refrigerating shipping. W. O. Snyder. 2,024,397; Dec. 17.
 Carton, Retuck end-closing. A. J. Weiss. 2,010,972; Aug. 13.
 Carton, Savings bank. S. L. Unger. 2,012,063; Aug. 20.
 Carton sealing. W. F. Daley. 2,026,216; Dec. 31.
 Carton sealing machine. C. H. Wild. 1,987,500; Jan. 8.
 Carton, Self-supporting egg. C. S. Anton. 2,014,461; Sept. 17.
 Carton setting-up machine. L. Benoit and E. J. Kanabay. 2,024,201; Dec. 17.
 Carton setting-up machine, Automatic. M. Burger. 2,018,396; Oct. 22.
 Carton, Shipping. E. F. Lang and A. J. Maas. 2,009,739; July 30.
 Carton, Shipping. G. Loth. 1,994,318; Mar. 12.
 Carton stripping and squaring mechanism. M. J. Milmoie. 1,989,286; Jan. 29.
 Carton stuffing machine. C. L. Bond. 2,011,793; Aug. 20.
 Cartons and containers, Wrapped. S. Bergstein. 2,008,168; July 16.
 Cartons intended for the reception of cigarettes or the like are formed, Apparatus by which folding. E. H. Jahne. 1,993,605; Mar. 5.
 Cartons, Mechanism for assembling. A. E. Brown and W. Vaughan. 1,993,915; Mar. 12.
 Cartons, pots, and like receptacles of thin metal and paper, cardboard, and the like, Manufacture of. P. Heyndrick. 2,019,412; Oct. 29.
 Cartons with fuel briquettes, Apparatus for and method of filling. C. M. Eberling and R. F. Mitten. 2,016,418; Oct. 8.
 Cartridge, Blasting. C. B. Officer. 2,024,247; Dec. 17.
 Cartridge clip. J. D. Pedersen. 2,017,988; Oct. 22.
 Cartridge for electric soldering irons, Removable. R. R. Hazlett and W. J. Alexander. 2,014,567; Sept. 17.
 Cartridge fuse extractor. J. J. Dante. 2,004,314; June 11.
 Cartridge fuse holder and ejector. M. J. Lewis. 2,009,235; July 23.
 Cartridge magazine. R. F. Sedgley and M. Wurzer. 2,007,774; July 9.
 Cartridges, Making pressure. G. L. Tinkham. 2,021,119; Nov. 12.
 Carving device. W. Holzheimer. 2,013,780; Sept. 10.
 Carving machine. I. B. Whinery. 2,012,059; Aug. 20.
 Case: See—
 Adjustable sterilizing case. Display case.
 Ammunition case. Display packing case.
 Brief case. Duplex case.
 Calendar case. Fender and spare tire case.
 Carrying case. File case.
 Cigarette and vanity case. Fruit-packing case.
 Cigarette case. Hand case.
 Cigarette dispensing case. Ice refrigerating display case.
 Cigarette-lighter case. Illuminated display case.
 Cigarette or cigar case. Key case.
 Clock case.

Case: See—

Knockdown shipping case. Sectional type case.
Lip stick case. Sheet metal case.
Milk bottle case. Shipping case.
Music supporting case. Show case.
Musical instrument case. Slide rule case.
Pencil or crayon case. Traveling case.
Pocket case. Vanity case.
Refrigerated show case. Wardrobe case.
Refrigerating showcase. Waterproof case.
Refrigerator display case. Watertight case.
Sectional display case.

Case, F. W. Johnson and H. H. Patterson. 2,016,009; Oct. 1.
Case and display, Combination. R. L. Johnson. 2,020,782; Nov. 12.
Case and opener, Cigarette package. N. Vallinos. 2,021,273; Nov. 19.
Case for musical instruments, Carrying. N. V. Geib. 1,986,393; Jan. 1.
Case for ophthalmic mountings. E. J. Boyes. 1,995,664; Mar. 26.
Case for paint sticks, shaving soap, and other similar products. C. H. H. Rodanet. 2,012,638; Aug. 27.
Case hardening articles. W. Beck and K. Bonath. 1,993,204; Mar. 5.
Case hardening composition. A. F. Holden. 2,002,180; May 21.
Case ladings, Means to brace. H. Schroeder. 2,022,325; Nov. 26.
Case or box. M. L. Rathbun. 2,014,951; Sept. 17.
Case or the like, Brief. S. Solomon. 1,994,235; Mar. 12.
Case or wrapper for the rapid packing and unpacking of its contents, Dismountable. C. A. Spiking. 1,994,541; Mar. 19.
Cases and stand for thermometers, Combined. A. B. Schupp. 2,005,909; June 25.
Cases from the flat, and apparatus therefor, Opening. C. H. Wild. 2,009,828; July 30.

Casing: See—
Axle gear casing. Meter casing.
Roller casing. Rotary blower casing.
Gas meter casing. Sausage casing.
Gear casing. Transformer casing.

Casing and making the same. Sausage. G. F. Peters and O. Reissner. 2,017,162; Oct. 15.
Casing elevator. E. E. Greve. 1,993,739; Mar. 12.
Casing for bicycle accessories. G. W. Clark. 1,995,795; Mar. 26.
Casing for bicycle accessories. G. W. Clark. 1,995,797; Mar. 26.
Casing for electric shot-firing machines. K. Schaffler-Glössl. 1,990,279; Feb. 5.
Casing for joint. O. U. Zerk. 2,026,338; Dec. 31.
Casing for mechanical fuse mechanisms. A. Varaud. 2,007,732; July 9.
Casing for X-ray apparatus. H. F. Waite. 2,025,139; Dec. 24.
Casing head. H. P. Wickersham. 2,010,284; Aug. 6.
Casing head and blow-out preventer. A. J. and K. T. Penick. 1,997,152; Apr. 9.
Casinghead equipment, Automatic. F. W. Hild. 2,009,838; July 30.
Casing head, Oil well. J. Beeg. 1,988,442; Jan. 22.
Casing head, Oil well. J. Beeg. 2,009,989; July 30.
Casing head, Stuffing box. C. C. Heeter. 2,017,717; Oct. 15.
Casing holding display matter for motor vehicles. G. Levett. 2,025,952; Dec. 31.
Casing joint. F. Stone and A. L. Stone. 2,006,520; July 2.
Casing meter. L. Dillon and R. W. Phelps. 1,993,877; Mar. 12.
Casing or tubing collars, Apparatus for counting. L. Dillon. 1,988,785; Jan. 22.
Casing perforator. W. L. Church. 2,007,519; July 9.
Casing protector. H. R. Decker. 2,016,077; Oct. 1.
Casing roller. A. J. Colmerauer. 2,011,036; Aug. 13.
Casing spear, Hollow trip. F. J. Hinderliter. 1,996,068; Apr. 2.
Casings, Apparatus for perforating. G. Prikel. 2,026,061; Dec. 31.
Casings, Apparatus for perforating well. G. Prikel. 2,022,976; Dec. 3.
Casings, Conditioning animal. H. D. Oppenheimer. 1,988,747; Jan. 22.
Casings, etc., Apparatus and method for preparing sausage. J. P. Smith. 2,016,841; Oct. 8.
Casings for books and particularly loose leaf binders, Construction of. F. S. Schade. 2,024,882; Dec. 17.
Casings or the like, Method and apparatus for shirring sausage. A. G. Hewitt. 1,993,480; Mar. 5.
Casings, Repairing tire. W. H. Criswell. 2,004,037; June 4.
Casein articles, Accelerating the hardening of shaped. H. Dumont. 1,992,478; Feb. 26.
Casein, Making. D. N. Burruss, Jr., and J. P. Ruth. 2,007,962; July 16.
Casein, Manufacture of. F. L. Chappell. 1,992,002; Feb. 19.
Casein product and process of making. H. V. Dunham. 2,005,730; June 25.
Casein solution. C. Iddings. 2,023,389; Dec. 3.
Casement and other window screen. J. Rose. 1,990,206; Feb. 5.

Casement operator and lock. R. A. Cook. 1,993,050; Mar. 5.
Casement, Window. F. C. Wenzel. 2,008,004; June 25.
Cash register. C. G. Falkner. 2,008,856; July 23.
Cash register. J. P. Frank. 2,001,779; May 21.
Cash register. F. L. Fuller. 1,991,551; Feb. 19.
Cash register. F. L. Fuller. 2,015,749; Oct. 1.
Cash register. M. M. Goldberg. 1,989,313; Jan. 29.
Cash register. C. W. Green. 1,989,314; Jan. 29.
Cash register. C. W. Green. 2,009,581; July 30.
Cash register. C. W. Green. 2,010,300; Aug. 6.
Cash register. L. G. A. Kömmling. 1,989,319; Jan. 29.
Cash register. C. L. Lee. 1,989,323; Jan. 29.
Cash register. A. S. Lupton and W. Kropff. 1,997,372; Apr. 9.
Cash register. F. E. Miller. 2,014,358; Sept. 10.
Cash register. W. L. Paden. 1,992,452; Mar. 5.
Cash register. W. H. Robertson. 1,993,626; Mar. 5.
Cash register. W. H. Robertson. 2,008,877; July 23.
Cash register. W. H. Robertson. 2,020,574; Nov. 12.
Cash register. B. M. Shipley. 1,994,539; Mar. 19.
Cash register. B. M. Shipley. 2,000,101; May 7.
Cashier machine. J. C. Stedman. 2,014,599; Sept. 17.
Casket. P. R. Zinser and A. F. H. Scott. 1,989,962; Feb. 5.
Casket, Burial. L. N. Strunk. 2,003,096; May 28.
Casket construction, Burial. R. F. Staack. 2,014,361; Sept. 10.
Casket handle. H. S. Scholl and R. J. Donnelly. 2,023,211; Dec. 3.
Casket lowering apparatus. J. P. Wilkison. 2,012,367; Aug. 27.
Cassette. F. T. Powers. 2,026,000; Dec. 31.
Cast iron pipe, Centrifugal. M. Hamasumi. 2,016,674; Oct. 8.
Cast wheel. H. B. Muchnic. 2,024,866; Dec. 17.
Caster. O. Clay. 2,003,249; May 28.
Caster, Heavy duty. W. H. Sippel. 1,995,823; Mar. 26.
Caster with footplate, Furniture. H. Hebbinghaus. 2,025,448; Dec. 24.
Casting apparatus. E. Beringer. 2,004,457; June 11.
Casting apparatus. L. Meckl. 1,992,230; Feb. 26.
Casting apparatus for dental purposes, Centrifugal. C. Fritzsche. 2,009,489; July 30.
Casting apparatus for dental purposes, Centrifugal. N. E. Nilsson. 1,992,880; Feb. 26.
Casting, Centrifugal. F. G. Carrington. 1,992,739; Feb. 26.
Casting engine blocks, Method and apparatus for. A. J. Meyer. 1,999,511; Apr. 30.
Casting furnace. E. H. Berryman. 2,017,337; Oct. 15.
Casting machine. W. G. Newton. 2,025,069; Dec. 24.
Casting machine. G. Nyssels. 2,018,566; Oct. 22.
Casting machine and method, Centrifugal. W. D. Sargent. 2,002,962; May 28.
Casting machine, Centrifugal. W. D. Sargent and W. A. Geisler. 2,009,025; July 23.
Casting machine, Centrifugal. E. G. Touceda. 2,011,955; Aug. 20.
Casting machine, Centrifugal. K. Weber. 2,008,196; July 16.
Casting machine for metal bars as used in composing machines, Automatic. H. Fritz. 2,012,189; Aug. 20.
Casting, Metal. J. J. Boax. 2,017,394; Oct. 15.
Casting method and apparatus. L. M. Patterson. 2,004,340; June 11.
Casting method and apparatus, Centrifugal. W. B. Floyd and G. E. Edmunds. 1,993,655; Mar. 5.
Casting mold. F. M. Poe. 2,001,583; May 14.
Casting, Molybdenum white iron. C. M. Loeb, Jr. 2,014,002; Sept. 10.
Casting, mouth, Blasting for line composing and casting machines. K. Bader. 2,011,702; Aug. 20.
Casting of carbide and like materials, Centrifugal. J. H. L. De Bats. 1,993,774; Mar. 12.
Casting practice equipment. L. B. La Baw. 2,021,792; Nov. 19.
Casting reel. E. G. Weaver. 2,002,424; May 21.
Casting sheets or films, Apparatus for. E. Bleibler. 2,013,978; Sept. 10.
Castings, Apparatus and method for making centrifugal. H. Breithart. 2,026,457; Dec. 31.
Castings, Apparatus for forming. J. M. Craig. 2,012,679; Aug. 27.
Castings, Forming. H. G. Voight. 1,994,155; Mar. 12.
Castings, Forming. J. F. Wait. 1,996,181; Apr. 2.
Castings, Forming large hollow. A. W. Brearley. 2,025,336; Dec. 24.
Castings, Hardening iron. D. J. Campbell. 2,019,480; Nov. 5.
Castings or the like, Production of. R. L. McIlvaine. 1,985,942; Jan. 1.
Castings, Producing chromium steel. R. Franks. 1,990,591; Feb. 12.
Castings, Repairing. H. W. Harman. 2,011,484; Aug. 13.
Castings, Repairing cracks in metal. C. A. Jensen. 1,989,695; Feb. 5.
Castings, Striping. D. S. Barrows. 1,989,647-8; Jan. 29.
Castor oil preparation. J. C. Bird. 2,021,044; Nov. 12.
Catalyst and preparing same. E. R. W. De Mahler. 1,997,135; Apr. 9.
Catalyst and process for production of acetic acid. R. L. Brown. 1,998,218; Apr. 16.
Catalyst and process for the production and regeneration thereof. E. D. Crittenden. 2,017,683; Oct. 15.

- Catalyst and process for the production of oxygenated organic compounds. R. L. Brown. 1,998,220; Apr. 16.
- Catalyst and process of hydrogenating organic compounds. A. M. Muckenfuss. 2,021,567; Nov. 19.
- Catalyst, and the production and use thereof. J. D. Zieley. 2,017,226; Oct. 15.
- Catalyst and the production of organic acids. R. L. Brown. 1,998,219; Apr. 16.
- Catalyst, Apparatus for igniting. U. B. Bray. 2,013,979; Sept. 10.
- Catalyst for ammonia oxidation and the like. G. M. Hickey. 2,018,760; Oct. 29.
- Catalyst for the hydrogenation of oils. Preparation of. O. G. Bennett and J. C. W. Frazer. 1,987,660; Jan. 15.
- Catalyst from a spent liquor resulting from the esterification of cellulose in fibrous form. Removing the. C. J. Malm and G. F. Nadeau. 1,991,108; Feb. 12.
- Catalyst, Hydrogenation. C. B. Jackson. 1,991,096; Feb. 12.
- Catalyst, Making a. T. Cummings. 2,016,135; Oct. 1.
- Catalyst masses. Treatment of. W. Bader and E. B. Thomas. 1,999,388; Apr. 30.
- Catalyst, Oxidation. J. F. Eversole. 1,995,274; Mar. 19.
- Catalyst roasting plant. D. A. Shepard. 1,998,401; Apr. 16.
- Catalysts. V. Ipatieff. 2,018,065; Oct. 22.
- Catalysts, Compound. D. R. Stevens and W. A. Gruse. 1,999,345; Apr. 30.
- Catalysts containing molybdenum and tungsten. Production of. J. Koenig. 1,998,626; Apr. 23.
- Catalysts, Making. P. S. Greer. 2,020,411; Nov. 12.
- Catalysts, Making. L. G. Jenness. 1,995,353; Mar. 26.
- Catalytic apparatus. F. A. Canon. 2,010,217; Aug. 6.
- Catalytic apparatus. A. O. Jaeger. 2,004,758; June 11.
- Catalytic apparatus. A. S. Williams. 2,013,707; Sept. 10.
- Catalytic composition and method of production. R. E. Berthold. 2,021,475; Nov. 19.
- Catalytic converter. E. Pyzel. 2,006,078; June 25.
- Catalytic dehydration. M. Mueller-Cunradi and E. Ober. 2,004,521; June 11.
- Catalytic masses and preparing the same. G. C. Connolly and J. A. Pierce. 1,991,448; Feb. 19.
- Catalytic oxidation of ammonia. A. O. Jaeger. 2,010,235; Aug. 6.
- Catalytic oxidation of cyclic compounds containing oxygen in the ring. A. O. Jaeger. 1,995,614; Mar. 26.
- Catalytic oxidation of ketones. W. Flemming and W. Speer. 2,005,183; June 18.
- Catalytic oxidations. Carrying out. W. Wenzel. 2,024,140; Dec. 24.
- Catalytic process for producing alicyclic ketones. G. De W. Graves. 2,015,751; Oct. 1.
- Catalytic process of polymerizing oil and polymerization accelerator employed therein. W. Krumbhaar. 2,024,103; Dec. 10.
- Catalytic production of esters. S. Goldschmidt and E. Littmann. 1,997,172; Apr. 9.
- Catamenial appliance. I. B. Hammond. 1,989,008; Jan. 22.
- Catamenial bandage. B. Anderson. 2,024,134; Dec. 17.
- Catamenial bandage. W. Voss. 2,019,835; Nov. 5.
- Catamenial devices. E. C. Haas. 2,024,218; Dec. 17.
- Catamenial pad holder. R. E. Bennett. 2,026,158; Dec. 31.
- Catamenial receptacle. A. F. Hagedorn. 1,996,242; Apr. 2.
- Catamenial sack. E. J. De Ville. 2,012,271; Aug. 27.
- Catch and lock. Traveling bag. M. B. Schwyder and P. F. Elzi. 2,019,276; Oct. 29.
- Catch-bolt of locks, latches, and the like. J. Berryman. 1,995,091; Mar. 19.
- Catch, Bottom door. A. F. Paul. 1,988,137; Jan. 15.
- Catch, Bracelet. H. J. Lechner. 2,012,471; Aug. 27.
- Catch, Bracelet. E. A. Neuggass. 1,995,517; Mar. 26.
- Catch for gas ranges, Table top. J. W. Barker. 2,012,864; Aug. 27.
- Catch, Hood. R. G. Moore. 1,995,774-5; Mar. 26.
- Catch, Hood. R. G. Moore. 1,998,730; Apr. 23.
- Catch, Hood. R. G. Moore. 2,000,245; May 7.
- Catch, Hood. R. G. Moore. 2,016,508; Oct. 8.
- Catch, Jewelry. G. A. Bergstrom. 2,16,827; Oct. 8.
- Catch, Lever. H. Jahnke. 2,016,436; Oct. 8.
- Catch, Safety. C. S. Oakey. 2,004,795; June 11.
- Catheter control mechanism. C. W. Hubert. 2,014,683; Sept. 17.
- Catheter. M. F. Dow. 1,998,225; Apr. 16.
- Catheter-handling device. Aseptic. R. H. Wappler. 2,009,825; July 30.
- Cathode. L. L. Beck. 2,012,237; Aug. 20.
- Cathode. P. G. Weiller. 2,015,417; Sept. 24.
- Cathode arrangement for Braun tubes. K. Schlesinger. 1,993,457; Mar. 5.
- Cathode for electric discharge devices. E. Römbild. 2,001,548; May 14.
- Cathode for electrodeposition. J. L. Young. 2,011,885; Aug. 20.
- Cathode glow device. Electric. P. D. Oakley and J. N. Aldington. 2,017,726; Oct. 15.
- Cathode glowlamp. A. F. Henninger, Jr. 2,002,775; May 28.
- Cathode, Indirectly heated. J. L. H. Jonker. 2,014,847; Sept. 17.
- Cathode, Indirectly heated. E. Wiegand. 2,015,172; Sept. 24.
- Cathode insulation. A. B. Merrill. 1,994,144; Mar. 12.
- Cathode, Oxide-coated. W. W. Eitel and J. McCullough. 1,999,806; Apr. 30.
- Cathode ray apparatus. A. V. Bedford. 2,004,099; June 11.
- Cathode ray apparatus. G. F. Metcalf. 2,024,979; Dec. 17.
- Cathode ray apparatus. W. J. Morlock. 2,007,380; July 9.
- Cathode ray apparatus. A. W. Vance. 2,006,063; June 25.
- Cathode ray apparatus. V. K. Zworykin and J. C. Batchelor. 1,988,469; Jan. 22.
- Cathode ray intensity control system. D. Prinz. 2,011,260; Aug. 13.
- Cathode ray oscillograph control. W. F. Skeats. 1,986,607; Jan. 1.
- Cathode ray photographic apparatus. C. A. Sabbah and P. M. Gray. 2,015,570; Sept. 24.
- Cathode ray scanning device. F. Michelissen. 2,017,127; Oct. 15.
- Cathode ray tube. C. W. Becker. 2,004,646; June 11.
- Cathode ray tube. W. D. Coolidge. 2,010,712; Aug. 6.
- Cathode ray tube. B. C. Gardner. 2,020,025; Nov. 5.
- Cathode ray tube. M. Knoll. 1,995,253; Mar. 19.
- Cathode ray tube heterodyne detector. C. W. Hansell. 1,988,621; Jan. 22.
- Cathode ray tube oscillator. C. W. Hansell. 1,968,632; Jan. 1.
- Cathode rod. J. Nelson. 1,993,016; Mar. 5.
- Cathode, Thermionic. C. G. Found. 2,009,839; July 30.
- Cathodes for electric discharge devices. Manufacture of thermionic. J. T. Randall. 1,990,204; Feb. 5.
- Carwalk. E. G. Amesbury. 2,024,904; Dec. 17.
- Caustic, Dehydration of. A. Hanchett. 2,022,037; Nov. 26.
- Caustic liquor, Manufacture of. N. C. Hill. 2,012,854; Aug. 27.
- Caustic soda solutions, Purifying concentrated. R. E. Van der Cook and E. Sweetland. 1,998,471; Apr. 23.
- Caustic solutions, Purification of. W. H. Koch. 1,997,691; Apr. 16.
- Cavities in the ground or in structures. Water-proofing or filling. L. Chevrillon. 2,003,921; June 4.
- Cedar receptacle. E. C. Crocker. 1,999,960; Apr. 30.
- Ceiling, Acoustical. C. S. Strom. 1,997,607; Apr. 16.
- Ceiling construction. O. E. Gibson and C. S. Strom. 1,997,580; Apr. 16.
- Ceiling construction. J. Oehrlein and J. Oed. 1,987,537; Jan. 8.
- Ceiling construction. C. O. Walper. 1,996,223; Apr. 2.
- Ceiling construction, Acoustical. A. A. Heeren and O. E. Gibson. 1,997,581; Apr. 16.
- Ceiling construction, Acoustical. H. K. Linzell and H. W. Reel. 1,992,159; Feb. 19.
- Ceiling construction, Acoustical. F. A. Manske. 1,998,424; Apr. 16.
- Ceiling construction, Acoustical. J. H. Nold and F. L. Stubbs. 1,997,595; Apr. 16.
- Ceiling for sound insulation. Hung. W. D. Barge. 2,024,961; Dec. 17.
- Ceiling, Sleeping car. L. E. Marchant. 2,004,898; June 11.
- Celery bleacher. C. M. Biddle, Jr., and F. J. Ball. 1,996,562; Apr. 2.
- Celery miller. B. Shiki. 2,019,238; Oct. 29.
- Cell for treating material by irradiation. R. M. Fraps. 2,015,265; Sept. 24.
- Cell structure for folding boxes. E. H. Lupton. 1,999,909; Apr. 30.
- Cellular aggregate and process. A. L. Gladney. 2,021,956; Nov. 26.
- Cellular structure. Built-up composite. H. N. Atwood. 2,016,273; Oct. 8.
- Cellular structure for panels and other applications. H. W. Romanoff. 1,996,490; Apr. 2.
- Cellular substances, Manufacture of. H. Busch. 1,991,786; Feb. 19.
- Cellophane package wrap. J. F. Lindsey. 2,008,361; July 16.
- Celluloid article and making same. C. R. Keeran. 1,985,997; Jan. 1.
- Celluloid articles. Printing tubular. G. A. Goessling. 2,016,425; Oct. 8.
- Celluloid product. G. C. Perry. 1,995,518; Mar. 26.
- Cellulose. E. Scheller. 2,026,068; Dec. 31.
- Cellulose acetate. C. I. Haney. 1,993,782; Mar. 12.
- Cellulose acetate-carbamate. C. J. Malm and G. F. Nadeau. 1,991,107; Feb. 12.
- Cellulose acetate, Changing the solubility of. C. S. Webber and C. J. Staud. 1,994,599; Mar. 19.
- Cellulose acetate composition and plasticizer therefor. K. M. Irev. 2,020,247; Nov. 5.
- Cellulose acetate composition comprising a tertiary alcohol. E. R. Taylor. 2,000,622; May 7.
- Cellulose acetate composition containing ethylene chloride and a hydroxyl plasticizer. C. J. Staud and L. M. Minsk. 1,994,597; Mar. 19.
- Cellulose acetate composition containing para-phenyl acetophenone. T. F. Murray, Jr. 2,019,720; Nov. 5.
- Cellulose acetate, Making. G. W. Miles. 2,018,028; Oct. 22.
- Cellulose acetate, Manufacture of. C. J. Malm. 2,010,822; Aug. 13.
- Cellulose acetate, Manufacturing. H. L. Barthelemy. 1,995,732; Mar. 26.

- Cellulose acetate, Method and apparatus for precipitating. H. O. Davidson. 2,021,837; Nov. 19.
- Cellulose acetate, Preparing stable. C. Dreyfus and H. E. Martin. 1,999,406; Apr. 30.
- Cellulose acetate, Producing. C. I. Haney. 2,022,856; Dec. 3.
- Cellulose acetate, Treating. R. Müller, M. Schenck, and W. Wirbacz. 2,002,674; May 28.
- Cellulose acetate with ethylene chloride, Colloidizing. C. J. Staud and L. M. Minsk. 2,008,995; July 23.
- Cellulose and method of producing, Nitrated. C. J. Nordenswan and R. F. Schlaanstone. 1,999,572; Apr. 30.
- Cellulose and products obtained therefrom, Treatment of. H. Dreyfus. 1,986,880; Jan. 8.
- Cellulose and reclaiming rubber, Dissolving. R. L. Davies. 1,998,449; Apr. 23.
- Cellulose and steeping press therefor, Steeping. S. O. Fiedler. 1,999,043; Apr. 23.
- Cellulose and the like into sugar with dilute acids under pressure, Converting. H. Scholler and W. Karsch. 1,990,097; Feb. 5.
- Cellulose, Apparatus for producing. J. J. de la Roza, Sr. 1,991,243; Feb. 12.
- Cellulose articles, Treating regenerated. J. Voss. 2,006,661; July 2.
- Cellulose bearing material, Method and apparatus for digesting. J. J. de la Roza, Sr. 1,991,244; Feb. 12.
- Cellulose composition. T. S. Carswell and W. Gump. 1,991,012; Feb. 12.
- Cellulose derivative and making the same. G. W. Rigby. 2,025,073; Dec. 24.
- Cellulose derivative composition. H. J. Barrett. 1,986,787; Jan. 8.
- Cellulose derivative composition. H. B. Dykstra. 2,005,414; June 18.
- Cellulose derivative composition. G. DeW. Graves. 2,025,048; Dec. 24.
- Cellulose derivative composition. E. F. Izard. 2,003,295; June 4.
- Cellulose derivative composition. W. E. Lawson. 1,989,701; Feb. 5.
- Cellulose derivative composition. W. H. Moss. 2,022,383; Nov. 26.
- Cellulose derivative composition. G. Schneider. 2,025,957; Dec. 31.
- Cellulose derivative compositions. E. F. Izard. 2,008,716; July 23.
- Cellulose derivative compositions. E. E. Reid. 1,986,854; Jan. 8.
- Cellulose derivative products, Production of. H. Dreyfus. 2,004,273; June 11.
- Cellulose derivatives and making same. R. Haller and A. Heckendorn. 2,025,660; Dec. 24.
- Cellulose derivatives and their manufacture, New. H. Dreyfus. 1,986,881; Jan. 8.
- Cellulose derivatives, Coloration of. G. H. Ells. 1,986,801; Jan. 8.
- Cellulose derivatives containing an inorganic substituent. M. Hagedorn, O. Reichert, and E. Guhring. 2,002,811; May 28.
- Cellulose derivatives, Dyeing of. L. Spiegler and H. R. Lee. 2,005,303; June 18.
- Cellulose derivatives, Manufacture of. H. Dreyfus. 2,007,950; July 9.
- Cellulose derivatives, Manufacture of. H. Dreyfus. 2,010,850; Aug. 13.
- Cellulose derivatives, Preparing. J. McGrath. 1,998,463; Apr. 23.
- Cellulose ester and making same. R. Haller and A. Ruperti. 1,991,323; Feb. 12.
- Cellulose ester compositions. L. P. Kyrides. 1,993,723; Mar. 5.
- Cellulose ester containing groups of dicarboxylic acids having heterogeneous linkages and making the same. C. J. Malm and C. R. Fordyce. 2,024,238; Dec. 17.
- Cellulose ester molding composition containing diacyl derivative of 1:4-dioxane. J. G. McNally and J. J. Schmitt. 1,991,109; Feb. 12.
- Cellulose ester molding powders and product thereof, Producing organic. D. E. Northrup and A. W. Crane. 1,991,115; Feb. 12.
- Cellulose ester solutions, Working up of crude. W. Walter. R. Hofmann, and F. Oschatz. 1,990,625; Feb. 12.
- Cellulose, Esterification of. G. Jayme. 2,005,678; June 18.
- Cellulose, Esterification of. R. Müller, M. Schenck, W. Wirbacz, and F. Müller. 2,024,381; Dec. 17.
- Cellulose esters and ethers, Dyeing of. E. Thoma. 2,012,553; Aug. 27.
- Cellulose esters and making the same. G. Schneider. 2,010,111; Aug. 6.
- Cellulose esters and the products resulting therefrom, Making. H. T. Clarke and C. J. Malm. 1,987,053; Jan. 8.
- Cellulose esters, Apparatus for manufacture of. L. M. Burghart. 1,990,113; Feb. 5.
- Cellulose esters, Direct production of acetone-soluble. R. H. Van Dyke, C. S. Webber, and C. J. Staud. 1,997,326; Apr. 9.
- Cellulose esters, Extraction of. C. J. Staud and E. C. Yackel. 2,024,666; Dec. 17.
- Cellulose esters, Hydrolysis of. T. F. Murray, Jr., and C. J. Staud. 2,005,383; June 18.
- Cellulose esters, Hydrolysis of. C. J. Staud and L. M. Minsk. 2,000,620; May 7.
- Cellulose esters, Manufacture of. H. Dreyfus. 2,005,223; June 18.
- Cellulose esters, Manufacture of. A. Ruperti. 2,010,607; Aug. 6.
- Cellulose esters, Manufacture of highly esterified soluble mixed. J. G. Jurling. 1,990,433; Feb. 5.
- Cellulose esters of the partly esterified polybasic acids. A. Weihe. 2,003,408; June 4.
- Cellulose esters, Precipitation of. C. J. Malm and C. R. Fordyce. 2,000,601; May 7.
- Cellulose esters, Preparing organic. W. Walter and R. Hofmann. 2,022,446; Nov. 26.
- Cellulose esters, Stabilizing. C. J. Malm and C. L. Fletcher. 2,019,921; Nov. 5.
- Cellulose esters, Treatment of. C. Dreyfus and C. I. Haney. 2,025,939; Dec. 31.
- Cellulose esters, Treatment of. C. Dreyfus and L. N. Lee. 2,000,934; May 14.
- Cellulose ether composition. B. C. Bren. 2,013,298; Sept. 3.
- Cellulose, Etherification of. F. C. Hahn. 2,010,818; Aug. 13.
- Cellulose ethers, Manufacture of. F. C. Hahn. 1,990,904; Feb. 12.
- Cellulose fiber, Bleaching of. G. A. Richter. 1,987,212; Jan. 8.
- Cellulose fibers, Treating. F. Olsen and F. R. Seavey. 2,007,341; July 9.
- Cellulose fibers, Treating nitrated. W. B. Jones. 2,017,049; Oct. 15.
- Cellulose, Fibrous esterification of. C. J. Malm and C. L. Fletcher. 2,000,602; May 7.
- Cellulose for its fibrous esterification, Preparing. E. C. Yackel and W. O. Kenyon. 2,017,141; Oct. 15.
- Cellulose from lignocellulosic materials, Manufacture of. W. H. Groombridge and E. V. Meilers. 2,022,664; Dec. 3.
- Cellulose from ligno-cellulosic materials, Production of. W. H. Groombridge and E. V. Meilers. 2,024,689; Dec. 17.
- Cellulose from wood and other cellulose containing material and apparatus therefor, Producing. O. Kreissler. 1,986,760; Jan. 1.
- Cellulose, Improving. E. Scheller. 1,998,389; Apr. 16.
- Cellulose into derivatives thereof, Drying and converting. W. H. Kenety. 2,008,021; July 16.
- Cellulose lacquer composition. C. Bogin. 1,996,715; Apr. 2.
- Cellulose, Manufacture of. E. Opfermann and G.-A. Feldtmann. 2,017,985; Oct. 22.
- Cellulose, Manufacture of alpha. J. S. Pou. 1,997,153; Apr. 9.
- Cellulose, Manufacture of benzyl. A. S. Levesley and E. C. Randall. 2,019,539; Nov. 5.
- Cellulose material, Manufacture of. F. Kiel. 2,005,378; June 18.
- Cellulose material, Protective reagent for. W. T. Conn. 2,018,661; Oct. 29.
- Cellulose materials, Bleaching. I. Campbell and L. O. Rolleston. 1,996,363; Apr. 2.
- Cellulose materials, Preservation of. W. T. Conn. 2,018,659; Oct. 29.
- Cellulose materials, Preservative process for. W. T. Conn. 2,018,660; Oct. 29.
- Cellulose mixed and higher ester compositions containing trialkyl phosphates. H. B. Smith. 2,021,902; Nov. 26.
- Cellulose nitrate, Decolorizing. M. J. Reid. 1,987,077; Jan. 8.
- Cellulose nitrate multiacylate compounds and making the same. C. J. Staud and J. T. Fuess. 1,991,125; Feb. 12.
- Cellulose nitrate, Preparing. P. B. Cochran, M. V. Hitt, and L. V. Taylor. 1,997,766; Apr. 16.
- Cellulose nitrate, Treating. R. K. Eskew. 1,995,117; Mar. 19.
- Cellulose nitro-acetates, Preparation of. H. L. Barthélemy, E. E. Huffman and W. B. Sellars. 2,007,789; July 9.
- Cellulose or cellulosic materials, Manufacture of. H. Dreyfus. 2,003,347; June 4.
- Cellulose organic ester composition containing an ether of diethylene glycol monoacetate. S. J. Carroll. 2,008,976; July 23.
- Cellulose organic ester composition containing pinacol. H. B. Smith. 1,997,319; Apr. 9.
- Cellulose, Preparation of benzyl. D. C. Ellsworth. 1,987,672; Jan. 15.
- Cellulose, Preparing and maturing alkali. F. Steilmig. 2,005,811; June 25.
- Cellulose, Producing. J. J. de la Roza, Sr. 1,991,245; Feb. 12.
- Cellulose products, Manufacture of mercerized. G. A. Richter. 1,999,059; Apr. 23.
- Cellulose products, Manufacturing wetproof. J. Kantowicz. 2,010,635; Aug. 6.
- Cellulose solutions. D. H. Powers and L. H. Bock. 2,009,015; July 23.
- Cellulose solutions, Preparing. J. C. de Nooij and D. J. Gerritsen. 1,991,141; Feb. 12.
- Cellulose spinning solutions and products thereof, Viscose and cuprammonium. R. S. Bley. 2,021,849; Nov. 19.
- Cellulose unit and making same, Laminated. I. F. Laucks. 2,001,276; May 14.
- Cellulose with a modified perchloric acid catalyst, Esterification of. C. J. Staud and J. D. Coleman. 2,005,398; June 18.

- Cellulosic composition of matter containing a carbamate. S. J. Carroll and H. B. Smith. 2,019,892; Nov. 5.
- Cellulosic composition of matter containing an alkyl phosphate. H. B. Smith. 2,021,901; Nov. 26.
- Cellulosic material prior to esterification. Treatment of. C. J. Malm and C. R. Fordyce. 2,000,603; May 7.
- Cellulosic material, Propagation of. C. J. Staud and R. H. Van Dyke. 2,000,621; May 7.
- Cellulosic materials, Communion of. S. E. Sheppard and L. W. Eberlin. 2,014,074; Sept. 10.
- Cellulosic materials, Fireproofing. M. Leatherman. 1,990,292; Feb. 5.
- Cellulosic materials, Treatment of. H. Dreyfus. 2,022,654; Dec. 3.
- Cellulosic matter, Treating. A. Dobry. 2,022,589; Nov. 26.
- Cellulosic products, Production of. H. Dreyfus. 1,996,797; Apr. 9.
- Cellulosic solutions, Treating. R. W. Maxwell. 2,011,227; Aug. 13.
- Cement. H. W. Heiser. 2,015,676; Oct. 1.
- Cement. D. R. E. Werner, S. Gieritz-Hedström, and O. Stålhane. 1,988,821; Jan. 22.
- Cement and similar materials, Process of, and apparatus for, treating. O. Lellep. 1,992,704; Feb. 26.
- Cement and the like, Manufacture of hydraulic. K. Middelboe. 2,004,381; June 11.
- Cement, Apparatus for making Portland. T. Avnsoe. 2,002,972; May 28.
- Cement, Arsenic-containing. G. J. J. Smitt. 2,001,506; May 14.
- Cement attaching of shoe parts, Method and composition for use in the. J. W. Johnson. 1,999,295; Apr. 30.
- Cement batcher. H. E. McCrery. 1,995,458; Mar. 26.
- Cement clinkers, Apparatus for manufacturing improved. H. S. Lee. 2,012,881; Aug. 27.
- Cement, Colored caking. C. S. Reeve. 2,011,607; Aug. 20.
- Cement, Fabric. L. V. Glomb. 2,011,218; Aug. 13.
- Cement grout mixing machine. G. W. Grayson. 2,017,439; Oct. 15.
- Cement, Hydraulic and similar. K. Halbach. 1,986,335; Jan. 1.
- Cement in a rotary kiln. Manufacture of white Portland. J. Mercelis. 1,987,485; Jan. 8.
- Cement, Manufacture of. C. H. Breerwood. 2,006,939; July 2.
- Cement, Manufacture of. C. H. Breerwood. 2,021,623; Nov. 19.
- Cement, Manufacture of. H. R. Durbin and E. Posselt. 2,006,386; July 2.
- Cement, Manufacture of. N. Nielsen. 2,015,866; Oct. 1.
- Cement, Manufacture of. M. Vogel-Jorgensen. 1,988,798; Jan. 22.
- Cement, Manufacture of. R. E. Windecker. 1,997,782; Apr. 16.
- Cement, masonry, and steel construction. J. J. O'Reilly. 2,006,650; July 2.
- Cement, Metal. N. W. Larmore. 2,026,475; Dec. 31.
- Cement, Method of and composition for retarding the setting time of Portland. J. E. Weiler. 2,006,426; July 2.
- Cement mixer, Oil well. E. W. Stogsdill. 2,002,419; May 21.
- Cement of high rubber content and low viscosity. Rubber. I. Williams and C. C. Smith. 2,018,645; Oct. 22.
- Cement plaster. F. Bauer. 2,000,371; May 7.
- Cement, Plastic sealing. E. D. Curtis. 1,997,924; Apr. 16.
- Cement pot for use in cementing soles to shoe bottoms. W. S. Anderson. 1,995,913; Mar. 26.
- Cement product and making the same. H. R. Starke. 2,003,656; June 4.
- Cement product, Portland. C. G. Gilbert. 2,001,608; May 14.
- Cement, Production of hydraulic. G. O. Case. 2,004,463; June 11.
- Cement retainer. R. C. Baker and C. E. Burt. 1,992,933; Mar. 5.
- Cement sole-attaching machine. W. D. Thomas. 2,001,002; May 14.
- Cement, Water and weatherproofing magnesias. F. Ottman. 2,008,034; July 16.
- Cementing agent for steel and iron. H. Hanusch. 2,025,050; Dec. 24.
- Cementing and floating shoe for well casing. C. E. Burt. 1,994,850; Mar. 19.
- Cementing apparatus. L. N. Bishop. 2,021,953; Nov. 26.
- Cementing apparatus for oil and gas wells. J. F. Robinson, J. M. Chilcote, and W. H. Haupt. 2,024,662; Dec. 17.
- Cementing guide. A. B. Crowell. 1,998,833; Apr. 23.
- Cementing machine. F. C. Eastman. 2,009,486; July 30.
- Cementing machine. I. L. Keith. 2,022,670; Dec. 3.
- Cementing machine. S. Mirandette. 2,007,280; July 9.
- Cementing machine. E. W. Stacey. 2,008,801; July 23.
- Cementing plug. J. A. Hardcastle. 1,994,072; Mar. 12.
- Cementing process and apparatus. W. A. Smith. 2,010,934; Aug. 13.
- Cementitious composition of matter. L. L. Cailloux. 2,013,132; Sept. 3.
- Cementitious masses, Production of. E. Walter. 2,006,425; July 2.
- Cementitious material. C. K. Roos. 2,017,022; Oct. 8.
- Cementitious material and producing the same. M. Croce. 1,995,963; Mar. 26.
- Cementitious material, Producing. G. A. Hoggatt. 2,002,945; May 28.
- Cementitious materials, Method and apparatus for compacting and dewatering. G. M. Gordon. 1,989,409; Jan. 29.
- Cementitious sheets, Apparatus for the manufacture of. R. Dorn and M. Willis. 2,004,936; June 18.
- Center for machine tools, Revolving. H. Fish. 2,011,273; Aug. 13.
- Centering and clamping device adapted for spools and spindles in the textile industry. A. H. Brügger. 2,007,705; July 9.
- Centering device for concrete forms. L. J. Sarosdy. 2,020,520; Nov. 12.
- Centering device for corn cutting machines. H. J. Wheeler. 2,015,299; Sept. 24.
- Centering gauge. L. E. Freeman and F. V. Clancy. 2,018,550; Oct. 22.
- Centrifugal. F. Schaum. 2,001,550; May 14.
- Centrifugal apparatus. F. I. Williams. 1,991,874; Feb. 19.
- Centrifugal clutch. A. Lowndes. 2,016,643; Oct. 8.
- Centrifugal clutch. H. J. Rickwood. 2,005,350; June 18.
- Centrifugal compressor. R. G. Standerwick. 2,000,721; May 7.
- Centrifugal device. E. Collatz. 2,018,837; Oct. 29.
- Centrifugal device for throwing abrasive. W. Schemmann and F. Kottmann. 1,996,885; Apr. 9.
- Centrifugal drier. C. G. Adsit and G. W. Lewis. 1,997,621; Apr. 16.
- Centrifugal electric switch. T. R. Arden. 1,996,848; Apr. 9.
- Centrifugal fractionating method and apparatus. W. J. Podbielniak. 2,003,308; June 4.
- Centrifugal machine. G. Aitken. 2,018,433; Oct. 22.
- Centrifugal machine. W. Buddeberg. 2,004,268; June 11.
- Centrifugal machine. I. H. Peck. 2,020,959; Nov. 12.
- Centrifugal machine and the like. W. H. Moyer. 2,026,510; Dec. 31.
- Centrifugal method and apparatus. V. W. MacIsaac. 2,010,405; Aug. 6.
- Centrifugal pipe mold, Coated metallic. H. W. Stuart, H. S. Hunt, and P. L. Arnold. 1,986,985; Jan. 8.
- Centrifugal pump. F. B. Allen. 1,999,163; Apr. 23.
- Centrifugal pump. F. B. Allen. 2,003,168; May 28.
- Centrifugal pump. W. H. Church. 1,988,163; Jan. 15.
- Centrifugal pump. O. H. Dorer. 1,998,754; Apr. 23.
- Centrifugal pump. C. H. Ferguson. 1,993,268; Mar. 5.
- Centrifugal pump. O. Jacobsen. 2,008,308; July 16.
- Centrifugal pump. O. Jacobsen. 2,019,679; Nov. 5.
- Centrifugal pump. C. E. Koons. 2,007,126; July 2.
- Centrifugal pump. H. E. La Bour. 2,019,143; Oct. 29.
- Centrifugal pump. S. E. Sloum. 2,013,078; Sept. 3.
- Centrifugal pump. C. M. Veach. 1,991,529; Feb. 19.
- Centrifugal separating apparatus. M. A. Lissman. 1,996,076; Apr. 2.
- Centrifugal separation. N. Brewer. 1,991,490; Feb. 19.
- Centrifugal separation. R. Cowan. 1,998,359; Apr. 16.
- Centrifugal separator. G. H. Andersson. 2,003,621; June 4.
- Centrifugal separator. G. D. Arnold. 2,010,128; Aug. 6.
- Centrifugal separator. H. W. Fawcett. 2,023,762; Dec. 10.
- Centrifugal separator. C. G. Hawley. 2,004,468; June 11.
- Centrifugal separator. H. O. Lindgren. 2,002,954; May 28.
- Centrifugal separator. H. O. Lindgren. 2,005,094; June 18.
- Centrifugal separator. J. Loumiet et Lavigne. 2,015,076; Sept. 24.
- Centrifugal separator. J. F. Tholl. 2,018,474; Oct. 22.
- Centrifugal switch. M. H. Spielman. 2,017,638; Oct. 15.
- Centrifugal treatment of substances and mechanism therefor. L. D. Jones. 2,000,521; May 7.
- Centrifugally controlled valve. J. W. Hale. 2,003,857; June 4.
- Centrifuge. W. F. Hoffman and R. P. Hella. 2,025,282; Dec. 24.
- Centrifuge. G. J. Strezvinski. 1,997,919; Apr. 16.
- Centrifuge tube. A. E. Flowers. 2,009,690; July 30.
- Centrifuging, Process and apparatus for. J. Bergé. 1,986,245; Jan. 1.
- Ceramic article. W. J. Scott. 2,020,476; Nov. 12.
- Ceramic article. W. J. Scott and S. R. Mason. 2,020,477; Nov. 12.
- Ceramic article and making the same, Lightweight. B. Townshend. 2,003,319; June 4.
- Ceramic article and producing it, Blue coated. F. J. Farncomb. 2,026,086; Dec. 31.
- Ceramic articles. L. H. Bown. 2,013,740; Sept. 10.
- Ceramic articles and apparatus therefor, Maturing. R. C. Benner, A. L. Ball, and H. R. Houchins. 1,996,851; Apr. 9.
- Ceramic articles, Manufacturing blue glazed. M. Berchtold, née Pick. 1,991,918; Feb. 19.
- Ceramic bonded articles, Disintegration of. A. P. Thompson. 2,019,062; Oct. 29.
- Ceramic diaphragm, Permeable. R. C. Benner and H. N. Baumann, Jr. 1,993,955; Mar. 12.
- Ceramic granules, Making. L. Brown. 2,007,742; July 9.
- Ceramic masses preventing the formation of carbon deposits. H. Wolf and H. Leuchs. 2,020,713; Nov. 12.
- Ceramic material and making the same, Permeable. H. E. Johnson. 1,992,916; Feb. 26.

- Ceramic materials, Treatment of. M. Lasley. 2,023,426; Dec. 10.
- Ceramic product. H. L. Crowley. 2,011,173; Aug. 13.
- Ceramic products composed mainly of silica, magnesia, and alkalies. A. Malinowsky. 2,025,762; Dec. 31.
- Ceramic products, Producing cellular. J. R. Parsons. 1,998,686; Apr. 23.
- Ceramic stack. H. C. Bates. 2,009,378; July 30.
- Ceramic structures, Apparatus for molding. W. Taylor. 2,000,623; May 7.
- Ceramic ware, Manufacture of. A. E. R. Westman. 1,993,047; Mar. 5.
- Cereal food. J. L. Kellogg. 1,990,382; Feb. 5.
- Cereal food products. K. D. Loose. 2,008,024; July 16.
- Cereals, Apparatus for processing. W. J. Gardner. 2,008,860; July 23.
- Cereals for animal and human consumption, Treatment of. D. I. Thomas. 2,015,388; Sept. 24.
- Cesspools of ice, Apparatus for clearing. H. W. Randall. 2,014,031; Sept. 10.
- Chain; *See*—
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| Adjustable chain. | Nonskid chain. |
| Antiskid cross chain. | Ornamental chain. |
| Conveyer chain. | Swiveling chain. |
| Cutter chain. | Tire chain. |
| Footwear chain. | Universal joint chain. |
- Chain. W. J. Belcher. 1,995,112; Mar. 19.
- Chain. J. C. Conn. 2,007,561; July 9.
- Chain. L. H. Thoen. 1,994,840; Mar. 19.
- Chain connecting device, Tire. H. M. Taylor. 2,016,756; Oct. 8.
- Chain conveyer. C. C. Zilles and W. Radke. 2,009,157; July 23.
- Chain drive, Adjustable. M. T. Weston. 1,997,284; Apr. 9.
- Chain hoist, Free. F. W. Coffing. 1,999,036; Apr. 23.
- Chain link. P. K. Dewar. 2,000,932; May 14.
- Chain link. J. F. Dohrwardt. 1,995,273; Mar. 19.
- Chain link blank. F. E. Stahl. 2,025,557; Dec. 24.
- Chain link blanks, Apparatus for forming. F. E. Stahl. 1,994,794; Mar. 19.
- Chain links, Making. A. R. Pribil. 2,024,183; Dec. 17.
- Chain links, Method and means for connecting. C. F. Kohm. 2,014,023; Sept. 10.
- Chain pindle. L. H. Bosnick. 2,012,947; Sept. 3.
- Chain post. G. W. Newman. 1,997,886; Apr. 16.
- Chain post binder and guide plug therefor. G. W. Newman. 1,997,885; Apr. 16.
- Chains, Making jewelry. F. W. Bopp. 2,001,483; May 14.
- Chair; *See*—
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| Adjustable chair. | Reclining chair. |
| Bench and lawn chair. | Reinforcing bar chair. |
| Collapsible chair. | Revolving chair. |
| Combination chair. | Rocking chair. |
| Deck chair. | Safety window chair. |
| Foldable chair. | Swivel chair. |
| Folding chair. | Toilet chair. |
| Folding push-chair. | Tubular metal chair. |
| Folding rocking chair. | Wheel chair. |
| High chair. | Window chair. |
| Lawn chair. | Window washing chair. |
- Chair. M. W. Arnold. 2,016,953; Oct. 8.
- Chair. F. G. Brixner. 2,004,718; June 11.
- Chair. J. W. Carpenter. 2,002,765; May 28.
- Chair. H. F. Davis. 2,022,955; Dec. 3.
- Chair. L. Dellert. 2,004,934; June 18.
- Chair. M. A. Donahoe. 2,008,689; July 23.
- Chair. B. H. Drake. 2,015,138; Sept. 24.
- Chair. J. E. Erickson. 2,019,005; Oct. 29.
- Chair. P. Goodman. 1,988,788; Jan. 22.
- Chair. H. T. Hallowell. 1,997,486; Apr. 9.
- Chair. J. O. Holman. 1,987,851; Jan. 15.
- Chair. A. Johnson. 2,002,118; May 21.
- Chair. L. Larsen. 1,989,203; Jan. 29.
- Chair. L. Larsen. 1,998,089-90; Apr. 16.
- Chair. O. R. Platter. 2,020,207; Nov. 5.
- Chair. H. G. Traver. 2,000,624; May 7.
- Chair. G. D. Wood. 2,018,825; Oct. 29.
- Chair and bed, Combination. A. S. Mandell. 2,023,605; Dec. 10.
- Chair and cot, Combination. M. C. Kruse. 2,024,170; Dec. 17.
- Chair and the like, Easy. M. Heller. 1,986,060; Jan. 1.
- Chair back. C. C. Adelsperger. 1,994,162; Mar. 12.
- Chair base. A. R. Lafferty. 2,021,187; Nov. 19.
- Chair bed. F. E. Moore. 2,000,471; May 7.
- Chair bed. F. E. Moore. 2,017,321; Oct. 15.
- Chair-bed, Convertible. M. Jager and J. Gombar. 1,988,317; Jan. 15.
- Chair bottom. A. M. Bank. 2,010,578; Aug. 6.
- Chair construction. G. D. Schermerhorn. 2,005,565; June 18.
- Chair construction, Morris. H. Saeger. 2,003,157; May 28.
- Chair for bag filling machine, Bag. K. Stahm. 1,988,705; Jan. 22.
- Chair for invalids, Exercising. H. Fisher. 2,009,730; July 30.
- Chair having a flexibly supported seat. A. M. Holtzman. 2,018,721; Oct. 29.
- Chair leg rest. A. L. Beisel. 2,020,230; Nov. 5.
- Chair or seat. O. S. Caesar and C. A. Van Derveer. 1,998,186; Apr. 16.
- Chair rung fastener. G. G. Fulton. 1,998,049; Apr. 16.
- Chair seat. D. A. McCowan. 1,996,479; Apr. 2.
- Chair, table and the like adapted for stacking. B. Poljak. 1,989,426; Jan. 29.
- Chamber for the projection of multiple image records. J. C. Karnes and G. J. Kessenich. 1,987,625; Jan. 15.
- Change-focus objective. H. Naumann. 1,988,390; Jan. 15.
- Change-gear transmission mechanism for automobiles, Automatic. A. Lazzarini. 1,994,581; Mar. 19.
- Change making and delivering device. M. Dorman. 2,015,621; Sept. 24.
- Changeover device. C. L. Lootens. 1,990,388; Feb. 5.
- Change-over device, Automatic. H. G. Weiss. 2,013,021; Sept. 3.
- Change speed device. G. Gorgna. 1,993,131; Mar. 5.
- Change speed gear. A. C. Clayton. 2,009,477; July 30.
- Change speed gear. L. Ferrari. 2,019,006; Oct. 29.
- Change speed gear. J. and J. H. Paterson. 1,993,454; Mar. 5.
- Change speed gear, Continuously variable. J. R. Ramin. 2,018,533; Oct. 22.
- Change speed gear, Electrical. J. Sousebik. 2,011,834; Aug. 20.
- Change speed gearing. C. R. H. Bonn. 2,013,126; Sept. 3.
- Change speed mechanism. P. Riley. 2,006,250; June 25.
- Changeable neon sign. H. S. Katz. 1,991,099; Feb. 12.
- Changeable number sign. M. Schoening. 1,988,286; Jan. 15.
- Changeable sign. R. R. Isenhour. 2,006,573; July 2.
- Channel assembly, Nonperforated. B. C. Place. 2,000,147; May 7.
- Channel cementing machine. T. Lund. 1,989,102; Jan. 29.
- Channel flap turning and pressing machine. E. J. Ray. 1,989,882; Feb. 5.
- Channel flaps, Cementing. A. D. Macdonald. 2,024,237; Dec. 17.
- Channel repeater for telegraph systems. P. A. Noxon. 2,014,908; Sept. 17.
- Channel selectivity, Adjacent. W. S. Barden. 1,987,984; Jan. 15.
- Channels in hollow conductors of fluid filled cables, Temporarily closing the. B. Zeiss. 2,015,542; Sept. 24.
- Channels in sheets of cardboard, corrugated cardboard, or the like, Process and apparatus for the formation of. K. Hämisch. 2,022,563; Nov. 26.
- Chaplet. R. O. Brunst. 1,987,048; Jan. 8.
- Chaplet. R. Ditty. 2,013,746; Sept. 10.
- Chaplet. R. Ditty. 2,017,952; Oct. 22.
- Character frame. L. E. Baer. 2,024,085; Dec. 10.
- Character, Mounting a. P. Macioci. 2,018,079; Oct. 22.
- Charcoal, Producing artists'. C. S. Salter. 1,990,134; Feb. 5.
- Charge forming device. F. E. Aseltine. 2,011,993; Aug. 20.
- Charge forming device. J. W. Hogg. 2,004,869; June 11.
- Charge-forming device. M. J. Zucrow. 2,017,643; Oct. 15.
- Charge guide for glass feeders. E. H. Curtis, Jr. 1,999,444; Apr. 30.
- Charge preheating and reduction device. L. A. Wilson. 1,987,952; Jan. 15.
- Charge severing mechanism. C. W. Schreiber. 2,018,152; Oct. 22.
- Charge severing mechanism. C. W. Schreiber and J. E. McLaughlin. 1,991,705; Feb. 19.
- Charger or loader for cinematograph cameras. B. J. D. Gana. 2,011,624; Aug. 20.
- Charging apparatus for coke ovens. J. H. McEwan. 2,009,940; July 30.
- Charging device. R. O. Comer. 1,999,895; Apr. 30.
- Charging machine. C. O. Pratt and O. Tweit. 1,986,118; Jan. 1.
- Charging machine for bottle manufacture. H. Severin. 2,006,516; July 2.
- Charging mechanism for continuous heating furnaces. F. E. Flynn. 1,998,985; Apr. 23.
- Charging, weighing, and controlling mechanism for casting machines. C. D. Barr and S. D. Moxley. 2,015,776; Oct. 1.
- Chart, color. A. S. Allen. 2,007,264; July 9.
- Chart holder. H. House. 2,011,858; Aug. 20.
- Chart Recorder. G. B. Lindermann, Jr. 2,000,527; May 7.
- Chart, Selective insurance. W. R. Wilson. 1,989,180; Jan. 29.
- Chaser and chaser clamp. C. A. Reimschuessel. 2,023,440; Dec. 10.
- Chaser holder. H. A. Maurer. 2,004,333; June 11.
- Chaser-holding means, Adjustable. R. M. Strickland and A. F. Breitenstein. 2,013,452; Sept. 3.
- Chassis, Aircraft tail. C. Rosatelli. 1,998,204; Apr. 16.
- Chassis and body construction. M. Olley. 1,996,827; Apr. 9.
- Chassis checking gauge. R. D. Smith. 2,000,866; May 7.
- Chassis construction. O. M. Nacker and M. Olley. 1,996,824; Apr. 9.
- Chassis lubricating system. L. E. LaBrie. 2,025,231; Dec. 24.
- Chassis of motor vehicles, Operating upon the. R. D. Smith. 1,993,387; Mar. 5.
- Check endorser. W. H. Lyman and P. F. Fischel. 1,991,511; Feb. 19.
- Check endorsing machine. D. S. Bowman. 1,987,816; Jan. 15.
- Check for refrigerating systems, Automatic. R. H. Guyton. 2,019,605; Nov. 5.

- Check for windows, Safety. A. J. Franck. 2,025,736; Dec. 31.
- Check indorsing and signing machine. H. A. Swanson. 1,992,256; Feb. 26.
- Check selecting apparatus. R. D. Lynch. 2,008,764; July 23.
- Check selecting apparatus. L. H. Wadsworth. 2,026,262; Dec. 31.
- Check strap for looms. P. C. Brown. 1,998,801; Apr. 23.
- Check valve. F. N. Bard. 2,024,905; Dec. 17.
- Check valve. R. H. Hummert. 1,989,199; Jan. 29.
- Check valve. R. J. Jauch. 2,018,130; Oct. 22.
- Check valve. E. A. Rasbridge. 1,986,358; Jan. 1.
- Check valve, Ball type. R. W. Tryon. 2,018,769; Oct. 29.
- Check writer. J. W. Carlson. 1,995,022; Mar. 19.
- Check writer. M. Garbell. 1,998,715; Apr. 23.
- Check writer. E. E. Phinney. 2,021,327; Nov. 19.
- Check writing machine. R. L. Muller. 1,997,073; Apr. 9.
- Checkerwork construction. S. L. Mamula and J. Muhvich. 2,017,763; Oct. 15.
- Checking fixture. J. C. Drader. 2,006,161; June 25.
- Checking gauge. J. W. Carthew. 1,994,190; Mar. 12.
- Checks, Apparatus for writing. R. G. Thompson. 2,000,201; May 7.
- Cheese, Apparatus for heat-treating. N. Kraft. 2,005,996; June 25.
- Cheese, Apparatus for increasing the fluidity of. E. Sutter. 2,006,876; July 2.
- Cheese, Apparatus for making. W. D. Williams. 2,002,597; May 28.
- Cheese, Apparatus for the manufacture of. W. Nilsson. 2,016,612; Oct. 8.
- Cheese-cutting machine. N. E. Wines. 2,017,642; Oct. 15.
- Cheese filling for bakery products. F. H. Clickner. 2,015,257; Sept. 24.
- Cheese flavoring and producing the same. F. H. Clickner. 2,015,258; Sept. 24.
- Cheese, Low temperature emulsification of. C. H. Parsons. 2,009,238; July 23.
- Cheese, Making. C. Frehner. 2,002,345; May 21.
- Cheese, Method and apparatus for making. R. Miollis. 2,025,213; Dec. 24.
- Cheese packing and resulting product. C. L. Mitchel and E. L. Wetmore. 2,025,544; Dec. 24.
- Cheese, Processing. R. Pasternack and R. W. Burnham. 2,011,074; Aug. 13.
- Cheese products, Preparing grated. R. R. Irvin. 1,997,866; Apr. 16.
- Cheese-slicing machine. Y. Leostic. 1,997,800; Apr. 16.
- Cheese, Treatment of. E. Schneider. 2,021,899; Nov. 26.
- Cheese type spread of butterlike consistency. W. P. M. Grelek. 2,009,136; July 23.
- Chemical apparatus. W. O. Geyer. 1,993,001; Mar. 5.
- Chemical apportioning method and apparatus. H. J. Savage. 2,023,552; Dec. 10.
- Chemical composition. B. R. Harris. 2,022,766; Dec. 3.
- Chemical composition and making the same. B. R. Harris. 2,009,796; July 30.
- Chemical compound and making same. G. D. Graves. 1,990,483; Feb. 12.
- Chemical compound and preparing the same. H. S. Rothrock. 2,010,828; Aug. 13.
- Chemical compounds and making same. R. B. Flint. 1,999,186; Apr. 30.
- Chemical digestions, Apparatus for use in. A. Henwood and R. M. Garey. 2,004,868; June 11.
- Chemical feeder and process of manufacture. W. S. Bachman. 2,023,459; Dec. 10.
- Chemical leavening agent. A. Schultz, J. Freilich, and C. N. Frey. 1,988,464; Jan. 22.
- Chemical process for the production of husked grain, both germinated and ungerminated. R. Rüter and K. Seidel. 2,007,693; July 9.
- Chemical processes at elevated temperatures. Apparatus for and improvement in carrying out. M. Pier and W. Dinkler. 1,995,647; Mar. 26.
- Chemical product and preparing same. E. K. Bolton and O. M. Hayden. 2,014,198; Sept. 10.
- Chemical product and preparing same. A. M. Collins. 2,010,012; Aug. 6.
- Chemical product and producing same. E. Rodman. 2,015,234; Sept. 24.
- Chemical products. W. Todd. 2,020,385; Nov. 12.
- Chemical pulping process. G. A. Richter. 2,007,024; July 2.
- Chemical reaction in alkaline media, Conducting. J. J. Grebe and J. H. Reilly. 1,986,194; Jan. 1.
- Chemical reactions and particularly the combustion of mixtures of gases and other materials such as vapors, liquids and colloids, Device for promoting. R. C. Sabot. 1,989,499; Jan. 29.
- Chemical reactions by the use of contact masses, Apparatus for effecting. E. J. Houdry. 1,989,692; Feb. 5.
- Chemical reactions in the electrical discharge, Process and apparatus for promoting. R. V. Kleinschmidt. 2,023,637; Dec. 10.
- Chemical reactions, such as roasting, calcining, or the like, Apparatus for the performance of. C. P. Debuch. 2,019,397; Oct. 29.
- Chemicals, Disabling and incapacitating gas generating. B. C. Goss. 2,000,131; May 7.
- Chemicals in rooms, Apparatus for the evaporation of. M. Weinberger. 1,992,684; Feb. 26.
- Chemicals into liquid, Apparatus for introducing fused. L. Glöersen. 2,007,799; July 9.
- Cherries, Preparing maraschino. W. K. Tucker. 2,019,030; Oct. 29.
- Cherry stemmer. W. E. Urschel. 2,002,161; May 21.
- Chest and workbench, Combined tool. E. J. Mordt. 2,011,197; Aug. 13.
- Chest, Cedar. E. C. Crocker. 2,023,465; Dec. 10.
- Chest, Cedar. G. A. Loftin. 1,987,018; Jan. 8.
- Chest, Cedar. J. Weber. 1,998,600; Apr. 23.
- Chest or box, Steel. H. H. Yawman. 2,017,485; Oct. 15.
- Chest or similar receptacle. G. A. Loftin. 2,019,083; Oct. 29.
- Chest, Utility. C. L. Pearson. 1,987,448; Jan. 8.
- Chick box. C. T. Patterson. 1,993,112; Mar. 5.
- Chick box. W. B. Stouffer. 2,021,208; Nov. 19.
- Chick box, Offset stickless. E. E. Mohler and N. F. Schaefer. 2,011,069; Aug. 13.
- Chicken brooder and finishing battery. A. E. Kinkaid. 2,019,710; Nov. 5.
- Chicken steak machine. F. W. Wood. 1,991,439; Feb. 19.
- Chickens and other birds, Appliance for use during the cooking of. W. R. C. Ashby. 1,990,580; Feb. 12.
- Chilling apparatus. N. H. Hiller and E. B. McCabe. 2,009,734; July 30.
- Chilling device. H. E. and E. A. von Seggern. 1,996,777; Apr. 9.
- Chilling device. C. T. Walter. 2,001,083; May 14.
- Chills and castings, Apparatus for shaking out. G. W. Behnke. 2,020,131; Nov. 5.
- Chime movement for clocks, Synchronous motor driven. F. Heckert. 2,014,934; Sept. 17.
- Chimney construction. G. F. Kotrbaty. 1,990,655; Feb. 12.
- Chimney construction. H. E. Smith. 2,011,018; Aug. 13.
- Chimney spark arrester. J. Slocum. 1,997,204; Apr. 9.
- Chipping and cutting tool. J. K. Graham. 2,009,795; July 30.
- Chips or the like, Method and apparatus for packing wood. T. Koda. 1,998,874-5; Apr. 23.
- Chiropractic table. J. Lorang. 2,023,429; Dec. 10.
- Chiropractor's table. H. L. Thompson. 1,989,434; Jan. 29.
- Chisel, Hollow mortising. H. E. Tautz. 1,992,726; Feb. 26.
- Chisel, Multiple pointing stone. P. P. Bicknell. 1,985,971; Jan. 1.
- Chloride, Production of ethylidene. J. P. Wibaut and J. van Dalfsen. 1,990,968; Feb. 12.
- Chloride, Production of tertiary-butyl. H. S. Nutting, E. C. Britton, M. E. Huscher, and P. S. Petrie. 1,993,719; Mar. 5.
- Chlorinating apparatus. D. J. Lambert. 2,021,116; Nov. 12.
- Chlorinating device for water. W. L. Savell. 2,012,406; Aug. 27.
- Chlorination. H. Bender. 2,010,841; Aug. 13.
- Chlorination. B. Gallsworthy. 2,022,619; Nov. 26.
- Chlorination process and product thereof. H. B. Hass and E. T. McBee. 2,004,072; June 4.
- Chlorine dioxide, Production of. G. L. Cunningham. 2,008,388; July 16.
- Chlorine solutions, Testing. H. W. Lehmkuhl. 1,986,403; Jan. 1.
- Chlorine with metal-bearing solids, Reacting. S. G. Osborne and J. M. Rowland. 2,020,431; Nov. 12.
- Chloro- and bromo-derivatives of 2-aminonaphthalene-1-sulphonic acid and preparing them. M. Lange and T. Jacobs. 1,995,929; Mar. 26.
- Chloro-benzoylamino-anthraquinone. A. J. Wuerzt and W. Dettwyler. 2,019,837; Nov. 5.
- Chlorocresols, Preparing. C. Jacobi and B. Wolf. 1,995,568; Mar. 26.
- Chloroethyl chloroethoxy-ethyl ether. H. L. Cox. 2,017,811; Oct. 15.
- Chlorpircin, Producing. W. D. Ramage. 1,996,388; Apr. 2.
- Chock. L. B. Hester. 2,003,747; June 4.
- Chock block. J. S. Hice. 1,996,961; Apr. 9.
- Chock block apparatus. W. P. Hartshorne. 2,014,565; Sept. 17.
- Chocolate masses, Method of and apparatus for treating. W. A. Moir. 2,023,741; Dec. 10.
- Chocolate or the like, Method of and apparatus for conditioning. W. A. Moir. 2,004,009; June 4.
- Choke and dash adjustment for carburetors. R. F. Bracke. 2,017,890; Oct. 22.
- Choke coil, Regulating. H. A. W. Klinkhamer. 1,994,953; Mar. 19.
- Choke control. J. L. Mott. 1,990,083; Feb. 5.
- Choke control, Automatic. J. W. Fitz Gerald. 1,996,802; Apr. 9.
- Choke, Fluid. G. W. Woods. 2,011,100; Aug. 13.
- Choke valve, Variable orifice. R. J. S. Pigott. 1,986,600; Jan. 1.
- Choking device, Automatic. C. W. Hopes. 2,025,867; Dec. 31.
- Chopper, Food. C. A. Laemmel. 1,986,934; Jan. 8.
- Chopper, Meat. H. L. Johnston. 2,012,167; Aug. 20.
- Chopper, Nut. C. A. Sundstrand. 2,001,075; May 14.
- Chord finder for tenor banjos. R. L. Golden. 2,001,191; May 14.
- Christmas tree and staff holder. K. H. Hollander. 2,014,896; Sept. 17.
- Christmas tree, Artificial. G. M. McComb. 2,016,334; Oct. 8.

- Christmas tree ornamentation. A. S. Behrend. 1,992,930; Mar. 5.
- Christmas tree stand. H. A. Doring. 1,987,995; Jan. 15.
- Christmas-tree stand, Rotating. C. F. Tacy. 1,988,343; Jan. 15.
- Chrome refractory, High pressure. R. P. Heuer. 1,992,483; Feb. 26.
- Chrome yellow color. E. Lederle and M. Guenther. 2,023,928; Dec. 10.
- Chromite ores by froth flotation, Concentrating. F. Weed. 2,014,404; Sept. 17.
- Chromium and the preparation of solutions therefor, Electrolytic deposition of. W. W. Scott, A. A. Bissiri, and W. C. Gregory. 1,993,186; Mar. 5.
- Chromium, Electrodeposition of. O. Krämer. 2,016,677; Oct. 8.
- Chromium plated article and making the same. W. H. Keen. 2,008,282; July 16.
- Chromium plating. R. Schneidewind. 2,020,382; Nov. 12.
- Chronological instrument. H. E. Schulse. 2,000,457; May 7.
- Chuck. W. D. Burger and V. W. Peterson. 1,999,072; Apr. 23.
- Chuck. L. E. Poole. 2,016,652; Oct. 8.
- Chuck, Boring. J. A. Ferguson. 2,010,983; Aug. 13.
- Chuck, Centrifugal. P. M. Chancellor. 1,990,525; Feb. 12.
- Chuck device. J. Martin. 1,988,129; Jan. 15.
- Chuck, Fluid operated. J. Q. Holmes and L. C. Shipley. 2,019,814; Nov. 5.
- Chuck for lathes and other machine tools, motor operated. W. Berg. 2,006,621; July 2.
- Chuck for lathes or the like. J. Battaline. 1,986,494; Jan. 1.
- Chuck mechanism. H. C. Johansen. 2,012,280; Aug. 27.
- Chuck mechanism for automatic machine tools. H. W. Ruppel. 2,025,309; Dec. 24.
- Churn. W. H. McKorkindale. 2,022,428; Nov. 26.
- Churn and washing machine, Combined. H. A. Weichal. 1,986,085; Jan. 1.
- Churn, Continuous butter. C. Doering. 2,020,878; Nov. 12.
- Churn dasher. C. E. Cottingham. 2,020,299; Nov. 12.
- Churn, Double acting. R. C. Moore. 2,021,261; Nov. 19.
- Chute, Coin. C. B. Gorton. 1,987,292; Jan. 8.
- Chute, Coin. F. A. Hoyt. 2,023,592; Dec. 10.
- Chute, Coin. C. J. Patche. 2,014,505; Sept. 17.
- Chute, Coin. B. Radtke. 2,008,038; July 16.
- Chute, Coin. L. B. Shinn. 1,991,250; Feb. 12.
- Chute, Coin. W. A. Tratsch. 1,992,642; Feb. 26.
- Chute, Coin. T. W. B. Watling. 2,002,560; May 28.
- Chute, Discharge. M. R. Anstice and C. C. Ross. 1,998,351; Apr. 16.
- Chute for harvester threshers, Bag. A. B. Welty. 2,015,576; Sept. 24.
- Chute, Lowering. H. W. J. Peterson. 1,993,945; Mar. 12.
- Chute, Mail. G. A. Bridgman. 2,019,557; Nov. 5.
- Chute, Mail. G. A. Bridgman. 2,025,193; Dec. 24.
- Chute structure. L. N. Hayden. 2,010,515; Aug. 6.
- Cigar. H. E. and E. H. Hoke. 1,996,962; Apr. 9.
- Cigar and cigarette extinguisher. R. D. MacKenzie. 1,999,245; Apr. 30.
- Cigar banding mechanism. J. A. Neumair. 1,992,760; Feb. 26.
- Cigar bunches, Device for continuously compressing and drying of. E. S. D. von Segebaden. 2,005,280; June 18.
- Cigar container. J. D. Conli. 2,018,705; Oct. 29.
- Cigar enveloping. M. Pedersen. 2,016,650; Oct. 8.
- Cigar feed for cigar wrapping machines. J. A. Neumair. 1,992,761; Feb. 26.
- Cigar filler from the rolling device into the pressing mold, Apparatus for transferring a. F. H. B. Stelzer. 2,022,575; Nov. 26.
- Cigar-fillers, Apparatus for the manufacture of. T. Collé. 2,025,646; Dec. 24.
- Cigar handling mechanism. H. S. Axcell. 1,991,835; Feb. 19.
- Cigar holder. P. A. Peterson. 1,996,829; Apr. 9.
- Cigar machine or the like. K. E. Granstedt. 1,993,138; Mar. 5.
- Cigar machines, Leaf transferring device in. K. E. Granstedt. 1,993,661; Mar. 5.
- Cigar maker's table. F. Le R. Francisco. 1,992,064; Feb. 19.
- Cigar or cigarette holder. L. M. Ashour. 2,008,433; July 16.
- Cigar package. J. B. Back. 1,999,135; Apr. 23.
- Cigar perforating device. D. Elliott. 1,999,688; Apr. 30.
- Cigar transfer, Duplex. J. A. Neumair. 2,016,156; Oct. 1.
- Cigar wrapper leaf tobacco, Method of and apparatus for conditioning. C. G. Maxwell. 2,002,120; May 21.
- Cigar wrapping machine. K. E. Granstedt. 2,009,492; July 30.
- Cigars and the like, Device for transporting clippings of. K. E. Granstedt. 1,986,725; Jan. 1.
- Cigars, Apparatus for shaping and packaging. B. A. E. Johnson and G. Öström. 2,019,080; Oct. 29.
- Cigars, Apparatus for wrapping. M. Berger. 1,992,463; Feb. 26.
- Cigars, Forming. B. A. Lincoln. 2,023,370; Dec. 3.
- Cigars, Method of and device for producing. E. R. Dahlström. 1,999,896; Apr. 30.
- Cigarette. M. X. C. Weinberger. 1,999,222; Apr. 30.
- Cigarette and vanity case, Combination. H. Magnus. 2,017,722; Oct. 15.
- Cigarette and vanity case, Combined. L. E. Pitman and J. E. Aronson. 2,014,696; Sept. 17.
- Cigarette butt receiver and extinguisher. J. C. Glomb. 1,999,289; Apr. 30.
- Cigarette case. G. B. Atwater and W. G. Eddy. 2,012,033; Aug. 20.
- Cigarette case. M. E. Bernhardt. 1,986,246; Jan. 1.
- Cigarette case. W. V. Blackwell and W. E. Keeter. 2,016,534; Oct. 8.
- Cigarette case. M. Block. 2,025,636; Dec. 24.
- Cigarette case. K. Kanai. 2,015,628; Sept. 24.
- Cigarette case. W. R. Larter. 1,995,348; Mar. 26.
- Cigarette case. F. Spitalny. 2,021,755; Nov. 19.
- Cigarette case and lighter, Combined. R. Nyden. 2,016,020; Oct. 1.
- Cigarette case and lighter, Pocket. R. L. Penney. 2,005,557; June 18.
- Cigarette case or similar article. J. E. Peterson. 2,017,445; Oct. 15.
- Cigarette choking or snuffing device for ash trays. E. Jacob. 1,999,933; Apr. 30.
- Cigarette-cigar. T. P. Lim. 1,995,068; Mar. 19.
- Cigarette-cigar, Making. T. P. Lim. 1,995,069; Mar. 19.
- Cigarette collector. R. E. Rundell. 1,988,518; Jan. 22.
- Cigarette cut-off. E. D. Smith. 1,992,722; Feb. 26.
- Cigarette dispenser. J. R. Henderson. 2,012,533; Aug. 27.
- Cigarette dispenser. L. L. Witter. 1,986,658; Jan. 1.
- Cigarette dispenser and igniter, Combined. L. M. Jackson and C. A. Prescott. 2,003,195; May 28.
- Cigarette dispenser and lighter, Automatic. A. J. Eiler. 1,993,504; Mar. 5.
- Cigarette dispensing case. P. Seminara. 1,987,519; Jan. 8.
- Cigarette extinguisher. A. Bissiri. 1,991,592; Feb. 19.
- Cigarette feeding mechanism. W. E. Molins. 1,997,532; Apr. 9.
- Cigarette flavoring device and making same. M. Blank and E. F. Brazeau. 2,007,632; July 9.
- Cigarette group from a cigarette distributing chamber, Apparatus for removing the bottom. J. Neff, M. Berger, and H. Kempe. 1,993,619; Mar. 5.
- Cigarette holder. J. E. Albert. 1,987,354; Jan. 8.
- Cigarette holder. J. P. Colver. 1,997,629; Apr. 16.
- Cigarette holder. W. Eisenberg. 2,002,494; May 28.
- Cigarette holder. C. L. Martin. 2,005,233; June 18.
- Cigarette holder. H. P. Thayer. 2,001,827; May 21.
- Cigarette holder. M. D. Trabulsi. 2,012,439; Aug. 27.
- Cigarette holder and ash tray, Combined. H. E. Clark. 1,997,043; Apr. 9.
- Cigarette holder and blank therefor. A. S. Penrose. 1,995,684; Mar. 26.
- Cigarette holder and igniter. S. Isaacs. 1,994,712; Mar. 19.
- Cigarette holding, ejecting, and electric igniting mechanism, Combination. C. R. Pfaging. 1,991,258; Feb. 12.
- Cigarette-lighter case, Combination. E. S. Ireland. 2,019,678; Nov. 5.
- Cigarette machine feeding and compressing mechanism. E. D. Smith. 1,998,146; Apr. 16.
- Cigarette machine paster. W. B. Bronander and C. Arelt. 1,992,736; Feb. 26.
- Cigarette making apparatus. W. D. Starrett. 2,000,423; May 7.
- Cigarette making machine. W. C. Miles. 1,999,224; Apr. 30.
- Cigarette making machine. R. B. Thompson. 1,992,559; Feb. 26.
- Cigarette making machine. M. X. C. Weinberger. 1,999,223; Apr. 30.
- Cigarette making machine, Hand operated. G. F. Kahre. 2,006,595; July 2.
- Cigarette making machinery. F. F. Ruau. 2,002,045; May 21.
- Cigarette mold. G. Zint. 2,009,000; July 23.
- Cigarette or cigar case. H. Schowanek. 1,999,304; Apr. 30.
- Cigarette pack. J. L. Burke. 2,009,835; July 30.
- Cigarette package. L. Ferenc. 1,998,077; Apr. 16.
- Cigarette package. K. T. Johnson. 1,992,373; Feb. 26.
- Cigarette package. W. S. Luckett. 2,026,239; Dec. 31.
- Cigarette package. B. McPherson. 2,009,143; July 23.
- Cigarette package container. L. Willens and A. W. Mel drum. 2,012,557; Aug. 27.
- Cigarette package holder. W. C. Hering. 1,994,218; Mar. 12.
- Cigarette rod former and compressor. G. W. Gwinn. 1,992,749; Feb. 26.
- Cigarette rod sealer. E. D. Smith. 1,992,723; Feb. 26.
- Cigarette roller. J. A. Kappeler. 2,015,312; Sept. 24.
- Cigarette, Self lighting. V. C. Rowe. 2,004,394; June 11.
- Cigarette tip. J. J. Seelman. 1,989,214; Jan. 29.
- Cigarette support. G. T. Gorman. 2,021,415; Nov. 19.
- Cigarette vending machine. W. Jay and L. Pengilly. 2,003,489; June 4.
- Cigarette wrapper cutting machine. C. H. Gibson, L. E. Downs and C. J. Fuse. 2,002,142; May 21.
- Cigarette wrapper, Difficultly flammable. S. E. Seaman. 2,013,508; Sept. 3.
- Cigarettes and similar articles, Device for wrapping. E. H. Jähne. 1,996,206; Apr. 2.
- Cigarettes and the like, Delivery of. R. J. A. Chandler. 1,992,740; Feb. 26.

- Cigarettes, Apparatus for drying or conditioning. W. E. Molins. 1,999,469; Apr. 30.
- Cigarettes, Apparatus for the production of. W. F. M. Edwards and R. F. Mayo. 2,002,886; May 28.
- Cigarettes, Device for treating. F. H. Montgomery. 1,998,683; Apr. 23.
- Cigarettes, Increasing inflammability of. S. E. Seaman. 1,996,002; Mar. 26.
- Cigarettes, Manufacture of. S. W. Bunker. 2,004,461; June 11.
- Cigarettes, Manufacture of. W. F. M. Edwards. 2,014,680; Sept. 17.
- Cigarettes, Manufacture of. W. F. M. Edwards. 2,022,461; Nov. 26.
- Cigarettes, Manufacture of. R. F. May. 1,999,910-11; Apr. 30.
- Cigarettes or similar articles into pocket-like packages, Device for introducing. F. A. Ritseer. 2,002,616; May 28.
- Cigarettes with a short mouthpiece of wadding, crepe paper or the like, Process and apparatus for the manufacture of. C. W. Müller. 2,005,661; June 18.
- Cinch rigging ring. S. E. Worcester. 2,022,837; Dec. 3.
- Cinchophen, Purifying and decolorizing. E. F. Grether. 2,018,354; Oct. 22.
- Cinder chrome building unit. A. Hede. 2,004,323; June 11.
- Cinder-collecting and delivery device. M. B. Morrow. 1,995,745; Mar. 26.
- Cinder disposal apparatus. R. M. Crosby. 1,990,726; Feb. 12.
- Cinema screen. J. D. McBurney. 1,998,054; Apr. 16.
- Cinematic machine. F. Klein. 1,997,642; Apr. 16.
- Cinematograph apparatus. H. H. V. Stanley. 2,012,145; Aug. 20.
- Cinematographic apparatus. C. R. Hanna. 2,015,637; Sept. 24.
- Cinematographic mechanism. P. Lira. 1,992,706; Feb. 26.
- Cinematographic mechanism. P. Lira. 2,021,560; Nov. 19.
- Cinematographic projection apparatus, Device for starting and stopping an electrically driven. O. Rehder. 2,008,876; July 23.
- Cinematography in relief. A. Arnulf. 2,018,592; Oct. 22.
- Cineol, Production of. C. E. Greider. 1,994,131; Mar. 12.
- Circle cutting or welding machine. J. L. Anderson. 2,017,429-30; Oct. 15.
- Circuit looping machine. R. E. Haynes, F. Keener and A. L. Hill. 2,010,591; Aug. 6.
- Circuit, Alarm. R. W. McBrien and N. F. Wilson. 2,000,185; May 7.
- Circuit and apparatus, Electrical. J. W. Dalton. 2,005,130; June 18.
- Circuit and switch therefor, Bell ringing. B. T. Farrell. 2,019,075; Oct. 29.
- Circuit arrangement, Electrical. N. M. Rust. 2,002,192; May 21.
- Circuit arrangement for electronic amplifiers. H. Gutmann. 1,985,923; Jan. 1.
- Circuit arrangement for generating or amplifying electric oscillations. B. van der Pol and J. van der Mark. 2,024,489; Dec. 17.
- Circuit arrangement for Neon lamps in telephone systems. K. Faber. 1,993,880; Mar. 12.
- Circuit arrangement for thermionic tubes. P. J. H. A. Nordlohn and R. H. Van Minnen. 1,987,968; Jan. 15.
- Circuit arrangement, High frequency. F. C. Lunnion. 2,018,370; Oct. 22.
- Circuit arrangement, High frequency electrical. B. J. Chromy. 2,022,459; Nov. 26.
- Circuit arrangement, Modulation. M. Osnos. 2,015,189; Sept. 24.
- Circuit, Autodyne. W. van B. Roberts. 1,997,393; Apr. 9.
- Circuit, Automatically controlled electric. J. L. Jones. 2,023,051; Dec. 3.
- Circuit, Balanced pressure hydraulic. H. Ernst and B. Sassen. 2,005,732; June 25.
- Circuit, Band pass. W. van B. Roberts. 2,020,377; Nov. 12.
- Circuit breaker. L. B. Chubbuck, G. R. Wishart, and K. L. L. Jeppesen. 2,021,499; Nov. 19.
- Circuit breaker. D. R. Davies. 2,010,714; Aug. 6.
- Circuit breaker. H. D. Dorfman. 2,015,633; Sept. 24.
- Circuit breaker. L. W. Dyer. 1,991,884; Feb. 19.
- Circuit breaker. C. V. Giaimo. 2,003,686; June 4.
- Circuit breaker. S. S. Grady. 2,024,216-17; Dec. 17.
- Circuit breaker. M. Guett. 2,025,857; Dec. 31.
- Circuit breaker. J. G. Jackson. 2,009,050; July 23.
- Circuit breaker. B. W. Kerr. 2,011,449; Aug. 13.
- Circuit breaker. H. Langfritz. 2,015,598; Sept. 24.
- Circuit breaker. W. M. Leeds. 1,991,901; Feb. 19.
- Circuit breaker. P. E. Mack. 2,006,959; July 2.
- Circuit breaker. P. E. Mack. 2,010,957; Aug. 13.
- Circuit breaker. J. W. McNary. 1,995,894; Mar. 26.
- Circuit breaker. J. P. Medlin. 1,990,298; Feb. 5.
- Circuit breaker. H. L. Rawlins. 2,024,744; Dec. 17.
- Circuit breaker. L. C. Reed. 1,989,497; Jan. 29.
- Circuit breaker. W. Schaelchlin. 2,020,911; Nov. 12.
- Circuit breaker. W. E. Schwarzmann. 2,005,806; June 25.
- Circuit breaker. E. H. Taylor. 2,018,904; Oct. 29.
- Circuit breaker. G. O. Wilms. 2,001,559; May 14.
- Circuit breaker. E. Zuercher. 2,001,513; May 14.
- Circuit breaker and maker, Automatic thermostatic. F. D. Sheldon. 2,013,011; Sept. 3.
- Circuit breaker apparatus. L. W. Dyer. 2,025,653; Dec. 24.
- Circuit breaker, Automatic. H. C. Graves, Jr., and O. Jensen. 1,999,410; Apr. 30.
- Circuit breaker, Automatic. H. A. Rose. 1,994,921; Mar. 19.
- Circuit breaker, Automatic. J. Sachs. 2,020,330-4; Nov. 12.
- Circuit breaker, Automatic reset. W. H. Frank. 2,008,174; July 16.
- Circuit breaker control system. H. J. Lingal. 2,006,997; July 2.
- Circuit breaker, Electric. C. Bresson. 1,987,569; Jan. 8.
- Circuit breaker, Electric. W. A. Coates. 2,016,893; Oct. 8.
- Circuit breaker, Electric. H. C. Graves, Jr. 2,025,886; Dec. 24.
- Circuit breaker, Electric. R. J. Meier. 1,992,036; Feb. 19.
- Circuit breaker, Electric. J. Perino. 1,998,941; Apr. 23.
- Circuit breaker, Electric. H. Thommen. 1,998,743; Apr. 23.
- Circuit-breaker, Electric. W. B. Whitney and E. B. Wedmore. 1,987,885; Jan. 15.
- Circuit breaker, Electrical overload. M. Hauser. 1,990,122; Feb. 5.
- Circuit breaker for automobile vehicles, Safety. G. Soulat. 1,987,495; Jan. 8.
- Circuit breaker for automobiles, Automatic. H. D. Severson. 1,996,836; Apr. 9.
- Circuit breaker lever. C. H. Davis, Jr. 2,025,191; Dec. 24.
- Circuit breaker, Multiple gap. P. L. Betz and S. Karrer. 1,990,451; Feb. 5.
- Circuit breaker, Oil. H. L. Rawlins. 1,991,909; Feb. 19.
- Circuit breaker, Oil blast. W. A. Coates. 2,020,995; Nov. 12.
- Circuit breaker system, Automatic reclosing. A. E. Anderson. 2,006,254; June 25.
- Circuit breaker system, Automatic reclosing. E. V. Ellett. 2,003,042-3; May 28.
- Circuit breaker system, Automatic reclosing. E. V. Ellett. 2,017,256; Oct. 22.
- Circuit breaker system, Automatic reclosing. R. A. Hammond. 2,011,361; Aug. 13.
- Circuit breaker system, Automatic reclosing. J. H. Neher. 2,014,949; Sept. 17.
- Circuit breakers, Control of. H. Bany. 2,001,563; May 14.
- Circuit breaking device. W. E. Lippert. 2,026,184; Dec. 31.
- Circuit breaking devices for vehicles, Automatic safety. G. M. J. Rödel. 2,010,897; Aug. 13.
- Circuit by a counter, Controlling a. O. C. Roesen. 1,992,841; Feb. 26.
- Circuit changer, Remote control. F. H. Richterkesing. 1,997,016; Apr. 9.
- Circuit closer. E. F. Beaverstock. 2,008,166; July 16.
- Circuit closer. A. E. Osborn. 2,006,175; June 25.
- Circuit closer for signals. L. C. Lubcke. 1,989,238; Jan. 29.
- Circuit closer for steering wheels. F. I. Getty. 2,025,977; Dec. 31.
- Circuit closer for steering wheels. F. I. Getty. 2,025,979-80; Dec. 31.
- Circuit closer for steering wheels, Multiple. F. I. Getty. 2,025,981; Dec. 31.
- Circuit closer, Steering wheel. F. I. Getty. 2,025,976; Dec. 31.
- Circuit closing device. H. Nelson. 2,014,286; Sept. 10.
- Circuit closing device. H. F. Oberfell and G. W. Eickenberg. 1,999,823; Apr. 30.
- Circuit closing device for electric shot firing machines, Instantaneous. K. Schaffer-Glössl. 2,025,907; Dec. 31.
- Circuit connection for ultra short waves. A. Leib. 2,008,286; July 16.
- Circuit continuing means. H. A. Douglas. 2,010,452; Aug. 6.
- Circuit, Control. V. T. Callahan. 2,003,036; May 28.
- Circuit, Control. H. E. Cobb. 2,011,851; Aug. 20.
- Circuit, Control. E. D. Cook. 2,015,591; Sept. 24.
- Circuit, Control. H. C. Silent. 2,022,983; Dec. 3.
- Circuit-control apparatus, Automatic. R. M. G. Phillips. 1,995,780; Mar. 26.
- Circuit control, Electric. I. E. McCabe. 2,015,952; Oct. 1.
- Circuit control means. J. W. Bickel. 2,021,166; Nov. 19.
- Circuit control means. C. B. Horsley. 1,988,008; Jan. 15.
- Circuit control means, Electric. C. G. Suits. 1,994,324; Mar. 12.
- Circuit control means, Electric. C. G. Suits. 1,994,326; Mar. 12.
- Circuit control means, Electric. C. G. Suits. 2,021,753-4; Nov. 19.
- Circuit control system. I. E. McCabe. 1,999,882; Apr. 30.
- Circuit control system. P. Talmey. 2,007,508; July 9.
- Circuit controller. S. S. Green. 2,003,260; May 28.
- Circuit controller. N. C. Schellenger. 2,019,997-2,020,001; Nov. 5.
- Circuit controller, Electric. G. A. Healis and H. C. Graves, Jr. 1,999,565; Apr. 30.

- Circuit controller for electric sign flashers, signaling devices, and similar mechanisms, Electric. W. L. Laib. 2,005,230; June 18.
- Circuit controller, Pressure operated. H. R. Justus. 2,015,939; Oct. 1.
- Circuit controlling and indicating device. B. G. Olving. 2,001,432; May 14.
- Circuit controlling apparatus. A. A. Thomas. 2,025,136; Dec. 24.
- Circuit controlling apparatus, Electric. E. R. Thomas. 1,997,986; Apr. 16.
- Circuit controlling apparatus, Time delay. W. D. Cockrell. 2,003,992; June 4.
- Circuit controlling appliance, Electric. J. Sachs. 1,986,223; Jan. 1.
- Circuit controlling appliance, Electric. J. Sachs. 2,005,685-6; June 18.
- Circuit controlling appliance, Electric. J. Sachs. 2,005,688; June 18.
- Circuit controlling arrangement. W. H. Frank. 2,023,878; Dec. 10.
- Circuit controlling device. W. H. Hollinshead. 2,012,428; Aug. 27.
- Circuit controlling device. L. E. King. 2,025,593; Dec. 24.
- Circuit controlling device. C. W. Kuhn. 1,988,848; Jan. 22.
- Circuit controlling device. R. G. Lockett. 2,025,292; Dec. 24.
- Circuit controlling device. W. M. Scott, Jr. 2,025,781; Dec. 31.
- Circuit controlling device. C. F. Wallace. 2,002,804; May 28.
- Circuit controlling devices, System of. J. Sachs. 1,992,719; Feb. 26.
- Circuit controlling mechanism, Electric. J. Sachs. 2,002,587; May 28.
- Circuit-controlling mechanism, Electric. H. I. Turner. 1,989,723; Feb. 5.
- Circuit controlling mechanism, Time governed. W. C. McWhirter. 1,989,522; Jan. 29.
- Circuit, Crystal controlled oscillator. H. E. Goldstine and J. W. Conklin. 1,989,442; Jan. 29.
- Circuit, Delayed automatic volume control. C. Travis. 2,013,982; Oct. 29.
- Circuit, Detector. K. Posthumus. 1,986,851; Jan. 8.
- Circuit detector relay, Short. R. M. Smith. 2,024,706; Dec. 17.
- Circuit device for preventing stuffing in cinematographic apparatus, Safety closing. A. L. V. C. Debrie. 1,988,980; Jan. 22.
- Circuit, Dynamic multiplier. J. H. Hammond, Jr. 1,998,618; Apr. 23.
- Circuit, Dynamic multiplier. J. H. Hammond. 2,008,703; July 23.
- Circuit, Electric. B. M. Cain. 2,011,395; Aug. 13.
- Circuit, Electric. H. Koch. 1,988,539; Jan. 22.
- Circuit, Electric alarm. R. W. McBrien and N. F. Wilson. 2,011,112; Aug. 13.
- Circuit, Electric discharge device. W. F. Westendorp. 2,026,408; Dec. 31.
- Circuit, Electric discharge starting. R. M. Somers. 2,013,974; Sept. 10.
- Circuit, Electric translating. E. Blalch. 1,988,294; Jan. 15.
- Circuit, Electric translating. I. Langmuir. 2,024,173; Dec. 17.
- Circuit, Electric translating. C. G. Suits. 1,989,500; Jan. 29.
- Circuit, Electric valve translating. B. D. Bedford. 1,986,617; Jan. 1.
- Circuit, Electric valve translating. B. A. Case. 2,001,567; May 14.
- Circuit, Electrical. A. E. Hill. 2,016,144; Oct. 1.
- Circuit, Electrical. H. L. Smith. 1,992,246; Feb. 26.
- Circuit, Electrical control. E. O. Erickson. 2,002,769; May 28.
- Circuit, Electron discharge amplifier. I. R. Weir. 1,998,298; Apr. 16.
- Circuit for audion tubes. E. L. Koch. 2,007,764; July 9.
- Circuit for controlling transmission in signaling systems. B. G. Bjornson and Q. E. Greenwood. 2,014,223; Sept. 10.
- Circuit for controlling transmission in signaling systems. N. D. Newby and D. L. Moody. 1,990,414; Feb. 5.
- Circuit for discharge tubes. C. J. R. H. von Wedel. 2,023,453; Dec. 10.
- Circuit for high frequency receivers, Preselector. W. F. Curtis. 2,013,650; Sept. 10.
- Circuit for precision control of master oscillators. A. H. Taylor. 2,014,913; Sept. 17.
- Circuit for radio transmitters, Control. L. A. Gebhard. 1,986,722; Jan. 1.
- Circuit for radio-transmitters, Ringing. G. W. Fyler. 2,023,222; Dec. 3.
- Circuit for tetrodes, Crystal oscillator. A. H. Taylor. 1,998,469; Apr. 23.
- Circuit, Frequency division. W. F. Curtis. 2,006,346; July 2.
- Circuit, Gain control. J. A. Coy and H. I. Romnes. 2,017,654; Oct. 15.
- Circuit, Gaseous luminous tubing. H. Mendelsohn. 1,986,939; Jan. 8.
- Circuit, Generator control. J. H. Sole. 1,998,104; Apr. 16.
- Circuit, Glow discharge tube. F. Schröter. 2,004,587; June 11.
- Circuit, High frequency. S. Becker. 1,992,805; Feb. 26.
- Circuit, High frequency. I. J. Kaar. 1,998,322; Apr. 16.
- Circuit, High frequency translating. W. Schäffer. 2,025,129; Dec. 24.
- Circuit, Induction furnace. T. H. Long. 1,997,644; Apr. 16.
- Circuit, Inter-carrier noise suppressor. L. E. Barton. 2,010,252; Aug. 6.
- Circuit interrupter. W. M. Austin. 2,001,898; May 21.
- Circuit interrupter. B. P. Baker. 2,025,697; Dec. 24.
- Circuit interrupter. B. P. Baker and W. M. Leeds. 1,991,878; Feb. 19.
- Circuit interrupter. J. D. Ellis and G. C. Armstrong. 2,020,935; Nov. 12.
- Circuit interrupter. R. R. Gonsett. 2,025,235; Dec. 24.
- Circuit interrupter. O. S. Jennings. 2,013,827; Sept. 10.
- Circuit interrupter. R. R. Pittman and C. H. Walsh. 2,025,525; Dec. 24.
- Circuit interrupter. D. C. West and H. A. Rose. 2,001,897; May 21.
- Circuit interrupter, Electric. G. A. Healis. 2,000,442; May 7.
- Circuit interrupter, Electric. L. S. Hobson. 2,019,348; Oct. 29.
- Circuit interrupting device. J. Kopeliowitsch. 2,022,241; Nov. 26.
- Circuit making and breaking devices, Operating electric. R. A. Coffman. 2,011,144; Aug. 13.
- Circuit, Modulation. H. N. Kozanowski and H. V. Noble. 2,025,595; Dec. 24.
- Circuit, Motor control. J. D. Ryder. 2,015,967; Oct. 1.
- Circuit, Multiple radiotelephone and telegraph. E. R. Taylor. 1,997,706; Apr. 16.
- Circuit, Muted automatic volume control. J. S. Starrett. 2,023,448; Dec. 10.
- Circuit, Neutralization. C. W. Hansell. 2,013,098; Sept. 3.
- Circuit, Oscillator. P. O. Farnham. 2,001,694-5; May 14.
- Circuit, Oscillator. S. Ruben. 1,991,175; Feb. 12.
- Circuit, Oscillator. C. W. Hansell. 1,988,622; Jan. 22.
- Circuit, Oscillator. C. W. Hansell. 2,017,093; Oct. 15.
- Circuit, Power supply. S. M. Hammer. 2,002,774; May 28.
- Circuit, Power supply. W. van B. Roberts. 1,987,976; Jan. 15.
- Circuit, Power supply. F. Saar. 2,009,071; July 23.
- Circuit protecting device. H. A. Triplett. 2,017,639; Oct. 15.
- Circuit, Radio receiving. P. J. Snider. 2,011,941; Aug. 20.
- Circuit railway track. F. B. Hitchcock. 2,026,497; Dec. 31.
- Circuit rectifier and filter. R. Rechnitzer. 2,000,986; May 14.
- Circuit, Regulator. E. R. Morton. 2,003,457; June 4.
- Circuit scheme adapted to preclude spurious couplings in radio frequency amplifiers. E. A. Zepher. 1,998,482; Apr. 23.
- Circuit, Screen grid. W. V. Roberts. 1,985,952; Jan. 1.
- Circuit, Selector. L. Rotter. 1,992,445; Feb. 26.
- Circuit, Short wave receiving. W. Ludenia. 2,013,103; Sept. 3.
- Circuit, Signal relaying. W. A. Knoop. 1,990,552; Feb. 12.
- Circuit, Signaling. H. Nyquist. 2,005,047; June 18.
- Circuit, Surge limiting. W. W. Sturdy. 2,002,617; May 28.
- Circuit, Synchronous vibrating relay. W. A. Knoop. 1,990,551; Feb. 12.
- Circuit tester, Electric. R. T. Kalb. 1,995,476; Mar. 26.
- Circuit, Thermostat. R. J. Parsons and E. J. Heyman. 1,986,445; Jan. 1.
- Circuit, Time delay. E. H. Holt. 1,999,811; Apr. 30.
- Circuit, Translating. H. T. Friis. 2,013,140; Sept. 3.
- Circuit, Translating. A. G. Jensen. 2,013,154; Sept. 3.
- Circuit, Transmission control. B. G. Bjornson. 2,004,598; June 11.
- Circuit, Transmission line. P. S. Carter. 2,019,809; Nov. 5.
- Circuit, Transmitting. C. A. Boddie. 2,001,450; May 14.
- Circuit, Tuning. B. Trevor. 2,006,526; July 2.
- Circuit, Vacuum tube. D. D. Robertson. 1,994,486; Mar. 19.
- Circuit, Vacuum tube. E. E. Turner, Jr. 1,991,430; Feb. 19.
- Circuit, Vacuum tube. A. V. Wurmser. 1,994,498; Mar. 19.
- Circuit, Vacuum-tube amplifier. V. J. Fabian. 2,012,381; Aug. 27.
- Circuit, Vacuum tube output. W. Aull, Jr. 1,989,394; Jan. 29.
- Circuit, Voice operated switching. C. N. Nebel. 2,018,465; Oct. 22.
- Circuit, Voice operated transmission. C. N. Nebel. 2,018,464; Oct. 22.
- Circuit, Volume control. H. A. Affel. 2,007,416; July 9.
- Circuit, Volume control. W. E. Haselwood. 2,024,446; Dec. 17.
- Circuit, Volume control. J. C. Shelleng. 2,019,637; Nov. 5.
- Circuit, Wave amplifying. E. Peterson. 1,995,362; Mar. 26.
- Circuit, Wave distorting. D. Prinz. 1,997,014; Apr. 9.

- Circuits, Adjusting effective incremental permeability of magnetic. N. Delsch. 2,000,378; May 7.
- Circuits, Amplifier. A. L. Timmer. 1,990,055; Feb. 5.
- Circuits, Automatic gain control. F. M. G. Murphy. 2,025,019; Dec. 24.
- Circuits, Automatic volume control. W. L. Carlson. 1,985,914; Jan. 1.
- Circuits, by light sensitive means, Device and method for controlling. H. H. Geffcken and H. R. Richter. 1,998,133; Apr. 16.
- Circuits, Combined detector amplifier. A. J. H. Van der Ven, J. Van der Mark, and B. D. H. Tellegen. 1,997,397; Apr. 9.
- Circuits, Connecting plural. J. E. Long. 2,010,310; Aug. 6.
- Circuits, Control. A. C. Norwine. 2,021,920; Nov. 26.
- Circuits, Control of constant current. C. G. Suits. 2,006,970; July 2.
- Circuits, Device for controlling electric. L. F. Jones and E. W. Radius. 2,018,958; Oct. 29.
- Circuits, Device for testing electric. A. C. W. Saunders. 1,986,414; Jan. 1.
- Circuits, Electric. C. G. Suits. 1,994,325; Mar. 12.
- Circuits, Electric translating. L. W. Thompson and G. L. Rogers. 2,019,328; Oct. 29.
- Circuits, Electric translation. M. E. Bivens. 1,990,366; Feb. 5.
- Circuits, Electrical. C. W. Hansell. 1,999,190; Apr. 30.
- Circuits, Electrical control. O. W. Livingston. 2,019,352; Oct. 29.
- Circuits, Electrical oscillation. G. Dobke and P. Kotowski. 2,008,545; July 16.
- Circuits, Feed-back. H. A. Wheeler. 2,022,067; Nov. 26.
- Circuits, for electron discharge devices. M. Masnou. 1,994,319; Mar. 12.
- Circuits, for thermionic rectifiers, Electrical control. D. E. O'Donovan. 1,997,011; Apr. 9.
- Circuits, Heterodyne. H. O. Peterson. 1,997,012; Apr. 9.
- Circuits, in two-way signaling systems, Transmission control. E. G. Bjornson. 1,998,071; Apr. 16.
- Circuits, Muted automatic volume control. J. S. Starratt. 2,023,449; Dec. 10.
- Circuits, Negative resistance. D. Prinz. 1,993,805; Mar. 12.
- Circuits, Opening and closing. C. V. Bates. 2,012,153; Aug. 20.
- Circuits, Oscillator. D. R. Goddard. 1,999,656; Apr. 30.
- Circuits, Photoelectric cell. G. M. Wright and S. B. Smith. 1,995,138; Mar. 19.
- Circuits, Positive push-pull grid. C. Travis. 2,016,402; Oct. 8.
- Circuits, Power. F. H. Engel. 2,002,343; May 21.
- Circuits, Power control. P. H. Craig. 2,001,836-8; May 21.
- Circuits, Simplified selective. H. A. Wheeler. 2,026,075; Dec. 31.
- Circuits, Starting. L. Smede. 2,008,730; July 23.
- Circuits, Superregenerative. W. Van B. Roberts. 2,008,261; July 16.
- Circuits, Thermostat-controlled. R. J. Parsons. 1,993,522; Mar. 5.
- Circuits, Thermostatic. R. J. Parsons and E. J. Heyman. 2,020,474; Nov. 12.
- Circuits, Tuning. B. Trevor. 2,009,212; July 23.
- Circuits, Voice operated. B. G. Bjornson. 1,997,207; Apr. 9.
- Circuits, Volume control. D. H. Ring. 2,025,400; Dec. 24.
- Circular knitting machine. H. Swinglehurst, Jr. 2,000,798; May 7.
- Circular loom. W. R. MacEwan and J. I. Villa. 2,011,154; Aug. 13.
- Circulating and humidifying the air in a refrigerating room and for defrosting, Method and apparatus for. C. S. Zedlik. 2,017,781; Oct. 15.
- Circulating and mixing system. N. C. Schellenger. 2,022,481; Nov. 26.
- Circulating heater. W. L. Hager. 1,987,145; Jan. 8.
- Circulating pump. C. A. Ruesenberg. 2,001,369; May 14.
- Circulating system for retreading mold pressure bags. H. J. Woock. 2,003,566; June 4.
- Circulation in boilers, Apparatus for and method of improving. J. C. Martin, Jr. 2,024,466; Dec. 17.
- Circulator. H. D. Yoder. 2,017,302; Oct. 15.
- Circulator for pickling baths. A. Dietzel. 2,008,853; July 23.
- Cistern, Lavatory. A. J. Gurck. 2,013,149; Sept. 3.
- Clamp: See—
- Battery clamp. Paste tube clamp.
- Battery terminal clamp. Pinch clamp.
- Bedding clamp. Pipe clamp.
- Cable clamp. Rail clamp.
- Cable supporting clamp. Releasing clamp.
- Conductor clamp. Scaffolding clamp.
- Connection clamp. Shelf clamp.
- Door clamp. Showcase clamp.
- Drawing board clamp. Slippage permitting clamp.
- Electric head and column clamp. Spring clamp.
- Hair clamp. Spring nipple clamp.
- Hair waving clamp. Strain clamp.
- Heel clamp. Tennis racket clamp.
- Hose clamp. Terminal clamp.
- Jacking clamp. Tie rod clamp.
- Jar cap clamp. Transmission line clamp.
- Mop clamp. Wire clamp.
- Work-centering clamp.
- Clamp. A. Dawson. 1,996,407; Apr. 2.
- Clamp. H. W. Denhard. 2,018,398; Oct. 22.
- Clamp. W. C. Dumke. 2,002,141; May 21.
- Clamp. F. L. Ellis. 1,988,240; Jan. 15.
- Clamp. F. Farrell. 2,013,437; Sept. 3.
- Clamp. E. Geissbühler. 1,995,206; Mar. 19.
- Clamp. E. J. Hornung. 2,008,669; July 23.
- Clamp. T. C. North. 2,021,082; Nov. 12.
- Clamp. T. Pesci. 2,003,090; May 28.
- Clamp actuating mechanism, Discriminating. D. C. Klausmeyer. 2,022,355; Nov. 26.
- Clamp and insulator, Hot line. D. E. Snyder. 2,000,652; May 7.
- Clamp and length gauge, Automatic work. B. G. Hardy. 1,996,373; Apr. 2.
- Clamp and spreader for concrete forms. J. Hromek. 2,026,472; Dec. 31.
- Clamp and terminal sleeve, Combined. H. A. Douglas. 2,011,676; Aug. 20.
- Clamp casing head control, Multiple. C. J. Broussard. 1,989,679; Feb. 5.
- Clamp device, Safety. J. Vigliano. 1,992,590; Feb. 26.
- Clamp for cables, wires, ropes, and the like. J. L. Bairley. 1,995,289; Mar. 26.
- Clamp for display packages. M. Ladin. 1,990,946; Feb. 12.
- Clamp for drop wire bars. S. O. Dodge and H. J. Malafey. 2,012,712; Aug. 27.
- Clamp for egg case tops. R. E. Needham. 2,012,475; Aug. 27.
- Clamp for glass. W. Owen. 1,996,385; Apr. 2.
- Clamp for paper cutting machines, Automatic. J. F. Schroeter and J. A. Hanson. 1,990,392; Feb. 5.
- Clamp for presses, Automatic tail. G. W. Johnson. 2,015,900; Oct. 1.
- Clamp for radial drills, Column. J. C. Carlton. 2,002,469; May 21.
- Clamp operating and locking means. J. Verderber and E. F. Batterman. 2,014,155; Sept. 10.
- Clamp, operating apparatus. C. Seybold. 2,023,794-5; Dec. 10.
- Clamp with elevating control, Hydraulic column and arm. L. L. Schauer and A. M. Sosa. 2,019,509; Nov. 5.
- Clamping and clamping means. K. A. R. Erfass. 1,993,991; Mar. 12.
- Clamping device. T. Melder and M. O. Goldsmith. 1,997,425; Apr. 9.
- Clamping device. J. Olson. 1,997,428; Apr. 9.
- Clamping device. C. M. Rutter. 2,021,243; Nov. 19.
- Clamping device. C. F. Stuart. 1,998,597; Apr. 23.
- Clamping device. G. E. Swartz. 2,021,357; Nov. 19.
- Clamping device. J. S. Townsend. 2,016,947; Oct. 8.
- Clamping device. L. C. Warager. 1,996,447; Apr. 2.
- Clamping device for air brake test racks. L. A. Safford. 1,997,749; Apr. 16.
- Clamping device for individual wheel suspension units. H. R. Rosenberry. 2,024,537; Dec. 17.
- Clamping device for web replenishing looms. R. G. Turner. 2,004,302; June 11.
- Clamping means for slicing machines. E. A. Ford. 1,997,966; Apr. 16.
- Clamping mechanism for radial drills. J. C. Carlton. 2,002,446; May 21.
- Clamping tool. H. A. Flader. 1,990,820; Feb. 12.
- Clarification, Apparatus for. W. A. Gilchrist. 2,003,357; June 4.
- Clasp. E. C. H. Barnette. 1,990,397; Feb. 5.
- Clasp. J. T. Duffy, Jr. 1,999,287; Apr. 30.
- Clasp. G. Feltz. 2,024,634; Dec. 17.
- Clasp. H. C. Johnson. 2,013,465; Sept. 3.
- Clasp. H. H. Jones. 2,002,999; May 28.
- Clasp. H. W. Kulp and M. C. Dellinger. 2,005,841; June 25.
- Clasp. J. F. McSoley. 2,013,760; Sept. 10.
- Clasp. E. S. Mix. 2,008,624; July 16.
- Clasp. E. Morehouse. 2,004,836; June 11.
- Clasp. E. Morehouse. 2,019,691; Nov. 5.
- Clasp. G. G. Sabins. 2,022,925; Dec. 3.
- Clasp. M. D. Schwartz and B. Kaplan. 1,988,920; Jan. 22.
- Clasp, Bracelet. C. A. Domler. 2,000,056; May 14.
- Clasp brake. O. R. Mitchell. 1,991,330; Feb. 12.
- Clasp, Combination scarf or necktie. B. B. Manaster. 2,024,465; Dec. 17.
- Clasp, Dental. J. V. Amenta. 2,003,030; May 28.
- Clasp, Detachable. L. Locke. 2,005,872; June 25.
- Clasp fastener with fastener elements of nonmetallic materials, Sliding. J. Hora. 2,025,453; Dec. 24.
- Clasp for articles of jewelry and the like. O. C. Woodward. 2,009,244; July 23.
- Clasp for garment supporters. J. R. Parker. 2,016,175; Oct. 1.
- Clasp for hair wavers. P. L. Haims. 2,013,206; Sept. 3.
- Clasp for parallel hose members. F. W. Gunn. 2,012,562; Aug. 27.
- Clasp for sanitary napkins. T. E. Hicks. 2,014,330; Sept. 10.
- Clasp for tie construction and the like. S. Edelheit. 1,993,734; Mar. 12.
- Clasp, Garment. J. Pallas. 2,014,979; Sept. 17.
- Clasp, Lingerie. M. B. Desrosiers. 2,000,127; May 7.
- Clasp, Lingerie. S. C. Johnson. 2,015,113; Sept. 24.
- Clasp, Necktie. E. S. Mix. 2,009,941; July 30.
- Clasp or clip for hair waving. B. Cahn. 1,992,023; Feb. 19.

- Clasp or connector for watch bracelets and the like. S. A. Johnson. 2,006,047; June 25.
- Clasp or connecting device for straps, bands, and bracelets, Extendible. C. H. Kestenman. 2,004,206; June 11.
- Clasp, Ornamental. O. F. Placco. 2,021,200; Nov. 19.
- Clasp, Sanitary napkin belt. E. E. Statter. 2,017,551; Oct. 15.
- Clasp, Stocking supporting. A. S. Becker. 2,018,652; Oct. 29.
- Clasp, Tie. W. F. Cole. 2,009,762; July 30.
- Clasp, Tie. A. A. Kaplan and E. Porcelain. 2,016,747; Oct. 8.
- Clasping device for watch bracelets and the like, Extendible. C. H. Kestenman. 1,999,156; Apr. 23.
- Clasping device for watch-bracelets and the like, Extendible. C. H. Kestenman. 2,006,050; June 25.
- Clasps for corsets and the like, Stud-and-eye. J. A. Rice. 2,003,222; May 28.
- Classifier. H. A. Cuppy. 2,001,184; May 14.
- Classifier. C. K. McArthur. 2,025,690; Dec. 24.
- Classifier. W. W. Patnoe. 2,009,055; July 23.
- Classification apparatus. R. S. Handy. 2,025,412; Dec. 24.
- Classifying apparatus. M. P. Reynolds and R. W. Disbro. 1,991,001; Feb. 12.
- Classifying means. C. T. Walter. 1,989,252; Jan. 29.
- Clay and product formed therefrom, Method of indurating. M. H. Kliefoth. 2,000,338; May 7.
- Clay bodies, Method of and apparatus for molding. D. Brown. 2,005,886; June 25.
- Clay feeding device. W. McClintock. 1,996,930; Apr. 9.
- Clay in treating tower systems, Continuously using. R. K. Stratford and C. Leaver. 2,000,672; May 7.
- Clay, Process and apparatus for reclaiming filtered. N. G. de Rachat. 2,007,242; July 9.
- Clay product and making, Light weight. C. Weigel. 1,997,282; Apr. 9.
- Clay products for vitreous slips. C. J. Kinzie, C. H. Commons, Jr., and D. S. Hake. 1,988,800; Jan. 22.
- Clay products, Making cellular. H. D. Foster. 2,001,664; May 14.
- Clay working. D. E. and J. L. Child. 2,024,025; Dec. 10.
- Clays, Preparing active bleaching. A. Wirzmueller. 2,018,987; Oct. 29.
- Clean-out cover. W. Rigney. 1,999,704; Apr. 30.
- Clean-up agent. J. D. McQuade. 2,018,965; Oct. 29.
- Cleaner: See—
- Air cleaner. Pipe cleaner.
 - Air-method cleaner. Pipe or drain cleaner.
 - Beverage coil cleaner. Pneumatic cleaner.
 - Blueberry cleaner. Pocket cleaner.
 - Boiler cleaner. Portable suction cleaner.
 - Boiler tube cleaner. Pot cleaner.
 - Bulb cleaner. Railway track cleaner.
 - Butcher's block cleaner. Spark plug cleaner.
 - Carding machine cleaner. Spinning frame draft roll cleaner.
 - Cotton cleaner. Suction cleaner.
 - Dental cleaner. Sweeper bag cleaner.
 - Drain or waste cleaner. Tape cleaner.
 - Electric vacuum cleaner. Thread cleaner.
 - Eraser cleaner. Thread or yarn cleaner.
 - File cleaner. Tray and pipe cleaner.
 - Floor cleaner. Tube cleaner.
 - Fluid cleaner. Vacuum cleaner.
 - Gear case cleaner. Waste pipe cleaner.
 - Glass cleaner. Windshield cleaner.
 - Golf ball cleaner. Window cleaner.
 - Liquid cleaner. Yarn cleaner.
 - Pipe and tube cleaner.
- Cleaner. W. S. Johnson. 2,011,975; Aug. 20.
- Cleaner agitator, Suction. F. Riebel, Jr. 1,990,710; Feb. 12.
- Cleaner and washer, Glass and tumbler. D. Bachells. 2,024,812; Dec. 17.
- Cleaner floor tool, Suction. F. Riebel, Jr. 2,003,312; June 4.
- Cleaner for gaseous fluids. C. H. Heist. 2,010,231; Aug. 6.
- Cleaner for textile machine. C. L. Lytton, W. A. Huffstickler, and M. R. Adams. 2,011,770; Aug. 20.
- Cleaner, Making a valve guide. L. W. Johnson. 2,009,496; July 30.
- Cleaner or applicator. E., L. J., and V. L. Kurtz. 1,989,201; Jan. 29.
- Cleaner or scraper, Dropping board. C. H. Inman and C. R. Le Compte. 1,987,298; Jan. 8.
- Cleaner stand, Adjustable. J. K. Delano. 2,013,204; Sept. 3.
- Cleaner system. A. S. Mackenzie. 1,987,241; Jan. 8.
- Cleaning. G. B. Ashton. 2,020,228; Nov. 5.
- Cleaning agent container. H. R. Stevens. 1,997,982; Apr. 16.
- Cleaning and fluid reclaiming machine, Combination dry. W. E. Sharp. 2,007,881; July 9.
- Cleaning and scouring material. H. T. McGill. 2,016,289; Oct. 8.
- Cleaning apparatus and method, Dry. J. E. Martin. 2,004,376; June 11.
- Cleaning apparatus, Dry. R. A. Hetzer. 1,993,407; Mar. 5.
- Cleaning apparatus, Dry. G. W. Johnson. 2,019,011; Oct. 29.
- Cleaning apparatus, Dry. C. L. Kubista. 2,008,556; July 16.
- Cleaning apparatus, Dry. J. McCreery. 2,016,552; Oct. 8.
- Cleaning apparatus, Dry. F. G. Still. 2,015,443; Sept. 24.
- Cleaning apparatus for boilers. W. L. Mars. 2,011,819; Aug. 20.
- Cleaning attachment for combs. O. Friedmann. 2,005,520; June 18.
- Cleaning composition. W. T. Doherty. 2,016,265; Oct. 1.
- Cleaning composition and process, Dry. W. H. Alton. 2,018,507; Oct. 22.
- Cleaning device. E. H. Anderson. 2,007,238; July 9.
- Cleaning device. W. S. Johnson. 2,011,974; Aug. 20.
- Cleaning device for gill-box fallers. H. Whitaker. 2,005,209; June 18.
- Cleaning device for harvesters. A. B. Welty. 2,011,923; Aug. 20.
- Cleaning, Dry. A. E. Hatfield. 1,990,691; Feb. 12.
- Cleaning, Dry. L. Nanoogian. 2,024,533; Dec. 17.
- Cleaning fluid. W. E. Sharp. 2,010,038; Aug. 6.
- Cleaning fluid, Manufacturing a flame resistant. G. L. Parkhurst. 2,017,568; Oct. 15.
- Cleaning horses and other animals, Apparatus for. F. Walters. 2,017,780; Oct. 15.
- Cleaning implement. A. J. Knott. 2,007,536; July 9.
- Cleaning machine. A. Bartsch. 2,015,583; Sept. 24.
- Cleaning materials to feed water heaters, Feeding. R. M. Ostermann. 2,019,628; Nov. 5.
- Cleaning means for bar screens. E. R. Schofield and R. Kramaroff. 2,009,005; July 23.
- Cleaning method and apparatus. J. E. Martin. 2,004,375; June 11.
- Cleaning, Method and apparatus for. K. Steinbacher. 2,013,511; Sept. 3.
- Cleaning or moistening device. J. G. Homan. 2,011,635; Aug. 20.
- Cleaning process. A. L. Koch. 2,016,376; Oct. 8.
- Cleaning, Process of. J. F. Wait. 2,009,365; July 23.
- Cleaning solution. H. W. Kent, E. H. Gerry, and A. M. Currier. 1,990,383; Feb. 5.
- Cleaning tool. C. H. Wheeler. 2,022,021; Nov. 26.
- Cleaning with solvents, Apparatus for. C. F. Dinley. 2,018,648; Oct. 22.
- Clear vision screen. J. R. Oishei and E. V. Schaal. 1,992,629; Feb. 26.
- Clearance regulator. C. E. Wyrick. 2,004,264; June 11.
- Cleat, Baseball shoe. J. T. Riddell. 2,001,976; May 21.
- Cleat, Clothesline. A. C. Hansen. 1,985,989; Jan. 1.
- Cleat for athletic shoes. J. P. Kerin. 2,026,280; Dec. 31.
- Cleat, Metal. R. M. Tonn. 1,986,030; Jan. 1.
- Cleat, Rope. A. Wanser, Sr. 2,011,532; Aug. 13.
- Cleat, Shoe. E. Ehrmann. 1,989,475; Jan. 29.
- Cleat, Shoe. I. I. Tubbs. 2,002,556; May 28.
- Cleats or similar articles, Making shoe. J. T. Riddell. 2,001,977; May 21.
- Clevises, Forming. G. C. Miller and W. J. Brenner. 1,997,871; Apr. 16.
- Clicking machine. M. H. Ballard and D. G. McLean. 2,021,219; Nov. 19.
- Climmer for poles of hard material. C. Castelli. 2,009,474; July 30.
- Climbing hook. W. M. Bashlin. 2,016,249; Oct. 1.
- Clip: See—
- Bait clip. Newspaper clip.
 - Battery clip. Paper clip.
 - Battery testing clip. Pencil clip.
 - Bundling clip. Self tying clip.
 - Cartridge clip. Soft clip.
 - Connecting clip. Spring clip.
 - Cover attaching clip. Tape coil clip.
 - Furring clip. Tile attaching clip.
 - Ground rod clip. Tile clip.
 - Locking spring clip. Wall clip.
- Clip. F. C. Claudius. 2,015,617; Sept. 24.
- Clip. B. W. Hanle. 2,022,416; Nov. 26.
- Clip. T. W. Russell. 2,006,843; July 2.
- Clip. G. G. Wasson. 2,004,231; June 11.
- Clip. E. L. Woodley. 1,997,894; Apr. 16.
- Clip attachers, Laundry. A. F. Hanney. 2,011,105; Aug. 13.
- Clip for catenary suspension systems. J. F. Matteo. 2,021,515; Nov. 19.
- Clip for chassis and body, Cable supporting. B. J. Sinaeve. 2,004,353; June 11.
- Clip for tubular hose and the like. F. Pritchard. 1,986,748; Jan. 1.
- Clip for wrench sets. C. Schanmburg. 1,995,687; Mar. 26.
- Clip member. W. I. Jones. 2,021,730; Nov. 19.
- Clip snap for bracelets and the like, Safety. V. and V. Salvo. 2,020,163; Nov. 5.
- Clipper. G. Haumann. 2,005,824; June 25.
- Clipper. I. Jeppsson. 1,987,444; Jan. 8.
- Clipper attachment. Hair. W. O. and V. L. Yancey. 2,011,351; Aug. 13.
- Clipper, Hair. J. Dean. 2,014,882; Sept. 17.
- Clipper, Hair. J. W. McDaniel. 1,993,939; Mar. 12.
- Clipper, Power driven hair. M. Andis. 2,013,229; Sept. 8.
- Clipper, Self-adjustable. C. M. Havens. 2,024,220; Dec. 17.
- Clippers, Barber's. R. Greco, G. Getz, and F. Marino. 1,988,199; Jan. 15.
- Clock. J. Bechler. 1,999,557; Apr. 30.
- Clock. A. F. Benson. 2,004,909; June 11.
- Clock. A. Bulova. 2,015,843; Oct. 1.
- Clock. F. A. Greenawalt. 1,990,645; Feb. 12.
- Clock. J. W. Hansen. 2,000,327; May 7.

- Clock. N. G. Horwitt and M. Katcher. 2,001,195; May 14.
- Clock. M. Jauch. 2,019,979; Nov. 5.
- Clock. R. Magro and F. G. Borger. 2,019,717; Nov. 5.
- Clock. A. N. Woodruff. 1,990,012; Feb. 5.
- Clock, Alarm. E. L. Carlson. 2,006,758; July 2.
- Clock, Alarm. C. Jauch. 2,002,998; May 28.
- Clock, Alarm. C. E. Sholden. 2,028,070; Dec. 31.
- Clock, Alarm. A. H. Watson. 2,020,388; Nov. 12.
- Clock, Alternating current. W. J. Van Osdel. 2,000,307; May 7.
- Clock and making same. R. H. Whitehead. 2,022,263; Nov. 26.
- Clock and radio receiver assembly. Combination. H. R. Van Deventer. 2,021,211; Nov. 19.
- Clock and system. Electric. H. E. Warren. 2,026,368; Dec. 31.
- Clock and the like. Direct reading. R. J. Powers. 2,024,598; Dec. 17.
- Clock and radioreceiver. Combination. H. R. Van Deventer. 2,003,405; June 4.
- Clock, Calendar. H. Graham. 1,989,410; Jan. 29.
- Clock case, Soundproof. C. Finch. 2,012,002; Aug. 20.
- Clock. Coin controlled electrical. T. A. Foster. 1,988,766; Jan. 22.
- Clock combined with advertising device. E. A. Rogers. 1,998,026; Apr. 16.
- Clock, Cyclometer. E. Bourquin. 1,991,241; Feb. 12.
- Clock dial. A. J. Geoffrion. 2,011,517; Aug. 13.
- Clock, Direct reading. G. W. Janson. 1,998,763; Apr. 23.
- Clock, Electric. J. Fink. 2,019,898; Nov. 5.
- Clock, Electric. I. Florman. 2,008,610; July 16.
- Clock, Electric. G. Greenamyer. 2,022,715; Dec. 3.
- Clock, Electric. L. Hammond. 2,013,208; Sept. 3.
- Clock, Electric. A. W. Haydon and A. Reichenbach. 1,999,692; Apr. 30.
- Clock, Electric. B. E. Lawrence and B. Hayes. 2,008,105; July 16.
- Clock, Electric. F. Loeffler. 1,993,411; Mar. 5.
- Clock, Electric. F. Loeffler. 2,000,600; May 7.
- Clock, Electric. A. F. Poole. 1,989,604; Jan. 29.
- Clock, Electric. A. F. Poole. 2,019,768; Nov. 5.
- Clock, Electric. A. F. Poole. 2,025,894; Dec. 31.
- Clock, Electric calendar. C. Canepa. 1,988,782; Jan. 22.
- Clock, Electromagnetic impulse. J. Fink. 2,000,585; May 7.
- Clock, Geographical. C. B. Segovia. 2,001,633; May 14.
- Clock, Geographical. C. B. Segovia. 2,024,066; Dec. 10.
- Clock, Illuminated. J. Schmidt. 2,008,930; July 23.
- Clock mechanism. S. F. Metzler. 1,994,828; Mar. 19.
- Clock, Mirror. J. F. Mansfield. 1,989,328; Jan. 29.
- Clock, Modulated alarm. D. S. Ingraham. 2,003,785; June 4.
- Clock-motor, Non-self starting. B. E. Lenehan. 2,001,914; May 21.
- Clock movement. M. Knobel. 2,004,814; June 11.
- Clock, Program. D. D. Snow. 2,009,030; July 23.
- Clock setting and starting mechanism. Electric. G. Browning. 1,986,498; Jan. 1.
- Clock setting device. H. E. Warren. 1,995,726; Mar. 26.
- Clock setting mechanism. Automatic. J. B. Smith. 1,997,979; Apr. 16.
- Clock system, Electric. A. F. Poole. 1,989,605; Jan. 29.
- Clock, Talking. C. Battagay. 1,998,435; Apr. 23.
- Clock, Variable-beat alarm. W. E. Porter. 1,987,210; Jan. 8.
- Clock, Variable-beat alarm. W. E. Porter. 2,020,738; Nov. 12.
- Clock with memorandum attachment and reminder. W. L. Wheeler. 2,014,754; Sept. 17.
- Closet bowl. G. Brain. 1,988,234; Jan. 15.
- Closet elbow connection. O. K. McFarland and C. A. Yeager. 2,021,817; Nov. 19.
- Closet rims. Apparatus for molding water. J. M. Teahen. 2,002,873; May 28.
- Closing device for any applications. P. A. Mattei. 1,993,677; Mar. 5.
- Closing device for casement windows and the like. Automatic. G. H. Elwell. 2,020,277; Nov. 5.
- Closing device or cover. R. D. Muro. 2,015,761; Oct. 1.
- Closing machine. R. E. J. Nordquist and J. D. LeFrank. 2,010,031; Aug. 6.
- Closure. A. O. Daller. 2,007,520; July 9.
- Closure. J. N. Halkett. 2,003,046; May 28.
- Closure. L. Hescher. 2,012,275; Aug. 27.
- Closure. P. O. Hoag. 1,995,350; Mar. 26.
- Closure. A. S. Karper. 1,987,299; Jan. 8.
- Closure. M. P. Keith. 1,986,271; Jan. 1.
- Closure. W. J. Keith. 2,009,668; July 30.
- Closure. H. C. Romaine. 1,995,013; Mar. 19.
- Closure. L. Schumacher. 1,996,493; Apr. 2.
- Closure. I. E. Sexton. 2,001,980; May 21.
- Closure. B. L. Stevenson. 1,991,126; Feb. 12.
- Closure. F. E. Sweeney. 2,000,795; May 7.
- Closure. C. M. Villanyi. 1,989,218; Jan. 29.
- Closure. C. M. Villanyi. 2,001,086; May 14.
- Closure. C. E. Voke and C. E. Denbow. 2,002,723; May 28.
- Closure. F. Westerbeck. 2,003,025; May 28.
- Closure and hanger. A. A. Schulte. 2,015,291; Sept. 24.
- Closure and operating means therefor. Step-well. J. Christiansen and J. B. D. Thompson. 2,024,338; Dec. 17.
- Closure apparatus for treatment chambers. H. S. Lee. 2,014,941; Sept. 17.
- Closure assembly for pneumatic carriers. Removable. E. Irving. 2,019,858; Nov. 5.
- Closure cap. S. A. Love. 1,998,373; Apr. 16.
- Closure cap. H. F. Reichenbach. 1,987,860; Jan. 15.
- Closure cap. K. E. Stant. 1,990,621; Feb. 12.
- Closure cap. C. J. Terrill. 2,014,093; Sept. 10.
- Closure cap for tumblers, bottles, jars, and other receptacles. H. Ingram. 2,005,318; June 18.
- Closure cap lock. K. E. Stant. 1,989,297; Jan. 29.
- Closure caps, Method and device for making. J. C. Gibbs. 2,010,228; Aug. 6.
- Closure, Container. C. H. Egan. 2,013,177; Sept. 3.
- Closure, Container. A. Mitchell. 2,013,166; Sept. 3.
- Closure device. C. Cerna. 1,998,569; Apr. 23.
- Closure device with separable fasteners for cloths and the like. A. Techkovitch. 2,025,483; Dec. 24.
- Closure fastener. S. D. Farmer. 2,019,664; Nov. 5.
- Closure fastener. W. J. Goodman and J. W. Lang. 1,993,659; Mar. 5.
- Closure fastener. A. M. Johnson. 2,020,188; Nov. 5.
- Closure fastener. E. F. Pawsat. 2,021,805-6; Nov. 19.
- Closure fastening means. S. Quising. 2,000,983; May 14.
- Closure for articles of apparel. N. Salwen. 1,990,311; Feb. 5.
- Closure for barrels. R. S. Fetter. 2,011,044; Aug. 13.
- Closure for bottled or canned preserves and other comestibles. R. L. Shearwood. 1,996,554; Apr. 2.
- Closure for bottles, jars, and the like. H. Wiesner. 2,016,307; Oct. 8.
- Closure for bottles or the like. B. H. Anibal. 2,009,216; July 23.
- Closure for bottles. Sealing. M. Kay. 1,998,408; Apr. 16.
- Closure for collapsible containers. L. R. Schiefer. 1,998,847; Apr. 23.
- Closure for collapsible tubes. J. J. Burch. 2,015,992; Oct. 1.
- Closure for collapsible tubes. W. Dinnes. 2,025,810; Dec. 31.
- Closure for collapsible tubes. C. C. Nielsen. 1,997,116; Apr. 9.
- Closure for collapsible tubes. L. Paparello. 1,987,156; Jan. 8.
- Closure for collapsible tubes, Automatic. L. Gruber. 2,016,037; Oct. 1.
- Closure for collapsible tubes, Self-sealing. T. Kurlinski. 1,998,934; Apr. 23.
- Closure for concrete mixers. G. Jaeger and J. Eggert. 1,987,560; Jan. 8.
- Closure for containers. D. E. Baxter. 2,004,027; June 4.
- Closure for containers. D. J. Block. 2,012,950; Sept. 3.
- Closure for containers. S. A. Duvall. 2,023,919; Dec. 10.
- Closure for containers. T. W. Miller. 1,988,661; Jan. 22.
- Closure for containers. T. W. Miller. 1,988,852; Jan. 22.
- Closure for containers. A. Reiter. 2,007,692; July 9.
- Closure for containers. F. I. Remy. 2,005,871; June 25.
- Closure for containers. J. A. Weber. 2,011,742; Aug. 20.
- Closure for containers carrying a solid or semisolid content. L. B. Wackman. 2,010,447; Aug. 6.
- Closure for containers, Dispensing. D. H. Crowl. 2,020,108; Nov. 5.
- Closure for discharge openings. L. Eirich and J. Eirich. 2,014,041; Sept. 10.
- Closure for dispensing containers. W. C. Nenstiehl. 2,001,627; May 14.
- Closure for fruit jars and the like. R. S. Fetter. 2,000,831; May 7.
- Closure for heat-insulated containers. W. Voss. 1,988,223; Jan. 15.
- Closure for insulated chambers. O. W. Stahl. 1,986,022; Jan. 1.
- Closure for letters, Safety. A. Schülze. 2,001,434; May 14.
- Closure for metal containers. G. W. Todd. 2,015,465; Sept. 24.
- Closure for metal vessels, Bung. K. W. Mauser. 2,008,079; July 16.
- Closure for metallic receptacles, Dispensing spout. I. Newman. 2,008,084; July 16.
- Closure for meters. W. M. Bradshaw. 1,991,076; Feb. 12.
- Closure for outlets of dispensing containers, Automatic. G. B. Anderson. 2,026,012; Dec. 31.
- Closure for pressure vessels. G. D. Dodd. 2,009,877; July 30.
- Closure for receptacles. H. Hermani. 1,988,383; Jan. 15.
- Closure for receptacles, Heat controlled. H. D. Flegel. 1,993,507; Mar. 5.
- Closure for thermometer casings. J. L. Chaney. 1,995,470; Mar. 26.
- Closure for vacuum cleaner bags. J. W. Meek. 2,003,720; June 4.
- Closure guide. J. Ritter, Jr. 2,001,157; May 14.
- Closure, Jar. R. D. Elliott. 1,996,411; Apr. 2.
- Closure means for a transformer casing. J. R. Gaston. 1,988,589; Jan. 22.
- Closure means for vacuum flasks and the like. E. K. A. Berglund. 2,011,140; Aug. 13.
- Closure means for vertical coking retorts. G. Goetz. 1,994,129; Mar. 12.
- Closure mechanism for the discharge openings of concrete mixer drums. C. F. Ball. 2,006,206; June 25.
- Closure member. W. G. Miller. 2,019,084; Oct. 29.
- Closure, Nonrefillable. A. Tivoli. 1,994,625; Mar. 19.

- Closure operating mechanism. C. C. and M. M. Cook. 2,000,479; May 7.
- Closure operator. C. A. Diller. 1,996,860; Apr. 9.
- Closure operator. R. C. Osgood. 2,019,502; Nov. 5.
- Closure parts to eliminate waste, Making. R. B. Bukolt. 2,016,225; Oct. 1.
- Closure, Receptacle. W. Kaufman. 2,016,440; Oct. 8.
- Closure retaining device. S. De Orlow. 1,995,472; Mar. 26.
- Closure structure for containers. J. W. Shera. 1,997,203; Apr. 9.
- Closure structure for metallic containers. J. W. Shera. 1,997,202; Apr. 9.
- Closure, Thief and fool-proof. J. R. Boyd. 1,995,960; Mar. 26.
- Closure top for containers. W. F. Punte. 2,026,432; Dec. 31.
- Closure, Valved. D. M. Gunn. 1,992,067; Feb. 19.
- Closures, Method and apparatus for applying. C. H. Brinton. 2,011,142; Aug. 13.
- Closures, Method and machine for making flexible. E. H. Binns and W. A. DeHart. 2,026,413; Dec. 31.
- Closures to bottles and other containers, Method and apparatus for applying sealing. H. F. Glunz. 2,013,304; Sept. 3.
- Cloth and similar material, Device for measuring lengths of. A. Abel. 2,022,451; Nov. 26.
- Cloth, Apparatus for marking. R. K. Smith. 1,999,063; Apr. 23.
- Cloth, Body. O. E. Diemer. 1,999,753; Apr. 30.
- Cloth cutting machine. J. B. Gury, Jr. 2,010,514; Aug. 6.
- Cloth drying and spreading machine. B. A. Parkes. 1,997,636; Apr. 16.
- Cloth feeding mechanism for bag forming device. W. M. Ingram. 1,996,204; Apr. 2.
- Cloth feeding mechanism for combination tea bag machines. L. Hirschhorn and H. Irmischer. 2,015,852; Oct. 1.
- Cloth finishing. S. L. Cluett. 1,992,194; Feb. 26.
- Cloth finishing. S. L. Cluett. 2,005,517; June 18.
- Cloth finishing machine. J. F. Bannon. 2,006,533; July 2.
- Cloth finishing, Mechanism for. S. L. Cluett. 1,997,483; Apr. 9.
- Cloth laying machine. S. M. Bloch. 1,999,276; Apr. 30.
- Cloth or mop holder. C. Wiemer. 2,014,755; Sept. 17.
- Cloth preshrinking machine. L. L. De Smet. 1,988,376; Jan. 15.
- Cloth rewinder and measurer. P. E. Raymond. 2,010,891; Aug. 13.
- Cloth roll winder, Automatic. P. H. Quick and E. W. Simpson. 1,986,746; Jan. 1.
- Cloth screening apparatus, Plural. F. P. Nickerson. 1,997,740; Apr. 16.
- Cloth shrinking machine. B. J. Shaw. 1,988,519; Jan. 22.
- Cloth shrinking machine. B. J. Shaw. 2,005,352; June 18.
- Cloth spreader or expander. C. W. Shute. 2,022,258; Nov. 26.
- Clothes drier. E. C. Firle. 2,022,712; Dec. 3.
- Clothes drier. J. Sekavec. 2,011,504; Aug. 13.
- Clothes drying apparatus. J. T. Hume. 2,017,802; Oct. 15.
- Clothes drying apparatus. W. H. Yandell. 1,993,201; Mar. 5.
- Clothes hanger. E. C. Beard. 2,002,001; May 21.
- Clothes hanger. I. N. Morinville. 2,014,340; Sept. 10.
- Clothes hanger. J. Obrow. 2,015,281; Sept. 24.
- Clothes hanger. C. H. Thompson. 1,999,310; Apr. 30.
- Clothes hanger attachment. G. C. Linney. 2,025,291; Dec. 24.
- Clothes hanger support. E. Haymond. 1,995,980; Mar. 26.
- Clothesline. J. H. Klammer and E. Nyborg. 1,990,235; Feb. 5.
- Clothesline attachment. H. Harders. 2,021,779; Nov. 19.
- Clothesline attachment with indoor swinging arm. L. B. Wolff. 1,990,888; Feb. 12.
- Clothesline equipment. G. A. Potts and J. W. Potts. 2,016,873; Oct. 8.
- Clothesline ring. T. Dossey. 2,002,435; May 21.
- Clothesline support. A. A. Perry. 2,008,467; July 16.
- Clothespin. F. R. Anderson. 2,009,991; Aug. 6.
- Clothespin. E. L. Andrews. 2,019,380; Oct. 29.
- Clothespin. E. S. Gardner. 1,992,863; Feb. 26.
- Clothespin package. N. G. Begle. 2,008,539; July 16.
- Clothes pounder. E. Eberhard. 2,025,654; Dec. 24.
- Clothesrack. M. J. Brown. 2,016,313; Oct. 8.
- Clothes spinner. R. H. Jordan and P. E. Hochstetter. 2,004,064; June 4.
- Clothes washing machine. P. E. Geldhof. 2,019,076; Oct. 29.
- Clothes washing machine. B. Nefedov. 1,995,998; Mar. 26.
- Clothing against damage by insects and the means thereof, Protecting. P. Mucha. 2,017,159; Oct. 15.
- Clothing, Apparatus for pressing. S. H. MacFarland. 2,005,435; June 18.
- Clothing, Buoyant. W. Milne. 2,019,086; Oct. 29.
- Clothing container. E. A. Miller. 2,002,246; May 21.
- Clothing, Device for and method of protecting. M. V. Davis. 1,996,367; Apr. 2.
- Clothing, Production of card. H. G. Marchant. 1,992,384; Feb. 26.
- Cloths or wire fabrics, Making endless metal. H. Kurtz. 2,020,894; Nov. 12.
- Club, Humane police. B. Schulz. 1,986,682; Jan. 1.
- Clutch: See—
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| Automatic accelerating clutch. | Hydraulic clutch. |
| Automatic clutch. | Keyboard clutch. |
| Automatic friction clutch. | Overrunning clutch. |
| Centrifugal clutch. | Power clutch. |
| Engine clutch. | Power-operated clutch. |
| Fluid clutch. | Servo-clutch. |
| Free wheeling clutch. | Switch clutch. |
| Friction clutch. | Synchronizing clutch. |
| | Transmission clutch. |
- Clutch. H. D. Church. 2,018,834; Oct. 29.
- Clutch. H. D. Colman. 2,013,649; Sept. 10.
- Clutch. E. F. Dickieson, Jr. 1,989,404; Jan. 29.
- Clutch. T. L. Fawick. 2,020,637; Nov. 12.
- Clutch. J. O. Fink. 2,010,181; Aug. 6.
- Clutch. F. C. Fisher. 2,002,979; May 28.
- Clutch. W. A. Geiger. 1,988,590; Jan. 22.
- Clutch. A. J. Hartley. 2,002,943; May 28.
- Clutch. F. S. Kingston. 1,987,194; Jan. 8.
- Clutch. H. W. Krag. 2,008,023; July 16.
- Clutch. E. W. Larsen. 2,002,699; May 28.
- Clutch. S. S. Laughlin. 2,023,689; Dec. 10.
- Clutch. P. E. Matthews. 2,009,507; July 30.
- Clutch. A. J. Meyer. 1,999,510; Apr. 30.
- Clutch. A. J. Meyer. 2,004,291; June 11.
- Clutch. A. J. Meyer. 2,009,558; July 30.
- Clutch. F. E. Munschauer. 2,004,794; June 11.
- Clutch. M. L. Norris. 2,000,713; May 7.
- Clutch. W. C. Osterholm. 2,010,885; Aug. 13.
- Clutch. W. C. Osterholm. 2,021,921; Nov. 26.
- Clutch. W. J. Pearmain. 1,988,748; Jan. 22.
- Clutch. W. J. Pearmain. 2,001,395; May 14.
- Clutch. W. L. Schellenbach. 2,016,806; Oct. 8.
- Clutch. M. Smith. 2,014,990; Sept. 17.
- Clutch. C. B. Spase. 1,991,709; Feb. 19.
- Clutch. J. W. Tatter. 2,002,841; May 28.
- Clutch. J. W. Tatter. 2,014,362; Sept. 10.
- Clutch. F. C. Thompson. 2,024,486; Dec. 17.
- Clutch. E. V. J. Tower. 1,993,124; Mar. 5.
- Clutch. C. R. Wasiege. 2,020,748; Nov. 12.
- Clutch. E. E. Wemp. 2,021,973; Nov. 26.
- Clutch. W. W. Willoughby. 1,999,523; Apr. 30.
- Clutch actuating mechanism, Combined automatic and manually operable. A. Parker-Smith. 2,012,636; Aug. 27.
- Clutch and brake control device. F. J. Rode and M. R. Hatch. 2,009,301; July 23.
- Clutch and brake mechanism. H. M. Stoller and E. R. Moroton. 2,019,638; Nov. 5.
- Clutch and brake mechanism for presses, Fluid controlled and other machinery. W. Klocke and L. H. Carter. 2,023,597; Dec. 10.
- Clutch and brake mechanism for winches. P. Wilsing. 2,003,795; June 4.
- Clutch and means to control its operation, One-way free-wheeling. A. Lazzarini. 2,013,413; Sept. 3.
- Clutch and power transmission, Hydraulic. A. E. Hedlund. 2,021,182; Nov. 19.
- Clutch and the like, Friction. J. P. Madden. 1,994,141; Mar. 12.
- Clutch and transmission, Fluid. W. S. Finken. 1,990,067; Feb. 5.
- Clutch and transmission mechanism, Automatic. F. W. Cotterman. 2,021,645; Nov. 19.
- Clutch assembling machine. E. R. Fish. 1,995,738; Mar. 26.
- Clutch assembling tool. H. A. Nelson. 1,986,156; Jan. 1.
- Clutch brake. B. Jenkins. 2,003,198; May 28.
- Clutch control. J. J. Drabin and S. N. Koulichkov. 1,996,282; Apr. 2.
- Clutch control apparatus, Automatic. E. G. Hill. 2,016,999; Oct. 8.
- Clutch control, Automatic. J. W. Colvin. 1,999,284; Apr. 30.
- Clutch control mechanism. H. W. and E. R. Price. 1,996,256; Apr. 2.
- Clutch control mechanism. R. S. Sanford. 2,021,897; Nov. 26.
- Clutch control mechanism. M. Windelinckx. 2,019,752; Nov. 5.
- Clutch control mechanism, Automatic. O. N. Gredell. 1,996,918; Apr. 9.
- Clutch control mechanism, Motor vehicle. E. G. Hill. 2,000,331; May 7.
- Clutch control, Vacuum. R. S. Sanford. 2,008,727; July 23.
- Clutch controlling device. A. H. Wilson. 1,997,444; Apr. 9.
- Clutch controlling mechanism. C. S. Bragg. 2,022,026; Nov. 26.
- Clutch device. G. W. Emrick. 1,988,967; Jan. 22.
- Clutch device, Automatic. H. H. Vail. 2,003,324; June 4.
- Clutch device for motor vehicles. A. G. von Soden-Fraunhofen and A. Maler. 2,001,292; May 14.
- Clutch device for variable speed transmission mechanism. J. Eckhard. 2,004,750; June 11.
- Clutch disk. H. Gottschalk. 2,015,890; Oct. 1.
- Clutch for automobiles, Free-wheeling. F. T. Brown. 2,009,914; July 30.
- Clutch for checkrow cables. J. Wartman. 1,992,406; Feb. 26.

- Clutch for dynamo-electric machines. H. M. Stephenson. 1,988,922; Jan. 22.
- Clutch for electric motors. J. S. Hoddy. 2,012,509; Aug. 27.
- Clutch for heavy leads, Free wheel. C. Penati. 2,019,828; Nov. 5.
- Clutch for marine engines. J. A. Russo. 2,023,772; Dec. 10.
- Clutch for punch presses. E. J. Dreis. 2,003,529; June 4.
- Clutch for punch presses or the like. P. R. Hahnemann and F. E. Munschauer. 2,011,629; Aug. 20.
- Clutch for transmission gears, Synchronizing. J. E. Padgett. 2,014,632; Sept. 17.
- Clutch for window regulators. D. Miller. 1,997,646; Apr. 16.
- Clutch mechanism. P. Bourque. 2,010,796; Aug. 6.
- Clutch mechanism. R. M. Cooper and W. R. Spiller. 2,019,073; Oct. 29.
- Clutch mechanism. A. Y. Dodge. 1,998,659; Apr. 23.
- Clutch mechanism. W. M. Emery. 1,997,682; Apr. 16.
- Clutch mechanism. W. Klocke. 2,014,234; Sept. 10.
- Clutch mechanism. A. J. Meyer and L. P. Kalb. 2,019,153; Oct. 29.
- Clutch mechanism. A. Moorhouse. 2,017,915; Oct. 22.
- Clutch mechanism. J. Nelson. 1,990,201; Feb. 5.
- Clutch mechanism. J. W. Racklyeft. 2,024,947; Dec. 17.
- Clutch mechanism. W. H. Staples. 2,009,031; July 23.
- Clutch mechanism. R. Warren. 1,987,426; Jan. 8.
- Clutch mechanism. R. H. Zeilman. 1,997,806; Apr. 16.
- Clutch mechanism. G. J. Ziegler. 2,001,048; May 14.
- Clutch mechanism. A. J. Zwierzina. 2,001,758; May 21.
- Clutch mechanism, Abruptly releasable. R. M. Nardone. 2,012,087; Aug. 20.
- Clutch mechanism and control for change speed transmissions. L. J. Campbell. 2,015,841; Oct. 1.
- Clutch mechanism, Automatic. E. S. Pleasonton. 2,017,989; Oct. 22.
- Clutch, Mechanism for actuating a friction. K. Maybach. 2,019,617; Nov. 5.
- Clutch mechanism for engine starters. J. W. Fitz Gerald. 2,004,431; June 11.
- Clutch mechanism for outboard transmissions. H. L. Mathias. 2,026,481; Dec. 31.
- Clutch mechanism for vehicle change speed transmission, Synchronizing. J. H. Hunt. 1,987,682; Jan. 15.
- Clutch mechanism, Overrunning. O. E. Fishburn. 2,023,198; Dec. 3.
- Clutch operating mechanism. R. F. Metcalfe. 2,019,315; Oct. 29.
- Clutch operating mechanism. H. Schildknecht. 2,005,269; June 18.
- Clutch operating mechanism. P. L. Tenney. 1,999,262; Apr. 30.
- Clutch operating mechanism. H. T. Thomas. 2,006,753; July 2.
- Clutch operating mechanism. S. S. Varkas. 1,996,532; Apr. 2.
- Clutch or brake, or like mechanism. J. Melling. 2,002,785; May 28.
- Clutch or the like, Mechanism for controlling a. E. E. Wemp. 1,987,648; Jan. 15.
- Clutch plate. L. Blackmore and R. R. Hutchison. 2,008,169; July 16.
- Clutch plate. H. Nutt. 1,992,626; Feb. 26.
- Clutch plate. C. G. Wood. 1,990,683; Feb. 12.
- Clutch release, Hydraulic. C. E. Furgason. 2,002,315; May 21.
- Clutch structure. P. F. Rossmann. 2,008,967; July 23.
- Clutch testing apparatus. J. Q. Holmes. 1,991,672; Feb. 19.
- Clutch throwing mechanism. K. H. Conley. 2,006,913; July 2.
- Clutch-transmission, Automatic hydraulic. M. F. Perry, Jr. 2,025,472; Dec. 24.
- Clutch transmitting element. E. V. J. Tower and L. H. Harris. 1,993,125; Mar. 5.
- Clutch with synchronizing means. J. P. Ruth and G. H. Woelbing. 2,001,892; May 21.
- Clutching device. W. Brase. 2,001,120; May 14.
- Coach, Funeral. J. R. Hughes and C. H. Wondries. 1,996,420; Apr. 2.
- Coating elements, Lockingly engaging. F. E. Stahl. 2,025,556; Dec. 24.
- Coagulant composition. E. A. Willson. 1,996,090; Apr. 2.
- Coal and other carbonaceous material in situ, Degasifying. L. Ranney. 1,992,323; Feb. 26.
- Coal and product, Treating. N. Cunningham and C. L. Peck. 1,988,999; Jan. 22.
- Coal and similar carbonaceous substances, Apparatus for the distillation of. C. H. Parker and J. P. Postlethwaite. 2,014,583; Sept. 17.
- Coal, Apparatus for dry cleaning of. E. O'Tool, Sr. 2,009,273; July 23.
- Coal bagging machine. B. W. Kellett. 2,000,848; May 7.
- Coal breaking and dislodging apparatus. C. P. Baldwin. 2,026,296; Dec. 31.
- Coal briquette. J. A. Erickson. 2,011,971; Aug. 20.
- Coal, Briquetting. R. J. Piersol. 2,021,020; Nov. 12.
- Coal, Cleaning and sizing of. A. F. Nesbit. 2,003,899; June 4.
- Coal cleaning device. J. McGrew. 1,996,821; Apr. 9.
- Coal cubing machine. D. A. Row. 2,007,771; July 9.
- Coal cutter and like machinery. H. Wilson. 1,997,093; Apr. 9.
- Coal distillation plants, Operation of. S. P. Miller. 2,016,751; Oct. 8.
- Coal feeder, Fine. C. Scholz. 1,993,249; Mar. 5.
- Coal for market, Preparing. N. Cunningham. 1,995,603; Mar. 26.
- Coal in a chamber oven; retorts and the like, Process and apparatus for compressing. H. Petsch. 2,002,614; May 28.
- Coal, Method of and apparatus for cleaning. J. H. Dickerson. 2,022,588; Nov. 26.
- Coal, Method of and apparatus for sampling anthracite. A. N. Brooks. 2,006,066; June 25.
- Coal milling machine. F. B. Yingling. 1,996,135; Apr. 2.
- Coal mining machine. F. B. Yingling. 1,998,180; Apr. 16.
- Coal mining machine. F. B. Yingling. 2,010,449; Aug. 6.
- Coal mining machinery. F. B. Yingling. 2,006,379; July 2.
- Coal or other carbonaceous material, Apparatus for distilling. F. Puening. 1,996,650; Apr. 2.
- Coal pillars, Apparatus for cutting. J. R. Lawson. 1,998,877; Apr. 23.
- Coal, Processing. H. Stevens. 1,993,756; Mar. 12.
- Coal sludge, Dewatering. J. A. Shaw. 1,986,897; Jan. 8.
- Coal treating process and compound. J. C. Nelms. 2,016,821; Oct. 8.
- Coal within oven chambers, Charging and compressing loosely charged. C. Still. 2,014,400; Sept. 17.
- Coals, Coking of. W. Fitz and J. Daniels. 2,018,664; Oct. 29.
- Coals for carbonizing and coking processes, Thermal pretreatment of volatile. C. B. Wisner. 1,993,198; Mar. 5.
- Coaster. S. J. Low. 2,004,166; June 11.
- Coaster. V. Tenney. 2,014,268; Sept. 10.
- Coasting device for automobiles or other vehicles, Automatically controlled. G. H. Taber. 2,018,425; Oct. 22.
- Coat. I. Kirschenbaum. 1,993,705; Mar. 5.
- Coat. O. F. Weisend. 2,013,324; Sept. 3.
- Coat and hat hanger. W. E. Stinson. 1,990,211; Feb. 5.
- Coat hanger. W. Backer. 2,023,392; Dec. 3.
- Coat sleeves, Designing and constructing. L. E. Pilla. 1,986,217; Jan. 1.
- Coated article and making same. J. Errante. 1,989,089; Jan. 29.
- Coated article and making same. N. D. Hanson. 2,010,857; Aug. 13.
- Coated elements, Producing. J. E. Smith. 1,987,915; Jan. 15.
- Coated welding rod. W. B. Miller. 2,024,991; Dec. 17.
- Coating. E. H. Bucy. 2,015,252; Sept. 24.
- Coating. T. J. Fairley. 1,986,049; Jan. 1.
- Coating. N. E. McCulloch and O. G. Thayer. 2,014,947; Sept. 17.
- Coating and applying the same, Finishing. W. H. Nutting. 2,011,182; Aug. 13.
- Coating and filming machine. A. M. Parks. 2,022,733; Dec. 3.
- Coating and plastering machine. H. A. Conley. 1,997,897; Apr. 16.
- Coating apparatus. A. Gerstenberg. 1,993,055; Mar. 5.
- Coating apparatus. J. B. Hadaway. 1,996,067; Apr. 2.
- Coating apparatus. D. G. Lantz. 1,987,198; Jan. 8.
- Coating apparatus. W. L. MacKenzie. 2,022,777; Dec. 3.
- Coating apparatus. G. A. Miner. 1,993,718; Mar. 5.
- Coating apparatus. S. C. Porter. 2,002,507; May 28.
- Coating apparatus. G. Seibt. 1,998,060; Apr. 16.
- Coating, Apparatus for. P. A. Raiche. 1,991,118; Feb. 12.
- Coating, Apparatus for. C. B. Strauch. 2,016,060; Oct. 1.
- Coating, Cellulose acetate protective. E. E. Richardson and C. J. Staud. 2,017,165; Oct. 15.
- Coating composition. H. A. Bruson. 1,987,570; Jan. 8.
- Coating composition. R. T. K. Cornwell. 1,997,106; Apr. 9.
- Coating composition. A. P. Furman. 1,992,202; Feb. 26.
- Coating composition. I. W. Humphrey. 1,999,812; Apr. 30.
- Coating composition. W. E. Lawson. 2,015,078; Sept. 24.
- Coating composition. O. McDaniel. 2,021,131; Nov. 19.
- Coating composition. E. G. Peterson. 2,022,149; Nov. 26.
- Coating composition. L. E. Seng. 1,988,921; Jan. 22.
- Coating composition. J. H. Swan 3d. 2,025,788; Dec. 31.
- Coating composition. E. K. Zimmerman. 1,990,811; Feb. 12.
- Coating composition and making same. A. M. Collins. 2,008,746; July 23.
- Coating composition and preparing same. W. E. B. Baker. 2,024,123; Dec. 10.
- Coating composition and preparing same. R. L. Sibley. 2,022,302; Nov. 26.
- Coating composition, Enamel-like. J. W. Iliff and T. Robinson. 1,986,930; Jan. 8.
- Coating composition, Light colored. P. Robinson and B. E. Sorenson. 1,989,711; Feb. 5.
- Coating composition, Liquid. H. Heckel. 2,001,422; May 14.
- Coating composition, Protective. R. D. Bonney and W. S. Egge. 2,013,336; Sept. 3.
- Coating composition, Resinous. H. H. Hopkins. 2,018,557; Oct. 22.
- Coating composition retaining flexibility and antioxidant therefor. J. K. Hunt. 1,985,896; Jan. 1.
- Coating composition, Rust-resisting. H. O. Albrecht. 1,995,954; Mar. 26.

- Coating compositions, Flexible. R. T. K. Cornwell. 1,989,683; Feb. 5.
- Coating compositions, Preparation of. R. L. Sibley. 2,022,301; Nov. 26.
- Coating device. F. P. Carlson. 2,001,091; May 14.
- Coating device. W. F. Hatner. 2,007,015; July 2.
- Coating for insulated wires. C. S. Gordon. 2,008,277; July 16.
- Coating for medical compound. G. C. Miller. 2,011,587; Aug. 20.
- Coating for metals, Protective. B. Bannister. 1,986,704; Jan. 1.
- Coating for vessels. R. C. Powell. 2,013,185; Sept. 3.
- Coating, Hard rubber. L. B. Haines. 2,023,582; Dec. 10.
- Coating, impregnating, laminating, and the like, Apparatus for. R. S. Phillips and R. G. Carlin. 1,990,749; Feb. 12.
- Coating liquids such as paints, varnishes, or the like, Applying. H. Steinhart, F. Kratz, and E. Baumgratz. 2,013,640; Sept. 3.
- Coating machine. N. L. Dolbey. 1,990,584; Feb. 12.
- Coating machine. R. J. and G. A. Hutt. 1,986,062; Jan. 1.
- Coating machine. A. S. Johnson. 1,986,822; Jan. 8.
- Coating material. A. L. Kronquest and S. C. Robison. 2,009,776-8; July 30.
- Coating material and process. D. W. Hansen. 1,992,122; Feb. 19.
- Coating means and mechanism. M. F. Holt and S. N. Lipowski. 2,012,816; Aug. 27.
- Coating method and apparatus. J. N. Tuttle. 2,011,328; Aug. 13.
- Coating, Method of. A. O. Austin. 2,011,135; Aug. 13.
- Coating mixture for pack rolling. M. J. Stoops. 2,008,880; July 23.
- Coating of carbides, Protective. J. A. Zublin. 2,021,040; Nov. 12.
- Coating of paper. J. D. Murray. 2,000,347; May 7.
- Coating process. N. L. Dolbey. 1,990,583; Feb. 12.
- Coating process. W. H. Smith. 2,007,221; July 9.
- Coating, Surface. F. K. Shankweiler. 1,998,099; Apr. 16.
- Coating the ends of a number of articles, Apparatus for simultaneously. W. R. Weeks. 1,988,990; Jan. 22.
- Coating to a filament or wire, Applying a fibrous. E. H. Lewis and B. W. Luffenberger. 1,990,337; Feb. 5.
- Coating to a medical preparation, Applying. G. C. Miller. 2,011,586; Aug. 20.
- Coating to articles, Method of and apparatus for applying a. A. E. Collins. 2,016,316; Oct. 8.
- Coating with chromium. E. P. Schreiber. 2,025,528; Dec. 24.
- Coatings and applying and removing, Protective. L. G. Copeman. 2,020,255-6; Nov. 5.
- Coatings and materials coated with same, Water repellent. I. Stone. 2,021,137; Nov. 19.
- Coatings, Apparatus for applying protective. H. A. Conley. 2,004,978; June 18.
- Coatings, Method and apparatus for testing organic. G. R. Hoover and G. E. Shafer. 2,020,891; Nov. 12.
- Coatings, Obtaining emissive. H. J. Spanner and U. Doering. 2,023,707; Dec. 10.
- Coatings on celluloid substitutes, Production of metal. M. Ow-Eschingen. 2,010,805; Aug. 13.
- Coatings on metal surfaces, Producing protective. G. Tichy and H. Klas. 1,991,300; Feb. 12.
- Coatings on metals, Applying. K. Moers. 1,987,576; Jan. 8.
- Coatings, Producing moistureproof and air tight. W. J. H. Hinrichs and H. Wittkowski. 2,003,192; May 28.
- Coatings, Treatment of. M. Tosterud. 2,008,733; July 23.
- Cobalt-tungsten-iron alloy. W. Köster. 2,011,976; Aug. 20.
- Cock. R. Fennema. 2,009,358; July 23.
- Cock, Ball. M. D. Helfrich. 1,999,904; Apr. 30.
- Cock, Ball. M. D. Helfrich. 2,012,760; Aug. 27.
- Cock device, Angle. C. C. Farmer. 2,009,844; July 30.
- Cock device, Angle. A. A. Mackert. 1,998,283; Apr. 16.
- Cock, Draining. F. Hartke. 2,016,997; Oct. 8.
- Cock for coffee making machines. E. Donn. 1,988,545; Jan. 22.
- Cock for gas ranges and the like. H. Guhl. 2,019,007; Oct. 29.
- Cock for gas stoves. R. D. McIntosh. 1,992,901; Feb. 26.
- Cock for hydrotherapy, Mixing and distributing. M. Théodorides. 1,992,104; Feb. 19.
- Cock, Gas. T. T. Arden. 1,998,649; Apr. 23.
- Cock, Gas. J. H. Grayson. 1,987,618; Jan. 15.
- Cock, Gas. G. Herbster. 2,020,414; Nov. 12.
- Cock, Gas. E. E. Meusy. 1,996,164; Apr. 2.
- Cock guide for metallic casks, etc. R. Schubnel. 1,998,740; Apr. 23.
- Cock, Lubricated. R. Fennema. 2,013,342; Sept. 3.
- Cock or the like. Gas. L. B. Brabant. 2,015,918; Oct. 1.
- Cock, Pilot regulating. T. H. Roberts. 2,018,034; Oct. 22.
- Cock, Slur. O. Schletter. 2,025,130; Dec. 24.
- Cock, Straight way. F. Hartke. 2,016,998; Oct. 8.
- Cock with relief valve, Automatic cylinder. A. G. Hollingshead and C. W. Ploen. 2,004,097; June 11.
- Cocoa, Producing soluble. G. O. Gutekunst. 2,014,342; Sept. 10.
- Code of keys for cylinder locks, Apparatus for determining. H. Hansen. 1,991,151; Feb. 12.
- Coding apparatus. W. P. Simpson. 2,010,610; Aug. 6.
- Coffee and product, Making soluble. W. A. Heyman. 2,022,467; Nov. 26.
- Coffee and the like, Device for making. E. R. Millis. 2,017,701; Oct. 15.
- Coffee, Apparatus for packing. D. R. McLain and H. Simmonds, Jr. 1,991,564; Feb. 19.
- Coffee, Apparatus for roasting. L. S. Maede. 2,002,094; May 21.
- Coffee dispenser. S. Biazzi and A. Moschetti. 1,999,624; Apr. 30.
- Coffee extracting device. I. H. Peirce. 1,994,323; Mar. 12.
- Coffee filter. P. Edtbauer. 1,991,198; Feb. 12.
- Coffee free from caffeine, Making. F. M. Meijer. 2,007,405; July 9.
- Coffee free from caffeine, Producing. T. Grethe. 2,016,634; Oct. 8.
- Coffee maker. J. T. H. Dempster. 2,011,397; Aug. 13.
- Coffee maker. R. C. Hillseth. 2,024,859; Dec. 17.
- Coffee maker. F. E. Wolcott. 2,015,983; Oct. 1.
- Coffee maker, Automatic electric drip. A. C. Wilcox. 1,990,508; Feb. 12.
- Coffee maker, Automatic electric drip. A. C. Wilcox. 2,018,695; Oct. 29.
- Coffee maker, Electric. J. Petrone. 2,013,172; Sept. 3.
- Coffee maker, One cup. R. H. Wentorf. 2,000,309; May 7.
- Coffee making apparatus. A. F. Fisher and H. H. Schott. 2,011,102; Aug. 13.
- Coffee making apparatus. I. D. Richheimer. 2,025,333; Dec. 24.
- Coffee, Making caffeine-free. J. MacLang. 2,023,333; Dec. 3.
- Coffee, Making cereal. A. Kloss. 2,000,450; May 7.
- Coffee making machine. H. Harper and C. R. Carpenter. 2,016,281; Oct. 8.
- Coffee measuring and dispensing device. F. R. Westwood and W. W. Landrum. 1,989,221; Jan. 29.
- Coffee, Packaging. R. B. McKinnis. 2,009,321; July 23.
- Coffee, Packing. J. E. Töne. 1,992,556; Feb. 26.
- Coffepot. C. Rottum. 2,008,156; July 16.
- Coffee pot. G. F. Spalding. 2,020,859; Nov. 12.
- Coffepot, Drip. W. von Nessen. 1,998,645; Apr. 23.
- Coffepot, Electric. A. D. Olds. 1,998,732; Apr. 23.
- Coffepot, Electric. A. D. Olds. 2,025,302; Dec. 24.
- Coffee preserver. M. Strosk. 2,002,420; May 21.
- Coffee, Processing. P. T. Clary. 2,017,892; Oct. 22.
- Coffee resistant to urn deterioration. E. R. Nielsen. 2,007,340; July 9.
- Coil. G. F. Zellhoefer. 2,014,919; Sept. 17.
- Coil antenna, Direction finding. A. Leib. 2,003,375; June 4.
- Coil assembly, Multiple. W. D. Loughlin and P. O. Farnham. 1,989,205; Jan. 29.
- Coil, Blowout. J. F. Trille. 1,988,927; Jan. 22.
- Coil changing device. E. R. Pfaff, C. L. Coon, and G. Roethel, Jr. 1,986,525; Jan. 1.
- Coil electromechanical device, Moving. A. D. Blumlein and H. E. Holman. 2,016,622; Oct. 8.
- Coil electromechanical device, Moving. A. D. Blumlein and H. E. Holman. 2,024,271; Dec. 17.
- Coil for boilers. G. F. Crosiar. 2,016,276; Oct. 8.
- Coil, Freezing. J. R. Replogle. 1,987,707; Jan. 15.
- Coil handling method and apparatus. T. R. Moxley. 1,990,081; Feb. 5.
- Coil, High frequency induction heating. J. Hirmann. 1,988,384; Jan. 15.
- Coil, Inductance. M. Osnos. 2,006,406; July 2.
- Coil, Induction. V. W. Thomas. 2,014,540; Sept. 17.
- Coil spring. H. E. White. 2,026,007; Dec. 31.
- Coil testing apparatus. B. J. Haskins. 1,990,487; Feb. 12.
- Coil testing apparatus, Compensated. B. J. Haskins. 1,990,485; Feb. 12.
- Coil turn counter. H. Arber. 2,019,286; Oct. 29.
- Coil, Vibratory. B. M. Leece. 2,009,892; July 30.
- Coil winder. E. Thorne. 1,994,373; Mar. 12.
- Coil winding machine. R. H. Burns. 2,014,833; Sept. 17.
- Coil winding machine. E. W. Collins. 1,995,916; Mar. 26.
- Coil winding machine. L. E. Poole. 1,995,105; Mar. 19.
- Coil winding machine. A. Rittenhouse. 1,995,227; Mar. 19.
- Coiling block. G. L. Winters. 1,986,090; Jan. 1.
- Coils, Apparatus for cleaning. L. D. Lowry. 2,015,566-7; Sept. 24.
- Coils, Making. J. P. Putnam. 2,013,764; Sept. 10.
- Coils, Making coiled. R. H. Beebe. 2,013,432; Sept. 3.
- Coin box for telephones. W. T. Anderson. 1,998,602; Apr. 23.
- Coin collecting apparatus. G. C. Bierstedt and P. E. Mills. 2,006,433; July 2.
- Coin collecting apparatus. P. E. Mills. 2,004,615; June 11.
- Coin collection apparatus. C. J. Patche. 2,014,506; Sept. 17.
- Coin collector. L. H. Chase. 2,021,984; Nov. 26.
- Coin collector. E. H. MacDonald. 1,999,940; Apr. 30.
- Coin collector apparatus. P. E. Mills. 2,022,971; Dec. 3.
- Coin controlled and selecting mechanism. K. C. Bugg. 2,024,717; Dec. 17.
- Coin controlled apparatus. E. L. Lipp. 2,013,160; Sept. 3.
- Coin controlled apparatus. P. E. McGuerty. 1,992,034; Feb. 19.
- Coin controlled apparatus. T. W. B. Watling. 2,015,640; Sept. 24.

- Coin controlled machine. B. S. Watling. 1,990,719; Feb. 12.
- Coin controlled mechanism. W. T. Anderson. 2,013,944; Sept. 10.
- Coin controlled mechanism. B. C. Kenyon, W. W. Boa, and C. H. Green. 1,996,338; Apr. 2.
- Coin controlled mechanism. J. G. Miller. 2,002,123; May 21.
- Coin controlled mechanism. L. H. Morin. 2,015,351; Sept. 24.
- Coin controlled mechanism. M. H. Richardson and A. E. Gebert. 2,010,643; Aug. 6.
- Coin controlled switch. E. L. Lipp. 1,986,478; Jan. 1.
- Coin detection system. H. Hovland. 2,021,308; Nov. 19.
- Coin detector for slot machines. Spurious. C. H. Underwood. 1,993,464; Mar. 5.
- Coin-freed machine. P. S. Harper. 2,025,447; Dec. 24.
- Coin freed substitution for automatic telephone systems. E. Wehren. 2,000,804; May 7.
- Coin inserting mechanism for coin controlled vending apparatus. O. Sjuve. 2,022,944; Dec. 3.
- Coin mechanism for gas and electricity meters and the like. E. W. Smith and A. Charles. 1,988,054; Jan. 15.
- Coin receptacle cover. J. K. Jackson. 2,009,085; July 23.
- Coin register. H. Giles. 1,986,771; Jan. 1.
- Coin selector. G. S. Brodd. 2,000,462; May 7.
- Coin selector. G. M. D. Johns. 2,000,519; May 7.
- Coin slide. H. G. Breitenstein. 1,993,206; Mar. 5.
- Coin slide. H. G. Breitenstein. 2,004,189; June 11.
- Coin slide. G. O. Leggett. 2,020,148; Nov. 5.
- Coin slide for coin controlled machines. C. H. Curtis. 2,026,081; Dec. 31.
- Coin slide structure. L. M. Hall. 2,010,360; Aug. 6.
- Coin testing device. E. Graf. 2,003,771; June 4.
- Coins. Device for rejecting spurious. C. H. Underwood. 1,993,465; Mar. 5.
- Coke and recovery of by-products therefrom. Apparatus for production of. Z. H. Kevorkian. 1,993,934; Mar. 12.
- Coke oven battery, Regenerative. F. Totzek. 1,986,904; Jan. 8.
- Coke oven machine. C. E. Underwood. 1,996,265; Apr. 2.
- Coke, Treating. A. R. Powell. 1,989,526; Jan. 29.
- Coking apparatus. F. Puening. 1,996,649; Apr. 2.
- Coking apparatus. F. Puening. 1,996,651; Apr. 2.
- Cold cathode discharge tube. H. J. Spanner and E. Germer. 1,993,187; Mar. 5.
- Cold control for refrigerating units. H. F. MacGrath. 1,989,144; Jan. 29.
- Cold heading, Method of. A. T. Siviter. 2,001,981; May 21.
- Cold holder and making the same. R. P. La Porte. 1,990,738; Feb. 12.
- Cold pack. C. F. Slater. 2,011,832; Aug. 20.
- Cold press. W. L. Clouse. 2,017,784; Oct. 15.
- Cold strip rolling mill. H. A. Winne. 1,988,930; Jan. 22.
- Cold weather tube. L. L. Beck. 1,994,381; Mar. 12.
- Collapsible bag. A. H. Short. 2,016,520; Oct. 8.
- Collapsible box. W. P. Frankenstein. 1,993,323; Mar. 5.
- Collapsible box. S. Hoffman. 2,023,886; Dec. 10.
- Collapsible box. S. J. Klein. 2,006,952; July 2.
- Collapsible box. A. L. Whitton. 2,014,543; Sept. 17.
- Collapsible chair. A. Beeskow. 2,006,823; July 2.
- Collapsible chair. H. L. La Fetra. 2,023,234; Dec. 3.
- Collapsible container. G. Di Mauro. 2,000,067; May 7.
- Collapsible container. H. W. Hatten. 2,020,834; Nov. 12.
- Collapsible container. B. B. Leustig. 2,015,601; Sept. 24.
- Collapsible container. V. R. Scott. 2,010,441; Aug. 6.
- Collapsible container. D. G. Scramton. 2,019,636; Nov. 5.
- Collapsible container. A. Stone. 1,995,950; Mar. 26.
- Collapsible insect screen. C. F. Mithaler. 2,014,336; Sept. 10.
- Collapsible miter box. R. R. Seft. 2,004,475; June 11.
- Collapsible mold. C. G. Richards. 1,997,232; Apr. 9.
- Collapsible receptacle. F. Mailgraf. 2,019,231; Oct. 29.
- Collapsible support. G. H. Webb. 1,995,163; Mar. 19.
- Collapsible table. W. B. King. 1,994,364; Mar. 12.
- Collapsible tube. E. B. Flagg. 2,014,066; Sept. 10.
- Collapsible tube. G. W. Johnson. 2,021,653; Nov. 19.
- Collapsible tube. L. Lombi. 2,008,216; July 16.
- Collapsible tube. H. Mock. 1,990,560; Feb. 12.
- Collapsible tube. J. B. Roerig. 2,015,287; Sept. 24.
- Collapsible tube container. B. F. Bergman. 1,997,962; Apr. 16.
- Collapsible tube holder. E. J. Mills. 2,008,462; July 16.
- Collapsible tube, Self-sealing. R. D. Gray. 2,015,794; Oct. 1.
- Collar. E. Lind and D. Feigenbaum. 2,005,943; June 25.
- Collar. L. H. Weinstein. 1,994,600; Mar. 19.
- Collar and method. I. Greif. 2,007,014; July 2.
- Collar and shirt support. E. W. Brandenburg. 2,019,521; Nov. 5.
- Collar and stay therefor. M. Robbins. 2,014,952; Sept. 17.
- Collar band for shirts, Adjustable. W. Rubinstein. 2,022,605; Nov. 26.
- Collar bar. E. S. Mix. 1,996,024; Mar. 26.
- Collar bar and necktie ornament, Combined. S. R. Hickok. 2,022,346; Nov. 26.
- Collar flap and necktie holder. J. A. Drinkwater. 1,991,797; Feb. 19.
- Collar for personal wear. J. T. D. McNicol. 2,001,883; May 21.
- Collar holder. A. M. Cole and H. J. Rivers. 2,016,959; Oct. 8.
- Collar, neckband, or other garment part. E. Lind and D. Feigenbaum. 1,995,187; Mar. 19.
- Collar protecting device. W. J. Lanyon. 2,001,617; May 14.
- Collar, Shirt. G. A. Ripley. 1,994,787-8; Mar. 19.
- Collar-stay. H. T. Krick. 2,004,288; June 11.
- Collar stiffener. J. Esposito. 1,992,364; Feb. 26.
- Collar support. A. P. Herrlinger. 2,006,201; June 25.
- Collar support. M. G. Worthingham. 1,998,151; Apr. 16.
- Collar support and protector, Shirt. A. J. Brooks and E. A. Laskey. 2,022,401; Nov. 26.
- Collar tab holder. P. Beghetti. 1,995,021; Mar. 19.
- Collar, Turn down. R. C. Campbell. 2,021,833; Nov. 19.
- Collecting machine for battery plates. G. N. Goodrich and C. G. Keetz. 1,993,370; Mar. 5.
- Collector. H. J. L. Frank and W. A. Harper. 2,007,893; July 9.
- Collector contact for electrical distribution system. H. J. L. Frank. 2,014,929; Sept. 17.
- Collector for fuller's earth. B. Manross. 2,000,971; May 14.
- Collet. G. Laughlin. 2,018,452; Oct. 22.
- Collet. D. H. Montgomery. 2,012,826; Aug. 27.
- Colloid mill. C. P. Tolman. 1,987,724; Jan. 15.
- Colloid mill. C. P. Tolman. 1,993,762; Mar. 12.
- Colloidal dispersions of metals in oils and products thereof. Obtaining. J. C. Bird. 2,021,885; Nov. 26.
- Colloidal solution of iodine. Stable. W. M. Malisoff. 2,022,729; Dec. 3.
- Colloidal substances from liquids of vegetable or animal origin. Removing. J. Dédek and J. Vašatko. 2,007,424; July 9.
- Colloidal suspension suitable for insecticides. E. C. Large. 2,014,139; Sept. 10.
- Color and producing same. Protein food. H. E. Allen and A. G. McCaleb. 2,021,621; Nov. 19.
- Color and shade comparator. C. E. Hays. 2,015,675; Oct. 1.
- Color cinematography. H. D. Murray and D. A. Spencer. 1,997,648; Apr. 16.
- Color comparator, Photo-electric. C. G. Stone and A. Edelman. 2,020,281; Nov. 5.
- Color component images, Differential treatment of. L. D. Mannes and L. Godowsky, Jr. 2,019,718; Nov. 5.
- Color composition. F. D. Snell and A. H. P. O'Connor. 1,991,872; Feb. 19.
- Color effect in paper. Apparatus for producing. J. A. Rosmait. 1,996,832; Apr. 9.
- Color effects. Apparatus for comparing. H. H. Sheldon. 2,022,326; Nov. 26.
- Color harmonizing apparatus. E. D. Timms. 1,986,127; Jan. 1.
- Color in television, Producing. R. H. Worrall. 2,002,515; May 28.
- Color lake. W. S. Calcott, P. W. Carleton, and H. I. Stryker. 1,999,395; Apr. 30.
- Color luminous device, Variable. P. L. Spencer. 1,991,775; Feb. 19.
- Color material and making same. H. T. Neumann. 2,007,980; July 16.
- Color matrix. Producing an oleaginous. O. Bratke. 1,991,048; Feb. 12.
- Color of cellulose derivatives, Improving the. C. Dreyfus and L. N. Lee. 1,996,754; Apr. 9.
- Color photography. L. D. Mannes and L. Godowsky, Jr. 1,997,493; Apr. 9.
- Color photography and projection, Method and apparatus for. L. M. Dieterich. 1,990,529; Feb. 12.
- Color, plastic, and coating compositions. L. C. Daniels and A. O. Jaeger. 1,990,818; Feb. 12.
- Color positives, Production of photographic and cinematographic. J. E. Thornton. 2,018,196; Oct. 22.
- Color projecting attachment for electric lights. R. E. Jones and D. A. Elliott. 1,990,287; Feb. 5.
- Color reproduction. Photomechanical. A. Murray. 2,008,290; July 16.
- Color-selection positives for color and multicolor printing, Production of corrected. L. O. van Straaten. 2,007,316; July 9.
- Color separation for composite motion pictures. F. W. Jackman. 2,013,886; Sept. 10.
- Color system. Additive fixed filter. W. A. Kosken. 2,004,442; June 11.
- Color values, Device for grading. A. E. O. Munsell and W. T. Sperry. 2,009,943; July 30.
- Colors. Apparatus for the comparison of. H. H. Sheldon. 2,022,327; Nov. 26.
- Colorations on materials made of or containing organic derivatives of cellulose, Production of. H. C. Olpin and G. H. Ellis. 2,010,883; Aug. 13.
- Colorations on materials, Production of. G. H. Ellis. 1,991,886; Feb. 19.
- Colored compounds and the product thereof, Manufacture of. J. F. Thorpe and R. P. Linstead. 2,000,052; May 7.
- Colorimetric method and apparatus adapted for gas mixing control. E. X. Schmidt. 2,002,279; May 21.
- Coloring light formed images. L. J. Leishman. 2,010,307; Aug. 6.
- Coloring material comprising an azo compound and a naphthenate as a substratum, Organic. A. M. Erskine. 2,013,092; Sept. 3.
- Coloring material comprising an azo compound and a petroleum sulphonate as the substratum, Organic. A. M. Erskine and A. Siegel. 2,013,091; Sept. 3.

- Coloring material comprising an azo compound and an arylated rosin as the substratum, Organic. A. Siegel. 2,013,075; Sept. 3.
- Coloring material comprising an azo compound and chlorinated rosin as a substratum, Organic. A. Siegel. 2,013,076; Sept. 3.
- Coloring material comprising an azo compound and natural gums and balsams as a substratum, Organic. W. N. Headley and A. Siegel. 2,013,099; Sept. 3.
- Coloring material comprising an azo compound and nitro rosin as a substratum, Organic. A. Siegel. 2,013,077; Sept. 3.
- Coloring material comprising an azo compound and oxidized rosin as a substratum, Organic. A. Siegel. 2,013,074; Sept. 3.
- Coloring material comprising azo compounds and hydrogenated rosins, Organic. A. M. Erskine and A. Siegel. 2,013,090; Sept. 3.
- Coloring materials comprising azo compounds and sulphonated derivatives of pyrogenic decomposition products of rosin, Organic. E. R. Allen, W. N. Headley, and A. Siegel. 2,013,084; Sept. 3.
- Column. G. B. Coubrough. 1,987,097; Jan. 8.
- Column. G. B. Coubrough. 1,988,188; Jan. 15.
- Column and making the same, Built-up. G. H. Dean. 2,007,597; July 9.
- Column register for calculating machines. H. A. Foot-horap. 1,994,639; Mar. 19.
- Column, Sectional fractionating. P. J. Wlezevich. 2,007,117; July 2.
- Columnar structures, Making. V. F. Hammel. 1,998,367; Apr. 16.
- Comb. E. Clein. 1,989,185; Jan. 29.
- Comb. P. Compan. 1,988,866; Jan. 22.
- Comb. A. E. Dove. 1,994,505; Mar. 19.
- Comb. L. I. Mirel. 2,023,281; Dec. 3.
- Comb and iron, Furrier's. C. Fingerhart and J. C. Goldberg. 1,998,313; Apr. 16.
- Comb attachment for carpet sweepers. E. R. Smith. 2,001,982; May 21.
- Comb, Clamping. S. Behr. 1,998,699; Apr. 23.
- Comb cleaning machine. E. J. and L. G. Charron. 1,988,997; Jan. 22.
- Comb, Electric. A. W. and E. W. Ericsson. 2,021,008; Nov. 12.
- Comb finishing apparatus and method. F. J. Clark. 1,996,062; Apr. 2.
- Comb for sheep shearing machines. C. G. Duffy. 2,024,915; Dec. 17.
- Comb, Massage. A. F. Ogden, Jr., and J. A. Dobyus. 1,997,944; Apr. 16.
- Comb or saw for cotton burr extractors. A. S. Mackenzie. 1,987,240; Jan. 8.
- Comb plate adjusting mechanism for hair clippers. M. Andis. 2,006,493; July 2.
- Comb, Waving. V. M. Parr. 1,991,291; Feb. 12.
- Comb, Waving. V. M. Parr. 1,993,308; Mar. 5.
- Combine. R. L. Anderson. 1,994,298; Mar. 12.
- Combining apparatus. R. G. Eberhard. 1,998,661; Apr. 23.
- Combining machine. J. Fossel. 1,994,175; Mar. 12.
- Combining machine. J. W. Nasmith. 2,005,001; June 18.
- Combs, Hygienic and automatic holding and cleansing device for beer. M. A. Nebraska. 2,014,663; Sept. 17.
- Combination chair. O. Townsend. 1,990,847; Feb. 12.
- Combination container. J. Colaizzi. 2,010,011; Aug. 6.
- Combination device. O. Peterson. 1,992,541; Dec. 26.
- Combination ignition lock. J. W. Bennett. 1,994,240; Mar. 12.
- Combination lock. O. J. Carlson. 1,987,925; Jan. 15.
- Combination lock. A. A. J. Carlson. 2,011,268-9; Aug. 13.
- Combination lock. W. Jancsek. 2,024,043; Dec. 10.
- Combination lock. J. Schlitz. 2,018,745; Oct. 29.
- Combination lock. H. F. Teichmann. 1,986,125; Jan. 1.
- Combination lock. A. H. Woodward. 1,989,780; Feb. 5.
- Combination locker lock. E. W. North. 2,023,742; Dec. 10.
- Combination seat and bed. P. Killmnik. 2,007,804; July 9.
- Combination tool. W. F. Flesselles. 1,999,125; Apr. 23.
- Combination truck spring. C. J. Holland. 1,990,377; Feb. 5.
- Combustibles, Distillation of solid. G. F. Michot-Dupont. 2,025,882; Dec. 31.
- Combustion apparatus. F. A. Chambers and C. F. McGinley. 2,020,173; Nov. 5.
- Combustion apparatus. L. Corbett. 2,017,340; Oct. 15.
- Combustion apparatus. L. W. Corbett. 2,023,577; Dec. 10.
- Combustion apparatus. L. W. Corbett and R. N. Doble. 1,999,442; Apr. 30.
- Combustion, Apparatus for testing. C. C. Minter. 2,025,121; Dec. 24.
- Combustion chamber. M. J. Goldberg. 2,011,048; Aug. 13.
- Combustion chamber. J. MacDonald and F. Christenson. 2,012,171; Aug. 20.
- Combustion chamber construction. A. Moore. 2,007,767; July 9.
- Combustion chamber for Diesel engines. G. Wirrer. 2,014,828; Sept. 17.
- Combustion chambers, Cooling. R. H. Goddard. 2,016,921; Oct. 8.
- Combustion control. L. V. Andrews and C. M. Terry. 2,000,270; May 7.
- Combustion control. A. G. Blodgett. 2,026,159; Dec. 31.
- Combustion control. G. Decker. 1,987,433; Jan. 8.
- Combustion control system. A. W. Puddington. 2,020,516; Nov. 12.
- Combustion controller. E. A. Brown. 2,017,562; Oct. 15.
- Combustion engine. F. D. Butler. 2,023,403; Dec. 10.
- Combustion engine. W. Harper, Jr. 2,025,202-3; Dec. 24.
- Combustion engine. J. Mikulasek. 2,016,337; Oct. 8.
- Combustion engine. F. Sass and E. Daiber. 2,019,321; Oct. 29.
- Combustion from materials heated thereby, Screening. C. B. Hillhouse. 2,011,339; Aug. 13.
- Combustion in oil burners, Method of and device for starting. N. Roe. 2,025,074; Dec. 24.
- Combustion mechanisms, Apparatus for controlling. F. S. Denison. 2,022,188; Nov. 26.
- Combustion method and apparatus. A. Macchi. 2,022,512; Nov. 26.
- Combustion of fluid fuel, Effecting. L. C. Huff. 1,986,201; Jan. 1.
- Combustion outfit for refrigeration apparatus. L. S. Chadwick and M. Resek. 2,014,465; Sept. 17.
- Combustion residues from combustion gases, Apparatus for separation of solid. M. Frey. 1,999,589; Apr. 30.
- Comestible bars and the like, Method and apparatus for forming enwrapped. C. W. Vogt. 2,006,376; July 2.
- Comestible package, Frozen. C. W. Vogt. 2,023,629; Dec. 10.
- Comestible, Wrapped frozen. J. J. Mojonner. 1,992,712; Feb. 26.
- Comestibles, Apparatus for nesting and subdividing. C. W. Vogt. 2,018,750; Oct. 29.
- Comfort retaining device. W. H. May. 2,024,050; Dec. 10.
- Commode. A. Castanien. 2,023,514; Dec. 10.
- Commodity and producing the same, Distinctively marked. F. Wappler. 2,011,741; Aug. 20.
- Commodity handling system, Automatic. H. R. Brand. 1,988,936; Jan. 22.
- Commodity safety appliance and bad order tag. A. H. Scarlett. 2,014,987; Sept. 17.
- Communication and signaling apparatus. G. E. Atkins. 1,994,630; Mar. 19.
- Communication system. P. D. Adler. 2,018,940; Oct. 29.
- Communication system. F. S. Kinkad and T. L. Corwin. 2,024,580; Dec. 17.
- Communication system. W. S. Lemmon. 2,000,765; May 7.
- Communication system. W. S. Lemmon. 2,019,864; Nov. 5.
- Communication system. W. S. Lemmon and C. J. Fitch. 2,000,764; May 7.
- Communication system, Frequency selective. J. S. Stone. 2,023,556; Dec. 10.
- Communication system, Ultra high frequency. R. Gunn. 2,020,310; Nov. 12.
- Commutation, Means for improving. F. W. McCloskey. 2,024,740; Dec. 17.
- Commutator brush release. H. B. Abernathy. 1,986,093; Jan. 1.
- Commutator, High speed. G. W. Penney. 2,000,715; May 7.
- Commutators, and blanks for use therein, Making. J. L. Bonanno. 1,994,062; Mar. 12.
- Commutators, Making. J. J. Kessler. 1,993,966; Mar. 12.
- Compact. A. E. Chesler. 2,015,712; Oct. 1.
- Compact and the like. H. W. Jeffries. 2,022,963; Dec. 3.
- Compact, Illuminating. D. C. Muller. 2,021,015; Nov. 12.
- Compact, Lady's. G. E. Ramstad. 1,998,523; Apr. 23.
- Compact, Medical. L. H. McCalla. 2,013,281; Sept. 3.
- Compact, One hand. C. Weeks. 2,004,424; June 11.
- Compact or vanity case. G. Rosenberg. 1,989,155; Jan. 29.
- Comparator, Photoelectric. C. H. Sharp and H. J. Eckweiler. 1,999,023; Apr. 23.
- Comparison tablets for optical examination of flour, Making. P. Bierdel. 1,995,445; Mar. 26.
- Compartment assembly for display tables. O. H. Wilke. 1,995,335; Mar. 26.
- Compartment device. H. S. Frank. 2,007,644; July 9.
- Compartment for prisons and the like, Observation. R. L. Clark. 1,986,712; Jan. 1.
- Compass. H. H. Engelhardt. 2,025,580; Dec. 24.
- Compass. G. A. Salzgeber. 2,018,536; Oct. 22.
- Compass and level indicator, Combination magnetic. E. J. Grant. 2,017,900; Oct. 22.
- Compass compensator. W. A. Reichel and P. F. Weber. 2,011,775; Aug. 20.
- Compass deviation corrector. B. Jones. 1,987,624; Jan. 15.
- Compass deviation corrector. V. E. Showalter. 1,996,354; Apr. 2.
- Compass, Earth inductor. W. A. Reichel. 2,025,897; Dec. 31.
- Compass, especially for aerial vehicles, Compensated. G. O. Robert. 2,020,905; Nov. 12.
- Compass, Fluid. E. Fischel and G. Rieper. 2,003,929; June 4.
- Compass, Gyro-controlled magnetic. W. L. Smith. 2,010,204; Aug. 6.
- Compass, Gyro earth inductor. E. A. Sperry, Jr., and B. A. Wirtkubus. 1,988,521; Jan. 22.
- Compass, Gyroscopic. L. F. Carter. 2,011,436; Aug. 13.
- Compass, Liquid. S. R. Harris and H. N. Lumm. 1,987,621; Jan. 15.
- Compass, Liquid. J. L. Hassel. 2,019,411; Oct. 29.
- Compass, Magnetic. H. T. Faus. 2,003,179; May 28.

- Compass, Magnetic. P. F. Weber and W. E. Dankau. 2,008,481; July 16.
- Compass, Mariners' spherical. W. O. White. 1,987,383; Jan. 8.
- Compass mechanism. C. M. Leatherman. 2,014,024; Sept. 10.
- Compass, System for compensating a navigational. J. L. H. Hand. 1,990,939; Feb. 12.
- Compasses, Compensating device for. W. E. Hull. 1,994,998; Mar. 19.
- Compasses, Follow-up system for magnetic. M. F. Bates. 2,003,270; May 28.
- Compensated flow meter. R. P. Brown. 2,015,839; Oct. 1.
- Compensating attachments for pressure controllers. H. L. Colby. 2,016,769; Oct. 8.
- Compensating bleeder valve. H. Ernst and B. Sassen. 2,006,312; June 25.
- Compensating device acting between the different pneumatic mountings of a vehicle. J. Mercier. 2,003,511; June 4.
- Compensating device for sash windows and the like. K. Braun. 2,010,214; Aug. 6.
- Compensating means for gear tooth grinders. H. D. Tanner. 2,020,443; Nov. 12.
- Compensation device for compasses. J. L. H. Hand. 1,990,940; Feb. 12.
- Compensator. H. J. Byrne. 2,008,241; July 16.
- Compensator. W. Kunze. 2,024,234; Dec. 17.
- Compensator. C. E. Wyrick. 2,004,263; June 11.
- Compensator, Antishimmy and wear. S. Turocy. 2,023,797; Dec. 10.
- Composer printing machine. W. C. Huebner. 2,021,950; Nov. 26.
- Composite article. B. Bronson. 2,011,468; Aug. 13.
- Composite article and making the same. H. R. Fife. 2,000,383; May 7.
- Composite article, Making a. G. B. Moule. 1,994,145; Mar. 12.
- Composite article, of manufacture. B. F. Conner. 1,986,323; Jan. 1.
- Composite articles and their manufacture. W. P. Worrell and F. E. Gruber. 1,998,827; Apr. 23.
- Composite articles, Making. F. F. Brucker. 2,023,264; Dec. 3.
- Composite articles, Manufacture of. H. A. Gardner. 2,017,797; Oct. 15.
- Composite cylindrical articles, Manufacturing. F. H. Bengel. 1,996,741; Apr. 9.
- Composite ground. G. A. Knapp. 1,996,114; Apr. 2.
- Composite bearing. P. C. Haas. 2,016,493; Oct. 8.
- Composite product and making the same. C. L. Beal. 1,994,165; Mar. 12.
- Composite reaction product. C. Ellis. 2,000,937; May 14.
- Composite structure. A. C. Wallen and T. J. Crawford. 2,004,907; June 11.
- Composite tube. A. E. Harnsberger. 2,014,564; Sept. 17.
- Composite wood and concrete construction. J. F. Seiler. 2,022,693; Dec. 3.
- Composition. C. S. Webber. 2,014,403; Sept. 17.
- Composition and cementitious materials, Treatment of. D. H. Levine. 2,021,513; Nov. 19.
- Composition and preparing same. R. L. Falls. 2,003,789; June 4.
- Composition comprising rubber and plastic elastic material. S. D. Shinkle. 2,016,027; Oct. 1.
- Composition containing derivatives of cellulose. G. W. Seymour. 1,995,015-16; Mar. 19.
- Composition for cleaning oil wells. E. M. Adams, W. C. Gangloff, and G. G. Spencer. 2,010,800; Aug. 13.
- Composition for coating sheets, fibrous stocks, and the like. C. M. Boyce. 2,003,065; May 28.
- Composition for filling shoe bottoms. H. S. Miller and C. W. Sargent. 1,987,203; Jan. 8.
- Composition for impregnating wood. C. Schmiltutz. 2,012,976; Sept. 3.
- Composition for impregnating wood and other cellulosic materials. E. F. Hartman and W. F. Whitmore. 1,994,073; Mar. 12.
- Composition for insecticidal or fungicidal use and preparing the same. J. F. Littooy and F. F. Lindstaedt. 2,018,681; Oct. 29.
- Composition for killing insects and fungi. P. Janke. 2,000,843; May 7.
- Composition for lining can ends. J. E. Robinson. 2,013,670; Sept. 10.
- Composition for molding and protective coatings. W. H. Gardner. 2,010,226; Aug. 6.
- Composition for mothproofing. R. M. Ritter. 2,015,533; Sept. 24.
- Composition for oiling textile fibers. S. Fuchs and G. Schulz. 2,009,612; July 30.
- Composition for phonograph records. J. Dolid. 1,994,946; Mar. 19.
- Composition for preventing silver from tarnishing. I. S. Kleiner. 1,985,900; Jan. 1.
- Composition for retarding sludge formation. F. M. Clark. 1,988,300; Jan. 15.
- Composition for storage battery containers. E. R. Dillehay and O. G. Rieser. 2,000,582; May 7.
- Composition for the destruction of undesired vegetation. V. Sauchelli. 1,997,750; Apr. 16.
- Composition for treating colloidal surfaces. W. C. Geer. 2,017,593; Oct. 15.
- Composition for treating diseased trees. A. Yates. 2,017,269; Oct. 15.
- Composition for treating leather goods and applying same. A. C. Loges. 2,015,943; Oct. 1.
- Composition for treating the liquid contents of heating and cooling systems. W. Evans, G. J. Fink, and H. A. Kern. 1,986,963; Jan. 8.
- Composition for use in forming plastic materials. R. L. Sibley. 2,009,028; July 23.
- Composition for use in laundering. S. M. Ratzkoff. 1,986,286; Jan. 1.
- Composition for use in soldering chain links. J. E. Pilling. 2,003,865; June 4.
- Composition for waterproofing mortar and the like. B. Heimann. 2,007,427; July 9.
- Composition for water purification. B. F. Tippins. 1,993,761; Mar. 12.
- Composition of enhanced affinity for dyes. C. J. Malm and C. R. Fordyce. 2,011,345; Aug. 13.
- Composition of fatty matter and stabilizing same. A. S. Richardson, F. C. Vibrans, and J. T. R. Andrews. 1,993,181; Mar. 5.
- Composition of fluid bodies in motion and for selectively distributing the flow of portions of said bodies to predetermined locations, Device for determining the. O. E. Andrus and K. S. Willborg. 1,995,492; Mar. 26.
- Composition of matter. O. J. Boser. 1,991,726; Feb. 19.
- Composition of matter. G. W. Clarvoe. 2,016,892; Oct. 8.
- Composition of matter. M. Darrin. 1,994,810; Mar. 19.
- Composition of matter. I. W. Grote. 2,011,443; Aug. 13.
- Composition of matter. O. Kamm and I. W. Grote. 2,011,447; Aug. 13.
- Composition of matter. P. M. McKenna. 2,011,369; Aug. 13.
- Composition of matter. E. W. Reid. 2,003,655; June 4.
- Composition of matter. E. W. Reid. 2,015,385; Sept. 24.
- Composition of matter. E. G. Touceda. 1,996,711; Apr. 2.
- Composition of matter and article produced therefrom. C. J. Burgess. 1,999,499; Apr. 30.
- Composition of matter and its use in the production of fertilizers. W. H. Kniskern and C. K. Lawrence. 2,022,672; Dec. 3.
- Composition of matter and making the same. E. R. Littmann. 1,993,026; Mar. 5.
- Composition of matter and making the same. H. R. Rafton. 1,993,750; Mar. 12.
- Composition of matter and making the same. M. R. Ximenez. 2,009,600; July 30.
- Composition of matter and material made therefrom. M. V. Hiit. 1,997,583; Apr. 16.
- Composition of matter and method of producing. I. W. Humphrey. 2,025,947; Dec. 31.
- Composition of matter and method of producing. E. G. Peterson. 1,993,027-8; Mar. 5.
- Composition of matter and preparing same. R. B. Hill. 1,986,341; Jan. 1.
- Composition of matter and producing porous matter. W. E. Broeg. 2,000,160; May 7.
- Composition of matter and producing same. D. F. Twiss and E. W. B. Owen. 2,019,239; Oct. 29.
- Composition of matter and producing same. E. Kline and H. W. Barlow. 2,012,232; Aug. 20.
- Composition of matter and producing the same. A. H. Bowen and T. W. Dike. 1,992,180; Feb. 26.
- Composition of matter comprising ammonia, urea, and potassium salts, its preparation and use in making fertilizers. W. H. Kniskern and C. K. Lawrence. 2,022,676; Dec. 3.
- Composition of matter containing fertilizer materials, its preparation and use. W. H. Kniskern and C. K. Lawrence. 2,022,673; Dec. 3.
- Composition of matter containing urea and nitrates, its preparation and use. W. H. Kniskern and C. K. Lawrence. 2,022,674; Dec. 3.
- Composition of matter, etc. L. H. Larson. 2,000,031; May 7.
- Composition of matter for and method of treating iron and steel. H. G. Bassett. 2,016,477; Oct. 8.
- Composition of matter for exterminating vermin. T. G. W. Molin. 1,999,524; Apr. 30.
- Composition of matter for steel cutting tools, drawing dies, and the like. P. M. McKenna. 2,021,576; Nov. 19.
- Composition of matter for the manufacture of artificial stone. C. H. Hagopian. 2,018,355; Oct. 22.
- Composition of matter, New. M. De Groote and B. Keiser. 2,020,998; Nov. 12.
- Composition of matter, New. W. Schrauth. 2,015,239; Sept. 24.
- Composition of or containing rubber and making the same. E. A. Murphy, F. T. Purkis, and D. F. Twiss. 2,018,313; Oct. 22.
- Composition of rubber-like material and making goods therefrom. W. H. Chapman, D. W. Pounder, E. A. Murphy and F. T. Purkis. 1,994,503; Mar. 19.
- Compositions containing rubber or similar materials, Manufacture of. E. A. Murphy and A. Niven. 1,993,280; Mar. 5.
- Compositions for plastic molding. M. Landecker. 1,991,398; Feb. 19.
- Compositions of animal proteins of high molecular weight and producing same. O. Bornhauser. 2,007,633; July 9.
- Compositions of matter by the esterification of cellulosic material, Production of new. V. E. Yarsley. 1,986,908; Jan. 8.

- Compound foundation for plural wells. L. B. Collins. 1,998,803; Apr. 23.
- Compound of alkali and alkaline earth-metal halides, Complex. W. Kropp. 2,017,976; Oct. 22.
- Compound of metal with aliphatic polyhydric alcohols and preparing the same, Complex. W. Traube and F. Kuhbier. 1,990,442; Feb. 5.
- Compound of pentavalent antimony with aromatic polyhydroxy compounds, Complex. H. Schmidt. 1,988,576; Jan. 22.
- Compound of the anthraquinone-acridone series and preparing the same. R. F. Thomson, W. Smith, and J. Primrose. 2,014,790; Sept. 17.
- Compound of the azobenzanthrone series. M. A. Kunz, G. Kochendoerfer, and K. Koeberle. 2,013,659; Sept. 10.
- Compound of the distyryl pyridinium salt series and its production. M. Dabelow and A. Philips. 1,994,170; Mar. 12.
- Compound spring. R. B. Simning. 2,017,221; Oct. 15.
- Compound tool. J. J. Plumb. 2,025,473; Dec. 24.
- Compound unit for sound absorption. T. B. Munroe and C. L. Neumeister. 2,007,130; July 2.
- Compounds from the waste products obtained in the refining of cracked mineral oils, Preparing valuable. W. von Piotrowski and J. Winkler. 1,996,692; Apr. 2.
- Compounds of manganese nitrate, urea, and water. Molecular addition. E. R. Boller. 1,986,495; Jan. 1.
- Compounds of primula saponine. H. Legerlotz. 1,987,743; Jan. 15.
- Compounds of the ethylene series substituted by an aromatic residue, Manufacture of. W. Krey. 2,005,042; June 18.
- Compress, Spring flask. B. A. Roelofs. 2,006,903; July 2.
- Compressing and indenting, Method and apparatus for. W. G. Wilson. 2,000,056; May 7.
- Compressing machine. W. D. Drysdale. 2,005,578; June 18.
- Compressing unit. E. Heltman. 2,001,874; May 21.
- Compression control apparatus. C. C. Hinkley. 2,005,858; June 25.
- Compression unit. P. A. Celander. 2,004,889; June 11.
- Compressor. B. S. Aikman. 1,998,264; Apr. 16.
- Compressor. E. H. Belden. 1,992,348; Feb. 26.
- Compressor. B. Bogoslovsky. 2,004,563; June 11.
- Compressor. F. E. Dennison. 2,006,583; July 2.
- Compressor. J. A. De Puy. 2,006,584; July 2.
- Compressor. E. Kägl. 2,004,726; June 11.
- Compressor. E. F. Logan. 2,026,479; Dec. 31.
- Compressor. R. H. Long. 2,025,758; Dec. 31.
- Compressor. C. Schaer. 2,004,474; June 11.
- Compressor. A. E. Schulz and D. J. Phelps. 2,013,862; Sept. 10.
- Compressor. R. C. Seyforth. 2,014,816; Sept. 17.
- Compressor. E. W. Swartwout. 2,003,476; June 4.
- Compressor. E. T. Williams. 2,023,799; Dec. 10.
- Compressor. W. H. Wineman. 2,026,293; Dec. 31.
- Compressor. R. G. Wyld. 2,008,809; July 23.
- Compressor and sealing means therefor. F. A. Wegener. 1,986,905; Jan. 8.
- Compressor and supercharger. J. O. Gette, Jr. 1,994,245; Mar. 12.
- Compressor and vacuum pump. C. Pfeiffer. 2,015,124; Sept. 24.
- Compressor and vacuum pump. S. B. Redfield. 1,994,786; Mar. 19.
- Compressor control mechanism. B. S. Aikman. 1,998,265; Apr. 16.
- Compressor control system. F. O. Wallene. 1,997,476; Apr. 9.
- Compressor discharge valve. L. L. Collins. 2,000,691; May 7.
- Compressor, Double opposed. C. Sauzedde. 1,999,211; Apr. 30.
- Compressor for fluid actuated brakes. C. Sauzedde. 2,018,685; Oct. 29.
- Compressor, Gas. C. A. Bergmann. 2,025,037; Dec. 24.
- Compressor, Gas and vapor. A. Wieha. 1,986,454; Jan. 1.
- Compressor, Hydraulic. S. R. Seillière. 2,001,269; May 14.
- Compressor mechanism. W. Fourness. 2,023,414; Dec. 10.
- Compressor mechanism, Reciprocating. W. Fourness. 2,023,415; Dec. 10.
- Compressor, Portable. J. W. Jones and E. C. Cowles. 2,015,525; Sept. 24.
- Compressor, Power operated lubricant. E. W. Davis. 1,997,860; Apr. 16.
- Compressor, Refrigerant. L. C. Smith. 2,005,959; June 25.
- Compressor, Rotary. H. M. Badger. 2,018,341; Oct. 22.
- Compressor, Rotary. E. H. Belden. 2,004,920; June 18.
- Compressor, Rotary. J. H. Denny. 2,013,377; Sept. 10.
- Compressor, Rotary. M. W. Lee. 1,986,272; Jan. 1.
- Compressor, Rotary. J. J. Morch. 2,002,827; May 28.
- Compressor, Rotary. W. W. Paget. 2,006,366; July 2.
- Compressor, Steam driven. C. C. Farmer. 1,991,891; Feb. 19.
- Compression supporting device. W. W. Lee. 1,995,002; Mar. 19.
- Compressor unit. F. J. Heldeman. 2,002,575; May 28.
- Compressor unit of a pulsator system. B. von Oberstadt. 1,990,680; Feb. 12.
- Compressor unit, Rotary. J. E. Whitfield. 2,018,391; Oct. 22.
- Compressor unloader. R. W. Ayres. 2,020,987; Nov. 12.
- Compressor unloader. R. C. McAllister. 2,025,294; Dec. 24.
- Compressor unloader. G. F. McClay. 1,989,762; Feb. 5.
- Compressor unloading mechanism. S. Johnson, Jr. 2,015,801; Oct. 1.
- Compressor valve. C. Orr. 2,021,085; Nov. 12.
- Compressors, Device for unloading. E. H. Belden. 1,998,604; Apr. 23.
- Compressors, Regulating. W. Ochel. 1,994,146; Mar. 12.
- Computers, Fire control. S. G. Myers and E. W. Chafee. 1,999,368; Apr. 30.
- Computing device consisting of a mathematical curve. O. B. Lane. 2,000,526; May 7.
- Computing machine. O. J. Sundstrand. 2,021,618; Nov. 19.
- Concealed hinge. J. Soss. 2,021,702; Nov. 19.
- Concentrate burner. C. A. MacDonald. 1,985,902; Jan. 1.
- Concentration of dilute acetic acid or liquor containing same. H. Langwell and R. Gilmour. 2,010,548; Aug. 6.
- Concentrator. R. F. O'Mara. 1,985,947; Jan. 1.
- Concentrator. J. R. Walsh. 2,017,111; Oct. 15.
- Concentrator, Centrifugal. C. C. Baldwin and V. S. Miller. 2,003,767; June 4.
- Concrete. K. P. Billner. 2,023,001; Dec. 3.
- Concrete aggregate proportioner. C. M. Tolley. 1,986,864; Jan. 8.
- Concrete and like plastic materials, Apparatus for treating. C. Jackson. 1,988,316; Jan. 15.
- Concrete and the like, Manufacture and joining of articles of. B. Ruml. 2,008,339; July 16.
- Concrete articles, Molding. J. T. Kimbrough. 2,020,065; Nov. 5.
- Concrete block making apparatus. F. J. Straub. 2,003,702; June 4.
- Concrete building and building panel. R. Leggat and J. C. P. Leemhuis. 2,014,576; Sept. 17.
- Concrete building construction. H. Amezcua. 2,001,696; May 21.
- Concrete building construction. S. Gurber. 2,012,191; Aug. 20.
- Concrete construction, Reinforced. F. Schlagintweit. 1,995,585; Mar. 26.
- Concrete core for earth dams. G. Bobrisch. 1,988,777; Jan. 22.
- Concrete, Curing. A. A. Johnson. 2,000,759; May 7.
- Concrete, Curing. L. Wittenberg. 1,992,110; Feb. 19.
- Concrete floor construction. G. P. Rice. 2,022,734; Dec. 3.
- Concrete floors, Apparatus for forming. H. W. Roos. 1,987,216; Jan. 8.
- Concrete floorings to receive topping layers. F. P. Sloan. 2,015,875; Oct. 1.
- Concrete form apparatus. P. Beghetti. 1,994,166; Mar. 12.
- Concrete form holding means. S. S. Colt. 2,002,526; May 28.
- Concrete form retaining means. S. S. Colt. 2,014,080; Sept. 10.
- Concrete form, Self-supporting. B. E. Simpson. 2,019,195; Oct. 29.
- Concrete form spacer. R. J. Colgan and A. De Gange. 1,993,088; Mar. 5.
- Concrete joist and slab construction, Precast. H. O. Klotz. 2,004,991; June 18.
- Concrete laying machine. J. F. Robb. 2,011,417; Aug. 13.
- Concrete, Leveling cellular. K. P. Billner. 2,009,984; July 30.
- Concrete, Making cellular. J. A. Rice. 1,985,905; Jan. 1.
- Concrete, Making light weight porous. E. B. Bjorkman. 2,026,207; Dec. 31.
- Concrete, Method of and apparatus for pumping. O. M. Kastner. 2,017,974; Oct. 22.
- Concrete mixer. H. K. Paris. 1,998,635; Apr. 23.
- Concrete mixer and operating the same, High discharge. C. F. Ball. 1,998,749; Apr. 23.
- Concrete mixing and distributing apparatus. F. E. Bager and W. Solberg. 1,997,847; Apr. 16.
- Concrete of high strength, Making light weight. E. B. Bjorkman. 1,996,452; Apr. 2.
- Concrete pile. St. J. R. Marshall. 2,021,735; Nov. 19.
- Concrete piles, Apparatus for constructing. J. H. Thornley. 1,998,643; Apr. 23.
- Concrete pipe construction. B. J. Ukropina. 2,001,042; May 14.
- Concrete pipe joint. B. J. Ukropina. 2,001,043; May 14.
- Concrete pipe joint. B. J. Ukropina. 2,024,488; Dec. 17.
- Concrete pipe joint, Reinforced. B. J. Ukropina. 2,001,041; May 14.
- Concrete plant. T. Manabe. 2,015,488; Sept. 24.
- Concrete pump. C. F. Ball. 1,991,342; Feb. 12.
- Concrete pump. C. F. Ball. 2,012,944; Sept. 3.
- Concrete pump. J. C. Kooyman. 2,017,975; Oct. 22.
- Concrete pumping system. C. F. Ball. 2,001,661; May 14.
- Concrete reinforcement. W. F. Ranger. 1,986,528; Jan. 1.
- Concrete reinforcement support. R. M. Neely. 1,994,724; Mar. 19.
- Concrete revetment, Bituminous. A. C. Deer. 1,991,196; Feb. 12.
- Concrete road construction, Reinforced. A. C. Fischer. 2,015,340; Sept. 24.
- Concrete, rocks, and the like, Filling in. W. Klie. 1,987,958; Jan. 15.
- Concrete, Shock-resisting. W. W. Williamson. 2,023,800; Dec. 10.
- Concrete slab. E. C. Alexander. 2,017,336; Oct. 15.

- Concrete slab or like structure and reenforcing therefor. H. Nagin. 1,994,829; Mar. 19.
- Concrete stave. S. G. Martin. 2,010,406; Aug. 6.
- Concrete structure, Protecting. J. C. Seailles. 2,008,472; July 16.
- Concrete structure, Reenforced. O. Schaub. 2,016,616; Oct. 8.
- Concrete surfacing device. H. G. Lykken. 1,988,660; Jan. 22.
- Concrete surfacing joints, Producing. J. N. Heltzel. 1,997,216; Apr. 9.
- Concrete, Treating fresh. O. E. Hood. 2,023,887; Dec. 10.
- Concrete vibrating machine. E. B. Jorgensen. 2,018,789; Oct. 29.
- Concrete, Waterproofing. E. W. Scripture, Jr. 2,003,613; June 4.
- Condensate handling apparatus. W. C. Greene. 1,988,382; Jan. 15.
- Condensate removing device. R. C. Moore. 2,020,563; Nov. 12.
- Condensate return system. L. D. Goff. 2,011,626; Aug. 20.
- Condensation product and making same. H. Scheyer. 1,990,841; Feb. 12.
- Condensation product and preparing the same. H. Hönel. 1,996,070; Apr. 2.
- Condensation product and preparing the same. H. Hönel. 2,012,278; Aug. 27.
- Condensation product of diisobutylene and polyhydric phenols. J. D. Robinson and W. F. Hester. 2,008,337; July 16.
- Condensation product of the anthraquinone series and making same. H. Scheyer. 1,990,842; Feb. 12.
- Condensation product of the benzanthrene series. C. Wulff and E. Roell. 2,011,789; Aug. 20.
- Condensation product of the cyanuric series and preparing it. A. Steindorff and M. Paquin. 2,016,521; Oct. 8.
- Condensation product of the oxazine series. G. Kalischer and W. Zerweck. 2,020,651; Nov. 12.
- Condensation products from aromatic hydrocarbons. Production of. O. Drossbach and E. Roell. 1,996,738-9; Apr. 9.
- Condensation products from natural resins, Manufacture of new. J. Binapfl. 2,022,456; Nov. 26.
- Condensation products from phloroglucine and preparing them. L. Laska and O. Haller. 2,018,137; Oct. 22.
- Condensation products from xylene ethers and aldehydes, Preparation of resinous. F. Seebach. 2,014,415; Sept. 17.
- Condensation products, Manufacture of. W. Kraus. 2,016,285; Oct. 8.
- Condensation products, Manufacture of. L. Lillienfeld. 2,024,972; Dec. 17.
- Condensation products of diisobutylene and phenols. W. F. Hester. 2,008,017; July 16.
- Condensation products of formaldehyde and urea with the conjoint use of the condensation products derived from glycerine and phthalic anhydride, Producing. S. Goldschmidt and R. Mayrhofer. 2,014,889; Sept. 17.
- Condensation products of the azobenzanthrone-acridine series and their production. M. A. Kunz, K. Koeberle, and G. Kochendoerfer. 2,023,479; Dec. 10.
- Condensation products, Preparation of. M. Belloc. 1,990,399; Feb. 5.
- Condensation products, Preparation of. W. A. Lazier. 1,999,196; Apr. 30.
- Condensation products, Production of. H. Hönel. 1,996,069; Apr. 2.
- Condenser; See—
- | | |
|--------------------------|-------------------------------|
| Differential condenser. | Refrigerator condenser. |
| Electric condenser. | Surface condenser. |
| Electrical condenser. | Trimmer condenser. |
| Electrolytic condenser. | Tuning and trimmer condenser. |
| Electrostatic condenser. | Vapor condenser. |
| Enameled condenser. | Variable condenser. |
| High tension condenser. | Variable mica condenser. |
| Mercury condenser. | |
| Multiple unit condenser. | |
- Condenser. E. N. Baldwin. 1,999,074; Apr. 23.
- Condenser. L. G. Burlingame. 2,011,555; Aug. 13.
- Condenser. H. E. Byer. 2,013,029; Sept. 3.
- Condenser. L. A. McDermott. 2,018,500; Oct. 22.
- Condenser. P. W. Wagnerseller. 1,994,934; Mar. 19.
- Condenser and constructing the same. J. E. Lillienfeld. 1,989,622; Jan. 29.
- Condenser and electrolyte therefor, Electrolytic. J. E. Lillienfeld. 1,986,779; Jan. 1.
- Condenser and operating the same, Asymmetric. J. E. Lillienfeld. 2,001,790; May 21.
- Condenser arrangement. W. Buschbeck. 1,995,839; Mar. 26.
- Condenser arrangement, Mercury turbine. L. R. Biggs. 2,020,097; Nov. 5.
- Condenser control device. M. Mallory. 2,016,094; Oct. 1.
- Condenser foil terminal. H. F. Fruth. 2,020,408; Nov. 12.
- Condenser for hydrocarbons. L. T. Cameron. 1,992,352; Feb. 26.
- Condenser for microscopes, Dark-field. P. Kraft and R. Straubel. 1,999,240; Apr. 30.
- Condenser for refrigerating systems. F. E. Hubbs. 2,012,910; Aug. 27.
- Condenser for refrigerating systems. J. H. H. Voss. 1,993,390; Mar. 5.
- Condenser for refrigerating units. M. R. Karge. 2,018,067; Oct. 22.
- Condenser insulation, Electrolytic. W. H. Grinditch. 2,010,758; Aug. 6.
- Condenser leaks, Temporarily plugging. O. J. Wheeler. 2,001,558; May 14.
- Condenser motor. W. J. Morrill. 2,023,237; Dec. 3.
- Condenser, oil separator, and feed water heater and purifier, Exhaust steam. C. E. Dillinger. 2,025,043; Dec. 24.
- Condenser or the like, Electrolytic. A. Georgiev. 2,006,713; July 2.
- Condenser resistance tester. B. J. Haskins. 1,990,486; Feb. 12.
- Condenser structure. E. E. Hindman. 2,018,210; Oct. 22.
- Condenser swirl. W. B. Nelson. 2,016,341; Oct. 8.
- Condenser to a main condenser, Applying a trimming. E. D. Koeppling. 2,003,545; June 4.
- Condenser tube. O. A. Bossart and E. G. Eberhardt. 2,017,201; Oct. 15.
- Condenser unit. J. H. Beckman. 2,016,587; Oct. 8.
- Condenser winding machine. J. Q. Holmes. 2,001,347; May 14.
- Condenser with horizontal stack, Insulating casing. G. W. Pickard. 1,994,533; Mar. 19.
- Condenser with temperature compensation. S. W. Seeley. 2,015,732; Oct. 1.
- Condensers, Dialyzing paper. J. M. Booe. 1,989,129; Jan. 29.
- Condensers, Manufacture of electrolytic. P. Robinson. 1,998,202; Apr. 16.
- Condensers, System of operating alternating current electrolytic. J. E. Lillienfeld. 1,989,623; Jan. 29.
- Condensing and evaporating apparatus, Combined. O. Simmen. 1,989,430; Jan. 29.
- Condensing means for an internal combustion engine. R. S. Wentworth. 2,023,456; Dec. 10.
- Condiment. A. A. Levinson. 2,011,321; Aug. 13.
- Condiment holder. R. M. Currie. 2,021,049; Nov. 12.
- Condiment measuring and dispensing device. H. L. McPhee. 2,002,039; May 21.
- Conditioned material and preparing same. C. E. Coleman. 2,025,376; Dec. 24.
- Conditioner for air line respirators. F. Willson and H. F. Shindel. 2,010,424; Aug. 6.
- Conditioning unit. W. L. Fleisher. 1,988,076; Jan. 15.
- Conditioning unit. W. L. Fleisher. 1,991,976; Feb. 19.
- Conductor. A. O. Austin. 1,999,273; Apr. 30.
- Conductor and coating the same, Insulated. A. P. Hinsky. 2,010,152; Aug. 6.
- Conductor and support guard. S. S. Matthes. 2,009,781; July 30.
- Conductor clamp. K. A. Hawley. 1,997,143; Apr. 9.
- Conductor connection, Electric. F. Riebel, Jr., and D. M. Dow. 2,023,903; Dec. 10.
- Conductor, Continuously loaded. J. E. Harris. 2,017,657; Oct. 15.
- Conductor cut-out for electrical distribution systems, Faulty. W. Byrd, Jr. 2,012,181; Aug. 20.
- Conductor, Electric. F. H. Owens. 2,019,868; Nov. 5.
- Conductor, Electric. W. C. Robinson. 1,996,652; Apr. 2.
- Conductor, Electrical. C. T. Fletcher. 1,992,656; Feb. 26.
- Conductor, Electrical. D. R. G. Palmer. 2,004,901; June 11.
- Conductor, Electrical. A. B. Smedley. 2,004,589; June 11.
- Conductor, Electrical. A. C. Walker. 2,000,423; May 7.
- Conductor, Electrical. T. D. Waring and J. Bolingbroke. 1,987,918; Jan. 15.
- Conductor, Extensible electric. K. Herkenberg. 2,002,739; May 28.
- Conductor for evacuated and gas-filled fused quartz devices, Metallic electrical. W. T. Anderson, Jr. 1,986,784; Jan. 8.
- Conductor for transmission lines. H. M. Hall. 1,999,502; Apr. 30.
- Conductor, Hollow. W. H. Bassett, Jr. 2,004,972; June 18.
- Conductor, Insulated. A. N. Gray. 2,003,772; June 4.
- Conductor, Insulated electric. E. C. Pitman. 2,000,095; May 7.
- Conductor, Insulated electric. R. A. Schatzel. 2,009,004; July 23.
- Conductor, Insulator. J. Paluchnick. 1,997,910; Apr. 16.
- Conductor, Paper covered. J. P. Keyes. 2,007,277; July 9.
- Conductor support. R. H. McCafferty. 1,994,916; Mar. 19.
- Conductor support. R. R. Pittman. 2,022,386; Nov. 26.
- Conductor system, Coaxial. J. F. Wentz. 2,018,477; Oct. 22.
- Conductor terminal cap, Electrical. G. H. Glade, Jr. 1,988,725; Jan. 22.
- Conductor units in electric cables, Joining. R. E. Green. 2,008,756; July 23.
- Conductors and the like, Connecting. C. L. Rice. 1,987,127; Jan. 8.
- Conductors, Apparatus for coating electrical. V. L. Ronci, J. R. Wilson, and C. Depew. 1,986,534; Jan. 1.
- Conductors, Apparatus for manufacturing armored. E. J. Schneider. 1,995,866; Mar. 26.
- Conductors, Attachment for. A. O. Austin. 2,011,138; Aug. 13.
- Conductors, Device for connecting electrical. P. F. Williams. 2,026,008; Dec. 31.

- Conductors, Installation of electrical. J. L. Musgrave and S. C. Mount. 2,007,610; July 9.
- Conductors, Production of extensible electric. K. Herkenberg. 2,013,211; Sept. 3.
- Conduit. C. Gottwald and H. R. Hawgood. 2,005,704; June 18.
- Conduit. J. A. Millsom. 1,995,716; Mar. 26.
- Conduit. H. E. Morse. 2,007,918; July 9.
- Conduit. R. V. Proctor and C. B. Cushman. 2,001,315; May 14.
- Conduit and conduit system. C. Gottwald. 1,991,455; Feb. 19.
- Conduit and like construction. C. Gottwald. 2,005,699; June 18.
- Conduit and making it, Corrugated metallic. J. R. Freeze. 2,017,058; Oct. 15.
- Conduit and making same, Saturating fibrous. S. P. Miller. 2,012,968; Sept. 3.
- Conduit and making the same. R. A. Shipley. 2,001,316; May 14.
- Conduit and muffler for an automotive vehicle, Exhaust. H. O. and S. Berg. 1,993,397; Mar. 5.
- Conduit and wire ground connection, Electrical. L. G. Terry. 1,986,028; Jan. 1.
- Conduit baseboard. H. Grimes. 1,998,234; Apr. 16.
- Conduit cap. R. G. Whitlock and L. Sharp. 2,004,966; June 18.
- Conduit-coil cleaner apparatus, Portable. E. E. Jones. 1,993,371; Mar. 5.
- Conduit construction. M. L. Spackman. 2,005,701; June 18.
- Conduit construction, Underground. M. Craighead. 2,003,580; June 4.
- Conduit fitting, Electrical. C. E. Rutherford. 2,021,492; Nov. 19.
- Conduit, Flexible. I. Cowles. 2,008,175; July 16.
- Conduit, Flexible metallic. M. P. McLaughlin. 1,998,632; Apr. 23.
- Conduit, Fluid. J. J. Masuch. 2,019,540; Nov. 5.
- Conduit joint forming means. H. E. Muchnic. 2,020,156; Nov. 5.
- Conduit junction. B. H. Miller and J. E. Trainer. 1,992,960; Mar. 5.
- Conduit, Pressure medium. E. Müller. 2,002,329; May 21.
- Conduit system. E. B. Sargent. 1,994,113; Mar. 12.
- Conduit system, Electrical. H. W. Hartman and J. F. Brown. 2,017,861; Oct. 22.
- Conduit, Underground. H. W. Porter and W. C. Boren, Jr. 1,987,517; Jan. 8.
- Conduit, Underground. H. W. Porter and W. C. Boren, Jr. 2,009,068; July 23.
- Conduit, Underground. E. T. Keefe and H. E. McGregor. 2,013,888; Sept. 10.
- Conduits, Apparatus for cleaning liquid. H. M. Erdmann. 2,018,952; Oct. 29.
- Conduits, Apparatus for cleaning liquid. H. M. Erdmann. 2,022,882; Dec. 3.
- Conduits, Bending. D. F. Newman. 1,992,835; Feb. 26.
- Conduits, Coupling electric. H. M. Olmstead. 2,013,217; Sept. 3.
- Conduits exposed to high temperatures, Protection of metallic. L. B. Skinner. 2,003,725; June 4.
- Conduits, Making. C. J. Katze-Miller. 2,016,447; Oct. 8.
- Conduits, Process and apparatus for handling corrugated. H. E. Snyder. 1,989,950; Feb. 5.
- Conduits, Saturating fibrous. G. Emberg. 2,012,961; Sept. 3.
- Conduits, Uniting. A. Kipnis. 2,016,375; Oct. 8.
- Cone adapter. E. J. Kelly. 2,025,949; Dec. 31.
- Cone and like yarn support, Wooden. H. C. Jones. 1,993,143; Mar. 5.
- Cones and tubes, Making. C. K. Dunlap. 2,014,040; Sept. 10.
- Cone feeding mechanism. W. S. Whiting, Jr. 2,017,521; Oct. 15.
- Confection. H. C. Gibson. 2,004,863; June 11.
- Confection. B. R. Harris. 2,025,985-6; Dec. 31.
- Confection. R. G. Thoke. 2,001,371; May 14.
- Confection and holder therefor, Frozen. J. Valenta. 1,992,516; Feb. 26.
- Confection and making same. G. E. Lathrop. 2,000,342; May 7.
- Confection and method of making, Frozen. E. E. Lindsey. 2,025,757; Dec. 31.
- Confection and producing same. B. R. Harris. 2,024,356; Dec. 17.
- Confection casting mold. A. La Corte, F. S. Modzelewski, and J. A. Klyczek. 1,988,906; Jan. 22.
- Confection coating machine. A. L. Bausman. 2,003,851; June 4.
- Confection, Frozen. F. L. Schade. 2,002,963; May 28.
- Confection, Frozen. M. Schnaier. 2,003,612; June 4.
- Confection, Packaged. R. Stover. 2,005,245; June 18.
- Confections, Apparatus for and method of processing frozen. M. Schnaier. 2,003,518; June 4.
- Confections, Apparatus for decorating. A. L. Bausman. 2,006,432; July 2.
- Confections, Apparatus for forming. N. M. Thomas. 2,019,877; Nov. 5.
- Confections, Making. G. M. Teague. 2,000,676; May 7.
- Confections, Preparing, packaging, and serving frozen. J. J. Nolte. 2,001,919; May 21.
- Confections, Producing composite. E. N. Snodgrass. 1,987,084; Jan. 8.
- Conformator. R. L. Carver and D. T. Robbins. 1,989,680; Feb. 5.
- Conjugate curve generator. W. H. Nichols. 1,997,228; Apr. 9.
- Connector: See—
- Adjustable connector. Power transmitting connector.
 - Battery terminal connector. Resilient connector.
 - Belt connector. Separable connector.
 - Bracelet connector. Solderless connector.
 - Cable connector. Spring connector.
 - Cord connector. Spring live wire connector.
 - Detachable connector. Swivel electrical connector.
 - Electric connector. Terminal connector.
 - Electric cord connector. Thrust screw connector.
 - Electric tubing connector. Train automatic air connector.
 - Electrical connector. Train pipe connector.
 - Electrical plug connector. Tube connector.
 - Fused connector. Unitary wire connector.
 - Inductance connector. Universal electric connector.
 - Indicator connector. Wire connector.
 - Key connector.
 - Metallic connector.
 - Meter block connector.
 - Mop connector.
 - Muffler pipe connector.
- Connector. R. A. Bell. 2,026,490; Dec. 31.
- Connector. L. B. Bloomquist. 1,991,075; Feb. 12.
- Connector. H. A. Douglas. 1,995,115; Mar. 19.
- Connector. F. J. Hardman. 2,009,885; July 30.
- Connector. G. J. Hausman. 1,991,669; Feb. 19.
- Connector. P. B. Hoyer. 2,010,544; Aug. 6.
- Connector. W. H. B. Lavarack. 1,989,043; Jan. 22.
- Connector. J. T. Marvin. 2,013,732; Sept. 10.
- Connector. T. E. McDowell. 2,015,953; Oct. 1.
- Connector. R. S. Mueller. 1,994,251; Mar. 12.
- Connector and antichafing bearing for tire chains, Combined. J. B. Bambenek. 1,999,714; Apr. 30.
- Connector cap. F. C. Kollath. 1,999,020; Apr. 23.
- Connector cap. F. C. Kollath. 2,002,779; May 28.
- Connector device, Electric. V. I. Crusier. 2,025,380; Dec. 24.
- Connector device, Electric. W. J. Winninghoff. 2,020,712; Nov. 12.
- Connector element. E. R. Kulka. 2,002,291; May 21.
- Connector for cables and conductors. A. J. Hixon. 1,989,861; Feb. 5.
- Connector for dental use, Interlocking. A. M. Oppenheimer. 2,016,511; Oct. 8.
- Connector for electric cables. U. Quintavalle. 2,012,770; Aug. 27.
- Connector for electric cables, Solderless. D. P. Ruger. 2,023,823; Dec. 10.
- Connector for electric conducting cables, Solderless. H. C. Guhl. 2,001,131; May 14.
- Connector for electric conductors. W. C. Stevens. 2,007,352; July 9.
- Connector for electric outlet boxes. G. T. Tideman. 1,987,035; Jan. 8.
- Connector for traffic guards. E. V. Camp. 1,988,994; Jan. 22.
- Connector for wrist watch bracelets. K. H. Baker. 2,014,713; Sept. 17.
- Connector for wrist watch straps. S. Ritter. 2,012,054; Aug. 20.
- Connector lug for cables and the like, Solderless. F. Hanlan. 2,015,896; Oct. 1.
- Connector plug. R. J. Feuchter. 2,007,443; July 9.
- Connector or coupling. H. A. Rishel. 1,986,447; Jan. 1.
- Connector or fastening device for chain bracelets. C. H. Kestenman. 2,018,068; Oct. 22.
- Connector, particularly for lamps having two filaments. J. T. F. Conti. 2,016,853; Oct. 8.
- Connector screw. J. D. Garrett. 1,988,310; Jan. 15.
- Connector split, Fused. E. T. Condon. 1,987,181; Jan. 8.
- Connecting clip. R. S. and S. Mueller. 1,999,613; Apr. 30.
- Connecting device. D. C. Abdelnour. 2,018,338; Oct. 22.
- Connecting device. S. T. Curran. 2,026,303; Dec. 31.
- Connecting device for use in manufacturing shoe lasts, Adjustable. S. Kurlan. 2,014,575; Sept. 17.
- Connecting device, Shirt and trouser. A. H. Obermeyer. 2,014,052; Sept. 10.
- Connecting means. H. A. Douglas. 2,016,708; Oct. 8.
- Connecting or splicing device for wires. P. H. Kelley. 2,016,441; Oct. 8.
- Connecting rod. T. V. Buckwalter. 1,988,830; Jan. 22.
- Connecting rod. T. V. Buckwalter. 1,995,835; Mar. 26.
- Connecting rod alignment gauge. H. W. Zimmerman. 2,013,373-4; Sept. 3.
- Connecting rod for shock absorbers. C. N. Mitchell. 2,021,193; Nov. 19.
- Connection. C. S. Britton. 2,009,473; July 30.
- Connection. A. Y. Dodge. 1,986,428; Jan. 1.
- Connection between a hoe shank and blade and making the same. C. H. Poythress. 2,020,208; Nov. 5.
- Connection between a rod and a diaphragm. C. H. Davis, Jr. 1,999,285; Apr. 30.
- Connection between crank and piston, Variable. F. J. Blauvelt and L. B. Wilson. 1,987,661; Jan. 15.
- Connection clamp. G. L. Usselman. 1,997,091; Apr. 9.
- Connection device for wrist watches. J. Dinhofer. 2,009,483-4; July 30.
- Connection, Flexible. C. Saurer. 2,006,303; June 25.
- Connection for filament and lead wires. J. Flaws, Jr. 1,998,958; Apr. 23.

- Connection for fluid conduits. L. S. Hamer. 1,989,980; Feb. 5.
- Connection for fluid lines. H. F. Spoehrer. 2,014,911; Sept. 17.
- Connection for frame members, Metal. E. Galante. 2,003,551; June 4.
- Connection for handles and implements. C. H. House. 2,022,039; Nov. 26.
- Connection for joining sections of range boilers and pressure vessels and method of making. H. W. Kamack. 1,995,616; Mar. 26.
- Connection for vehicle springs, End.. J. W. Leighton. 2,012,883; Aug. 27.
- Connection for web reeling apparatus, Flexible drive. P. J. Berggren. 2,000,436; May 7.
- Connection for wires, cables, and the like, End. L. Dörr and W. Stegmaler. 2,007,913; July 9.
- Connection, Hose. B. Carcano. 2,015,786; Oct. 1.
- Connection, Insulated electrical. J. V. Polk. 2,000,716; May 7.
- Connection, Interlocking. C. T. Von Holtz. 2,002,558; May 28.
- Connection, Oscillatory. G. D. Banta. 2,002,284; May 21.
- Connection, Outlet. W. G. Colling. 2,011,377; Aug. 13.
- Connection, particularly for drums, tanks, or the like, Draw-off or filling. D. MacLachlan and W. Howie. 2,012,197; Aug. 20.
- Connection, Pipe flange. C. Rehder. 2,005,267; June 18.
- Connection, Resilient. C. Lecler. 2,001,257; May 14.
- Connection, Threaded. E. J. Zelt. 2,000,732; May 7.
- Connection, Universal. F. Barford. 1,994,805; Mar. 19.
- Connection, Vibration isolating pipe. C. Hussman. 2,014,355; Sept. 10.
- Connections between connecting rod, piston, and crankshaft, Lubricating. J. H. Eynon. 2,005,028; June 18.
- Connections for boards or similar structural elements, Elastic. K. V. Engman. 2,011,312; Aug. 13.
- Consistency and time indicating and recording equipment for concrete mixers. L. A. Perry. 2,013,837; Sept. 10.
- Constant band with receiver. J. L. Bonanno. 1,999,648; Apr. 30.
- Constant speed joint, Universal. F. E. Myard. 2,026,244; Dec. 31.
- Constituents of a gaseous mixture, Separation of. M. Fränkl. 2,007,271; July 9.
- Constituents of mineral oils, Separating. H. T. Bennett. 2,003,239; May 28.
- Construction columns, Manufacture of. W. A. Kraner. 1,992,376; Feb. 26.
- Construction for vehicle brakes. E. R. Evans. 2,015,716; Oct. 1.
- Construction material and making the same, Composite. P. B. Brill and G. H. Ellis. 2,018,911; Oct. 29.
- Construction unit. O. Stolp. 1,987,498; Jan. 8.
- Construction unit, Resilient. A. B. Merrill. 2,023,280; Dec. 3.
- Constructional block. A. C. Fischer. 1,998,421; Apr. 16.
- Constructional material, Fireproof. B. Ullrich. 1,986,692; Jan. 1.
- Contact carrier. H. A. Douglas. 1,995,172; Mar. 19.
- Contact dehydration, Continuous process. H. F. Fisher. 2,018,302; Oct. 22.
- Contact devices for radio sockets and the like, Making. C. L. Knutsch. 2,004,076; June 4.
- Contact masses, Use of. E. J. Houdry. 1,989,927; Feb. 5.
- Contact points, Forming. R. H. Wiley, C. A. Huston, and C. J. Keller. 2,020,752; Nov. 12.
- Contact resistance, Method of and apparatus for reducing. W. R. Walker. 2,009,213; July 23.
- Contact tip, Removable. R. V. H. Russell. 2,008,927; July 23.
- Contacting Device. M. L. Jeffrey, T. H. Eickhoff, and F. D. Sanborn, Jr. 2,019,051; Oct. 29.
- Contactor for alarm and signal circuits. O. A. Jacobson. 1,990,327; Feb. 5.
- Contactor indicator. T. C. Henneberger. 2,003,443; June 4.
- Contacts, Making self-cleaning. A. Alsaker. 2,000,909; May 14.
- Container: See—
- Adjustable container.
 - Ammunition container.
 - Applicator container.
 - Battery container.
 - Beverage container.
 - Bottle container.
 - Cigar container.
 - Cigarette package container.
 - Cleaning agent container.
 - Clothing container.
 - Collapsible container.
 - Collapsible tube container.
 - Combination container.
 - Deodorant container.
 - Dispensing container.
 - Display container.
 - Dredging container.
 - Drum container.
 - Electrical sealed container.
 - Endless freezing container.
 - Ferroconcrete container.
 - Fiber container.
 - Fiberboard shipping container.
 - Fibrous bodied container.
 - Fire extinguishing container.
 - Fireproof container.
 - Flare container.
 - Flexible container.
 - Foldable bird container.
 - Foldable container.
 - Folding container.
 - Food container.
 - Freight container.
 - Garbage container.
 - Heat insulated container.
 - High pressure container.
 - Hygienic container.
 - Impervious container.
 - Ink container.
 - Insulated metallic container.
 - Key container.
 - Key opening container.
 - Knock-down container.
 - Laminated container.
 - Lamp display container.
 - Laundry container.
 - Lipstick and cosmetic container.
 - Liquid container.
 - Liquid dispensing container.
 - Match container.
 - Measuring and dispensing container.
 - Merchandise container.
 - Metal container.
 - Metallic container.
 - Mobile parcels container.
 - Molded container.
 - Mortuary record container.
 - Music container.
 - Nonresealable container.
 - Oil container.
 - One-piece container.
 - Package container.
 - Packing container.
 - Paper container.
 - Picture container.
 - Plant container.
 - Pouring spout container.
 - Powder container.
 - Progressive container.
 - Railway car type container.
 - Reed container.
 - Reinforced container.
 - Refrigerating container.
 - Refrigerator container.
 - Roll film container.
 - Sachet container.
 - Salve container.
 - Sealed container.
 - Set-up container.
 - Sharp freezing container.
 - Sheet metal container.
 - Shipping and cooling container.
 - Shipping and display container.
 - Shipping and storage container.
 - Shipping container.
 - Tearing strip container.
 - Telescoping container.
 - Tight container.
 - Tobacco container.
 - Tool and accessory container.
 - Toothbrush and paste container.
 - Tooth powder container.
 - Tree container.
 - Vacuum container.
 - Vacuum insulated container.
 - Vacuuminizing and sealing container.
- Container. G. J. Acker. 2,012,942; Sept. 3.
- Container. R. E. Adams. 2,020,227; Nov. 5.
- Container. C. A. Agar. 2,007,438; July 9.
- Container. C. S. Andrews. 2,013,646; Sept. 10.
- Container. L. V. Aronson. 1,991,719; Feb. 19.
- Container. R. L. Bangs. 2,006,705; July 2.
- Container. C. S. Baron. 2,016,980; Oct. 8.
- Container. H. E. Barroll. 1,997,291; Apr. 9.
- Container. A. E. Bruns and H. W. Rueger. 2,008,319; July 16.
- Container. L. O. Buist. 1,992,182; Feb. 26.
- Container. C. Butty. 1,989,075; Jan. 29.
- Container. E. J. Byerlein. 1,993,917; Mar. 12.
- Container. F. C. Clark. 1,995,703; Mar. 26.
- Container. W. B. Collings and D. L. Gibb. 1,988,265; Jan. 15.
- Container. E. Conti. 1,992,144; Feb. 19.
- Container. L. W. Cramer. 2,024,910; Dec. 17.
- Container. E. W. Curtis, Jr. 2,004,501; June 11.
- Container. A. O. Daller. 2,002,364; May 21.
- Container. A. O. Daller. 2,003,925; June 4.
- Container. A. O. Daller. 2,011,438; Aug. 13.
- Container. A. O. Daller. 2,018,707; Oct. 29.
- Container. H. M. Dillhoefer. 1,996,751; Apr. 9.
- Container. H. M. Dillhoefer. 2,024,029; Dec. 10.
- Container. H. M. Dillhoefer, Jr. 2,025,852; Dec. 31.
- Container. F. J. Dolan. 1,988,034; Jan. 15.
- Container. O. M. Driess. 2,026,463; Dec. 31.
- Container. J. M. Driver. 2,003,182; May 28.
- Container. C. H. Duell. 2,021,444; Nov. 19.
- Container. B. S. Eckhaus. 2,016,488; Oct. 8.
- Container. G. C. Erb. 2,004,104; June 11.
- Container. I. Florman. 1,989,590; Jan. 29.
- Container. F. G. Foss. 1,989,091; Jan. 29.
- Container. R. A. Froehlig. 2,008,443; July 16.
- Container. C. Gold. 2,017,693; Oct. 15.
- Container. R. Guyer. 1,998,716; Apr. 23.
- Container. G. W. Hinton. 1,987,063; Jan. 8.
- Container. J. M. Hothersall. 2,004,946; June 18.
- Container. J. M. Hothersall. 2,014,380; Sept. 17.
- Container. J. M. Hothersall. 2,015,015; Sept. 17.
- Container. J. M. Hothersall. 2,017,063; Oct. 15.
- Container. J. M. Hothersall. 2,025,747; Dec. 31.
- Container. W. H. Inman. 1,996,997; Apr. 9.
- Container. J. A. Johnson. 1,993,329; Mar. 5.
- Container. J. S. Johnson. 2,008,762; July 23.
- Container. H. W. Jones. 2,024,227; Dec. 17.
- Container. I. N. Jordan. 2,001,140; May 14.
- Container. S. Karasik. 2,002,742; May 28.
- Container. B. F. Kells. 1,993,516; Mar. 5.
- Container. M. D. Kerr. 2,001,464; May 14.
- Container. L. B. Koch and A. Bodor. 1,985,998; Jan. 1.
- Container. R. W. Krout. 2,011,179; Aug. 13.
- Container. J. C. La Grua. 2,016,863; Oct. 8.
- Container. F. H. Landon. 2,013,243; Sept. 3.
- Container. H. D. Levine. 1,999,598; Apr. 30.
- Container. A. Limbach. 2,024,377; Dec. 17.
- Container. G. B. Lyle. 2,007,685; July 9.
- Container. M. S. MacNaught. 2,004,878; June 11.
- Container. R. W. Manning. 2,000,242; May 7.
- Container. H. H. McKee and C. L. Lohner. 2,017,469; Oct. 15.
- Container. H. L. Myers. 2,024,832; Dec. 17.
- Container. G. C. Nydegger. 2,009,511; July 30.
- Container. W. H. Pashley and L. W. Oliver. 2,015,283; Sept. 24.
- Container. J. F. Peters. 2,013,669; Sept. 10.
- Container. J. F. Peters. 2,022,780; Dec. 3.
- Container. J. Raisin. 1,996,975; Apr. 9.
- Container. A. Ratcliff. 2,004,218; June 11.
- Container. J. C. Reich. 1,998,737; Apr. 23.

- Container. C. H. Rollason. 2,006,963; July 2.
 Container. C. H. Rollason. 2,019,733; Nov. 5.
 Container. E. M. Sargent. 2,006,722; July 2.
 Container. E. J. Schoettle. 2,003,224; May 28.
 Container. H. Sebell. 2,023,151; Dec. 3.
 Container. W. H. Siemon. 2,013,392; Sept. 3.
 Container. E. H. Siler. 2,005,597; June 18.
 Container. S. L. Starkey. 2,019,740; Nov. 5.
 Container. G. Steerup. 2,013,675; Sept. 10.
 Container. A. J. Tanner. 2,023,450; Dec. 10.
 Container. G. B. Usher. 2,007,697; July 9.
 Container. J. M. Young. 2,010,048; Aug. 6.
 Container. J. M. Young. 2,012,213; Aug. 20.
 Container. C. P. Wellman. 1,987,647; Jan. 15.
 Container. C. P. Wellman. 2,003,326; June 4.
 Container. F. Westerbeck. 1,991,969; Feb. 19.
 Container and closure therefor. H. A. Barnby. 2,018,004; Oct. 22.
 Container and closure therefor. F. J. Deady. 2,026,304; Dec. 31.
 Container and closure therefor. A. Potdevin. 2,018,228; Oct. 22.
 Container and closure therefor, Collapsible. R. W. Sherman. 2,013,527; Sept. 3.
 Container and closure therefor, Glass. J. S. Algeo and J. J. Williams. 2,025,031; Dec. 24.
 Container and cooler, Beer. H. Iselin. 2,003,050; May 28.
 Container and cover. J. M. Mancuso and R. E. Blagoue. 2,024,532; Dec. 17.
 Container and dispenser, Toilet paper. W. H. Peters. 2,000,454; May 7.
 Container and dispensing apparatus. A. F. Masury. 1,989,760; Feb. 5.
 Container and drinking vessel, Combined. J. F. Thompson. 2,012,113; Aug. 20.
 Container and fastener therefor. J. H. Todd. 1,991,827; Feb. 19.
 Container and forming same. A. B. Wilson. 1,995,698; Mar. 26.
 Container and garment hanger combined, Moth ball. A. Rosenberg. 1,986,119; Jan. 1.
 Container and its cover. R. Ensko. 2,005,314; June 18.
 Container and lighter assemblage, Dispensing. M. E. Bernhardt. 2,025,845; Dec. 31.
 Container and making same. L. C. Brooks. 2,010,912; Aug. 13.
 Container and making the same. H. T. Scott. 2,006,689; July 2.
 Container and making the same, Dispensing. A. O. Daller. 2,002,363; May 21.
 Container and making same, Liquid. H. H. Pinney and W. H. Klocke. 2,016,512; Oct. 8.
 Container and making the same, Metal. J. F. Werder. 2,006,973; July 2.
 Container and manufacture. J. M. Hothersall. 2,017,460; Oct. 15.
 Container and material, Heat insulating. W. E. Carpenter. 1,993,730; Mar. 12.
 Container and method of forming rims therefor. C. M. MacChesney. 1,991,166; Feb. 12.
 Container and mixer, Fruit juice. P. G. Wagner. 2,018,389; Oct. 22.
 Container and package for matches and the like. W. H. Colgate. 2,013,434; Sept. 3.
 Container and pouring spout. H. Brucker. 2,011,434; Aug. 13.
 Container and processing its contents. J. H. Murch. 1,985,904; Jan. 1.
 Container and producing the same, Glass. E. Graefe. 1,997,055; Apr. 9.
 Container and opening the same. G. E. Dossena. 2,019,254; Oct. 29.
 Container and stacking the same. C. S. Evans. 2,013,712; Sept. 10.
 Container and stirrer, Combined. J. P. Croasdale, Jr. 2,025,379; Dec. 24.
 Container attachment, Ice cream. T. J. Moran. 1,988,044; Jan. 15.
 Container assembling method and jig, Collapsible. S. N. Leopold and H. K. Powell. 2,009,505; July 30.
 Container bottoms, Adjusting. B. J. Davidson. 2,006,446; July 2.
 Container cap construction. A. W. Campbell. 2,015,840; Oct. 1.
 Container carriers, Attachment for. F. K. Flides. 1,988,651; Jan. 22.
 Container carriers, Attachment for. F. K. Flides. 1,988,942; Jan. 22.
 Container closure. G. E. Bennett. 1,996,742; Apr. 9.
 Container closure. S. Greenberg. 1,989,979; Feb. 5.
 Container closure. E. A. Harding. 1,996,292; Apr. 2.
 Container closure. L. S. Harrison. 2,015,625; Sept. 24.
 Container closure. H. B. Hemb. 2,004,407; June 11.
 Container closure. P. Norris. 2,002,125; May 21.
 Container closure. H. C. Rickard. 2,018,033; Oct. 22.
 Container closure. A. A. Saalbach. 2,001,748; May 21.
 Container closure. A. H. Warth. 2,013,119; Sept. 3.
 Container closure. O. I. Waring. 2,016,936; Oct. 8.
 Container closure. M. R. Williams. 2,004,844; June 11.
 Container closure and applicator, Combined. B. S. Thorp. 2,011,545; Aug. 13.
 Container closure means. S. J. Teller. 2,000,200; May 7.
 Container closure, Shrinkable. R. Weingand. 2,008,778; July 23.
 Container construction. H. A. Inman. 1,987,108; Jan. 8.
 Container construction, Sealed. H. B. Rudd. 2,020,329; Nov. 12.
 Container cover. A. F. Pityo and J. F. Mitchell. 2,003,307; June 4.
 Container, dispenser, and the like. S. Osterman. 2,024,741; Dec. 17.
 Container end and making same. C. B. Thayer. 1,988,672; Jan. 22.
 Container filling device, Automatic. E. F. Hulbert. 2,005,545; June 18.
 Container folding mechanism. E. Morey. 2,011,198; Aug. 13.
 Container for absorbent cotton. G. B. Meagher. 2,004,614; June 11.
 Container for asphalt. J. M. Sanders. 2,015,290; Sept. 24.
 Container for automobiles. A. M. McGiff and W. Zeuner. 1,997,941; Apr. 16.
 Container for beer, Refrigerating. H. J. Brockmann. 2,008,171; July 16.
 Container for beer, Storage. R. A. Wilkins. 2,013,325-7; Sept. 3.
 Container for bottles and like vessels. J. M. Cross. 2,016,988; Oct. 8.
 Container for bottles, Sealed transparent. S. C. Miller. 2,025,470; Dec. 24.
 Container for candy packages and the like. D. Black and J. Reid. 2,000,158; May 7.
 Containers for carbonic acid gas and the like, and product thereof, Manufacture of. D. Mapes. 2,026,133; Dec. 31.
 Container for cards. F. H. Hartzell. 2,007,859; July 9.
 Container for cigarette packages. I. Florman. 2,010,783; Aug. 6.
 Container for cigarettes and the like. J. F. Zayas. 1,995,556; Mar. 26.
 Container for compressed gases, Portable. F. S. Marsh and J. H. Bagdaley. 2,015,904; Oct. 1.
 Container for cosmetic sticks and the like. A. Janer. 1,990,031; Feb. 5.
 Container for cosmetics, pharmaceuticals, or the like. L. Philippe. 1,988,088; Jan. 15.
 Container for dispensing powder. J. Coyle. 2,026,462; Dec. 31.
 Container for distilled liquors, Tamperproof. J. M. Cross. 1,996,674; Apr. 2.
 Container for distilled liquors, Tamperproof. F. J. O'Brien. 1,996,682; Apr. 2.
 Container for dressed fowls. L. Nejelski. 1,987,491; Jan. 8.
 Container for film rolls. L. Goldhammer. 2,010,186; Aug. 6.
 Container for fragile articles. G. L. Richmond. 1,994,090; Mar. 12.
 Container for frankfurters and other food articles. S. R. Taylor. 2,011,383; Aug. 13.
 Container for frozen confections. M. Schnaler. 1,987,945; Jan. 15.
 Container for frozen food, Insulated. S. L. Ginsberg. 2,008,906; July 23.
 Container for fruit and the like, Retailing. C. Monschein. 2,001,149; May 14.
 Container for fruit wrap, Paper. W. T. Alexander. 1,987,545; Jan. 8.
 Container for holding and displaying automotive vehicle certificates or like. J. R. Wray. 2,014,641; Sept. 17.
 Container for lip sticks and the like. A. Janer. 2,000,701; May 7.
 Container for liquid tanks, Semiautomatic reserve. G. W. Johnson. 2,007,428; July 9.
 Container for prophylactic rubbers. T. H. Peterson and E. V. Sweeney. 2,008,875; July 23.
 Container for rolled tape, Dispensing. A. A. Pollak. 2,017,570; Oct. 15.
 Container for self-lighting cigarettes. A. H. Fox. 2,006,591; July 2.
 Container for shoe polish. W. W. Wilhelm. 2,019,376; Oct. 29.
 Container for spectacle temples. G. E. Nerney. 2,004,415; June 11.
 Container for time fuses. J. Coyle. 2,025,339; Dec. 24.
 Container for toilet and the like preparations. E. M. Carter. 2,005,933; June 25.
 Container for the transportation of goods. M. M. J. Lefevre-Utile. 2,002,422; May 21.
 Container for tooth powder and the like, Dispensing. M. E. Luther. 1,985,938; Jan. 1.
 Container for tubes and bulbs. W. A. Ringler. 1,988,631; Jan. 22.
 Container for wrenches and the like. E. H. Carroll. 2,025,156; Dec. 24.
 Container, Forming a. W. W. Smith. 1,991,182; Feb. 12.
 Container having a handhold. I. and J. D. III. 2,019,307; Oct. 29.
 Container made of paper. M. E. Gazette. 1,997,188; Apr. 9.
 Container, Making a metal. J. F. Werder. 2,017,361; Oct. 15.
 Container opening attachment for a tap or plug, Metallic. A. L. Maggenti. 1,992,320; Feb. 26.
 Container or display device, Rotary. P. P. VanDyken. 2,017,189; Oct. 15.
 Container or receptacle, Display. M. M. Einson. 2,002,493; May 28.

- Container partition. H. Plautz. 1,995,482; Mar. 26.
 Container parts, Apparatus for sterilizing. G. Steerup. 2,017,079; Oct. 15.
 Container, Preparing a dispensing. O. C. Huffman. 2,016,964; Oct. 8.
 Container, receptacle, and box, Water tight metal. T. T. Tucker. 2,015,205; Sept. 24.
 Container structure. M. C. Lyddane. 2,010,923; Aug. 13.
 Container tipping machine. L. E. Anderson. 1,987,042; Jan. 8.
 Container transfer apparatus. F. K. Fildes. 1,990,538-9; Feb. 12.
 Container transfer apparatus. F. W. Hankins. 2,004,095; June 11.
 Container washing machine. A. Holmquist. 1,997,792; Apr. 16.
 Container with mechanical jack, Shipping. F. H. Schwerin. 2,002,455; May 21.
 Container with nozzle, such for example as oil cans or the like, Liquid. J. K. Robinson. 1,991,523; Feb. 19.
 Container with sealing closure therefor, Covered. C. S. Baron. 2,013,855; Sept. 10.
 Containers and the like, Equipment for carrying. H. O. Davidson. 2,013,950; Sept. 10.
 Containers, Apparatus for closing. E. J. Stanek and E. Malo. 2,008,802; July 23.
 Containers, Apparatus for discharging sealed. C. F. Smith. 1,998,593; Apr. 23.
 Containers, Apparatus for filling metal. J. F. Werder. 1,998,531; Apr. 23.
 Containers, Apparatus for filling metal. J. F. Werder. 2,025,141; Dec. 24.
 Containers, Apparatus for gassing and sealing. J. E. and F. I. Tone. 2,023,824; Dec. 10.
 Containers, Apparatus for making. G. E. West. 1,990,260; Feb. 5.
 Containers, Apparatus for manufacturing. E. Conti. 2,019,117; Oct. 29.
 Containers, Apparatus for raising loaded. B. F. Fitch. 2,020,306; Nov. 12.
 Containers, Apparatus for sterilizing. F. Stegemann. 2,014,750; Sept. 17.
 Containers, Apparatus for testing metal. J. F. Werder. 2,015,208; Sept. 24.
 Containers, Apparatus for treating filled. J. E. and F. I. Tone. 1,992,557; Feb. 26.
 Containers, Apparatus for washing and sterilizing milk pasteurizing. C. E. North. 1,987,865; Jan. 15.
 Containers, Attachment for. G. F. Upham. 2,001,947; May 21.
 Containers, Conditioning. H. F. Taylor and A. H. Cooke. 2,011,426; Aug. 13.
 Containers, Device for displaying. A. E. Ritchie. 2,023,150; Dec. 3.
 Containers, Device for emptying. A. Demmler. 2,009,392; July 30.
 Containers, Device for opening sealed. O. N. Wiswell. 1,994,157-8; Mar. 12.
 Containers, Discharging fluid pressure. S. E. Allen. 2,020,010; Nov. 5.
 Containers for liquid, Manufacturing glass. C. H. Hogan. 2,016,439; Oct. 8.
 Containers, Forming. L. A. Becker. 2,018,621; Oct. 22.
 Containers, Forming sealed. C. E. McManus. 2,004,079; June 4.
 Containers from transparent cellulose sheets, Process and machine for the manufacture of. L. A. Becker and J. M. Munson. 1,990,892; Feb. 12.
 Containers having curved surfaces, Mechanism for stenciling glass or other ceramic. H. S. Brickell, Jr. 2,014,373; Sept. 17.
 Containers having curved surfaces, Method of and apparatus for stenciling glass or other ceramic. H. S. Brickell, Jr. 2,014,372; Sept. 17.
 Containers, Hot plating. I. J. B. Demers. 2,018,951; Oct. 29.
 Containers, Making. A. O. Daller. 1,990,637; Feb. 12.
 Containers, Making. H. M. Ware. 2,006,036; June 25.
 Containers, Making covered. D. H. Zell. 2,018,826; Oct. 29.
 Containers, Making metal. W. F. Punte. 2,026,431; Dec. 31.
 Containers, Making partitioned glass. C. G. Hilgenberg and C. B. Garwood. 2,023,474; Dec. 10.
 Containers, Manufacture of. W. W. Halle. 2,006,548; July 2.
 Containers, Manufacturing. E. L. Walker and J. W. Kieckhefer. 2,017,331; Oct. 15.
 Containers, Mechanism for inverting filled. H. Anderson. 2,007,788; July 9.
 Containers, Method and apparatus for making cast metal. J. Schmeller, Sr. 2,024,950; Dec. 17.
 Containers, Method and apparatus for making metal. J. F. Werder. 1,986,169; Jan. 1.
 Containers, Method of and apparatus for making. W. E. Bowersock and F. J. Spiess. 1,993,205; Mar. 5.
 Containers, Method of and apparatus for making. E. Conti. 1,992,145; Feb. 19.
 Containers, Method of and machine for closing flexible. G. Carter. 1,986,043; Jan. 1.
 Containers, Molding pulp. E. Huff and A. Keiding. 2,023,200; Dec. 3.
 Containers of all kinds, Opening. E. Saignier. 2,005,665; June 18.
 Containers, Printing. R. J. Kieckhefer. 2,019,537; Nov. 5.
 Containers, Producing. O. Hofmann. 2,004,164; June 11.
 Containers, Sealing. I. E. Black, F. J. Hoffer, and H. B. Silver. 2,019,841; Nov. 5.
 Containers, Sealing. J. Mills. 1,989,491; Jan. 29.
 Contamination in solutions, Reduction of. A. H. Hooker. 2,023,271; Dec. 3.
 Contents of fermentation and storage containers, Clearing the. G. Jakob. 2,002,145; May 21.
 Continuator, Automatic. E. Hopkins. 2,015,718; Oct. 1.
 Continue process and apparatus. A. Hartmann, W. Roefinghoff, G. Bauriedel, and W. Ostermann. 2,002,994; May 28.
 Continue process and apparatus. W. Hoefinghoff and A. Hartmann. 2,002,996; May 28.
 Continue process apparatus. A. Hartmann, W. Hoefinghoff, A. Luchtenberg, and H. Kempf. 2,002,995; May 28.
 Continuous fastener. H. E. Sipe. 2,025,021; Dec. 17.
 Continuous furnace. M. Fourment. 2,008,696; July 23.
 Continuous pair furnace. R. M. Fenton. 2,023,318; Dec. 3.
 Contouring device. A. H. Mittag. 1,998,939; Apr. 23.
 Control. J. H. Barse. 2,017,390; Oct. 15.
 Control. V. W. Klierath. 2,018,023; Oct. 22.
 Control, Amplification. K. C. Black. 2,013,297; Sept. 3.
 Control and automatic cut-off valve. P. G. Hornell. 1,993,666; Mar. 5.
 Control and indicating apparatus. F. H. Drake and J. E. Johanson. 1,987,997; Jan. 15.
 Control and mixing apparatus for hot and cold water. C. A. Stumm. 2,014,639; Sept. 17.
 Control and safety apparatus for use on power driven vehicles, Automatic. R. E. Revett. 2,020,160; Nov. 5.
 Control apparatus. D. W. Exner. 2,015,553; Sept. 24.
 Control apparatus. L. R. Hill, H. E. Raymond, and R. H. Sanders. 2,009,659; July 30.
 Control apparatus. J. F. Kovalsky. 1,988,658; Jan. 22.
 Control apparatus. L. G. Riley. 1,987,709; Jan. 15.
 Control apparatus. L. G. Riley. 1,991,229; Feb. 12.
 Control apparatus. J. E. Williamson. 2,001,320; May 14.
 Control apparatus, Automatic. W. S. Anderson, Jr. 1,988,643; Jan. 22.
 Control apparatus for aeroplanes and other dirigible objects. F. W. Meredith. 1,992,086; Feb. 19.
 Control apparatus for car connectors. W. H. Smith. 2,003,017; May 28.
 Control apparatus for electrically actuated valves and other devices, Remote. M. J. Berlyn. 1,997,246; Apr. 9.
 Control apparatus for fluid pressure actuated devices. F. G. and W. M. Folberth. 2,018,844; Oct. 29.
 Control apparatus for furnace air. J. H. Walker. 2,013,704; Sept. 10.
 Control apparatus for heating systems. H. W. Royce. 2,023,445; Dec. 10.
 Control apparatus for internal combustion engines. J. B. Dyer. 2,016,417; Oct. 8.
 Control apparatus for lift bridges. W. L. Six. 1,991,336; Feb. 12.
 Control apparatus for liquid fuel burners. P. H. Herring. 1,989,860; Feb. 5.
 Control apparatus for radio receiving sets, Remote. H. Y. Henning. 1,999,609; Apr. 30.
 Control apparatus for railway switches. W. C. McWhirter. 2,022,359; Nov. 26.
 Control apparatus for refrigeration machines. G. E. Hulse. 2,004,503; June 11.
 Control apparatus for use with liquid receivers and the like. F. Rottmann. 1,997,121; Apr. 9.
 Control apparatus, Multiple. H. A. Thompson. 2,025,005; Dec. 17.
 Control apparatus, Remote. G. L. R. J. Messier. 2,013,665; Sept. 10.
 Control apparatus, Remote. C. M. Sinnett and M. E. Karns. 2,025,783; Dec. 31.
 Control arrangement. E. Dobler, F. Schulz, and L. Holm. 2,013,435; Sept. 3.
 Control arrangement for a motion picture camera. O. Wittel. 2,011,350; Aug. 13.
 Control arrangement for tandem operation pressing machines. E. A. Mall. 2,005,043; June 18.
 Control, Automatic. A. E. Krogh. 2,000,235; May 7.
 Control by intertube coupling devices, Dynamic. J. H. Hammond, Jr. 1,998,620; Apr. 23.
 Control device. M. W. Bowen. 1,997,923; Apr. 16.
 Control device. E. J. Dillman. 1,992,155; Feb. 19.
 Control device. G. B. Duffield. 2,008,323; July 16.
 Control device. L. W. Eggleston and E. J. Dillman. 1,994,988; Mar. 19.
 Control device. D. H. Mitchell. 2,004,918; June 11.
 Control device. S. D. Mitereff. 2,015,861; Oct. 1.
 Control device. F. A. Parsons. 2,008,769; July 23.
 Control device. V. W. Peterson. 2,019,766; Nov. 5.
 Control device. J. E. Renholdt. 2,002,798; May 28.
 Control device. J. A. Spencer. 2,010,649; Aug. 6.
 Control device. F. A. Walker. 2,023,256; Dec. 3.
 Control device. A. J. Weatherhead, Jr. 1,986,232; Jan. 1.
 Control device. R. K. Winning. 1,989,961; Feb. 5.
 Control device, Automatic. D. J. Stewart. 1,997,604; Apr. 16.
 Control device for aircraft, Automatic. J. M. Boykow. 2,005,530; June 18.
 Control device for impulse turbines. M. Reiffenstein. 2,026,436; Dec. 31.

- Control device for incandescent lamp cinematographic apparatus. K. Rosenberg. 2,026,437; Dec. 31.
- Control device for machines. A. K. Marsh. 2,015,947; Oct. 1.
- Control device for pumping systems. E. Mendenhall and J. B. Van Horn. 2,002,912; May 28.
- Control device for radioreceivers, Remote. A. A. Thomas. 2,002,443; May 21.
- Control device for rolling mills. C. E. Bedell. 2,003,129; May 28.
- Control device for sleds. L. P. Browne and E. Staffieri. 2,008,488; July 16.
- Control device for the knitting members of flat knitting machines particularly pearl machines. H. Diem. 2,021,624; Nov. 19.
- Control device, Remote. P. L. S. Lum. 2,007,577; July 9.
- Control device such as switches and the like. S. M. Roberts. 1,998,639; Apr. 23.
- Control, Electrical. I. E. McCabe. 2,024,697; Dec. 17.
- Control equipment, Automatic. H. Bany. 2,004,776; June 11.
- Control for absorption refrigerating apparatus. S. Rupprich. 1,992,842; Feb. 26.
- Control for aerofolios, etc. G. D. Mattioli. 2,026,482; Dec. 31.
- Control for air conditioning systems. T. K. Greenlee. 2,004,940; June 18.
- Control for automatic air brake apparatus. M. Reynolds. 1,992,443; Feb. 26.
- Control for automobile lighting systems. A. P. Pinkler. 1,999,781; Apr. 30.
- Control for baby carriages, Foot. J. Michal. 2,004,470; June 11.
- Control for bean cutters, Power driven. E. M. Sciarini. 2,013,191; Sept. 3.
- Control for contour reproduction. E. D. Lilja. 2,025,062; Dec. 24.
- Control for coupling devices. R. M. Planck. 2,015,191; Sept. 24.
- Control for electric elevators, Remote. W. J. Tracy. 1,996,984; Apr. 9.
- Control for elevators, System of. S. N. Rubin. 2,002,986; May 28.
- Control for excavators. K. Wissmann. 1,988,862; Jan. 22.
- Control for fans, blowers, and pumps. T. B. Collins. 1,991,659; Feb. 19.
- Control for fluid brakes, Automatic. E. C. Hess. 2,008,393; July 16.
- Control for fuel burners, Thermostatic. J. J. Jorgensen. 2,011,899; Aug. 20.
- Control for gaseous discharge lamps. E. O. Erickson. 1,997,787; Apr. 16.
- Control for gyration-type washing machines. L. B. Green. 2,002,573; May 28.
- Control for heating systems. W. E. Stark. 2,013,450; Sept. 3.
- Control for hydraulic feed mechanism, Automatic. G. A. Perry. 1,986,848; Jan. 8.
- Control for hydraulic power transmission, Timing. H. E. Winkler. 2,008,535; July 16.
- Control for ice-cream freezers, Automatic. C. F. Thompson. 1,999,794; Apr. 30.
- Control for infinitely variable transmission. W. D. Gove. 1,996,805; Apr. 9.
- Control for intermittent absorption refrigeration apparatus, Automatic. L. S. Chadwick, M. Resek, and W. G. Midnight. 1,991,271; Feb. 12.
- Control for internal combustion engines. J. H. Blankenbuehler. 1,991,074; Feb. 12.
- Control for internal combustion engines. A. N. Gustafson. 2,023,418; Dec. 10.
- Control for internal combustion engines, Automatic. J. F. Campbell. 2,008,577; July 16.
- Control for jacquard looms, Stop motion. L. C. Brady. 2,002,429; May 21.
- Control for motor vehicles. F. W. Jarvis. 1,990,828; Feb. 12.
- Control for motor vehicles. F. W. Jarvis. 2,021,858; Nov. 19.
- Control for motor vehicles. M. T. Lothrop. 2,014,854; Sept. 17.
- Control for paper machine driers, Automatic. N. B. Gibbs. 2,020,056; Nov. 5.
- Control for pipe organs, Registration. D. S. Barrows. 2,006,291; June 25.
- Control for power operated machinery, Electric. J. J. Mellon. 1,993,413; Mar. 5.
- Control for presses, Safety. L. M. Kahn. 2,020,839; Nov. 12.
- Control for presses, Two-hand. G. S. Baldwin. 2,022,645; Dec. 3.
- Control for projection arcs. J. K. Elderkin. 1,995,502; Mar. 26.
- Control for radial drills, Duplex. L. L. Schauer, A. M. Sosa, and J. H. McKewen. 2,000,421; May 7.
- Control for railway signal systems. F. H. Richterking. 2,003,266; May 28.
- Control for recording instruments, Stress strain. R. B. Lewis. 2,019,313; Oct. 29.
- Control for refrigeration systems. G. Muffy. 1,990,663; Feb. 12.
- Control for rotary drills, Hydraulic. J. C. Fortune. 1,992,746; Feb. 26.
- Control for shearing apparatus. R. H. Wright. 2,003,027; May 28.
- Control for sheet rolling mills. H. E. Balsiger. 2,025,562; Dec. 24.
- Control for shoe pressing elements. C. A. and O. C. F. Meisel. 1,989,600; Jan. 29.
- Control for vehicle suspension, Automatic. A. V. Bedford and D. C. Hoffman. 2,021,043; Nov. 12.
- Control for welding, Electric arc. L. J. Larson. 2,020,278; Nov. 5.
- Control head. W. E. King. 2,002,539; May 28.
- Control head. J. D. Spalding. 2,023,033; Dec. 3.
- Control instrument. D. H. Annin. 1,988,348; Jan. 15.
- Control instrument. D. H. Annin. 2,007,671; July 9.
- Control lever and shafting. C. E. Hathorn. 1,990,990; Feb. 12.
- Control means. P. S. Russel. 2,019,461; Oct. 29.
- Control means, Airfoil. G. E. Barnhart. 2,005,965; June 25.
- Control means for bookkeeping machines. W. A. Anderson. 2,020,282; Nov. 12.
- Control means for driving and driven elements. M. Leichsenring, Jr. 2,023,961; Dec. 10.
- Control means for electrical apparatus. C. F. Wagner. 2,010,571; Aug. 6.
- Control means for electrically actuated devices. R. T. Newton. 1,997,780; Apr. 16.
- Control means for gas filled rectifiers. D. V. Edwards and E. K. Smith. 1,986,627; Jan. 1.
- Control means for rectifier tubes. D. V. Edwards. 2,021,482; Nov. 19.
- Control means for varying the relative speeds of members driven through a common differential mechanism. H. A. Centervall. 2,004,929; June 18.
- Control means for vehicle brakes. C. A. Sawtelle. 2,008,425; July 16.
- Control means for well drilling equipments. M. Stone and R. Baudry. 2,005,877; June 25.
- Control means for windshields. A. W. Potter. 1,992,885-7; Feb. 26.
- Control mechanism. E. T. Dahl. 1,987,364; Jan. 8.
- Control mechanism. E. T. Dahl. 2,016,317; Oct. 8.
- Control mechanism. E. T. Dahl. 2,002,692; May 28.
- Control mechanism. H. A. Douglas. 1,997,209; Apr. 9.
- Control mechanism. H. L. Haynes. 2,024,162; Dec. 17.
- Control mechanism. K. H. Hubbard and J. A. Widmer. 1,995,427; Mar. 26.
- Control mechanism. R. J. Jacker. 2,021,553; Nov. 19.
- Control mechanism. A. R. Mabey. 1,987,200; Jan. 8.
- Control mechanism. A. S. Nelson. 2,008,150; July 16.
- Control mechanism. R. S. Sanford. 2,002,511; May 28.
- Control mechanism. R. S. Sanford. 2,006,412; July 2.
- Control mechanism. L. R. Smith and W. A. Minkler. 1,994,441; Mar. 12.
- Control mechanism. P. C. Temple. 2,001,958; May 21.
- Control mechanism, Automatic. H. E. Balsiger. 2,001,447; May 14.
- Control mechanism, Automatic. G. P. E. Howard. 2,001,348; May 14.
- Control mechanism, Automatic. A. H. Reiber. 1,997,601; Apr. 16.
- Control mechanism for belt driven apparatus. R. C. Straube. 2,002,648; May 28.
- Control mechanism for burners. R. W. De Lancey. 2,021,647; Nov. 19.
- Control mechanism for electric motors, Automatic. A. C. Durdin, Jr. 2,000,899; May 14.
- Control mechanism for electric toasters or the like. W. L. O'Neill. 1,987,703; Jan. 15.
- Control mechanism for fluid fuel burners. W. W. Williams. 1,991,185; Feb. 12.
- Control mechanism for fluid pressure cylinders. F. G. and W. M. Folberth. 2,008,442; July 16.
- Control mechanism for furnace blowers. R. G. Standerwick. 2,007,777; July 9.
- Control mechanism for glass feeding apparatus, Automatic. S. S. Grotta. 2,010,777; Aug. 6.
- Control mechanism for grinding machines. H. A. Silven. 2,016,932; Oct. 8.
- Control mechanism for hydraulic devices. R. Erling. 1,998,189; Apr. 16.
- Control mechanism for hydraulic devices. R. Erling. 2,023,168; Dec. 3.
- Control mechanism for hydraulic power systems. H. A. Centervall. 2,004,928; June 18.
- Control mechanism for intermittent gas refrigerators. F. J. Bast. 1,988,774; Jan. 22.
- Control mechanism for machine tools. G. D. Sundstrand. 1,987,450; Jan. 8.
- Control mechanism for motor vehicles. H. E. Stein. 2,020,440; Nov. 12.
- Control mechanism for typewriting machines. H. A. Footorap. 2,002,695; May 28.
- Control mechanism for variable speed gear boxes, Automatic. G. W. Haycock and D. Campbell. 2,021,550; Nov. 19.
- Control mechanism for warping machines and the like. F. Klein. 2,001,064; May 14.
- Control mechanism particularly for controlling preselective change-speed gearing. E. F. Puls. 2,003,226; July 16.
- Control mechanism. Power operated. A. Ronning. 2,005,243; June 18.
- Control mechanism. Pressure responsive hydraulic feed. H. Ernst. 1,996,466; Apr. 2.
- Control mechanism, Speed. G. Grimsley. 2,006,136; June 25.

- Control of combustion furnaces, Automatic. L. Satchwell. 2,012,322; Aug. 27.
- Control of dynamics of sound. J. H. Hammond, Jr. 1,998,619; Apr. 23.
- Control of electric circuit by means of electron tubes. M. Steenbeck. 1,987,645; Jan. 15.
- Control of electric vacuum discharge tubes. R. G. Bertold, M. Steenbeck, and A. von Engel. 2,020,930; Nov. 12.
- Control of electrical devices, Remote. H. R. Mallory and S. Ruben. 2,002,541; May 28.
- Control of heat exchange. J. W. Harrison. 1,987,933; Jan. 15.
- Control of heavy objects, Positional. B. A. Wittkuhn. 1,999,645; Apr. 30.
- Control of heavy objects, Remote. F. L. Moseley. 2,008,364; July 16.
- Control of high frequency generators. E. Asch. 1,990,216; Feb. 5.
- Control of liquid and gas flow, Multidirectional. G. Fluck. 2,008,248; July 16.
- Control of motion of movable blades on blade wheels, Device for the. J. Ehrhart. 2,015,514; Sept. 24.
- Control of printing means. O. J. Sundstrand. 2,011,306; Aug. 13.
- Control of temperature and fluid distribution in contact masses. E. J. Houdry. 1,987,905; Jan. 15.
- Control of temperatures in chemical reactions. I. T. Thornton. 2,007,510; July 9.
- Control operating. J. T. Nichols. 2,005,157; June 18.
- Control operating mechanism. R. D. McDill. 1,990,048; Feb. 5.
- Control, Positive two-hand. E. Davis. 1,991,598; Feb. 19.
- Control regulator motor, Remote. E. H. White. 2,004,622; June 11.
- Control structure, Electric. L. M. Persons. 2,020,618; Nov. 12.
- Control switch. M. E. Henning. 1,997,190; Apr. 9.
- Control system. L. R. Allison and N. W. Lindsay. 2,019,063; Oct. 29.
- Control system. V. J. Andrew. 2,000,685; May 7.
- Control system. H. Bany. 1,992,808; Feb. 26.
- Control system. G. L. Beers. 2,020,275; Nov. 5.
- Control system. R. K. Crooks. 2,019,074; Oct. 29.
- Control system. A. P. Danz. 2,025,575; Dec. 24.
- Control system. J. W. Dawson. 2,011,970; Aug. 20.
- Control system. W. F. Eames. 2,003,041; May 28.
- Control system. M. A. Edwards. 1,985,981-2; Jan. 1.
- Control system. P. W. Forsberg. 2,020,114; Nov. 5.
- Control system. R. W. Gemmell. 2,012,425; Aug. 27.
- Control system. J. H. S. Hamer. 2,023,420; Dec. 10.
- Control system. R. M. Hardgrove. 2,012,934; Aug. 27.
- Control system. S. C. Henton and M. B. Rankin. 2,003,047; May 28.
- Control system. W. R. King. 2,002,374; May 21.
- Control system. L. J. Koci. 2,005,586; June 18.
- Control system. H. B. LaRogue and F. R. Elder. 2,016,148; Oct. 1.
- Control system. J. S. Manton. 1,986,114; Jan. 1.
- Control system. J. W. McNairy and H. G. Moore. 2,012,824; Aug. 27.
- Control system. J. W. McNairy and H. S. Ogden. 2,006,173; June 25.
- Control system. J. W. McNairy and J. F. Tritle. 2,017,699; Oct. 15.
- Control system. A. H. Mittag. 1,998,938; Apr. 23.
- Control system. F. Mohler. 1,989,523; Jan. 29.
- Control system. F. Mohler. 2,011,371; Aug. 13.
- Control system. M. M. Morack. 2,008,512; July 16.
- Control system. J. H. Payne. 2,001,543; May 14.
- Control system. F. B. Powers. 1,997,699; Apr. 16.
- Control system. T. R. Rhea and L. A. Umansky. 2,023,243; Dec. 3.
- Control system. A. S. Rufsvold. 2,011,653; Aug. 20.
- Control system. C. C. Runner. 2,019,320; Oct. 29.
- Control system. J. E. Specht. 1,989,829; Feb. 5.
- Control system. C. G. Suits. 1,989,501; Jan. 29.
- Control system. M. Sultzer and L. K. Swart. 1,994,624; Mar. 19.
- Control system. W. R. Wickerham. 2,024,713; Dec. 17.
- Control system. N. H. Wilby. 2,000,728; May 7.
- Control system. B. J. Wilson. 2,010,577; Aug. 6.
- Control system. F. S. Wright. 1,989,538; Jan. 29.
- Control system. O. Winsche. 2,026,410; Dec. 31.
- Control system and apparatus for power generating equipment. S. L. Kerr. 1,989,481; Jan. 29.
- Control system and apparatus for power generating equipment. S. L. Kerr. 2,010,594; Aug. 6.
- Control system and apparatus, Selective. L. M. Potts. 2,024,012; Dec. 10.
- Control system and relay device therefor. G. W. Smith. 2,016,824; Oct. 8.
- Control system and to the control of fluid operated mechanism. M. Maag. 2,005,867; June 25.
- Control system, Automatic. W. J. Hajek. 1,997,559; Apr. 9.
- Control system, Automatic. W. J. Kerr. 2,015,855; Oct. 1.
- Control system, Automatic. C. Wilhelm. 1,999,027; Apr. 23.
- Control system, Electric. A. S. FitzGerald. 2,021,099; Nov. 12.
- Control system, Electric. A. E. Haff. 1,993,057; Mar. 5.
- Control system for air conditioning apparatus. R. W. Hastings. 1,995,805; Mar. 26.
- Control system for automobile power testing devices, Fluid pressure. J. L. Shroyer. 2,012,109; Aug. 20.
- Control system for brakes for the wheels of aircraft. F. J. Tarris. 2,024,549; Dec. 17.
- Control system for burners producing high temperature flames. G. D. Bower. 2,003,624; June 4.
- Control system for circulation in hot air furnaces. D. G. Taylor. 2,008,776; July 23.
- Control system for electric welders. J. V. Caputo. 2,018,646; Oct. 22.
- Control system for electron discharge devices. W. D. Cockrell. 1,998,950; Apr. 23.
- Control system for high frequency apparatus. L. A. Gebhard. 1,997,579; Apr. 16.
- Control system for motor-driven vehicles. A. G. Guenther. 2,020,640; Nov. 12.
- Control system for oil-electric locomotives. W. S. H. Hamilton. 2,021,005; Nov. 12.
- Control system for plural valves. J. P. Kriebbaum. 1,991,807; Feb. 19.
- Control system for radio broadcast receivers, Remote. A. S. Blatterman. 2,003,877; June 4.
- Control system for radio receiving instruments. E. E. Temple. 2,010,044; Aug. 6.
- Control system for rolling mills, Automatic. B. R. Shover. 1,994,290; Mar. 12.
- Control system for tabulators, Automatic. C. D. Lake and G. Lowkrantz. 1,987,343; Jan. 8.
- Control system for theater lighting circuits. A. LeR. Upton. 2,006,223; June 25.
- Control system for transmissions. P. R. Wheeler. 2,026,152; Dec. 31.
- Control system for use with electrical amplifiers. O. E. Keall. 2,010,998; Aug. 13.
- Control system, Remote. A. R. Hopkins. 1,999,359; Apr. 30.
- Control system, Remote. A. B. Miller. 2,004,209; June 11.
- Control, Thermal electric. H. W. Partlow. 2,020,735; Nov. 12.
- Control, Two-hoist. F. W. Hild. 2,009,889; July 30.
- Control unit. J. E. Grimm. 1,986,892; Jan. 8.
- Control unit for linecasting and composing machines. M. T. Goetz and L. M. Walden. 2,006,860; July 2.
- Control unit for linecasting and composing machines. L. M. Walden. 2,006,848; July 2.
- Control valve. J. L. Adams, Jr. 2,015,055; Sept. 24.
- Control valve. J. Auger. 2,014,997; Sept. 17.
- Control valve. R. V. Proctor and W. T. Stephens. 1,991,227; Feb. 12.
- Control valve, Automatic. B. Gregory. 1,999,095; Apr. 23.
- Control valve, High pressure greasing. J. W. Woodruff. 2,012,031; Aug. 20.
- Control with interceptor for stokers. H. S. Morton. 2,016,553; Oct. 8.
- Controller. P. C. Temple. 1,992,048; Feb. 19.
- Controller apparatus. C. W. Bristol and P. A. Borden. 2,000,739; May 7.
- Controller for dental engines and the like. H. A. Whiteside. 2,008,053; July 16.
- Controller for inductive devices. D. C. Wright. 2,020,670; Nov. 12.
- Controller for inhalers, Exhalatory. H. V. O'Connell. 2,016,212; Oct. 1.
- Controller for internal combustion engine starters, Automatic. G. B. Sayre. 2,013,189; Sept. 3.
- Controller hitch for soil-working implements. H. N. Wright. 2,022,701; Dec. 3.
- Controller, Means to illuminate a. W. C. Edwards. 1,997,457; Apr. 9.
- Controlling and indicating mechanism for winding apparatus. E. J. McIlvried. 1,990,834; Feb. 12.
- Controlling apparatus, Electric. F. G. Logan. 1,997,179; Apr. 9.
- Controlling apparatus for highway crossing signals. H. A. Thompson. 1,998,175; Apr. 16.
- Controlling apparatus for motion picture projecting machines. R. S. Bissinger and H. S. Warren. 1,988,069; Jan. 15.
- Controlling apparatus, Remote. H. A. Wallace. 1,998,178; Apr. 16.
- Controlling arrangement for a gas burner. F. W. Stockmeyer and W. Römmelt. 2,002,513; May 28.
- Controlling device. W. A. Smith, Sr. 2,011,424; Aug. 13.
- Controlling device. E. G. Thomas. 2,002,379; May 21.
- Controlling device for electrically operated brocade looms. Selective. K. Nakanishi. 2,020,429; Nov. 12.
- Controlling device for gas burners. G. Hegwein, W. Römmelt and F. W. Stockmeyer. 2,025,413; Dec. 24.
- Controlling device for heating systems. C. Rosenblad. 1,993,685; Mar. 5.
- Controlling device for refrigerating apparatus. W. F. Nickel. 2,012,136; Aug. 20.
- Controlling device for the drainage of the steam cylinder in an auxiliary plant of a locomotive. L. Hladik. 2,015,182; Sept. 24.
- Controlling device for the main clutch in motor vehicles. K. Maybach. 1,999,366; Apr. 30.
- Controlling device for valves. C. C. Hansen. 1,988,945; Jan. 22.
- Controlling device, Production. O. C. Roesen. 1,992,840; Feb. 26.

- Controlling means for double-acting reciprocating engines without flywheel. F. Tolkien. 1,986,084; Jan. 1.
- Controlling means for fluid motors. E. Davis. 2,006,629; July 2.
- Controlling means for flying shears or the like. H. L. Schreck. 2,022,574; Nov. 26.
- Controlling means for heaters. M. W. Hanks. 2,010,664; Aug. 6.
- Controlling means for storage batteries, Charge. F. G. Beeten. 2,012,903; Aug. 27.
- Controlling means for valves. F. C. Arey and D. E. Hibner, Jr. 2,012,900; Aug. 27.
- Controlling mechanism for steaming machines. P. M. Nejedly. 2,019,721; Nov. 5.
- Controlling mechanism for taximeters, Automatic. G. C. Coil. 2,018,053; Oct. 22.
- Controlling mechanism for vehicle dump doors. J. D. Benbow and D. A. Palmer. 2,005,727; June 25.
- Controlling mechanism for warp uniting machines. F. Klein. 2,017,211; Oct. 15.
- Controlling system for sound recording devices. F. Hall. 2,004,893; June 11.
- Controls for reverse gearing. A. A. Hodgkins. 2,023,229; Dec. 3.
- Convection current motor. E. R. Roach. 2,020,518; Nov. 12.
- Convenience outlet. J. H. Grigg. 1,993,881; Mar. 12.
- Conversion articles, Method and product for selective. F. N. Manley. 1,997,467; Apr. 9.
- Conversion process. V. Voorhees. 2,005,118; June 18.
- Conversion products from natural resins and esters thereof, Manufacture of new. J. Binapfl. 2,011,673; Aug. 20.
- Conversion products of caoutchouc, Production of. E. Walz. 1,987,171; Jan. 8.
- Conversion products of rubber, Production of. W. Breuers. 2,016,102; Oct. 1.
- Conversion products of rubber, Production of. H. Hopff, F. Ebel, and E. Valko. 1,988,448; Jan. 22.
- Converter. T. A. Cohen. 1,994,635; Mar. 19.
- Converter. F. I. Hiss. 2,010,364; Aug. 6.
- Converter. I. Hechenbleikner. 2,024,733; Dec. 17.
- Converter. G. F. Ude. 2,017,517; Oct. 15.
- Converter punching apparatus. G. C. Roysse. 1,999,640; Apr. 30.
- Converter punching machine. O. A. Olmstead. 2,008,795; July 23.
- Converter, Rotary. E. Schmidt. 1,994,029; Mar. 12.
- Convertible body. R. L. Carr. 2,015,547; Sept. 24.
- Convertible hand bag. L. J. Rodgers. 2,018,809; Oct. 29.
- Convertible upright drill. L. L. Schauer and A. M. Sosa. 2,022,436; Nov. 26.
- Conveyer. H. Bocaty. 2,019,389; Oct. 29.
- Conveyer. R. E. Briggs. 1,999,863; Apr. 30.
- Conveyer. H. K. Burgess and P. F. Duber. 2,024,816; Dec. 17.
- Conveyer. S. J. Burke. 1,996,142; Apr. 2.
- Conveyer. A. De Los Sinden. 1,995,589; Mar. 26.
- Conveyer. N. W. Elmer. 1,991,887; Feb. 19.
- Conveyer. J. Hirshfeld. 1,997,060; Apr. 9.
- Conveyer. J. J. Lawlor. 2,013,858; Sept. 10.
- Conveyer. H. R. Perry and C. S. Jennings. 2,000,417; May 7.
- Conveyer. C. K. Povear. 2,002,830; May 28.
- Conveyer. A. Redler. 2,007,874; July 9.
- Conveyer. A. Redler. 2,012,831; Aug. 27.
- Conveyer. J. E. Regan. 2,011,827; Aug. 20.
- Conveyer. R. J. Roland. 2,000,499; May 7.
- Conveyer. N. M. Rosendahl. 2,014,636; Sept. 17.
- Conveyer. A. D. Sinden. 1,999,484; Apr. 30.
- Conveyer. E. Sneesby. 2,025,620; Dec. 24.
- Conveyer. E. H. Spiegl. 2,005,442; June 18.
- Conveyer. C. T. Walter. 2,006,091; June 25.
- Conveyer. M. L. Watson and J. C. Walter. 1,990,805; Feb. 12.
- Conveyer. J. L. Wentz. 1,989,537; Jan. 29.
- Conveyer and conveyer enclosure unit. J. Hirshfeld. 2,009,846; July 30.
- Conveyer apparatus. E. W. Heintges. 2,018,360; Oct. 22.
- Conveyer apparatus. S. M. Mercier. 1,999,419; Apr. 30.
- Conveyer apparatus. A. G. Rose. 1,987,571; Jan. 15.
- Conveyer apparatus for dough working machinery. C. S. Brykczynski and J. Kosman. 2,021,251; Nov. 19.
- Conveyer bands, Device for cleaning and greasing. F. Haug. 2,018,719; Oct. 29.
- Conveyer, Belt. J. T. Needham. 2,014,447; Sept 17.
- Conveyer belt unloader. W. W. Wentz and A. D. Heyl. 1,989,502; Jan. 29.
- Conveyer chain. W. A. Dickinson. 2,011,14; Aug. 13.
- Conveyer chain. W. E. Schaefer. 2,021,748; Nov. 19.
- Conveyer chain. R. R. Worrall. 2,010,124; Aug. 6.
- Conveyer curve. L. R. Collar. 2,001,773; May 21.
- Conveyer device. C. G. O'Hara. 1,998,249; Apr. 16.
- Conveyer device. C. G. O'Hara. 2,010,788; Aug. 6.
- Conveyer for drying plants. F. I. E. Stenfors and P. G. Artelius. 1,999,066; Apr. 23.
- Conveyer for kilns. L. L. Ladd. 2,003,450; June 4.
- Conveyer for labeling machines and the like. C. Holm. 2,026,172; Dec. 31.
- Conveyer for production lines. W. C. Heath. 1,999,657; Apr. 30.
- Conveyer for shoe factories. P. Mattler. 2,017,156; Oct. 15.
- Conveyer for vegetable and fruit fumigating devices. N. T. Brown. 2,006,343; July 2.
- Conveyer, Gathering or pick-up. F. Cartledge. 2,014,079; Sept. 10.
- Conveyer hook for overhead pipe-tracks and the like. J. S. K. Nissen. 1,991,818; Feb. 19.
- Conveyer idler. Self-aligning belt. W. W. Sayers. 2,012,089; Aug. 20.
- Conveyer mechanism. D. M. Davis. 1,999,587; Apr. 30.
- Conveyer mechanism. G. B. Norris. 1,986,596; Jan. 1.
- Conveyer mechanism for machines for handling bread. W. A. Hayssen. 2,022,911; Dec. 3.
- Conveyer, particularly for use in continuous film processing machines. C. Z. Case and C. R. Sanford. 1,991,137; Feb. 12.
- Conveyer, Pneumatic. F. P. Bingman. 2,012,077; Aug. 20.
- Conveyer roller. M. L. Watson and J. C. Walter. 1,990,806; Feb. 12.
- Conveyer. Screening and cooling. J. N. Vandegrift. 1,986,950; Jan. 8.
- Conveyer system. S. T. Hart and W. A. Marcy. 2,002,009; May 21.
- Conveyer system. W. C. Heath. 1,994,646; Mar. 19.
- Conveyer system. C. R. Hughes. 1,999,932; Apr. 30.
- Conveyer system, Selective. J. B. Webb and N. H. Preble. 1,986,420; Jan. 1.
- Conveyer transfer. F. Griffith. 2,016,268; Oct. 1.
- Conveyer trolley. F. W. Lorig. 2,017,404; Oct. 15.
- Conveying and delivering mechanism. E. G. Rix and W. H. Lyman. 1,993,807; Mar. 12.
- Conveying and elevating mechanism. L. G. Plant. 1,993,800; Mar. 12.
- Conveying and loading mechanism. N. D. Levin. 2,017,005; Oct. 8.
- Conveying and stacking means, Merchandise. A. J. Clancy. 1,996,458; Apr. 2.
- Conveying and supporting mechanism. H. A. Dreffeln. 2,010,295; Aug. 6.
- Conveying apparatus. G. R. Roemer. 1,999,596; Apr. 30.
- Conveying apparatus. J. F. Stephens. 2,007,910; July 9.
- Conveying apparatus for hardening rooms. R. R. Worrall. 2,024,675; Dec. 17.
- Conveying device. C. W. Goodsman. 2,008,445; July 16.
- Conveying mechanism. E. B. Gellatly. 2,019,961; Nov. 5.
- Conveying mechanism. H. S. Johns. 2,013,242; Sept. 3.
- Conveying mechanism. A. J. Schenk. 1,990,050; Feb. 5.
- Conveying mechanism. A. J. Walter, Jr. 1,998,109; Apr. 16.
- Conveying mechanism for wrapping machines. M. J. Mil-moe. 2,016,820; Oct. 8.
- Conveying system. F. A. Bean. 1,991,652; Feb. 19.
- Conveyor for cotton. J. A. Streun. 2,018,289; Oct. 22.
- Cooker. H. J. Boiardi. 2,013,906; Sept. 10.
- Cooker. E. Collat and W. A. Kant. 2,011,035; Aug. 13.
- Cooker and food warming device, Steam. O. B. Troeber and W. S. Halstead. 2,024,259; Dec. 17.
- Cooker, Combination. G. C. Roedl. 2,022,152; Nov. 26.
- Cooker, Electric. W. C. Rehm. 2,001,285; May 14.
- Cooker, Electric. C. N. Smith. 2,007,260; July 9.
- Cooker, Electric storage. O. W. Humphreys and C. W. Stopford. 2,008,551; July 16.
- Cooker, Fryer, and bun warmer, Combination. T. E. McEvoy. 1,991,906; Feb. 19.
- Cooker, Meat. H. S. Johnson and A. C. Schroeder. 1,990,734; Feb. 12.
- Cooker, Portable electric. J. Fletcher. 2,004,937; June 18.
- Cooker, Pressure. C. Nelson. 2,022,868; Dec. 3.
- Cooker, Sandwich. W. F. Merritt. 1,990,412; Feb. 5.
- Cooker, Sausage. J. R. Voeller. 2,012,840; Aug. 27.
- Cooker, Sausage. R. H. Young. 1,993,353; Mar. 5.
- Cooking and frying apparatus. J. B. Ciero and C. Rieg. 2,010,219; Aug. 6.
- Cooking and like apparatus. H. D. Galvin. 2,017,399; Oct. 15.
- Cooking and molding device. W. A. Parr. 1,989,287; Jan. 29.
- Cooking and subsequent cooling of hermetically sealed cans, Apparatus for pressure. K. Omsted. 1,987,414; Jan. 8.
- Cooking apparatus. H. T. Hunter. 2,006,832; July 2.
- Cooking apparatus. S. Sauvage. 2,007,876; July 9.
- Cooking apparatus. J. L. Shroyer. 2,009,790 1; July 30.
- Cooking apparatus. J. J. Townsend. 1,999,430; Apr. 30.
- Cooking apparatus. R. L. Uhl. 2,009,792; July 30.
- Cooking apparatus. G. Van Voorst, Jr. 2,004,024; June 4.
- Cooking, Apparatus for. C. Offenbauer. 1,986,115; Jan. 1.
- Cooking, Apparatus for. V. J. Persiani. 2,022,940; Dec. 3.
- Cooking, Apparatus for. S. E. Richeson. 2,018,419; Oct. 22.
- Cooking appliance. P. Beltram. 1,989,224; Jan. 29.
- Cooking appliance. A. Van Muffing. 2,006,704; July 2.
- Cooking appliance, Electric. K. Ehrhoff. 1,994,909; Mar. 19.
- Cooking device. E. Bordás. 2,013,337; Sept. 3.
- Cooking device. T. J. Matassa. 1,995,515; Mar. 26.
- Cooking device, Electric. H. B. Falk. 2,013,205; Sept. 3.
- Cooking, frying, doughnut-making, and dipping machine. C. E. Kennedy. 1,993,609; Mar. 5.
- Cooking, heating, and sterilizing device. J. S. Pecker. 2,017,869; Aug. 20.
- Cooking machine. E. A. Brunelle. 2,004,500; June 11.
- Cooking machine. H. T. Hunter. 2,025,685; Dec. 24.
- Cooking, Method of. W. Jourdan. 2,011,247; Aug. 13.

- Cooler: See—
 Beverage cooler. Liquid cooler.
 Bottle cooler. Milk cooler.
 Bottle dispensing cooler. Oil cooler.
 Bowl cooler. Refrigerant cooler.
 Butcher's meat cooler. Unit air cooler.
 Car cooler. Water cooler.
 Crank case cooler.
- Cooler and dispenser, Water. M. Alex. 2,019,034; Oct. 29.
 Cooler or heat exchanger, Fluid. T. G. Sumerfield. 2,012,920; Aug. 27.
 Cooling and dehumidifying system. M. C. Terry. 1,986,863; Jan. 8.
 Cooling and ventilating system. E. F. Carry. 2,000,477; May 7.
 Cooling apparatus. H. E. and E. A. von Seggern. 2,011,094; Aug. 13.
 Cooling, Apparatus for measuring rate of. W. S. Weeks. 2,016,660; Oct. 8.
 Cooling arrangements for internal combustion engines. F. Gossiau and J. Lusznat. 1,997,173; Apr. 9.
 Cooling chamber of heat treating furnaces. H. A. Dreflein. 1,999,832; Apr. 30.
 Cooling device for automobiles and windshield water supply. H. B. Rogers. 1,993,684; Mar. 5.
 Cooling device for vehicle brake drums. R. B. Sargent. 1,990,882; Feb. 12.
 Cooling drum, Rotary. H. A. M. Grasso. 1,994,948; Mar. 19.
 Cooling element for refrigerating systems. A. R. Thomas. 2,008,343; July 16.
 Cooling, freezing, and heating apparatus. T. Lindseth. 2,000,467; May 7.
 Cooling means for gas compressors. E. and G. G. Zahm. 2,025,142; Dec. 24.
 Cooling means for shafts. H. C. Richards. 1,986,219; Jan. 1.
 Cooling of air by refrigeration. M. M. Lawler. 2,018,453; Oct. 22.
 Cooling of high potential apparatus. G. B. Hagen. 1,999,234; Apr. 30.
 Cooling of producer gas, Direct. C. Hahn. 2,016,940; Oct. 8.
 Cooling, Process of. L. G. Black and M. M. Rich. 1,996,053; Apr. 2.
 Cooling rack. A. P. Diescher. 1,992,361; Feb. 26.
 Cooling system. S. M. Anderson. 2,007,291; July 9.
 Cooling system. V. C. Huntington. 2,005,860; June 25.
 Cooling system. L. E. Smitley and F. S. Moore. 1,987,521; Jan. 8.
 Cooling system. R. A. Woodard. 1,987,456; Jan. 8.
 Cooling system for engines. V. Rosenqvist. 2,016,179; Oct. 1.
 Cooling system for internal combustion engines. J. A. White. 1,998,695; Apr. 23.
 Cooling system, Intermittent. C. G. Munters. 2,023,088; Dec. 3.
 Cooling systems for bread wrapping machines. C. F. Barritt. 2,007,439; July 9.
 Cooling the body by means of light volatile chemicals, Device for. J. C. Bischoff. 2,010,132; Aug. 6.
 Cooling unit. H. A. Greenwald. 2,001,872; May 21.
 Cooling unit. D. E. Rutishauser. 1,991,176; Feb. 12.
 Cooling unit. W. M. Stewart. 2,011,881; Aug. 20.
 Cooling unit for refrigerators. R. M. Hyde. 1,993,171; Mar. 5.
 Cop holder. A. H. Carnie. 2,024,964; Dec. 17.
 Cop holding device for loom shuttles. W. L. Davis and D. M. Chase. 1,998,433; Apr. 23.
 Cop tube holder. E. R. Swanson. 1,994,118; Mar. 12.
 Cop winding machine. H. G. Johnson. 1,990,696; Feb. 12.
 Cop winding machine. W. Reiners and G. Kahlisch. 2,003,903; June 4.
 Copies from a lenticular film, Printing. G. Heymer. 2,022,768; Dec. 3.
 Copper alloy. F. R. Hensel and E. I. Larsen. 2,025,662; Dec. 24.
 Copper alloy. F. J. Maas. 2,007,430; July 9.
 Copper alloy for bearings. F. J. Maas. 1,986,209; Jan. 1.
 Copper alloy for conducting electricity. F. J. Maas. 1,986,210; Jan. 1.
 Copper alloy, Nonstainable. F. J. Maas. 1,986,211; Jan. 1.
 Copper alloys. P. H. Brace. 2,026,209; Dec. 31.
 Copper alloys. M. G. Corson. 1,988,938; Jan. 22.
 Copper ammonium salts of diazo amino tetrazole, Manufacture of. W. Brün. 2,021,478; Nov. 19.
 Copper and copper alloys, Making deoxidized. H. C. Jennison and R. B. Montgomery. 2,003,889; June 4.
 Copper article and making the same. Coated. R. R. Tanner and J. S. Thompson. 2,001,753; May 21.
 Copper, Casting phosphorized. R. Hewgill. 2,023,957; Dec. 10.
 Copper from solutions, Precipitating. H. A. Tobelmann. 2,008,373; July 16.
 Copper fungicide. A. C. Sessions. 1,988,752; Jan. 22.
 Copper in copper coated wire and the like, Determining. W. F. Muehlberg. 2,005,156; June 18.
 Copper-iron alloy. C. S. Smith and E. W. Palmer. 1,999,850; Apr. 30.
 Copper, Making deoxidized. H. C. Jennison and R. B. Montgomery. 2,003,296; June 4.
 Copper, Purifying. R. Perrin. 2,015,693; Oct. 1.
- Copper-sulphate, Production of. H. Weidmann. 1,995,555; Mar. 26.
 Copper, Welding. W. C. Swift. 1,986,303; Jan. 1.
 Copper zinc alloy containing silicon and iron. H. A. Staples. 2,007,008; July 2.
 Copy attachment, Focusing. W. D. Morgan. 1,996,481; Apr. 2.
 Copygraph. A. G. Hoe. 2,020,185; Nov. 5.
 Copyholder. J. Bell. 1,990,770; Feb. 12.
 Copyholder. C. R. Mervyn. 1,987,202; Jan. 8.
 Copyholder. R. V. Streeter. 2,006,609; July 2.
 Copyholder. B. E. Van Alstyne. 1,990,103; Feb. 5.
 Copyholder, Adjustable and convertible. H. Shroitman. 1,988,973; Jan. 22.
 Copyholders, Attachment for. B. E. Van Alstyne. 1,990,104; Feb. 5.
 Copying process. E. Schätzler. 2,023,858; Dec. 10.
 Cord and making same, Grip. A. Rydquist. 2,024,880; Dec. 17.
 Cord and method of manufacture, Cellophane covered. W. E. Sackner. 1,999,483; Apr. 30.
 Cord and method of manufacture, Cellophane covered. W. E. Sackner. 2,021,331; Nov. 19.
 Cord connector. J. H. Cannon. 2,000,318; May 7.
 Cord for electrical devices, Nontwisting, extension. A. O. Samuels. 2,014,146; Sept. 10.
 Cord, Lamp. E. H. Lewis. 1,989,483; Jan. 29.
 Cord material, Coating. J. V. James. 2,001,575; May 14.
 Cord of electric irons, Controlling the. W. F. Dowden. 1,999,089; Apr. 23.
 Cord or edge roll. W. E. Sackner. 2,008,368; July 16.
 Cord reel, Electric light. A. T. Larson. 1,987,856; Jan. 15.
 Cord retriever. S. T. and A. E. Strang. 2,016,935; Oct. 8.
 Cord severing instrument. G. T. Hart and J. Severus. 1,993,546; Mar. 5.
 Cord take-up and control apparatus. H. W. Merkel. 2,019,989; Nov. 5.
 Cord take-up, Electric lamp. E. J. Todd. 2,014,301; Sept. 10.
 Cord testing machine. G. D. Mallory. 1,990,995; Feb. 12.
 Cordage. K. R. Shaw. 1,989,066; Jan. 22.
 Cordage, Lubricated. W. D. Hodson. 2,000,951; May 14.
 Cords, Apparatus for preventing twisting of flexible electric. A. W. Kiddle. 2,015,403-4; Sept. 24.
 Core and mold wash. J. J. Horak. 1,990,075; Feb. 5.
 Core barrel. C. E. Burt. 2,005,989; June 25.
 Core barrel, Retractable. T. N. Hunt. 2,019,978; Nov. 5.
 Core barrel retriever. J. N. Oksenholt. 2,018,414; Oct. 22.
 Core barrel, Rotary. R. C. Baker. 1,994,847; Mar. 19.
 Core barrel, Rotary. R. C. Baker and C. E. Burt. 1,994,848; Mar. 19.
 Core bit and retrieving core barrel. T. N. Hunt. 2,024,450; Dec. 17.
 Core catcher. J. H. Howard. 2,000,389; May 7.
 Core catcher. J. H. Howard and A. C. Catland. 2,014,806; Sept. 17.
 Core catcher. J. C. Wright. 1,995,336-7; Mar. 26.
 Core catching means. J. H. Howard and J. C. Wright. 1,987,853; Jan. 15.
 Core catching means. J. C. Wright and J. B. Ragsdale. 2,022,100; Nov. 26.
 Core compound. H. L. Quandt and J. J. Horak. 2,004,344; June 11.
 Core drill. B. F. Blanchard. 2,005,819; June 25.
 Core drill. G. G. Harrington. 1,989,982; Feb. 5.
 Core drill and valve therefor. L. Bradley. 2,001,764; May 21.
 Core ejector. L. A. Larson. 2,005,978; June 25.
 Core extractor or sampler. F. W. Thomas. 2,024,076; Dec. 10.
 Core for and method of producing hollow refractories. G. J. Easter. 2,023,044; Dec. 3.
 Core for hollow bodies of concrete and the like. R. Leggat and J. C. P. Leemhuis. 1,996,678; Apr. 2.
 Core for thread or yarn packages. L. B. Stogner. 2,017,611; Oct. 15.
 Core orienting and well surveying device. W. I. McLaughlin, H. N. Herrick, and R. G. Wedemeyer. 1,987,696; Jan. 15.
 Core taking apparatus. F. Thrift. 1,999,428; Apr. 30.
 Core taking device. C. Schlumberger. 2,020,856; Nov. 12.
 Cores, Apparatus for covering. J. S. Stull. 2,023,621; Dec. 10.
 Cores for mercury boilers, Testing hermetically closed. B. L. Newkirk. 2,010,698; Aug. 6.
 Cores for valve bodies, Apparatus for manufacturing. S. Gade. 1,990,179; Feb. 5.
 Cores from the side wall of well bores, Apparatus for extracting. C. E. Burt. 2,013,457; Sept. 3.
 Cores in bore holes, Marking. O. Martienssen. 2,011,979; Aug. 20.
 Cores, Manufacture of cellular. C. A. Harrison. 1,986,338; Jan. 1.
 Coring device for fruit and the like. A. L. Jones. 1,994,473; Mar. 19.
 Cork composition and making same. H. Paschke and C. C. Vogt. 2,013,698; Sept. 10.
 Cork insulation. L. R. Lee. 2,022,727; Dec. 3.
 Cork or plug for hollow tiles. F. A. Stirrup. 2,013,736; Sept. 10.
 Corkscrew. H. S. Krueger. 1,990,289; Feb. 5.

- Corkscrew. H. G. Thompson. 1,988,057; Jan. 15.
 Corn, Canning. H. R. Lewis. 2,000,892; May 7.
 Corn cure package. B. Ellis. 2,002,341; May 21.
 Corn cutter. H. J. Wheeler. 2,017,931; Oct. 22.
 Corn cutter, Whole grain. J. Schmidt. 2,024,391; Dec. 17.
 Corn cutting machine. F. W. Douthitt. 2,001,457; May 14.
 Corn gluten plastic and making same. H. Berlin. 1,988,475; Jan. 22.
 Corn harvesting machine. W. F. MacGrepior. 1,999,842; Apr. 30.
 Corn husker. A. Nuttelman. 2,001,351; May 14.
 Corn husking machine. O. S. Sells and H. J. Wheeler. 1,990,503; Feb. 12.
 Corn pad. W. M. Scholl. 2,015,497; Sept. 24.
 Corn picker. L. A. Paradise. 2,009,514; July 30.
 Corn picker. W. B. Thieman. 2,004,711; June 11.
 Corn popper. R. N. Kircher. 1,999,658; Apr. 30.
 Corn popping apparatus. C. Cretors. 1,987,388; Jan. 8.
 Corn popping machine. W. E. Stitz. 1,997,983; Apr. 16.
 Corn product and making the same. C. E. Doolin. 2,002,053; May 21.
 Corn shock holding and binding device. E. L. Bailey. 2,003,874; June 4.
 Corner and building construction. B. H. Roberts, and E. L. Chamberlain. 2,013,317; Sept. 3.
 Corner bead. E. H. Jones. 1,988,739; Jan. 22.
 Corner bead. W. E. Peterson. 2,012,203; Aug. 20.
 Corner bead fastener. I. A. Baum. 1,989,504; Jan. 29.
 Corner brace plate. W. D. Ferris. 2,010,660; Aug. 6.
 Corner construction for furniture or the like. G. R. Meyer-cord and F. M. Curran. 2,002,228; May 21.
 Corner structure for crates, Detachable. E. M. Pennock and E. W. McClelland. 2,017,161; Oct. 15.
 Corners in metal stock, Producing sharp. G. Lawson. 2,023,638; Dec. 10.
 Cornice construction for metal partitions and the like, Sectional. T. V. Balch. 1,993,499; Mar. 5.
 Corrective device for secondary clocks. A. L. Denniston. 1,986,392; Jan. 1.
 Correspondence sheet. H. Bruce. 2,004,688; June 11.
 Corrosion in urea synthesis, Prevention of. H. C. Hetherington and H. W. de Ropp. 1,986,973; Jan. 8.
 Corrosion inhibition. J. E. McConkie. 2,018,682; Oct. 29.
 Corrosion inhibitor. H. L. Cox. 1,992,689; Feb. 26.
 Corrosion inhibitor. C. A. Thomas and C. G. Grosscup. 1,996,730; Apr. 2.
 Corrosion of apparatus for distilling hydrocarbon oils, Preventing. W. G. Whitman. 1,986,236; Jan. 1.
 Corrosion of metal walls of tanks, Preventing. A. B. Butterworth. 1,996,747; Apr. 9.
 Corrosion preventative. H. S. Pollin. 2,021,519; Nov. 19.
 Corrosion, Preventing. H. E. Buc. 2,002,523; May 28.
 Corrosion preventing system and process. R. L. Holmes. 2,020,359; Nov. 12.
 Corrosion-resisting product. J. G. Ford. 1,994,911; Mar. 19.
 Corrugated structural unit. A. W. Fraser. 1,996,004; Mar. 26.
 Corrugating machine. L. J. Rogers. 1,997,122; Apr. 9.
 Corrugating machines, Attachment for. W. C. George. 1,998,230; Apr. 16.
 Corset. J. Field. 1,995,801; Mar. 26.
 Corset. E. Klein. 2,026,473; Dec. 31.
 Corset. A. J. Lecoutre. 2,012,880; Aug. 27.
 Corset. C. H. Schopbach and W. G. Weber. 2,013,190; Sept. 3.
 Corset and brassière, Combination. I. Roth. 2,019,998; Nov. 5.
 Corset and brassière, Combined. M. M. Solomon. 1,992,845; Feb. 26.
 Corset garment. S. T. Metz. 1,986,841; Jan. 8.
 Corset, girdle, and like garment. F. Batky. 2,008,652; July 16.
 Cosmetic device. A. Gimonet. 2,007,245; July 9.
 Cosmetic holder. G. C. Fullmer. 1,987,473; Jan. 8.
 Cosmetic holder. G. F. Richter. 2,002,716; May 28.
 Cosmetic preparation. M. Bollmann. 1,995,663; Mar. 26.
 Costume. C. M. G. de Dubois. 2,011,800; Aug. 20.
 Costumer. R. H. Nebel. 2,008,311; July 16.
 Cot, Collapsible. S. J. Blaha. 2,008,616; July 16.
 Cot, Collapsible. M. Levine. 1,989,324; Jan. 29.
 Cotter pin. H. J. Lovenston. 1,986,586; Jan. 1.
 Cotton, Apparatus and method for drying. C. E. Hagler and A. W. Merkel. 1,989,751; Feb. 5.
 Cotton cleaner. J. Moss. 1,995,266; Mar. 19.
 Cotton cleaner, Air draft. N. B. Henry. 2,009,928; July 30.
 Cotton cleaning and drying machine, Combined. J. E. Mitchell. 2,025,700; Dec. 24.
 Cotton cleaning and reclaiming machine. J. E. Mitchell. 2,001,974; May 21.
 Cotton cleaning and reclaiming machine. J. E. Mitchell. 2,005,265; June 18.
 Cotton cleaning, distributing, and drying apparatus. J. E. Mitchell. 2,025,701; Dec. 24.
 Cotton distributing and receiving system. J. E. Mitchell. 2,015,954; Oct. 1.
 Cotton distributor and the like. N. B. Henry. 2,009,927; July 30.
 Cotton drawing frame. E. Langen. 2,025,394; Dec. 24.
 Cotton drying apparatus. B. O. Underwood. 1,998,210; Apr. 16.
 Cotton gin, Huller type. J. D. Wilson. 2,011,838; Aug. 20.
 Cotton handling apparatus. T. S. Grimes. 1,998,868; Apr. 23.
 Cotton handling apparatus. A. R. Muirhead. 2,016,017; Oct. 1.
 Cotton harvesting and cleaning machine. J. C. Conrad. 1,990,816; Feb. 12.
 Cotton humidifier. C. S. Herring. 2,019,079; Oct. 29.
 Cotton machine. J. A. Streun. 2,001,223; May 14.
 Cotton, Method of and apparatus for drying. J. E. Mitchell. 1,988,629; Jan. 22.
 Cotton, Packaging surgical absorbent. F. B. Kilmer and R. R. Hawthorne. 2,014,335; Sept. 10.
 Cotton picker. G. W. McKinney. 1,995,103; Mar. 19.
 Cotton picking machine. J. D. and M. D. Rust. 2,023,491; Dec. 10.
 Cotton plant cellulose, Utilization of. G. H. Palmer. 2,003,696; June 4.
 Cotton plant, Utilization of. G. H. Palmer. 1,991,769; Feb. 19.
 Cotton seed hulls for use as a litter, Processing. W. H. Lapp. 2,014,900; Sept. 17.
 Cotton to the stalls of cotton warehouses, Distributing. J. H. Anderson. 1,995,464; Mar. 26.
 CO₂ fire extinguishing system. C. F. Smith. 1,998,594; Apr. 23.
 Couch bed, Reversible. E. L. Weinman. 1,995,787; Mar. 26.
 Couch or davenport, Folding. A. Meilves. 2,019,266; Oct. 29.
 Couch, Studio. M. Fox and W. P. Seng. 2,019,218; Oct. 29.
 Counter. C. D. Geer and D. L. Bacon. 2,019,902; Nov. 5.
 Counter. E. A. Slye. 2,004,881; June 11.
 Counter actuating device. P. F. Grout. 2,023,921; Dec. 10.
 Counter actuating mechanism. B. Cohn. 2,023,574; Dec. 10.
 Counter apparatus, Traveling. J. M. Mastoras. 1,990,792; Feb. 12.
 Counterbalancing device. R. R. Bloss and R. C. Pfeil. 2,001,662; May 14.
 Counter display rack. W. F. J. Anderl. 2,013,085; Sept. 3.
 Counter for textiles, Automatic. E. R. Ammon. 2,022,613; Nov. 26.
 Counter for toilet seat guard dispenser. C. D. Morton. 2,012,542; Aug. 27.
 Counter molding mechanism. M. L. Dodge. 2,010,351; Aug. 6.
 Counterpoise mechanism for track scale beams. A. Bousfield. 2,014,276; Sept. 10.
 Counter, Tell tale. R. T. Abrell and J. E. Hopping. 1,993,428; Mar. 5.
 Counterweight. D. E. Wright. 1,994,380; Mar. 12.
 Counterweight mechanism for oil well pumps. J. C. Sloninger. 2,023,554; Dec. 10.
 Counterweight system. W. W. Eager and C. A. Tierney. 2,024,724; Dec. 17.
 Counting apparatus. W. D. Cockrell and P. Juchter. 1,995,881; Mar. 26.
 Counting apparatus. H. W. Lord. 1,995,890; Mar. 26.
 Counting device. R. F. Knight. 2,015,147; Sept. 24.
 Counting device, Automatic. S. J. Thackeray. 1,988,365; Jan. 15.
 Counting device for paper money. C. Vogt. 1,996,941; Apr. 9.
 Counting machine for paper money and the like. E. P. Donnellan. 1,994,636; Mar. 19.
 Counting scale. E. J. von Pein. 1,994,549; Mar. 19.
 Counting system, Electrical. T. L. Dimond. 1,997,208; Apr. 9.
 Coupes, Attachment for. C. Girl. 2,014,019; Sept. 10.
 Coupler. J. Elliott and J. Chalmers. 2,002,658; May 28.
 Coupler. F. H. Kayler. 1,986,400; Jan. 1.
 Coupler. E. P. Kinne. 1,986,439-40; Jan. 1.
 Coupler. E. P. Kinne. 1,990,699; Feb. 12.
 Coupler. E. P. Kinne. 1,993,553; Mar. 5.
 Coupler. E. P. Kinne. 2,001,197; May 14.
 Coupler. E. P. Kinne. 2,007,450-2; July 9.
 Coupler. E. P. Kinne and F. H. Kayler. 1,986,438; Jan. 1.
 Coupler. A. H. Oelkers. 2,003,582; June 4.
 Coupler. W. F. Richards. 2,002,508; May 28.
 Coupler. W. F. Richards. 2,023,550; Dec. 10.
 Coupler. H. K. Smith. 1,989,027; Jan. 22.
 Coupler and yoke connection. J. F. O'Connor. 2,022,732; Dec. 3.
 Coupler, Car. C. H. Tomlinson. 1,989,894; Feb. 5.
 Coupler carrier. D. S. Barrows. 1,993,712; Mar. 5.
 Coupler carrier and striking casting. D. S. Barrows. 1,991,650; Feb. 19.
 Coupler carrier mechanism. W. J. Regan. 2,006,686; July 2.
 Coupler for jointed dolls. J. Stein. 2,001,334; May 14.
 Coupler height adjusting means. C. R. Busch. 2,021,285; Nov. 19.
 Coupler mechanism. A. J. Bazeley. 2,000,435; May 7.
 Coupler operating mechanism. W. F. Richards. 2,000,987; May 14.
 Coupler, Rodline. W. R. Barney. 2,023,721; Dec. 10.
 Coupler with hinged shank. A. E. Small. 1,993,570; Mar. 5.

- Coupling: See—
 Antenna coupling.
 Bib coupling.
 Cable conductor coupling.
 Car coupling.
 Elastic coupling.
 Fire hose coupling.
 Flexible coupling.
 Flexible rubber coupling.
 Flexible shaft coupling.
 Floating coupling.
 Friction coupling.
 Gear type coupling.
 Guide coupling.
 Hose coupling.
 Impulse coupling.
 Jar and safety coupling.
 Magnetic coupling.
 Meter coupling.
 Muffler coupling.
 Pipe coupling.
 Quick detachable coupling.
 Resilient coupling.
 Retractable coupling.
 Rod coupling.
 Rod line coupling.
 Shaft coupling.
 Slip coupling.
 Stove pipe coupling.
 Swivel coupling.
 Torsionally resilient coupling.
 Tractor trailer coupling.
 Trailer coupling.
 Train pipe coupling.
 Valve rod coupling.
 Vehicle coupling.
- Coupling. J. Boas and O. F. Nilsson. 1,989,674; Feb. 5.
 Coupling. P. E. Clawson. 1,997,858; Apr. 16.
 Coupling. B. Dick. 1,987,100; Jan. 8.
 Coupling. F. H. Ezell. 2,001,244; May 14.
 Coupling. F. C. Liebhardt. 2,023,428; Dec. 10.
 Coupling. W. J. McCarthy and S. T. Bachus. 2,004,077; June 4.
 Coupling. C. O. Merrill. 2,013,283; Sept. 3.
 Coupling. A. J. and K. T. Penick. 1,992,503; Feb. 26.
 Coupling. J. B. Pillatsch. 1,992,580; Feb. 26.
 Coupling. L. Ricefield. 2,025,824-9; Dec. 31.
 Coupling. L. S. Rosener. 1,995,014; Mar. 19.
 Coupling. F. J. Spang. 1,999,706; Apr. 30.
 Coupling. S. P. Tschappat. 2,025,319; Dec. 24.
 Coupling. L. J. Vetrano. 2,023,060; Dec. 3.
 Coupling. W. Weis. 2,022,626; Nov. 26.
 Coupling and coupling device. H. Placide. 2,009,679; July 30.
 Coupling and driving device. G. C. Trotter. 2,015,878; Oct. 1.
 Coupling and releasing device, Combined. H. M. Davis. 2,017,787; Oct. 15.
 Coupling and the like. J. Bijur. 1,987,600; Jan. 15.
 Coupling and torque control, Combination flexible. G. Tremolada. 1,996,311; Apr. 2.
 Coupling arrangement. B. D. H. Tellegen. 2,021,756; Nov. 19.
 Coupling capacitor system. P. O. Languth and W. A. Lewis. 2,005,147; June 18.
 Coupling device. E. M. Soreng. 2,010,935; Aug. 13.
 Coupling device. R. D. Thompson. 1,998,176; Apr. 16.
 Coupling device, Draft. R. A. Grant. 2,013,383; Sept. 3.
 Coupling device for impact-tips. T. J. Fegley and G. O. Leopold. 2,008,352; July 16.
 Coupling device for sectional conveyers. W. B. Fleming. 2,016,994; Oct. 8.
 Coupling device for vehicles, Automatic. J. Coder. 2,014,963; Sept. 17.
 Coupling device, High-frequency. A. Crossley and H. E. Meinema. 2,002,500; May 28.
 Coupling device, High-frequency interstage. A. Crossley and H. E. Meinema. 1,997,453; Apr. 9.
 Coupling device, Slipping. J. R. W. Thomas. 2,016,464; Oct. 8.
 Coupling for blowpipes. W. C. Bucknam. 1,989,079; Jan. 29.
 Coupling for bogie axles. P. M. Bourdon. 2,005,607; June 18.
 Coupling for cable conduits, Expansion. J. W. Hooley. 2,024,862; Dec. 17.
 Coupling for canvas tubing. F. M. Bins. 2,003,732; June 4.
 Coupling for circuit controllers, Frictional. N. C. Schellenger. 2,025,831; Dec. 31.
 Coupling for conductors and conduits therefor. E. G. K. Anderson and C. O. Akerlund. 2,007,357; July 9.
 Coupling for connecting a hose to a faucet. M. H. Hollingsworth. 2,007,331; July 9.
 Coupling for connecting a truck and a trailer. D. D. Arner. 1,992,164; Feb. 26.
 Coupling for electrical conductors, Universal swiveled. C. E. Truswell. 2,020,088; Nov. 5.
 Coupling for magnets, Impulse. W. F. Borgerd. 2,015,546; Sept. 24.
 Coupling for metal tubing, Leak-proof. S. Guarnaschelli. 2,026,168; Dec. 31.
 Coupling for pipe lines, electric lines on railway and other vehicles and the like, Automatic. W. Kaiser and H. Balke. 2,003,082; May 28.
 Coupling for pump rods, trailer hitches and the like. H. A. Onken. 2,002,922; May 28.
 Coupling for relatively rotatable wheel and axle. H. E. McKee. 2,013,968; Sept. 10.
 Coupling for rotary shafts, Hydrodynamic. H. S. W. Bollinger. 1,990,021; Feb. 5.
 Coupling for sparking plugs. A. H. R. Fedden. 2,013,381; Sept. 3.
 Coupling for sucker rods. R. O. Hutchens. 2,013,962; Sept. 10.
 Coupling for tractor and trailer units of motor vehicles. O. D. North and P. G. Hugh. 2,015,122; Sept. 24.
 Coupling for tractors and trailers, Compensating draft. W. S. Gurton, J. Plint, and H. Nyberg. 1,995,920; Mar. 26.
 Coupling for vehicle bogies, Flexible. E. L. R. Hocking. 2,017,001; Oct. 8.
 Coupling for vehicles, Flexible. H. S. Littlefield. 2,011,817; Aug. 20.
 Coupling means. E. H. Taylor. 1,986,419; Jan. 1.
 Coupling means for lubricating systems. C. W. Parker. 2,005,556; June 18.
 Coupling member, Yieldable. H. Johansen. 2,023,527; Dec. 10.
 Coupling or clutch mechanism. E. E. Hogg. 2,025,108; Dec. 24.
 Coupling organization for a crosshead and piston rod. J. Reid. 2,019,463; Oct. 29.
 Coupling organization for rods and like elements. H. A. Snyder. 1,988,668; Jan. 22.
 Coupling or gear, Hydraulic. H. Sinclair. 2,011,735; Aug. 20.
 Coupling, Swivel ring, and sleeve construction, Electrical. R. J. Noschang. 2,014,288; Sept. 10.
 Coupling system. N. P. Case. 2,018,545; Oct. 22.
 Coupling system. L. Walter. 1,987,089; Jan. 8.
 Coupling to substitute an internal gear, Elastic. F. R. Ibañez. 2,004,325; June 11.
 Couplings, Device for heating hose. T. R. Pavelsky. 2,013,315; Sept. 3.
 Couplings, Method and tool for clamping electrical. F. Christians. 2,018,996; Oct. 29.
 Coupon book, Multiple monthly payment. E. A. Kelly. 2,013,612; Sept. 3.
 Coupon ticket printing machine. A. Simon. 2,011,657; Aug. 20.
 Course and distance indicator. W. G. Gerlach. 1,991,665; Feb. 19.
 Course calculating instrument. B. Jones. 2,019,708; Nov. 5.
 Course changing means for automatically steered ships. F. S. Hodgman. 2,025,054; Dec. 24.
 Court tape for games. H. C. Pearson. 1,986,941; Jan. 8.
 Cover: See—
 Book cover.
 Bottle cover.
 Bucket cover.
 Can cover.
 Cleanout cover.
 Coin receptacle cover.
 Container cover.
 Cushion seat cover.
 Display cover.
 Dress shoe cover.
 Electric meter cover.
 Frying pan cover.
 Gas tank cover.
 Hand bag cover.
 Heel cover.
 Insulated cover.
 Ironing board cover.
 Jar cover.
 Joint cover.
 Journal box cover.
 Lampshade cover.
 Manhole cover.
 Manhole frame cover.
 Metal spring cover.
 Milk bottle cover.
 Milk can cover.
 Plate steel head cover.
 Radiator grille cover.
 Seat cushion cover.
 Shoe cover.
 Smoking pipe cover.
 Spare tire cover.
 Stove or range top burner cover.
 Streamline light cover.
 Tennis ball cover.
 Tire and wheel cover.
 Tire cover.
 Toilet seat cover.
 Water heater cover.
 Water tank cover.
 Wheel cover.
 Cover. P. E. Harrison. 1,986,433; Jan. 1.
 Cover and locking device for containers. F. Susse and H. Reingardt. 2,012,919; Aug. 27.
 Cover and material therefor, Container. A. F. Pityo and J. F. Mitchell. 2,015,907; Oct. 1.
 Cover and receptacle and means for removing the covers from the receptacles. F. L. Darling. 1,987,550; Jan. 8.
 Cover and the like, Typewriter. T. Grange. 1,995,059; Mar. 19.
 Cover and towel forming machine, Dual purpose seat. G. Schaefer, Jr. 2,001,112; May 14.
 Cover and tray, Combined bird food container. S. Rose. 1,990,712; Feb. 12.
 Cover attaching clip, Box. C. Gimbel. 2,003,856; June 4.
 Cover attachment for first aid kits. J. L. Peavey. 2,000,495; May 7.
 Cover bag for cages. M. D. Robison. 2,002,925; May 28.
 Cover for automobile tires, Metal. F. D. Hansen and H. W. Tinker. 2,010,080; Aug. 6.
 Cover for automobile tires, Metal. F. D. Hansen and H. W. Tinker. 2,013,913; Sept. 10.
 Cover for chickens. C. S. Smith. 2,006,118; June 25.
 Cover for collapsible tubes. R. L. Demers. 1,995,967; Mar. 26.
 Cover for firearm sights. F. F. Burton. 2,015,098; Sept. 24.
 Cover for garments, Protective. N. I. Fleischer. 2,000,324; May 7.
 Cover for gas range burner compartment. J. Becvar. 2,024,501; Dec. 17.
 Cover for heating radiators. E. Hofmann. 2,016,431; Oct. 8.
 Cover for light sources, Light transmitting. W. A. Dorey. 2,022,078; Nov. 26.
 Cover for milk cans, Dispensing. J. E. Reilly. 2,020,701; Nov. 12.
 Cover for pipe ends. L. J. Sander. 1,996,436; Apr. 2.
 Cover for polishing wheels. A. Coniglio. 2,007,641; July 9.
 Cover for spare tires of automobiles. G. A. Lyon. 2,000,290; May 7.
 Cover for spare tires of automobiles. G. A. Lyon. 2,002,784; May 28.
 Cover for spare tires of automobiles. G. A. Lyon. 2,015,944; Oct. 1.

- Cover for tank cars, Dome. G. W. King. 1,990,189; Feb. 5.
- Cover for tanks, Manhole. R. J. Neely. 2,014,861; Sept. 17.
- Cover for toilet seats, Sanitary. W. W. Dunnell. 2,025,941; Dec. 31.
- Cover for typewriters, etc., Roll. J. M. and M. J. Bovee. 2,008,412; July 16.
- Cover for wheels, Spoke. O. U. Zerk. 1,987,223; Jan. 8.
- Cover plate for haemacytometers. C. A. and A. A. Hausser. 1,986,058; Jan. 1.
- Cover plate for vehicle wheels. C. W. Sinclair. 2,016,395; Oct. 8.
- Cover rack. S. V. Swanson. 1,986,486; Jan. 1.
- Cover retaining means. L. Gabor. 2,016,324; Oct. 8.
- Cover trimming machine. C. G. Brostrom. 2,003,338; June 4.
- Covered joint hinge. J. Soss. 2,023,249; Dec. 3.
- Covering and manufacturing the same. Decorated hard surface. J. C. McCarthy. 2,013,472; Sept. 3.
- Covering for buildings, Roof and side. I. A. Keyesawetter. 2,004,575; June 11.
- Covering for curing concrete. D. Finley. 1,999,152; Apr. 23.
- Covering for curing concrete. D. Finley and W. R. Greig. 2,024,727; Dec. 17.
- Covering for plants, Protective. C. E. Wilson. 1,988,886; Jan. 22.
- Covering for spinning rolls, Rubber. E. Hazell. 1,988,491; Jan. 22.
- Covering for stove pipes, Heat utilizing. A. B. Wolbers. 1,988,642; Jan. 22.
- Covering for surfaces exposed to the weather. G. Knapp. 2,000,030; May 7.
- Covering, Hand. I. M. Beemer. 2,025,710; Dec. 31.
- Covering, Hand. C. L. Dunn. 2,018,841; Oct. 29.
- Covering, Head. P. L. Yorgensen. 2,020,008; Nov. 5.
- Covering layers from carbamide-aldehyde condensation products, Production of. A. Gams and W. Fisch. 1,998,539; Apr. 23.
- Covering machine for electrical conductors and the like. O. Ballert and E. Wendt. 1,989,660; Feb. 5.
- Covering material. D. Finley. 1,990,173; Feb. 5.
- Covering material. J. A. Topping. 2,006,417; July 2.
- Covering material and making the same. E. B. Grosh. V. Fish, and S. A. Cohen. 1,998,927; Apr. 23.
- Covering on surfaces exposed to the weather. Laying. A. R. Craven. 2,006,443; July 2.
- Covering or facing element for buildings. J. W. Farr. 2,006,635; July 2.
- Covering, Protective. L. F. Salley. 1,995,750; Mar. 26.
- Covering tool. W. H. Nutt. 1,995,323; Mar. 26.
- Coverins automatically on the seats of water closets. Device for placing protective. C. Jorlot. 2,002,948; May 28.
- Coverings for pipes and the like, Manufacture of heat non-conducting. F. W. King. 2,019,417; Oct. 29.
- Covers for seat side arms. W. L. Fry. 2,004,982; June 18.
- Cow milking apparatus. C. H. Hapgood. 1,987,955; Jan. 15.
- Cow tail holder. G. E. Hartwell. 1,995,453; Mar. 26.
- Cowl ventilator. G. Chutorash. 2,017,528; Oct. 15.
- Cowl ventilator. E. G. Simpson. 2,010,568; Aug. 6.
- Cowl ventilator. F. J. Westrope. 2,022,020; Nov. 26.
- Cracking. H. Sydnor. 2,006,188; June 25.
- Cracking process. A. McG. Wood. 2,021,761; Nov. 19.
- Cracks and crevices, Process of and apparatus for filling. W. Klie. 1,987,626; Jan. 15.
- Cradle base for conduits. C. E. Siegfried. 1,999,791; Apr. 30.
- Cradle, Lamb marking and operating. J. Y. Shannon. 1,987,977; Jan. 15.
- Cradle, Load lifting. B. F. Fitch. 2,007,187; July 9.
- Cranberry bogs, Sanding. I. Harrison. 2,015,012; Sept. 17.
- Crane. P. Wilsing. 2,014,544; Sept. 17.
- Crane and wire rack. L. B. Mosher. 2,001,034; May 14.
- Crane hoist control. F. P. Taugher. 2,000,724; May 7.
- Crane, Hoisting. L. E. Huot. 2,025,284; Dec. 24.
- Crane, Portable. A. E. and E. A. Ormsby. 2,023,790; Dec. 10.
- Crank and counterbalance for oil well pumping machines, Detachable. R. B. Dunlap. 1,986,188; Jan. 1.
- Crank case cooler. W. Grikscheit. 1,988,200; Jan. 15.
- Crank case drain-valve. R. C. Agner. 2,021,587; Nov. 19.
- Crank-case emptying and flushing apparatus. C. F. Bertschinger. 2,020,350; Nov. 12.
- Crankcase heater. D. H. Rushnell. 1,999,003; Apr. 23.
- Crank driven mechanism. N. Knaus. 1,991,945; Feb. 19.
- Crank driving arrangement for jacquard controlled flat knitting machines. H. Diem. 2,025,499; Dec. 24.
- Cranking device for internal combustion engines, Safety. V. J. Murawski. 2,008,310; July 16.
- Crankless mechanism. T. L. Sherman. 1,997,396; Apr. 9.
- Crankless mechanism. T. L. Sherman. 2,014,702; Sept. 17.
- Crank-pin grinding machine, Automatic multiple. H. F. Klinge. 2,014,768; Sept. 17.
- Crank pin truing device. C. R. Lindstrom. 2,010,638; Aug. 6.
- Crank press. K. Götz. 2,023,319; Dec. 3.
- Crank shaft. D. J. Campbell and A. A. Melcher. 2,014,225; Sept. 10.
- Crankshaft. J. Dusevoir. 2,013,039; Sept. 3.
- Crankshaft bearings. A. Taub. 2,004,254; June 11.
- Crankshaft for internal combustion engines. H. R. Ricardo. 1,994,729; Mar. 19.
- Crank shaft forming machine. C. S. Swanson, D. R. Cornell, and C. A. Aldrin. 2,018,931; Oct. 29.
- Crankshaft grinding machine. C. H. Amidon. 2,012,263; Aug. 27.
- Crankshaft twisting machine. S. Morgan. 1,991,567; Feb. 19.
- Crank shafts, Built-up. Karl E. Kylen. 2,009,971; July 30.
- Crank shafts, Method of casting. D. J. Campbell. 2,014,224; Sept. 10.
- Crate. M. V. Albaugh. 1,988,259; Jan. 15.
- Crate. W. W. Birnstock. 2,004,847; June 11.
- Crate. H. A. Keiner. 2,008,914; July 23.
- Crate. F. J. Krzyzak. 1,997,335; Apr. 9.
- Crate. F. J. Krzyzak. 1,999,464; Apr. 30.
- Crate. G. M. Leghorn. 2,003,717; June 4.
- Crate. L. H. O'Dell. 2,025,769; Dec. 31.
- Crate. A. L. Whiton. 2,020,978; Nov. 12.
- Crate and making the same. W. H. Shaffer, Jr. 1,998,850; Apr. 23.
- Crate, Bottle. H. V. Bowman. 2,003,133-5; May 28.
- Crate, Bottle. A. W. Bruce. 1,992,411; Feb. 26.
- Crate, Bottle. C. M. Kruger. 1,995,310; Mar. 26.
- Crate, Bottle. R. Stoddard. 1,995,906; Mar. 26.
- Crate, Collapsible. A. F. Wesley. 2,010,121; Aug. 6.
- Crate, Collapsible. J. M. Wolfenden. 1,987,727; Jan. 15.
- Crate construction. O. Denny. 2,011,801; Aug. 20.
- Crate construction. J. H. Petermann, Sr., C. Schwartz, and A. Atkinson. 1,995,940; Mar. 26.
- Crate construction, Bottle. E. M. Pennock. 1,989,149; Jan. 29.
- Crate fastener. O. Sliger. 2,005,272; June 18.
- Crate, Folding. G. C. Berger and P. O. Pederson. 1,990,400; Feb. 5.
- Crate for rectangular-sectioned articles. J. C. Nichols. 2,017,917; Oct. 22.
- Crate, Fruit. J. W. Simmons. 2,012,175; Aug. 20.
- Crate, Milk. J. A. Hopwood. 1,999,540; Apr. 30.
- Crate, Milk bottle. E. F. Pawsat. 1,991,770; Feb. 19.
- Crate, Milk bottle. J. P. Taylor. 2,017,264; Oct. 15.
- Crate or basket. H. M. Andrews. 2,026,204; Dec. 31.
- Crate, Packing. J. J. Henze. 2,013,150; Sept. 3.
- Crate packing device, Egg. O. De Lange. 2,011,892; Aug. 20.
- Crate press, Vegetable. U. J. Boehnke. 1,985,879; Jan. 1.
- Crate, Shipping. J. J. Henze. 2,013,151; Sept. 3.
- Crate, Shipping. W. C. Tucker. 2,018,292; Oct. 22.
- Crate, Single piece partitioned. W. F. Daley. 2,023,578; Dec. 10.
- Crate lamp. C. P. Brockway. 1,991,728; Feb. 19.
- Cravat holder. J. F. Allison and R. J. Salisbury. 2,025,798; Dec. 31.
- Cravat holder. A. Blustein. 1,990,467; Feb. 12.
- Cravat holder. L. B. Curran. 2,012,222; Aug. 20.
- Cravat holder. G. A. Ekander. 2,008,664; July 23.
- Cravat holder. A. W. Lindquist. 2,021,631; Nov. 19.
- Cravat holder. W. A. White. 1,990,720; Feb. 12.
- Crayon. G. Meister. 2,013,417; Sept. 3.
- Cream and milk purifier. C. L. Lewis. 2,012,196; Aug. 20.
- Cream containing magnesium hydroxide. Cleansing. B. Walton. 1,999,160; Apr. 23.
- Cream containing magnesium hydroxide, Skin. B. Walton. 1,999,161; Apr. 23.
- Cream, Cosmetic. L. J. Stern. 1,990,676; Feb. 12.
- Cream dispensing valve. A. Slaten. 1,993,021; Mar. 5.
- Cream, Face. B. J. Dryfuss and E. F. Aubry, Jr. 2,023,125; Dec. 3.
- Cream, milk, and other fluids, Method of and apparatus for deodorizing. H. L. Murray. 2,014,580; Sept. 17.
- Cream, Purifying. C. E. Harrow. 1,998,622; Apr. 23.
- Cream remover. F. H. Schmitt. 2,015,353; Sept. 24.
- Cream separator. H. Lindeberg. 1,987,367; Jan. 8.
- Cream separator. E. W. and L. W. Schnepf. 1,992,243; Feb. 26.
- Cream separator, Milk bottle. H. F. Unsinger. 1,987,037; Jan. 8.
- Cream, Skin cleansing and purifying. G. McGraw. 2,015,179; Sept. 24.
- Cream tester, Centrifugal. R. H. Garver. 1,991,925; Feb. 19.
- Cream, Treatment of. F. G. Cornell, Jr. 2,003,427; June 4.
- Cream holding means for garments. D. and S. Segelin. 2,005,480; June 18.
- Creaming and burnishing machine. R. G. Reid and J. H. Brown. 2,023,549; Dec. 10.
- Creeper. E. Arieti. 2,026,013; Dec. 31.
- Crib. M. F. Bayer. 1,992,733; Feb. 26.
- Crib. F. S. Rice. 2,011,909; Aug. 20.
- Crib, Folding. H. McDaniel. 2,002,607; May 28.
- Cribbing. G. W. Powers. 1,996,774; Apr. 9.
- Crinkled coated surface. K. Toll. 1,991,527; Feb. 19.
- Crinkled surface coating. K. Toll. 1,991,528; Feb. 19.
- Crinkling apparatus. J. J. Galligan and W. J. Robinson. 2,022,851; Dec. 3.
- Crochet hook. G. A. Carlson. 2,024,794; Dec. 17.
- Croquignole waver. F. Solov. 2,024,610; Dec. 17.
- Crossfoot register. H. A. Footorap. 2,003,997; June 4.
- Cross, Ornamental. R. F. Brennan. 2,000,060; May 7.
- Cross stitch mechanism, High speed. J. P. Weis and A. H. Weis. 2,013,019; Sept. 3.

- Crossover for toy railways. E. D. Boisselier. 2,021,045; Nov. 12.
- Cross-roll. S. E. Diescher. 1,999,987; Apr. 30.
- Cross-roll delivery table. A. P. Diescher. 1,992,360; Feb. 26.
- Cross rule slitting machine. B. Wells. 1,999,381; Apr. 30.
- Crosstalk, Apparatus and method for remedying. O. H. Coolidge and M. A. Weaver. 2,008,061; July 16.
- Crosstalk, Apparatus and method for remedying. R. N. Hunter. 1,995,454; Mar. 26.
- Crossing gate. J. H. Staley. 1,985,958; Jan. 1.
- Crossing gate. J. H. Staley. 2,007,481; July 9.
- Crossing gate, Automatic railway. A. E. McClaren. 2,001,147; May 14.
- Crossing or like track structure, Railway. E. W. Caruthers. 2,024,566; Dec. 17.
- Crossing, Overhead. W. Schaaake. 2,020,910; Nov. 12.
- Crossing signal. T. G. Strynacka. 2,006,120; June 25.
- Crown block. E. Burns and H. P. Wickersham. 2,007,155; July 9.
- Crown block. H. P. Wickersham and E. Burns. 2,020,396; Nov. 12.
- Crown throat. J. Kantor. 2,019,825; Nov. 5.
- Crowning and concaving device for roll grinding machines. H. E. Balsiger. 2,025,010; Dec. 17.
- Crucible furnace. F. South, Jr., and O. E. Neuhausen. 2,024,707; Dec. 17.
- Crupper. S. B. Swaggerty. 1,991,299; Feb. 12.
- Crusher. D. Cole. 1,986,104; Jan. 1.
- Crusher. R. C. Newhouse. 2,022,135; Nov. 26.
- Crusher. R. C. Newhouse and R. E. Stoll. 2,021,895; Nov. 26.
- Crusher. E. T. Peterson. 2,009,186; July 23.
- Crusher. E. C. Shiley. 2,005,758; June 25.
- Crusher. F. J. Straub. 2,025,623; Dec. 24.
- Crusher and pulverizer. A. L. Runyan. 2,012,694; Aug. 27.
- Crusher construction. G. Buchanan. 1,987,360; Jan. 8.
- Crusher, Gyrotory. A. Goldberg and I. M. Jackson. 1,999,756; Apr. 30.
- Crusher, Ice cube. F. J. Osuch. 1,999,108; Apr. 23.
- Crusher, Ore. R. Linn. 1,994,224; Mar. 12.
- Crusher, Pulverizing jaw. C. J. Zillgitt. 2,012,799; Aug. 27.
- Crusher, Rock. W. W. Guest. 1,997,214; Apr. 9.
- Crushing apparatus. E. B. Symons. 2,017,108; Oct. 15.
- Crushing machine. H. H. Rumpel. 1,993,900; Mar. 12.
- Crushing structure. H. H. Rumpel. 2,014,588; Sept. 17.
- Crystal apparatus, Piezo-electric. M. Osnos. 1,994,229; Mar. 12.
- Crystal apparatus, Piezo-electric. M. Osnos. 2,012,018; Aug. 20.
- Crystal controlled generator. H. E. Goldstine and J. W. Conklin. 2,021,722; Nov. 19.
- Crystal holder. J. G. Beard. 2,023,112; Dec. 3.
- Crystal holder. W. Moser and L. Leng. 2,004,170; June 11.
- Crystals, Apparatus for the automatic grinding of. M. E. Strieby. 2,023,494; Dec. 10.
- Crystalline alumina and a composition of matter containing the same, Making. R. R. Ridgway. 2,002,867; June 4.
- Crystalline bodies by means of X-ray, Apparatus for examining. A. Bouwers, W. G. Burgers, and A. Bierman. 1,988,993; Jan. 22.
- Crystalline hydrates of alkali metal silicates, Producing. C. L. Baker. 2,017,561; Oct. 15.
- Crystalline salts from solutions, Recovering. S. H. Davis, C. O. Anderson, and R. J. Stengl. 2,007,956; July 16.
- Crystallization apparatus. W. E. Burke, W. H. Allen, W. A. Gale, C. F. Ritchie, and R. B. Peet. 1,997,277; Apr. 9.
- Crystallization of dissolved inorganic compounds in concentrated solutions, Restraining. W. A. Boughton. 2,016,274; Oct. 8.
- Crystallizing apparatus. J. Walter. 1,988,763; Jan. 22.
- Cuff. C. C. Hemmerich. 1,993,717; Mar. 5.
- Cuff device. E. A. Myntti. 2,018,187; Oct. 22.
- Cuff, Garment. S. Berger. 2,022,878; Dec. 3.
- Cuff machine. H. H. Woodward and A. H. Wright. 1,993,640; Mar. 5.
- Cuff, Reversible. M. L. Goldschmidt. 1,989,638; Jan. 29.
- Cuff valve engine. J. A. Anglada and A. H. Asprooth. 2,017,198; Oct. 15.
- Culinary article. A. A. Eliopoulos. 2,024,849; Dec. 17.
- Culinary appliance. O. B. Nichols. 2,016,554; Oct. 8.
- Culinary device. W. H. Rudolph. 1,986,412; Jan. 1.
- Culinary instrument. R. S. Walker. 2,026,078; Dec. 31.
- Culinary mold. C. E. Parker. 2,008,725; July 23.
- Culinary-serving device. P. A. Erb and E. O. Shilling. 1,995,448; Mar. 26.
- Cultivating and ditching element for cultivating machines, Convertible. A. Neilsen. 2,022,297; Nov. 26.
- Cultivator. B. R. Benjamin. 2,008,742; July 23.
- Cultivator. G. D. Houston. 1,992,428; Feb. 26.
- Cultivator. F. E. Jenny. 1,998,195; Apr. 16.
- Cultivator. C. J. Rordell. 1,987,027; Jan. 8.
- Cultivator attachment. W. W. Barton and S. Corbin. 2,010,745; Aug. 6.
- Cultivator attachment. J. E. Higgins. 2,023,050; Dec. 3.
- Cultivator attachment for tractors. L. C. Hester. 2,019,854; Nov. 5.
- Cultivator attachment for tractors. D. C. Pedersen. 2,012,434; Aug. 27.
- Cultivator blade. A. W. Tempel and W. C. Skaggs. 2,014,055; Sept. 10.
- Cultivator construction. P. O. Thompson. 2,024,402; Sept. 10.
- Cultivator, Hand operated. G. Wolf. 2,019,639; Nov. 5.
- Cultivator implement attachment. E. Sharpe. 1,999,917; Apr. 30.
- Cultivator, Motor propelled. L. Dufour. 2,015,218; Sept. 24.
- Cultivator shield. F. E. Knuth. 1,987,403; Jan. 8.
- Cultivator shoe, Surface. E. A. Schnuelle and C. J. Fernquist. 1,990,672; Feb. 12.
- Cultivator shovel back. C. E. Berggren. 1,996,666; Apr. 2.
- Cultivator tooth. H. J. Langley. 1,992,313; Feb. 26.
- Cultivator, Tractor. G. Geraldson. 2,013,629; Sept. 3.
- Cultivator, Tractor mounted. H. P. Smith. 2,005,568; June 18.
- Cultivators, Relief attachment for. H. W. Nelson. 2,005,045; June 18.
- Culvert. J. R. Freeze and R. W. Shartle. 2,006,888; July 2.
- Culvert. J. S. Penney and A. C. Lingley. 1,992,763; Feb. 26.
- Culvert. A. Schroeder, Jr. 1,997,236; Apr. 9.
- Culvert. M. C. Storms. 2,002,301; May 21.
- Culvert and producing it, Paved corrugated. G. R. Hoover and A. H. Thomas. 1,989,926; Feb. 5.
- Culvert structure. F. L. Carswell and O. W. Schmidt. 2,010,293; Aug. 6.
- Culvert, Trussed. F. L. Carswell and O. W. Schmidt. 1,999,500; Apr. 30.
- Cup. *See*—
- Drinking cup. Sanitary cup.
- Grease-cup. Teat cup.
- Packing cup. Vacuum cup.
- Paper cup.
- Cup. C. Barbieri. 2,022,177; Nov. 26.
- Cup and hanger therefor, Turpentine. C. W. Dixon. 2,006,083; June 25.
- Cup and securing means, Turpentine. C. A. Tompkins. 2,006,089; June 25.
- Cup-dispensing device. H. Sebrell. 1,989,249; Jan. 29.
- Cup dropping machine. C. F. Adams. 2,002,213; May 21.
- Cup favor. F. H. Bartlett. 2,025,930; Dec. 31.
- Cup for ice cream, Individual. W. S. Watts. 2,019,552; Nov. 5.
- Cup for lenses and the like, Retaining. R. Malcom. 2,003,379; June 4.
- Cup for planters, Detachable. F. Thompson. 2,017,738; Oct. 15.
- Cup handle. G. S. Hanson. 1,986,927; Jan. 8.
- Cup holder. H. O. Songer. 2,019,801; Nov. 5.
- Cup making machine. H. B. Cooley. 1,987,362; Jan. 8.
- Cupboard, Groceries. O. A. H. Schulz. 1,992,583; Feb. 26.
- Cupboard with drawers. J. W. Janzen. 1,995,569; Mar. 26.
- Cuprammonium filaments, Process of and apparatus for the spinning of. H. Hofmann. 1,997,930; Apr. 16.
- Curb jack. E. F. Green and F. A. Graham. 2,026,507; Dec. 31.
- Curb stop box. F. C. Le Duc. 2,008,138; July 16.
- Curd cutter. E. C. Damrow. 2,007,422; July 9.
- Curier. R. M. McFadden. 2,000,894; May 7.
- Curler. J. H. Thompson. 2,008,195; July 16.
- Curler, Eyelash. J. Goodman. 1,987,931; Jan. 15.
- Curling device. R. M. McFadden. 2,000,893; May 7.
- Current actuated controller, Alternating. J. E. Beggs. 1,988,349; Jan. 15.
- Current alarm, Alternating. A. Kvaal. 1,995,457; Mar. 26.
- Current and apparatus for arc welding, Supplying. R. J. Schmerber. 1,997,234; Apr. 9.
- Current apparatus, Alternating. E. Karplus and W. N. Tuttle. 2,009,013; July 23.
- Current arc welding apparatus, Automatic alternating. W. R. Harding. 1,991,091; Feb. 12.
- Current-carrying device and producing the same, Unidirectional. H. B. Conant. 2,017,842; Oct. 22.
- Current circuit interrupter, Alternating. J. H. Starr. 2,013,427; Sept. 3.
- Current collecting apparatus. W. Schaaake. 2,020,909; Nov. 12.
- Current collecting equipment. W. Schaaake. 2,005,908; June 25.
- Current commutator machine, Alternating. N. Japolsky. 2,014,737; Sept. 17.
- Current conductor, Supervising a loaded alternating. W. Thal. 2,011,384; Aug. 13.
- Current conductor system, more particularly for rushes of heavy currents. C. Reher. 2,008,109; July 16.
- Current constant tape feed recorder, Intermittent. R. M. Hopkins and N. V. Fedotoff. 1,995,030; Mar. 19.
- Current contact apparatus, Centrifugal counter. W. J. Podbielniak. 2,004,011; June 4.
- Current control apparatus. C. P. West. 2,003,024; May 28.
- Current control device, Electric. R. J. Peralta. 2,024,060; Dec. 10.
- Current control system for electric welders. J. V. Caputo. 1,996,902; Apr. 9.
- Current converter, Direct. W. Dillenbach. 2,016,628; Oct. 8.
- Current converter, Electric. R. J. Keogh. 2,020,362; Nov. 12.

- Current converting system and apparatus. F. F. Hutchinson. 1,989,233; Jan. 29.
- Current converting system, Electric. E. Kern. 2,016,012; Oct. 1.
- Current conveyer, Air. J. B. Schaub. 1,994,899; Mar. 19.
- Current distribution system, Alternating. W. Kieser. 2,008,506; July 16.
- Current feed for electrolytic apparatus. J. Billiter. 1,991,838; Feb. 19.
- Current flow in an electric furnace and electrode apparatus therefor, Controlling. J. Ferguson. 2,014,615; Sept. 17.
- Current generating system, Alternating. C. F. Strong. 2,008,524; July 2.
- Current generator, Alternating. K. Lutomirski. 2,014,534; Sept. 17.
- Current in an amplifier, Maintaining constant plate. D. F. Whiting. 1,998,476; Apr. 23.
- Current interrupter, Vibratory. W. A. Whipple. 2,000,204; May 7.
- Current interruption indicator for electric clocks, etc. E. L. Carlson and A. B. Poole. 1,995,497; Mar. 26.
- Current limiting device for use in electrical signaling, Automatic. G. A. Mathieu. 2,010,875; Aug. 13.
- Current rectifier, Electric. H. F. Fruth. 1,989,311; Jan. 29.
- Current rectifier, Electric. S. Ruben. 1,989,463; Jan. 29.
- Current rectifier, Electric. S. Ruben. 1,989,464; Jan. 29.
- Current rectifier, Electric. O. Seitz. 2,016,808; Oct. 8.
- Current rectifier, Multiphase alternating. J. G. W. Mulder. 1,996,482; Apr. 2.
- Current rectifying device, Electric. A. Gaudenzi, S. Widmer, and J. Jonas. 1,990,989; Feb. 12.
- Current rectifying system, Electric. E. Kern and H. Meyer-Delius. 1,994,715; Mar. 19.
- Current rectifying system, Electric. H. Meyer-Delius. 2,022,341; Nov. 26.
- Current regulating system. F. H. Gulliksen. 2,005,893; June 25.
- Current regulator. H. A. Rose and A. J. Maslin. 2,024,746; Dec. 17.
- Current regulator, Multiphase. H. E. Young. 2,021,216; Nov. 19.
- Current relay apparatus, Alternating. R. L. De Loache. 1,987,731; Jan. 15.
- Current responsive element and manufacture therefor. J. Sachs. 2,005,687; June 18.
- Current shut-off mechanism. F. F. Adams. 2,018,590; Oct. 22.
- Current subdividing connecting device, Electric. C. Bowers. 2,006,436; July 2.
- Current supply mechanism, Suction cleaner. F. Riebel, Jr., and D. M. Dow. 2,023,902; Dec. 10.
- Current, System and means for transforming direct. E. L. Barrett. 2,009,425; July 30.
- Current tap device, Portable electric. J. Villa. 2,001,671; May 14.
- Current transmission system such as telephone systems incorporating echo suppressors, Alternating. L. E. Ryall. 1,992,774; Feb. 26.
- Current transmission within limited districts, Power. J. Kolarz. 2,021,557; Nov. 19.
- Current wave indicating apparatus. W. J. Liska. 2,020,195; Nov. 5.
- Currents, Arrangement for producing rectangular alternating. D. Prinz. 2,023,436; Dec. 10.
- Currents, Apparatus for the transformation of direct electric. A. B. Field and C. Dannatt. 1,990,780; Feb. 12.
- Currents, Distributing alternating. F. L. Satterlee and L. W. Kolozsy. 2,023,857; Dec. 10.
- Currents on telephone circuits, Means to reduce the effect of interfering. W. H. Edwards and E. Dietze. 2,024,280; Dec. 17.
- Currents superimposed on electrical power supply lines, Device for receiving high frequency. M. Chirel. 1,996,145; Apr. 2.
- Curtain. I. Silverstein. 2,020,971; Nov. 12.
- Curtain, Adjustable. H. Geller. 2,017,830; Oct. 15.
- Curtain and drapery attachment. A. H. Goodman. 2,012,097; Aug. 20.
- Curtain and drapery rod. L. D. Smith. 1,998,256; Apr. 16.
- Curtain and making same. R. I. Bosworth. 1,988,978; Jan. 22.
- Curtain construction. W. S. Hamm. 1,986,773; Jan. 1.
- Curtain construction. L. Sussman. 1,990,313; Feb. 5.
- Curtain construction. G. E. Wattman. 1,992,728; Feb. 26.
- Curtain fastening means. B. A. Schroeder. 2,008,471; July 16.
- Curtain fixture. W. S. Hamm. 2,015,848; Oct. 1.
- Curtain fixture. L. R. Johnson. 2,011,815; Aug. 20.
- Curtain, Fruit. J. L. Taylor. 1,991,640; Feb. 19.
- Curtain hanger. D. Press. 2,015,815; Oct. 1.
- Curtain operating apparatus. E. J. Vallen. 2,012,460; Aug. 27.
- Curtain operating mechanism. W. H. Courtright. 2,023,666; Dec. 10.
- Curtain operating mechanism. T. W. Holt and J. F. Levan. 2,014,178; Sept. 10.
- Curtain plaining and stitching machine. H. Phillips. 1,993,799; Mar. 12.
- Curtain protector. A. Juelson. 2,000,846; May 7.
- Curtain ring adjuster. E. T. Fletcher. 2,020,653; Nov. 5.
- Curtain rod. B. E. Moriarty. 2,021,634; Nov. 19.
- Curtain rod and supporting means therefor. M. Kahle. 2,017,098; Oct. 15.
- Curtain rod guiding device. G. J. Koehler. 2,024,694; Dec. 17.
- Curtain rod, Movable shower. W. O. Thompson. 1,011,662; Aug. 20.
- Curtain roller. A. T. Hagerty. 2,022,807; Dec. 3.
- Curtain roller bracket. W. O'Connor. 2,013,500; Sept. 3.
- Curtain, Sandblast. R. Ruemelin. 2,012,055; Aug. 20.
- Curtain stretcher tool. M. R. Yarger. 2,007,067; July 2.
- Curtain stretching and impaling device. M. E. Zettler. 1,992,275; Feb. 26.
- Curtain structure. F. E. Twiss. 2,011,599; Aug. 20.
- Curtain supporting arrangement. E. R. Widman. 2,004,262; June 11.
- Curtain, Window. T. F. Byron. 2,002,171; May 21.
- Curtains and drapes, Device to raise and lower. M. Jenal. 2,026,388; Dec. 31.
- Curtains, Making lace. J. Waterfield. 2,021,844; Nov. 19.
- Curved surfaces, Apparatus for dividing. W. Bohne. 1,989,396; Jan. 29.
- Curves, Apparatus for describing and tracing. E. Africano. 2,025,842; Dec. 31.
- Curves, Mechanism for laying out. A. F. Krumholz. 2,018,894; Oct. 29.
- Curvilinear. S. L. Hensley. 1,987,010; Jan. 8.
- Cushion. W. Dermott. 1,994,759; Mar. 19.
- Cushion. C. H. Gerlofson and T. G. Nelson. 2,012,042; Aug. 20.
- Cushion. W. C. van Dresser. 2,008,158; July 16.
- Cushion and elastic stuffing. I. H. and A. Singer. 2,024,837; Dec. 17.
- Cushion arch support. C. Saladino. 2,009,789; July 30.
- Cushion, Carboy. R. W. Lahey and H. A. Kast. 2,021,878; Nov. 19.
- Cushion, Convertible. W. U. Stonehill. 2,013,481; Sept. 3.
- Cushion, Electrically heated. H. and C. Kindermann. 2,012,631; Aug. 27.
- Cushion for furniture, Spring. F. X. and A. W. Nemmer. 2,006,218; June 25.
- Cushion for shoes, Auxiliary metatarsal. A. Smith, Jr. 2,018,233; Oct. 22.
- Cushion mangle drum. E. Herzog. 1,990,648; Feb. 12.
- Cushion means for tools. F. B. Hamerly. 2,019,964; Nov. 5.
- Cushion pads, Method and machine for making. G. A. Gerard. 2,004,658; June 11.
- Cushion, Removable adjusting. H. L. Skillman. 2,023,248; Dec. 3.
- Cushion, Seat. W. C. Kennedy. 1,991,751; Feb. 19.
- Cushion seat and the like, Vehicle. J. M. Caughey. 2,020,397; Nov. 12.
- Cushion seat cover. R. Braukhof. 2,017,178; Oct. 15.
- Cushion, Spring. J. R. Lee. 2,008,670; July 23.
- Cushion, Stair tread. K. G. Kastner. 1,999,127; Apr. 23.
- Cushion tow hook. H. Ketel. 1,991,684; Feb. 19.
- Cushion, Ventilated seat. L. M. Bickett. 2,025,712; Dec. 31.
- Cushion wheel. C. O. Guernsey. 2,014,731; Sept. 17.
- Cushioned universal joint. J. J. Neumann. 2,024,777; Dec. 17.
- Cushioning body and producing the same. C. H. Heldenbrand. 1,988,843; Jan. 22.
- Cushioning device. J. Mercier. 2,017,419; Oct. 15.
- Cushioning device for pneumatic hammers. P. Faudi. 1,988,982; Jan. 22.
- Cushioning device for seats and the like. M. Heller. 2,008,392; July 16.
- Cushioning effect of carpet or rug linings, Apparatus for demonstrating the. J. D. Cook. 1,994,981; Mar. 19.
- Cushioning means for clutches. F. E. Munschauer. 2,011,822; Aug. 20.
- Cushioning mechanism. D. S. Barrows. 1,988,427; Jan. 15.
- Cushioning mechanism. D. S. Barrows. 2,023,000; Dec. 3.
- Cushioning supporting means. C. C. Cheyney. 2,014,467; Sept. 17.
- Cushions, Apparatus for making carpet. A. L. Clements. 2,012,303; Aug. 27.
- Cuspidor. H. Pfeifer. 2,011,346; Aug. 13.
- Cut flower holder. C. D. Suter. 1,993,692; Mar. 5.
- Cut-off, Automatic gas. H. H. Christensen. 2,016,484; Oct. 8.
- Cut-off device, Automatic. R. D. Conklin. 1,998,221; Apr. 16.
- Cut-off, Engine. J. O. Everett. 1,989,230; Jan. 29.
- Cut-off for meters. C. S. Hazard. 2,012,563; Aug. 27.
- Cut-off machine. N. C. Rubin. 2,005,052; June 18.
- Cut-off machine and ferrule press. G. C. Burd. 1,988,716; Jan. 22.
- Cut-off mechanism for heading machines. C. T. Brennan. 1,989,398; Jan. 29.
- Cut-off mechanism for sheet material. D. H. Goodwillie and E. L. Walters. 2,002,346; May 21.
- Cut-out. R. A. Bennett. 2,011,391; Aug. 13.
- Cut-out, Automatic. H. L. Brump. 1,997,040; Apr. 9.
- Cut-out die. C. E. Hardenbrook. 2,006,353; July 2.
- Cut-out, Fusible. D. L. Rönneberg. 2,003,977; June 4.
- Cut-out for electric lamps. C. Severin and L. R. Peters. 1,992,844; Feb. 26.
- Cut-out for spark plug suppressors. J. W. FitzGerald. 2,021,056; Nov. 12.

- Cutout for stoker motors, Overload. W. E. Moore. 2,022,007; Nov. 26.
- Cut-out, High voltage primary. G. H. Fiedler. 2,026,381; Dec. 31.
- Cut-out switch. A. Particelli. 2,020,202; Nov. 5.
- Cutter: See—
- Bean cutter. Machine cutter.
 - Bean pod cutter. Meat cutter.
 - Brush and stubble cutter. Metal and pipe cutter.
 - Brush and thistle cutter. Paper cutter.
 - Brush cutter. Pie cutter.
 - Butter and cheese cutter. Pie or cake cutter.
 - Corn cutter. Pipe cutter.
 - Curd cutter. Potato cutter.
 - Drill cutter. Recessing cutter.
 - Fabric cutter. Roll paper cutter.
 - Filling cutter. Rotary cutter.
 - Flower cutter. Rotary toothed cutter.
 - Food cutter. Seed potato cutter.
 - Fuse cutter. Tire cutter.
 - Gear cutter. Tree and stump cutter.
 - Grass cutter. Vine cutter.
 - Hair cutter. Weed and grass cutter.
 - Inside casing cutter.
- Cutter. J. D. Bates, Jr. 1,997,992; Apr. 16.
- Cutter. J. Edgar. 2,015,068; Sept. 24.
- Cutter. R. Flury. 1,998,665; Apr. 23.
- Cutter and breaker, Tile. S. I. Granite. 1,995,741; Mar. 26.
- Cutter and grader, Adjustable garment edge. J. Shovlow-sky. 2,018,503; Oct. 22.
- Cutter and grader, Vegetable stalk. M. P. Bonvallet. 1,992,688; Feb. 26.
- Cutter and planter, Potato. C. B. Herrick. 2,023,323; Dec. 3.
- Cutter bar for key seaters. H. E. Morton. 2,018,185; Oct. 22.
- Cutter bar for lawn mowers, Self-adjusting. A. D. Bunn. 2,007,743; July 9.
- Cutter bearing. K. Zwick. 2,024,196; Dec. 17.
- Cutter blade holder. B. and S. Tewelow. 2,003,497; June 4.
- Cutter blades for slicing machines, Producing. J. Hansen. 2,002,812; May 28.
- Cutter chain. F. L. Fulke. 1,994,019; Mar. 12.
- Cutter chain. W. A. Hamilton. 2,017,457; Oct. 15.
- Cutter chain. M. P. Holmes. 1,999,193; Apr. 30.
- Cutter chain. J. Ross. 2,020,215; Nov. 5.
- Cutter for beveled gears. M. Dorman. 2,024,914; Dec. 17.
- Cutter for ceilings, walls, and the like, Electric. E. Heubach. 1,990,991; Feb. 12.
- Cutter for drill bits. J. A. Zublin. 2,025,258; Dec. 24.
- Cutter for drill bits. J. A. Zublin. 2,025,260; Dec. 24.
- Cutter for forming twist drills. H. A. Covill. 1,989,667; Feb. 5.
- Cutter for hydraulic dredges. L. E. McFadyen. 2,017,816; Oct. 15.
- Cutter for longitudinal and radial vegetable slicing. J. E. Gustin. 2,012,507; Aug. 27.
- Cutter for paper and board stock. R. R. Matthews. 2,013,893; Sept. 10.
- Cutter head for power driven hair clipping and shaving devices. M. Andis. 1,997,096; Apr. 9.
- Cutter head guard for shaping machines. S. I. Hartzell and L. Franke. 2,008,391; July 16.
- Cutter line gauge. A. K. Taylor. 2,026,145; Dec. 31.
- Cutter mill. V. Matejcek. 2,026,426; Dec. 31.
- Cutter sharpening machine. E. W. Miller. 1,991,406; Feb. 19.
- Cutting and assembling machine. F. Madina. 1,996,048; Mar. 26.
- Cutting and collecting mechanism for printing machines. C. G. Quick and W. A. Whitehead. 2,022,688; Dec. 3.
- Cutting and grinding mill, Combination. O. N. Gredell. 2,004,753; June 11.
- Cutting and gumming machine. H. Pierce. 2,022,521; Nov. 26.
- Cutting and slitting machinery. C. Bustamante. 2,011,614; Aug. 20.
- Cutting and stapling mechanism for printing machines. C. G. Quick, D. A. Ball, and W. A. Whitehead. 1,995,781; Mar. 26.
- Cutting apparatus. E. A. Rosin. 2,022,739; Dec. 3.
- Cutting apparatus for mowers and the like. P. Kane. 1,999,050; Apr. 23.
- Cutting back pitch in two stages. S. P. Miller. 2,007,378; July 9.
- Cutting bit. T. S. Brightwell. 2,010,009; Aug. 6.
- Cutting cushion for folding cylinders. H. A. W. Wood. 1,986,457; Jan. 1.
- Cutting device. J. C. Olsen. 2,013,894; Sept. 10.
- Cutting device. H. P. Troendly. 2,007,012; July 2.
- Cutting device. K. B. Ullman, Jr. 1,997,242; Apr. 9.
- Cutting device. J. De Vellier. 1,998,493; Apr. 23.
- Cutting device, Portable. D. Polly. 1,998,556; Apr. 23.
- Cutting die. E. W. Stacey. 1,992,250; Feb. 26.
- Cutting edge for drilling tools and producing same. J. A. Zublin. 1,995,284; Mar. 19.
- Cutting edge tester. R. W. Brown. 2,008,678; July 23.
- Cutting, folding, and associating mechanism for printing machines. A. M. Zuckerman. 2,026,515; Dec. 31.
- Cutting implement. A. J. Gilles. 1,988,379; Jan. 15.
- Cutting instrument. E. P. Sacrey. 2,015,535; Sept. 24.
- Cutting machine. F. W. Billker. 2,015,250; Sept. 24.
- Cutting machine. J. L. Ferguson. 2,020,113; Nov. 5.
- Cutting machine. C. B. Gray. 2,019,781; Nov. 5.
- Cutting machine. T. B. Hawkes. 2,017,622; Oct. 15.
- Cutting machine. S. Kendrek. 2,010,765; Aug. 6.
- Cutting machine. C. G. Miller and W. R. Fintleman. 1,993,614; Mar. 5.
- Cutting machine. E. A. Rosin. 1,998,968; Apr. 23.
- Cutting machine. C. H. Schurr. 2,024,810; Dec. 17.
- Cutting machine. E. L. Walters. 2,026,109; Dec. 31.
- Cutting machine, Automatic. J. A. Booman. 2,015,990; Oct. 1.
- Cutting machine block. G. B. Britton. 2,013,550; Sept. 3.
- Cutting machine, Portable. A. B. Thompson and W. D. Cutting machine track. E. D. Brown. 2,021,441; Nov. 19.
- Graves. 1,989,120; Jan. 29.
- Cutting machinery. J. E. Blosser and P. Burke. 2,022,799; Dec. 3.
- Cutting machines, Feeding mechanism for. R. M. Tucker. 2,004,021; June 4.
- Cutting machines for paper, cardboard and the like provided with automatic means for feeding the material to be cut. G. Schmidt. 1,996,591; Apr. 2.
- Cutting mechanism. C. S. Crafts. 2,020,996; Nov. 12.
- Cutting mechanism. W. L. Irvine. 1,995,712; Mar. 26.
- Cutting mechanism for ensilage cutters. G. M. Merwin. 1,992,437; Feb. 26.
- Cutting mechanism for printing machine folders. J. R. Tomlin. 2,007,731; July 9.
- Cutting mechanism for rotary printing machines. M. Mahon. 1,986,212; Jan. 1.
- Cutting mechanism for wrapping machines. W. Hoppe. 2,014,765; Sept. 17.
- Cutting or welding apparatus, Portable. J. L. Anderson. 2,015,329; Sept. 24.
- Cutting or welding machine. J. L. Anderson. 2,015,330; Sept. 24.
- Cutting table. R. B. Knight and L. Kahn. 2,006,074; June 25.
- Cutting table. R. J. Louviaux. 2,002,348; May 21.
- Cutting tool. C. A. Bieling and W. P. Mason. 2,014,222; Sept. 10.
- Cutting tool. G. O. Howard. 2,007,395; July 9.
- Cutting tool. I. R. Randle and H. R. McCune. 2,018,149; Oct. 22.
- Cutting tool. I. B. Rosenberg and I. Fleer. 1,990,310; Feb. 5.
- Cutting tool. C. W. Simmons. 2,017,447; Oct. 15.
- Cutting tool. F. F. Steiner. 2,009,032; July 23.
- Cutting tool. F. C. Wenzel. 1,990,967; Feb. 12.
- Cutting tool, Metal tube. T. Briegel. 2,007,122; July 2.
- Cutting tool, Rotary gear. E. Wildhaber. 1,996,987; Apr. 9.
- Cyanamide resin. P. W. Griffith. 2,019,490; Nov. 5.
- Cyanide composition and making the same. H. D. Young. 2,014,546; Sept. 17.
- Cyanide process and apparatus. L. D. Mills, T. B. Crowe, and L. W. Lennox. 1,990,559; Feb. 12.
- Cyanide process and the product. E. J. Pranke. 2,004,130; June 11.
- Cyanide solutions, Treating. T. Ewan and R. J. Lemmon. 1,992,060; Feb. 19.
- Cyanide treatment of ores. J. P. Ruth, Jr. 2,006,875; July 2.
- Cylinder and design sheet for use therewith, Printing. L. T. A. Robinson. 1,996,348; Apr. 2.
- Cylinder block construction for air cooled engines. C. S. Brown. 2,012,739; Aug. 27.
- Cylinder block, Engine. F. G. Shoemaker and G. E. Ehrling. 2,001,854; May 21.
- Cylinder cock. R. H. George. 2,002,450; May 21.
- Cylinder, Compound. H. C. Bowen. 2,015,511; Sept. 24.
- Cylinder door construction, Washing. B. Lindberg. 1,987,513; Jan. 8.
- Cylinder for drying and other purposes, Rotatable. H. Ford. 2,017,762; Oct. 15.
- Cylinder for internal combustion engines, Air cooled. A. F. von Seld, Jr., and A. Gumprecht. 1,997,502; Apr. 9.
- Cylinder for internal combustion motors. J. J. Mascuch. 1,993,014; Mar. 5.
- Cylinder for vehicles and the like, Fluid pressure control. H. M. Rockwell. 1,998,821; Apr. 23.
- Cylinder gauge. A. H. Bates. 2,019,287; Oct. 29.
- Cylinder glass plunger actuator, Tandem. E. Miller. 2,011,950; Aug. 20.
- Cylinder grinding tool. H. W. Zimmerman. 1,987,457; Jan. 8.
- Cylinder head. E. G. Fahlman. 2,013,627; Sept. 3.
- Cylinder head and combustion chamber construction. P. E. Mack. 2,024,462; Dec. 17.
- Cylinder head construction. C. S. Brown. 2,022,556; Nov. 26.
- Cylinder head for gas engines, Hooded. R. S. Moore. 2,000,248; May 7.
- Cylinder head for internal combustion engines. D. E. Anderson. 2,003,571; June 4.
- Cylinder head for internal combustion engines. E. G. Fahlman. 2,010,782; Aug. 6.
- Cylinder head for internal combustion engines. F. Gossiau. 2,025,506; Dec. 24.
- Cylinder head of internal combustion oil engines. J. H. S. Gardner. 2,012,383; Aug. 27.
- Cylinder lock. S. A. Liss. 2,003,086; May 28.
- Cylinder lock. P. W. Olson. 2,023,208; Dec. 3.
- Cylinder lock. S. A. Liss. 2,011,003; Aug. 13.
- Cylinder lock. J. H. Shaw. 1,986,453; Jan. 1.
- Cylinder machine. J. Edge. 2,005,839; June 25.

- Cylinder, Master. W. F. Oliver. 2,000,187; May 7.
 Cylinder packings, Making. P. W. Dempsey. 2,004,652; June 11.
 Cylinder paper machine. S. V. Minsky, L. T. Foley, and H. Leopold. 2,001,208; May 14.
 Cylinder paper machine and suction roll for use therein. C. L. Ellis. 1,998,046; Apr. 16.
 Cylinder, Press. M. J. Power. 1,990,839; Feb. 12.
 Cylinder, Pressed-metal. O. Mitchell. 2,019,154; Oct. 29.
 Cylinder, Printing. E. Ericksson. 1,995,973; Mar. 26.
 Cylinder, Printing. L. T. A. Robinson. 1,999,109; Apr. 23.
 Cylinder, Printing. O. R. Schultz. 2,004,136; June 11.
 Cylinder reconditioning tool. E. D. Green. 1,993,004; Mar. 5.
 Cylinder ridge reamer. H. W. Zimmerman. 2,004,741; June 11.
 Cylinder, Spot welded. C. E. Waream. 2,026,333; Dec. 31.
 Cylinder structure, Rotary. C. E. Waream. 1,998,566; Apr. 23.
 Cylinder support for circular rib knitting machines. W. Larkin. 1,988,359; Jan. 15.
 Cylinders, Apparatus for grinding long. R. A. Steinbauer. 2,011,091; Aug. 13.
 Cylinders, Machining. K. W. Connor. 2,006,158-9; June 25.
 Cylinders, Manufacturing light weight. E. C. Smith. 1,987,718; Jan. 15.
 Cylinders, Method and apparatus for polishing. J. W. Offutt. 1,986,745; Jan. 1.
 Cylinders, Method of and apparatus for forming. W. A. Lippincott. 2,011,585; Aug. 20.
 Cylinders, Printing and other. L. T. A. Robinson. 2,014,985; Sept. 17.
 Cylindrical articles and method and apparatus for manufacturing the same. G. E. Landt. 2,001,031; May 14.
 Cylindrical bodies, Apparatus for and process of making. C. M. Yoder. 2,001,757; May 21.
 Cylindrical members, Apparatus for grinding and lapping. C. R. Helm. 1,987,850; Jan. 15.
 Dam. A. P. Boeuf. 1,990,723; Feb. 12.
 Dam construction. R. R. Lun. 1,986,113; Jan. 1.
 Dam facing. W. H. Bailey. 2,010,803; Aug. 13.
 Dam forming attachment for lister plows. H. W. Wetzel. 2,021,343; Nov. 19.
 Damage by termites, Preventing. A. C. Chandler. 1,994,752; Mar. 19.
 Damage to vegetation by frosting and sun-burning temperatures, Apparatus for preventing. C. W. Towt. 1,993,635; Mar. 5.
 Damper for weighing apparatus. C. Best. 2,006,255; June 25.
 Dampening and steaming assembly for pressing irons. G. T. Fielding. 2,026,422; Dec. 31.
 Dampening device for lithographic offset presses and the like. J. Schultz. 1,991,962; Feb. 19.
 Dampening device for locomotives, Lateral motion. J. G. Blunt. 2,025,931; Dec. 31.
 Dampening mechanism for printing presses. C. W. Harold. 2,002,815; May 28.
 Dampening method and means for planographic printing. G. S. Rowell. 1,992,966; Mar. 5.
 Dampening method and means for planographic printing. W. B. Wescott. 2,007,588; July 9.
 Dampening the plate cylinders of lithographic and analogous presses, Apparatus for. J. G. Goedike. 2,025,046; Dec. 24.
 Dampening the plate cylinders of lithographic and analogous presses, Process and apparatus for. J. G. Goedike. 2,025,045; Dec. 24.
 Damper. C. H. Weiskopf. 1,999,492; Apr. 30.
 Damper and gas control means. E. J. Maurer. 2,009,782; July 30.
 Damper, Automatic. I. M. McConnell, Jr. 1,993,069; Mar. 5.
 Damper, Check. M. F. Corridan. 2,016,485; Oct. 8.
 Damper, Check. R. D. Wells. 2,024,674; Dec. 17.
 Damper control. R. C. Yates and A. M. Millward. 1,992,456; Feb. 26.
 Damper control for stokers. J. Roland. 1,997,833; Apr. 16.
 Damper, Fabricated. P. S. Menough. 2,003,154; May 28.
 Damper for folding machines, Vibration. F. Lamatsch. 2,026,236; Dec. 31.
 Damper for high temperature flues, Nonbuckling. F. A. Fahrenwald. 1,991,016; Feb. 12.
 Damper, Furnace. J. W. Franz. 2,011,103; Aug. 13.
 Damper operating means. P. J. O'Brien. 1,987,074; Jan. 8.
 Damper regulator. W. D. Lewis. 2,022,511; Nov. 26.
 Damper, Stack. G. F. Neff. 2,014,187; Sept. 10.
 Damper, Tuyère. H. E. Preston. 1,989,024; Jan. 22.
 Damper, Vibration. W. R. Griswold. 2,017,963; Oct. 22.
 Damper, Vibration. R. A. Monroe and R. L. Templin. 1,992,538; Feb. 26.
 Damper, Vibration. L. Rostoker. 1,995,190; Mar. 19.
 Dampers, Operating mechanism for flue. W. B. Mathews. 1,991,365; Mar. 12.
 Dampening device for overhead cables. H. Schmitt. 1,997,154; Apr. 9.
 Dandelion puller. F. J. Casey. 2,000,219; May 7.
 Darning, Device for facilitating. A. A. Storey. 2,018,239; Oct. 22.
 Data sheet holder. G. D. Cox. 2,003,854; June 4.
 Date scheduling appliance, Visible. A. Herz. 2,025,745; Dec. 31.
 Dating device. W. J. Pearson. 2,003,219; May 28.
 Dating device for labeling machines. D. Carlstein. 2,022,310; Nov. 26.
 Davit. J. Young. 2,023,258; Dec. 3.
 Dead bodies, Preserving. L. G. Kassabian. 2,023,685; Dec. 10.
 Deaerator, Cascade. H. C. Stephens and S. B. Hoar. 2,020,250; Nov. 5.
 Decaffeinizer and coffee saver. A. H. Broden. 1,991,653; Feb. 19.
 Decalcification and making the same. J. F. McNutt. 1,996,549; Apr. 2.
 Decantation apparatus and method. J. Zollinger. 1,989,505; Jan. 29.
 Deceleration control device, Automatic. A. G. H. Vanderpool. 2,017,878; Oct. 22.
 Decelerator. E. A. Rockwell. 2,008,403; July 16.
 Deck chair. O. R. Platter. 2,021,808; Nov. 19.
 Deck for oil storage tanks, Floating. A. M. Griffin. 2,007,193; July 9.
 Deck, Parting. A. Breti. 2,009,384; July 30.
 Deck tank, Multiple seal floating. A. A. Bramer. 1,992,221; Feb. 26.
 Decking apparatus. C. L. Snyder. 2,020,858; Nov. 12.
 Decoction apparatus. R. de Silva. 2,021,293; Nov. 19.
 Decompression valve. K. Connell. 2,023,915; Dec. 10.
 Deconcentrator. J. A. Powell and W. H. Armacost. 2,016,556; Oct. 8.
 Decorated box. G. R. Kreider, Jr. 2,020,840; Nov. 12.
 Decorated box. G. R. Kreider. 2,026,047; Dec. 31.
 Decorating article surfaces. F. J. Strassner and S. A. Whitmore. 2,010,336; Aug. 6.
 Decorating objects and decorated objects obtained by means of these methods. L. Dufay. 1,996,539; Apr. 2.
 Decorating surfaces, Method of. C. B. Hemming and E. C. Pitman. 1,999,413; Apr. 30.
 Decoration for burial caskets, Illuminated. R. S. Minkel. 2,019,192; Oct. 29.
 Decorative apparatus. J. J. Gerondale. 1,999,005; Apr. 23.
 Decorative device. W. A. Bary and N. Skidelsky. 2,013,485; Sept. 3.
 Decorative material. A. F. Caprio. 2,019,951; Nov. 5.
 Decorative material. A. Landis. 2,020,470; Nov. 12.
 Decorative surfaces on metal, Producing. C. Honegger. 2,009,804; July 30.
 Decorticating device for timber. A. Bezner. 1,986,707-8; Jan. 1.
 Decortication, Process of. A. T. Ratliff. 2,011,077; Aug. 13.
 Decoy, Goose. J. Gazalski and J. Buchanan. 2,011,480; Aug. 13.
 Decoy tethering device. C. Esau. 1,994,097; Mar. 12.
 Decrescendo timing control. J. H. Hammond, Jr. 2,008,709; July 23.
 Dedusting apparatus. N. L. Snow. 1,989,773-4; Feb. 5.
 Dedusting apparatus. N. L. Snow and H. E. Brelsford. 2,015,355; Sept. 24.
 Deep well pump. S. A. Erwin. 2,025,277; Dec. 24.
 Debeathering compound. O. T. Bloom and L. S. Paddock. 2,017,648; Oct. 15.
 Defective light signal. F. H. Sensiba and C. W. Sensiba. 2,002,251; May 21.
 Defibrizer. W. G. Hagmaier and E. C. Shaw. 1,999,607; Apr. 30.
 Defibrizer. E. C. Shaw and W. G. Hagmaier. 1,987,946; Jan. 15.
 Defibrating. C. H. Reynell and A. J. V. Ware. 2,004,731; June 11.
 Deflecting device. J. R. Thorp. 2,000,107; May 7.
 Deflection variator. H. Ernst. 2,020,773; Nov. 12.
 Deflector for automobiles. W. L. Morrison. 2,022,087; Nov. 26.
 Deflector for gas stoves and the like. P. A. Hentschel. 2,024,350; Dec. 17.
 Deflector for gas stoves, or the like. J. Wilder. 2,005,121; June 18.
 Deflector, Gas saving. B. S. Smith. 2,005,982; June 25.
 Defoamer. H. E. Veit. 2,018,749; Oct. 29.
 Defoaming apparatus. D. D. Peebles. 1,993,944; Mar. 12.
 Defroster. J. G. Edwards. 2,024,031; Dec. 10.
 Defroster. M. B. Roy. 2,024,578; Dec. 17.
 Defroster for refrigerators. A. W. Ruff. 2,008,628; July 16.
 Defroster switch. M. E. Henning. 2,020,835; Nov. 12.
 Defrosting. M. A. Hirsch. 1,999,191; Apr. 30.
 Defrosting. M. A. Hirsch. 1,999,930; Apr. 30.
 Defrosting. L. H. Middleton. 2,015,279; Sept. 24.
 Defrosting indicator for mechanical refrigerators. J. I. Schweitzer. 2,007,409; July 9.
 Defrosting system. W. R. Kitzmiller. 2,001,027-8; May 14.
 Degreasing. J. Savage. 2,020,335; Nov. 12.
 Degreasing agent. P. Hodges. 1,993,098; Mar. 5.
 Dehorning device. W. R. Nisbet. 1,994,864; Mar. 19.
 Dehydrating apparatus. G. D. Arnold. 1,988,677; Jan. 22.
 Dehydrating process. G. D. Arnold. 1,988,678; Jan. 22.
 Dehydration apparatus. H. E. Oskamp. 2,017,728; Oct. 15.
 Delay switch. F. L. Moore. 1,989,524; Jan. 29.
 Delayed action electric switch. C. A. Turner. 1,997,090; Apr. 9.

- Delignification, Process and apparatus for. W. G. Scharmann. 2,007,348; July 9.
- Delivering and stacking mechanism. A. Novick. 1,991,411; Feb. 19.
- Delivery and transfer mechanism. A. Swenson. 2,006,490; July 2.
- Delivery box. J. A. Hopwood. 2,008,827; July 23.
- Delivery device. C. R. Kirk. 1,998,625; Apr. 23.
- Delivery device for cigarette rod machines. J. Herrmann. 2,010,486; Aug. 6.
- Delivery mechanism for paper box machines. E. G. Staude. 1,986,023; Jan. 1.
- Delivery mechanism for printing machines. N. De Manna. 2,026,162; Dec. 31.
- Delivery mechanism for printing presses. J. E. Meyer. 2,025,119; Dec. 24.
- Delivery table, Cross-roll. S. E. Diescher. 2,011,802; Aug. 20.
- Demand indicator. H. Dallmann. 2,020,997; Nov. 12.
- Demand meter. T. A. Rich. 2,019,318; Oct. 29.
- Demand meter. B. H. Smith. 2,003,016; May 28.
- Demand meter. J. H. Stark. 2,010,705; Aug. 6.
- Demand meter. J. H. Stark and H. M. Witherow. 2,006,321; June 25.
- Demonstration apparatus of gyroscopic principles. P. L. Tea. 1,987,763; Jan. 15.
- Demountable electron tube. L. A. Gebhard. 1,993,724; Mar. 5.
- Demountable tube. High power. L. A. Gebhard. 2,009,444; July 30.
- Demountable wheel. W. K. Dodge. 2,001,242; May 14.
- Demountable wheel. C. L. Fry. 1,995,097; Mar. 19.
- Demountable wheel. M. Gzupkavtie. 1,997,821; Apr. 16.
- Demountable wheel. W. Robinson. 2,018,190; Oct. 22.
- Demountable wheel. W. S. Snow. 2,011,693; Aug. 20.
- Den. Animal. F. S. Cole. 2,002,259; May 21.
- Denaturant for alcohol and preparing the same. F. K. Frolich and F. L. Miller. 1,993,271; Mar. 5.
- Denaturant for fats and fatty oils. J. E. Muth. 2,025,954; Dec. 31.
- Density control device for knitting machines. A. Gee. 2,024,518; Dec. 17.
- Dental aligning and testing device. E. L. Chott. 2,016,103; Oct. 1.
- Dental alloy. J. R. Stack. 2,024,545; Dec. 17.
- Dental apparatus. R. Klicka. 1,990,550; Feb. 12.
- Dental apparatus. O. H. Pieper. 2,021,518; Nov. 19.
- Dental apparatus. C. F. Rohr. 2,026,065; Dec. 31.
- Dental appliance. G. F. Brown. 2,022,457; Nov. 26.
- Dental appliance. F. H. Doner. 1,990,404; Feb. 5.
- Dental appliance. J. E. Meadows. 2,003,692; June 4.
- Dental articulator. J. I. Lawson. 2,018,679; Oct. 29.
- Dental attachment for removable bridgework. E. H. Ecker. 1,990,532; Feb. 12.
- Dental carving machine. H. Spiro. 2,007,884; July 9.
- Dental casting machine. C. S. Van Horn. 2,000,801; May 7.
- Dental casting patterns, Apparatus for investing. D. W. Phillips. 2,006,652; July 2.
- Dental castings, Apparatus for making precise. D. W. Phillips. 2,011,649; Aug. 20.
- Dental cleaner. A. N. Spänel. 1,997,877; Apr. 16.
- Dental cleaning and polishing compound. M. W. Atkins. 2,010,910; Aug. 13.
- Dental cleansing and massage device. H. L. Welker. 2,016,951; Oct. 8.
- Dental contraangle hand piece. M. E. Swisher and F. B. Muelender. 1,999,488; Apr. 30.
- Dental crown, inlay, and bridge work. H. Spiro. 2,010,611; Aug. 6.
- Dental equipment, Thermostatically controlled. J. B. McGregor. 1,994,917; Mar. 19.
- Dental film pack holder. D. A. MacEachern. 2,014,946; Sept. 17.
- Dental floss applicator. V. C. Getz. 2,013,143; Sept. 3.
- Dental floss holder. H. T. Sharp. 1,986,371; Jan. 1.
- Dental handpiece. J. H. Blair. 2,016,766; Oct. 8.
- Dental handpiece, Angle. P. R. Skinner. 2,005,849; June 25.
- Dental hand pieces and stone protectors and water coolers, Attachment for. G. G. Lowry. 2,012,886; Aug. 27.
- Dental handpieces, Angular attachment for. W. J. Terry. 2,010,421; Aug. 6.
- Dental implement. J. E. Hite. 1,997,730; Apr. 16.
- Dental implement. E. A. Page. 2,014,289; Sept. 10.
- Dental implement. M. D. Rathbun. 1,992,770; Feb. 26.
- Dental impression reinforcement tray. L. Kalvin. 2,011,860; Aug. 20.
- Dental instrument. R. E. Barr. 1,989,162; Jan. 29.
- Dental instrument. C. O. Engstrom. 2,021,445; Nov. 19.
- Dental instrument for removing impacted teeth. D. J. McDaniels. 2,002,245; May 21.
- Dental investment composition and process. P. F. Collins. 2,006,733; July 2.
- Dental lighting system. H. L. Logan. 1,987,019; Jan. 8.
- Dental matrix retainer. M. Crowe. 1,992,993; Mar. 5.
- Dental matrix retainer. C. S. Ivory. 1,990,381; Feb. 5.
- Dental model. B. L. Spitzer and A. Benko. 2,005,114; June 18.
- Dental patterns, Apparatus and method for investing. D. W. Phillips. 2,010,700; Aug. 6.
- Dental plate. E. Kaczmarek. 2,003,891; June 4.
- Dental plates, Producing composite. S. Loos. 2,025,759; Dec. 31.
- Dental speculum. G. G. Lowry. 1,998,374; Apr. 16.
- Dental spraying apparatus. R. H. Campbell. 1,988,979; Jan. 22.
- Dental tool. G. A. Roelke. 2,025,779; Dec. 31.
- Dental tool. A. D. Wiseman. 2,017,881; Oct. 22.
- Dental X-ray film support. H. Van Valkenburg. 2,010,281; Aug. 6.
- Dentifrice. R. A. Kuever. 2,019,142; Oct. 29.
- Dentifrice and making same. H. L. Crowther. 2,024,146; Dec. 17.
- Dentifrice preparation. G. A. McDonald and D. Miller. 2,018,410; Oct. 22.
- Denture. F. Groff. 1,990,903; Feb. 12.
- Denture. J. J. Tidd. 2,013,295; Sept. 3.
- Denture articulator. B. L. Keeny. 1,989,367; Jan. 29.
- Denture, Artificial. B. Vend. 2,018,821; Oct. 29.
- Deodorant. M. Cline. 2,024,145; Dec. 17.
- Deodorant container. H. L. Aronson and B. W. Seidel. 2,020,864; Nov. 12.
- Deodorizer. F. G. Cornell, Jr. 2,025,196; Dec. 24.
- Deodorizer. A. L. Saeks. 2,011,732; Aug. 20.
- Depilator and applying same. H. W. Fiedler. 2,009,394; July 30.
- Depilatory agent. O. M. Hedberg. 2,018,359; Oct. 22.
- Depilatory method and apparatus. J. A. Byrne. 2,024,624; Dec. 17.
- Deposit receptacle. C. F. Meilink. 2,017,669; Oct. 15.
- Depositing device for meat and sausage slicing machines with rotary circular knives, Automatic. J. Kallos. 2,013,054; Sept. 3.
- Depths or distances, Measuring. E. E. Turner, Jr. 2,009,460; July 30.
- Derivative of cellulose composition and making the same. C. Dreyfus and W. Whitehead. 1,986,879; Jan. 8.
- Derivatives from drying oils. K. Ott, H. Gensel, and H. Schüssler. 2,023,768; Dec. 10.
- Derivatives of acenaphthene and making same. O. B. May. 1,997,305; Apr. 9.
- Derivatives of aliphatic hydrocarbons, Hydrogenated. C. W. Croco. 1,994,035; Mar. 12.
- Derivatives of an ortho cyano-aryl amide, Production of. J. F. Thorpe, R. P. Linstead, and J. Thomas. 2,025,791; Dec. 31.
- Derivatives of cellulose and product thereof, Treating. G. W. Seymour. 2,020,338; Nov. 12.
- Derivatives of cellulose, Bleaching. C. Dreyfus and G. Schneider. 1,994,985; Mar. 19.
- Derivatives of phenols, Manufacture of new sulphurized. V. Kartaschoff. 1,989,989; Feb. 5.
- Derivatives of porphins and metalloporphins and their manufacture, Basic. A. Stoll and E. Wiedemann. 2,005,511; June 18.
- Derivatives of pyrene and preparing them, Poly-halogen. H. Vollmann and H. Becker. 2,018,935; Oct. 29.
- Derrick. J. L. de Vou. 2,008,785; July 23.
- Derrick, Tractor. R. G. Le Tourneau. 2,003,599; June 4.
- Descaling and edging machine. K. C. Gardner and F. C. Biggert, Jr. 2,012,849; Aug. 27.
- Desiccating machine. J. F. Dietrich. 2,023,468; Dec. 10.
- Designs, characters, letters, and the like, Producing painted. A. E. Vaughn. 2,013,194; Sept. 3.
- Designs, Method and article for producing. W. Swaysland. 2,021,816; Nov. 19.
- Designs on hosiery, Apparatus and method of printing. E. Mueller and P. Felber. 2,019,156; Oct. 29.
- Designs to fabrics, Applying. R. H. Burgdorfer, F. L. Hendren, and J. A. Leyendecker. 1,987,593; Jan. 15.
- Desk. G. J. Barrett. 2,016,571; Oct. 8.
- Desk. W. C. Lehman. 2,019,455; Oct. 29.
- Desk. H. P. Nordmark and R. K. Merrill. 2,006,603; July 2.
- Desk and chair unit. W. W. Drummey. 2,023,761; Dec. 10.
- Desk and magazine rack. E. W. Dunning. 2,012,660; Aug. 27.
- Desk construction. S. H. Boylan. 2,010,476; Aug. 6.
- Desk pad holder. F. C. Deli. 2,001,774; May 21.
- Desk, Portable adjustable reader's. S. S. Cook. 1,996,191; Apr. 2.
- Desk, Portable automobile. E. M. Pinney. 1,991,029; Feb. 12.
- Desk, Portable reading. V. M. Broun. 2,006,580; July 2.
- Desk, School. J. M. Reed. 1,991,295; Feb. 12.
- Desk top. H. P. Nordmark. 2,013,542; Sept. 3.
- Dispatching system for banks of elevators and the like. H. L. B. Roche. 2,016,615; Oct. 8.
- Detachable connector. M. Holzer. 2,000,757; May 7.
- Detachable gate. F. W. Dennison. 2,005,937; June 25.
- Detachable handle. A. Kirsch. 2,024,294; Dec. 17.
- Detachable handle. A. G. Olson. 2,010,317; Aug. 8.
- Detecting and indicating device. H. A. Wheeler. 2,018,540; Oct. 22.
- Detection, Means for and method of. S. Ballantine. 1,998,859; Apr. 23.
- Detector: See—
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| Bill detector. | Heat detector. |
| Cathode ray tube heterodyne detector. | Leaky can detector. |
| Gas detector. | Overflow detector. |
| | Vibration detector. |
- Detector. J. J. Graf. 2,007,800; July 9.
- Detector. W. A. Harris. 1,986,812; Jan. 8.
- Detector circuit. L. Eyed. 2,022,412; Nov. 26.
- Detector circuit. R. M. Page. 2,019,503; Nov. 5.
- Detector, Flow. A. G. H. Straatman. 2,013,995; Sept. 10.

- Detector for shifting shuttle box looms, Light actuated. R. G. Turner. 2,026,147; Dec. 31.
- Detector or relay, Oscillatory grid-controlled. P. L. Watts and K. B. Eller. 2,018,102; Oct. 22.
- Detector, Pneumatic vibration. J. L. Sauls. 2,013,993; Sept. 10.
- Detent. H. A. Rhinevault. 2,008,367; July 16.
- Detergent. P. Friesenhahn. 1,999,629; Apr. 30.
- Detergent and application thereof. L. H. England. 1,992,692; Feb. 26.
- Detergent composition. C. Dunbar. 2,013,300; Sept. 3.
- Detergent composition and process. P. Friesenhahn. 1,999,632; Apr. 30.
- Detergent compositions. P. Friesenhahn. 1,999,630-1; Apr. 30.
- Detergent dispenser. H. S. Estler. 1,988,000; Jan. 15.
- Detergent, Sodium meta silicate. H. V. Moss and F. D. Snell. 1,989,765; Feb. 5.
- Determining slope of subsurface rock beds. W. G. Green. 2,024,921; Dec. 17.
- Detonating device for use in torpedoing oil wells, Safety. H. M. Greene. 2,020,410; Nov. 12.
- Detonator. H. A. Lewis. 1,991,857; Feb. 19.
- Detonator controlled by searchlight, Photoelectric. J. H. Hammond, Jr. 2,015,670; Oct. 1.
- Device combined with a rangefinder for facilitating the measurement of the ranges of moving objectives. A. Castellani. 2,009,161; July 23.
- Device for controlling at a distance the displacements of certain organs. P. H. Dussumier de Fonbrune. 1,987,733; Jan. 15.
- Device for controlling liquid couplings. G. Bauer and W. Brose. 2,021,842; Dec. 17.
- Device for dispensing gummed tape, Portable. A. C. Hummel. 2,000,287; May 7.
- Device for equalizing fluctuations produced in masses delivered by spinning pumps. H. Dannenberg. 2,020,633; Nov. 12.
- Device for finger nails. E. C. Rohrbach. 2,013,290; Sept. 3.
- Device for holding articles. H. Bihler. 2,017,088; Oct. 15.
- Device for indicating whether a clock is running. B. F. Muldoon. 2,002,905; May 28.
- Device for philatelists' use. D. C. Stiles. 1,987,377; Jan. 8.
- Device for preventing unrolling of rolled sheets. C. M. Di Carlo. 2,014,723; Sept. 17.
- Device for promoting marital accord. J. Street. 2,024,983; Dec. 17.
- Device for removing from a pile of sheets the sheet lowermost at the time. A. Winkler and M. Dünneber. 2,011,464; Aug. 13.
- Device for reproducing sound from film records. D. R. Kautz. 2,014,767; Sept. 17.
- Device for spraying an antifreeze solution onto windshields. J. F. Wiseman. 2,001,338; May 14.
- Device for supporting, driving, and presenting views, images, advertisements and even articles. A. George. 1,988,893; Jan. 22.
- Device for taking up the wear of pieces. G. L. Debaecker. 1,991,795; Feb. 19.
- Device for training and instruction in the firing of small arms. W. Trammell. 2,023,497; Dec. 10.
- Device for use in, or in connection with, machines for sewing-on buttons. V. J. Clarkson. 1,990,267; Feb. 5.
- Device on folding machines. A. Stampfli. 2,020,745; Nov. 12.
- Device utilized in conjunction with sheet printing presses for spraying the printed sheets with liquid paraffin or the like. K. Bergner. 2,015,652; Oct. 1.
- Dewaxing by filtration. E. W. Rembert and B. Van Voorhies. 1,986,762; Jan. 1.
- Dewaxing with nonmiscible refrigerant. B. K. Brown. 2,005,988; June 25.
- Diagnostic analysis. Method of and apparatus for. W. Smith. 2,008,295; July 16.
- Diagnostic instrument. W. A. Arnesen. 1,990,972; Feb. 12.
- Diagnostic instrument. H. H. Brooks. 2,014,879; Sept. 17.
- Diagnostic instrument. E. A. Forshey. 2,014,888; Sept. 17.
- Diagnostic instrument. G. B. Gallasch. 2,004,808; June 11.
- Diagnostic instrument for eye examinations. J. I. Pascal. 2,008,224; July 16.
- Diagnosticum. D. D. Stonecypher. 1,988,634; Jan. 22.
- Dial, Calendar. L. M. Hall. 1,992,865; Feb. 26.
- Dial control for multiple gas coocks. E. E. Hodgkin. W. W. Vodelle and H. Lange. 2,008,911; July 23.
- Dial feed mechanism. J. Peyser. 1,987,209; Jan. 8.
- Dial for registers and the like. P. Knopf. 2,014,531; Sept. 17.
- Dial, Illuminated. C. W. Hoffritz. 1,994,950; Mar. 19.
- Dial indicator. J. G. Sisson. 1,986,540; Jan. 1.
- Dial indicator. J. G. Sisson. 2,013,176; Sept. 3.
- Dial plug gauge. E. H. Aldeborgh and A. H. Emery. 2,024,021; Dec. 10.
- Dial structure. C. C. Woodford. 2,022,632; Nov. 26.
- Dial system. C. T. Norton. 1,994,321; Oct. 12.
- Dial telephone finger wheel. J. A. Petnel. 2,015,694; Oct. 1.
- Dial test indicator. A. F. Plitt. 1,994,833; Mar. 19.
- Dial, Vernier. S. S. Egert. Des. 94,470; Feb. 5.
- Dials of instruments, Apparatus for marking. A. Urfer. 2,001,335; May 14.
- Di-alkyl or alkyl-aralkyl derivatives of resorcinol and making same, Unsymmetrical. W. E. Austin. 2,006,039; June 25.
- Diameter of bores, Device for examining the. D. Helfer. 2,010,301; Aug. 6.
- Diameter, propeller. Variable. V. H. Patriarche. 2,002,712; May 28.
- Diaminodiphenylamine-2-sulphonic acid compounds, Desulphonating. L. M. Lauer. 2,022,889; Dec. 3.
- Diaminostilbene derivatives and their preparation. R. F. Goldstein. 2,009,396; July 30.
- Di-ammonium phosphate from solutions containing ammonium phosphate, Manufacture of. C. J. Hansen. 2,016,816; Oct. 8.
- Diamond. Cut. A. Bayardi. 2,009,390; July 30.
- Diaper. H. E. Dendoff. 2,009,310; July 23.
- Diaper. N. Horowitz. 1,994,135; Mar. 12.
- Diaper. D. B. Kennard. 1,992,074-5; Feb. 19.
- Diaper. D. B. Kennard. 2,017,050; Oct. 15.
- Diaper. W. P. Limacher. 1,989,283; Jan. 29.
- Diaper, Child's. J. G. Bussing and W. A. Peck. 2,019,842; Nov. 5.
- Diaper, Infant's. H. F. Anderson. 2,025,843; Dec. 31.
- Diaper pad. C. L. Fancher. 2,002,368; May 21.
- Diaphragm, Automatic. O. Riszdorfer. 2,013,362; Sept. 3.
- Diaphragm device, Fluid-pressure operated. A. J. Tigges. 2,023,361; Dec. 3.
- Diaphragm for acoustic devices. G. F. Dutton. 1,990,066; Feb. 5.
- Diaphragm for cameras. L. Eckler. 2,015,261; Sept. 24.
- Diaphragm for model passenger cars. C. H. Smith. 1,988,755; Jan. 22.
- Diaphragm, Porous. M. Wilderman. 2,016,162; Oct. 1.
- Diaphragm pump. L. G. Lindsay. 1,992,491; Feb. 26.
- Diaphragm, Seamless. E. Schäfer. 2,013,792; Sept. 10.
- Diaphragm, Sound reproducing. J. B. Hawley. 2,006,830; July 2.
- Diaphragm spider. R. E. Tolerton. 2,019,878; Nov. 5.
- Diaphragm system for microscopic condensers. F. Hauser. 1,988,946; Jan. 22.
- Diaphragm valve. R. E. Newell. 1,988,957; Jan. 22.
- Diaphragm valve. P. K. Saunders. 1,992,043; Feb. 19.
- Diaphragms, Making sound reproducing. J. B. Hawley. 2,017,496; Oct. 15.
- Diarylamine-haloaralines, Making. W. M. Lofton, Jr., and S. G. Burroughs. 1,997,304; Apr. 9.
- Diaryl sulphones, Manufacture of. J. I. Carr. 2,000,061; May 7.
- Diatomaceous earth powders, Blending and air separation of. M. Stockton. 1,986,301; Jan. 1.
- Diatomaceous product and making the same. C. C. Schuetz. 1,992,547; Feb. 26.
- Diazolmino compounds and their production, Water-soluble. M. A. Dahlen. 2,025,095; Dec. 24.
- Diazolmino compounds, Water soluble. M. A. Dahlen. 2,008,750; July 23.
- Diazonium compounds. A. Ossenbeck and E. Tietze. 2,022,923; Dec. 3.
- Diazonium compounds from 4-aminodiarylamines, Preparing. W. Koch. 2,013,180; Sept. 3.
- Diazo preparations and making same. G. Bonhöte. 1,993,433; Mar. 5.
- Diazo types and light sensitive layers therefor, Preparing. M. P. Schmidt, O. Süs, and R. Franke. 1,989,065; Jan. 22.
- Dibenzanthrone compounds, Manufacture of. E. T. Howell. 1,993,667-8; Mar. 5.
- Dibenzothiazylidissulphide from 2-mercaptobenzothiazole, Preparation of. G. Killner. 1,998,240; Apr. 16.
- Dicalcium phosphate and fertilizers containing same, Producing. R. Suchy and E. Reubke. 2,021,527; Nov. 19.
- Dice machine, Coin-controlled. B. D. Smith. 2,007,259; July 9.
- Dicing machine. A. H. Nelson. 1,992,714; Feb. 26.
- Dicing machine. O. J. Steinwand. 1,991,033; Feb. 12.
- Dichlorobutadiene and preparing same. W. H. Carothers and G. J. Berchet. 1,998,442; Apr. 23.
- Dictating machine. T. H. Beard, M. J. Johnson, and J. E. Renholdt. 1,989,783; Feb. 5.
- Dictating machine. L. W. Hawker. 1,996,374; Apr. 2.
- Die. Adjustable perforating die. Perforating die. Blade drawing die. Rope die. Cut-out die. Rotatable die. Cutting die. Rubber die. Drawing die. Thread cutting die. Marking die. Threading die. Ornamenting die. Wire drawing die. Punch ejector die.
- Die. G. W. Lamb. 1,995,888; Mar. 26.
- Die. E. M. Murphy. 2,017,373; Oct. 15.
- Die and making the same. S. Hoffman. 2,009,959; July 30.
- Die and making the same. T. M. Lahr. 2,010,673; Aug. 6.
- Die and its manufacture. P. R. Zinser. 2,016,569; Oct. 8.
- Die and making the same. A. Willink. 2,018,392; Oct. 22.
- Die and stock, Expansive thread cutting. T. L. Dagg. 2,014,312; Sept. 10.
- Die and stripping mechanism therefor, Perforating. L. V. Whistler. 1,986,036; Jan. 1.
- Die casting, Apparatus for. W. M. Lester. 1,989,812; Feb. 5.
- Die casting machine. T. C. Korsmo. 2,000,488; May 7.
- Die casting machine. A. S. Kux. 1,994,824; Mar. 19.

- Die-casting machine. C. Pack. 1,988,506; Jan. 22.
 Die casting machine. C. Roehri. 2,012,548; Aug. 27.
 Die casting machine. W. P. Sherman. 2,011,378; Aug. 13.
 Die-casting machine. H. Theuer. 1,986,544; Jan. 1.
 Die casting, Method and apparatus for. J. R. Daesen and L. E. Wemple. 1,999,961; Apr. 30.
 Die casting, Method of and apparatus for. H. J. Woock and E. A. Glynn. 1,989,438; Jan. 29.
 Die, die holder, and ejector. L. W. Nelson. 2,019,791; Nov. 5.
 Die for and making spirally corrugated tubing. S. Guarnaschelli. 2,023,417; Dec. 10.
 Die for cutting collars or the like. H. C. Underwood. 2,019,749; Nov. 5.
 Die for cutting puzzles and like cut-outs. A. N. Blum. 1,995,959; Mar. 26.
 Die for preparing pipe ends. T. F. Birmingham. 1,996,095; Apr. 2.
 Die for two-roll corrugating machines. J. C. Fisher and E. A. Kiefer. 2,022,082; Nov. 26.
 Die head. O. Hoelzel. 2,026,471; Dec. 31.
 Die head. J. H. Sternbergh. 1,991,636; Feb. 19.
 Die-head, Self-opening. A. F. Breitenstein. 2,022,273; Nov. 26.
 Die-head, Self-opening. C. Haenggi. 2,013,954; Sept. 10.
 Die header, Open. C. T. Brennan. 2,023,042; Dec. 3.
 Die lapping machine. P. J. Helmstadter. 1,990,074; Feb. 5.
 Die or anchor for tack buttons. F. R. White. 2,001,355; May 14.
 Die press. G. A. Delf. 2,018,513; Oct. 22.
 Die rolled article and die rolling method. T. N. Sloan. 1,998,970; Apr. 23.
 Die sinking attachment for horizontal milling machines, Universal. E. L. Wall. 1,997,891; Apr. 16.
 Die sinking machine, Hydraulically controlled automatic. B. Sassen. 2,003,557; June 4.
 Die-sinking machine, Pattern controlled. B. Sassen. 2,024,256; Dec. 17.
 Diestock. F. Judge. 1,992,530; Feb. 26.
 Die stock. R. B. Pealer. 1,999,207; Apr. 30.
 Die stock. W. O. Thewes. 2,004,639; June 11.
 Die to reproduce natural wood grain or the like, Making a. P. R. Zinser. 2,006,380; July 2.
 Die used in making type shuttles for typewriting machines. H. L. Pitman. 2,010,033; Aug. 6.
 Dies, Making. G. R. Meyercord. 2,005,591; June 18.
 Dies, Making. A. F. Reilly. 2,014,698; Sept. 17.
 Dies, Manufacture of casting. W. G. Newton and H. E. Christie. 2,023,645; Dec. 10.
 Dies, Mounting alloy. W. A. Wissler. 2,025,368; Dec. 24.
 Dies, tools, etc., to mounting plates, Securing. B. E. Irmis. 1,995,711; Mar. 26.
 Dielectric composition. F. M. Clark. 1,999,004; Apr. 23.
 Dielectric composition. F. M. Clark. 2,019,338; Oct. 29.
 Dielectric composition. J. E. Moose and J. E. Malowan. 2,010,495; Aug. 6.
 Dielectric material and method of making. R. H. Hobrock. 2,020,468; Nov. 12.
 Dielectric materials for high potential work, Manufacturing thin. A. Meissner. 1,997,263; Apr. 9.
 Dielectric properties of a nonconductive medium, Method of and apparatus for maintaining. E. Mendenhall and J. B. Van Horn. 1,989,104; Jan. 29.
 Diesel engine. F. Lang. 2,004,631; June 11.
 Diesel engine. W. Lehmann. 2,000,903; May 14.
 Diesel engine. R. E. White. 2,000,267; May 7.
 Differential and spring mounting. O. F. Lundelius and M. N. Lefter. 2,025,669; Dec. 24.
 Differential condenser. B. van der Pol and R. Veldhuyzen. 2,000,678; May 7.
 Differential connection for meters, Pressure. M. M. Borden and A. W. Sweeten. 1,999,080; Apr. 23.
 Differential control device. W. G. Hillen and F. W. Bailey. 2,021,727; Nov. 19.
 Differential dual wheel. W. C. Lichty. 1,994,719; Mar. 19.
 Differential froth flotation. F. A. Brinker. 2,007,176; July 9.
 Differential gearing and power transmission. P. S. Morgan. 2,022,141; Nov. 26.
 Differential load brake. M. H. Loughridge. 2,010,027; Aug. 6.
 Differential motor. L. N. Miller. 2,005,000; June 18.
 Differential, Overrunning gearless. O. E. Szekely. 2,019,367; Oct. 29.
 Differential registering gear. F. F. Kaiser. 2,015,036; Sept. 17.
 Differential resistance valve. E. Wiedmann. 1,994,974; Mar. 19.
 Differential, Self-locking. L. Du Pras. 2,000,223; May 7.
 Differential, Self-locking. P. Whitcomb. 1,988,183; Jan. 15.
 Differential stop mechanism for check writers. O. Slettevold. 2,016,345; Oct. 8.
 Diffraction patterns, Method and apparatus for producing. T. M. Hahn. 1,993,053; Mar. 5.
 Diffuser gap and fuse for transformer protection, Combined. C. W. Diehl. 1,988,683; Jan. 22.
 Diffusion. J. Bergé. 2,004,184; June 11.
 Diffusion, Apparatus for. J. Berge. 2,012,298; Aug. 27.
 Digesting apparatus. J. J. de la Roza. 2,011,799; Aug. 20.
 Digger, Power driven potato. L. E. Smith. 1,988,254; Jan. 15.
 Digging tooth. L. W. Van Buskirk. 2,005,016; June 18.
 Diketene, Preparation of. G. H. Law. 2,019,983; Nov. 5.
 Dimension gauge. E. H. Aldeborgh. 2,024,020; Dec. 10.
 Dimethylol urea, Production of. M. Schmihing. 1,989,628; Jan. 29.
 Di-methylpyrazolonyl-diphenyl, Producing. I. I. Ostromislensky. 2,011,256; Aug. 13.
 Dinger. C. Boehnke. 2,004,459; June 11.
 Diolefines from hydrocarbon mixtures, Separations of. G. A. Perkins. 1,993,681; Mar. 5.
 Diolefines, Polymerization of. G. Ebert, F. A. Fries, and P. Garbsch. 2,008,491; July 16.
 Dioxazine compounds and making same. G. Kalischer and W. Zerweck. 2,024,525; Dec. 17.
 Diphenyl, Halogenation of. C. R. McCullough. 2,019,915; Oct. 29.
 Diphenyl derivatives, Preparing. R. L. Sibley. 1,994,927; Mar. 19.
 Diphenylmethane derivatives, Preparing. B. Bienert and R. Held. 2,018,775; Oct. 29.
 Diphenylmethanes, Production of. J. A. Arvin. 1,986,423; Jan. 1.
 Diphenyl oxide, Halogenated. E. C. Britton, W. C. Stoesser, and G. G. Goergen. 2,022,634; Nov. 26.
 Dipper construction, Excavating. W. H. Brune. 2,003,067; May 28.
 Dipper door control. P. Burke. 2,016,032; Oct. 1.
 Dipper, Excavating. W. M. Bager. 2,018,628; Oct. 22.
 Dipper, Excavating. P. Burke. 2,025,090; Dec. 24.
 Dipper tooth and front for excavating dippers. T. C. Whisler. 1,992,591; Feb. 26.
 Dipper tooth assembly. D. H. Young. 2,007,991; July 16.
 Dipping and measuring device for liquids. E. W. Kronbach. 1,996,207; Apr. 2.
 Dipping rack. C. Bender. 1,988,681; Jan. 22.
 Direct connected implement. T. M. Thomas. 2,015,823; Oct. 1.
 Direct current generator. J. V. Caputo. 2,018,647; Oct. 22.
 Direction and distance measurement. E. W. Smith. 2,010,968; Aug. 13.
 Direction finder. H. I. Becker. 1,991,443; Feb. 19.
 Direction finder. A. Leib. 2,017,909; Oct. 22.
 Direction finder. L. A. Taylor. 1,991,473; Feb. 19.
 Direction finder. L. A. Taylor. 1,991,475; Feb. 19.
 Direction finder. C. W. Wiegand. 1,986,170; Jan. 1.
 Direction finder balancer. B. L. Dolbear. 2,026,123; Dec. 31.
 Direction finding apparatus. A. Leib. 2,017,908; Oct. 22.
 Direction finding system. J. W. Greig. 1,988,006; Jan. 15.
 Direction finding system. A. A. Linsell. 2,007,654; July 9.
 Direction finding system. H. P. Thomas. 1,991,476; Feb. 19.
 Direction indicator. J. I. Anderson. 1,991,483; Feb. 19.
 Direction indicator. R. S. Miller. 2,004,007; June 4.
 Direction indicator. J. L. Trotter and V. Hall. 2,004,557; June 11.
 Direction indicator. G. F. Webb. 1,994,737; Mar. 19.
 Direction indicator for vehicles. W. C. Sullender. 2,010,741; Aug. 6.
 Direction measuring device. A. S. Aegerter. 2,022,452; Nov. 26.
 Direction responsive system. H. P. Thomas. 2,016,977; Oct. 8.
 Direction signal. S. McC. Terwilliger and W. T. Severen. 2,002,022; May 21.
 Direction signal. J. A. Spina. 2,019,366; Oct. 29.
 Direction signal. H. N. Thomas. 2,024,077; Dec. 10.
 Direction signal. J. F. Waldman. 2,008,051; July 16.
 Direction signal system. I. W. Brogger. 1,993,540; Mar. 5.
 Direction signal light. R. E. McGee. 2,021,319; Nov. 19.
 Directional aerial system. N. Wells. 2,002,197; May 21.
 Directional apparatus. W. Moser. 2,005,798; June 25.
 Directional indicator for aircraft, Gyroscopically controlled. J. S. Bennett. 1,996,895; Apr. 9.
 Directional receiver. W. Kühlewind. 2,003,372; June 4.
 Directional relay element. R. J. Wensley. 2,013,815; Sept. 10.
 Directive receiver. G. W. Pickard. 2,026,359; Dec. 31.
 Directory. G. J. Chapman. 1,988,162; Jan. 15.
 Directory board and the like. J. A. Weber. 2,019,107; Oct. 29.
 Dirt guard for track type tractors. M. T. Koop. 1,992,702; Feb. 26.
 Disappearing handle. L. Stein. 2,011,880; Aug. 20.
 Discharge and water control for concrete pavers, Automatic. G. E. Blood. 2,004,234; June 11.
 Discharge device. C. B. Los. 1,992,493; Feb. 26.
 Discharge device. N. H. Stewart. 2,006,563; July 2.
 Discharge device for use with conveyers. G. T. Smith. 2,013,292; Sept. 3.
 Discharge device protection. A. Edler and W. Brockmann. 2,015,551; Sept. 24.
 Discharge device stabilizer system. M. Morrison. 1,999,736; Apr. 30.
 Discharge effects, Production of. G. H. Ellis and J. Allan. 2,017,120; Oct. 15.
 Discharge gap. F. T. Chesnut. 2,006,731; July 2.
 Discharge lamp, Diffused. C. H. Braselton. 2,007,925; July 9.
 Discharge lamp, Uniform. R. Harding, Jr. 2,007,928; July 9.

- Discharge means for ball or red mills and the like. C. G. H. Löwenhielm. 2,023,331; Dec. 3.
- Discharge mechanism for concrete mixers. C. F. Ball. 2,006,728; July 2.
- Discharge tube. D. V. Edwards and E. K. Smith. 1,987,998; Jan. 15.
- Discharge tube. P. Kapteyn. 2,021,102; Nov. 12.
- Discharge tube. W. Schottky. 2,004,175; June 11.
- Discharge tube. G. Schubert. 1,993,563; Mar. 5.
- Discharge tube. C. J. R. H. von Wedel. 2,011,922; Aug. 20.
- Discharge tube, Electric gas filled. H. Rinia and H. J. M. van Embden. 2,003,468; June 4.
- Discharge tube filter. W. L. Dunn. 2,011,442; Aug. 13.
- Discharge tube system, Luminous. M. Pennybacker. 1,988,459; Jan. 22.
- Discharge valve, Piston type. C. A. Dunham. 1,986,429; Jan. 1.
- Discharger. R. C. Coupland. 1,997,574; Apr. 16.
- Discharger for projectiles. R. C. Coupland. 1,987,794; Jan. 8.
- Discharging device. O. E. Peters. 2,020,798; Nov. 12.
- Discharging mechanism, Automatic. F. K. Scheffe. 2,024,949; Dec. 17.
- Discharging mechanism for fertilizer drills. G. M. Kriegbaum and D. M. Morris. 2,015,563; Sept. 24.
- Discharging paste, viscous, or liquid substances, Device for. C. E. Luce. 2,012,396; Aug. 27.
- Disconnect system, Automatic. J. Meszar. 2,023,606; Dec. 10.
- Disconnecting holder. L. C. Doane. 2,015,715; Oct. 1.
- Disconnecting switch. W. A. Hillebrand. 1,988,120; Jan. 15.
- Dish. G. S. Stanley. 2,004,449; June 11.
- Dish and handle therefor. Servino. B. R. Brown. 1,993,590; Mar. 5.
- Dish and method and apparatus of forming. Paper. R. E. Rutledge. 2,014,297; Sept. 10.
- Dish or pan lifter. H. De L. Kneeland. 2,002,149; May 21.
- Dish rack. F. W. Ball. 1,989,841; Feb. 5.
- Dish rack. C. C. Parker. 2,010,734; Aug. 6.
- Dish, Soap. G. Swift. 2,026,288; Dec. 31.
- Dishwasher. R. E. Marbury. 2,003,003; May 28.
- Dishwashing apparatus. F. C. Bargar. 1,997,849; Apr. 16.
- Dishwashing apparatus. W. L. Merrill. 1,995,318; Mar. 26.
- Dish washing machine. G. Anderson. 2,012,178; Aug. 20.
- Dishwashing machine. R. Burkle. 1,997,449; Apr. 9.
- Dishwashing machine. J. E. Elkington. 1,993,154; Mar. 5.
- Dishwashing machine. M. J. Kehoe. 2,001,328; May 14.
- Dishwashing machine. G. E. Kingsley and H. J. Loan. 2,014,084; Sept. 10.
- Dishwashing machine. J. B. Kirby. 1,995,927; Mar. 26.
- Dishwashing machine. H. E. Marsh, Jr. 2,021,962; Nov. 26.
- Dishwashing machine. H. P. Messlor. 2,016,115; Oct. 1.
- Dish-washing machine. M. C. Rogers. 1,999,946; Apr. 30.
- Dishwashing machine. C. M. Snyder. 2,022,220; Nov. 26.
- Dishwashing machine. S. J. Steensen. 2,023,709; Dec. 10.
- Dishwashing machine. E. S. Stoddard. 2,002,300; May 21.
- Dishwashing machine. G. Webb. 2,017,677; Oct. 15.
- Disinfectant for seeds. V. Migrdichian. 1,998,092; Apr. 16.
- Disinfectant heater, Automatically controlled. H. W. Jockers. 1,995,886; Mar. 26.
- Disinfectant, Seed. F. Wolff. 2,021,277; Nov. 19.
- Disinfecting and insecticidal agent. R. L. Sibley. 2,010,443; Aug. 6.
- Disinfecting and preserving agent. G. Meder and E. Egert. 2,022,139; Nov. 26.
- Disintegrating machine. G. W. Behnke. 2,012,155; Aug. 20.
- Disintegrator. W. A. Huelsonck. 1,987,192; Jan. 8.
- Disk bit. J. H. Howard and A. C. Catland. 1,995,389; Mar. 26.
- Disk brake. H. D. Newhart. 2,016,752; Oct. 8.
- Disk brake. A. W. Woodward. 2,014,348; Sept. 10.
- Disk for phonographic recording. H. Kubo. 2,012,134; Aug. 20.
- Disk, Grinding. C. Krug. 2,004,630; June 11.
- Disk grinding machine. F. M. Hamgrave. 2,014,327; Sept. 10.
- Disk grinding machine. G. C. and T. R. Leach. 1,998,783; Apr. 23.
- Disk harrow. E. Mowry. 2,002,272; May 21.
- Disk harrow. H. B. Rapp and R. E. Abbott. 2,007,062; July 2.
- Disk harrow, Offset. W. E. Goble. 2,006,547; July 2.
- Disk harrow, Tandem. C. H. Gemberling. 1,998,501; Apr. 23.
- Disk jointer, Self-aligning. A. H. Glaves. 2,003,831; June 4.
- Disk, Locking. H. Benzing. 2,026,454; Dec. 31.
- Disk-plow pulverizer. Combination rotary. S. O. Burg. 2,024,623; Dec. 17.
- Disk rheostat, Interposed. N. C. Schellenger. 2,023,382; Dec. 3.
- Disk, Road. J. A. Vaughn, R. H. Mitchell, and O. W. Sjogren. 2,025,257; Dec. 24.
- Disk tumbler lock. M. Falk. 1,990,933; Feb. 12.
- Disks, Apparatus for cutting. C. Brown. 1,988,538; Jan. 22.
- Disks for centrifugal separator bowls, Making. T. H. Miller. 2,012,589; Aug. 27.
- Disks, Manufacturing radially corrugated. J. A. Spencer. 2,001,533; May 14.
- Disodium phosphate, Producing. C. F. Booth. 2,017,828; Oct. 15.
- Disodium phosphate, Production of. F. M. Anable and G. Klein. 1,998,182; Apr. 16.
- Dispatcher's control board system. T. U. White. 2,010,339; Aug. 6.
- Dispatching system. H. E. Hershey and A. H. Belliveau. 2,008,910; July 23.
- Dispenser. See—
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| Abrasive cleaner dispenser. | Portable beer dispenser. |
| Batter dispenser. | Powder dispenser. |
| Beverage dispenser. | Salt dispenser. |
| Cigarette dispenser. | Shell dispenser. |
| Coffee dispenser. | Soap dispenser. |
| Detergent dispenser. | Soap lather dispenser. |
| Fluid dispenser. | Sugar and the like dispenser. |
| Grease dispenser. | Sugar dispenser. |
| Hot drink dispenser. | Toothpick dispenser. |
| Inhalant dispenser. | Tooth powder dispenser. |
| Liquid dispenser. | Towel dispenser. |
| Measuring dispenser. | Tube dispenser. |
| Metered grease dispenser. | Tube paste dispenser. |
| Nonclogging dispenser. | Twine dispenser. |
| Paste dispenser. | |
| Plastic material dispenser. | |
- Dispenser. C. Barbieri. 2,000,008; May 7.
- Dispenser. R. W. Cole. 1,986,250; Jan. 1.
- Dispenser. E. Conti. 2,004,520; June 11.
- Dispenser. E. A. Field. 2,005,029; June 18.
- Dispenser. B. F. Mannen. 1,988,207; Jan. 15.
- Dispenser. F. K. Morlok. 2,009,743; July 50.
- Dispenser. F. E. Rice. 2,017,133; Oct. 15.
- Dispenser. F. T. Tanner. 2,012,168; Aug. 20.
- Dispenser. O. N. Wiswell. 2,013,328; Sept. 3.
- Dispenser for beverages. O. J. Leins. 2,017,664; Oct. 15.
- Dispenser for catchup and the like. O. Karcher. 2,024,005; Dec. 10.
- Dispenser for perfume and the like. M. Fischman. 2,024,570; Dec. 17.
- Dispenser for powdered coffee. L. B. Green. 1,996,044; Mar. 26.
- Dispenser for roller materials. L. C. Spaldo. 2,000,867; May 7.
- Dispensing and game playing machine. C. R. Dumble. 2,003,349; June 4.
- Dispensing and measuring apparatus, Multiple. B. Papadopoulos. 2,012,107; Aug. 20.
- Dispensing apparatus. E. E. Eickmeyer and G. W. Eichhoff. 1,998,311; Apr. 16.
- Dispensing apparatus. M. J. Horkavi. 1,988,122; Jan. 15.
- Dispensing apparatus. P. H. Horwitt. 1,993,885; Mar. 12.
- Dispensing apparatus. O. Janssen. 1,996,156; Apr. 2.
- Dispensing apparatus. I. Jeppsson. 2,006,214; June 25.
- Dispensing apparatus. P. S. Morgan. 1,992,500; Feb. 26.
- Dispensing apparatus. J. C. Notar and W. C. Tegtmeyer. 2,023,373; Dec. 3.
- Dispensing apparatus. C. R. Taylor. 2,019,202; Oct. 29.
- Dispensing apparatus. C. F. Waite. 2,018,693; Oct. 29.
- Dispensing apparatus for sparkling beverages. R. J. Andrieu. 2,010,974; Aug. 13.
- Dispensing attachment for cans. S. M. Abbott. 2,001,481; May 14.
- Dispensing attachment for containers. L. Rothchild and R. T. Anderson. 2,004,295; June 11.
- Dispensing box. N. Marcalus. 1,991,812; Feb. 19.
- Dispensing container. C. S. Andrews. 2,015,653; Oct. 1.
- Dispensing container. C. S. Andrews. 2,017,176; Oct. 15.
- Dispensing container. E. B. Aughney. 2,024,418; Dec. 17.
- Dispensing container. M. A. Caruso, R. Lally, and J. V. Roller. 1,998,862; Apr. 23.
- Dispensing container. S. A. de Waltoff and C. G. Willard. 2,019,660; Nov. 5.
- Dispensing container. R. F. Fisher. 2,022,031; Nov. 26.
- Dispensing container. G. T. Garfein. 2,019,406; Oct. 29.
- Dispensing container. A. L. Grammar and H. C. Cole. 2,018,552; Oct. 22.
- Dispensing container. G. S. Gruber. 2,017,406; Oct. 15.
- Dispensing container. F. W. Nitardy. 1,988,134; Jan. 15.
- Dispensing container. V. Pantalone. 2,017,405; Oct. 15.
- Dispensing container. R. L. Peck. 2,023,542; Dec. 10.
- Dispensing container. W. F. Punte. 2,020,210; Nov. 5.
- Dispensing device. T. Bailey. 2,014,158; Sept. 10.
- Dispensing device. M. B. Bantly. 1,995,411; Mar. 26.
- Dispensing device. E. G. Beach. 2,024,023; Dec. 10.
- Dispensing device. G. R. Beez. 2,008,381; July 16.
- Dispensing device. H. E. Brandt and J. G. Guttman. 2,026,210; Dec. 31.
- Dispensing device. M. Calderara. 2,009,701; July 30.
- Dispensing device. J. L. Campbell. 1,988,865; Jan. 22.
- Dispensing device. G. Eismann and J. Ellert. 1,990,226; Feb. 5.
- Dispensing device. H. Honkes. 1,990,325; Feb. 5.
- Dispensing device. E. H. Howard. 2,016,200; Oct. 1.
- Dispensing device. W. W. Kelly. 2,005,501; June 18.
- Dispensing device. B. P. Kinney. 2,002,635; May 28.
- Dispensing device. A. Leavitt. 1,989,322; Jan. 29.
- Dispensing device. F. E. Lenz. 1,987,068; Jan. 8.

- Dispensing device. E. C. Lewis. 1,987,689; Jan. 15.
 Dispensing device. A. G. Nordmarken. 2,025,821; Dec. 31.
 Dispensing device. J. Schaub. 2,000,864; May 7.
 Dispensing device. W. H. Scott. 2,004,015; June 4.
 Dispensing device. W. R. Smith and F. H. Lull. 1,989,713; Feb. 5.
 Dispensing device. J. Stremel. 2,002,592; May 28.
 Dispensing device. A. Taurman. 1,997,837; Apr. 16.
 Dispensing device. E. W. Vahle. 2,021,246; Nov. 19.
 Dispensing device. A. N. Winter. 2,023,499; Dec. 10.
 Dispensing device. K. N. Yoder. 1,998,481; Apr. 23.
 Dispensing device for collapsible tubes. F. M. Becker. 2,015,353; Sept. 24.
 Dispensing device for mustard and the like. W. A. Schoppe. 1,995,627; Mar. 26.
 Dispensing device, Portable. C. A. Knuutila. 2,026,234; Dec. 31.
 Dispensing device, Portable. D. H. Watkins. 2,011,884; Aug. 20.
 Dispensing holder. P. C. P. Booty. 2,026,266; Dec. 31.
 Dispensing machine. A. Lovingood. 2,005,918; June 25.
 Dispensing machine. D. L. Smith. 1,987,914; Jan. 15.
 Dispensing machine valve. C. Schmutzer. 1,988,142; Jan. 15.
 Dispensing mechanism. L. V. Aronson. 2,006,982; July 2.
 Dispensing receptacle. B. G. Klein. 2,008,454; July 16.
 Dispensing receptacle. F. J. Venning and C. O. Kendall. 2,019,943; Nov. 5.
 Dispensing system for volatile liquids. H. N. Wade. 1,989,030; Jan. 22.
 Dispensing system, Self-carbonating. C. A. Geddes. 2,006,313; June 25.
 Dispensing systems, Cleaning. S. Petricone. 2,023,854; Dec. 10.
 Dispensing tap valve. A. L. Maggenti. 1,992,319; Feb. 26.
 Dispensing tube. C. M. Davenport. 2,013,376; Sept. 3.
 Dispensing unit. A. R. Weissfog. 2,005,762; June 25.
 Dispensing valve. C. A. Fausel. 2,004,161; June 11.
 Dispensing valve. A. L. Maggenti. 1,998,586; Apr. 23.
 Dispersion and making same. H. L. Levin. 1,997,868; Apr. 16.
 Dispersion, Method of. L. A. Chambers and N. Gaines. 1,992,938; Mar. 5.
 Dispersion products, Manufacture of. E. Tassel. 2,006,934; July 2.
 Dispersions, Production of. W. S. Calcott and I. Williams. 2,021,143; Nov. 19.
 Dispersions, Production of. T. Ockman, G. Reeves, E. Stanley, H. C. Olpin, and G. H. Ellis. 2,007,382; July 9.
 Dispersions, Production of. E. Stanley, H. C. Olpin, and G. H. Ellis. 2,007,386; July 9.
 Displacement and acceleration apparatus. P. E. Klopsteg. 2,024,230; Dec. 17.
 Display. E. U. Knight. 1,991,104; Feb. 12.
 Display and serving stand. A. W. Charbonneau. 1,986,500; Jan. 1.
 Display and stock rack. J. A. Michaud. 1,993,451; Mar. 5.
 Display apparatus. F. G. Carey. 1,992,000; Feb. 19.
 Display apparatus. E. M. Carrm. 1,998,490; Apr. 23.
 Display apparatus. H. E. Jacka. 2,020,609; Nov. 12.
 Display apparatus. W. F. Moore. 2,019,501; Nov. 5.
 Display apparatus. J. E. Thompson. 2,025,790; Dec. 31.
 Display apparatus. I. T. Wood. 2,013,395; Sept. 3.
 Display apparatus to weighing mechanism. H. C. Turner and H. R. Stacks. 2,001,372; May 14.
 Display article and producing the same. H. Ferrill. 2,002,734; May 28.
 Display board. H. H. Krueger. 1,998,243; Apr. 16.
 Display box. C. S. Andrews. 2,006,822; July 2.
 Display box. J. K. Darragh. 1,996,232; Apr. 2.
 Display box. B. J. Davidson. 2,006,445; July 2.
 Display box. S. Derman. 2,018,623; Oct. 22.
 Display box. J. V. A. Hasbrook. 1,992,069; Feb. 19.
 Display box. A. E. Keppler. 1,996,965; Apr. 9.
 Display box. E. G. Levkoff. 1,988,280; Jan. 15.
 Display box. H. P. McGovern. 1,998,881; Apr. 23.
 Display box. J. Shiffman and H. Gross. 1,989,159; Jan. 29.
 Display box. L. M. Sutter. 2,002,618; May 28.
 Display bracket. J. Lowe, Jr. 2,008,792; July 23.
 Display card, Neckwear. O. Markowitz. 2,013,570; Sept. 3.
 Display case. C. D. Beddingfield. 1,990,398; Feb. 5.
 Display case. C. D. Beddingfield. 2,014,516; Sept. 17.
 Display case. H. F. Beers and J. W. Shrope. 2,023,260; Dec. 3.
 Display case. H. F. Fink. 2,021,233; Nov. 19.
 Display case. E. S. Irelan and R. J. Krabbe. 2,001,820; May 21.
 Display case. W. Templin. 1,997,241; Apr. 9.
 Display case. G. H. Weller. 2,000,681; May 7.
 Display case, Refrigerating. J. E. Marsh, Jr. 2,009,142; July 23.
 Display container. C. S. Andrews. 1,996,560; Apr. 2.
 Display container. S. Bergstein. 2,024,907; Dec. 17.
 Display container. N. Rippen. 2,019,995; Nov. 5.
 Display container. H. L. Trimble. 2,005,278; June 18.
 Display container, Knockdown tilting. H. Rossi. 1,993,383; Mar. 5.
 Display cover. J. I. Russakov. 1,990,755; Feb. 12.
 Display device. E. H. Bean. 1,991,044; Feb. 12.
 Display device. L. L. Berkowitz. 1,989,540; Jan. 29.
 Display device. J. T. Brubaker. 1,990,894; Feb. 12.
 Display device. St. C. Eastman. 2,010,013; Aug. 6.
 Display device. A. D. Eitzen. 2,015,665; Oct. 1.
 Display device. S. C. Gill and S. Dallaway. 1,988,311; Jan. 15.
 Display device. S. C. Gill and S. Dallaway. 1,993,836; Mar. 12.
 Display device. M. M. Goldberg. 1,994,513; Mar. 19.
 Display device. H. B. Hyams. 1,991,216; Feb. 12.
 Display device. J. J. Jacobson. 2,014,436; Sept. 17.
 Display device. S. Kohn. 1,989,869; Feb. 5.
 Display device. N. J. Leigh. 2,025,818; Dec. 31.
 Display device. H. Levine. 2,021,070; Nov. 12.
 Display device. H. L. Myers. 2,025,522; Dec. 24.
 Display device. W. W. Naramore. 2,013,286; Sept. 3.
 Display device. L. P. Neal. 2,025,356; Dec. 24.
 Display device. R. E. Paige. 1,997,429; Apr. 9.
 Display device. R. E. Paige. 2,001,499; May 14.
 Display device. R. E. Paige. 2,021,018; Nov. 12.
 Display device. H. E. Plisker and M. M. Einson. 1,987,418; Jan. 8.
 Display device. E. J. Rauch. 1,988,917; Jan. 22.
 Display device. J. C. Redington. 1,990,671; Feb. 12.
 Display device. L. H. Schreiber. 2,001,798; May 21.
 Display device. E. Schwartz. 2,023,104; Dec. 3.
 Display device. R. Steeneck. 1,992,401; Feb. 26.
 Display device. B. F. Stenz and A. D. Eitzen. 1,994,543; Mar. 19.
 Display device. J. J. Wasser. 1,999,011; Apr. 23.
 Display device. G. Wolkenbauer. 2,026,201; Dec. 31.
 Display device, Animated. J. G. Ruckelshaus. 2,018,577; Oct. 22.
 Display device, Changeable. E. M. Kling. 2,012,469; Aug. 27.
 Display device for demonstrating lubricating oils. G. S. Cavanaugh. 1,990,063; Feb. 5.
 Display dispensing device. H. V. Marsh. 1,999,021; Apr. 23.
 Display fixture. W. Ayres. 2,010,839; Aug. 13.
 Display fixture. F. S. Dampman. 1,991,596; Feb. 19.
 Display fixture. S. J. Stats. 2,021,207; Nov. 19.
 Display fixture. L. J. Wells. 2,010,045; Aug. 6.
 Display fixture for suckers and other merchandise, Merchandising. E. W. Stein. 2,000,359; May 7.
 Display holder. T. Mertz. 2,018,861; Oct. 29.
 Display machine. A. E. Owen. 2,021,963; Nov. 26.
 Display means, Three dimensional. M. I. Williamson. 2,016,129; Oct. 1.
 Display or sign apparatus, Animated. J. T. Mullen. 2,014,660; Sept. 17.
 Display package. C. D. Reed. 1,996,172; Apr. 2.
 Display packing case. M. J. Tarbay. 2,010,118; Aug. 6.
 Display rack. J. E. Bales. 2,012,983; Sept. 3.
 Display rack. L. H. Best. 2,023,866; Dec. 10.
 Display rack. R. A. Froehlig. 1,987,439; Jan. 8.
 Display rack. R. D. Kennedy. 2,008,215; July 16.
 Display rack. L. J. Kohlhoff. 2,006,680; July 2.
 Display rack. W. L. McLean. 2,021,320; Nov. 19.
 Display rack. J. Mentges. 2,009,741; July 30.
 Display rack. T. Nickel. 1,999,968; Apr. 30.
 Display rack. R. A. Reidenbaugh. 2,002,128; May 21.
 Display rack, Folding. J. P. Spang. 1,986,078; Jan. 1.
 Display receptacle. C. E. Fussner. 2,017,962; Oct. 22.
 Display sign. W. B. F. Hall. 2,005,420; June 18.
 Display sign. L. J. Huggett. 2,001,424; May 14.
 Display sign. J. Scott. 2,005,757; June 25.
 Display rack. H. O. Tompkins. 2,019,371; Oct. 29.
 Display sign. B. Treshansky and M. Treshansky. 2,020,087; Nov. 5.
 Display stand. A. Y. Dodge. 2,009,485; July 30.
 Display stand. H. C. Donalies and H. Becher. 2,023,804; Dec. 10.
 Display stand. L. J. Kahn and R. W. Schwab. 1,991,156; Feb. 12.
 Display stand. O. E. Karnes. 2,008,180; July 16.
 Display stand. E. Mackasek. 1,991,463; Feb. 19.
 Display stand. H. V. Marsh. 1,988,695; Jan. 22.
 Display stand. S. W. McKee. 1,997,829; Apr. 16.
 Display stand. S. W. McKee. 2,019,826; Nov. 5.
 Display stand. F. W. Thom. 2,024,550; Dec. 17.
 Displaying device. J. A. Baldwin. 2,019,384; Oct. 29.
 Displays for the inner surface of transparent panes, Producing. W. E. Ansell, Jr. 2,020,717; Nov. 12.
 Distance and depth finding. E. E. Turner, Jr. 2,009,459; July 30.
 Distance indicating device. A. F. Jackson. 2,022,315; Nov. 26.
 Distance controlled indicator system. R. A. Heising. 2,009,693; July 30.
 Distance finder. C. W. Keuffel and B. J. Campbell. 1,993,009; Mar. 5.
 Distance finding system. F. Eicke. 1,999,232; Apr. 30.
 Distance, Measuring. R. W. Hart. 1,993,326; Mar. 5.
 Distances and depths, Method and apparatus for measuring. R. L. Williams. 2,015,702; Oct. 1.
 Distillates from unrefined hydrocarbon oils and products obtained thereby, Obtaining valuable refined. E. B. Peck. 2,006,177; June 25.
 Distillates, Refining pressure. E. F. Engelke. 1,986,565; Jan. 1.
 Distillation. W. H. Bahlke and T. E. Stockdale. 1,997,675; Apr. 16.
 Distillation apparatus. W. Sieck, Jr. 1,986,165; Jan. 1.

- Distillation, Fractional. D. J. Bergman. 2,011,030; Aug. 13.
- Distillation, Method and apparatus for. J. Perl. 2,003,306; June 4.
- Distillation of acid treated oils. B. Mead. 2,025,766; Dec. 31.
- Distillation process and apparatus. H. I. Lea. 1,990,831; Feb. 12.
- Distillation process, Continuous pressure. O. C. Brewster, M. G. Paulus, and A. E. Thompson. 1,900,687; May 7.
- Distillation system. J. D. Kreis. 2,020,948; Nov. 12.
- Distillation unit. C. D. Gard. 1,988,004; Jan. 15.
- Distilling and condensing apparatus. F. J. Allen. 2,018,049; Oct. 22.
- Distilling and fractionating apparatus. W. A. McMillan. 2,005,323; June 18.
- Distilling apparatus for coal. H. S. Reed and R. D. Lamie. 2,009,122; July 23.
- Distributing apparatus for contact masses. T. B. Prickett and E. J. Houdry. 1,987,636; Jan. 15.
- Distributing mechanism for pressure concrete transportation systems. C. I. Longenecker. 2,025,689; Dec. 24.
- Distributing valve. M. F. Guteruth. 1,995,885; Mar. 26.
- Distribution apparatus. W. H. Schramm. 2,020,913; Nov. 12.
- Distribution system. E. F. W. Alexanderson. 1,993,581; Mar. 5.
- Distribution system. J. Brown. 1,986,182; Jan. 1.
- Distribution system for shoe factories. M. O. Frost and P. Mattler. 2,013,141; Sept. 3.
- Distribution system for shoe factories or the like. P. Mattler. 2,012,397; Aug. 27.
- Distribution system for shoe factories. M. O. Frost and Distribution, System of. J. S. Parsons. 2,023,096; Dec. 3.
- Distributor. W. C. Browns. 2,025,641; Dec. 24.
- Distributor. H. Ford. 2,020,405; Nov. 12.
- Distributor for goods, Table automatic. I. Benkö. 2,019,593; Nov. 5.
- Distributor for artificial manure, corn, seed, and the like. E. V. Twose. 2,025,184; Dec. 24.
- Distributor for asphalt and like liquids. G. M. Etnyre. 2,011,894; Aug. 20.
- Distributor for powdered substances. D. W. and H. A. Acer. 1,989,222; Jan. 29.
- Distributor head for pneumatic conveyers. T. Noble. 2,019,926; Nov. 5.
- Distributor head for stokers. A. M. Hunt. 1,999,993; Apr. 30.
- Distributor head for stokers. W. C. Peyton. 2,015,494; Sept. 24.
- Disturbance eliminator for radioreceivers. W. W. Wallace. 1,994,628; Mar. 19.
- Disulphides, Preparation of organic. A. M. Clifford. 2,024,567; Dec. 17.
- Disulphides, Preparing organic. H. G. M. Fischer. 2,001,715; May 21.
- Ditch check. O. L. Hall. 1,999,453; Apr. 30.
- Diterpene-alcohol, Primary. L. Ruzicka. 1,999,110; Apr. 23.
- Dithiazyl disulphides, Preparing. A. J. Gracia. 2,024,575; Dec. 17.
- Dithiocarbamates, Manufacture of. W. Rittmeister. 2,022,979; Dec. 3.
- Divider for files. B. G. Rand. 2,007,547; July 9.
- Divider for flour mills. W. J. Montgomery, D. Austin, and C. D. Hopson. 2,025,397; Dec. 24.
- Diving device. H. Dahlberg and H. W. Jeffers. 2,024,028; Dec. 10.
- Doctor. S. E. Akre. 2,007,418; July 9.
- Doctor blade structure. F. Schwartz. 1,993,352; Mar. 5.
- Doctor solutions, Preparation of. B. F. Dooley, Jr. 2,022,558; Nov. 26.
- Documents or the like, Device for punching and reinforcing. F. Lorenz. 2,008,509; July 16.
- Document protector. A. J. Rothman. 2,017,921; Oct. 22.
- P. Mattler. 2,017,148; Oct. 15.
- Doffing apparatus. R. H. Carter. 1,994,943; Mar. 19.
- Dog catcher. G. E. Lowe. 1,988,599; Jan. 22.
- Doll. A. M. Katz. 2,005,088; June 18.
- Doll. M. Wittmann. 2,007,784; July 9.
- Doll. M. Wittmann. 2,012,060; Aug. 20.
- Doll, Articulated. M. S. Lower. 2,019,148; Oct. 29.
- Doll assembly. H. M. Dodge. 1,998,864; Apr. 23.
- Doll eye mechanism. W. Lorenz, and L. W. Pollack. 2,002,362; May 21.
- Doll eyelash. W. Lorenz and L. W. Pollack. 2,007,807; July 9.
- Doll head. J. A. Manning. 2,013,569; Sept. 3.
- Doll head and eye set and mouth set therefor. L. J. Grubman. 1,999,726; Apr. 30.
- Doll head with eye set, and eye set support means therefor, Flexible. L. J. Grubman. 1,999,725; Apr. 30.
- Doll house. Collapsible two-room. C. A. Schultz. 2,000,618; May 7.
- Doll, Mechanical walking. G. and N. Domowitch. 1,992,477; Feb. 26.
- Doll, parts of dolls, and manufacturing the same. A. Hajdu. 1,996,806; Apr. 9.
- Doll's eye mechanism. W. Salemm. 1,997,123; Apr. 9.
- Doll's eyes and manufacturing the same. A. Konoff. 1,999,730; Apr. 30.
- Doll's head. S. Kalner and D. Cohn. 2,013,631; Sept. 3.
- Doll's head construction. N. Paganello. 1,990,346; Feb. 5.
- Dolls, Head for. J. R. Gammeter. 2,019,129; Oct. 29.
- Dolly, Adjustable. D. L. Ulmer. 2,003,162; May 28.
- Dolly, Castering. W. G. Johnson. 2,007,447; July 9.
- Dolly, Lifting. R. L. Davis and J. McGinnis. 2,023,410; Dec. 10.
- Dolly, Scrub bucket. A. Smith. 2,001,894; May 21.
- Dome light. H. J. Graham. 2,007,528; July 9.
- Domino. P. Schubert. 1,998,526; Apr. 23.
- Door. B. G. Fitch. 2,018,663; Oct. 29.
- Door. W. M. Ginder. 1,989,511; Jan. 29.
- Door. A. L. Lambert. 1,990,909; Feb. 12.
- Door. E. H. McCloud. 1,989,657-8; Jan. 29.
- Door. H. I. Morris. 2,022,142; Nov. 26.
- Door. H. M. Vetterlein. 2,007,552; July 9.
- Door actuating mechanism. H. C. Waldman. 2,012,440; Aug. 27.
- Door adapter for rumble seat compartments. B. M. Mahon. 2,024,049; Dec. 10.
- Door and like controlling device, Automatic. A. C. Fischer. 1,987,330; Jan. 8.
- Door and locking the same, Retort. E. B. Foster and J. H. Burpee. 2,015,788; Oct. 1.
- Door and manufacturing same, Metal clad. T. Beyrie. 2,023,661; Dec. 10.
- Door and operating mechanism, Overhead. W. M. Brunst and W. J. Lauferweiler. 2,008,000; July 16.
- Door and the like, Automobile. I. D. Perry. 1,991,517; Feb. 19.
- Door and window. F. H. G., and E. F. Repetto. 1,990,919; Feb. 12.
- Door armrest. J. B. Menton. 1,996,480; Apr. 2.
- Door assembly, Coke oven. C. V. McIntire. 1,988,602; Jan. 22.
- Door, Automobile. C. E. Bedaux. 2,001,863; May 21.
- Door, Automobile. W. L. Morrison. 1,986,940; Jan. 8.
- Door, Automobile. W. L. Morrison. 2,005,198; June 18.
- Door, Automobile. W. L. Morrison. 2,016,174; Oct. 1.
- Door, Balanced. E. H. Ellison. 2,019,526-8; Nov. 5.
- Door barring device. T. Reiner. 1,988,409; Jan. 15.
- Door barring device. T. Reiner. 2,016,653; Oct. 8.
- Door bottom, Automatic. W. E. Balousek. 2,022,930; Dec. 3.
- Door buck, Hollow metal. J. A. Bohnsack. 1,995,764; Mar. 26.
- Door, Car. W. A. Beauchamp. 2,003,033; May 28.
- Door, Car. A. Campbell and G. B. Willard. 2,003,577; June 4.
- Door, Car. C. E. Dath. 1,988,585; Jan. 22.
- Door, Car. C. E. Ekland. 2,002,392; May 21.
- Door, Car. F. C. Heinen. 2,009,178; July 23.
- Door, Car. K. J. Tobin. 2,018,583; Oct. 22.
- Door, Car. G. H. Whittier. 1,989,391; Jan. 29.
- Doorcatch. F. H. McCormick. 1,989,487; Jan. 29.
- Doorcatch. W. A. Mooney. 2,013,285; Sept. 3.
- Doorcheck. G. A. Carlson. 1,996,537; Apr. 2.
- Doorcheck. S. Dubitsky, S. Adler, E. Grieshaber, C. Dearcopp, and R. Wood. 2,005,457; June 18.
- Doorcheck. W. F. Moore. 1,996,117; Apr. 2.
- Doorcheck. W. Sadownick. 2,018,876; Oct. 29.
- Doorcheck. A. J. Schulz. 1,987,913; Jan. 15.
- Doorcheck. R. H. Wright. 1,996,602; Apr. 2.
- Door check and catch, Combination. F. P. Riddell. 2,023,616; Dec. 10.
- Door check and closer. E. Bommer. 2,015,988-9; Oct. 1.
- Doorcheck and display, Combination. J. W. Wyatt and J. H. Pollard. 2,002,725; May 28.
- Doorcheck, Rubber. W. F. Schacht. 1,999,111; Apr. 23.
- Door clamp. J. B. Sando. 2,017,922; Oct. 22.
- Door closer. H. A. Stevens. 2,011,694; Aug. 20.
- Door closer. R. S. Potter. 2,003,669; June 4.
- Door closer and check. B. S. Bernhard. 1,999,274; Apr. 30.
- Door closer, Thermostatically controlled. W. F. Moore. 1,993,222; Mar. 5.
- Door closing and checking device. L. C. Norton. 2,024,472; Dec. 17.
- Door closing device. E. L. Fredricks and A. Ferguson. 2,024,919; Dec. 17.
- Door closing mechanism. N. A. Gussack. 1,997,175; Apr. 9.
- Door closure. L. D. Craine. 1,998,416; Apr. 16.
- Door closure. D. C. Hungerford. 2,019,706; Nov. 5.
- Door, Coke oven. R. Wilhelm. 2,007,318; July 9.
- Door construction. H. C. Blodgett. 2,012,336; Aug. 27.
- Door construction. J. I. Byrne. 2,023,193; Dec. 25.
- Door construction. S. H. Ersler. 1,992,524; Feb. 26.
- Door construction. C. G. Johnson and H. C. Blodgett. 1,995,773; Mar. 26.
- Door construction. E. E. Koenig, G. McK. Mills, and W. G. Hult. 2,013,412; Sept. 3.
- Door construction. J. F. Peelle. 2,021,375; Nov. 19.
- Door construction. J. Tesek. 2,020,014; Nov. 5.
- Door construction. C. H. Widman. 1,996,601; Apr. 2.
- Door construction and the like, Railway car. A. Campbell. 2,011,470; Aug. 13.
- Door construction, Car. W. A. Beauchamp. 1,997,556; Apr. 9.
- Door construction, Car. G. Madland. 2,018,562; Oct. 22.
- Door construction, Car. K. J. Tobin and F. C. Heinen. 2,025,221; Dec. 24.
- Door construction, Folding. C. D. Michael, C. A. Morgan, and W. D. Redrup. 2,007,020; July 2.
- Door construction for garages and other buildings, Overhead. K. E. Johanson. 2,015,402; Sept. 24.

- Door construction for refrigerator cabinets. W. Marshall. 2,020,845; Nov. 12.
- Door construction for refrigerators. A. A. Canton. 2,021,096; Nov. 12.
- Door construction, Hinged. E. E. Sanders. 2,014,591; Sept. 17.
- Door construction, Multiple. C. G. Johnson and H. C. Blodgett. 2,026,091; Dec. 31.
- Door construction, Side. K. J. Tobin. 2,015,371; Sept. 24.
- Door construction, Sliding. C. L. and E. W. Clark. 2,023,664; Dec. 10.
- Door construction, Sliding. E. W. Clark. 1,985,976; Jan. 1.
- Door construction, Sliding. E. W. Clark. 1,990,470; Feb. 12.
- Door construction, Sliding. C. G. Johnson. 2,008,959; July 23.
- Door control apparatus, Multiple unit treadle. H. Rowntree. 2,011,652; Aug. 20.
- Door control, Elevator. C. Nielsen. 2,009,342; July 23.
- Door control, Motor operated. M. V. Green. 2,003,534; June 4.
- Door control, Vehicle. C. A. Breit. 2,002,025; May 21.
- Door controller. A. J. Bayley. 2,000,574; May 7.
- Door controlling device. W. F. Moore. 1,993,224; Mar. 5.
- Door controlling mechanism. C. F. Sponsler. 2,025,480; Dec. 24.
- Door controlling system and apparatus. W. F. Moore. 1,993,223; Mar. 5.
- Door coordinator, Double. H. A. Eichacker. 2,015,996; Oct. 1.
- Door Counterbalanced garage. H. E. Skeels. 2,009,348; July 23.
- Door dovetail or supporting device, Vehicle. A. B. Ellery. 2,014,280; Sept. 10.
- Door, Drop. C. O. Bullard. 1,996,455; Apr. 2.
- Door elevating device. C. Lute. 1,994,138; Mar. 12.
- Door, Elevator. H. W. Schwartz. 2,020,336; Nov. 12.
- Door, Excavating implement. J. P. Murtaugh. 1,989,818; Feb. 5.
- Door fastener, Chain type. A. J. Schulz and H. H. Schulz. 2,003,473; June 4.
- Door fastening device. H. Glaser. 1,993,002; Mar. 5.
- Door, Fire. J. Hollender. 1,993,786; Mar. 12.
- Door, Firebox. T. E. Layden. 2,005,864; June 25.
- Door fixture, Railway car. G. G. Gilpin. 1,990,542; Feb. 12.
- Door fixture, Railway car. G. G. Gilpin. 2,025,200; Dec. 24.
- Door, Folding. H. G. Ainsworth. 1,986,178; Jan. 1.
- Door, Folding sectional. C. C. Gill, V. L. Julian, J. W. McIlwraith, and C. F. Rutledge. 2,020,544; Nov. 12.
- Door for fire alarm boxes and the like. P. P. Horni. 2,000,517; May 7.
- Door for fireboxes of oil burning locomotives. C. F. Gerlinger. 2,002,029; May 21.
- Door for merchandise containers. I. M. Chambers. 2,021,290; Nov. 19.
- Door for naval cruisers, Airplane hangar. E. H. McCloud. 2,023,691; Dec. 10.
- Door for railway cars, Outside. B. J. O'Neill. 2,006,474; July 2.
- Door for stock cars. C. E. Eklind and K. J. Tobin. 2,018,610; Oct. 22.
- Door for trap nests. L. E. Vaa. 1,994,734; Mar. 19.
- Door framing. G. F. Kotrbaty. 2,009,267; July 23.
- Door, Furnace. G. A. Rehm. 1,999,782; Apr. 30.
- Door, Grain. B. R. Morse. 2,002,154; May 21.
- Door, Grinding mill. R. L. Carwood. 2,011,675; Aug. 20.
- Door guide. T. L. Donahie. 2,017,041; Oct. 15.
- Door guide closure, Sliding car. T. Madland. 2,017,601; Oct. 15.
- Door guide, Elevator. R. L. Henry. 2,015,269-70; Sept. 24.
- Door handle. A. L. Birdsall. 2,007,390; July 9.
- Door handle. L. A. Jarvis. 2,008,212; July 16.
- Door, Hangar. F. Premo. 1,994,785; Mar. 19.
- Door hanger. L. A. Bittorf. 1,987,769; Jan. 15.
- Door, Hen nest. L. L. Brown. 1,994,208; Mar. 12.
- Door hinge, Concealed. E. B. G. Lefevre. 2,008,256-7; July 16.
- Door hinge, Stove. J. W. Barker. 2,023,948; Dec. 10.
- Door holder. E. L. Chisling. 1,988,237; Jan. 15.
- Door holder. W. F. Moore. 2,013,418; Sept. 3.
- Door holder, Overhead. M. J. Sassen. 2,012,731; Aug. 27.
- Door, Hollow metal. H. W. Schwartz. 2,020,337; Nov. 12.
- Door knob fastener. F. Marlinek. 1,988,130; Jan. 15.
- Doorlatch. R. C. Beito. 2,003,731; June 4.
- Doorlatch. A. S. Draa and E. Geer. 2,017,954; Oct. 22.
- Door latch. V. J. M. Eras. 2,012,341; Aug. 27.
- Doorlatch. G. Halinka. 1,989,801; Feb. 5.
- Doorlatch. A. V. Henst. 2,019,534; Nov. 5.
- Doorlatch. A. V. Henst. 1,994,134; Mar. 12.
- Doorlatch. H. R. Jones. 2,010,723; Aug. 6.
- Doorlatch. L. S. Marchesand. 2,020,035; Nov. 5.
- Doorlatch. C. J. Mattila. 1,992,830; Feb. 26.
- Doorlatch. F. Schmidgall. 2,012,732; Aug. 27.
- Doorlatch. O. C. Schmidt. 2,016,519; Oct. 8.
- Doorlatch. R. Thal. 2,017,516; Oct. 15.
- Doorlatch, Automatic. J. R. Henderson. 1,992,866; Feb. 26.
- Doorlatch, Automobile. J. C. Driessens and W. A. Carmichael. 1,987,927; Jan. 15.
- Doorlatch, Automobile. W. C. Merideth and O. A. Sidwell. 2,021,565; Nov. 19.
- Doorlatch, Automobile. H. W. Rightmyer. 1,991,120; Feb. 12.
- Doorlatch, Car. H. A. Hill and L. E. Endsley. 2,024,523; Dec. 17.
- Doorlatch operator, Automobile. W. B. Craft. 2,006,129; June 25.
- Doorlatch, Vehicle. H. W. Rightmyer. 2,010,702; Aug. 6.
- Door latching device. O. H. Erast, Sr. 2,017,790; Oct. 15.
- Door latching mechanism. W. C. Andrews. 1,995,338; Mar. 26.
- Doorlock. W. Alcorn. 1,990,014; Feb. 5.
- Doorlock. R. L. Benson. 2,021,827; Nov. 19.
- Doorlock. B. J. Coomes. 2,006,263; June 25.
- Doorlock. P. E. Ford. 2,016,895; Oct. 8.
- Doorlock. K. S. Geiselhart. 2,022,853; Dec. 3.
- Doorlock. G. Jerling. 2,006,457; July 2.
- Doorlock. E. A. Renevey. 2,019,506; Nov. 5.
- Doorlock. R. Rieback. 2,012,693; Aug. 27.
- Doorlock. W. R. Schlage. 1,991,031; Feb. 12.
- Doorlock. B. J. Schlage. 2,018,093; Oct. 22.
- Doorlock. A. L. Sprecker. 1,997,155; Apr. 9.
- Doorlock. H. G. Voight. 1,999,311; Apr. 30.
- Doorlock. H. G. Voight. 2,002,619; May 28.
- Doorlock, Automatic. G. L. Weller. 1,992,729; Feb. 26.
- Doorlock, Automobile. A. McCormick. 2,019,429; Oct. 29.
- Doorlock, Click. A. Enos. 2,008,008; July 16.
- Doorlock, Detachable. J. H. Shaw. 1,986,451; Jan. 1.
- Doorlock, Electrically actuated. A. J. Block. 2,006,624; July 2.
- Doorlock, Refrigerator. L. E. Williams. 2,001,403; May 14.
- Doorlock, Safety automobile. W. B. Scott. 2,010,736; Aug. 6.
- Door locking and operating device. W. W. Eager and C. A. Tierney. 2,004,429; June 11.
- Door mechanism, Rolling. H. G. Kelly. 1,990,870; Feb. 12.
- Door Mechanism, Vehicle operated. N. Demosthenes. 2,013,490; Sept. 3.
- Door, Metal. K. W. Kiekert. 2,010,520; Aug. 6.
- Door, Motor vehicle. A. A. Kiefer. 2,023,787; Dec. 10.
- Door mounting and operating mechanism. J. F. O'Connor. 2,000,474; May 7.
- Door, Multipartite sliding. F. W. Kiekert. 1,997,420; Apr. 9.
- Door of the type used in freight sheds and roundhouses, Vertically movable. F. W. Hall. 2,019,851; Nov. 5.
- Door-opener and doorcheck, Combined. H. C. Miller. 2,024,300; Dec. 17.
- Door opening device, Electric. M. V. Green. 2,003,533; June 4.
- Door operating apparatus. E. Gauthier. 2,003,484; June 4.
- Door operating device. J. H. Crist. 1,996,064; Apr. 2.
- Door operating device. L. H. Gross. 2,000,515; May 7.
- Door operating device. P. Smith. 1,992,099; Feb. 19.
- Door operating means, Supplemental. R. A. Fritz. 2,012,925; Aug. 27.
- Door operating mechanism. E. Alsworth. 2,017,578; Oct. 15.
- Door operating mechanism. J. E. Bancroft. 2,006,082; June 25.
- Door operating mechanism. J. E. Bancroft. 2,008,893; July 23.
- Door operating mechanism. A. Brodsky. 1,990,166; Feb. 5.
- Door operating mechanism. I. M. Chambers. 2,003,037; May 28.
- Door-operating mechanism. R. H. Greigor. 1,998,233; Apr. 16.
- Door operating mechanism. H. Q. Hollmann. 2,022,914; Dec. 3.
- Door operating mechanism. V. O. Keys. 1,998,370; Apr. 16.
- Door operating mechanism. S. Madsen. 1,994,142; Mar. 12.
- Door operating mechanism. J. A. Schweig. 2,017,735-6; Oct. 15.
- Door operating mechanism. F. J. Sullivan. 1,992,972; Mar. 5.
- Door operating mechanism. F. J. Sullivan. 1,993,690; Mar. 5.
- Door operator. A. J. and J. Kinsler. 2,003,652; June 4.
- Door operator. J. C. Tamsitt. 2,003,399; June 4.
- Door operator, Mine. D. M. Sobat. 2,016,057; Oct. 1.
- Door, Overhead. R. H. Gregor. 2,020,831; Nov. 12.
- Door, Overhead. E. H. McCloud. 2,007,688; July 9.
- Door, Overhead. A. Rush. 1,994,834; Mar. 19.
- Door, Overhead garage. W. D. Ferris. 2,010,658; Aug. 6.
- Door, Overhead opening garage. S. Madsen. 2,021,459; Nov. 19.
- Door panel, Automobile. J. J. Blum. 2,019,247; Oct. 29.
- Door panels, Constructing. M. S. Randall. 1,998,590; Apr. 23.
- Door, particularly for motor-car garage, Counter-poised tilting. E. Wanner. 2,017,554; Oct. 15.
- Door, Pivoted letter box. A. J. Carlson. 2,018,544; Oct. 22.
- Door, Power operated elevator. A. J. Liebenberg. 2,019,456; Oct. 29.
- Door, Recessing. G. W. Isley. 2,026,043; Dec. 31.
- Door, Refrigerator. G. E. Friedrich. 2,021,057; Nov. 12.
- Door, Refrigerator. D. E. Rutishauser. 1,992,239; Feb. 26.

- Door, Refrigerator evaporator. W. H. Weinrich. 2,024,493; Dec. 17.
- Door reinforcement and lock mounting. Metal. W. R. Schlage. 2,004,510; June 11.
- Door retainer. J. J. Seitz. 1,990,141; Feb. 5.
- Door, Revolving. E. Peremi and C. Kish. 2,003,305; June 4.
- Door, Revolving. E. Peremi and C. Kish. 2,007,213; July 9.
- Door, Revolving. E. Peremi and C. Kish. 2,010,825; Aug. 13.
- Door, Revolving. E. Peremi and C. Kish. 2,014,395; Sept. 17.
- Door, Revolving. J. V. Schreiber. 2,025,958; Dec. 31.
- Door, Rolling. H. C. Armstrong. 1,997,846; Apr. 16.
- Door, Sectional. R. H. Greeger. 1,989,513; Jan. 29.
- Door, Sectional. L. H. Klesling. 2,015,478; Sept. 24.
- Door securer. J. Forte. 2,019,217; Oct. 29.
- Door securing device. P. Helbig. 2,013,779; Sept. 10.
- Door securing means. B. R. Jones. 1,989,808; Feb. 5.
- Door shaft construction. P. R. Forman. 1,990,898; Feb. 12.
- Door, Sidewalk. J. W. Lovatt. 2,012,885; Aug. 27.
- Door, Sliding. H. F. Collins. 2,006,228; June 25.
- Door-stay. J. Riebe. 2,000,191; May 7.
- Door step, Combination. G. F. Spettel. 2,001,802; May 21.
- Doorstop. A. Evulich. 2,011,215; Aug. 13.
- Doorstop. D. Traum. 1,989,536; Jan. 29.
- Doorstop. M. M. Tusher. 2,019,803; Nov. 5.
- Door, Stove. G. E. Pickup. 1,995,039; Mar. 19.
- Door structure. D. H. Morgan. 2,017,012; Oct. 8.
- Door structure, Baling press. A. S. Mackenzie. 2,016,444; Oct. 9.
- Door structure, Mine. B. Mullins and A. R. Brown. 2,015,458; Sept. 24.
- Door structure, Revolving. B. H. Uhrich. 1,992,847; Feb. 26.
- Door support. R. I. Schonitzer. 2,024,886-7; Dec. 17.
- Door support and coupling, Adjustable. E. Bommer. 2,004,187; June 11.
- Door supporting and guiding means. K. J. Tobin. 1,997,554; Apr. 9.
- Door system, Multiple unit treadle controlled. R. D. Conkling and F. E. Johnson. 2,009,081; July 23.
- Door tension device for motor vehicles. H. Beiersdorf. 2,012,093; Aug. 20.
- Doorway structure for box cars. W. L. Thomas. 2,016,731; Oct. 8.
- Doors, Actuating folding. E. G. Matbauer. 2,001,103; May 14.
- Doors, Attachment for. W. T. Klesner. 2,016,862; Oct. 8.
- Double acting engine. R. D. Young. 2,024,263; Dec. 17.
- Double-acting hydraulic pump. F. D. Coletta. 2,008,243; July 16.
- Double pile fabric loom. F. M. Kaufman. 1,993,373; Mar. 5.
- Doubletree. E. McLaughlin. 1,992,229; Feb. 26.
- Douche, Thermal. H. M. Kanner. 2,010,457; Aug. 6.
- Dough cooking machine. J. Kruttschnitt. 2,014,384; Sept. 17.
- Dough cutting grain-converter. J. J. Downey, C. I. Bledsoe, and N. Henson. 2,023,315; Dec. 3.
- Dough divider. W. G. Kirchoff. 2,001,026; May 14.
- Dough divider. F. Marasso. 2,007,686; July 9.
- Dough divider for doughnut machines and the like. P. J. Toews. 2,003,617; June 4.
- Dough fermentation, Method and appliance for determining degree of. F. X. Nodler. 2,005,592; June 18.
- Dough, Method of and apparatus for acting upon. I. Elliott. 2,009,388; July 30.
- Dough mixer. E. J. Lauterbur. 2,011,494; Aug. 13.
- Dough mixer. E. J. Lauterbur. 2,025,541; Dec. 24.
- Dough molding machinery. F. X. and E. J. Lauterbur. 1,987,237; Jan. 8.
- Dough package. A. D. Traller. 1,988,058; Jan. 15.
- Dough products and the like, Treating. J. Kremer. 2,023,478; Dec. 10.
- Dough proofing machine. D. J. Hanna and J. M. Van Houten. 2,017,046; Oct. 15.
- Dough rolls, Apparatus for molding, shaping, and elongating. J. P. Peters. 1,988,047; Jan. 15.
- Dough working pressure board. C. O. Lea. 2,014,183; Sept. 10.
- Doughnut cooking machine. C. E. Carpenter. 1,991,492; Feb. 19.
- Doughnut forming machine. R. E. Painter. 2,023,093; Dec. 3.
- Doughnut machine. C. E. Carpenter and D. B. Scoville. 2,024,428; Dec. 17.
- Doughnut machine and the like. C. E. Carpenter. 2,005,178; June 18.
- Doughnut mechanism and the like. P. Ahacich. 2,023,658; Dec. 10.
- Dovetail attachment for dovetail machines. R. H. Crouch. 2,005,647; June 18.
- Dowel. C. Shaw. 2,011,529; Aug. 13.
- Dowel lapping machine. A. T. Walker. 2,012,555; Aug. 27.
- Dowel pin. R. Krnansky. 2,001,144; May 14.
- Dowel pin chuck. M. C. Phenix. 1,989,288; Jan. 29.
- Dowel support. K. C. Oelfke. 2,019,793; Nov. 5.
- Draft gear for railway vehicles. F. Nortz. 2,022,253; Nov. 26.
- Draft and buffer gear. W. M. Dwyer. 2,007,368; July 9.
- Draft and buffet gear. S. B. Haseltine. 2,017,206; Oct. 15.
- Draft appliance, Railway. W. J. Regan and E. George, Jr. 2,003,221; May 28.
- Draft control. E. T. Dahl. 2,002,693; May 28.
- Draft control device, Double acting automatic. M. W. Bowersox. 1,988,539; Jan. 22.
- Draft controller, Automatic. G. J. Irsch and W. B. Stephenson. 2,004,947-8; June 18.
- Draft eliminator. N. Wierk. 2,016,160; Oct. 1.
- Draft equalizer. S. B. Hendricks. 2,026,130; Dec. 31.
- Draft equalizer. V. J. Tichota. 2,005,525; June 18.
- Draft gear. M. B. Hall. 2,023,922; Dec. 10.
- Draft gear. E. P. Kinne. 2,019,311; Oct. 29.
- Draft gear. A. H. Oelkers. 2,003,583; June 4.
- Draft gear. E. H. Schmidt. 1,989,157; Jan. 29.
- Draft gear. D. F. Sproul. 1,997,472; Apr. 9.
- Draft gear mechanism. G. T. Johnson. 1,992,701; Feb. 26.
- Draft means for incinerators. Gross. E. W. Strube. 2,004,734; June 11.
- Draft mechanism. J. S. McPherson. 2,013,759; Sept. 10.
- Draft mechanism for trailer wagons. G. C. Jett. 1,990,328; Feb. 5.
- Draft regulator. J. C. Miles. 1,989,105; Jan. 29.
- Draft regulator. C. H. Morrow. 2,005,981; June 25.
- Draft regulator. L. F. Stoker. 2,026,197; Dec. 31.
- Draft rigging. N. B. Akitt. 2,000,682; May 7.
- Draft rigging. N. B. Akitt. 2,000,683; May 7.
- Draft rigging. N. B. Akitt. 2,023,801; Dec. 10.
- Draft rigging. D. S. Barrows. 1,988,426; Jan. 15.
- Draft rigging. D. S. Barrows. 2,003,231; May 28.
- Draft rigging. D. S. Barrows. 2,006,230; June 25.
- Draft rigging. D. S. Barrows. 2,006,232; June 25.
- Draft rigging. D. S. Barrows. 2,013,429; Sept. 3.
- Draft rigging. D. S. Barrows. 2,022,999; Dec. 3.
- Draft rigging. E. H. Blattner. 1,996,038; Mar. 26.
- Draft rigging. G. F. Couch. 2,025,726; Dec. 31.
- Draft rigging. B. W. Kadel. 1,987,561; Jan. 8.
- Draft rigging. B. W. Kadel. 2,015,017; Sept. 17.
- Draft rigging. H. J. Lounsbury. 2,018,026; Oct. 22.
- Draft rigging. F. G. Suckow. 1,998,468; Apr. 23.
- Draft rigging, Railway. J. F. O'Connor. 2,011,773; Aug. 20.
- Drafting appliance. H. W. Rice. 2,010,198; Aug. 6.
- Drafting board device. J. H. Reichart. 2,008,408; July 2.
- Drafting device. W. E. Keyes. 1,993,846; Mar. 12.
- Drafting implement. K. Simon. 2,014,190; Sept. 10.
- Drafting instrument. T. G. Alteneder. 1,986,661; Jan. 1.
- Drafting instrument. S. S. Cary. 2,014,719; Sept. 17.
- Drafting instrument. W. W. Ford. 1,995,204; Mar. 19.
- Drafting instrument. C. McMillan. 1,993,347; Mar. 5.
- Drafting instrument, Combination. M. Escalante. 2,016,489; Oct. 8.
- Drafting table, Portable. O. Fisher. 2,008,441; July 16.
- Drag brake. T. S. Smith. 1,990,101; Feb. 5.
- Drag conveyer channel. B. Beardsley and A. Plausic. 2,006,294; June 25.
- Drag for weeding potato plants. P. J. Mork. 1,992,387; Feb. 26.
- Dragline apparatus. W. P. Neil. 1,999,775; Apr. 30.
- Dragline arrangement. F. W. Larkworthy. 1,994,774; Mar. 19.
- Dragline device for toys. J. Birrell. 1,997,275; Apr. 9.
- Drag link. J. W. Leighton. 2,020,149; Nov. 5.
- Drag, Steel brush road. L. J. Densberger. 1,997,248; Apr. 9.
- Drain apparatus. Sink. O. J. Seguin. 2,019,799; Nov. 5.
- Drain attachment for pumps and the like. F. H. Jecmeneck. 2,016,638; Oct. 8.
- Drainboard. J. C. Nelson. 2,007,112; July 2.
- Drain cleaning device. A. F. Hopewell. 2,016,498; Oct. 8.
- Drain conduit, Process and machine for laying a. J. Bruins. 1,991,919; Feb. 19.
- Drain control means. B. Grismer. 1,990,689; Feb. 12.
- Drain, Floor. W. S. Fleming. 2,019,779; Nov. 5.
- Drain, Floor. L. Goodhart. 2,003,770; June 4.
- Drain for boats and the like. R. R. ToeLaer. 1,994,236; Mar. 12.
- Drain or waste cleaner. A. Broskie. 1,011,535; Aug. 13.
- Drain pipe. C. C. Chesley. 2,009,163; July 23.
- Drain, Roof. T. A. Murphy. 2,013,761; Sept. 10.
- Drain, Roof. E. M. Rieger, W. Paulin, and M. A. Zurn. 1,991,772; Feb. 19.
- Drain, Roof or floor. A. Sommerfeld. 1,988,669; Jan. 22.
- Drain, Supercharger fuel. A. H. Leak. 2,026,182; Dec. 31.
- Drain trap. M. G. Norman. 2,017,767; Oct. 15.
- Drain valve. C. C. Farmer. 2,009,845; July 30.
- Drain valve, Automatic. C. W. Gordon. 2,024,574; Dec. 17.
- Drain valve, Automatic. M. P. Kudolla. 2,022,724; Dec. 3.
- Drainage device. F. J. Miller. 1,998,514; Apr. 23.
- Drainage of floating roofs. E. E. Shanor. 2,017,821; Oct. 15.
- Drainage structure. F. J. Schwemler. 1,997,201; Apr. 9.
- Drainage system. W. F. Hohorst. 2,026,498; Dec. 31.
- Drainage system. J. A. Lockhart. 1,997,801; Apr. 16.
- Drainage valve. E. W. Anger. 2,007,358; July 9.
- Drainer, Cellar. H. D. Yoder. 2,006,615; July 2.
- Drainer, Supraubic. L. Savally. 2,018,322; Oct. 22.
- Draining apparatus. J. A. Winger and E. W. Vable. 1,994,844; Mar. 19.
- Draining device. E. B. Singleton. 2,007,258; July 9.
- Draining device for flowerpots. A. S. Muller. 1,992,878; Feb. 26.

- Draining lifter, F. Taylor, 2,021,874; Nov. 19.
 Draining rack, L. R. Bradford, 2,025,639; Dec. 24.
 Drains, Attachment for sewer, H. A. Olsen, 2,008,258; July 16.
 Drains, Device for flushing, J. C. Green, 2,009,398; July 30.
 Drape, Casket truck, D. E. Brown, 1,998,269; Apr. 16.
 Drapery display device, E. L. E. Gossner, 2,016,741; Oct. 8.
 Draught regulator, F. L. Trethewey, 2,007,486; July 9.
 Draw and buffer gear, K. Scharfenberg, 1,998,388; Apr. 16.
 Drawbar, J. S. Keen, A. Wallace, and E. O. Elliott, 1,989,639; Jan. 29.
 Drawbar and coupling for lawn mowers, F. G. Thomas, 1,995,785; Mar. 26.
 Drawbar, Automatic extensible, R. N. Burton, 2,001,408; May 14.
 Drawbar, Compensating, H. H. Glasier, 1,990,900; Feb. 12.
 Drawbar guide for automatic train pipe connectors, A. S. Johnson, 1,990,651; Feb. 12.
 Draw table, B. J. Swanson, 2,017,298; Oct. 15.
 Drawworks, E. E. Greve, 1,998,013; Apr. 16.
 Draw works, Multiple speed gear driven, A. E. Rice and J. S. Morgan, Jr., 2,026,141; Dec. 31.
 Drawer and safety locker, Money, A. L. Abbott and W. C. Miller, 2,020,865; Nov. 12.
 Drawer, Broiler, G. E. Pickup, 2,021,019; Nov. 12.
 Drawer construction, Reinforced, S. Scheinman and J. Drawer, Filing, F. A. Schmitz, 2,004,057; June 4.
 Mandel, 2,012,857; Aug. 27.
 Drawer pull and label holder, Combined, F. E. Curtis, 2,018,662; Oct. 29.
 Drawer, Refrigeration, P. S. Hurlburt, 2,021,065; Nov. 12.
 Drawer, Refrigerator, A. J. Feltault, 2,020,638; Nov. 12.
 Drawer slide, R. I. Eustis, 2,012,530; Aug. 27.
 Drawers, A. Fekete, 1,998,865; Apr. 23.
 Drawing, H. J. Tuthill, 2,013,796; Sept. 10.
 Drawing board, W. T. Gray, 2,009,656; July 30.
 Drawing board, R. L. Sorensen, 2,003,841; June 4.
 Drawing board, M. K. von Zimmermann, 1,987,382; Jan. 8.
 Drawing board clamp, A. J. Romeis, 2,022,825; Dec. 3.
 Drawing board clamp, S. Tindal, 2,015,247; Sept. 24.
 Drawing die, H. H. Richardson, 2,012,022; Aug. 20.
 Drawing instrument, Perspective, A. P. L. Launay, 1,990,040; Feb. 5.
 Drawing material, R. C. Benner, H. P. Kirchner, and R. L. Melton, 1,992,176; Feb. 26.
 Drawing outfit, F. Adler, 1,997,287; Apr. 9.
 Drawings, Apparatus for making, D. C. Morrison, 2,014,006; Sept. 10.
 Dredge and cleaning system, Sand, H. A. Bruce, 2,010,843; Aug. 13.
 Dredge conveyer, H. G. Shaw, 2,022,300; Nov. 26.
 Dredge hoisting apparatus, J. M. Bennett, 2,002,599; May 28.
 Dredge, Hydraulic, A. J. Kertzman, 2,023,686; Dec. 10.
 Dredge, Hydraulic, A. Neveling, Sr., 2,002,748-9; May 28.
 Dredging apparatus, H. H. Holloway, 2,019,968; Nov. 5.
 Dredging apparatus, C. S. Smith, 2,017,296; Oct. 15.
 Dredging container, Easy-opening, P. H. Knop, 2,016,966 Oct. 8.
 Dress, A. Carafiol, 2,017,750; Oct. 15.
 Dress, Adjustable, I. Greenberg, 1,995,423; Mar. 26.
 Dress back protector, G. G. Fowler, 1,989,309; Jan. 29.
 Dress hook, Shoulder strap, M. H. and M. E. Keilhamer, 1,998,160; Apr. 16.
 Dress reblocking apparatus, C. J. Martin, 1,989,458; Jan. 29.
 Dress shoe cover, R. C. Savale, 2,013,700; Sept. 10.
 Dresser set component, R. P. Ridges, 1,990,957; Feb. 12.
 Dressing attachment for grinding machines, Universal, A. L. Wilder, 2,011,099.
 Dressing composition, H. H. Freund, 2,017,242; Oct. 15.
 Dressing mechanism, R. S. Condon and C. T. Galloway, 2,008,128; July 16.
 Dressing substance, Dry, A. Steindorff, H. Rössner, and K. Pfaff, 1,988,757; Jan. 22.
 Dressing tool, C. E. Pioch, 1,992,768; Feb. 26.
 Drier, See—
 Centrifugal drier, Hair drier.
 Clothes drier, Line drier.
 Electric drier, Mat drier.
 Fit form drier, Rotary drier.
 Fruit drier, Rotary drum drier.
 Drier, F. D. Brown and R. J. Musser, 1,994,083; Mar. 12.
 Drier, A. G. Forty, 2,001,345; May 14.
 Drier, J. J. Fowler, 2,013,668; Nov. 5.
 Drier, F. L. Furbush, 1,995,675; Mar. 26.
 Drier, A. Hantla, 2,020,504; Nov. 12.
 Drier, D. E. Keech, 1,991,324; Feb. 12.
 Drier, J. E. Kelley, 2,004,488; June 11.
 Drier, W. L. Martin, 1,991,950; Feb. 19.
 Drier, W. L. Martin, 1,993,244; Mar. 5.
 Drier, W. L. Martin, 2,014,185; Sept. 10.
 Drier, W. L. Martin, 2,016,096; Oct. 1.
 Drier, W. L. Martin, 2,025,172; Dec. 24.
 Drier, A. C. McCord, 2,008,183; July 16.
 Drier, A. C. McCord, 2,013,572; Sept. 3.
 Drier, E. F. Mueller, 2,017,286; Oct. 15.
 Drier, H. Suhr, 2,018,505; Oct. 22.
 Drier and offset eliminator, H. C. Haeckel, 2,025,507; Dec. 24.
 Drier and sterilizer, Can, T. V. Baldwin, 1,992,460; Feb. 26.
 Drier and stretcher form, Adjustable, S. B. McKinney, 2,016,969; Oct. 8.
 Drier cylinder, P. M. F. Buettner, 2,008,434; July 16.
 Drier for metal plates, A. Hormel, 2,019,972; Nov. 5.
 Drier for photographic prints, E. A. Martinek, 1,994,284; Mar. 12.
 Drier for web material, Vertical, E. E. Berry, 2,019,649; Nov. 5.
 Drier mechanism for paper making machines, C. W. Valentine and A. Helin, 1,991,432; Feb. 19.
 Drill, See—
 Bit rock drill, Mining drill.
 Breast and bench drill, Rock drill.
 Convertible upright drill, Rotary drill.
 Core drill, Self-lubricating drill.
 Earth boring drill, Well drill.
 Expandable drill.
 Drill, G. G. Brown, 2,006,536; July 2.
 Drill, G. G. Brown, 2,025,567; Dec. 24.
 Drill, W. H. Furness, 2,019,669; Nov. 5.
 Drill, W. L. Pearce, 2,011,158; Aug. 13.
 Drill, W. L. Pearce, 2,014,909; Sept. 17.
 Drill, W. L. Pearce, 2,022,734-5; Dec. 3.
 Drill, J. C. Wright, 1,987,886; Jan. 15.
 Drill and method, Earth boring, L. C. Black, 1,992,350; Feb. 26.
 Drill bit, A. P. Hummel, 2,017,834; Oct. 15.
 Drill bit, H. Maschek, 2,025,354; Dec. 24.
 Drill bit, U. S. Rush, 2,025,476; Dec. 24.
 Drill bit, R. R. Sanderson, 1,994,791-2; Mar. 19.
 Drill bit, R. R. Sanderson, 1,995,043; Mar. 19.
 Drill bit, R. R. Sanderson, 2,022,055; Nov. 26.
 Drill bit, E. A. Thaheld, 2,020,625; Nov. 12.
 Drill bit, J. A. Zublin, 2,025,359; Dec. 24.
 Drill bit, J. A. Zublin, 2,025,261; Dec. 24.
 Drill boxing, L. J. Fellay, 2,001,057; May 14.
 Drill chuck, Rock, C. A. Hultquist, 2,002,203; May 21.
 Drill cutter, F. L. Scott, 1,993,286; Mar. 5.
 Drill feed, Fluid actuated, A. M. Sosa, 1,990,052; Feb. 5.
 Drill grinding, J. S. Smyser, 1,993,418; Mar. 5.
 Drill grinding machine, E. Bausch and W. L. Flad, 2,024,268; Dec. 17.
 Drill jig, F. J. McGarry, 1,014,025; Sept. 10.
 Drill, Modification of the electrically driven percussion, R. Dederer, 2,016,829; Oct. 8.
 Drill pipe protector, C. K. Holt, I. B. Marsh, and J. B. Merritt, 2,002,893; May 28.
 Drill point gauge, T. B. Tiefenbacher, 1,997,758; Apr. 16.
 Drill press, C. Landriani, 1,994,772; Mar. 19.
 Drill press, H. E. Tautz, 2,025,834; Dec. 31.
 Drill presses, Turning, forming, and threading attachment for, C. Turnpseed, 1,992,558; Feb. 26.
 Drill rig, W. J. Mitchell, 2,023,027; Dec. 3.
 Drill sharpening mechanism, N. J. Elter and D. B. St. Jacques, 2,017,532; Oct. 15.
 Drill steel guide, M. C. Huffman, 2,026,313; Dec. 31.
 Drill steel guide, J. L. Reilly, 2,026,062; Dec. 31.
 Drill steel retainer, J. C. Curtis, 2,003,924; June 4.
 Drill string section, H. E. Johnson, 2,021,451; Nov. 19.
 Drilling apparatus, C. E. Bannister, 2,002,385; May 21.
 Drilling apparatus, G. J. Barrett and S. Robichaux, 2,020,599; Nov. 12.
 Drilling apparatus, W. L. Church, 2,014,927; Sept. 17.
 Drilling apparatus, M. P. Holmes, 2,015,677; Oct. 1.
 Drilling apparatus, M. C. Huffman, 2,001,729; May 21.
 Drilling apparatus and method, Rotary, Z. A. Dyer, 2,015,634; Sept. 24.
 Drilling apparatus, Oil well, D. R. Sheridan, 2,013,070; Sept. 3.
 Drilling apparatus, Underwater, A. F. Johnson, 2,001,576; May 14.
 Drilling machine, A. T. Dupont, 1,998,451; Apr. 23.
 Drilling machine, L. J. Fellay, 2,001,058; May 14.
 Drilling machine, F. W. Hild, 2,003,078; May 28.
 Drilling machine, F. W. Hild, 2,003,079; May 28.
 Drilling machine, Portable, K. H. Andren, 2,002,727; May 28.
 Drilling machine, Rotary, W. J. Mitchell, 2,000,976; May 14.
 Drilling machine, Rotary, W. J. Mitchell, 2,019,761; Nov. 5.
 Drilling motor, J. C. Curtis, 2,013,745; Sept. 10.
 Drilling structure and bit, F. F. Hill, 2,021,184; Nov. 19.
 Drilling system for rotary drilling equipment, Automatic, H. G. Dillon, W. C. Dreyer, and H. C. Jenks, 2,005,889; June 25.
 Drilling tool, R. A. Hawn, 1,994,516; Mar. 19.
 Drilling wells and well drilling fluid, H. C. Lawton, A. G. Loomis, and H. A. Ambrose, 1,999,766; Apr. 30.
 Drills, Hydraulic arm translating means for radial, L. L. Schauer, 2,021,388; Nov. 19.
 Drink dispensing machine, J. H. McLellan, 2,019,016; Oct. 29.
 Drink mixer, H. M. Collins, 2,010,534; Aug. 6.
 Drink mixer, LeR. H. Fontan, 2,013,615; Sept. 3.
 Drink mixer, A. M. Lutes, 2,004,373; June 11.
 Drink mixer, W. Luxmore, 1,999,542; Apr. 30.
 Drink mixer, W. Luxmore, 2,018,141; Oct. 22.
 Drink mixer, W. Luxmore, 2,026,240; Dec. 31.

- Drink mixer. S. J. Poplawski. 1,997,873; Apr. 16.
 Drink mixer. W. A. Stroud. 1,993,024; Mar. 5.
 Drink vending machine, Automatic. T. Brady. 2,000,556; May 7.
 Drinking cup, Paper. W. E. Swift and F. P. Swallow. 2,000,796; May 7.
 Drinking device for poultry. H. Siewers. 1,998,174; Apr. 16.
 Drinking fountain. A. L. Gruver. 2,020,604; Nov. 12.
 Drinking fountain, Concealed. W. J. Tierney. 1,990,355; Feb. 5.
 Drinking fountain, Poultry sanitary. R. E. Hanson. 1,986,928; Jan. 8.
 Drinks, Device for distributing. M. Cabrera y Garcia. 2,020,884; Nov. 12.
 Drip catcher for containers. R. Robinson. 2,002,677; May 28.
 Dripping device. D. M. Loughlin and A. B. Anderson. 2,007,868; July 9.
 Drive and suspension means. A. C. Peterson. 2,002,210; May 21.
 Drive attachment for automobiles. L. Segerstrom. 2,025,131; Dec. 24.
 Drive, Belt. E. R. Morton. 2,022,052; Nov. 26.
 Drive, Belt. E. J. Schmidt. 1,987,753; Jan. 15.
 Drive construction. Overrunning. E. E. Wemp. 2,001,804; May 21.
 Drive, Electric. L. Y. Spear. H. E. Grieshaber, and E. Nibbs. 2,019,025-6; Oct. 29.
 Drive, Electromechanical. F. R. Higley. 1,992,210; Feb. 26.
 Drive, Engine starter. E. E. Baldwin. 2,012,264; Aug. 27.
 Drive expansion fastener, Self-locking. H. G. Norwood. 2,006,813; July 2.
 Drive for diaphragm sorters. R. Haas. 2,014,326; Sept. 10.
 Drive for die casting machines for plastic masses, Electric. H. Gastrow. 1,992,696; Feb. 26.
 Drive for doctor oscillators. G. H. Thomson, S. B. Stafford, and H. A. Smith. 2,007,289; July 9.
 Drive for fuel pumps for combustion power engines. H. Becker. 2,000,555; May 7.
 Drive for cinematographic films. A. L. V. C. Debrie. 1,988,981; Jan. 22.
 Drive for machine tool elements. K. F. Gallimore. 2,002,480; May 21.
 Drive for machine tools, Hydraulic. W. Ferris. 2,001,059; May 14.
 Drive for motor cars, Front. O. Zancan. 2,003,166; May 28.
 Drive for vehicles, Electric. W. C. Moore and A. E. Nolan. 1,997,974; Apr. 16.
 Drive, Form roll. H. A. W. Wood. 2,014,095; Sept. 10.
 Drive, Form roll. H. A. W. Wood. 2,017,139; Oct. 15.
 Drive, Freeheeling. E. H. Needham. 1,991,692; Feb. 19.
 Drive, Friction. O. Ohnesorge. 2,002,126; May 21.
 Drive, Friction. O. Ohnesorge. 2,012,517; Aug. 27.
 Drive from sealed gear casing. H. E. Warren. 2,003,163; May 28.
 Drive, Front wheel. R. F. Devener and R. H. Sheppard. 2,011,355; Aug. 13.
 Drive, Intermittent pedal. J. Kramps. 2,023,889; Dec. 10.
 Drive, Machine tool. H. R. Isler. 2,002,816; May 28.
 Drive mechanism. A. M. Ney. 2,015,688; Oct. 1.
 Drive mechanism. R. L. Nyburg. 1,990,665; Feb. 12.
 Drive mechanism for mechanical stokers. H. E. Preston. 2,005,006; June 18.
 Drive mechanism for shaker conveyers. W. W. Sloane. 2,026,103; Dec. 31.
 Drive, Multiple belt. P. P. Wuesthoff. 2,006,614; July 2.
 Drive on tire jack. C. E. Paden. 2,012,635; Aug. 27.
 Drive, Paper carriage. O. J. Sundstrand. 2,023,294; Dec. 3.
 Drive pulley for buttonhole stitching machines. G. Minikowitz. 2,008,872; July 23.
 Drive, Rear end. H. A. Flogaus. 1,998,713; Apr. 23.
 Drive, Reversible. E. F. Poland. 2,021,377; Nov. 19.
 Drive shaft, Yieldable. E. Zimmer. 1,987,316; Jan. 8.
 Drive, Starter. M. P. Whitney. 2,004,643; June 11.
 Drive, Variable speed friction. R. Ragan. 1,989,112; Jan. 29.
 Drive, Vehicle. F. R. Higley. 2,000,465; May 7.
 Driving and stopping mechanism. F. B. Keall and L. Mawbey. 2,024,293; Dec. 17.
 Driving arrangement at cigar machines. K. E. Granstedt. 1,991,317; Feb. 12.
 Driving arrangement for spindles of spinning and like textile machines. W. Prince-Smith. 2,010,735; Aug. 6.
 Driving block arrangement for motor vehicles. J. Ganz. 1,989,446; Jan. 29.
 Driving connection. R. Henry. 1,997,488; Apr. 9.
 Driving control for motor vehicles. F. W. Jarvis. 2,021,859; Nov. 19.
 Driving device, Electric. O. Neuenschwander. 2,002,124; May 21.
 Driving device for fasteners. R. S. Wagner. 2,025,185; Dec. 24.
 Driving device for making cast concrete pile planks in subsoil. H. Stechert. 2,010,778; Aug. 6.
 Driving device for twisting machines. E. Schweizer. 2,019,364; Oct. 29.
 Driving device for valves and the like. W. W. Clinedinst. 1,996,365; Apr. 2.
 Driving device, Vibration cushioning. E. J. Dumm. 2,017,591; Oct. 15.
 Driving disk for clutches. W. O. Bechman. 2,002,285; May 21.
 Driving-locking mechanism. G. E. Swartz. 2,019,327; Oct. 29.
 Driving means for electric generators. Tj. Silber. 2,004,224; June 11.
 Driving means for ship auxiliaries or the like. A. Petermann. 2,009,001; July 23.
 Driving means for vehicles having multiwheel drive, Hydraulic. C. O. J. Montelius. 1,987,698; Jan. 15.
 Driving mechanism. J. W. Armour. 1,991,441; Feb. 19.
 Driving mechanism. M. H. Ballard and D. G. McLean. 2,021,220; Nov. 19.
 Driving mechanism. D. I. DuBois. 2,026,023; Dec. 31.
 Driving mechanism. C. H. Havill. 2,005,655; June 18.
 Driving mechanism. A. E. Hudd. 2,008,912; July 23.
 Driving mechanism. U. Kohler. 1,988,983; Jan. 22.
 Driving mechanism. R. P. Lansing. 1,987,833; Jan. 15.
 Driving mechanism. R. P. Lansing. 1,988,206; Jan. 15.
 Driving mechanism. R. K. Lee. 2,024,459; Dec. 17.
 Driving mechanism. J. F. McCann and C. E. Johnson. 1,988,421; Jan. 15.
 Driving mechanism. J. S. Stull. 2,020,482; Nov. 12.
 Driving mechanism. R. A. Walter. 2,001,228; May 14.
 Driving mechanism. A. S. Walton. 1,988,405; Jan. 15.
 Driving mechanism. H. E. Winkler. 2,010,793; Aug. 6.
 Driving mechanism and automatic stop means therefor. G. J. Uhlig. 2,019,439; Oct. 29.
 Driving mechanism and clutch. E. E. Wemp. 2,005,250; June 18.
 Driving mechanism and current breaker therefor Safety. G. J. Uhlig. 2,017,641; Oct. 15.
 Driving mechanism, Duplex. F. Balzer. 2,017,935; Oct. 22.
 Driving mechanism for calculating machines. A. A. Horton. 2,004,282; June 11.
 Driving mechanism for churns. A. C. Houglund. 2,016,499; Oct. 8.
 Driving mechanism for motion picture cameras. L. H. Stanford. 2,023,493; Dec. 10.
 Driving mechanism for motor vehicles. J. E. and A. J. Hofweber. 2,024,099; Dec. 10.
 Driving mechanism for postage meter machines. J. W. Ozden and E. Donaldson. 1,995,577; Mar. 26.
 Driving mechanism for producing gyratory movement. G. H. Hebebrand. 2,003,441; June 4.
 Driving mechanism for turrets and like apparatus. G. Swahnberg. 2,021,030; Nov. 12.
 Driving mechanism, Intermittent. N. B. Galkin. 2,023,679; Dec. 10.
 Driving mechanism, Intermittent. T. O. Strauss. 1,998,855; Apr. 23.
 Driving mechanism, Internal reversible multispeed. K. K. Huppmann. 2,012,629; Aug. 27.
 Driving mechanism, Motor vehicle. H. A. Flogaus. 2,001,870; May 21.
 Driving member for electrodynamic loud speakers. A. T. van Urk and G. Peusken. 2,020,814; Nov. 12.
 Driving unit for fluid pumps. W. König. 1,996,160; Apr. 2.
 Driving wheel. T. H. Ainsworth. 2,019,285; Oct. 29.
 Drop leaf table. C. Sintz. 1,999,705; Apr. 30.
 Drop leaf table, Automatic. H. Howe. 1,993,787; Mar. 12.
 Drop-preventing device. P. Feremutsch. 2,021,545; Nov. 19.
 Dropper, Medicine. M. N. Durand. 1,991,345; Feb. 12.
 Dropper, Vegetable oil. L. D. Crane. 1,996,856; Apr. 9.
 Drum. W. F. Ludwig. 2,024,937; Dec. 17.
 Drum. O. E. Parkinson and W. J. Mahoney. 2,022,820; Dec. 3.
 Drum and making it. Shipping. H. N. Knowlton. 2,019,610; Nov. 5.
 Drum cleaning machine. A. S. Johnson. 1,986,204; Jan. 1.
 Drum, Collapsible. F. B. Pfeiffer. 2,004,797; June 11.
 Drum, Collapsible tire building. H. C. Bostwick. 2,016,884; Oct. 8.
 Drum container. H. R. Bliss and H. G. Allen. 1,989,262; Jan. 29.
 Drum for treating pieces of work. J. H. Connor. 2,006,441; July 2.
 Drum head. G. H. Logan. 2,018,182; Oct. 22.
 Drum-head tightener device. R. H. Hiers. 1,995,066; Mar. 19.
 Drum head tightener device. R. H. Hiers. 2,009,061; July 23.
 Drum, Heating. S. G. Gilleland. 2,015,793; Oct. 1.
 Drum operating mechanism for winches. J. H. Wilson. 2,023,828; Dec. 10.
 Drum or cylinder of paper-making and like machines, Reticulate. R. J. Thomas. 1,988,402; Jan. 15.
 Drum, Power-operated collapsible. T. H. Williams. 1,987,566; Jan. 8.
 Drum scale. E. J. von Pein and E. A. Reussenzehn. 2,013,592; Sept. 3.
 Drum scale, Low. E. J. von Pein. 1,993,577; Mar. 5.
 Drum switch. A. Horowitz. 1,996,244; Apr. 2.
 Drum, Tire building. A. E. Benson. 2,002,687; May 28.
 Drum tumbler used in mixing paint, Cylindrical. A. C. Schmöhl. 2,004,222; June 11.
 Drum weir. T. Becher. 1,999,582; Apr. 30.
 Drum weir. T. Becher. 2,014,548; Sept. 17.
 Drum weir. D. J. McCormack. 2,012,671; Aug. 27.

- Drum, Welded porter. L. G. Haller. 2,025,049; Dec. 24.
 Drum winding apparatus for threads. R. W. Moncreiff and E. L. Greenwood. 2,019,623; Nov. 5.
 Drums, Apparatus for welding. A. F. Hull and W. P. Johnson. 2,010,155; Aug. 6.
 Drums or container or storage tank for oil or other liquids. T. D. Owings. 2,018,316; Oct. 22.
 Dry bowl pipe. C. E. Holland. 2,008,614; July 16.
 Dry cell. H. R. C. Anthony. 1,991,132; Feb. 12.
 Dry cell. P. Corigliano. 2,000,510; May 7.
 Dry cell. C. T. Fleckenstein and T. H. Byrne. 2,025,028; Dec. 24.
 Dry cell. L. E. Girard. 2,016,108; Oct. 1.
 Dry cell and seal therefor. C. P. Deibel. 2,015,379; Sept. 24.
 Dry cell battery. F. A. Adamski. 2,025,631; Dec. 24.
 Dry cleaning machine. E. E. Follin and V. Voorhees. 1,990,984; Feb. 12.
 Dry materials, Apparatus for the separation of. J. N. Steinmetzer. 2,006,119; June 25.
 Dry pipe valve. W. K. Hodgman, Jr. 2,016,547; Oct. 8.
 Dry pipe valve, Quick-trip. J. K. Clontz. 2,022,586; Nov. 26.
 Drying apparatus. G. E. Barozzi. 2,002,170; May 21.
 Drying apparatus. A. W. Ferre. 2,005,580; June 18.
 Drying apparatus. W. L. Laib. 1,991,222; Feb. 12.
 Drying apparatus. W. L. Martin. 1,994,039; Mar. 12.
 Drying apparatus. E. D. Purkett. 2,026,189; Dec. 31.
 Drying apparatus. R. R. Snow. 2,016,125; Oct. 1.
 Drying apparatus. F. Stebler. 1,991,710; Feb. 19.
 Drying apparatus. H. S. Wood. 2,020,392; Nov. 12.
 Drying apparatus, Suspension. E. Wenzel. 1,987,250; Jan. 8.
 Drying control. A. E. Krick. 1,997,826; Apr. 16.
 Drying frame for drying gelatin and other material. T. B. Downey. 1,986,716; Jan. 1.
 Drying machine, Centrifugal. A. F. Howe. 2,022,114; Nov. 26.
 Drying means for garment presses and the like. H. G. Sutton. 1,988,635; Jan. 22.
 Drying method and apparatus. J. J. Fenby. 2,022,761; Dec. 3.
 Drying, Method of. J. Bruggeman. 1,999,585; Apr. 30.
 Drying plant and method of drying. F. I. E. Stenfors. 1,995,690; Mar. 26.
 Drying substances. J. Blanchod. 1,989,541; Jan. 29.
 Drying varnished surfaces. J. J. Brophy. 2,020,296; Nov. 12.
 Dual-fed mill. D. Cole. 1,986,103; Jan. 1.
 Dual wheel. R. D. Acton. 1,999,028; Apr. 23.
 Duct. H. J. L. Frank and W. A. Harper. 2,018,846; Oct. 29.
 Dumb-bell. J. M. Postl. 1,991,520; Feb. 19.
 Dump body. A. Suvorov. 2,014,121; Sept. 10.
 Dump body for vehicles. C. P. Galanot. 1,995,387; Mar. 26.
 Dumping apparatus. J. H. Slocum. 2,013,863; Sept. 10.
 Dumping apparatus for oil wells. L. E. Harrington. 2,002,112; May 21.
 Dumping body, Three way. E. R. Barrett. 1,993,203; Mar. 5.
 Dumping receptacle. G. O. Harm. 2,019,450; Oct. 29.
 Duo-signaling system. W. S. Barden and W. van B. Roberts. 2,017,886; Oct. 22.
 Duplex case. W. T. Parkin. 2,019,235; Oct. 29.
 Duplex centrifugal separator. S. C. Lindberg. 1,997,971; Apr. 16.
 Duplex fastener. E. R. Greenwood. 1,999,633; Apr. 30.
 Duplex stand. G. Abitsch. 2,001,646; May 14.
 Duplex steam engine. M. W. Dole. 1,987,003; Jan. 8.
 Duplicate bridge table. F. de Costa. 1,991,015; Feb. 12.
 Duplicate cribbage board. T. S. Ford. 1,993,322; Mar. 5.
 Duplicating, accounting machine. H. Landsiedel. 2,007,829; July 9.
 Duplicating apparatus. J. W. Hernlund. 2,026,089; Dec. 31.
 Duplicating apparatus. H. Kastriner. 1,993,611; Mar. 5.
 Duplicating apparatus. W. Ritzerfeld. 2,003,469; June 4.
 Duplicating apparatus. W. Ritzerfeld. 2,012,619; Aug. 27.
 Duplicating attachment for typewriters. N. V. Cargill and J. J. Medlock. 2,010,137; Aug. 6.
 Duplicating form and arrangement for its production. P. J. E. Glogaud. 1,993,440; Mar. 5.
 Duplicating machine. C. E. Boutwell. 2,016,166; Oct. 1.
 Duplicating machine. E. J. Brasseur. 1,987,923; Jan. 15.
 Duplicating machine. F. Chesley. 2,006,067; June 25.
 Duplicating machine. J. E. Euth. 1,990,276; Feb. 5.
 Duplicating machine. J. E. Euth. 2,014,884; Sept. 17.
 Duplicating machine. J. J. Flanagan. 1,988,272; Jan. 15.
 Duplicating machine. J. J. Flanagan. 1,992,417-18; Feb. 26.
 Duplicating machine. J. J. Flanagan. 2,021,409; Nov. 19.
 Duplicating machine. J. W. Hernlund and H. Jagger. 2,019,702-3; Nov. 5.
 Duplicating machine. A. Marchev. 1,993,557; Mar. 5.
 Duplicating machine. A. Marchev and J. W. Hernlund. 1,993,558-9; Mar. 5.
 Duplicating machine. A. Marchev and J. W. Hernlund. 2,007,473; July 9.
 Duplicating machine. A. Marchev and J. W. Hernlund. 2,009,972; July 30.
 Duplicating machine. I. M. Newgard. 2,013,832; Sept. 10.
 Duplicating machine. W. Ritzerfeld. 1,996,709; Apr. 2.
 Duplicating machine. E. L. Wall. 1,997,892; Apr. 16.
 Duplicating machine. E. L. Wall. 2,007,231; July 9.
 Duplicating machine and method. L. Jensen. 2,025,414; Dec. 24.
 Duplicating machine, Stencil type. C. N. Johnson and K. W. Carr. 1,986,205; Jan. 1.
 Duplicating machines, Automatic carriage control for. E. L. Wall. 2,007,232; July 9.
 Duplicating machines, Master sheet laying device for. J. W. Hernlund and M. G. Stewart. 2,007,247; July 9.
 Duplicating mechanism. H. Jagger and J. W. Hernlund. 1,996,578; Apr. 2.
 Duplicating tool. S. L. Cook. 1,991,051; Feb. 12.
 Duplicator. C. H. Bradd. 2,011,708; Aug. 20.
 Duplicator. J. J. Flanagan. 2,011,713; Aug. 20.
 Duplicator. J. H. Hauf. 1,987,622; Jan. 15.
 Duplicator. A. Marchev. 1,996,583; Apr. 2.
 Duplicator. A. Marchev. 2,012,105; Aug. 20.
 Duplicator. F. W. Storck. 1,993,699; Mar. 5.
 Duplicator. L. W. Wagner. 1,996,445; Apr. 2.
 Duplicator fluid. P. A. Shillenn. 1,996,125; Apr. 2.
 Duplicator, Rotary. J. K. Duncan and C. N. Johnson. 1,989,793; Feb. 5.
 Duplicator, Rotary. C. N. Johnson and A. Marchev. 1,993,556; Mar. 5.
 Duplicator, Rotary. L. Kluitman. 2,002,321; May 21.
 Dust and buff from machines or appliances for cutting paper and other fibrous materials, Arresting. T. H. Grozier. 1,986,726; Jan. 1.
 Dust applicator. J. A. Johnson and W. E. McVay. 2,018,525; Oct. 22.
 Dust arrester. C. B. Schneible. 2,014,298; Sept. 10.
 Dust arrester bag. R. Ruemelin. 2,010,898; Aug. 13.
 Dust cloth holder. J. M. Oberti. 1,998,634; Apr. 23.
 Dust collector. F. H. Wagner. 2,005,305; June 18.
 Dust collector for abrading tools. F. C. Montuori. 2,006,108; June 25.
 Dust collector for air-method cleaners. D. B. Replogle and H. E. Queen. 2,017,771; Oct. 15.
 Dust collector for dust mops. C. E. Anderson. 2,014,098; Sept. 10.
 Dust collector for vacuum cleaners. T. P. Calhoun. 2,007,518; July 9.
 Dust eliminator vacuum cleaner bag emptying device. A. L. Barnsby. 1,995,830; Mar. 26.
 Dust extraction apparatus. E. Coffin and F. F. Ruau. 2,000,662; May 7.
 Dust fixative. F. M. Archibald. 1,995,598; Mar. 26.
 Dust from air, Device for removing. H. W. Knowlton. 2,009,140; July 23.
 Dust, Handling furnace flue. L. C. Edgar and E. E. Brosius. 2,009,251; July 23.
 Dust pan and container, Combined. T. Glen, Jr. 1,990,026; Feb. 5.
 Dust prevention in rock drills. E. M. Mitchell. 2,009,066; July 23.
 Dustproof carry bag. G. W. Poppe. 2,007,661; July 9.
 Dust separating apparatus. J. C. Smith. 1,993,337; Feb. 12.
 Dust to a furnace, Process and apparatus for returning flue. E. G. Bailey and R. M. Hardgrove. 2,024,197; Dec. 17.
 Duster, Plant. A. G. Suedlow and C. C. Wolford. 2,014,789; Sept. 17.
 Dusting apparatus. J. D. Althouse and J. L. Carter. 1,987,656; Jan. 15.
 Dusting attachment for printing presses known as an off-set machine. J. R. Dawley and D. L. Cregar. 1,986,047; Jan. 1.
 Dustless dress receptacle. A. H. Levy. 1,989,142; Jan. 29.
 Dye, Acid. W. Lange. 2,010,921; Aug. 13.
 Dye and its preparation, Azo. M. A. Dahlen. 2,025,094; Dec. 24.
 Dye and its preparation, Azo. M. A. Dahlen and J. E. Cole. 2,015,743; Oct. 1.
 Dye and its preparation, Azo. R. F. Goldstein. 2,009,397; July 30.
 Dye and its preparation, Azo. H. Jordan and C. K. Black. 1,998,507; Apr. 23.
 Dye and its preparation, Azo. M. Mendoza. 2,021,917; Nov. 26.
 Dye and its preparation, Azo. C. Paine. 2,014,450; Sept. 17.
 Dye and its preparation, Azo. C. Paine. 2,018,764; Oct. 29.
 Dye and its preparation, Azo. F. H. Smith and C. K. Black. 2,018,234; Oct. 22.
 Dye and its preparation, Disazo. H. Jordan. 1,991,505; Feb. 19.
 Dye and its production, Azo. R. F. Goldstein and F. E. Milsom. 2,014,434; Sept. 17.
 Dye and its production, Soluble orthohydroxy azo. M. Raack. 2,019,830; Nov. 5.
 Dye and preparing it, Neothiazolocarboyanine. L. G. S. Brooker. 1,994,562; Mar. 19.
 Dye and preparing it, Thiazolocarboyanine. L. G. S. Brooker. 1,994,563; Mar. 19.
 Dye and producing the same, Polyazo. E. A. Markush. 2,014,143; Sept. 10.
 Dye, Azo. R. F. Goldstein. 2,014,433; Sept. 17.
 Dye, Azo. W. Lange. 2,022,243; Nov. 26.
 Dye compositions and application thereof, Vat. H. A. Lubs and J. E. Cole. 2,024,975; Dec. 17.

- Dye holder and applicator. H. Meyer. 2,017,567; Oct. 15.
 Dye producing composition. E. A. Markush. 1,986,276; Jan. 1.
 Dye, Rhodamine. O. Allemann. 1,991,482; Feb. 19.
 Dye swab and comb combination. L. B. Rever. 2,000,790; May 7.
 Dyeing. P. Bolen. 2,020,496; Nov. 12.
 Dyeing. R. G. Clarkson and F. W. Johnson. 2,021,932; Nov. 26.
 Dyeing. R. Lantz. 2,002,406; May 21.
 Dyeing apparatus. G. W. Steiger. 1,988,364; Jan. 15.
 Dyeing composition. E. A. Markush. 2,005,347; June 18.
 Dyeing or otherwise coloring of materials made of or containing cellulose esters and ethers. G. H. Ellis and H. C. Olpin. 1,986,883; Jan. 8.
 Dyeing process. M. Mendoza and W. A. Sexton. 2,008,766; July 23.
 Dyeing process for solidified drying oils. V. R. Pallas. 1,999,170; Apr. 23.
 Dyeing qualities of artificial filaments. Equalizing the. R. Elssner and R. H. Carter. 1,992,897; Feb. 26.
 Dyeing, washing, and like apparatus. A. E. Thorley. 1,995,405; Mar. 26.
 Dyeing with azo dyes and cellulosic material dyed therewith. W. G. Reid. 2,023,614; Dec. 10.
 Dyeings on wool, Discharging. R. Haller. 2,024,038; Dec. 10.
 Dyes and making them, Water-insoluble azo. H. Ohlendorf. 2,016,944; Oct. 8.
 Dyes and their preparation. Azo. S. Coffey and W. A. Sexton. 2,012,991; Sept. 3.
 Dyes and their preparation. Azo. M. A. Dahlen. 2,001,526; May 14.
 Dyes and their preparation. Azo. E. F. Hitch, M. A. Dahlen, and M. E. Friedrich. 2,023,590-1; Dec. 10.
 Dyes and their preparation. Azo. H. A. Lubs, E. F. Hitch, and M. A. Dahlen. 2,025,117; Dec. 24.
 Dyes and their preparation. Azo. F. Zwillgmeyer. 2,013,723; Sept. 10.
 Dyes and their production. Direct developed azo. E. F. Grether and G. H. Coleman. 2,000,889; May 7.
 Dyes and their production. Monoazo. H. Jordan and M. A. Dahlen. 2,024,368; Dec. 17.
 Dyes. Azo. W. S. Calcott, F. H. Smith, and G. Barnhart. 1,992,185; Feb. 26.
 Dyes, Brown disazo. F. H. Smith. 2,022,606; Nov. 26.
 Dyes. Manufacture of thioindigo. H. A. Lubs and J. E. Cole. 2,000,033; May 7.
 Dyes. Oil-soluble azo. R. B. Payne. 1,986,116; Jan. 1.
 Dyes. Ortho-hydroxyazo. W. Benade. 2,001,010; May 14.
 Dyestuff and intermediate of the pyrene-quinone and perylene-quinone series. Vat. R. N. Lulek and M. A. Perkins. 1,991,687; Feb. 19.
 Dyestuff and its production. Azo. N. H. Haddock and C. Paine. 2,012,994; Sept. 3.
 Dyestuff and its production. Azo. M. A. Kunz, H. Krzikalla, and W. Limbacher. 1,995,928; Mar. 26.
 Dyestuff and making same. Chromiferous. F. Straub and H. Schneider. 1,989,568-70; Jan. 29.
 Dyestuff and making same. Chromiferous azo. F. Straub and H. Schneider. 1,993,462; Mar. 5.
 Dyestuff and making same. Fluoranthene. R. Sedlmayr and E. Kruta. 2,002,130; May 21.
 Dyestuff and making same. Metaliferous. F. Straub and H. Mayer. 1,994,116; Mar. 12.
 Dyestuff, Anthraquinone-acridone. W. Smith, J. Primrose, and J. Thomas. 2,008,157; July 16.
 Dyestuff, Anthraquinone acridone vat. I. Gubelmann, R. J. Goodrich, and W. Dettwyler. 2,001,419; May 14.
 Dyestuff. Asymmetrical thioindigoid. E. Stücklin. 1,990,010; Feb. 5.
 Dyestuff. Azo. J. Haller. 2,000,133; May 7.
 Dyestuff containing a benzanthrone nucleus, Water insoluble azo. G. Schrader. 2,005,848; June 25.
 Dyestuff images. Producing photographic. B. Gaspar. 2,004,625; June 11.
 Dyestuff, Indigoid. E. Stoecklin, H. Veraguth, and F. Grieshaber. 1,990,256; Feb. 5.
 Dyestuff of the anthraquinone acridone series. Vat. R. Berliner. 1,994,033; Mar. 12.
 Dyestuff of the anthraquinone series. J. Deinert. 2,019,846; Nov. 5.
 Dyestuff of the anthraquinone series and preparing it. Acid. G. Kränzlein and E. Diefenbach. 1,998,546; Apr. 23.
 Dyestuff of the benzan thronylaminoanthraquinone series, and making same. Halogenated vat. E. Honold and R. Müller. 2,022,240; Nov. 26.
 Dyestuff of the 1,2-benzanthraquinone series. Vat. H. Neresheimer, W. Eichholz, and G. Boehner. 1,989,493; Jan. 29.
 Dyestuff of the quinophthalene series of good fastness to light. G. Kränzlein, H. Schlichenmaier, and L. Schörning. 2,006,022; June 25.
 Dyestuff preparation for printing cotton, Vat and sulphur. H. Berthold. 2,004,458; June 11.
 Dyestuff preparation. Vat and sulphur. H. Berthold. 1,990,854; Feb. 12.
 Dyestuff preparations for textile printing. Vat and sulphur. H. Berthold and E. Albrecht. 1,989,784; Feb. 5.
 Dyestuff printing paste. H. Berthold. 2,024,502; Dec. 17.
 Dyestuff printing paste. Vat. P. H. Stott and E. E. Beard. 2,022,748; Dec. 3.
 Dyestuff salt containing heavy metals in complex combination in the acid component. K. Holzach and F. Lange. 1,994,709; Mar. 19.
 Dyestuff, Water-insoluble azo. W. Kirst and M. Kerth. 1,992,917; Feb. 26.
 Dyestuffs and fiber dyed therewith, Water-insoluble mono-azo. L. Laska, A. Zitscher, E. Fischer, and W. Lamberz. 1,995,932-3; Mar. 26.
 Dyestuffs and making same, Black dyeing sulphur. H. Bots and E. Dür. 2,012,094; Aug. 20.
 Dyestuffs, and making same. Chromiferous. F. Straub and Schneider. 1,990,257; Feb. 5.
 Dyestuffs and making same. Chromiferous. F. Straub and H. Schneider. 2,010,613; Aug. 6.
 Dyestuffs and making same, Green azo. W. G. Reid. 2,023,615; Dec. 10.
 Dyestuffs and making same, Water-soluble anthraquinone. A. Peter. 1,987,538; Jan. 8.
 Dyestuffs and making the same, Azo. A. H. Knight. 2,025,211; Dec. 24.
 Dyestuffs and making them, Unsymmetrical thioindigoid. J. Müller and R. Stocker. 2,007,094; July 2.
 Dyestuffs and preparing them, Anthraquinone. N. L. Haddock and F. Lodge. 2,015,011; Sept. 17.
 Dyestuffs, and their manufacture, Anthraquinone. A. Peter. 2,008,796; July 23.
 Dyestuffs and their production. Acridone dianthrimide vat. I. Gubelmann, R. J. Goodrich, and W. Dettwyler. 2,001,418; May 14.
 Dyestuffs and their production. Azo. M. A. Kunz, G. Kochendoerfer, K. Maurach, and W. Limbacher. 2,025,991; Dec. 31.
 Dyestuffs and their production, Chromatable azo. G. Kopp and P. Petitcolas. 2,024,864; Dec. 17.
 Dyestuffs and their production, Disazo. W. Scheurer and G. Niemann. 1,995,902; Mar. 26.
 Dyestuffs, Anthraquinone vat. R. J. Sobatzki and O. M. Bishop. 2,012,930; Aug. 27.
 Dyestuffs. Azo. H. Krzikalla, B. Eistert, R. Schmitt, and H. Kracker. 2,006,740; July 2.
 Dyestuffs. Azo. R. Stüsser, K. Dobmaier, and R. Storebel. 2,014,484; Sept. 17.
 Dyestuffs. Disazo. H. Krzikalla and W. Limbacher. 2,023,176; Dec. 3.
 Dyestuffs, Indigoid vat. N. Steiger and E. Albrecht. 2,021,267; Nov. 19.
 Dyestuffs, Manufacture of azo. G. Bonhôte. 2,016,737; Oct. 8.
 Dyestuffs, Manufacture of new green sulphur. E. Chapman and W. B. Waddington. 1,993,087; Mar. 5.
 Dyestuffs of the anthraquinone-acridine series and their production. Vat. E. Honold and H. Wolff. 2,014,568; Sept. 17.
 Dyestuffs of the anthraquinone series. P. Nawlasky and O. Grosskinsky. 1,987,747; Jan. 15.
 Dyestuffs of the anthraquinone series. Vat. H. Neresheimer, W. Ruppel, and A. Vilsmeier. 2,000,348; May 7.
 Dyestuffs of the anthraquinone series and producing same. Vat. P. Nawlasky and B. Stein. 2,025,546; Dec. 24.
 Dyestuffs of the anthraquinone series, Manufacture of. H. Dreyfus. 2,022,956; Dec. 3.
 Dyestuffs of the anthraquinoneacridone series. M. A. Kunz, E. Berthold, and K. Koerberle. 2,005,321; June 18.
 Dyestuffs of the anthraquinone triazine series, Preparing vat. F. Wieners. 1,994,602; Mar. 19.
 Dyestuffs of the benzanthrone series, Production of vat. H. Neresheimer. 1,994,025; Mar. 12.
 Dyestuffs of the dibenzanthrone series. M. A. Kunz and K. Koerberle. 1,994,136; Mar. 12.
 Dyestuffs of the dibenzanthrone series. A. J. Wuertz and O. M. Bishop. 2,005,574; June 18.
 Dyestuffs of the dibenzanthrone series and preparing the same. O. Stallmann. 2,005,810; June 25.
 Dyestuffs of the dibenzanthrone series, Preparation of vat. E. T. Howell. 2,022,884; Dec. 3.
 Dyestuffs of the dibenzanthrone series. Vat. H. Wolff and W. Mieg. 2,012,558; Aug. 27.
 Dyestuffs of the dibenzopyrenequinone series. Vat. M. A. Kunz, G. Kränzlein, K. Koerberle, M. Corell, E. Berthold, and H. Vollmann. 1,988,205; Jan. 15.
 Dyestuffs of the dioxazine series and preparing the same. G. Kränzlein, H. Greune, and M. Thiele. 2,026,093; Dec. 31.
 Dyestuffs of the indigo series, Halogenated. H. Ulrich and K. Saurwein. 1,997,160; Apr. 9.
 Dyestuffs of the naphthophenazine series. T. Nocken and W. Neelmeier. 2,001,975; May 21.
 Dyestuffs of the naphthoquinone series. G. H. Ellis, H. C. Olpin, and E. W. Kirk. 1,991,885; Feb. 19.
 Dyestuffs of the 1,4,5,8-naphthoylene diarylimidazole series into their components and the dyestuffs obtained thereby. Separating mixtures of isomeric vat. W. Eckert and W. Gmelin. 2,011,807; Aug. 20.
 Dyestuffs of the oxazine series. W. Schepss. 2,013,069; Sept. 3.
 Dyestuffs of the oxazine series and preparing them. G. Kränzlein, H. Greune, and W. Schultheis. 2,016,504; Oct. 8.
 Dyestuffs of the oxazine series and preparing them. G. Kränzlein, H. Greune, and M. Thiele. 2,026,092; Dec. 31.
 Dyestuffs of the oxazine series and their production. G. Kränzlein, H. Greune, and M. Thiele. 2,016,013; Oct. 1.

- Dyestuffs of the pyranthrone series and new vat dyestuffs prepared thereby, Preparing vat. G. Kränzlein, H. Vollmann, and W. Schultheis. 2,023,926; Dec. 10.
- Dyestuffs of the series triarylimethane. O. Wahl, W. and R. Ringado. 2,003,407; June 4.
- Dyestuffs of the thiazine series. R. Herz, W. Zerweck, and W. Hechtenberg. 1,996,867; Apr. 9.
- Dyestuffs, Oil soluble. J. Straus. 1,996,391; Apr. 2.
- Dyestuffs, Process and composition for applying and fixing. D. H. Powers and H. W. Stiegler. 2,008,966; July 23.
- Dyestuffs, Water-insoluble azo. E. Fischer. 2,025,582; Dec. 24.
- Dynamic speaker unit. W. A. Eilmore. 1,995,025; Mar. 19.
- Dynamite composition, Gelatin. F. F. Chapman. 1,992,189; Feb. 26.
- Dynamite composition, Low density. H. A. Lewis. 1,992,224; Feb. 26.
- Dynamo cooling means. L. A. Koch, Jr. 1,989,139; Jan. 29.
- Dynamo-electric machine. J. V. Caputo. 2,005,609; June 18.
- Dynamo-electric machine, E. Gutjahr. 2,020,258; Nov. 5.
- Dynamo-electric machine and making laminations therefor. W. P. Langworthy. 2,018,405; Oct. 22.
- Dynamo-electric machine, Fan-cooled. G. B. Whitney. 2,016,917; Oct. 8.
- Dynamometer. J. A. Carr. 2,002,977; May 28.
- Dynamometer. J. L. Taylor. 1,991,826; Feb. 19.
- Dynamometer, Transmission. M. A. Smith, Jr. 2,007,505; July 9.
- Ear-drop holder. M. E. Williams. 2,009,537; July 30.
- Ear protector. M. Margoloth. 1,988,011; Jan. 15.
- Earth and detritus through different pressure areas of tunnels, Apparatus for conveying. L. F. Parker. 1,999,420; Apr. 30.
- Earth boring apparatus. A. H. Collins. 1,992,992; Mar. 5.
- Earth boring apparatus. A. E. Englebright, F. J. Foret, and J. E. C. Currens. 1,993,365; Mar. 5.
- Earth boring device. C. E. Bannister. 2,016,068; Oct. 1.
- Earth boring drill. C. E. Reed. 1,999,131; Apr. 23.
- Earth boring drill. C. E. Reed. 2,009,299; July 23.
- Earth boring machine, Portable. J. H. Crowell. 2,016,667; Oct. 8.
- Earth boring tool. A. F. Spengler. 1,988,023; Jan. 15.
- Earth boring tool, Adjustable. F. A. Schroeder. 1,993,948; Mar. 12.
- Earth handling device. W. T. Stephens. 2,001,803; May 21.
- Earthlike material and making same. E. B. Busenburg. 1,998,432; Apr. 23.
- Earth, Milling diatomaceous. M. Stockton. 1,991,583; Feb. 19.
- Earth moving apparatus. W. Lehman. 2,023,480; Dec. 10.
- Earth moving device. R. E. Choate and W. E. Rodler. 1,987,052; Jan. 8.
- Earth moving device. R. E. Choate and W. E. Rodler. 2,011,191; Aug. 13.
- Earth-nut kernels, Treating. P. Ammann. 2,003,415; June 4.
- Earth tamper for concrete highway side forms. F. Creason. 1,986,138; Jan. 1.
- Earth working implement. J. Svatos. 2,003,871; June 4.
- Easel. H. Harrison. 1,986,432; Jan. 1.
- Easel. W. S. Kapnek. 2,007,534-5; July 9.
- Easel. E. E. Shaw and C. W. Chance. 1,989,216; Jan. 29.
- Easel back. R. L. Wright. 1,994,739; Mar. 19.
- Easel construction. H. M. Fancher. 2,003,482; June 4.
- Easel, Painters'. W. N. Lurcott. 1,994,225; Mar. 12.
- Easel, Portable folding artist's. W. E. Denny. 2,019,214; Oct. 29.
- Eating implement. J. J. Sinder. 1,991,871; Feb. 19.
- Ebonite diaphragms for electric batteries and other purposes, Manufacture of porous. S. J. Clark. 2,008,242; July 16.
- Economizer. G. P. Jackson. 2,013,309; Sept. 3.
- Economizer. J. H. Seugstaken. 2,007,309; July 9.
- Edge curling device. E. G. Seastrom. 2,017,018; Oct. 8.
- Edge finishing machine. H. T. Doulette and F. E. Hooper. 2,017,055; Oct. 15.
- Edge grinding apparatus. R. J. Louviaux. 1,997,386; Apr. 9.
- Edge grinding apparatus. R. J. Louviaux. 2,015,720; Oct. 1.
- Edge grinding machine. J. P. Crowley. 1,987,054; Jan. 8.
- Edge labeling mechanism. C. E. Ives. 1,999,360; Apr. 30.
- Edge molding apparatus. F. Paparella. 2,013,834; Sept. 10.
- Edge printer. R. S. Hopkins. 1,987,064; Jan. 8.
- Edge roll. E. R. Chatterton. 2,008,607; July 16.
- Edge supporting device. J. Martin. 2,001,882; May 21.
- Edge testing medium. R. W. Brown. 2,008,679; July 23.
- Edge trimming attachment. J. Chudner. 1,994,385; Mar. 12.
- Edger and weeder. Lawn. J. Apfel, G. Ling, and R. S. Jarrett. 2,000,460; May 7.
- Edges of flexible material, Finishing the. M. W. Tetlow. 2,007,262; July 9.
- Edges of knitted fabrics, Apparatus for binding the. H. M. Carmichael, C. C. Johnson, and S. I. Hankins. 2,011,513; Aug. 13.
- Edges of knitted fabrics, Binding the. H. M. Carmichael, C. C. Johnson, and S. I. Hankins. 2,011,512; Aug. 13.
- Edges of metal plates, Apparatus for cutting or beveling. G. K. Hull. 2,003,049; May 28.
- Edges of pile fabrics, Apparatus for binding cut. W. A. Anderson. 2,023,378; Dec. 3.
- Edges of sheet material, Method of and machine for finishing the. J. Fossa. 1,996,863; Apr. 9.
- Edges of small plates of a lining, Process and apparatus for chamfering the sharp. G. Désagnat. 2,019,398; Oct. 29.
- Edging apparatus. W. J. Robertson. 1,997,394; Apr. 9.
- Edging, Clamping. L. Clarke. 1,999,898; Apr. 30.
- Edging for rubber goods and making and applying the same. F. G. Chase. 2,012,753; Aug. 27.
- Edging machine. J. Fossa. 2,000,940; May 14.
- Edging roll for rolling mills. D. A. Lennox. 2,020,652; Nov. 12.
- Edging tool. G. O. Howard. 2,007,396; July 9.
- Edging, Upholstery. C. E. Lenz, Jr. 1,990,873; Feb. 12.
- Edible products, Method and apparatus for shaping. H. T. Bowman and J. A. Buser. 2,015,097; Sept. 24.
- Edibles, Method of and apparatus for preparing and supporting frozen. H. C. Murphy. 1,990,198; Feb. 5.
- Educational and amusement appliances. V. G. McCully. 2,025,295; Dec. 24.
- Educational appliance. B. B. Webster. 2,014,675; Sept. 17.
- Educational device. E. E. Morrison. 1,995,154; Mar. 19.
- Educational device. E. C. Whitney. 2,022,627; Nov. 26.
- Eductive unit for cleaning catch basins. R. C. Evans. 2,010,538; Aug. 6.
- Egg boiler. F. Sabini. 2,014,089; Sept. 10.
- Egg box, Collapsible automatic erection. G. A. H. Nuyts. 2,010,437; Aug. 6.
- Egg breaking machine. W. G. Young, M. Hansen, and J. F. Pollon. 1,988,030; Jan. 15.
- Egg carton filler machine. L. Benoit and E. J. Kanabay. 1,996,188; Apr. 2.
- Egg case cushion pad. R. Guyer. 2,018,954; Oct. 29.
- Egg cleaning tool. E. E. Powell. 2,009,704; July 30.
- Eggs, Clear liquid. H. Heuser. 1,989,359; Jan. 29.
- Eggs cracking machine. F. Drexel. 1,997,881; Apr. 16.
- Egg grading. R. B. Haugh. 2,007,196; July 9.
- Egg grading machine. O. A. Studley and K. R. Gilbert. 2,003,561; June 4.
- Egg handling device. J. W. Johnson. 2,011,972; Aug. 20.
- Egg inspection device. A. Schwarzkopf. 2,008,629; July 16.
- Egg package. H. M. Hitchbins. 2,000,284; May 7.
- Egg packaging device. S. Weiss. 2,001,045; May 14.
- Egg pick-up apparatus. C. K. Powell. 1,987,336; Jan. 8.
- Egg preserving. L. H. Humphrey. 1,998,543; Apr. 25.
- Egg products, Preparation of. N. C. Fischer. 1,996,800-1; Apr. 9.
- Egg quality, Method and apparatus for testing. R. R. Haugh. 2,007,195; July 9.
- Egg separator. J. A. Muzzio. 2,000,472; May 7.
- Egg separator. S. Weldon. 2,018,162; Oct. 22.
- Egg testing and grading machine. J. McHenry. 2,020,511; Nov. 12.
- Egg tray rack. E. T. Brace. 2,019,949; Nov. 5.
- Egg, Treating. M. E. Pennington and A. W. Thomas. 1,996,171; Apr. 2.
- Egg treating machine. W. G. Howard. 1,988,795; Jan. 22.
- Egg weigher. W. F. Neuhaus. 2,016,789; Oct. 8.
- Egg whites, Producing dried. A. K. Epstein, B. W. Harris, M. C. Reynolds, and W. M. Sternberg. 2,006,799; July 2.
- Egg yolks, Testing color of. R. R. Haugh. 2,004,943; June 18.
- Eggs, Apparatus for the preservation of. P. Dostal. 2,023,725; Dec. 10.
- Eggs, Determining the solids content of. W. H. Atkinson. 1,994,264; Mar. 12.
- Eggs, Freezing. M. E. Pennington. 2,013,896; Sept. 10.
- Eggs, fruit, or the like, Device for lifting. A. W. Minto. 1,995,619; Mar. 26.
- Eggs, Storage of. H. W. Vahlteich and J. I. Schille. 1,992,263; Feb. 26.
- Eggs, Treating. W. L. Lomax. 1,991,164; Feb. 12.
- Ejector. J. O. Fink. 2,004,277; June 11.
- Ejector control equipment. H. M. Graham. 1,993,478; Mar. 5.
- Ejector for collapsible tubes. W. Whiteman. 1,987,428; Jan. 8.
- Ejector for saturators. C. E. Underwood. 2,002,557; May 28.
- Ejector, Internal. C. G. Hawley. 2,013,607; Sept. 3.
- Ejector, Saliva. A. M. La Riche. 2,005,625; June 18.
- Elastic article applying device. D. T. Hinchey. 1,996,377; Apr. 2.
- Elastic collars enclosing rotating shafts, Manufacturing. H. O. Lindgren. 2,011,180; Aug. 13.
- Elastic coupling. D. A. Carpenter. 2,000,217; May 7.
- Elastic fabric. J. T. Callahan. 1,995,734; Mar. 26.
- Elastic fabric. D. M. Clark. 2,016,168; Oct. 1.
- Elastic fabric. W. Eustis. 2,021,352; Nov. 19.
- Elastic fabric. T. F. Moore. 1,990,836; Feb. 12.
- Elastic fluid generator. L. A. Sheldon. 2,011,423; Aug. 13.

- Elastic material. J. O. Van Gilder. 1,989,895; Feb. 5.
Elastic material and making the same, Plastic. S. D. Shinkle. 2,016,026; Oct. 1.
Elastic material, Crinkling or puckering. J. J. Galligan and W. J. Robinson. 2,022,852; Dec. 3.
Elastic tape mount. H. F. Goldsmith. 2,013,146; Sept. 3.
Elasticity, particularly of photo-elasticity, Process and device for the application of. G. Mabboux. 2,014,688; Sept. 17.
Electric accumulator. K. W. J. Hjelmlblad. 2,025,452; Dec. 24.
Electric and friction brake, Combined. G. W. Baughman. 2,012,748; Aug. 27.
Electric and other imitation fire. A. E. Newton. 1,992,540; Feb. 26.
Electric apparatus. R. E. Park, Jr. 2,004,616; June 11.
Electric arc cutting machine. K. Strobel. 2,007,225; July 9.
Electric arc lights, Changing the condition and the actinic qualities of open. W. Mathiesen. 2,009,555; July 30.
Electric brake. V. G. Apple. 1,989,672; Feb. 5.
Electric call and alarm system. R. M. Hopkins and P. M. Farmer. 2,010,233; Aug. 6.
Electric cell. M. L. Martus and E. H. Becker. 2,018,563; Oct. 22.
Electric cell testing tool. J. A. Logan. 2,022,919; Dec. 3.
Electric change-over for moving picture machine shutters, Automatic. C. E. Hall. 2,021,181; Nov. 19.
Electric circuit breaker. H. H. Knowles. 1,995,126; Mar. 19.
Electric circuit controller. W. M. Scott. 1,998,254; Apr. 16.
Electric-circuit resistance-sensitive apparatus. C. G. Suitts. 2,021,752; Nov. 19.
Electric clock motor. L. Hammond. 2,003,116; May 28.
Electric compensator, Binaural. R. B. Colton and H. C. Mabbott. 2,000,924; May 14.
Electric condenser. K. Beer and G. Pfrommer. 2,004,647; June 11.
Electric condenser. K. F. Rodgers. 1,996,123; Apr. 2.
Electric condenser, High-potential. W. Voigtmann. 2,006,817; July 2.
Electric connector. J. O. Cadieux. 1,994,882; Mar. 19.
Electric connector. C. M. Green. 1,991,350; Feb. 12.
Electric connector. P. M. Komm, F. Thomas, J. Madill, and O. A. Pearson. 2,011,178; Aug. 13.
Electric connector. R. F. Sambleton. 2,025,550; Dec. 24.
Electric connector plug. H. L. Strongson. 2,002,302; May 21.
Electric contact. K. G. Soderberg. 2,013,868; Sept. 10.
Electric control apparatus for fuel burners. A. L. Rubel. 2,022,826; Dec. 3.
Electric control means. C. Frohmer. 2,002,369; May 21.
Electric control system. E. N. Halliday. 2,006,213; June 25.
Electric control system. T. J. Smulski. 2,006,658; July 2.
Electric control system. A. J. Sorensen. 1,987,758; Jan. 15.
Electric control system, Supervisory. F. F. Ambuhl and W. F. Sutherland. 1,996,268; Apr. 2.
Electric controlling apparatus. R. L. Jewell. 1,991,940; Feb. 19.
Electric controlling apparatus. F. G. Logan. 1,986,112; Jan. 1.
Electric controlling apparatus. F. G. Logan. 2,003,945; June 4.
Electric converter. W. F. Cotter and M. E. Bond. 2,013,878; Sept. 10.
Electric cooking apparatus. L. J. Berkeley. 2,025,085; Dec. 24.
Electric cord connector. L. Ludwig. 2,015,276; Sept. 24.
Electric cord plug. P. B. Boone. 2,020,015; Nov. 5.
Electric device. C. Bol and A. Linnemans. 2,020,718; Nov. 12.
Electric device and dielectric material therefor. F. M. Clark. 2,007,792; July 9.
Electric device, Base and based. E. C. Brueckmann. 1,989,786; Feb. 5.
Electric discharge apparatus. E. G. Bangratz. 2,008,675; July 23.
Electric discharge apparatus. J. W. Dawson. 2,008,413; July 16.
Electric discharge apparatus. J. W. Dawson. 2,021,888; Nov. 26.
Electric discharge apparatus. G. Dobke. 2,025,578; Dec. 24.
Electric discharge apparatus. A. Glaser. 1,995,176; Mar. 19.
Electric discharge apparatus. W. Uytendhoeven. 2,001,509; May 14.
Electric discharge apparatus. W. C. White. 1,997,478; Apr. 9.
Electric discharge arc lamp, Gaseous. M. Pirani and A. Rüttenauer. 2,020,737; Nov. 12.
Electric discharge device. F. Abshagen. 2,009,215; July 23.
Electric discharge device. T. E. Foulke. 1,990,174; Feb. 5.
Electric discharge device. W. M. Goodall. 1,998,837; Apr. 23.
Electric discharge device. E. Lübcke. 2,007,542; July 9.
Electric discharge device. G. F. Murphy and H. C. Steiner. 2,016,904; Oct. 8.
Electric discharge device. G. H. Rockwood, Jr., and W. B. Lodge. 1,998,884; Apr. 23.
Electric discharge device. H. Schumacher and H. Zodtner. 2,021,750; Nov. 19.
Electric discharge device. R. M. Sherrill. 1,987,754; Jan. 15.
Electric discharge device. W. F. Westendorp. 2,002,381; May 21.
Electric discharge device and operating same. L. J. Buttolph. 2,001,519; May 14.
Electric discharge device, Gaseous. H. Baumbauer and K. Wiegand. 2,009,218; July 23.
Electric discharge device, Gaseous. C. Bol. 2,001,516; May 14.
Electric discharge device, Gaseous. C. Bol and E. G. Dorgelo. 2,004,565; June 11.
Electric discharge device, Gaseous. J. Bruijnes, P. Schouwstra, and V. van Engel. 2,009,221; July 23.
Electric discharge device, Gaseous. W. de Groot and M. H. Druyvesteyn. 2,001,528; May 14.
Electric discharge device, Gaseous. M. J. Druyvesteyn. 2,010,852; Aug. 13.
Electric discharge device, Gaseous. H. Ewest and A. Rüttenauer. 1,994,306; Mar. 12.
Electric discharge device, Gaseous. G. Gaidies. 2,001,490; May 14.
Electric discharge device, Gaseous. G. Gaidies and R. Rompe. 2,009,227; July 23.
Electric discharge device, Gaseous. P. Herre. 1,994,312; Mar. 12.
Electric discharge device, Gaseous. H. A. W. Klinkhamer, A. deBruin, and F. H. A. van Stekelenburg. 2,020,786; Nov. 12.
Electric discharge device, Gaseous. H. Lems. 2,004,578; June 11.
Electric discharge device, Gaseous. J. P. M. Mutsaers. 2,010,879; Aug. 13.
Electric discharge device, Gaseous. M. Pirani, H. Ewest, and G. Gaidies. 2,004,585; June 11.
Electric discharge device, Gaseous. M. Pirani and K. Nitschke. 2,009,201; July 23.
Electric discharge device, Gaseous. M. Pirani and H. Krefft. 2,009,202; July 23.
Electric discharge device, Gaseous. A. Rüttenauer and O. Fritze. 2,001,501; May 14.
Electric discharge device, Gaseous. J. A. St. Louis. 2,009,211; July 23.
Electric discharge device, Gaseous. K. Wiegand. 2,009,214; July 23.
Electric discharge device, Operating. H. E. Hollmann. 1,994,219; Mar. 12.
Electric discharge device system. G. W. Garman. 2,000,530; May 14.
Electric discharge devices, Method of and apparatus for starting. L. J. Buttolph. 2,001,517; May 14.
Electric discharge lamp. C. H. Braselton. 2,007,923; July 9.
Electric discharge lamp. C. H. Braselton. 2,025,023; Dec. 17.
Electric discharge lamp. G. F. Brett. 1,999,649; Apr. 30.
Electric discharge lamp device, Gaseous. C. Bol. 2,009,220; July 23.
Electric discharge lamp device, Gaseous. E. G. Dorgelo. 2,010,849; Aug. 13.
Electric discharge tube. J. Bruijnes. 1,994,301; Mar. 12.
Electric discharge tube. J. G. W. Mulder. 2,011,981; Aug. 20.
Electric discharge tube. E. Oosterhuis. 2,011,008; Aug. 13.
Electric discharge tube. J. W. Ryde. 2,002,837; May 28.
Electric discharge tube. A. Salomon. 1,992,888; Feb. 26.
Electric discharge tube. K. M. van Gessel. 1,989,954; Feb. 5.
Electric discharge tube. G. Zecher and J. Bruijnes. 2,202,716; Nov. 12.
Electric discharge tube, High potential. C. C. Lauritsen. 1,995,478; Mar. 26.
Electric display board for systems of power distribution, Dispatchers. T. U. White. 2,010,338; Aug. 6.
Electric display board for systems of power distribution, Dispatchers. T. U. White. 2,024,712; Dec. 17.
Electric display device. E. R. Comer. 1,986,251; Jan. 1.
Electric drier. O. R. Schurig. 2,041,211; Sept. 10.
Electric drink mixer. V. A. Partz. 2,008,223; July 16.
Electric drive for looms weaving machines, and the like. F. Philly. 2,005,663; June 18.
Electric dry cell. J. R. Cullen. 1,995,294; Mar. 26.
Electric equipment, Automotive. L. A. Koch, Jr. 1,988,429; Jan. 15.
Electric filter. G. W. Pierce. 1,997,599; Apr. 16.
Electric fish stop. D. H. Loughbridge. 2,010,601; Aug. 6.
Electric fish wire, Apparatus for making. J. T. Scott. 2,022,257; Nov. 26.
Electric fittings. E. A. Casey. 1,997,627; Apr. 16.
Electric fixture. E. Novy. 2,023,283; Dec. 3.
Electric flasher. W. Huppert. 2,006,395; July 2.
Electric flasher. L. Ludwig. 2,001,580; May 14.
Electric flow meter. R. E. Wolf. 2,018,431; Oct. 22.
Electric fluid heater. R. A. Carleton. 2,004,976; June 18.
Electric furnace. G. E. Blagg. 1,992,465; Feb. 26.
Electric furnace. J. Ferguson. 2,000,278; May 7.
Electric furnace. T. H. Forde. 2,015,926; Oct. 1.
Electric furnace. E. Hediger. 2,013,755; Sept. 10.
Electric furnace. A. H. Heyroth and J. I. Miller. 2,007,605; July 9.

- Electric furnace. A. G. Lobley. 1,996,680; Apr. 2.
 Electric furnace. W. E. Moore. 2,006,685; July 2.
 Electric furnace. J. C. Woodson. 2,024,714; Dec. 17.
 Electric furnace, Muffle inductor. E. F. Northrup. 1,997,741; Apr. 16.
 Electric gauge. H. P. Thomas. 2,016,978; Oct. 8.
 Electric generating set, Emergency. J. P. Bryan. 1,998,655-6; Apr. 23.
 Electric generating system. H. F. Carpenter. 1,998,443; Apr. 23.
 Electric generator. L. Beeh. 1,996,947; Apr. 9.
 Electric glow-discharge vessel. E. Koch. 1,998,371; Apr. 16.
 Electric grounding apparatus for motor tank trucks. C. B. King. 1,999,414; Apr. 30.
 Electric head and column clamp. Coordinated. D. C. Klausmeyer and A. M. Sosa. 1,992,311; Feb. 26.
 Electric heater. C. C. Abbott. 2,009,979; July 30.
 Electric heater. C. C. Abbott. 2,026,412; Dec. 31.
 Electric heater. J. F. Ball. 2,022,453; Nov. 26.
 Electric heater. R. Causse. 1,998,308; Apr. 16.
 Electric heater. L. M. Daly. 2,003,175-6; May 28.
 Electric heater. G. Doherty. 1,990,640; Feb. 12.
 Electric heater. W. L. Evans. 1,995,673; Mar. 26.
 Electric heater. G. Fredrickson. 2,003,855; June 4.
 Electric heater. R. R. Goshorn and E. C. Booth. 1,998,670; Apr. 23.
 Electric heater. L. P. Hynes. 1,991,280; Feb. 12.
 Electric heater. L. P. Hynes. 1,997,146; Apr. 9.
 Electric heater. R. A. F. Jackson and A. V. Wilson. 2,000,640; May 7.
 Electric heater. C. W. Logan. 1,986,350; Jan. 1.
 Electric heater. L. Nicholson and W. Needham. 1,998,330; Apr. 16.
 Electric heater. J. H. Payne. 2,022,518; Nov. 26.
 Electric heater. E. W. Phillips. 2,002,714; May 28.
 Electric heater. R. F. Schneider. 1,991,422; Feb. 19.
 Electric heater. R. J. Sutton. 1,992,787; Feb. 26.
 Electric heater. W. O. Twombly. 1,987,331; Jan. 8.
 Electric heater. P. Trombetta and G. W. Knight. 1,992,588; Feb. 26.
 Electric heater, Portable. G. A. Johnson. 2,003,714; June 4.
 Electric heating. J. G. Dougherty. 2,000,438; May 7.
 Electric heating. R. H. Park. 2,012,618; Aug. 27.
 Electric heating and welding. W. E. Crawford. 2,020,276; Nov. 5.
 Electric heating device. D. T. Boyd and J. R. Wohrley. 2,008,541; July 16.
 Electric heating pad. W. W. De Laney and W. R. Weeks. 2,018,512; Oct. 22.
 Electric heating resistor and mounting therefor. N. R. Stansel. 2,020,127; Nov. 5.
 Electric heating unit for food cookers. S. Sauvage. 2,007,877; July 9.
 Electric hot plate. F. Jordan and P. Schneider. 1,998,764; Apr. 23.
 Electric illumination. K. F. J. Kirsten. 1,995,512; Mar. 26.
 Electric impulse relay and circuit. R. Harding, Jr. 2,007,940; July 9.
 Electric incandescent lamp. M. R. Andrews. 2,019,331; Oct. 29.
 Electric incandescent lamp. O. Recher. 2,008,594; July 16.
 Electric indicating and recording instrument. W. F. Skeats. 1,992,780; Feb. 26.
 Electric indicating instrument. T. J. Smulski. 2,022,441; Nov. 26.
 Electric installation, Multiple. M. J. De Mask. 1,992,816; Feb. 26.
 Electric iron stand. W. Edelman. 1,998,227; Apr. 16.
 Electric lamp. E. Friederich. 1,998,959; Apr. 23.
 Electric lamp. E. Friederich. 2,020,055; Nov. 5.
 Electric lamp. G. E. Inman. 2,017,719; Oct. 15.
 Electric lamp. A. E. MacFarland. 2,015,037; Sept. 17.
 Electric lamp. G. F. Priedaux. 1,995,863; Mar. 26.
 Electric lamp. B. S. Rood and G. B. Honeywell. 2,014,054; Sept. 10.
 Electric lamp. S. Ruben. 2,022,219; Nov. 26.
 Electric lamp. C. G. Smith. 2,015,324; Sept. 24.
 Electric lamp. H. F. Teichmann. 2,018,330; Oct. 22.
 Electric lamp. A. A. Thomas. 1,997,781; Apr. 16.
 Electric lamp. I. H. Van Horn. 2,021,758; Nov. 19.
 Electric lamp. E. M. Watson. 1,987,427; Jan. 8.
 Electric lamp bracket. H. W. Paull. 2,023,541; Dec. 10.
 Electric lamp, Gas filled. F. Rother. 2,018,974; Oct. 29.
 Electric lamp holder. E. Clemence. 2,018,836; Oct. 29.
 Electric lamp, Incandescent. M. C. Perrin and J. E. Vinzant. 1,997,975; Apr. 16.
 Electric lamp, Portable. J. W. Akers. 2,001,406; May 14.
 Electric lamp, Short wave length. C. H. Braselton. 2,007,920; July 9.
 Electric light. W. E. Simpson. 2,011,692; Aug. 20.
 Electric light fixture. K. A. Sawin. 1,996,437; Apr. 2.
 Electric lighting apparatus, Portable. R. L. Smith. 1,996,389; Apr. 2.
 Electric lighting structure, Portable. K. R. Blake. 1,999,079; Apr. 23.
 Electric lock. C. Kerr. 2,011,768; Aug. 20.
 Electric machine. G. R. Anderson. 2,023,259; Dec. 3.
 Electric machine. A. F. Klappauf. 2,006,172; June 25.
 Electric machine and making the same, Dynamo. A. B. Hendricks, Jr. 2,020,058; Nov. 5.
 Electric machine, Dynamo. E. Klaiber. 1,998,409; Apr. 16.
 Electric machine, Dynamo. L. A. Koch, Jr. 1,998,087; Apr. 16.
 Electric machine, Dynamo. G. G. Landis. 2,019,082; Oct. 29.
 Electric machine, Dynamo. C. H. Thordarson. 1,999,580; Apr. 30.
 Electric machine frame, Dynamo. L. B. Ehrlich. 2,008,493; July 16.
 Electric machine regulation, Dynamo. M. A. Whiting and R. S. Thurston. 1,990,766; Feb. 12.
 Electric machine, Winding an. J. E. Papin. 2,011,114; Aug. 13.
 Electric magazine wrench. L. A. Mooter. 2,011,070; Aug. 13.
 Electric meter. H. Nehls and D. L. Keiser. 1,992,834; Feb. 26.
 Electric meter. A. F. Poole. 1,989,606; Jan. 29.
 Electric meter cover. O. E. Juvinall. 2,008,104; July 16.
 Electric metering device. F. Faussett. 2,005,138; June 18.
 Electric metering system. W. F. Wilm. 2,012,980; Sept. 3.
 Electric motor. T. V. Dillström, P. A. Astradsson, and F. Dahlgren. 2,003,647; June 4.
 Electric motor. A. W. Haydon. 1,996,375; Apr. 2.
 Electric motor. E. P. Larsh. 1,993,449; Mar. 5.
 Electric motor. J. D. MacLachlan. 1,996,023; Mar. 26.
 Electric motor. C. F. Norton. 2,017,255; Oct. 15.
 Electric motor. J. Pedersen and M. J. Dowell. 1,989,021; Jan. 22.
 Electric motor. A. W. Seyfried. 2,001,799; May 21.
 Electric motor. C. F. Wallace. 1,995,270; Mar. 19.
 Electric motor. J. M. Weed. 2,020,090; Nov. 5.
 Electric motor. U. A. Whitaker. 2,008,377; July 16.
 Electric motor. N. S. Yost. 2,013,821; Sept. 10.
 Electric motor. G. Zeininger. 1,992,137; Feb. 19.
 Electric motor, Closed-pole. J. Lenz. 2,025,817; Dec. 31.
 Electric motor, Self-starting synchronous. J. W. Hansen. 1,987,823; Jan. 15.
 Electric motor, Submergible. A. Arutunoff. 2,001,649; May 14.
 Electric motor, Synchronous. G. W. Walton. 2,012,207; Aug. 20.
 Electric oscillations, Generating. W. Schepmann. 1,995,624; Mar. 26.
 Electric outlet. I. Leviton. 2,015,858; Oct. 1.
 Electric outlet device or socket. A. F. Wallbillich. 1,994,880; Mar. 19.
 Electric plug. A. L. Becket. 1,991,045; Feb. 12.
 Electric plug. M. A. Rollman. 2,022,785; Dec. 3.
 Electric plug. J. Walker. 2,015,504; Sept. 24.
 Electric plug connector. H. H. Werneine. 2,015,418; Sept. 24.
 Electric plug construction. A. E. Grant. 1,991,849; Feb. 19.
 Electric power converting apparatus. C. A. Sabbah. 2,009,788; July 30.
 Electric pulsating apparatus. C. G. Suits. 2,010,614; Aug. 6.
 Electric putty heater. T. W. H. Stump. 1,997,805; Apr. 16.
 Electric radiation device. C. H. Braselton. 2,007,929; July 9.
 Electric radiation indicator. E. Rupp. 1,998,334; Apr. 16.
 Electric receptacle. H. J. Cook. 2,012,036; Aug. 20.
 Electric receptacle. F. T. Shurling. 1,993,042; Mar. 5.
 Electric rectifier. J. G. W. Mulder. 1,991,936; Feb. 19.
 Electric regulating apparatus. F. G. Logan. 2,012,588; Aug. 27.
 Electric regulating system. E. H. Reid. 1,986,287; Jan. 1.
 Electric regulation. J. L. Creveling. 1,987,992; Jan. 15.
 Electric regulation. G. E. Hulse. 2,007,760; July 9.
 Electric regulation. L. H. von Ohlsen. 2,001,557; May 14.
 Electric regulator. H. Güttinger, R. Keller, and P. Martenet. 1,991,322; Feb. 12.
 Electric resistances, Manufacturing. W. Meyer. 2,017,011; Oct. 8.
 Electric resistor. R. L. Harper and R. Macdonald, Jr. 2,009,732; July 30.
 Electric resistor, Variable. J. J. Mucher. 1,997,427; Apr. 9.
 Electric rotary machine system. J. E. Alm. 2,021,164; Nov. 19.
 Electric safety switch. C. D. Hepler. 2,000,231; May 7.
 Electric selecting switch. D. A. Christian. 2,010,348; Aug. 6.
 Electric ship propulsion system. H. J. Coates and S. A. G. Emms. 1,997,568; Apr. 16.
 Electric sign. M. Bernstein and H. C. Dubroff. 1,986,705; Jan. 1.
 Electric sign. J. A. Howenstine. 2,017,597; Oct. 15.
 Electric sign. R. Wilde. 2,024,409; Dec. 17.
 Electric signal and control device. C. B. Bartley. 2,003,706; June 4.
 Electric small tool. F. Kratz and E. Baumgratz. 1,990,036; Feb. 5.
 Electric snap switch. A. W. Krieger. 1,998,962; Apr. 23.
 Electric spark discharge system. G. I. Finch and R. W. Sutton. 1,997,515; Apr. 9.
 Electric spark plug. L. Graf. 2,018,783; Oct. 29.
 Electric starting motor. J. Bohli. 2,001,178; May 14.

- Electric supply for lamps in coal mines and like places. W. Cramp and N. H. Searby. 2,011,929; Aug. 20.
- Electric switch. H. Arnold and E. Dobler. 2,012,943; Sept. 3.
- Electric switch. R. M. Arnold and W. L. Dunn. 2,012,492; Aug. 27.
- Electric switch. J. P. Avery. 2,013,532; Sept. 3.
- Electric switch. R. E. Bates. 1,989,076; Jan. 29.
- Electric switch. N. C. Beese. 2,016,131; Oct. 1.
- Electric switch. R. S. Bennett. 2,025,563; Dec. 24.
- Electric switch. O. C. Britsch. 1,999,801; Apr. 30.
- Electric switch. H. M. Broadwell. 2,007,634; July 9.
- Electric switch. H. M. Dressel, K. C. Allison, and E. J. Mastney. 2,019,177; Oct. 29.
- Electric switch. A. C. Gaynor. 2,008,068; July 16.
- Electric switch. A. C. Gaynor. 2,011,311; Aug. 13.
- Electric switch. F. I. Getty. 2,025,978; Dec. 31.
- Electric switch. F. A. Grothe. 2,015,399; Sept. 24.
- Electric switch. H. C. Hall and H. M. Wood. 1,999,019; Apr. 23.
- Electric switch. H. J. Hammerly. 1,993,273; Mar. 5.
- Electric switch. J. G. Jackson. 1,988,687; Jan. 22.
- Electric switch. J. G. Jackson. 1,999,695; Apr. 30.
- Electric switch. E. G. Johansson. 2,019,416; Oct. 29.
- Electric switch. A. A. Johnson. 2,000,447; May 7.
- Electric switch. C. W. Kuhn. 2,006,954; July 7.
- Electric switch. E. Lange. 2,018,136; Oct. 22.
- Electric switch. G. N. Lemmon and H. H. Knowles. 2,006,866; July 2.
- Electric switch. V. W. Leonard. 1,999,880; Apr. 30.
- Electric switch. W. Major. 2,014,624; Sept. 17.
- Electric switch. F. Menzel. 2,006,317; June 25.
- Electric switch. B. A. Millikan and R. W. Sorensen. 1,996,304; Apr. 2.
- Electric switch. F. R. Moore. 2,008,463; July 16.
- Electric switch. H. E. Norviel. 2,008,293; July 16.
- Electric switch. T. L. Parker. 2,023,094; Dec. 3.
- Electric switch. T. L. Parker. 2,023,145; Dec. 3.
- Electric switch. J. G. Peterson. 1,987,025; Jan. 8.
- Electric switch. A. S. Pinkus. 1,992,922; Feb. 26.
- Electric switch. R. Popp. 1,996,030; Mar. 26.
- Electric switch. D. C. Prince. 1,990,348; Feb. 5.
- Electric switch. C. A. Rasmussen. 2,019,093; Oct. 29.
- Electric switch. D. Rönberg. 2,020,475; Nov. 12.
- Electric switch. H. H. Rudd and S. H. Sparks. 2,011,503; Aug. 13.
- Electric switch. C. C. Runner. 2,021,747; Nov. 19.
- Electric switch. J. Sachs. 1,986,222; Jan. 1.
- Electric switch. J. Sachs. 1,993,416; Mar. 5.
- Electric switch. J. Sachs. 2,005,684; June 18.
- Electric switch. R. H. Schmitt. 2,006,966; July 2.
- Electric switch. S. T. Schofield. 2,015,874; Oct. 1.
- Electric switch. G. J. Seiss. 2,022,388; Nov. 26.
- Electric switch. F. W. Side. 2,000,422; May 7.
- Electric switch. F. W. Sonn. 2,004,772-3; June 11.
- Electric switch. A. G. von Normann. 2,007,911; July 9.
- Electric switch. A. G. von Normann. 2,018,476; Oct. 22.
- Electric switch. F. A. Weigel. 1,998,403; Apr. 16.
- Electric switch. G. E. Whitehead. 1,992,109; Feb. 19.
- Electric switch. Automatic reversible. O. Kessler. 2,023,139; Dec. 3.
- Electric switch, Coin-operated. R. R. Erbe. 2,022,110; Nov. 26.
- Electric switch, Multi-break. G. W. O'Keeffe. 2,010,677; Aug. 6.
- Electric switching. O. P. McCarty. 2,004,792; June 11.
- Electric swivel plug. H. C. Lent. 1,999,935; Apr. 30.
- Electric system. E. L. Bowles. 1,991,372; Feb. 19.
- Electric system. W. Plathner and K. Kettner. 2,008,515; July 16.
- Electric system and control for motor vehicles and other purposes. A. H. Neuland. 2,000,786; May 7.
- Electric system, Shielded. E. L. Bowles. 1,994,905; Mar. 19.
- Electric system, Supervised. H. C. Grant, Jr. 2,000,074; May 7.
- Electric terminal connection and making the same. C. C. Abbott. 1,993,580; Mar. 5.
- Electric time switch. Coin controlled. E. L. Lipp and H. L. Glaze. 1,998,963; Apr. 23.
- Electric translating circuits and operating the same. C. W. Stone. 2,024,953; Dec. 17.
- Electric translating device. W. Meyer and E. Weise. 2,001,498; May 14.
- Electric translating system. E. V. De Blieux. 2,009,166; July 23.
- Electric transmission line, Overhead. F. M. Crapo. 2,019,445; Oct. 29.
- Electric transmitter for gas analyzers. A. F. Spitzglass. 1,993,023; Mar. 5.
- Electric traverse and hydraulic clamp for mobile drills, Interlocked. L. R. Williamson. 1,999,225; Apr. 30.
- Electric tubing connector. G. G. Williams. 2,005,175; June 18.
- Electric unit heater. H. A. Soverhill. 2,007,222; July 9.
- Electric vacuum cleaner. O. Holm-Hansen. 2,003,147; May 28.
- Electric valve converting system. C. H. Willis. 2,008,533; July 16.
- Electric valve operated motor. M. Stöhr. 2,023,255; Dec. 3.
- Electric water heater. K. F. Hartmann. 2,013,914; Sept. 10.
- Electric water heater. F. J. Smith. 2,024,783; Dec. 17.
- Electric wave amplifying system. E. E. Hiler. 2,002,855; May 28.
- Electric-wave filter. W. Cauer. 1,989,545; Jan. 29.
- Electric wave translating system. S. T. Meyers. 2,015,082; Sept. 24.
- Electric welding device. E. Woltmann. 1,994,554; Mar. 19.
- Electric welding generator. L. M. Richards. 1,993,455; Mar. 5.
- Electric weft detector. E. R. Holmes. 2,025,863; Dec. 31.
- Electric wires, Device for handling live. J. B. Wisner. 2,017,363; Oct. 15.
- Electric wiring apparatus. V. R. Despard. 1,992,059; Feb. 19.
- Electric wiring apparatus. V. R. Despard. 2,002,491; May 28.
- Electric wiring device. R. G. Bennett. 1,998,353; Apr. 16.
- Electrical accessory apparatus. S. W. Edlund. 2,009,374; July 23.
- Electrical actuating means for clocks and instruments. G. P. Cowies. 2,002,433; May 21.
- Electrical apparatus. J. W. Allen. 2,018,107-8; Oct. 22.
- Electrical apparatus. J. W. Allen. 2,025,144; Dec. 24.
- Electrical apparatus. H. J. Crabbs. 2,015,619; Sept. 24.
- Electrical apparatus. A. Glaser. 1,988,274; Jan. 15.
- Electrical apparatus. H. C. Guhl. 2,020,941; Nov. 12.
- Electrical apparatus. H. Haas. 1,992,303; Feb. 26.
- Electrical apparatus. S. L. Handforth. 1,992,304; Feb. 26.
- Electrical apparatus. R. P. Lansing. 1,994,614; Mar. 19.
- Electrical apparatus. C. I. McNeil. 1,996,734; Apr. 2.
- Electrical apparatus. C. I. McNeil. 2,019,430; Oct. 29.
- Electrical apparatus. W. J. O'Brien. 2,019,625; Nov. 5.
- Electrical apparatus. J. A. Proctor. 1,995,156; Mar. 19.
- Electrical apparatus. D. R. Stapleton and W. D. Pilcher. 1,992,103; Feb. 19.
- Electrical apparatus. C. W. Wyman. 1,998,039; Apr. 16.
- Electrical apparatus, Insulating the windings of. K. H. Williams. 1,986,615; Jan. 1.
- Electrical apparatus, Oil insulated. G. E. Jansson. 1,996,423; Apr. 2.
- Electrical appliance plug. S. F. French. 2,022,497; Nov. 26.
- Electrical attachment. B. F. Muldoon. 1,986,895; Jan. 8.
- Electrical booster. C. R. Lyons. 2,024,531; Dec. 17.
- Electrical cable joint. T. F. Peterson. 1,987,971; Jan. 15.
- Electrical calculating machine. R. Hofgaard. 2,019,704; Nov. 5.
- Electrical characteristics of conductors. T. Zuschlag. 1,997,164; Apr. 9.
- Electrical circuit. L. C. Verman and L. A. Richards. 2,021,161; Nov. 19.
- Electrical coil. O. Soldan. 1,997,020; Apr. 9.
- Electrical compensator for the directional transmission or reception of wave energy. F. A. Fischer. 1,995,708; Mar. 26.
- Electrical condenser. W. Colvin, Jr. 2,000,437; May 7.
- Electrical condenser. L. A. Gebhard and C. F. Rudolph. 2,014,930; Sept. 17.
- Electrical condenser. B. Hansson. 2,001,873; May 21.
- Electrical condenser. H. L. Hartzell. 1,986,339; Jan. 1.
- Electrical condenser. H. L. Hartzell. 1,999,874; Apr. 30.
- Electrical condenser. T. L. Lee. 2,003,002; May 28.
- Electrical condenser. J. F. Martin and L. F. Kongsted. 1,993,560; Mar. 5.
- Electrical condenser. P. J. Packman. 2,001,153; May 14.
- Electrical condenser. P. Robinson. 1,989,046; Jan. 22.
- Electrical condenser. R. C. Sprague. 2,014,398; Sept. 17.
- Electrical condenser. W. C. van Geel and H. Emmens. 2,005,279; June 18.
- Electrical condenser and making same. E. M. Wilson. 2,024,558; Dec. 17.
- Electrical condensers, Manufacture of. R. C. Sprague. 2,014,399; Sept. 17.
- Electrical conducting system. F. Harvey. 2,004,527; June 11.
- Electrical conducting system. J. F. Wentz. 1,998,826; Apr. 23.
- Electrical conductivity, Apparatus for measuring. A. Preisman. 2,010,242; Aug. 6.
- Electrical conductivity, Method and apparatus for measuring. A. Preisman. 2,010,243; Aug. 6.
- Electrical conductor. A. O. Austin. 2,022,839; Dec. 3.
- Electrical conductor and making the same. H. Bienfait Bräselton. 2,018,993; Oct. 29.
- Electrical conductors, Making. H. A. Staples. 1,992,639; Feb. 26.
- Electrical conductors of noncircular cross section, Rolling of. A. Robs. 2,024,305; Dec. 17.
- Electrical conduit system. H. W. Hartman and J. F. Brown. 2,018,303; Oct. 22.
- Electrical connector. R. A. Bell. 2,024,814; Dec. 17.
- Electrical connector. C. W. Blount. 2,008,573; July 16.
- Electrical connector. F. C. Bradley. 2,004,550; June 11.
- Electrical connector. H. Edwards. 1,996,410; Apr. 2.
- Electrical connector. R. E. Farish, Jr. 2,004,105; June 11.
- Electrical connector. E. V. Hoffmann and J. E. Soons. 1,993,100; Mar. 5.
- Electrical connector. E. G. Lodge. 1,992,925; Feb. 26.
- Electrical connector. E. A. Mack. 1,986,735; Jan. 1.
- Electrical connector. M. W. McArdle and J. W. Lynch. 2,011,066; Aug. 13.

- Electrical connector. C. W. Putman. 2,013,423; Sept. 3.
 Electrical connector. E. F. Schmidt. 2,005,475; June 18.
 Electrical connector. W. J. Shearer. 2,005,441; June 18.
 Electrical connector. C. P. Sorensen and P. Gimse. 2,012,696; Aug. 27.
 Electrical connector and fixture support. H. D'Olier, Jr. 2,003,966; June 4.
 Electrical connector plug. C. E. Gilbert. 2,012,627; Aug. 27.
 Electrical connector plug. C. E. Gilbert. 2,019,532; Nov. 5.
 Electrical connector plug. J. E. Smith. 1,989,949; Feb. 5.
 Electrical connection. W. McGinnis and Z. Wirt. 2,003,788; June 4.
 Electrical connection. C. H. Reynolds. 1,997,081-2; Apr. 9.
 Electrical connection. H. A. Sheward. 2,007,617; July 9.
 Electrical connection. E. G. Swanson. 2,007,778; July 9.
 Electrical contact apparatus. G. G. Cromartie. 2,007,848; July 9.
 Electrical contact device, Separable. E. J. Pool. 2,005,682; June 18.
 Electrical contact for articulated vehicles. A. W. Molinare. 2,001,393; May 14.
 Electrical control device. A. H. Lamb. 2,014,385; Sept. 17.
 Electrical control for hydraulic motors. H. Ernst. 1,996,468; Apr. 2.
 Electrical control for valves. R. T. Williams. 2,020,168; Nov. 5.
 Electrical control, Method and apparatus for. F. W. Godsey, Jr. 2,016,671; Oct. 8.
 Electrical control system. L. J. Madden. 2,018,798; Oct. 29.
 Electrical control system. C. Stansbury. 2,024,838; Dec. 17.
 Electrical control system. E. R. Wolfert. 2,000,729; May 7.
 Electrical control unit and making same. G. F. Benkelman. 1,992,410; Feb. 26.
 Electrical controlling system. N. Minorsky. 1,988,458; Jan. 22.
 Electrical conversion system. H. A. Rose. 2,023,100; Dec. 3.
 Electrical conversion system. J. Slepian, L. R. Ludwig, and D. Silverman. 2,005,876; June 25.
 Electrical counting system. T. L. Dimond. 2,023,010; Dec. 3.
 Electrical cut-out. W. J. Davy. 1,999,124; Apr. 23.
 Electrical cut-out. R. W. E. Moore. 1,990,953; Feb. 12.
 Electrical cut-out for automotive vehicles. T. H. Smith. 1,999,216; Apr. 30.
 Electrical device. A. Nyman. 2,001,282; May 14.
 Electrical device and method of determining distances. F. H. Drake. 1,987,587; Jan. 8.
 Electrical device for the heating of rooms. E. Runte. 1,995,581; Mar. 26.
 Electrical device, High tension. F. G. Baum. 1,991,879; Feb. 19.
 Electrical device, Thermostatically operated. E. Klahn. 2,005,549; June 18.
 Electrical device, Wire wound. W. F. Malone. 2,008,288; July 16.
 Electrical devices, Apparatus for processing. C. A. Purdy. 2,016,455; Oct. 8.
 Electrical discharge apparatus. P. T. Farnsworth. 1,986,330; Jan. 1.
 Electrical discharge apparatus and producing the same, Compact shockproof. W. A. McKay. 1,986,482; Jan. 1.
 Electrical discharge device. C. H. Braselton. 2,007,919; July 9.
 Electrical discharge device. K. H. Kingdon. 2,008,022; July 16.
 Electrical discharge device. S. E. Leonard, Jr. 2,025,461; Dec. 24.
 Electrical discharge device. E. F. Lowry. 1,997,693; Apr. 16.
 Electrical discharge device. R. Rudenberg and M. Steenbeck. 1,999,597; Apr. 30.
 Electrical discharge material and manufacturing it. C. H. and W. L. C. van Zwet. 2,018,343; Oct. 22.
 Electrical discharge registering system. R. K. Honaman. 2,014,179; Sept. 10.
 Electrical disconnecting device. R. E. Schwarz. 2,013,507; Sept. 3.
 Electrical disk brake. A. Y. Dodge. 1,991,498; Feb. 19.
 Electrical distribution. H. S. Arnold. 1,986,874; Jan. 8.
 Electrical distribution system. D. K. Blake. 1,998,304; Apr. 16.
 Electrical distribution system. W. H. Frank. 2,009,376; July 23.
 Electrical distribution system. W. H. Frank. 2,025,813; Dec. 31.
 Electrical distribution, System of. H. Hintze. 2,001,532; May 14.
 Electrical distributions, System of. A. C. Turtle. 2,023,626; Dec. 10.
 Electrical disturbances, Reducing. D. G. McCaa. 2,001,622; May 14.
 Electrical energy, Intensifying. S. Smithson. 2,009,125; July 23.
 Electrical equipment for gauges. J. W. Place, E. Aschenbach, and H. J. Hartley. 2,008,627; July 16.
 Electrical examination paper scoring device. R. B. Johnson. 1,997,178; Apr. 9.
 Electrical fixture. H. S. Welfield. 2,015,981; Oct. 1.
 Electrical gauge. C. A. Rennick and O. B. Curry. 2,025,774; Dec. 31.
 Electrical generating and distributing system. W. M. Upp. 1,991,070; Feb. 12.
 Electrical generator. W. J. Spengler. 2,012,290; Aug. 27.
 Electrical heater. W. R. Davies. 2,000,826; May 7.
 Electrical heating. J. E. Jewett. 1,988,845; Jan. 22.
 Electrical heating apparatus. J. C. McDonald. 1,990,238; Feb. 5.
 Electrical heating device. R. F. James and G. Coley. 1,998,084; Apr. 6.
 Electrical heating element of larger surface for low temperatures. I. P. Kisfaludy. 2,021,661; Nov. 19.
 Electrical heating pad. B. W. Macy. 2,021,458; Nov. 19.
 Electrical heating system. S. A. Williams and J. L. Musgrave. 2,018,293; Oct. 22.
 Electrical heating unit. C. C. Abbott. 2,009,980; July 30.
 Electrical heating unit. E. L. Wiegand. 1,994,676; Mar. 19.
 Electrical ignition device. L. S. Chadwick, J. A. Dahlstrom, and A. J. Wiltshire. 2,007,889; July 9.
 Electrical illuminating device. F. F. Manor. 2,000,491; May 7.
 Electrical impulses, Apparatus for recording. G. L. Dimmick. 1,989,973; Feb. 5.
 Electrical impulses, Recording of. P. J. Townsend. 1,997,024; Apr. 9.
 Electrical insect exterminator. C. W. Rovinsky. 1,986,361; Jan. 1.
 Electrical installation. R. W. Atkinson. 2,010,530; Aug. 6.
 Electrical installation. D. M. Simmons. 2,016,247; Oct. 1.
 Electrical instrument. W. H. Pratt. 1,986,601; Jan. 1.
 Electrical instruments from excessive electrical surges, Protecting. C. F. Nelson. 2,009,973; July 30.
 Electrical insulation. R. H. Müller. 2,016,155; Oct. 1.
 Electrical investigation of rock drill holes, Method of and apparatus for. K. Sundberg and E. H. L. Hedström. 1,996,530; Apr. 2.
 Electrical junction box and connection therefor. G. P. Edmonds. 2,021,912; Nov. 26.
 Electrical load control system. D. L. Chesnut. 2,016,890; Oct. 8.
 Electrical load control system. R. H. Kaufmann. 1,988,278; Jan. 15.
 Electrical load regulating system. B. Cogswell. 2,011,396; Aug. 13.
 Electrical machine, High voltage. R. C. Browne. 2,005,451; June 18.
 Electrical make-and-break contactor and method of mounting points thereof. C. B. Gwyn, Jr. 1,990,783; Feb. 12.
 Electrical measuring and regulating system. H. L. Bernarde. 2,005,884; June 25.
 Electrical measuring apparatus. A. V. Bedford. 1,992,022; Feb. 19.
 Electrical measuring apparatus. T. R. Watts. 2,011,665; Aug. 20.
 Electrical measuring instrument. P. A. Borden. 1,987,177; Jan. 8.
 Electrical measuring instrument. T. W. Varley. 1,990,964; Feb. 12.
 Electrical measuring system. B. A. G. Churcher. 2,004,780; June 11.
 Electrical measuring system. E. H. Greibach. 1,990,782; Feb. 12.
 Electrical measuring system. E. Peterson. 2,006,698; July 2.
 Electrical network. I. Wolff. 2,017,192; Oct. 15.
 Electrical network system. N. Wiener and Yuk-Wing Lee. 2,024,900; Dec. 17.
 Electrical oscillation generator. E. W. B. Gill. 1,995,175; Mar. 19.
 Electrical oscillation generator. N. M. Rust. 2,011,291; Aug. 13.
 Electrical oscillation indicator, Piezo. R. W. French. 2,010,016; Aug. 6.
 Electrical oscillations, Apparatus for controlling the intensity of. J. W. Myers. 2,012,433; Aug. 27.
 Electrical oscillations, Apparatus for use with modulated. G. W. Walton. 2,025,186; Dec. 24.
 Electrical outlet and connector for railway tracks. G. A. Laser. 2,002,034; May 21.
 Electrical outlet fixture. L. H. Moulthrop. 2,025,214; Dec. 24.
 Electrical outlet receptacle. J. F. Stark. 2,003,909; June 4.
 Electrical pick-up apparatus. A. N. Curtiss. 2,026,342; Dec. 31.
 Electrical plug. J. G. Allen, Jr. 2,024,415; Dec. 17.
 Electrical plug. J. M. G. Fullman. 1,998,129; Apr. 16.
 Electrical plug connector. F. Kuhn and L. H. Thomas. 1,986,347; Jan. 1.
 Electrical plug device. L. P. Clark, Jr. 2,010,847; Aug. 13.
 Electrical plug device. L. P. Clark, Jr. 2,014,423; Sept. 17.
 Electrical precipitating apparatus. E. Anderson. 1,992,113; Feb. 19.
 Electrical precipitation. R. Heinrich and W. Feldmann. 2,000,019; May 7.
 Electrical precipitation, Apparatus for. E. Anderson. 1,995,790; Mar. 26.

- Electrical precipitation, Method and apparatus for. W. Deutsch. 2,008,246; July 16.
- Electrical precipitation, Method and apparatus for. W. Deutsch. 2,019,485; Nov. 5.
- Electrical precipitation of suspended particles from gases. R. Heinrich. 2,000,020; May 7.
- Electrical precipitator. P. Herber. 1,997,729; Apr. 16.
- Electrical preheater for carburetors. R. Steinhart and A. Hunter. 2,021,525; Nov. 19.
- Electrical prospecting. T. Zuschlag. 1,997,163; Apr. 9.
- Electrical protective apparatus. G. N. Lemmon. 2,003,298; June 4.
- Electrical protective system. E. M. Hunter. 1,998,318; Apr. 16.
- Electrical protective system. L. K. Swart. 2,021,268-70; Nov. 19.
- Electrical protective system. L. W. Thompson. 1,998,295; Apr. 16.
- Electrical pyrometer resistance. S. Ruben. 2,021,491; Nov. 19.
- Electrical quantities, Apparatus for measuring. K. L. Scott. 2,002,680; May 28.
- Electrical receptacle. L. A. Sharp. 2,024,607; Dec. 17.
- Electrical reciprocating device. T. J. Murphy. 1,991,952; Feb. 19.
- Electrical recorder. S. B. Williams. 2,025,407; Dec. 24.
- Electrical regulating system. F. A. Byles. 2,009,103; July 23.
- Electrical regulating system. B. M. Cain. 2,022,536; Nov. 26.
- Electrical regulation. F. J. Champlin. 2,022,537; Nov. 26.
- Electrical regulation. K. H. May. 2,009,115; July 23.
- Electrical regulation. B. R. Teare, Jr., and M. A. Whiting. 2,014,870; Sept. 17.
- Electrical regulator. A. A. Emmerling. 1,996,041; Mar. 26.
- Electrical relay. F. J. Champlin. 2,026,415; Dec. 31.
- Electrical relay. L. E. Richmond. 2,015,156; Sept. 24.
- Electrical relay system. W. B. Wells. 2,025,078; Dec. 24.
- Electrical resistance apparatus. R. P. Mattern. 2,023,740; Dec. 10.
- Electrical resistance apparatus. S. C. Shipley. 2,023,748; Dec. 10.
- Electrical resistance device. F. L. Creager and W. W. Dewhurst. 2,023,517; Dec. 10.
- Electrical resistance device, Variable. L. W. Thompson. 2,026,405; Dec. 31.
- Electrical resistance furnace. J. Kuntziger, H. Delecourt, and J. Raison. 1,997,524; Apr. 9.
- Electrical resistance of fused magnesium oxide, Increasing the. R. J. Sutton and J. R. Fritze. 2,012,897; Aug. 27.
- Electrical resistance, resistance heater, and the like. S. W. Melsom. 1,991,935; Feb. 19.
- Electrical resistance unit. C. H. Boyles. 2,001,297; May 14.
- Electrical resistance unit for overload relays, etc. B. E. Getchell. 1,996,720; Apr. 2.
- Electrical resistor. J. J. Mucher. 1,987,489; Jan. 8.
- Electrical resistor and its manufacture. A. H. Heyroth and W. E. Schildhauer. 2,022,314; Nov. 26.
- Electrical safety plug. A. Angeli. 2,014,607; Sept. 17.
- Electrical sealed container. C. J. Warnke. 1,996,845; Apr. 9.
- Electrical selector system. M. D. Sarbey. 2,008,563; July 16.
- Electrical signaling. M. L. Haseldon. 1,997,774; Apr. 16.
- Electrical signaling. P. W. Wasdworth and C. C. Taylor. 2,020,487; Nov. 12.
- Electrical sizing device. C. J. Green. 1,992,027; Feb. 19.
- Electrical speakers and other speakers. T. Cahill. 2,009,138; July 23.
- Electrical substation. D. K. Blake. 1,986,619; Jan. 1.
- Electrical switch. A. P. Ball. 2,002,623; May 28.
- Electrical switch. J. W. Owens. 2,009,813; July 30.
- Electrical switch. J. Rosen. 2,005,207; June 18.
- Electrical switch. J. S. Thompson. 2,001,080; May 14.
- Electrical switch gear. J. H. Powers. 2,009,815; July 30.
- Electrical switch, High tension. H. B. Massey and O. Maseng. 2,008,139; July 16.
- Electrical switching device. V. L. Ronci and E. F. Elbert. 1,998,822; Apr. 23.
- Electrical system. E. L. Bowles. 1,989,677; Feb. 5.
- Electrical system. E. L. Bowles. 1,989,678; Feb. 5.
- Electrical system. E. L. Bowles. 2,004,155; June 11.
- Electrical system. J. K. Clapp. 2,012,497; Aug. 27.
- Electrical system. M. Déri. 2,015,745; Oct. 1.
- Electrical system. J. Razek and P. J. Mulder. 1,987,539; Jan. 8.
- Electrical system and apparatus. C. P. Boucher. 2,017,273; Oct. 15.
- Electrical system and apparatus. J. J. Mellon. 1,999,301; Apr. 30.
- Electrical system and apparatus for transmitting intelligence. W. C. Roe. 2,013,671; Sept. 10.
- Electrical system, apparatus and method. T. J. Smulski. 1,989,828; Feb. 5.
- Electrical system for internal combustion engines. D. L. Wertz. 2,004,642; June 11.
- Electrical system for refrigerating mechanism. E. M. Post, Jr., and G. O. Hansbaw. 2,008,259; July 16.
- Electrical system providing sequence operation. C. G. Suits. 1,991,232; Feb. 12.
- Electrical system providing sequence operation. C. G. Suits. 2,011,380-1; Aug. 13.
- Electrical terminal. J. H. Fisher and S. Siegel. 2,017,204; Oct. 15.
- Electrical testing. Apparatus for. R. O. Hurd and T. E. Hodgkinson. 2,000,595; May 7.
- Electrical testing means. F. N. Elderkin. 1,991,451; Feb. 19.
- Electrical timing device, Automatic. L. Welsler. 1,993,949; Mar. 12.
- Electrical timing mechanism and system. J. W. Anderson. 2,009,601; July 30.
- Electrical tool, Portable. F. Kratz and E. Baumgratz. 1,990,035; Feb. 5.
- Electrical transmission system. R. M. Somers. 2,011,953; Aug. 20.
- Electrical treatment of fluids. H. A. Wintermute. 2,000,654; May 7.
- Electrical vacuum pump. C. W. Hansell. 2,022,465; Nov. 26.
- Electrical wave filter. A. J. Grossman. 2,024,576; Dec. 17.
- Electrical wave production. L. A. Meacham. 2,022,969; Dec. 3.
- Electrical wire connection. H. O. Smith. 2,021,701; Nov. 19.
- Electrical wiring system. M. M. Clayton. 2,023,004; Dec. 3.
- Electrically conducting bodies, Heating. E. Bennett. 2,024,906; Dec. 17.
- Electrically controlled valve. C. C. Hansen. 2,020,833; Nov. 12.
- Electrically heated pad. T. M. Dick. 1,997,899; Apr. 16.
- Electrically heated tool. M. H. Bennett. 1,988,827; Jan. 22.
- Electrically heated tool. L. N. Hampton. 1,994,994; Mar. 19.
- Electrically heated tool. L. N. Hampton and C. L. Van Inwagen, Jr. 1,993,781; Mar. 12.
- Electrically illuminated device. H. T. Kingsbury. 2,020,192; Nov. 5.
- Electrically operated boiler. T. H. Noll. 2,016,291; Oct. 8.
- Electrically operable press. P. De Mattia. 1,991,664; Feb. 19.
- Electrically operated pump. F. J. S. Jones. 2,023,138; Dec. 3.
- Electrically operated pump. R. L. Kent and J. N. Morris. 1,987,257; Jan. 8.
- Electrically operated system. S. W. Hetherington. 2,017,963; Oct. 22.
- Electrically operated valve. F. Shenton. 1,989,341; Jan. 29.
- Electricity meter. J. Indergrand. 2,003,939; June 4.
- Electricity meter. E. Spahn. 1,996,936; Apr. 9.
- Electricity, Thermally generating. E. Underwood. 2,015,610; Sept. 24.
- Electro-acoustic device. E. Reisz. 2,009,520; July 30.
- Electro-chemical reactions, Carrying out. E. Berl. 2,000,815; May 7.
- Electroadhesion apparatus. K. Rahbek. 2,025,123; Dec. 24.
- Electrode. A. L. Brandt, Sr. 1,986,462; Jan. 1.
- Electrode. H. E. Kimble and H. J. Holmquest. 1,989,282; Jan. 29.
- Electrode. F. J. Pease. 2,000,668; May 7.
- Electrode and making same. L. De Pree. 1,996,643; Apr. 2.
- Electrode and making the same, Welding. J. M. Weed. 1,998,947; Apr. 23.
- Electrode apparatus. W. J. Youden. 1,990,768; Feb. 12.
- Electrode, Arc welding. H. S. Blumberg. 2,011,706; Aug. 20.
- Electrode, Arc welding. L. E. Faulkner. 2,017,488; Oct. 15.
- Electrode, Arc welding. J. H. Humberstone. 2,024,164; Dec. 17.
- Electrode, Arc welding. L. J. Larson. 2,021,628; Nov. 19.
- Electrode arrangement in glow-discharge tubes. O. Schriever. 2,020,914; Nov. 12.
- Electrode, Auxiliary. J. T. Randall, N. L. Harris, and J. W. Ryde. 2,009,205; July 23.
- Electrode, Coated welding. W. B. Miller. 2,000,861; May 7.
- Electrode construction for spark plugs, Insulated. H. Rabezzana. 2,024,388; Dec. 17.
- Electrode, Electric arc welding. R. K. Hopkins. 1,994,650; Mar. 19.
- Electrode, Ferrous welding. R. S. Johnston. 1,993,789; Mar. 12.
- Electrode, Ferrous welding. R. S. Johnston. 1,993,931; Mar. 12.
- Electrode for a vapor electric device and constructing the same. D. D. Knowles. 2,005,897; June 25.
- Electrode for arc welding. A. R. Nyquist. 2,001,848; May 21.
- Electrode for arc welding. A. R. Nyquist. 2,015,814; Oct. 1.
- Electrode for arc welding. R. Sarazin. 1,995,584; Mar. 26.
- Electrode for arc welding, Coated steel. F. Müller. 2,023,818; Dec. 10.
- Electrode for discharge devices. P. M. Haffcke. 1,986,809; Jan. 8.

- Electrode for gaseous discharge lamps. R. C. Hyde. 2,018,957; Oct. 29.
- Electrode for high current arc lamps, Negative. H. Beck. 1,991,998; Feb. 19.
- Electrode for primary batteries. Gas. G. W. Heise and E. A. Schumacher. 2,017,280; Oct. 15.
- Electrode for vacuum tubes. H. C. Jennison and W. S. Girvin. 1,995,180; Mar. 19.
- Electrode for vapor electric devices. W. T. Anderson, Jr., and L. F. Bird. 2,006,081; June 25.
- Electrode, Forcipated surgical. F. C. Wappler. 2,011,169; Aug. 13.
- Electrode furnace roof. H. A. McPherson. 2,021,424; Nov. 19.
- Electrode, Gas. E. A. Schumacher and V. C. Hamister, and G. W. Heise. 2,010,608; Aug. 6.
- Electrode mount. T. A. Sternberg. 2,017,552; Oct. 15.
- Electrode or contact mechanism. C. A. Laise. 2,018,073; Oct. 22.
- Electrode or terminal for electrolytic apparatus. R. D. Mershon. 2,014,005; Sept. 10.
- Electrode sheathing head. R. E. Asbury. 1,994,744; Mar. 19.
- Electrode, Spark plug. D. W. Randolph. 2,001,888; May 21.
- Electrode, Spark plug. D. W. Randolph and J. T. Ford. 2,003,467; June 4.
- Electrode, Spot-welding. B. Burns. 1,992,990; Mar. 5.
- Electrode structure, Oxidizing. S. F. Essig. 2,020,305; Nov. 12.
- Electrode support. W. W. Eitel and J. McCullough. 2,012,038; Aug. 20.
- Electrode system. H. Emmens and W. C. van Geel. 1,988,116; Jan. 15.
- Electrode, Vacuum tube. A. Haslauer. 1,995,178; Mar. 19.
- Electrode, Welding. J. V. Caputo. 2,009,873; July 30.
- Electrode, Welding. J. V. Caputo. 2,025,155; Dec. 24.
- Electrode, Welding. J. H. Deppeler. 1,996,794; Apr. 9.
- Electrode, Welding. C. J. Holslag. 2,025,206; Dec. 24.
- Electrode, Welding. J. H. Humberstone. 2,010,721-2; Aug. 6.
- Electrode, Welding. J. H. Humberstone. 2,016,899; Oct. 8.
- Electrode, Welding. J. M. Weed. 1,992,792; Feb. 26.
- Electrodes, Apparatus for heat treating. D. Y. Smith. 1,993,022; Mar. 5.
- Electrodes for electrical-discharge tubes, Surfacing. A. C. Forst. 2,015,424; Sept. 24.
- Electrodes inside the vessels of space discharge devices. Mounting tubular. F. S. McCullough. 2,023,931; Dec. 10.
- Electrodes, Making grid. L. Klinkert. 2,002,148; May 21.
- Electrodes, Mounting. J. E. Clark. 2,000,163; May 7.
- Electrodes to piezo crystals, Applying. C. B. Sawyer. 1,994,487; Mar. 19.
- Electrodes, Welding. W. B. Lair. 2,010,695; Aug. 6.
- Electrodes, Welding. D. L. Mathias. 2,005,902; June 25.
- Electrodynamic device. P. R. Dijksterhuis. 1,990,858; Feb. 12.
- Electrodynamic device. W. Kalin. 1,987,445; Jan. 8.
- Electrodynamic moving system. A. T. Van Urk. 2,010,529; Aug. 6.
- Electrodynamic speaker unit. H. N. Rowe. 2,025,127; Dec. 24.
- Electrohydraulic motor. F. H. Smith. 1,998,103; Apr. 16.
- Electrohydraulic pressure operating mechanism. R. H. Collingham. 2,025,572; Dec. 24.
- Electrolysis apparatus. E. L. Willison. 2,023,563; Dec. 10.
- Electrolyte for use in testing wells. G. H. Ennis. 1,994,762; Mar. 19.
- Electrolyte level indicator. H. W. Turney. 2,014,402; Sept. 17.
- Electrolyte, Polarizing. P. E. Edelman. 1,990,274; Feb. 5.
- Electrolytes and product, Manufacturing multivalent. A. L. Genter. 2,010,756; Aug. 6.
- Electrolytic apparatus. P. E. Edelman. 1,999,408; Apr. 30.
- Electrolytic apparatus. R. A. Wilkins. 1,993,726; Mar. 5.
- Electrolytic cell. A. C. Brown. 2,018,703; Oct. 29.
- Electrolytic cell. J. H. Calbeck. 2,017,584; Oct. 15.
- Electrolytic cell. D. J. Evans. 1,996,799; Apr. 9.
- Electrolytic cell. A. Georgiev. 2,017,835; Oct. 15.
- Electrolytic cell. G. Holst and A. E. van Arkel. 2,011,519; Aug. 13.
- Electrolytic cell. A. C. Jephson. 2,011,638; Aug. 20.
- Electrolytic cell. O. K. Reinhardt. 1,990,463; Feb. 5.
- Electrolytic cells, Producing. H. E. Rhodes. 2,019,994; Nov. 5.
- Electrolytic condenser. S. I. Cole. 2,018,486; Oct. 22.
- Electrolytic condenser. W. Herrmann and E. Evers. 2,018,522; Oct. 22.
- Electrolytic condenser. P. Hetenyi. 2,009,494; July 30.
- Electrolytic condenser. J. E. Lilienfeld. 2,013,564; Sept. 3.
- Electrolytic condenser. J. E. Lilienfeld. 2,021,455; Nov. 19.
- Electrolytic condenser. J. A. Poitras. 2,012,691-2; Aug. 27.
- Electrolytic condenser. H. E. Rhodes. 1,997,562; Apr. 9.
- Electrolytic condenser. P. Robinson. 2,012,481; Aug. 27.
- Electrolytic condenser. H. L. Sklar. 1,999,373; Apr. 30.
- Electrolytic condenser. J. K. Sprague. 2,012,359; Aug. 27.
- Electrolytic condenser. R. C. Sprague and J. F. McCann. 1,997,185; Apr. 9.
- Electrolytic condenser. R. C. Sprague and C. Shugg. 1,996,982; Apr. 9.
- Electrolytic condenser and circuit arrangement therefor. R. C. Sprague. 2,016,302-3; Oct. 8.
- Electrolytic deposit of iron. A. C. Jephson. 1,991,678; Feb. 19.
- Electrolytic device. H. W. Boessenkool. 2,011,890; Aug. 20.
- Electrolytic device. F. M. Clark and J. H. Koenig. 2,022,500; Nov. 26.
- Electrolytic device. F. W. Godsey, Jr. 2,023,522; Dec. 10.
- Electrolytic device. P. Robinson. 1,992,545; Feb. 26.
- Electrolytic device. H. O. Siegmund. 1,987,420; Jan. 8.
- Electrolytic device. R. C. Sprague and J. F. McCann. 2,005,055; June 18.
- Electrolytic device. R. C. Sprague and J. F. McCann. 2,011,461; Aug. 13.
- Electrolytic process and apparatus. J. E. Jewett. 2,012,046; Aug. 20.
- Electrolytic rectifier and condenser. R. D. Mershon. 2,024,240; Dec. 17.
- Electrolytic refining and to the casting of anodes and the like. A. G. McGregor. 1,996,342; Apr. 2.
- Electrolytic system for the production of aluminum. J. Grolee. 2,026,466; Dec. 31.
- Electrolytically formed tank. B. Bart. 2,023,192; Dec. 3.
- Electrolyzing apparatus. J. C. Baker. 2,011,171; Aug. 13.
- Electromagnet for printing machines and the like. F. Shurley. 1,995,522; Mar. 26.
- Electromagnet structure. B. M. Cain. 2,014,880; Sept. 17.
- Electromagnet valve, Hold-in. E. G. Parvin. 1,995,718; Mar. 26.
- Electromagnetic apparatus, Slow releasing. S. M. Lucas. 1,994,723; Mar. 19.
- Electromagnetic brake. M. B. Chambers. 1,998,491; Apr. 23.
- Electromagnetic brake. F. O. Clizbe. 1,989,740; Feb. 5.
- Electromagnetic brake. L. C. Terrill. 2,012,698; Aug. 27.
- Electromagnetic brake. P. Trombetta. 2,026,513; Dec. 31.
- Electromagnetic controller for power driven machines. H. E. Hodgson. 2,018,720; Oct. 29.
- Electromagnetic device. G. Atchison and C. V. Nichols. 1,988,433; Jan. 22.
- Electromagnetic device. B. E. Getchell. 1,998,810; Apr. 23.
- Electromagnetic device. F. E. Henderson, L. O. Larsen, and G. Schmitz. 1,991,210; Feb. 12.
- Electromagnetic device. M. Joos and B. J. Babbitt. 1,996,113; Apr. 2.
- Electromagnetic device and circuit therefor. G. D. Milne. 2,016,448; Oct. 8.
- Electromagnetic hydraulic feed control. H. Ernst. 1,996,467; Apr. 2.
- Electromagnetic indicator. F. Favarger. 1,993,704; Mar. 5.
- Electromagnetic operating mechanism. W. Dubilier. 2,023,355; Dec. 3.
- Electromagnetic oscillations, Stabilization of. A. Frum. 2,015,178; Sept. 24.
- Electromagnetic over-speed projection. S. B. Griscom and H. C. Nycum. 2,000,753; May 7.
- Electromagnetic pick up device. E. C. Guedon. 1,995,177; Mar. 19.
- Electromagnetic regulating apparatus. A. H. Chilton. 2,020,398; Nov. 12.
- Electromagnetic relay. E. J. Gachet. 1,992,610; Feb. 26.
- Electromagnetic switch. R. R. Gonsett. 2,012,064; Aug. 20.
- Electromagnetic switch. H. C. Nette. 1,991,113; Feb. 12.
- Electromagnetic switch. R. H. Sullivan. 2,003,021; May 28.
- Electromagnetic switching device. K. Slawik. 1,994,671; Mar. 19.
- Electromagnetic translating system. B. F. Miessner. 2,002,919; May 28.
- Electromagnetic vibratory device and making same. J. Bertschi. 2,007,703; July 9.
- Electromagnetostriuctive transmission and reception, Apparatus for. G. W. Pierce. 2,014,411; Sept. 17.
- Electrometric analysis, Apparatus for carrying out. U. Ehrhardt. 2,024,819; Dec. 17.
- Electromechanical translating device. O. M. Dunning. 2,020,139; Nov. 5.
- Electromedical instrument. M. J. Drachman. 2,008,754; July 23.
- Electrometric determinations. A. H. Davis, Jr. 2,004,569; June 11.
- Electromotive forces comparing device. H. Antranikian. 2,005,962; June 25.
- Electron device. F. B. MacLaren. 2,002,207; May 21.
- Electron discharge apparatus. A. E. Lyle. 1,999,300; Apr. 30.
- Electron discharge apparatus and the like. P. W. Pettet. 1,996,212; Apr. 2.
- Electron discharge device. V. O. Allen. 2,002,653; May 28.
- Electron discharge device. C. I. Baker. 1,999,351; Apr. 30.
- Electron discharge device. L. H. Bedford and D. G. Coveney. 1,993,769; Mar. 12.

- Electron discharge device. W. L. Betts. 2,017,647; Oct. 15.
- Electron discharge device. J. E. Clark. 2,019,484; Nov. 5.
- Electron discharge device. A. H. Denzler. 1,991,197; Feb. 12.
- Electron discharge device. C. E. Fay. 2,000,938; May 14.
- Electron discharge device. S. G. Frantz. 2,013,093; Sept. 3.
- Electron discharge device. D. A. S. Hale and V. L. Ronci. 2,019,492; Nov. 5.
- Electron discharge device. F. W. Hehlhans. 2,004,790; June 11.
- Electron discharge device. F. Hülster. 2,023,272; Dec. 3.
- Electron discharge device. M. Knoll. 2,002,667; May 28.
- Electron discharge device. A. Mavrogenis. 1,998,199; Apr. 16.
- Electron discharge device. J. O. McNally. 1,997,196; Apr. 9.
- Electron discharge device. J. O. McNally. 1,998,091; Apr. 16.
- Electron discharge device. H. W. Parker. 2,006,716; July 2.
- Electron discharge device. W. L. Parrott. 2,006,560; July 2.
- Electron discharge device. G. M. Rose, Jr. 1,991,174; Feb. 12.
- Electron discharge device. H. Rothe and R. Rzehulka. 2,014,781; Sept. 17.
- Electron discharge device. B. Salzberg. 2,017,549; Oct. 15.
- Electron discharge device. A. L. Samuel. 2,000,990; May 14.
- Electron discharge device. A. L. Samuel. 2,025,075; Dec. 24.
- Electron discharge device. H. A. Wheeler. 2,015,327; Sept. 24.
- Electron discharge device. H. A. Wheeler. 2,016,760; Oct. 8.
- Electron discharge device and improved anode therefor. W. G. Moran. 2,013,419; Sept. 3.
- Electron discharge device circuit. G. Jobst. 1,987,684; Jan. 15.
- Electron discharge device control system. D. Journeaux. 2,004,952; June 18.
- Electron discharge device with indirectly heated cathode. J. W. Marden and E. A. Lederer. 2,016,152; Oct. 1.
- Electron discharge devices, Manufacture of. J. P. Laico. 2,024,585; Dec. 17.
- Electron discharge devices, Manufacturing. W. L. Parrott. 1,989,819; Feb. 5.
- Electron discharge devices, Producing multiple. S. Loewe. 1,990,041; Feb. 5.
- Electron discharge tube. F. D. Goodchild and W. E. Benham. 2,004,605; June 11.
- Electron discharge tube. E. W. Herold. 2,018,362; Oct. 22.
- Electron discharge tube. C. J. Kayko. 2,018,174; Oct. 22.
- Electron discharge tube. W. E. Kühle and D. Prinz. 2,014,809; Sept. 17.
- Electron discharge tube. W. E. Kühle, D. Prinz, and F. Herriger. 2,024,695; Dec. 17.
- Electron discharge tube. G. J. Lambert and J. W. Meyjes. 1,999,465; Apr. 30.
- Electron discharge tube. T. W. Sukumlyn. 1,987,136; Jan. 8.
- Electron discharge tube circuit. K. Steimel. 2,018,329; Oct. 22.
- Electron discharge tube, Hot cathode. H. M. Freeman and W. G. Wade. 2,000,695; May 7.
- Electron emission device. T. W. Sukumlyn. 2,005,330; June 18.
- Electron tube. F. Below. 2,021,764; Nov. 19.
- Electron tube. K. Kohl. 1,991,282; Feb. 12.
- Electron tube. F. Michelssen and J. Richter. 2,003,301; June 4.
- Electron tube. C. Stansbury. 2,014,539; Sept. 17.
- Electron tube. F. E. Terman. 2,000,673; May 7.
- Electronic current regulator. C. Stansbury. 2,002,281; May 21.
- Electronic receiver for disk transmitters. B. Kwartin. 1,987,886; Jan. 15.
- Electronic temperature indicating and control system. W. S. Halstead. 2,017,859; Oct. 22.
- Electronic tone control. J. Yolles. 2,017,270; Oct. 15.
- Electrons, Controlling the flow of. S. G. Frantz. 2,013,094; Sept. 3.
- Electrooptical method and apparatus. R. E. Wallace. 1,990,884; Feb. 12.
- Electrooptical system. F. Gray. 1,990,182-3; Feb. 5.
- Electrooptical system. F. Gray. 1,990,544; Feb. 12.
- Electrooptical system. F. Gray. 2,010,543; Aug. 6.
- Electrooptical system. C. E. Huffman. 2,017,901; Oct. 22.
- Electrooptical system. H. E. Ives. 1,993,604; Mar. 5.
- Electrooptical system. H. E. Ives. 2,001,730; May 21.
- Electrooptical system. H. E. Ives. 2,007,651; July 9.
- Electrooptical system. H. E. Ives. 2,017,659; Oct. 15.
- Electrooptical transmission. H. E. Ives. 1,989,618; Jan. 29.
- Electroosmotic process and apparatus. R. J. Cross. 1,986,920; Jan. 8.
- Electrophonic filter. G. Mabboux. 1,990,044; Feb. 5.
- Electroplated articles and making same. P. M. Hennegan. 2,006,553; July 2.
- Electroplating apparatus. B. G. Daw. 2,023,668; Dec. 10.
- Electroplating machine. E. T. Ehrhardt. 1,997,458; Apr. 9.
- Electroplating machine. A. H. Hannon. 1,985,988; Jan. 1.
- Electroplating of metal objects, Apparatus for the. J. Kronsbein. 1,997,334; Apr. 9.
- Electroplating sequence. G. B. Hogaboom. 1,991,747; Feb. 19.
- Electroplating upon a metallized surface. A. G. Russell. 2,018,471; Oct. 22.
- Electropneumatic brake. C. C. Farmer. 2,014,885; Sept. 17.
- Electro-pneumatic brake. C. C. Farmer. 2,017,791; Oct. 15.
- Electropneumatic brake. C. C. Farmer. 2,024,687; Dec. 17.
- Electropneumatic brake. E. E. Hewitt. 2,002,892; May 28.
- Electropneumatic brake. D. L. McNeal. 2,021,799; Nov. 19.
- Electropneumatic brake. R. E. Miller. 2,024,656; Dec. 17.
- Electro-radiant energy, System for transmitting. E. S. Purington. 2,018,818; Oct. 22.
- Electroresponsive device. B. R. Teare, Jr., and M. A. Whiting. 2,014,869; Sept. 17.
- Electroresponsive device. A. R. van C. Warrington. 2,000,803; May 7.
- Electroresponsive devices, Control of. A. R. van C. Warrington. 1,995,162; Mar. 19.
- Electroresponsive operating means. W. O. Lum. 1,993,612; Mar. 5.
- Electrostatic condenser. H. I. Danziger. 1,990,819; Feb. 12.
- Electrostatic generator. A. W. Simon. 2,004,352; June 11.
- Electrostatic generator. R. J. van de Graaff. 1,991,236; Feb. 12.
- Electrostatic machine. W. D. Coolidge. 1,989,610; Jan. 29.
- Electrostatic machine. G. Landwerlin. 2,009,503; July 30.
- Electrostatic precipitator. R. C. Thompson. 1,992,974; Mar. 5.
- Electrosurgical apparatus. R. H. Maxson. 2,002,119; May 21.
- Electrosurgical apparatus. L. D. Miles. 2,012,316; Aug. 27.
- Electrosurgical apparatus. F. C. Wappler. 1,995,526; Mar. 26.
- Electrotherapeutic element. L. Ludwig. 2,002,744; May 28.
- Electrothermic process of shaping wood. I. H. Derby. 1,994,607; Mar. 19.
- Electrotype plates, Preparing. H. A. Wood. 2,000,810; May 7.
- Electrotyping and plating apparatus. T. F. Frase. 2,015,304; Sept. 24.
- Element for knitting machines, Adjustable. V. Lombardi. 2,025,462; Dec. 24.
- Elevating device for projectors. H. C. Wellman and A. E. Schubert. 1,994,601; Mar. 19.
- Elevating equipment for wort strainers. A. R. Keller. 1,999,009; Apr. 23.
- Elevator. *See* Package elevator.
- Casing elevator. Residence elevator.
- Fluid elevator.
- Grain elevator.
- Elevator. A. H. Beal and J. A. Hardcastle. 2,013,621; Sept. 3.
- Elevator. J. H. Borden and N. R. Guilbert, Jr. 1,986,620; Jan. 1.
- Elevator. M. C. De Wolfe. 2,011,893; Aug. 20.
- Elevator. E. L. Gale. 2,008,823; July 23.
- Elevator. A. J. and K. T. Penik. 1,986,283-4; Jan. 1.
- Elevator apparatus. W. L. Lademann. 2,000,704; May 7.
- Elevator control and annunciator system. W. C. Miles. 2,009,701; July 30.
- Elevator control and signaling system. F. E. Lewis. 2,005,899; June 25.
- Elevator control device. F. A. Pavone. 2,017,547; Oct. 15.
- Elevator control system. W. F. Eames. 2,024,725; Dec. 17.
- Elevator control system. E. L. Gale. 2,009,395; July 30.
- Elevator control system. W. R. Harding and E. M. Bouton. 2,024,731; Dec. 17.
- Elevator control system. P. C. Keiper. 2,000,703; May 7.
- Elevator control system. M. Staley. 2,014,821; Sept. 17.
- Elevator control system. H. C. Turnbull. 1,993,422; Mar. 5.
- Elevator control system. K. M. White. 2,005,878; June 25.
- Elevator control system. H. W. Williams. 2,020,981; Nov. 12.
- Elevator control system, Circuitous. H. E. White and A. W. Haverkamp. 2,013,817; Sept. 10.
- Elevator dispatcher. H. D. Baumflek and W. J. Peck. 1,986,788; Jan. 8.
- Elevator dispatching system. F. E. Lewis. 2,015,564; Sept. 24.
- Elevator for any applications. L. J. H. Martin. 1,991,255; Feb. 12.
- Elevator gate. W. G. Bogart. 2,025,566; Dec. 24.
- Elevator leveling control. A. J. Liebenberg. 2,019,917; Nov. 5.

- Elevator safety apparatus. F. Hymans. 2,001,361; May 14.
- Elevator safety device. T. Lee. 2,016,332; Oct. 8.
- Elevator safety device. W. J. Martin. 2,008,721; July 23.
- Elevator safety device, Electric. P. D. Tardiff. 2,021,392; Nov. 19.
- Elevator safety gate. S. Samuel. 1,993,285; Mar. 5.
- Elevator signaling system. R. H. Gaylord. 2,000,942; May 14.
- Elevator system. W. R. Harding and J. L. Brown. 2,024,732; Dec. 17.
- Elevator system. D. L. Lindquist, H. Waters, and W. F. Glaser. 1,997,260; Apr. 9.
- Elevator timing indicator. H. M. Friendly. 2,007,711; July 9.
- Eliminator, Shock. O. V. Mechler and W. W. Toxey. 2,013,356; Sept. 3.
- Ellipsograph. P. F. Dubois. 1,997,814; Apr. 16.
- Emanations from radio-active material, Apparatus and process for utilizing. H. F. McCray. 1,991,934; Feb. 19.
- Embalming dead bodies. H. I. Jones and R. L. St. Pierre. 2,013,156; Sept. 3.
- Emblem or sign. W. F. Price. 2,004,635; June 11.
- Embossed wheel. S. G. Goss. 2,008,278; July 16.
- Embossing foil by providing a support adapted to be embossed with a mirror coating, Producing an. K. Kurz. 2,017,367; Oct. 15.
- Embossing machine. C. Chisholm. 2,023,464; Dec. 10.
- Embossing machine. A. A. T. Creser. 2,015,216; Sept. 24.
- Embossing apparatus. A. Lewis. 2,025,518; Dec. 24.
- Embossing press. A. Lewis. 2,013,060; Sept. 3.
- Embroidering or like machine. H. Jonas. 2,018,456; Oct. 22.
- Embroidery skein holder. O. Rasmussen. 1,987,159; Jan. 8.
- Empty and load brake. W. E. Dean. 1,986,464; Jan. 1.
- Emulsifying unit. F. L. Craddock. 2,008,684; July 23.
- Emulsion and its production, Bituminous. P. R. Smith. 1,989,775; Feb. 5.
- Emulsion and making same, Bituminous. J. C. Roediger. 1,988,336; Jan. 15.
- Emulsion and preparing it, Bituminous. K. E. McConaughay. 1,989,374; Jan. 29.
- Emulsion and producing the same. U. B. Bray and L. B. Beckwith. 2,022,229; Nov. 26.
- Emulsion, Bituminous. K. E. McConaughay. 2,003,860; June 4.
- Emulsion, Bituminous. R. K. Painter, H. H. Moreton, and C. W. Hill. 2,023,540; Dec. 10.
- Emulsion containing selenazolinocarbocyanines, Photographic. F. L. White. 1,990,682; Feb. 12.
- Emulsion machine. J. F. Esch. 2,009,957; July 30.
- Emulsion of synthetic resins. H. P. Billings and D. A. Hurst. 1,999,715; Apr. 30.
- Emulsion, Photographic. O. Bloch. 2,010,388; Aug. 6.
- Emulsion, Photographic printing. W. A. Berry and B. V. Storr. 1,995,444; Mar. 26.
- Emulsions and products thereof, Coloring. J. A. E. McClave and D. H. Grant. 2,010,436; Aug. 6.
- Emulsions, Breaking. C. J. Robinson. 1,987,870; Jan. 15.
- Emulsions by electrical action, Preparation of. R. Heinrich. 2,000,018; May 7.
- Emulsions containing selenocarbocyanines, Photographic. F. L. White. 1,990,507; Feb. 12.
- Emulsions, Manufacture of. H. Langwell. 1,993,706; Mar. 5.
- Emulsions, Method and apparatus for electrically treating. H. C. Eddy. 2,001,776; May 21.
- Emulsions of thermoplastic materials, Preparation of. A. W. Hixson and J. M. Fain. 2,002,505; May 28.
- Emulsions, Photographic. W. Zehlike. 2,011,669; Aug. 20.
- Emulsions, Preparing. S. Lenher and C. T. Mentzer, Jr. 2,012,611-12; Aug. 27.
- Emulsions, Stable. S. Lenher and C. T. Mentzer, Jr. 2,006,557; July 2.
- Enamel, Acid resisting vitreous. P. G. Bartlett and H. C. Kremers. 1,990,812; Feb. 12.
- Enamel and making same. J. J. Murray and L. A. White. 2,000,453; May 7.
- Enamel and sprayed metal, Combination of. I. V. Brumbaugh. 2,004,567; June 11.
- Enamel, Baking. R. T. Ubben. 1,998,744; Apr. 23.
- Enamel composition, Acid resistant vitreous. J. G. G. Frost. 2,010,776; Aug. 6.
- Enamel ware. O. Hommel. 2,019,676; Nov. 5.
- Enamel ware. J. E. Rosenberg. 2,022,434; Nov. 26.
- Enameled articles carrying a gloss and matt finish, Production of. R. Turk. 1,993,196; Mar. 5.
- Enameled condenser. M. Resek and T. B. Focke. 1,985,950; Jan. 1.
- Enameling. W. G. Martin. 2,004,632; June 11.
- Enclosure for bottles and other containers. N. S. Ellis. 1,986,256; Jan. 1.
- Enclosure, Movable. F. J. Berghoff. 1,988,260; Jan. 15.
- End facing and centering machine. J. E. Lovely. 2,002,186; May 21.
- End gate. J. Saltzman. 1,995,582; Mar. 26.
- End lapping machine. H. Vanderbeek. 2,024,118; Dec. 10.
- End-of-line indicator. R. A. Lake. 2,018,368; Oct. 22.
- Endpiece for rimless spectacles. E. Pappert. 2,011,906; Aug. 20.
- End plate for electric motors or the like. W. A. Okenfuss. 1,991,622; Feb. 19.
- End-shoe for curtain-holders and the like. M. Faerber. 1,994,068; Mar. 12.
- End stop for slide actuated fasteners. R. C. Legat. 2,014,259; Sept. 10.
- Endless band sign, Illuminated motor driven. I. Holzman. 2,015,937; Oct. 1.
- Endless freezing container. R. H. Chilton. 2,021,047; Nov. 12.
- Ends of wires and the like by twisting them together, Apparatus for joining the. W. H. Siddle. 2,020,218; Nov. 5.
- Endoscope. W. N. Allyn. 2,023,945; Dec. 10.
- Endoscopic instrument. F. C. Wappler. 2,008,525; July 16.
- Endoscopic instrument. F. C. Wappler. 2,018,335; Oct. 22.
- Energy, Apparatus for transmitting. I. C. Harris and H. W. Doubrava. 2,000,173; May 7.
- Energy emitter, Multiple solid. C. H. Braselton. 2,007,931; July 9.
- Energy of a vibratory nature, Method of and apparatus for utilizing. F. M. Best. 2,010,806; Aug. 13.
- Energy plant for motor driven vehicles, Auxiliary. G. S. Connor. 1,992,568; Feb. 26.
- Energy transmission system. A. J. Cawley. 1,990,977; Feb. 12.
- Engine: See—
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| Aircraft engine. | Multicylinder combustion |
| Combustion engine. | Multiple expansion engine. |
| Cuff valve engine. | Reciprocating engine. |
| Diesel engine. | Rotary engine. |
| Double acting engine. | Rotary power engine. |
| Duplex steam engine. | Rotary steam engine. |
| engine. | Rotary valve engine. |
| Fuel engine. | Single sleeve valve engine. |
| Gasoline engine. | Steam engine. |
| Hydraulic engine. | Toy steam engine. |
| Injection engine. | Turbine engine. |
| Internal combustion engine | Two cycle engine. |
| Jordan engine. | Two-cycle gas engine. |
| Locomotive engine. | Wabblor engine. |
- Engine. C. F. Bachle. 2,009,130; July 23.
- Engine. C. F. Bachle. 2,019,643; Nov. 5.
- Engine. S. I. Beach. 2,010,289; Aug. 6.
- Engine. A. A. Campbell. 1,998,441; Apr. 23.
- Engine. L. Cromis. 1,996,147; Apr. 2.
- Engine. E. S. Dennison and P. S. Vaughan. 2,020,461; Nov. 12.
- Engine. R. N. Du Bois. 1,996,909; Apr. 9.
- Engine. J. O. Fink. 1,986,568; Jan. 1.
- Engine. J. O. Fink. 1,996,914; Apr. 9.
- Engine. C. N. Furay. 2,010,183; Aug. 6.
- Engine. E. R. Jacoby. 1,994,518; Mar. 19.
- Engine. L. P. Kalb. 2,004,002; June 4.
- Engine. L. P. Kalb. 2,013,157; Sept. 3.
- Engine. J. W. Kinnucan. 2,001,913; May 21.
- Engine. E. J. Liddle. 1,990,703; Feb. 12.
- Engine. R. E. Mayo and J. M. Davies. 2,023,535; Dec. 10.
- Engine. J. B. McVeigh. 1,987,303; Jan. 8.
- Engine. A. J. Meyer. 1,985,943-4; Jan. 1.
- Engine. A. J. Meyer. 1,989,816; Feb. 5.
- Engine. A. J. Meyer. 1,990,558; Feb. 12.
- Engine. A. J. Meyer. 1,994,528-9; Mar. 19.
- Engine. A. J. Meyer. 2,011,820; Aug. 20.
- Engine. A. J. Meyer. 2,013,163-4; Sept. 3.
- Engine. A. J. Meyer. 2,016,680; Oct. 8.
- Engine. A. J. Meyer. 2,024,297; Dec. 24.
- Engine. A. J. Meyer and J. O. Fink. 1,996,165; Apr. 2.
- Engine. M. Riesner. 2,009,745; July 30.
- Engine. W. H. Stone. 2,006,372; July 2.
- Engine. J. M. Stout. 1,999,520; Apr. 30.
- Engine. H. H. Timian. 1,988,526; Jan. 22.
- Engine. H. H. Timian. 1,991,967; Feb. 19.
- Engine. H. H. Timian. 1,996,939; Apr. 9.
- Engine. H. H. Timian. 1,999,489; Apr. 30.
- Engine. H. H. Timian. 2,001,895; May 21.
- Engine. H. H. Timian. 2,003,984; June 4.
- Engine. H. H. Timian. 2,007,622; July 9.
- Engine. H. H. Timian. 2,008,089; July 16.
- Engine. H. H. Timian. 2,011,784; Aug. 20.
- Engine. H. H. Timian. 2,016,694-7; Oct. 8.
- Engine. H. H. Timian. 2,020,592; Nov. 12.
- Engine. E. T. Vincent. 1,986,545; Jan. 1.
- Engine. E. T. Vincent. 1,990,575-6; Feb. 12.
- Engine. E. T. Vincent. 1,991,586; Feb. 19.
- Engine. E. T. Vincent. 1,994,548; Mar. 19.
- Engine. E. T. Vincent. 1,996,180; Apr. 2.
- Engine. E. T. Vincent. 2,015,826; Oct. 1.
- Engine. E. T. Vincent and J. R. McVeigh. 2,006,972; July 2.
- Engine and air compressor, and cylinder head therefor, Internal combustion. T. G. Smith. 1,992,400; Feb. 26.
- Engine and drive means, Unit assembly. A. C. Peterson. 2,004,215; June 11.
- Engine and gun assembly, Aircraft. M. Birkigt. 2,020,872; Nov. 12.
- Engine and oiling means, Sleeve valve. W. S. Fisher. 2,011,549; Aug. 13.
- Engine and operating same, Closed-cycle internal combustion. F. von Onel. 2,017,481; Oct. 15.
- Engine and operating same, Internal combustion. A. J. Meyer. 1,999,512; Apr. 30.

- Engine and operating same. Internal combustion. A. J. Meyer. 2,009,065; July 23.
- Engine and operation. Internal combustion. A. Schwarz. 2,011,986; Aug. 20.
- Engine and pump having cylinders disposed parallel to a central shaft. Fluid pressure. A. C. Pears. 1,988,252; Jan. 15.
- Engine and shut-off safety and ventilating valve therefor. Air chamber Diesel. F. Lang. 1,994,000; Mar. 12.
- Engine and supercharging same. Internal combustion. W. P. Russ. 1,998,844; Apr. 23.
- Engine and turbine. Combined reciprocating. H. Wach. 2,007,032; July 2.
- Engine and valve apparatus therefor. Internal combustion. O. D. Treiber. 2,025,836; Dec. 31.
- Engine brake. B. Ucko. 2,002,196; May 21.
- Engine clutch. H. Ford. 1,998,613; Apr. 23.
- Engine compressor assembly. H. A. Gehres. 2,002,200; May 21.
- Engine control device. O. Simmen. 2,010,420; Aug. 6.
- Engine control for hoists. Automatic gas. E. Erickson. 2,001,674; May 14.
- Engine control. Two-cycle. F. G. Shoemaker and H. F. Baker. 2,022,094; Nov. 26.
- Engine. Controlling supercharged or other high compression ratio aircraft. E. Dodson. 1,998,362; Apr. 16.
- Engine cooling device. W. F. Davis. 2,005,336; June 18.
- Engine cooling device. A. B. Modine. 2,005,468; June 18.
- Engine cooling means. R. Chilton. 1,990,979; Feb. 12.
- Engine cooling system. L. P. Saunders. 2,011,876; Aug. 20.
- Engine crank case construction. F. G. Hobart. 2,012,009; Aug. 20.
- Engine crank shaft. Internal combustion. H. Ford. 2,020,406; Nov. 12.
- Engine cylinder block. G. E. Ehrling. 1,996,798; Apr. 9.
- Engine cylinder block. F. G. Shoemaker. 1,996,837; Apr. 9.
- Engine. Device for demonstrating the operation of an internal combustion. H. Aird. 2,008,634; July 16.
- Engine drive. Cross. W. D. Reese. 1,991,575; Feb. 19.
- Engine drive for self-propelled vehicles. Rear. P. E. Matthews. 2,000,709; May 7.
- Engine fuel compensator. Internal combustion. L. W. Sykes. 1,990,622; Feb. 12.
- Engine fuel regulator. H. F. Shepherd. 1,996,555; Apr. 2.
- Engine. Ignition timer. L. B. Ehrlich and W. G. Schneider. 2,008,492; July 16.
- Engine lubricating or fluid delivery apparatus. Reserve. H. M. Short. 1,997,700; Apr. 16.
- Engine muffler. J. C. Kittell. 2,023,024; Dec. 3.
- Engine of the fuel-injection type. Internal-combustion. F. A. Perkins. 2,021,744; Nov. 19.
- Engine of the liquid fuel injection compression ignition type. Internal combustion. H. R. Ricardo. 2,003,311; June 4.
- Engine of the liquid fuel injection compression ignition type. Two-stroke sleeve-valve internal combustion. H. R. Ricardo. 1,995,579; Mar. 26.
- Engine of the two-cycle type. Internal combustion. A. L. R. Bernard. 2,007,323; July 9.
- Engine plant. Internal combustion. A. Büchl. 2,005,821; June 25.
- Engine receiving liquid fuel. Internal combustion. N. Oram. 2,013,006; Sept. 3.
- Engine regulation. Two-cycle. M. Rotter. 1,991,869; Feb. 19.
- Engine scavenging system. R. Schneider. 2,021,204; Nov. 19.
- Engine speed controller. Internal combustion. J. H. Blankenbuehler. 1,991,073; Feb. 12.
- Engine speed controlling device. Oil level actuated. B. C. Rolfe. 2,023,936; Dec. 10.
- Engine starter control. C. E. Furgason. 2,013,238; Sept. 3.
- Engine starter drive. W. L. McGrath. 2,017,566; Oct. 15.
- Engine. Starting an internal combustion. B. L. McLane. 1,989,941; Feb. 5.
- Engine starting apparatus. J. W. Allen. 1,990,015; Feb. 5.
- Engine starting apparatus. R. P. Lansing. 2,020,790; Nov. 12.
- Engine starting apparatus. R. M. Nardone. 2,003,456; June 4.
- Engine starting apparatus. Automatic. E. A. Watson. 2,020,749; Nov. 12.
- Engine starting device. R. P. Lansing. 2,019,712; Nov. 5.
- Engine starting mechanism. K. R. Beymer. 1,996,667; Apr. 2.
- Engine starting mechanism. C. H. Havill and M. Mansson. 1,990,283; Feb. 5.
- Engine starting mechanism. J. S. Kauffman. 2,010,265; Aug. 6.
- Engine starting mechanism. R. P. Lansing. 2,002,405; May 21.
- Engine starting mechanism. R. P. Lansing. 2,026,281; Dec. 31.
- Engine starting mechanism. P. H. Maurer. 2,025,877; Dec. 31.
- Engine starting mechanism. R. M. Nardone. 1,991,112; Feb. 12.
- Engine starting mechanism. R. M. Nardone. 2,002,413; May 21.
- Engine starting mechanism. R. M. Nardone. 2,024,659; Dec. 17.
- Engine starting mechanism. B. Smith. 2,025,910; Dec. 31.
- Engine supply system. D. Gregg. 2,011,336; Aug. 13.
- Engine support. N. N. Tilley. 2,016,693; Oct. 8.
- Engine support for automobiles. F. and E. L. Kulick. 2,001,029; May 14.
- Engine synchronizing device. Airplane. F. R. Sias. 2,013,673; Sept. 10.
- Engine temperature control apparatus. M. F. Pasco. 2,021,569; Nov. 19.
- Engine valve gear. Steam. W. W. Dooley. 2,015,380; Sept. 24.
- Engine valve gear. Steam. F. Tolkien. 1,986,083; Jan. 1.
- Engine's valve. C. A. Campbell. 2,025,154; Dec. 24.
- Engines. Apparatus for increasing the efficiency of internal combustion. J. H. Kriek. 1,990,657; Feb. 12.
- Engines. Apparatus for measuring the performance of. H. Junkers. 2,014,684; Sept. 17.
- Engines. Automatic control of aviation. E. Schimanek. 1,991,296; Feb. 12.
- Engines. Avoiding the deleterious effect of detonation in internal combustion. O. C. Brewster. 2,003,822; June 4.
- Engines. Eliminating knocking in internal combustion. L. B. Kimball. 2,023,892; Dec. 10.
- Engines on automotive vehicles. Resiliently mounting. V. Lancia. 2,017,628; Oct. 15.
- Engines. Operating internal combustion. J. E. Wild, H. Hogeman and W. E. Schwarzmann. 2,005,063; June 18.
- Engines. Regulating internal combustion. J. Wharton. 2,022,611; Nov. 26.
- Engines. Rotational reversal of Diesel and the like. E. P. Paxman. 2,013,580; Sept. 3.
- Engines. Starting compression-ignition coil. S. H. W. Dawson. 1,990,427; Feb. 5.
- Engines. Stopping internal-combustion. B. W. Shilson and H. Cantrill. 2,011,123; Aug. 13.
- Engines. Supercharging and scavenging device for Diesel. G. Wirrer. 2,006,613; July 2.
- Engraving machine. O. Mackensen. 1,986,004; Jan. 1.
- Engraving machine. J. Shilkoff. 1,991,963; Feb. 19.
- Engraving tool. W. Grumbacher. 2,010,590; Aug. 6.
- Ensilage cutter and blower. E. D. Bayley. 2,017,580; Oct. 15.
- Entertainment device to accompany packages of merchandise. J. W. Bowman. 2,023,722; Dec. 10.
- Entry guide. S. A. Smith. 2,012,074; Aug. 20.
- Envelope. J. W. Bear and R. R. Sublette. 2,001,340; May 14.
- Envelope. E. Dreisbach. 2,007,891; July 9.
- Envelope. F. M. Emboff. 1,995,672; Mar. 26.
- Envelope. J. and V. J. Sawdon. 2,004,733; June 11.
- Envelope. F. A. Schmitz. 2,016,258; Oct. 1.
- Envelope. W. E. Swift. 1,990,760; Feb. 12.
- Envelope. A. Teicher. 2,014,914; Sept. 17.
- Envelope. G. E. Weir. 2,021,620; Nov. 19.
- Envelope and folder. A. Marowitz. 2,013,664; Sept. 10.
- Envelope and making the same. Church collection. W. E. Swift, Jr. 2,000,797; May 7.
- Envelope blanks. Apparatus for conveying. P. Becker. 2,005,492; June 18.
- Envelope. box. container, and such like. J. Horsley. 2,015,013; Sept. 17.
- Envelope. Combined mailing and return. H. Elbaum. 2,001,489; May 14.
- Envelope. Duplex. H. B. Dygert. 1,991,605; Feb. 19.
- Envelope. Duplex. H. Levine. 2,021,795; Nov. 19.
- Envelope filler. F. E. Struve. 2,021,338; Nov. 19.
- Envelope-filling machine. F. E. Guedry. 2,004,048; June 4.
- Envelope for cigars. Hermetic. W. E. Braden. 2,008,606; July 16.
- Envelope for treating articles. H. J. Kerlin. 2,012,393; Aug. 27.
- Envelope machine. M. Joachimczyk. 1,990,944; Feb. 12.
- Envelope. Merchandise. R. J. Sahn. 1,987,751; Jan. 15.
- Envelope moistener. W. C. Allen. 1,987,813; Jan. 15.
- Envelope. Offering. W. C. Keene. 1,987,778; Jan. 15.
- Envelope or container. C. E. Cather and H. W. Gordon. 1,997,856; Apr. 16.
- Envelope packet. A. J. Hopkins. 1,994,393; Mar. 12.
- Envelope. Safe deposit. W. P. Mosely and W. E. Goehring. 1,999,660; Apr. 30.
- Envelope. Safety. H. G. Brokering. 2,007,178; July 9.
- Envelope sealer. T. J. Jones. 1,994,395; Mar. 12.
- Envelope sealing device. C. S. Gilman. 1,996,289; Apr. 2.
- Envelope sealing machine. S. Arnold and F. Statt. 2,015,507; Sept. 24.
- Envelope separator. E. W. Smith. 2,010,498; Aug. 6.
- Envelope. Shirt. J. M. Alter and M. Lipsey. 2,014,097; Sept. 10.
- Envelope stuffing machine. H. C. Baker. 2,001,009; May 14.
- Envelope. Suspensible. P. L. Andrews. 2,024,417; Dec. 17.
- Envelope. Tear-open. D. D. O'Brien. 2,024,701; Dec. 17.
- Envelope. Two-way. P. Adams. 2,012,075; Aug. 20.
- Envelope. Window. E. G. Overly. 1,995,778; Mar. 26.
- Envelopes, bags, and similar articles. Process and apparatus for the manufacture of. A. Winkler and M. Dünnebier. 2,019,946; Nov. 5.
- Envelopes for floral identification cards. H. A. Dudley. 1,993,151; Mar. 5.

- Envelopes, Manufacture of. V. E. Heywood. 2,012,391; Aug. 27.
- Éstvös balance. D. Pekár and S. Rybár. 1,988,508; Jan. 22.
- Equalizer. J. Snodgrass. 1,996,260; Apr. 2.
- Equalizing and stabilizing attachment for stands or tables. C. Sintz. 1,993,458; Mar. 5.
- Equalizing attachment for trucks. I. E. Blair. 2,000,914; May 14.
- Equalizing driving belts, Apparatus for. J. Leister. 2,013,967; Sept. 10.
- Equalizing system for vehicles, Suspension and load. A. P. Buquor. 2,012,752; Aug. 27.
- Equilibrium device for a scale. W. G. Diesenberg and J. D. Johnston. 1,987,286; Jan. 8.
- Equipment for compartments of sleeping cars and similar applications, Convertible. P. Carcanagues. 1,995,416; Mar. 26.
- Equipment for fuel oil burners. J. W. West. 2,013,816; Sept. 10.
- Equipoining mechanism. G. Carwardine. 2,008,093; July 16.
- Eraser. C. C. Harris. 2,016,715; Oct. 8.
- Eraser. H. W. Maucher. 2,010,103; Aug. 6.
- Eraser attachment for lead pencils. W. E. Musgrave. 1,998,684; Apr. 23.
- Eraser, Captive typewriter. L. J. Hart. 1,987,476; Jan. 8.
- Eraser cleaner, Blackboard. J. C. Mather. 1,985,939; Jan. 1.
- Eraser device, Adjustable. C. A. Watrous. 1,998,472; Apr. 23.
- Eraser for typewriters, Power driven. H. B. Swan. 1,992,679; Feb. 26.
- Ergograph, Ophthalmic. C. Berens. 2,009,158; July 23.
- Escalator. W. Rubin. 1,993,309; Mar. 5.
- Escalator, Weight control. A. L. Sprecker. 1,987,272; Jan. 8.
- Escapement. M. H. Rhodes. 1,995,363; Mar. 26.
- Escutcheon, Door handle. G. J. Baan, Jr. 1,999,454; Apr. 30.
- Escutcheon plate and handle assembly. H. F. Keil. 2,001,666; May 14.
- Essence of coconut and synthetic coconut water, Producing. E. Luque. 1,998,375; Apr. 16.
- Ester and making same. E. F. Grether and E. L. Pelton. 2,010,692; Aug. 6.
- Ester coatings, Cellulose mixed. C. R. Fordyce and J. D. Coleman, Jr. 2,013,825; Sept. 10.
- Ester composition, Cellulose mixed. H. T. Clarke and C. J. Malm. 2,021,887; Nov. 26.
- Ester, Cyclic. W. H. Carothers and J. W. Hill. 2,020,298; Nov. 12.
- Ester derived from hydrogenated castor oil. L. P. Hubbuch. 2,015,145; Sept. 24.
- Ester, Levulinic acid. W. E. Lawson and P. L. Salzberg. 2,008,720; July 23.
- Ester of cellulose and treating the same. Organic. C. Dreyfus and G. Schneider. 1,987,610; Jan. 15.
- Ester of dihydric and polyhydric alcohols. L. Rosenstein and W. J. Hund. 2,013,318; Sept. 3.
- Ester of hydroxy carboxylic acids. B. R. Harris. 2,025,984; Dec. 31.
- Ester of isobutyric acid. E. F. Izard. 2,014,381; Sept. 17.
- Ester of mono-acetals, Sulphuric. F. Guenther. 2,016,109; Oct. 1.
- Ester of naphthene acid. G. Schneider. 2,016,392; Oct. 8.
- Ester of polycarboxylic acids. E. F. Izard. 1,991,391; Feb. 19.
- Ester of polyhydric alcohols and its production, Sulphonated higher fatty acid. K. Marx, K. Brodersen, and M. Quaadvlieg. 2,014,502; Sept. 17.
- Esterification. G. D. Graves. 2,007,968; July 16.
- Esterification process. J. P. Burke. 2,010,426; Aug. 6.
- Esters and producing them. G. D. Graves and W. E. Lawson. 1,993,736; Mar. 12.
- Esters and synthetic resinous compositions, Arylated. M. M. Brubaker. 2,025,642; Dec. 24.
- Esters, Denatured ethyl. W. H. Hampton. 1,995,539; Mar. 26.
- Esters derived from dicarboxylic acids and polyhydroxy compounds, Preparation of. C. J. Malm and C. R. Fordyce. 2,023,485; Dec. 10.
- Esters from aqueous solutions of aliphatic acids, Continuous process of producing. H. M. Guinot. 2,012,812; Aug. 27.
- Esters, Nitrogen containing. B. R. Harris. 2,023,975; Dec. 3.
- Esters of acids of phosphorus. G. De W. Graves. 2,005,619; June 18.
- Esters of aliphatic acids, Making isopropyl. G. H. Coleman. 2,021,851; Nov. 19.
- Esters of carboxylic acids, Myristyl. G. D. Graves and W. E. Lawson. 1,993,738; Mar. 12.
- Esters of cellulose, Preparation of organic acid. C. J. Malm and C. L. Fletcher. 1,992,958; Mar. 5.
- Esters of cellulose, Producing mixed. D. R. Wiggam and J. S. Tinsley. 1,988,532; Jan. 22.
- Esters of cellulose, Production of mixed organic. C. J. Staud and C. L. Fletcher. 2,010,829; Aug. 13.
- Esters of cellulose with the alkylene halides, Colloidizing of the mixed. C. I. Malm. 2,006,362; July 2.
- Esters of dicarboxylic acids, Preparation of terpene. J. N. Borglin. 2,011,707; Aug. 20.
- Esters of ethylene glycol ethers. C. O. North. 2,010,560; Aug. 6.
- Esters of glycols, Making. G. H. Coleman and G. V. Moore. 2,021,852; Nov. 19.
- Esters of higher aliphatic alcohols. W. E. Lawson. 2,015,077; Sept. 24.
- Esters of phenyl substituted fatty acids, Manufacture of basic. A. Blankart. 1,987,546; Jan. 8.
- Esters of polybasic acids, Preparation of. E. F. Izard. 1,993,552; Mar. 5.
- Esters of polycarboxylic acids and their production. E. F. Izard. 2,006,555; July 2.
- Esters of polycarboxylic acids, Decyl. G. D. Graves and W. E. Lawson. 1,993,737; Mar. 12.
- Esters of polyglycerols and producing the same. B. R. Harris. 2,023,388; Dec. 3.
- Esters of polymeric carbohydrates. M. Hagedorn and B. Reyle. 2,009,657; July 30.
- Esters of polymerized carbohydrates, Manufacture of. M. Hagedorn. 1,994,608; Mar. 19.
- Esters of resin acids, Heterocyclic. J. N. Borglin. 2,012,622; Aug. 27.
- Esters of substituted saturated acids having 12 to 18 carbon atoms. W. Lübbert and E. Rosenbauer. 2,010,731; Aug. 6.
- Esters of the carboxylic acids, Preparation of higher alkyl. D. J. Loder. 1,999,976; Apr. 30.
- Esters of 2-butyloctanol. T. F. Carruthers. 2,014,310; Sept. 10.
- Esters of unsaturated acids, Preparation of the. E. F. Izard. 2,020,685; Nov. 12.
- Esters, Preparation of. P. K. Frolich. 2,012,993; Sept. 3.
- Esters, Preparing vinyl. O. Nicodemus and W. Weibezahn. 2,021,873; Nov. 19.
- Esters, Producing unsaturated. W. Reppe and U. Hoffmann. 1,998,413; Apr. 16.
- Esters, Production of unsaturated. J. W. C. Crawford. 1,993,089; Mar. 5.
- Esters, Purifying. R. B. Lebo and C. M. Beamer. 1,988,801; Jan. 22.
- Etching. F. T. Powers. 1,991,697; Feb. 19.
- Etching compound. F. Costa and C. Munumer. 1,993,920; Mar. 12.
- Etching, particularly for intaglio cylinders. I. Gurwick. 2,021,687; Nov. 19.
- Etchings on glassware, Coloring. N. H. Magee and J. A. Patterson, Jr. 2,015,903; Oct. 1.
- Ether acid ester of polyhydric alcohols. M. H. Hubacher. 2,010,154; Aug. 6.
- Ether and its production, Divinyl. R. T. Major and W. L. Ruigh. 2,021,872; Nov. 19.
- Ether derivative of morpholine alcohols and making it. H. L. Cox and T. F. Carruthers. 2,023,872; Dec. 10.
- Ether, Manufacture of diphenyl. K. Marx and H. Wesche. 2,008,987; July 23.
- Ether of aromatic polyhydroxy compounds, Monoalkyl. K. Marx, H. Wesche, K. Bittner, and H. Saenger. 2,024,534; Dec. 17.
- Ether of glycol, Aromatic. L. P. Kyrides. 2,015,115; Sept. 24.
- Ether of hydroabietyl alcohol. C. O. Kenke and M. A. Prah. 2,001,275; May 14.
- Ether, Preparing divinyl. W. A. Lott. 2,013,662; Sept. 10.
- Ether, Vinyl. W. Reppe and W. Wolff. 2,017,355; Oct. 15.
- Ethers and derivative alcohols thereof, Production of diethyl. H. B. Gans, Jr., and A. B. Holton. 2,013,752; Sept. 10.
- Ethers, Application of new organic. H. Dreyfus. 2,025,044; Dec. 24.
- Ethers, mixed tertiary. T. Evans and K. R. Edlund. 2,010,356; Aug. 6.
- Ethers of cellulose, Production of aralkyl. E. J. Lorand. 2,001,102; May 14.
- Ethers, Preparation of halogenated. N. D. Scott. 2,024,749; Dec. 17.
- Ethers, Preparation of high molecular. A. Kirstahler. 2,010,726; Aug. 6.
- Ethers, Production of. A. W. Baldwin and A. Davidson. 1,999,315; Apr. 30.
- Ethers, Production of vinyl. W. Reppe and W. Wolff. 2,021,869; Nov. 19.
- Ethylene oxide, Preparation of. E. C. Britton, G. H. Coleman and B. Mate. 2,022,182; Nov. 26.
- Ethylene oxide, Production of. T. E. Lefort. 1,998,878; Apr. 23.
- Ethylene oxide, Production of. F. B. Thole, S. F. Birch, and W. D. Scott. 1,986,082; Jan. 1.
- Ethylene, Recovery of. G. F. Horsley. 2,015,223; Sept. 24.
- Ethylhydrocupreine compound and making the same. L. W. Tomarkin. 1,997,440; Apr. 9.
- Ethylidene chloride, Making. H. S. Nutting, P. S. Petrie, and M. E. Huscher. 2,007,144; July 2.
- Evaporating apparatus. R. J. Serpas. 1,996,526; Apr. 2.
- Evaporating apparatus for liquids. G. H. Limpert. 1,997,643; Apr. 16.
- Evaporation of solutions. E. Oman. 1,995,999; Mar. 26.
- Evaporator. S. S. Battles. 1,995,167; Mar. 19.
- Evaporator. W. D. Collins. 2,013,134; Sept. 3.
- Evaporator. M. J. Kermer. 1,992,032; Feb. 19.
- Evaporator. M. J. Kermer. 2,015,680; Oct. 1.
- Evaporator. M. J. Kermer. 2,025,059; Dec. 24.
- Evaporator. D. B. Knight. 2,013,469; Sept. 3.
- Evaporator. G. B. Palmer, Jr., R. B. Grubba, and P. Missner. 2,012,891; Aug. 27.
- Evaporator. F. G. Slagel. 1,993,459; Mar. 5.

- Evaporator. J. Touborg and H. E. Rosebrook. 2,005,277; June 18.
- Evaporator. J. Touborg and H. E. Rosebrook. 2,009,910; July 30.
- Evaporator especially for high pressure steam. E. Koene-man and K. Gensch. 2,004,075; June 4.
- Evaporator, Finned. F. R. Erbach. 1,998,664; Apr. 23.
- Evaporator for refrigerating plants. R. Bernat and H. Bernat. 2,025,634; Dec. 24.
- Evaporator for refrigerating systems. E. E. Allyne. 2,003,414; June 4.
- Evaporator for refrigerating systems. D. F. Newman. 2,001,540; May 14.
- Evaporator for refrigeration machines. A. Teves. 2,005,013; June 18.
- Evaporator for refrigerators. S. L. Ingersoll. 2,023,201; Dec. 3.
- Evaporator for refrigerators. L. D. Wright. 2,009,722; July 30.
- Evaporator for submarines. E. Nibbs. 2,025,524; Dec. 24.
- Evaporator, Multiple effect. H. K. Moore. 2,020,038; Nov. 5.
- Evaporator of sheets of different materials. J. N. Saler. 2,009,746; July 30.
- Evaporator, Shell and tube. W. H. Carrier. 2,012,183; Aug. 20.
- Evaporator system for refrigeration. N. H. Gay. 1,994,037; Mar. 12.
- Evaporators, Making dry system. F. G. Slagel. 2,012,582; Aug. 27.
- Evergreens, Treatment of. R. E. Hall. 1,991,850; Feb. 19.
- Examination and control device for work handling equipment. A. R. Keller. 2,003,892; June 4.
- Excavating and conveying machine. H. E. Satre. 2,001,503; May 14.
- Excavating apparatus. C. H. Dupree and A. R. Cuthbertson. 2,013,750; Sept. 10.
- Excavating apparatus. J. W. Page. 2,003,900; June 4.
- Excavating apparatus. R. S. Weimer. 2,014,792; Sept. 17.
- Excavating, hoisting, dumping, and conveying apparatus. H. E. Satre. 2,001,502; May 14.
- Excavating machine. J. M. Kerr. 2,022,808; Dec. 3.
- Excavating machine. S. L. G. Knox. 2,015,629; Sept. 24.
- Excavating machinery. L. White. 2,024,557; Dec. 17.
- Excavating tool. A. P. Miller. 2,011,938; Aug. 20.
- Excavation means. W. F. Townsend. 2,010,422; Aug. 6.
- Excavator. See—
Trench excavator.
- Excavator. F. H. Bakker. 1,999,681-2; Apr. 30.
- Excavator. H. Siebert. 2,000,150; May 7.
- Excavator and loader. C. W. Shippe. 2,017,477; Oct. 15.
- Excavator, Power. W. Ferris. 2,008,694; July 23.
- Excess current indicator. J. M. Kelly. 1,997,463; Apr. 9.
- Excess-voltage protective structure. R. R. Pittman. 2,002,042; May 21.
- Exercise device. F. W. Lang. 1,998,197; Apr. 16.
- Exercising device. F. O'Neill, Jr. 2,017,128; Oct. 15.
- Exerciser. W. D. Fuller. 2,007,852; July 9.
- Exerciser. H. H. Leech. 1,993,409; Mar. 5.
- Exerciser. W. E. Sharp. 2,015,320; Sept. 24.
- Exerciser. H. C. Weaver. 2,015,298; Sept. 24.
- Exerciser, Foot. H. S. Gartner. 2,006,350; July 2.
- Exerciser, Infant's. H. W. Schaff. 1,996,350; Apr. 2.
- Exercising apparatus. R. Peroy. 1,987,207; Jan. 8.
- Exercising device. F. P. Breen. 1,997,715; Apr. 16.
- Exercising device. H. G. Child. 2,002,108; May 21.
- Exercising device. H. L. J. Gardener. 1,997,139; Apr. 9.
- Exercising machine. J. H. Atcheson. 2,017,885; Oct. 22.
- Exercising machine. I. M. Caplan. 2,020,992; Nov. 12.
- Exhaust box. W. F. Weiss. 2,005,282; June 18.
- Exhaust end construction for hay curing chambers. J. H. Fulmer. 1,996,700; Apr. 2.
- Exhaust gas analyzer. J. D. Morgan. 2,006,205; June 25.
- Exhaust gas silencing and cooling device for engines. J. R. Rippe. 2,024,834; Dec. 17.
- Exhaust manifold. C. W. Steward. 2,000,722; May 7.
- Exhaust, Method of. J. W. Marden and G. W. Meister. 2,013,415; Sept. 3.
- Exhaust silencer for internal combustion engines. B. Smith. 2,019,697; Nov. 5.
- Exhaust steam injector. E. Rawson. 1,986,359; Jan. 1.
- Exhaust steam injector. E. Rawson and J. F. Griffin. 1,996,122; Apr. 2.
- Exhaust system. P. R. Delling and H. W. Lindemann. 1,997,631; Apr. 16.
- Exhauster for internal combustion engines. G. H. Morgenstern. 1,990,837; Feb. 12.
- Exhausting and gas-filling machine. J. F. Donovan and G. Ilingsworth. 2,025,579; Dec. 24.
- Exhausting apparatus. C. A. Dunham. 2,009,387; July 30.
- Exhibiting and recording mechanism. R. D. Cleveland and R. E. Olson. 2,006,882; July 2.
- Exhibition device. W. V. Heekin. 2,011,813; Aug. 20.
- Exhibitor, Changeable. C. R. Burch. 2,012,257; Aug. 27.
- Expandable plug wrench. C. B. Wahl. 2,011,508; Aug. 13.
- Expanded hanger. H. Oliver. 2,009,513; July 30.
- Expander for pistons. A. W. Morton. 2,018,412; Oct. 22.
- Expanding machine. Automatic. G. W. Chalmers. 2,001,867; May 21.
- Expansible drill. S. Vanderlick. 2,013,257; Sept. 3.
- Expansible honing tool. L. W. Johnson. 1,991,220; Feb. 12.
- Expansion and contraction joint. J. H. Jacobson. 2,025,209; Dec. 24.
- Expansion and contraction joint, Combined. A. C. Fischer. 2,005,139; June 18.
- Expansion and tensioning device for aluminum alloy pistons. C. A. Marien. 1,995,714; Mar. 26.
- Expansion joint. A. G. Badger. 2,013,547; Sept. 3.
- Expansion joint. A. C. Fischer. 1,987,553; Jan. 8.
- Expansion joint. E. E. Hall and W. H. Eichelman. 2,019,131; Oct. 29.
- Expansion joint. R. Hall. 1,992,612; Feb. 26.
- Expansion joint. J. B. Powers. 1,995,042; Mar. 19.
- Expansion joint, Flexible seal. R. Hall. 2,018,613; Oct. 22.
- Expansion joint, Fluid sealing. F. L. Haushalter. 2,001,573; May 14.
- Expansion means for interchangeable condenser and evaporator functions, Reversible. A. S. Locke. 2,015,487; Sept. 24.
- Explosion and combustion motor. C. Longobardi. 2,002,957; May 28.
- Explosion chamber. H. Holzwarth. 2,003,293; June 4.
- Explosion chamber and charging same. H. Holzwarth. 1,991,390; Feb. 19.
- Explosion chambers, Method of and apparatus for regulating constant volume. H. Holzwarth. 2,003,292; June 4.
- Explosion chambers, Method of and apparatus for supercharging. W. G. Noack. 2,010,823; Aug. 13.
- Explosion chambers, Operating. H. Holzwarth. 2,010,019; Aug. 6.
- Explosion motor. H. E. Mondragon. 2,025,018; Dec. 17.
- Explosionproof motor, Dual-voltage. R. Ehrenfeld. 2,024,726; Dec. 17.
- Explosive. G. C. Hale. 2,004,941; June 18.
- Explosive. G. C. Hale. 2,011,578; Aug. 20.
- Explosive. J. A. Wyler. 1,985,968; Jan. 1.
- Explosive, Ammonium nitrate. W. E. Kirst and C. A. Woodbury. 1,992,217; Feb. 26.
- Explosive charges, Method and apparatus for igniting. H. Holzwarth. 2,004,945; June 18.
- Explosive charges, Method of and apparatus for placing. C. A. Mathey and P. F. Lewis. 2,021,632; Nov. 19.
- Explosive, Commercial blasting. R. L. Hill. 1,987,295; Jan. 8.
- Explosive composition. E. Neukirch. 2,000,414; May 7.
- Explosive composition. V. H. Williams. 2,008,808; July 23.
- Explosive composition, Producing a liquid. J. B. Castner. 2,012,986; Sept. 3.
- Explosive compositions, Graining. W. de C. Crater. 1,996,146; Apr. 2.
- Explosive compounds, Purifying organic. W. A. Smith. 2,024,396; Dec. 17.
- Explosive operated tool. P. E. Littlehale. 2,008,362; July 16.
- Explosive, Propellant. E. Whitworth. 2,003,914; June 4.
- Explosively actuated device. R. Temple, Jr. 2,017,329; Oct. 15.
- Explosion control apparatus. A. B. Fuller. 2,000,589; May 7.
- Exposure in photographic apparatus, Apparatus for automatically determining the. O. Riszdorfer. 2,000,037; May 7.
- Exposure meter. A. A. Bailey, Jr. 1,990,361; Feb. 5.
- Exposure meter. E. F. Weston. 2,016,469; Oct. 8.
- Extension and suspension structure, Adjustable combined. C. M. Waits. 1,991,303; Feb. 12.
- Extension device. A. F. Kraemer. 2,007,537; July 9.
- Extension device. W. S. Lederer. 1,996,517; Apr. 2.
- Extension device for articles of jewelry. J. J. Franklin, Jr. 1,997,723; Apr. 16.
- Extension table. J. Cooper. 2,010,221; Aug. 6.
- Extension table. R. A. and A. H. Holland. 2,002,576; May 28.
- Extension table. C. D. Lanum. 2,017,760; Oct. 15.
- Extension table. L. W. Lawrence. 2,015,599; Sept. 24.
- Extension table. C. J. Miller. 1,994,398; Mar. 12.
- Extension table. C. J. Miller. 2,005,947; June 25.
- Extension table. C. J. Miller. 2,007,475; July 9.
- Extension table. I. Segal. 1,994,538; Mar. 19.
- Extension table. L. W. Wokosin. 2,018,430; Oct. 22.
- Extensometer. C. D. Tripolitis. 2,017,876; Oct. 22.
- Extremator for insects. G. Vinson. 2,004,841; June 11.
- Extremator, Insect. W. F. Folmer and H. L. Chapin. 2,001,414; May 14.
- Extremator, Poultry lice. A. H. Teigen. 2,024,895; Dec. 17.
- External and self cooled generator. L. A. Koch, Jr. 2,021,364; Nov. 19.
- Extract, Flavoring and coloring. E. B. Putt. 2,007,727; July 9.
- Extract, Preparing coffee. O. P. C. Bredt. 1,989,077; Jan. 29.
- Extracting device, Continuous. J. J. Kiergard. 1,999,241; Apr. 30.
- Extraction apparatus. C. Rascher and M. F. Betzold. 2,006,513; July 2.
- Extraction process. D. R. Merrill and P. Subkow. 2,002,702; May 28.
- Extraction process. W. J. D. Van Dijk. 2,023,109; Dec. 3.

- Extractor; *See*—
 Bung extractor. Fruit juice extractor.
 Bushing extractor. Hop extractor.
 Cartridge fuse extractor. Vacuum extractor.
 Extractor. W. H. Woodward. 1,988,468; Jan. 22.
 Extractor and drier of yarns, Combined. W. P. Horn-
 buckle and R. F. Craig. 1,997,380; Apr. 9.
 Extractor device for shaving cream and the like. J. R.
 Vezina. 2,008,427; July 16.
 Extractor mechanism for can end driers. W. E. Burns.
 2,025,935; Dec. 31.
 Extracts from placenta and preparing them, Physiologically
 active. C. L. Lautenschläger and W. Ludwig. 1,989,993;
 Feb. 5.
 Extraneous matters from wool, Apparatus for removing.
 R. M. Greenleaf. 2,015,894; Oct. 1.
 Extruder and method of extruding. B. G. Klugh.
 2,011,055; Aug. 13.
 Extruding machine. V. E. Royle. 1,993,384; Mar. 5.
 Extrusion apparatus. P. W. Crane and R. T. Fields.
 2,019,119; Oct. 29.
 Extrusion apparatus. E. Kinsella and R. J. Ward.
 1,990,078; Feb. 5.
 Extrusion apparatus. F. Singer. 1,989,948; Feb. 5.
 Extrusion device. F. Hanff. 2,025,666; Dec. 24.
 Extrusion press. J. H. Friden. 2,023,879; Dec. 10.
 Extrusion press. A. Wefing. 2,006,080; June 25.
 Extrusion press, Cable sheath. C. C. Jacobson. 2,025,056;
 Dec. 24.
 Eye, Artificial. J. L. Travers. 1,993,121; Mar. 5.
 Eyeball for dolls. L. J. Schlitzer. 2,024,604; Dec. 17.
 Eyebars, Strengthening. A. G. Leake. 1,995,313; Mar. 26.
 Eyebrow, Artificial. A. Steiner. 2,001,589; May 14.
 Eyebrows, Shaping or arching. W. Meyer. 2,004,581;
 June 11.
 Eye construction for the heads of dolls and the like. J.
 Dunner. 1,995,537; Mar. 26.
 Eyeglass construction. G. E. Nerney. 1,987,206; Jan. 8.
 Eyeglass construction. G. E. Nerney. 1,987,701-2; Jan.
 15.
 Eyeglass lens to a support, Device for securing an. F. H.
 Soden. 2,017,262; Oct. 15.
 Eyeglass lens to its support, Securing an. F. H. Soden.
 2,017,261; Oct. 15.
 Eyeglasses. G. Durr. 1,988,646; Jan. 22.
 Eyeglasses and the like. P. H. Meyer. 2,004,445; June 11.
 Eyeglasses, Oxford. W. S. Searles. 2,016,685; Oct. 8.
 Eyelash applicator and curler. R. R. Nathans. 2,022,896;
 Dec. 3.
 Eyelash curler. J. L. Glaser and S. Segal. 2,004,046;
 June 4.
 Eyelash curler. W. R. Tuttle and C. W. Stickel.
 2,022,697; Dec. 3.
 Eye member for dolls, Adjustable. N. Popovich.
 2,009,517; July 30.
 Eye-piece having optical members that consist of a lens
 system and a prism system. A. König. 2,015,527; Sept.
 24.
 Eye protector, Under water. W. G. Farrell. 2,007,186;
 July 9.
 Eye set for dolls. N. Popovich. 2,004,173; June 11.
 Eye shield for miners. J. Shoskey and S. Ritz. 2,013,636;
 Sept. 3.
 Eye structure for figure toys, Movable. B. L. Henry.
 2,022,286; Nov. 26.
 Eyelet and grommet machine, Electric. G. T. Biggs.
 1,999,860; Apr. 30.
 Eyeletting machine. W. S. Watt. 2,018,936; Oct. 29.
 Eyelets on meat saws and the like, Forming. C. A.
 Laemmel. 2,004,700; June 11.
 Eyes, Method and apparatus for testing. G. H. Leland.
 1,986,002; Jan. 1.
 Fabric; *See*—
 Belting fabric. Printed fabric.
 Elastic fabric. Resilient fabric.
 Fence fabric. Run resistant fabric.
 Figured fabric. Selvaged unwoven zigzag
 fabric.
 Filter fabric. Semiabrasive fabric.
 Floor fabric. Spiral fabric.
 Knitted fabric. Textile fabric.
 Lace fabric. Warp knit fabric.
 Lockstitch knit fabric. Wire fabric.
 Ornamental fabric. Wire mesh fabric.
 Ornamented lining fabric. Woven fabric.
 Packing fabric. Woven wire fabric.
 Paper fabric.
 Pile fabric.
 Fabric. H. Barbet. 1,998,041; Apr. 16.
 Fabric. I. B. Merriman. 1,987,858; Jan. 15.
 Fabric. C. E. Pink. 1,992,883-4; Feb. 26.
 Fabric. C. E. Pink. 1,995,222; Mar. 19.
 Fabric and articles of wearing apparel made therefrom,
 Knitted. A. E. Ischinger. 1,992,667; Feb. 26.
 Fabric and knitting same, Runproof or run-resistant
 knitted. E. E. Carlson. 1,989,913; Feb. 5.
 Fabric and knitting the same, Knitted. K. R. Lieber-
 knecht. 2,006,465; July 2.
 Fabric and making same. B. Cobb. 2,012,184; Aug. 20.
 Fabric and making same, Warp pile. G. A. Morgan.
 2,015,810; Oct. 1.
 Fabric and making the same. I. W. Grothey. 2,010,187;
 Aug. 6.
 Fabric and making the same, Nonrun. R. A. Thierfelder.
 1,993,902; Mar. 12.
 Fabric and making the same, Nonrun knitted. H. V. W.
 Scott. 2,026,192; Dec. 31.
 Fabric and making the same, Waterproof abrasive. F. J.
 Crupl. 1,987,467; Jan. 8.
 Fabric and producing same, Transparent. G. Heberlein,
 Jr. 2,026,129; Dec. 31.
 Fabric article, Convertible. C. A. Ross. 1,992,772; Feb.
 26.
 Fabric cleaning and dyeing composition. E. C. Pailier.
 2,014,007; Sept. 10.
 Fabric cleansing and extracting machine. J. B. Kirby.
 2,019,571; Nov. 5.
 Fabric conditioner. C. T. Griffith and H. F. Wanamaker.
 2,006,501; July 2.
 Fabric construction, Knitted. J. Markowitz. 2,018,275;
 Oct. 22.
 Fabric cutter. N. Ross. 1,991,121; Feb. 12.
 Fabric draw-off means for straight knitting machines. E.
 M. Müller. 2,014,114; Sept. 10.
 Fabric expander for textile industry. J. J. McCann.
 2,002,096; May 21.
 Fabric folding machine. F. J. Couch. 2,000,062; May 7.
 Fabric, Forming a knit. A. Hausman. 2,011,537; Aug. 13.
 Fabric-gripper. J. D. Karle. 2,003,942; June 4.
 Fabric guiding and seaming mechanism. C. F. Mack.
 2,002,861; May 28.
 Fabric, Knitting tubular. S. Krautkopf. 2,004,699; June
 11.
 Fabric, Making elastic. A. E. Page. 2,017,444; Oct. 15.
 Fabric, Making knitted. J. H. Murphy. 1,992,012; Feb. 19.
 Fabric manufacture. H. L. Shuttleworth, G. J. Under-
 wood, and W. H. Howe. 2,018,927; Oct. 29.
 Fabric, Manufacture of ribbed warp. P. Schönfeld.
 2,015,818; Oct. 1.
 Fabric, Mechanism for making nonrun. R. A. Thierfelder.
 1,993,903; Mar. 12.
 Fabric, Method and machine for making perforated rib.
 W. H. Allerton and H. B. Aaronson. 2,024,326; Dec. 17.
 Fabric, Method of and apparatus for piling. F. P. Mac-
 Kenzie. 1,998,377; Apr. 16.
 Fabric pressing device of the sadiron type. S. Desure.
 2,019,954; Nov. 5.
 Fabric produced on circular knitting machines, Knitted.
 E. Wildt and H. H. Holmes. 2,018,166; Oct. 22.
 Fabric take-up mechanism. H. McAdams. 1,991,563;
 Feb. 19.
 Fabric treating machine. M. M. Kasanof, D. R. Kasanof,
 and A. Kriegel. 2,013,632; Sept. 3.
 Fabric treating machine. G. H. Mason. 1,995,186;
 Mar. 19.
 Fabric treatment and apparatus therefor. M. M. Kasanof.
 2,011,935; Aug. 20.
 Fabric weave. J. G. Weiser. 2,012,029; Aug. 20.
 Fabric with flat filling strips, Method of and apparatus
 for weaving. A. T. Ryan. 2,022,741; Dec. 3.
 Fabricated structure. W. Dalton. 1,998,310; Apr. 16.
 Fabricated structure and elements thereof. F. P. Cart-
 wright. 2,003,738; June 4.
 Fabrics and composition therefor, Treating. W. M.
 Mitchell and H. L. Barthelemy. 1,989,209; Jan. 29.
 Fabrics and garments, Mechanism for pressing and con-
 ditioning. F. N. Beede. 1,996,714; Apr. 2.
 Fabrics and methods of producing them, Anti-ravel knitted.
 G. W. Goetsch and O. F. Smetana. 2,016,437;
 Oct. 15.
 Fabrics and producing same, Porous rubberized. P. H.
 Head. 2,004,110; June 11.
 Fabrics and product thereof, Treating. C. Dreyfus and
 W. Whitehead. 2,015,103; Sept. 24.
 Fabrics and the like, Singeing. P. Hall. 1,988,554;
 Jan. 22.
 Fabrics and the manufacture thereof, Knitted. S. A.
 Welch and T. Sills. 1,993,766; Mar. 12.
 Fabrics and yarns, Treating woven and the like. J. H.
 Wrigley and A. Melville. 2,021,975; Nov. 26.
 Fabrics, Apparatus for cleaning. J. B. Sando. 2,011,083;
 Aug. 13.
 Fabrics, Apparatus for coating. A. W. Droble. 2,001,488;
 May 14.
 Fabrics, Apparatus for the manufacture of. H. G. Bedell,
 T. P. Eustege and W. T. Brown. 2,012,749; Aug. 27.
 Fabrics, Apparatus for treating. R. C. Benner, H. P.
 Kirchner, and R. L. Melton. 2,000,315; May 7.
 Fabrics, Device for folding and initially hot-pressing mar-
 ginal edges of slits in. J. Snarck. 1,998,426; Apr. 16.
 Fabrics, Embroidering. A. Ruesch. 2,003,810; June 4.
 Fabrics, Finishing of. A. Mellor and R. J. Mann.
 2,016,383; Oct. 8.
 Fabrics for aeroplane construction and process and com-
 position for making same. J. E. Hutchman. 2,014,068;
 Sept. 10.
 Fabrics for reinforcing work, Paper-back. C. F. Bailey
 and J. P. Distler. 2,013,641; Sept. 10.
 Fabrics, Forming. T. E. Kent. 1,993,172; Mar. 5.
 Fabrics, leather, and the like, Varnishing. G. Galimberti
 and G. Peverelli. 2,019,531; Nov. 5.
 Fabrics, Making knitted. R. H. Lawson and R. F. Lovell.
 2,024,174; Dec. 17.
 Fabrics, Manufacture of. J. Morton. 2,005,951; June 25.
 Fabrics, Manufacture of pile. W. Michaelis. 1,999,883;
 Apr. 30.
 Fabrics, Method and apparatus for suede surfacing.
 W. H. King. 2,020,319; Nov. 12.
 Fabrics, Method and apparatus for weaving knotted. W.
 A. Rice and F. G. Shinn. 1,987,973; Jan. 15.

- Fabrics, Method and apparatus of weaving knotted. W. A. Rice and F. G. Shinn. 1,994,536; Mar. 19.
- Fabrics, Method and composition for rejuvenating. G. M. Babcock. 2,006,192; June 25.
- Fabrics, Method of and apparatus for weaving tufted. W. W. Robertson. 2,021,431; Nov. 19.
- Fabrics, Preservation of woven. P. R. Andrews and A. Finlayson. 1,993,354; Mar. 5.
- Fabrics, Producing figured knit. F. E. Morris and H. J. Wagner. 2,021,132; Nov. 19.
- Fabrics, Production of tufted. J. G. Sakellarides. 2,016,909; Oct. 8.
- Fabrics, Reproducing. M. Leblang. 1,994,775; Mar. 19.
- Fabrics, Shoe. C. E. Reynolds. 2,021,870; Nov. 19.
- Fabrics, textiles, garments, and the like, Apparatus for chemically cleaning. G. Wolff. 1,986,548; Jan. 1.
- Fabrics, Treatment of. H. Dreyfus. 2,002,083; May 21.
- Fabrics with self-fringe, Providing knitted. M. Shalette. 2,022,744; Dec. 3.
- Face bit. W. J. Mitchell. 2,009,742; July 30.
- Face lifter and massager. B. T. Fuqua. 2,022,850; Dec. 3.
- Face protector. J. G. Huey. 1,994,103; Mar. 12.
- Facial massage, Apparatus for. A. P. Seedorf. 2,021,389; Nov. 19.
- Facing circle. R. Byers. 2,026,458; Dec. 31.
- Facing material. W. J. Rees. 2,007,343; July 9.
- Facing material for sand molds. M. W. Dundore. 1,996,283; Apr. 2.
- Facing, Method and apparatus for making blind stitched. C. Seaman. 2,025,531; Dec. 24.
- Facsimile printing telegraph system and apparatus. E. F. Kleinschmidt. 2,000,083; May 7.
- Facsimile telegraph system. E. F. Watson. 2,005,017; June 18.
- Facsimiles on wood, Manufacture of. H. Kaufmann. 2,013,611; Sept. 3.
- Fading on short wave lengths, Elimination of. H. H. Beverage and H. O. Peterson. 1,987,889; Jan. 15.
- Fading regulator. H. J. J. M. de R. de Bellescize. 2,011,930; Aug. 20.
- Fall board structure. G. W. Aldeen. 2,022,172; Nov. 26.
- Fan. E. W. Ballentine. 1,998,184; Apr. 16.
- Fan. G. de Bothezat. 2,004,571; June 11.
- Fan. H. G. Herion. 2,004,984; June 18.
- Fan. C. B. James. 2,019,906; Nov. 5.
- Fan. W. W. Johnston. 1,986,151; Jan. 1.
- Fan and the like. V. W. Sharpe and J. A. Castor. 2,014,032; Sept. 10.
- Fan, Booster. A. L. Searles. 2,011,421; Aug. 13.
- Fan, Centrifugal. H. F. Hagen. 1,989,413; Jan. 29.
- Fan, Centrifugal. H. F. Hagen. 2,022,313; Nov. 26.
- Fan, Centrifugal. E. Witzel. 2,015,210; Sept. 24.
- Fan, Electric. J. K. Ferguson. 1,996,195; Apr. 2.
- Fan, Electric. C. F. Haynes. 2,000,386; May 7.
- Fan inlet guard and manufacturing the same. M. C. Allin. 2,005,408; June 18.
- Fan motor. R. H. Jordan. 1,994,914; Mar. 19.
- Fan, Oscillating. J. J. Janca. 2,010,545; Aug. 6.
- Fan, Oscillating electric. C. Buttner. 1,991,080; Feb. 12.
- Fan, Portable ventilating. J. M. Barrett. 2,011,791; Aug. 20.
- Fan, Revolving. E. Lyss. 2,022,920; Dec. 3.
- Fan, Silent. C. F. Aising. 2,023,111; Dec. 3.
- Fan, Silent pressure. P. E. Hochstetter. 1,991,095; Feb. 12.
- Fan, Ventilating. A. L. Baker. 2,010,804; Aug. 13.
- Fan, Ventilating. H. C. Hueglin. 2,008,957; July 23.
- Fans, blowers, and pumps, Control of. T. B. Collins. 1,991,660; Feb. 19.
- Fare collection method and apparatus. F. R. and W. B. Fageol. 2,003,257; May 28.
- Fare register, Indicating. W. S. Johnson. 2,014,846; Sept. 17.
- Farm machinery. L. L. C. L., and E. R. Lindsey. 1,993,105; Mar. 5.
- Farming implement. G. W. Peck. 2,005,633; June 18.
- Fastener. See—
- Bag fastener.
- Belt apron fastener.
- Belt fastener.
- Box fastener.
- Bracelet fastener.
- Button fastener.
- Chair rung fastener.
- Closure fastener.
- Continuous fastener.
- Corner bead fastener.
- Crate fastener.
- Door fastener.
- Doorknob fastener.
- Drive expansion fastener.
- Duplex fastener.
- Folded paper fastener.
- Garment fastener.
- Hair gripping fastener.
- Hasp-type fastener.
- Lapel fastener.
- Lid fastener.
- Paper fastener.
- Rail fastener.
- Roll proofing fastener.
- Roofing fastener.
- Roofing tile fastener.
- Sash fastener.
- Separable fastener.
- Separable slide fastener.
- Separable snap fastener.
- Slide fastener.
- Snap fastener.
- Spring fastener.
- Tag fastener.
- Tie fastener.
- Tie plate and rail fastener.
- Window fastener.
- Fastener. H. Rosenberg. 2,015,159; Sept. 24.
- Fastener. A. M. Thomson. 1,996,128; Apr. 2.
- Fastener and combination thereof with strings and tags of tea-bags or the like. A. Keller. 2,014,254; Sept. 10.
- Fastener and installation thereof, Separable. A. M. Thomson. 1,988,925; Jan. 22.
- Fastener and installation, Turn operated. G. Johnson. 2,025,686; Dec. 24.
- Fastener and making the same. H. R. Holbrook. 1,996,513; Apr. 2.
- Fastener and making the same, Separable. A. M. Thomson. 1,988,926; Jan. 22.
- Fastener-applying implement. A. H. Maynard. 2,001,104; May 14.
- Fastener-applying implement. A. H. Maynard. 2,006,054; June 25.
- Fastener device. F. A. Brodhead. 2,015,376; Sept. 24.
- Fastener for automobile hoods. W. J. Grohman. 1,993,139; Mar. 5.
- Fastener for bags. L. T. Geiger. 2,006,268; June 25.
- Fastener for bale ties and the like. J. Hawk. 1,994,704; Mar. 19.
- Fastener for baskets. J. Wener. 2,008,632; July 16.
- Fastener for container covers. W. E. Heller. 2,013,049; Sept. 3.
- Fastener for fabrics and the like. H. V. Barclay. 2,010,343; Aug. 6.
- Fastener for necklaces and other chains, Safety. A. W. Clark. 2,015,616; Sept. 24.
- Fastener for parachute harness, Quick release. S. O. C. Kuhlmann. 2,003,205; May 28.
- Fastener for valve washers, Threadless. A. Jacobs. 2,026,074; Dec. 31.
- Fastener for wall board. H. B. Ehle and A. S. T. Lagaard. 1,995,173; Mar. 19.
- Fastener for wrist watches. G. Karlovsky. 1,992,623; Feb. 26.
- Fastener inserting machine. M. G. Bliss. 2,012,299; Aug. 27.
- Fastener members of sliding-clasp fasteners in rows, Apparatus for arranging the. H. Gutberlett. 2,003,146; May 28.
- Fastener secured structure. E. J. Pool. 1,998,251; Apr. 16.
- Fastener slide, Safety removable. B. Pruzan. 2,020,159; Nov. 5.
- Fastener stringers, Manufacturing. L. H. Morin and D. Marinsky. 2,004,959; June 18.
- Fastener structure, Interlocking. D. Silberman. 1,990,464; Feb. 5.
- Fastener supplying mechanism. A. A. Lawson. 2,000,139; May 7.
- Fastener with sliding attachment for garments, bags, and the like. J. Franze. 2,005,116; June 18.
- Fasteners, Making. G. Sundback. 1,992,254; Feb. 26.
- Fasteners, Making slide. G. H. C. Corner. 2,008,062; July 16.
- Fasteners, Method and machine for making. G. Sundback. 2,001,591; May 14.
- Fastening. C. V. Brady. 2,016,851; Oct. 8.
- Fastening and assembling device. J. F. G. Chobert. 2,011,472; Aug. 13.
- Fastening and buttoning means for garments, and the like. A. Berkner. 2,002,360; May 21.
- Fastening and connection for glass plates. A. Herman. 2,010,394; Aug. 6.
- Fastening couplet. D. L. Luzzie. 1,995,891; Mar. 26.
- Fastening device. W. Dzus. 1,986,329; Jan. 1.
- Fastening device. R. Ellis. 2,012,040; Aug. 20.
- Fastening device. E. H. Ellison. 2,022,081; Nov. 26.
- Fastening device. P. M. Hengstenberg. 2,005,895; June 25.
- Fastening device. G. C. Kauffman. 2,019,262; Oct. 29.
- Fastening device. W. A. Keys. 2,020,507; Nov. 12.
- Fastening device. R. W. Luce. 1,998,936; Apr. 23.
- Fastening device. C. T. Manville. 2,017,912; Oct. 22.
- Fastening device. H. J. McKeon. 2,004,006; June 4.
- Fastening device. W. Pfeifer, Jr. 2,014,451; Sept. 17.
- Fastening device. P. Sidney. 2,001,401; May 14.
- Fastening device. H. M. Sipe. 2,013,071; Sept. 3.
- Fastening device. G. A. Tinnerman. 2,004,679; June 11.
- Fastening device. A. J. Vidal. 1,992,643; Feb. 26.
- Fastening device. L. Wiesenfeld and N. Kase. 2,013,706; Sept. 10.
- Fastening device, Awning cloth. E. J. Mitcheson. 1,986,517; Jan. 1.
- Fastening device for electrical appliances. T. L. Parker. 2,023,095; Dec. 3.
- Fastening device for moldings. W. I. Jones. 1,999,994; Apr. 30.
- Fastening for jewelry. T. S. Bennett. 2,004,779; June 11.
- Fastening for packages. M. Wollner and F. Weber. 2,017,173; Oct. 15.
- Fastening inserting machine. M. F. Brogan. 1,996,853; Apr. 9.
- Fastening inserting machine. F. C. Eastman. 1,986,923; Jan. 8.
- Fastening-inserting machine. G. Goddu. 1,991,454; Feb. 19.
- Fastening inserting machine. F. N. La Chappelle. 1,986,932; Jan. 8.
- Fastening inserting machine. F. N. LaChappelle. 2,019,573; Nov. 5.
- Fastening inserting machine. H. Lane and G. W. Gibson. 2,011,683; Aug. 20.

- Fastening-inserting machine. E. R. Pope. 1,996,879; Apr. 9.
- Fastening installation, Multiple operated. G. Johnson. 2,015,034; Sept. 17.
- Fastening machine, Electrically controlled. W. Bahr. 2,023,570; Dec. 10.
- Fastening means. W. E. Hoke. 2,019,049; Oct. 29.
- Fastening means for cases. O. P. Bereit. 1,997,624; Apr. 16.
- Fastening means for connecting collars to shirts, Detachable. M. Karelitz. 2,006,103; June 25.
- Fastening means for sheathing. N. Rippen. 1,986,014; Jan. 1.
- Fastening means for turbine blades. F. Ljungström. 2,025,171; Dec. 24.
- Fastening means for vehicle roofs. R. O. Mobbs. 2,014,284; Sept. 10.
- Fastening means, Secure. S. Quisling. 1,990,955; Feb. 12.
- Fastening member. D. R. Stamy. 1,997,756; Apr. 16.
- Fastening-supplying apparatus. F. L. MacKenzie. 2,003,377; June 4.
- Fastening, Tool handle. J. R. Rigandi. 2,021,490; Nov. 19.
- Fastenings between springs or other elements. D. S. Barnard. 2,013,595; Sept. 3.
- Fastenings, Device for the manufacture of sliding clasp. H. Menkels. 2,017,814; Oct. 15.
- Fat, Edible. O. H. Alderks, W. R. Distel, and J. E. Taylor. 1,985,969; Jan. 1.
- Fats, Apparatus for splitting. O. H. Wurster. 2,005,447; June 18.
- Fatty acid cracking in the presence of aromatic amines. A. W. Ralston. 1,991,956; Feb. 19.
- Fatty esters, Producing. H. D. Royce. 2,015,606; Sept. 24.
- Fatty matter and stabilizing same, Composition of. E. W. Eckey. 1,993,152; Mar. 5.
- Fatty mixture capable of being emulsified. K. Ott and G. Mauthe. 2,023,769; Dec. 10.
- Faucet. A. C. Brown. 1,995,792; Mar. 26.
- Faucet. W. C. Buttner. 1,990,635; Feb. 12.
- Faucet. W. C. Buttner. 1,997,481; Apr. 9.
- Faucet. E. M. Deiller. 2,008,657; July 16.
- Faucet. H. Geery. 1,990,938; Feb. 12.
- Faucet. F. Healy. 1,995,098; Mar. 19.
- Faucet. H. Hughes. 2,008,642; July 16.
- Faucet. E. Kirkpatrick. 1,986,402; Jan. 1.
- Faucet. A. E. Tomlinson. 2,017,739; Oct. 15.
- Faucet. H. Wayer. 2,011,329; Aug. 13.
- Faucet. A. W. Wheaton. 1,998,913; Apr. 23.
- Faucet and tap, Beer. K. M. Burdge. 2,014,492; Sept. 17.
- Faucet and valve. F. Meese. 1,995,715; Mar. 26.
- Faucet attachment. C. M. Snyder and J. H. Clark. 2,012,834; Aug. 27.
- Faucet, Bung. A. Ferrari, M. Scalione, and C. Rafanelli. 2,004,860; June 11.
- Faucet filter, Self-cleaning. J. S. Brady and D. A. McCarthy. 2,014,063; Sept. 10.
- Faucet, Liquid dispensing. T. E. Davis. 2,025,851; Dec. 31.
- Faucet, Metering. D. W. McNeill. 1,990,194; Feb. 5.
- Faucet, Mixing. J. Robinovitz. 2,019,319; Oct. 29.
- Faucet or valve. H. Wayer. 2,023,560; Dec. 10.
- Faucet reconditioning tool. J. R. Lake. 1,999,815; Apr. 30.
- Faucet, Self-closing. A. W. Wheaton. 2,026,110; Dec. 31.
- Faucet valve means. E. A. Eckhouse. 1,988,966; Jan. 22.
- Feathering paddle wheel. C. B. Strandgren. 2,023,750; Dec. 10.
- Feed and tall stock for grinding machines. J. R. Dunham. 1,999,321; Apr. 30.
- Feed control. H. E. Balsiger. 2,023,777; Dec. 10.
- Feed control. G. E. Hallenbeck. 2,018,553; Oct. 22.
- Feed control apparatus for separating cotton from air, Automatic. J. E. Mitchell. 2,024,469; Dec. 17.
- Feed control device, Sight. C. B. Ware. 2,009,306; July 23.
- Feed control for folding and other machines, Automatic. G. E. Anderson. 2,005,124; June 18.
- Feed control for hammer mills. M. W. Roscoe and C. F. Crumb. 2,005,561; June 18.
- Feed control mechanism, Automatic. R. A. Carlson. 1,994,463; Mar. 19.
- Feed conveyor. W. W. Hartman. 2,006,551; July 2.
- Feed device for a cone crusher. O. C. Gruender. 2,020,464; Nov. 12.
- Feed device for hydraulic transmissions. G. L. R. J. Messier. 2,014,338; Sept. 10.
- Feed envelope assembly, Continuous. J. Q. Sherman. 2,013,844; Sept. 10.
- Feed for high intensity arc lamps, Automatic. F. R. House. 2,023,475; Dec. 10.
- Feed for lens grinding and polishing compounds, Automatic. I. N. Cassity. 2,019,171; Oct. 29.
- Feed for sheet metal working machines. E. V. Crane. 2,008,040; June 25.
- Feed for wrapping machines. E. F. Mertis. 2,009,197; July 23.
- Feed knock-off mechanism for lathes. J. E. Lovely. 2,006,144; June 25.
- Feed, Manufacturing dried stock. D. D. Peebles. 2,013,476; Sept. 3.
- Feed mechanism for can bodies. F. Krueger. 1,998,724; Apr. 23.
- Feed mechanism for fueling systems. D. Van Law. 1,989,345; Jan. 29.
- Feed mechanism for gathering tables and the like. C. L. Taylor. 1,990,105; Feb. 5.
- Feed mechanism for metal cutting machines. W. E. Sykes. 2,001,987; May 21.
- Feed mechanism for rolling machines. H. J. Davis. 2,005,853; June 25.
- Feed mechanism for stokers. J. Wynn, Jr. 2,006,978; July 2.
- Feed mechanism, Intermittent. A. S. Howell. 2,019,261; Oct. 29.
- Feed mechanism, Intermittent. I. J. Larson. 2,015,528; Sept. 24.
- Feed, Method and apparatus for storing and dispensing. J. G. Shodron. 1,995,551; Mar. 26.
- Feed mixer. H. W. Kniffen and W. T. Crackel. 1,997,301; Apr. 9.
- Feed regulating device for openers, and lappers for cotton or other fibrous materials. P. Knobel. 1,998,545; Apr. 23.
- Feed regulator. W. E. and B. L. Bassett. 2,010,621; Aug. 6.
- Feed regulator for machine tools. H. Ernst and L. F. Nenninger. 2,019,487; Nov. 5.
- Feed system for steam power plants. H. Hillier. 1,991,929; Feb. 19.
- Feed water heater. C. J. Miller. 1,990,914; Feb. 12.
- Feeder: See—
- Ant poison feeder. Magazine feeder.
 - Balance feeder. Pigeon feeder.
 - Bee feeder. Pneumatic feeder.
 - Coal feeder. Pneumatic glass feeder.
 - Fuel feeder. Poultry feeder.
 - Glass feeder. Proportionate feeder.
 - Gravity feeder. Pulverized fuel feeder.
 - Hay press feeder. Sheet feeder.
 - Hull extracting cleaner. Toothbrush paste feeder.
 - feeder. Water feeder.
- Feeder. C. E. Hedrick. 2,005,188; June 18.
- Feeder for corn shredders and the like. W. W. P. Stelter. 2,016,910; Oct. 8.
- Feeder for melting pots, Metal. C. E. Whitmore. 2,014,059; Sept. 10.
- Feeder for progressive lubricating systems. D. R. Hillis. 1,997,406; Apr. 9.
- Feeder head for shaker or jigging conveyers. W. W. Sloan. 2,005,567; June 18.
- Feeder or stoker, Coal. W. L. Stuyverson. 2,025,220; Dec. 24.
- Feeding and catching device. T. W. Allsworth, E. G. Schlup and P. H. Long. 2,010,709; Aug. 6.
- Feeding and shearing mechanism. L. Iversen. 2,004,871; June 11.
- Feeding apparatus. C. H. True and J. R. Hickox. 1,991,235; Feb. 12.
- Feeding attachment for punch presses. W. W. Sime. 1,986,983; Jan. 8.
- Feeding device. S. Bullum. 2,002,337; May 21.
- Feeding device. E. U. Cave. 2,011,536; Aug. 13.
- Feeding device. U. C. Haren and J. P. Sapp. 2,001,572; May 14.
- Feeding device. L. C. Tingley. 1,989,298; Jan. 29.
- Feeding device for chaff cutting machines and the like. L. and J. Eirich. 1,986,717; Jan. 1.
- Feeding device for food cutting machines. H. Schaumburg. 2,012,353; Aug. 27.
- Feeding device for percussive motors. A. E. Peters and F. M. Slater. 2,010,496; Aug. 6.
- Feeding device for stokers. W. D. Burton. 1,991,842; Feb. 19.
- Feeding means for gas masks. J. de Saint Rapt and G. Decombe. 2,023,267; Dec. 3.
- Feeding means for grid pasting machines. J. E. Brown and A. B. Clark. 2,016,031; Oct. 1.
- Feeding mechanism. H. Anderson. 2,011,839; Aug. 20.
- Feeding mechanism. M. E. First. 2,008,247; July 16.
- Feeding mechanism. L. Guibault. 1,999,836; Apr. 30.
- Feeding mechanism. J. E. Renfer. 2,010,321; Aug. 6.
- Feeding Mechanism, Blank. E. B. Berkowitz. 2,010,344; Aug. 6.
- Feeding mechanism for can making machines. H. F. Bayer. 2,015,987; Oct. 1.
- Feeding mechanism for extrusion machines. J. W. Hofecker. 1,989,616; Jan. 29.
- Feeding mechanism for filling machines. A. Andreas. 2,003,417; June 4.
- Feeding mechanism for pilgering mills. J. Gassen. 2,021,686; Nov. 19.
- Feeding mechanism for rock drills. J. C. Curtis. 2,006,444; July 2.
- Feeding mechanism for rock drills. J. C. Curtis. 2,015,922; Oct. 1.
- Feeding mechanism for rock drills. B. R. Sheets. 2,025,551; Dec. 24.
- Feeding mechanism for variety lathes, Automatic. W. H. Hall. 2,024,640; Dec. 17.
- Feeding, Method and apparatus for. A. D. Evans. 1,996,913; Apr. 9.
- Feeding of tandem mills, Device for the automatic. E. B. Hudson. 2,006,764; July 2.
- Feeding or driving mechanism. W. F. Focha. 1,998,714; Apr. 23.
- Feeding system for fluids. L. D. Jones. 2,009,890; July 30.

- Feeler device for automatic weft-replenishing mechanism in looms. G. F. N. Martin. 2,011,903; Aug. 20.
- Feeler gauge. J. F. Williams. 2,010,706; Aug. 6.
- Feeler moving mechanism. A. A. Gordon. 1,991,089; Feb. 12.
- Felling machine. N. V. Christensen and H. J. Le Vesconte. 1,988,372; Jan. 15.
- Felling machine for joining fabric sections. C. S. Thompson. 1,988,401; Jan. 15.
- Felling machine for seaming fabric sections. C. S. Thompson. 1,988,399-400; Jan. 15.
- Felt, Asbestos faced drier. W. A. Barrell. 1,991,366; Feb. 19.
- Felt for paper making machines, Drier. T. Milnes. 2,005,979; June 25.
- Felt for use on paper making machines, Drier. T. Hindle. 1,994,280; Mar. 12.
- Felt, Paper drier. E. J. Wilson. 1,986,490; Jan. 1.
- Felt punching machine. R. S. Phillips. 2,004,709; June 11.
- Felts for paper machines, Treatment of. L. Ubbelohde. 2,017,640; Oct. 15.
- Felts, Manufacture of water-laid. G. A. Richter. 1,987,213; Jan. 8.
- Fence. R. B. Lindsey. 2,010,309; Aug. 6.
- Fence. C. L. Turner and F. C. Zuch. 1,993,536; Mar. 5.
- Fence fabric. F. H. Ruppel. 2,020,379; Nov. 12.
- Fence for railroads, Protection. E. G. Baumann. 2,009,009; July 23.
- Fence, Guard. L. D. Engle. 2,008,132; July 16.
- Fence, Highway guard. C. Campbell. 2,007,466-7; July 9.
- Fence, Joinder. W. J. Merrigan. 2,007,581; July 9.
- Fence post. J. B. Cuneo. 1,996,278; Apr. 2.
- Fence post. W. L. Hyde. 2,000,232; May 7.
- Fence post. A. Johnson. 2,011,716; Aug. 20.
- Fence post. E. P. Kastien. 2,025,289; Dec. 24.
- Fence post. W. J. Kibler. 2,004,629; June 11.
- Fence post. N. B. Obbard. 2,008,794; July 23.
- Fence post and forming the same, Composite. H. E. Austin. 1,993,049; Mar. 5.
- Fence, Sectional joinder. H. E. Tautz. 2,015,734; Oct. 1.
- Fence structure and making the same. F. H. Ruppel. 1,987,312; Jan. 8.
- Fence tightener, Wire. O. O. Aubol. 1,985,878; Jan. 1.
- Fence tool. R. Utiger. 2,013,223; Sept. 3.
- Fender and spare tire case, Combined. J. Schulman. 1,996,259; Apr. 2.
- Fender shield, Actuated. J. Anchor. 2,000,813; May 7.
- Fender, Velocipede. B. J. Anderson. 2,006,617; July 2.
- Fenderwell lock. F. A. Smith. 1,991,181; Feb. 12.
- Fender well tire holding and covering means, Combination. G. A. Lyon. 2,022,131; Nov. 26.
- Ferric chloride, Producing hydrated. E. T. Ladd. 2,021,791; Nov. 19.
- Ferric compounds, Production of. S. I. Levy and G. W. Gray. 2,002,859; May 28.
- Ferric oxide by burning ferric chloride, Production of. E. W. Wescott. 1,992,685; Feb. 26.
- Ferro-chromium, Producing. V. Angelini. 2,008,055; July 16.
- Ferro-concrete container. H. Borsari-Fischer. 1,999,325; Apr. 30.
- Ferro-prussiate printing. H. D. Murray. 2,014,692; Sept. 17.
- Ferrous article and making it, Metal coated. F. M. Crapo. 2,023,364; Dec. 3.
- Ferrous article, Preparing and nitriding a. A. W. Morris. 1,997,004-6; Apr. 9.
- Ferrous articles, Annealing and cleaning. G. A. Reinhardt. 1,989,884; Feb. 5.
- Ferrous articles, Making composite. M. R. Trembour. 2,023,908; Dec. 10.
- Ferrous impurities from sands, Removing. J. A. Crew. 1,989,789; Feb. 5.
- Ferrule contracting tool. S. T. Williams. 2,009,829; July 30.
- Ferrule for uncut carbon electrode sticks, Carbon saver. C. A. Fuchs. 1,997,297; Apr. 9.
- Fertilizer. J. S. Demontis. 2,017,711; Oct. 15.
- Fertilizer. E. T. Keenan. 2,002,400; May 21.
- Fertilizer and method of fertilizing. W. Eggert, Jr. 2,017,090; Oct. 15.
- Fertilizer and production of the same. C. K. Lawrence. 2,019,713; Nov. 5.
- Fertilizer dropping mechanism for seed drills. P. R. Crutcher. 1,993,649; Mar. 5.
- Fertilizer from cellulose materials by bacterial action, Production of. F. Nuske. 2,004,706; June 11.
- Fertilizer, Manufacture of phosphate. M. Shoeld. 1,986,293; Jan. 1.
- Fertilizer, Manufacturing a nitrogen. G. Berkhoff, Jr. 2,007,419; July 9.
- Fertilizer method. H. Tramm. 2,025,915; Dec. 31.
- Fertilizer, Preparing a peat-containing. W. Liehr and E. Dyckerhoff. 2,019,824; Nov. 5.
- Fertilizer, Producing concentrated. B. G. Klugh. 1,989,756; Feb. 5.
- Fertilizer, Production of. L. T. Hopkinson. 2,003,887; June 4.
- Fertilizer spreader. K. B. Cornia. 2,008,129; July 16.
- Fertilizer spreader. F. La Flamme. 2,013,158; Sept. 3.
- Fertilizers, Producing. H. Tramm. 2,025,916; Dec. 31.
- Fertilizers, Production of. A. J. Prince. 2,008,469; July 16.
- Fertilizers, Production of. H. Tramm and C. Clar. 1,999,026; Apr. 23.
- Fertilizers, Production of mixed. C. Krauch, C. Eyer, G. Baetz, and F. Korn. 2,005,997; June 25.
- Fertilizing implement. M. E. McRae. 2,014,003; Sept. 10.
- Fertilizing tool. F. A. Bartlett. 1,997,097; Apr. 9.
- Festooning device. G. F. Wikle. 2,010,122; Aug. 6.
- Festooning mechanism for loop driers. A. O. Hurxthal and E. B. Kerst. 1,990,406; Feb. 5.
- Fiber and preparing same, Organic. G. R. Tucker and L. W. Isom. 1,992,589; Feb. 26.
- Fiber and producing same, Artificial. R. H. Kagi. 2,019,185; Oct. 29.
- Fiber and the product, Treatment of. B. E. Roetheli. 2,010,324; Aug. 6.
- Fiber articles, Manufacture of. G. A. Richter. 2,013,841; Sept. 10.
- Fiber articles or sheets, Manufacture of impregnated. G. A. Richter and M. O. Schur. 2,024,600; Dec. 17.
- Fiber board box, Reinforced. K. W. Petersen. 2,000,982; May 14.
- Fiberboard container support. E. S. Gomes. 2,021,235; Nov. 19.
- Fiberboard shipping container. E. S. Gomes. 2,021,234; Nov. 19.
- Fiber cakes, Processing. H. S. Drum and W. C. Dodson. 2,017,691; Oct. 15.
- Fiber container, Steel reinforced. J. A. Eden, Jr. 1,988,838; Jan. 22.
- Fiber from seed cotton, Apparatus for removing. N. B. Henry. 2,022,564; Nov. 26.
- Fiber from waste paper, Recovering. F. H. Snyder. 1,988,363; Jan. 15.
- Fiber gathering machine. R. W. Henderson. 1,995,510; Mar. 26.
- Fiber gear. J. C. Sherman. 1,999,062; Apr. 23.
- Fiber liberation, Method and apparatus for. L. D. Smiley. 2,011,595; Aug. 20.
- Fiber, Manufacture of vulcanized. J. K. Anthony. 1,988,441; Jan. 22.
- Fiber, Manufacture of vulcanized. J. K. Anthony. 2,008,432; July 16.
- Fiber plastic, Cold molding and rolling. C. Batcheller. 1,995,412; Mar. 26.
- Fiber, Process and apparatus for making laminated vulcanized. W. M. Shoemaker, Jr. 1,988,340; Jan. 15.
- Fiber removing apparatus. R. W. McLean. 1,999,845; Apr. 30.
- Fiber-rubber product. M. R. Day. 2,013,553; Sept. 3.
- Fiber, Vulcanized. J. H. Young. 2,015,132; Sept. 24.
- Fibers and the product thereof, Weighting. O. Berg, M. Imhoff, and O. E. Heiberg. 1,990,449-50; Feb. 5.
- Fibers, Device for use in making cross sections of. J. I. Hardy. 2,011,444; Aug. 13.
- Fibers for paper-making and other purposes, Production of. G. A. Richter. 1,995,900; Mar. 26.
- Fibers, Lubricating natural and artificial. A. G. Bouhuys. 2,025,434; Dec. 24.
- Fibers, Mechanism for twisting. F. E. Banfield, Jr., and H. R. Marsh. 1,986,755; Jan. 1.
- Fibers of cellulose esters, Manufacture of. R. Haller and A. Ruperti. 1,995,804; Mar. 26.
- Fibers or fabrics, Artificial. L. Lilienfeld. 1,989,101; Jan. 29.
- Fibers, Process and apparatus for preparing cellulose. J. P. Foster. 2,013,042; Sept. 3.
- Fibers, Treating natural and artificial. A. G. Bouhuys. 2,025,435; Dec. 24.
- Fibroin salt solutions, Manufacture of. H. Mahn and W. Irion. 2,006,507; July 2.
- Fibroin solutions, Manufacture of. E. Hubert, W. Irion, and H. Mahn. 2,019,225; Oct. 29.
- Fibroin solutions, Manufacture of. W. Irion and H. Mahn. 2,002,163; May 21.
- Fibrous and textile materials, Treatment of. B. Rewald. 2,020,517; Nov. 12.
- Fibrous articles, Making rubber backed. G. W. Trobridge. 1,988,928; Jan. 22.
- Fibrous bodied articles and producing the same. E. C. Sloan. 2,013,865; Sept. 10.
- Fibrous bodied container. W. L. Rutkowski. 2,007,346-7; July 9.
- Fibrous bodies, Staining. L. W. Woodford. 2,013,329; Sept. 3.
- Fibrous cellulose mass and chemical reaction therewith. W. F. Hoffman. 2,025,283; Dec. 24.
- Fibrous composition. H. C. Fisher. 2,023,675; Dec. 10.
- Fibrous composition. G. E. Wightman. 1,996,314; Apr. 2.
- Fibrous composition and producing the same. E. W. Madge and F. J. Payne. 2,010,871; Aug. 13.
- Fibrous esterification of cellulose. C. J. Malm and C. L. Fletcher. 2,019,920; Nov. 5.
- Fibrous layer, Reinforced. F. L. Bryant and G. S. Mathey. 2,017,339; Oct. 15.
- Fibrous material and producing it. G. L. Schwartz. 2,011,914; Aug. 20.
- Fibrous material, Artificial. L. Lilienfeld. 1,989,100; Jan. 29.
- Fibrous material for incorporation in fabrics, Apparatus for supplying. J. Morton. 2,000,643; May 7.
- Fibrous material from liquids, Apparatus for removing. W. S. Wise. 1,995,829; Mar. 26.
- Fibrous material, Method and apparatus for conditioning. R. B. Smith. 1,989,562; Jan. 29.

- Fibrous material, Preparation of. E. Olsson. 2,006,559; July 2.
- Fibrous material, Treating. E. Olsson. 1,991,413; Feb. 19.
- Fibrous material, Treatment of artificial. L. Lilienfeld. 2,001,621; May 14.
- Fibrous materials, Treating. F. Seidel and J. Ronke. 1,992,778; Feb. 26.
- Fibrous product and making same, Felted. J. J. Blum. 2,006,626; July 2.
- Fibrous shapes, Method and apparatus for making. E. Burke. 2,019,890; Nov. 5.
- Fibrous sheet material, Method and apparatus for making. C. W. Leguillon. 2,023,273; Dec. 3.
- Fifth wheel. H. Ketel. 1,991,507; Feb. 19.
- Fifth wheel. C. H. Kingham. 2,015,941; Oct. 1.
- Fifth wheel. C. A., L. J., and H. L. Rogers. 1,999,980; Apr. 30.
- Figure sign. J. N. Flema. 2,012,468; Aug. 27.
- Figured fabric. H. J. Carragher and D. A. Grenon. 1,992,604; Feb. 26.
- Filament and its production, Artificial. W. Mendel. 2,002,153; May 21.
- Filament, Artificial silk. J. A. Singmaster. 2,000,671; May 7.
- Filament for thermionic tube. W. Wehnert. 1,987,424; Jan. 8.
- Filament, Heat treated oiled. V. R. Pallas. 1,999,134; Apr. 23.
- Filament support. J. McCullough. 2,000,567; May 7.
- Filament, yarn, or thread, Artificial. H. Dreyfus, W. A. Dickie, and W. I. Taylor. 1,996,796; Apr. 9.
- Filamentary material, Apparatus for coating. V. L. Ronci, J. R. Wilson, and C. Depew. 1,986,533; Jan. 1.
- Filamentary materials, Treatment of. E. L. Greenwood. 2,022,854; Dec. 3.
- Filaments and the like, Manufacture of artificial. H. Dreyfus. 1,992,609; Feb. 26.
- Filaments, Artificial. C. Dreyfus and W. Whitehead. 1,999,182; Apr. 30.
- Filaments, Making artificial. C. Dreyfus and W. Whitehead. 1,997,632; Apr. 16.
- Filaments, Manufacture of artificial. R. Etzkorn. 1,990,897; Feb. 12.
- Filaments, Manufacture of artificial. T. Koch and J. G. Weeldenburg. 2,014,343; Sept. 10.
- Filaments, Method of and apparatus for treating. W. P. Zabel. 1,992,797; Feb. 26.
- Filaments of cellulose acetate, Moisture resistant. P. C. Seel. 1,997,316; Apr. 9.
- Filaments onto bobbins, Apparatus for guiding. J. Kalff. 2,025,988; Dec. 31.
- Filaments or the like, Apparatus for the manufacture of artificial. E. Kinsella. 2,013,688; Sept. 10.
- Filaments or threads, Manufacture of artificial. H. Dreyfus. 1,997,633; Apr. 16.
- Filaments, Production of artificial. A. Bernstein. 1,996,989; Apr. 9.
- Filaments, Production of artificial. E. Kinsella and C. W. Addy. 1,999,415; Apr. 30.
- Filaments, threads, films, fabrics and the like, Manufacture of artificial. H. Dreyfus. 2,022,411; Nov. 26.
- Filaments, threads, ribbons, films and similar materials, Production of artificial. W. L. Taylor. 2,002,066; May 21.
- Filaments, threads, ribbons, films, and the like, Production of artificial. H. Dreyfus. 2,004,271; June 11.
- Filaments, threads, yarns, and the like, Treatment of. H. M. Hibbert and R. P. Roberts. 2,005,785; June 25.
- Filaments, yarns or threads, Production artificial. W. I. Taylor and L. B. Gibbins. 2,001,000; May 14.
- Filaments, yarns, ribbons, films, and other materials made of or containing cellulose esters or ethers, Production and treatment of. W. I. Taylor. 2,025,962; Dec. 31.
- File box. D. H. Storey. 2,023,862; Dec. 10.
- File, Card index. B. G. Rand. 1,999,157; Apr. 23.
- File case. R. Wurzburg. 1,994,159; Mar. 12.
- File case, Transfer. H. J. Anglin. 2,001,561; May 14.
- File cleaner. W. H. Stevens. 2,013,545; Sept. 3.
- File for perforated sheets. L. and G. Staab. 1,995,590; Mar. 26.
- File indicator. B. H. Doble. 2,006,945; July 2.
- File, Ledger. R. Lutter. 1,999,332; Apr. 30.
- File, Paper. J. A. Johnson. 2,018,641; Oct. 22.
- File, Protected record. J. Q. Sherman. 2,014,267; Sept. 10.
- File, Route. T. W. Flory. 2,002,887; May 28.
- Filing device. A. A. Ainsworth. 1,988,368; Jan. 15.
- Filing device. W. E. Camp. 1,992,186; Feb. 26.
- Filing device. J. H. Field. 1,992,694; Feb. 26.
- Filing device and making the same. LeR. E. Hutchings. 2,026,500; Dec. 31.
- Filing device, Transparent. A. W. Engel. 1,993,505; Mar. 5.
- Filing equipment. A. B. Pfeifer and L. D. Mowery. 1,996,523; Apr. 2.
- Filing system. J. M. Keplar. 2,003,202; May 28.
- Fill cap. W. N. Glab. 1,986,143; Jan. 1.
- Filler and flat construction. R. Guyer. 1,989,316; Jan. 29.
- Filler device for shoes. A. A. Lawson. 1,991,462; Feb. 19.
- Filler for quilts or the like. J. Goodstein. 2,001,782; May 21.
- Filler material for welding. A. R. Lytle. 2,015,859; Oct. 1.
- Filler materials, Spherulizing fusible pulverizable. C. G. Gilbert. 1,995,803; Mar. 26.
- Filler neck. C. L. Knutson. 1,991,946; Feb. 19.
- Filler package. J. L. Coyle. 2,001,816; May 21.
- Filler unit. E. E. Koenig and G. McK. Mills. 2,015,754; Oct. 1.
- Fillers, Preparing aggregates and. V. E. Watts. 2,016,306; Oct. 8.
- Filling and weighing machine. C. F. Richard. 1,986,069; Jan. 1.
- Filling apparatus. C. H. Vogt. 2,011,989; Aug. 20.
- Filling cutter. J. Northrop. 2,009,901; July 30.
- Filling detector for looms. F. G. Cobb. 2,007,824; July 9.
- Filling feeder. C. T. Kay. 1,990,332; Feb. 5.
- Filling machine. A. Andreas. 2,004,593; June 11.
- Filling machine. L. De Markus. 1,995,918; Mar. 26.
- Filling machine. J. F. Geyer. 1,993,367; Mar. 5.
- Filling machine. M. Goldberg. 2,014,323; Sept. 10.
- Filling machine. J. Schmidt. 1,992,829; Feb. 26.
- Filling machine. A. E. Schneider. 1,987,580; Jan. 8.
- Filling machine for aerated mineral water siphon bottles. L. E. Cowey. 2,021,543; Nov. 19.
- Filling material into receptacles. L. B. Winton. 2,013,678; Sept. 10.
- Filling mechanism, Combination of. L. Hirschhorn and H. Irmischer. 2,015,071; Sept. 24.
- Filling of truck tanks. P. S. Shield. 2,013,510; Sept. 3.
- Filling or packing material. C. A. Herbst. 1,986,819; Jan. 8.
- Filling replenishing mechanism, Feeler-controlled. J. M. Tuten. 2,009,864; July 30.
- Filling station pump. C. Walker. 2,024,320; Dec. 17.
- Film across a sound aperture, Apparatus for advancing. A. Kindelmann and B. Boecking. 1,989,754; Feb. 5.
- Film and a laminated protective coating therefor, Photographic. M. H. Caruso. 2,008,435; July 16.
- Film and process, Three-color. D. K. Allison. 2,014,606; Sept. 17.
- Film, Apparatus for and process of developing. T. M. Ingman. 1,991,251; Feb. 12.
- Film, Apparatus for developing sound track motion picture. S. R. Heisler. 1,986,107; Jan. 1.
- Film, Apparatus for duplicating goffered. O. E. Miller. 2,008,989; July 23.
- Film, Apparatus for tinting photographic. K. C. D. Hickman. 1,987,062; Jan. 8.
- Film, Apparatus for treating photographic. G. C. Beidler. 2,025,371; Dec. 24.
- Film apparatus, Sound. F. H. Owens. 2,002,351; May 21.
- Film apparatus, Sound. F. H. Owens. 2,002,352; May 21.
- Film, Automatically rolling and rerolling a. B. A. Proctor. 1,992,237; Feb. 26.
- Film bearing a sound record, Cinematograph color. C. Bonamico. 2,008,239; July 16.
- Film cartridge and spool for use therein, Photographic. O. Wittel. 2,005,405; June 18.
- Film checking device for synchronized sound pictures. C. Cretin. 1,989,971; Feb. 5.
- Film cuing device, Automatic. I. R. Danuff and R. Horowitz. 1,988,868; Jan. 22.
- Film cut-out. L. J. Barwood. 2,014,409; Sept. 17.
- Film developing method and apparatus. B. Burns. 1,998,154; Apr. 16.
- Film, Device for recording or reproducing a sound. W. Six and R. Vermeulen. 2,020,857; Nov. 12.
- Film driving means for sound recording cameras. J. L. Spence, Jr. 2,016,656; Oct. 8.
- Film driving mechanism. G. P. Regan. 2,008,402; July 16.
- Film, Edge marked motion picture. J. I. Crabtree. 2,024,627; Dec. 17.
- Film editing and splicing apparatus. A. R. Guth. 2,022,934; Dec. 3.
- Film employed without use of a protective paper strip, Photographic and cinematographic. H. Lummerzheim. 1,989,813; Feb. 5.
- Film equipment, Sound. K. Riess and O. Liebchen. 2,023,770; Dec. 10.
- Film exhibitor. H. B. Shapiro. 1,999,133; Apr. 23.
- Film exposure timing machine. V. C. de Ybarrodo. 1,993,958; Mar. 12.
- Film feed mechanism for photographic roll film cameras. R. Müller. 2,016,611; Oct. 8.
- Film-feeding mechanism, Constant-speed. A. Poulsen. 2,006,719; July 2.
- Film feeding mechanism for cinematograph apparatus. E. Eisemann. 2,006,297; June 25.
- Film forming machine. C. E. Hetzel. 2,017,094; Oct. 15.
- Film footage indicator for amateur film magazines. A. Kindelmann and J. Pearlman. 1,991,508; Feb. 19.
- Film free from halation, Photographic. W. Schneider and K. Hebel. 1,994,875-6; Mar. 19.
- Film gate. M. G. Clay. 2,017,203; Oct. 15.
- Film gate. W. A. Schulz. 1,991,870; Feb. 19.
- Film gate and septum for projecting machines. R. Thomas. 2,016,690; Oct. 8.
- Film guiding device. E. W. Kellogg. 2,012,130; Aug. 20.
- Film guiding mechanism. J. D. Basson. 2,002,074; May 21.
- Film handling and sound reproducing apparatus. W. D. Foster and E. L. Parmelee. 2,005,737; June 25.
- Film handling apparatus. W. D. Foster and E. L. Parmelee. 2,009,443; July 30.

- Film handling apparatus. W. D. Foster and F. D. Sweet. 1,993,735; Mar. 12.
- Film handling apparatus. W. D. Foster and F. D. Sweet. 1,996,759; Apr. 9.
- Film handling apparatus. W. D. Foster and F. D. Sweet. 2,007,188; July 9.
- Film handling apparatus and footage recording device therefor. W. D. Foster and F. D. Sweet. 2,014,202; Sept. 10.
- Film handling device. Multiple. B. Burns and H. B. Lewis. 2,001,322; May 14.
- Film having a photographic sound record for preparing same. A. C. G. Petersen. 1,997,976; Apr. 16.
- Film holder. C. E. Bedaux. 2,017,142; Oct. 15.
- Film holder for projection printing. Wet. R. P. Leavitt. 1,987,067; Jan. 8.
- Film in natural colors. Cinematographic. G. A. Raguin. 2,025,671; Dec. 24.
- Film magazine and the like. R. G. Fear. 2,007,468; July 9.
- Film magazine for picture projectors. W. W. Wood. 1,996,782; Apr. 9.
- Film magazine. Motion picture. O. Wittel. 2,005,404; June 18.
- Film material. Making transparent. E. M. Kratz. 2,001,389; May 14.
- Film material. Process and apparatus for the recovery of the constituents of photographic. R. Spelling. 2,013,769; Sept. 10.
- Film measuring and splicing machine. A. S. Howell. 1,994,913; Mar. 19.
- Film. Method and apparatus for duplicating goffered. F. Tuttle. 1,997,325; Apr. 9.
- Film movement. G. B. Pollock. 1,997,266; Apr. 9.
- Film moving assembly. Easily threaded. O. Wittel. 2,017,138; Oct. 15.
- Film pack construction. W. V. D. Kelley. 1,998,584; Apr. 23.
- Film-pack for multicolor photography. A. von Biebler. 1,994,627; Mar. 19.
- Film package. J. A. Saffir. 2,010,646; Aug. 6.
- Film. Photographic. C. R. Fordyce. 2,000,587; May 7.
- Film. Photographic-roll. A. Barényi. 1,991,442; Feb. 19.
- Film printing machine. Stereoscopic moving picture. K. F. Marx. 2,001,280; May 14.
- Film. Process of and apparatus for developing. T. M. Ingman, F. E. Garbutt, and L. M. Griffith. 1,991,249; Feb. 12.
- Film processing method and apparatus. Continuous. C. L. Lootens. 2,015,346; Sept. 24.
- Film. Producing uniform motion in a sound. L. Day. 2,003,276; May 28.
- Film. Production of a colored sound. B. Gaspar. 2,025,658; Dec. 24.
- Film projecting apparatus. L. Soman. 1,997,124; Apr. 9.
- Film recording or reproducing apparatus. Sound-on. H. Joachim. 2,026,232; Dec. 31.
- Film recording system. Sound. W. J. Albersheim. 1,998,064; Apr. 16.
- Film reel. W. G. King and M. E. Krause. 2,003,510; June 4.
- Film reel. R. P. May. 2,015,860; Oct. 1.
- Film reproducing apparatus. Portable sound. D. von Mihály. 2,025,366; Dec. 24.
- Film roller and driving mechanism. B. Burns. 1,992,989; Mar. 5.
- Film rolls from the entry of light. Protecting. E. Schnitzler. 1,987,247; Jan. 8.
- Film-sheets in cameras. Apparatus for holding and feeding photographic. J. H. Hogan. 2,017,096; Oct. 15.
- Film socket filler. K. A. Sawin. 1,991,467; Feb. 19.
- Film. Sound. R. Schmidt. 2,005,847; June 25.
- Film spacing in stereoscopic apparatus. M. Fayolle. 2,006,914; July 2.
- Film splicing. A. Narath. 2,021,016; Nov. 12.
- Film strips. Apparatus for applying indications to. F. Tlapak. 2,007,135; July 2.
- Film strips through liquid baths. Method of and apparatus for moving. H. N. Ensign and H. A. Hanson. 2,008,439; July 16.
- Film take-up mechanism. B. Burns. 2,005,254; June 18.
- Film-threading control. Automatic. W. A. Riddell. 2,024,660; Dec. 17.
- Film threading motion picture machine. Automatic. R. P. May. 1,997,409; Apr. 9.
- Film tinting machine. O. E. Conklin. 1,987,387; Jan. 8.
- Film transfer illuminator. Wet. A. W. Buck. 2,012,940; Sept. 3.
- Film. Transparent. W. C. Calvert. 1,989,632; Jan. 29.
- Film unit advertising device. Automatic. H. L. Erickson and P. N. Moody. 2,012,501; Aug. 27.
- Film unit. Endless. F. Klein. 1,991,394; Feb. 19.
- Films according to the amplitude process. Production of sound. E. Gerlach. 1,995,976; Mar. 26.
- Films and foils. Apparatus for use in the manufacture of. E. Kinsella. 2,020,687; Nov. 12.
- Films and foils. Manufacture of. H. Dreyfus. 2,007,392; July 9.
- Films and of carriers for the same. Manufacture of photographic. M. Renker. 1,997,745; Apr. 16.
- Films and the like and products thereby made. Making. H. F. Robertson. 2,010,963; Aug. 13.
- Films. Apparatus for copying goffered. S. B. Colgate. 2,026,376; Dec. 31.
- Films. Apparatus for copying motion picture. J. F. Capstaff. 2,011,353; Aug. 13.
- Films. Apparatus for goffering lenticulated. H. Arnl and J. Thiry. 1,992,279; Feb. 26.
- Films. Apparatus for printing sound motion picture. O. A. Ross. 1,991,630; Feb. 19.
- Films. Controlling the operation of picture and/or sound. S. Maluss and I. H. Yadin. 2,016,506; Oct. 8.
- Films. Developing method for cinematographic. P. Vanet. 1,994,735; Mar. 19.
- Films. Device for recording and reproducing. W. Six, R. Vermeulen and H. de Jong. 2,023,649; Dec. 10.
- Films. Device for working with lenticulated. K. Rantsch. 2,011,263; Aug. 13.
- Films for reproduction in colors. Preparing. G. G. Moreno. 2,020,564; Nov. 12.
- Films from the side of the photographic layer. Device for illuminating lenticulated. F. Fischer, F. Strecker, and K. Rantsch. 2,019,698; Nov. 5.
- Films. Holding dental. G. D. Malkasian. 2,021,190; Nov. 19.
- Films in natural color. Producing. W. T. Crespinel. 2,009,689; July 30.
- Films in natural colors. Apparatus for projecting lenticular. G. Heymer. 1,991,670; Feb. 19.
- Films. Manufacture of lenticular. G. Heymer. 1,996,868; Apr. 9.
- Films. Method and apparatus for copying motion picture. J. G. Capstaff. 2,011,352; Aug. 13.
- Films. Obtaining three color. P. E. F. Lessertisseux. 2,008,457; July 16.
- Films on supports and article produced thereby. Fastening photographic. M. Hagedorn and A. Jung. 2,010,188; Aug. 6.
- Films on to colored material. Copying from lenticular screen. B. Gaspar. 1,986,054; Jan. 1.
- Films. Preserving colloid. G. S. Rowell. 1,992,965; Mar. 5.
- Films. Printing cinematographic. P. Vanet. 1,993,812; Mar. 12.
- Films. Printing sound and moving picture. R. Schmidt. 2,018,812; Oct. 29.
- Films. Preventing adhesion of. J. E. Brandenberger and P. Vanet. 2,008,815; July 23.
- Films. Processing motion picture. G. J. Gage. 2,011,576; Aug. 20.
- Films. Production of cinematographic. G. A. Raguin. 2,016,217; Oct. 1.
- Films. Rediting of talking. J. H. Hammond, Jr. 2,008,700; July 23.
- Films, sheets, and the like. Utilization of cellulosic. J. M. Driver. 2,004,041; June 4.
- Films. Storing and dispensing radiographic. F. T. Powers. 1,991,698; Feb. 19.
- Filter: See—
- Air filter. Mechanical wave filter.
 - Bag filter. Multistage filter.
 - Coffee filter. Oil filter.
 - Discharge tube filter. Pressure filter.
 - Electric filter. Pressure solvent filter.
 - Electrical wave filter. Renewable filter.
 - Electrophonic filter. Slit filter.
 - Faucet filter. Suction filter.
 - Fuel filter. Uniform impedance filter.
 - Fuel oil filter. Vacuum cleaner filter.
 - High frequency band filter. Wave-band filter.
 - Key click filter. Wave filter.
- Filter. R. P. Adams. 2,009,352; July 23.
- Filter. H. O. Beatty. 1,989,306; Jan. 29.
- Filter. G. Blaufuss. 2,009,382; July 30.
- Filter. J. Brown. 2,017,232; Oct. 15.
- Filter. R. N. Burckhalter and J. M. Osburn. 1,988,262; Jan. 15.
- Filter. R. S. Butler. 2,024,426; Dec. 17.
- Filter. W. L. Chapman. 2,022,403; Nov. 26.
- Filter. E. Cocks and L. D. McGown. 2,024,719; Dec. 17.
- Filter. C. Davies. 2,002,936; May 28.
- Filter. C. Davies. 2,008,751; July 23.
- Filter. C. H. Dooley. 2,014,105; Sept. 10.
- Filter. L. Durgen. 1,991,847; Feb. 19.
- Filter. L. B. Flood. 1,987,847; Jan. 15.
- Filter. J. Gans. 1,986,570; Jan. 1.
- Filter. C. Gatewood. 2,017,277; Oct. 15.
- Filter. F. J. Given. 2,000,441; May 7.
- Filter. C. W. Hansell. 2,001,387; May 14.
- Filter. C. W. Hansell. 2,005,083; June 18.
- Filter. C. W. Hansell. 2,018,358; Oct. 22.
- Filter. C. Hungerford. 1,998,279; Apr. 16.
- Filter. W. A. Kuenzli and C. E. Ploeger. 2,021,452; Nov. 19.
- Filter. R. P. F. Liddell. 1,994,656; Mar. 19.
- Filter. T. F. Mandahl. 1,991,286; Feb. 12.
- Filter. A. J. Merritt. 1,999,913; Apr. 30.
- Filter. M. F. Moran. 2,002,826; May 28.
- Filter. V. C. Norquist. 1,996,000; Mar. 26.
- Filter. V. C. Norquist. 2,013,634; Sept. 3.
- Filter. H. J. Somers. 2,008,800; July 23.
- Filter. L. D. Stuart. 1,992,101; Feb. 19.
- Filter. E. F. Wemhoener. 2,024,122; Dec. 10.
- Filter. M. Wilderman. 2,016,163; Oct. 1.
- Filter. P. Wirth. 1,988,227; Jan. 15.
- Filter. H. B. Whitmore. 2,022,069; Nov. 26.
- Filter. E. Zahm. 1,991,187; Feb. 12.
- Filter. J. Zwicky. 2,024,753; Dec. 17.
- Filter and cooler. Oil. J. E. Kline. 1,989,598; Jan. 29.

- Filter and making it. J. T. Littleton. 1,999,770; Apr. 30.
 Filter and mixer, Liquid. W. W. Potter. 1,994,867; Mar. 19.
 Filter apparatus. E. L. Williams. 2,014,034; Sept. 10.
 Filtercandle for artificial silk and process of filtering artificial silk solutions. M. Wilderman. 2,016,161; Oct. 1.
 Filter fabric. A. G. Lemaire. 2,016,786; Oct. 8.
 Filter for dry cleaning solutions. J. Wiesman. 2,013,776; Sept. 10.
 Filter for dry cleansing liquid. J. B. Kirby. 2,016,550; Oct. 8.
 Filter for gas heaters, Air. B. C. Bartlebaugh. 2,016,701; Oct. 8.
 Filter for greases and oils used in cooking and frying. E. M. Weinberger. 1,998,797; Apr. 23.
 Filter for tobacco smoking pipes. M. L. Smith. 2,009,279; July 23.
 Filter holder. M. F. Cargill. 1,986,957; Jan. 8.
 Filter holder. A. B. Fuller. 1,987,058; Jan. 8.
 Filter leaf structure. W. H. Bachelder. 2,023,910; Dec. 10.
 Filter media and making the same. B. E. Broadwell and L. C. Werking. 1,988,478; Jan. 22.
 Filter plugs or wads for cigarettes, Method and machine for making. W. E. Molins. 1,988,805; Jan. 22.
 Filter press. H. T. Durant. 2,006,181; June 25.
 Filter, Process and apparatus for. W. J. Libbey and L. G. Bousquet. 1,993,175; Mar. 5.
 Filter system for mercury-arc rectifiers. H. A. Rose. 2,015,534; Sept. 24.
 Filter used in taking and projecting photos on lenticulated films, Multicolor. H. Frieser. 1,989,748; Feb. 5.
 Filter window for welders' helmets. E. U. Gingg. 2,017,059; Oct. 15.
 Filtering and clarifying apparatus, Centrifugal. P. D. Smith and D. H. Clary. 2,015,162; Sept. 24.
 Filtering apparatus. F. M. Clark. 2,025,570; Dec. 24.
 Filtering apparatus. K. Nagao. 2,021,081; Nov. 12.
 Filtering apparatus. F. G. Seeley. 2,008,598; July 16.
 Filtering apparatus. D. Teatini. 2,024,955; Dec. 17.
 Filtering apparatus and operating the same. R. Mensing. 2,014,144; Sept. 10.
 Filtering composition and making the same. W. C. Kuppinger. 2,008,327; July 16.
 Filtering device. F. M. Boyer. 2,016,740; Oct. 8.
 Filtering, High temperature. R. B. Rathbun. 1,995,648; Mar. 26.
 Filtering, High temperature. R. B. Rathbun. 1,995,651; Mar. 26.
 Filtering material. G. R. Ericson. 2,007,753; July 9.
 Filtering or straining apparatus. W. R. Beldam. 2,015,467; Sept. 24.
 Filtering product and making the same. C. R. Minton. 2,000,777; May 7.
 Filtering system. R. B. Rathbun. 1,995,650; Mar. 26.
 Filtration apparatus and method. G. L. Matheson. 2,010,435; Aug. 6.
 Fin radiator. A. H. Hart. 1,997,058; Apr. 9.
 Finned articles, Method and apparatus for making. C. W. Gordon. 1,990,069; Feb. 5.
 Finding for a clasp. C. Pearson. 2,001,213; May 14.
 Fine-grading machine. R. D. Baker. 1,995,629; Mar. 26.
 Fines, Apparatus for roasting. W. J. Burgoyne and H. J. Cordy. 2,025,799; Dec. 31.
 Finger bar for use with stringed musical instruments. H. J. Spina. 2,021,641; Nov. 19.
 Finger bar for use with stringed musical instruments. H. J. Spina. 2,025,786; Dec. 31.
 Finger holder. C. Q. Garey. 2,024,159; Dec. 17.
 Finger nails, Apparatus for polishing. A. W. Doux. 1,995,566; Mar. 26.
 Finger pick. Y. K. Kealoha. 2,016,438; Oct. 8.
 Finger print record and making same. F. S. Rich. 2,020,376; Nov. 12.
 Finger print recorder. S. W. Pierce. 2,006,744; July 2.
 Finger prints, Apparatus facilitating the classification of. J. L. Williams. 2,007,589; July 9.
 Finger ring. G. A. Harriss. 2,014,122; Sept. 10.
 Finger ring. M. N. Harris. 2,000,228; May 7.
 Finger ring. M. Manne. 2,019,053; Oct. 29.
 Finger training device. E. Morris. 2,025,604; Dec. 24.
 Finial construction. J. M. Stangl. 2,008,047; July 16.
 Finish, Protective. M. J. Callahan. 2,003,068; May 28.
 Finish remover. C. Ellis. 1,999,165; Apr. 23.
 Finish surface and applying same. R. E. Kelley. 1,988,450; Jan. 22.
 Finishes imitative of stone, Producing. H. Cohen. 2,002,848; May 28.
 Finishing automobile or similar bodies. B. C. Place. 1,989,559; Jan. 29.
 Finishing machine. W. R. Barclay. 1,993,953; Mar. 12.
 Finishing machine. I. E. Booth. 1,986,969; Jan. 8.
 Finishing machine. W. Hamann. 1,986,968; Jan. 8.
 Finishing machine. F. B. Keall. 2,000,961; May 14.
 Finishing machine for stereotype printing plates. H. A. W. Wood. 2,006,665; July 2.
 Finishing strip. F. A. Best. 2,004,364; June 11.
 Finishing tool. E. J. Lees. 2,025,688; Dec. 24.
 Finishing tool. H. C. Warner. 1,997,244; Apr. 9.
 Fire alarm actuating apparatus. R. Fox. 2,014,042; Sept. 10.
 Fire alarm and extinguishing apparatus. W. Theissing. 2,024,316; Dec. 17.
 Fire alarm, Automatic. E. M. Thacker, Jr., and R. B. Munday. 1,991,004; Feb. 12.
 Fire alarm, Automatic and electric. P. Di Bella. 2,012,756; Aug. 27.
 Fire alarm box attachment. R. B. Long. 2,020,279; Nov. 5.
 Fire alarm box lock. J. F. Ebert. 1,990,727; Feb. 12.
 Fire alarm device. J. Grison. 1,987,590; Jan. 8.
 Fire alarm mechanism. R. B. Shryock. 1,996,308; Apr. 2.
 Fire alarm system. J. C. Lowry and O. M. Rybolt. 1,999,299; Apr. 30.
 Fire alarm systems, Supervising pneumatic. E. A. Lowe and J. R. Hamilton. 1,986,479; Jan. 1.
 Firearm. F. F. Burton and H. L. Crockett. 1,994,564; Mar. 19.
 Firearm. C. C. Loomis. 2,001,278-9; May 14.
 Firearm. C. C. Loomis. 2,023,929; Dec. 10.
 Firearm. L. H. Reed. 1,993,979; Mar. 12.
 Firearm. C. Sutter. 2,010,742; Aug. 6.
 Firearm, Automatic. J. T. Kewish. 1,993,887; Mar. 12.
 Firearm, Automatic. N. Mancini. 2,016,646; Oct. 8.
 Firearm, Automatic. T. Rakula and F. Herlach. 2,015,908; Oct. 1.
 Firearm for rim-fire cartridges. F. F. Burton. 1,994,565; Mar. 19.
 Firearm of the gas reloading type. F. N. Bröndby. 2,003,066; May 28.
 Firearm, Take-down. A. A. Rowley. 1,996,124; Apr. 2.
 Firearm with a movable barrel, Automatic. R. von Frommer. 1,991,302; Feb. 12.
 Firearm with exchangeable barrel. F. Linder. 2,014,184; Sept. 10.
 Firearms, Safety device for. W. R. Maxwell. 2,000,858; May 7.
 Fire box for boilers. C. A. Siegel. 2,023,620; Dec. 10.
 Firebox, Locomotive. L. Richardson. 2,016,726; Oct. 8.
 Fire control apparatus for guns. R. C. Coupland. 2,012,960; Sept. 3.
 Fire control device. A. M. Campbell. 2,024,625; Dec. 17.
 Fire control of antiaircraft guns, Apparatus for use in the. J. P. Watson. 2,023,257; Dec. 3.
 Fire control table, Antiaircraft. Y. P. G. Le Prieur and A. L. Ricordel. 1,997,303; Apr. 9.
 Fire eliminator, Moving picture film. J. P. Taylor. 2,009,532; July 30.
 Fire extinguisher. J. M. F. Bouillon. 2,025,326; Dec. 24.
 Fire extinguisher. W. B. Bronander. 1,999,584; Apr. 30.
 Fire extinguisher. N. Dubé. 2,011,803; Aug. 20.
 Fire extinguisher. R. Z. Hopkins. 1,998,721; Apr. 23.
 Fire extinguisher. L. C. Loewenstein. 2,023,848; Dec. 10.
 Fire extinguisher. F. Mossberg. 2,020,427; Nov. 12.
 Fire extinguisher. C. A. Norgren. 2,001,394; May 14.
 Fire extinguisher. J. L. Seat. 2,016,301; Oct. 8.
 Fire extinguisher. P. A. Stover and L. B. Miller. 2,011,327; Aug. 13.
 Fire extinguisher. G. L. Tinkham. 1,988,637; Jan. 22.
 Fire extinguisher. G. L. Trueblood. 2,021,493; Nov. 19.
 Fire extinguisher, Automatic. L. B. Burchfield. 2,002,308; May 21.
 Fire extinguisher, Automatic. D. Peccerillo and P. P. Heinz. 1,988,857; Jan. 22.
 Fire extinguisher, Automatic. P. I. Ronning. 2,018,810; Oct. 29.
 Fire extinguisher bracket. R. W. McMullen. 2,017,319; Oct. 15.
 Fire extinguisher container. C. H. Meigs. 1,987,785; Jan. 15.
 Fire extinguisher holder and support. F. A. Dodelin. 2,017,531; Oct. 15.
 Fire extinguishing apparatus. S. E. Allen and O. N. Wiswell. 1,993,696; Mar. 5.
 Fire extinguishing apparatus. E. A. Lowe. 1,996,478; Apr. 2.
 Fire extinguishing apparatus. E. Tyden. 1,996,633; Apr. 2.
 Fire extinguishing apparatus. R. Zieschang. 1,992,276; Feb. 26.
 Fire extinguishing charge containing a double halogen hydrocarbon compound, Self propelling. F. R. Bichowsky. 2,021,981; Nov. 26.
 Fire extinguishing device. P. J. Marchaut. 2,025,953; Dec. 31.
 Fire extinguishing composition. A. Langlois. 2,010,729; Aug. 6.
 Fire extinguishing device. R. E. Jones. 1,989,097; Jan. 29.
 Fire extinguishing device. E. L. Kennedy. 1,997,867; Apr. 16.
 Fire extinguishing device. C. H. Meigs. 2,003,300; June 4.
 Fire extinguishing system. S. E. Allen and O. N. Wiswell. 1,993,695; Mar. 5.
 Fire extinguishing system and apparatus, Automatic. D. Mapes. 2,011,368; Aug. 13.
 Fire fighting system. W. F. Conran. 2,006,709; July 2.
 Fire guard for motion picture machines. G. B. Reay. 1,999,022; Apr. 23.
 Fire hook. C. E. McGhee. 2,017,369; Oct. 15.
 Fire hose coupling, Universal. J. R. Long. 1,995,033; Mar. 19.
 Fire indicating system. W. D. Lindsey. 2,018,499; Oct. 22.
 Fire kindler. E. H. Carleton. 2,007,292; July 9.
 Fire kindler. J. W. H. Randall. 2,015,964; Oct. 1.
 Fire kindler. L. R. Rutherford. 2,007,694; July 9.

- Fireman's protector. F. J. de Javannes. 2,016,137; Oct. 1.
- Fire or draft stop for piers, wharves, and the like. J. McKay. 2,019,188; Oct. 29.
- Fireplace. A. Lindberg. 2,015,485; Sept. 24.
- Fireplace back and water heater structure, Combined. C. W. Perry. 2,006,279; June 25.
- Fireplace construction. D. L. Cage. 1,987,252; Jan. 8.
- Fireplace heater. G. G. Brown. 1,998,427; Apr. 16.
- Fireplace screen. A. G. Lovejoy, Jr. 2,023,604; Dec. 10.
- Fire preventing and extinguishing system for aircraft. C. L. Egtvedt. 2,015,995; Oct. 1.
- Fire prevention system. I. E. Hunter and C. W. Johnson. 1,993,788; Mar. 12.
- Fireproof container. P. D. Mallay and H. R. Poulson. 2,022,251; Nov. 26.
- Fireproof, waterproofing, and polishing compound. A. J. Turner and H. G. Kittredge. 1,992,020; Feb. 19.
- Fireproofing cellulosic materials, Process for. M. Leatherman. 2,017,805; Oct. 15.
- Fire resisting article and making same. J. Fletcher. 2,010,015; Aug. 6.
- Fire screen. A. Gromes. 1,994,888; Mar. 19.
- Fire, System for indicating the presence and location of. H. C. Grant, Jr. 2,003,358; June 4.
- Fire wall. M. Liptak. 2,002,820; May 28.
- Fires, Extinguishing. S. F. Barclay. 2,008,847; July 23.
- Fires, Extinguishing alcohol. B. A. Moeller and G. M. Fisher. 2,011,946; Aug. 20.
- Fires, Extinguishing oil well. P. J. Duffy. 2,000,381; May 7.
- Firing indicator for internal combustion engines. M. McLeod and J. Allan. 1,990,835; Feb. 12.
- Fish bag holder. L. McConnell. 1,996,303; Apr. 2.
- Fish bait, Artificial. J. Nygaard. 1,988,249; Jan. 15.
- Fish bobber, Locking. E. W. Koepke. 1,986,441; Jan. 1.
- Fish by cold storage, Preservation of. H. M. J. de Meric de Bellefon and J. E. A. Folliot. 2,020,109; Nov. 5.
- Fish cannaging machine. W. E. Rooney. 2,015,089; Sept. 24.
- Fish dressing machine. J. L. Rowton. 2,026,251; Dec. 31.
- Fish-holding implement. R. C. Flagg and A. C. Wood, Sr. 2,015,262; Sept. 24.
- Fishhook. J. L. Applegate. 2,009,540; July 30.
- Fishhook. A. E. Becker. 2,026,452; Dec. 31.
- Fishhook. W. I. Foote. 2,004,316; June 11.
- Fishhook, Automatic grab. W. L. and B. J. Nelson. 2,009,298; July 23.
- Fishhook extricator. W. Butte. 1,988,160; Jan. 15.
- Fishhook lure. W. Prevett. 2,019,959; Nov. 5.
- Fish line float. C. J. Petrie. 2,001,109; May 14.
- Fishline reel holder. C. J. Clarke. 1,995,242; Mar. 19.
- Fish lure. A. C. Accetta. 2,000,734; May 7.
- Fish lure. K. F. Chaney. 2,025,270; Dec. 24.
- Fish lure. F. R. Chester. 2,017,486; Oct. 15.
- Fish lure. W. J. De Witt. 2,008,437; July 16.
- Fish lure. W. J. De Witt. 2,023,918; Dec. 10.
- Fish lure. H. R. Haas. 2,008,250; July 16.
- Fish lure. H. H. Hildebrandt. 1,990,693; Feb. 12.
- Fish lure. F. B. Jennings. 1,995,985; Mar. 26.
- Fish lure. H. H. Meyer. 1,997,802; Apr. 16.
- Fish lure. Y. J. Nyvall. 2,010,641; Aug. 6.
- Fish lure. R. W. Post. 2,006,604; July 2.
- Fish lure. A. E. Thornberg. 1,993,868; Mar. 12.
- Fish lure. A. Van Houten. 1,999,522; Apr. 30.
- Fish lure. M. E. Wilson. 1,986,991; Jan. 8.
- Fish lure. S. F. Zuck. 2,017,333; Oct. 15.
- Fish lure, Animated. W. K. Porter. 1,989,460; Jan. 29.
- Fish lure, Artificial. R. W. Francis. 2,007,045; July 2.
- Fish lure, Artificial. A. J. Lauby. 1,996,477; Apr. 2.
- Fish pole holder. O. Gerline. 1,985,985; Jan. 1.
- Fish pole holders. J. J. Haskin. 2,003,535; June 4.
- Fish scaler. H. A. Olson. 1,997,339; Apr. 9.
- Fish snatcher. D. Ezell. 1,989,407; Jan. 29.
- Fish stringer. W. M. Jordan. 2,007,090; July 2.
- Fish stringer. B. V. McCaul. 2,004,247; June 11.
- Fishes, Apparatus and method of transporting live. F. Theuerkauf. 2,001,989; May 21.
- Fishing apparatus. C. H. Hawkinson. 1,996,704; Apr. 2.
- Fishing apparatus. M. F. Killory. 1,995,067; Mar. 19.
- Fishing apparatus. F. Kornichuk. 2,009,736; July 30.
- Fishing bait. A. Kumm. 2,001,844; May 21.
- Fishing bait, Artificial. C. A. Johnson. 2,017,903; Oct. 22.
- Fishing bait, Artificial. L. W. Weesner. 2,013,226; Sept. 3.
- Fishing bob or float. M. Schmeltzer. 1,986,683; Jan. 1.
- Fishing device. A. Beregow. 2,014,517; Sept. 17.
- Fishing device. W. C. Denison. 1,994,171; Mar. 12.
- Fishing float. G. De Vries. 2,001,241; May 14.
- Fishing funnel. E. B. Sargent. 1,986,121; Jan. 1.
- Fishing line float and sinker. A. D. Craig. 1,992,293; Feb. 26.
- Fishing line holder. J. A. Wolf. 2,008,482; July 16.
- Fishing line sinker. M. Rasmussen. 1,993,114; Mar. 5.
- Fishing lure. W. M. Jordan. 2,003,366; June 4.
- Fishing lure. E. Liotta. 2,021,796; Nov. 19.
- Fishing lure, Electric. R. L. Barton. 2,002,135; May 21.
- Fishing net float. E. Lafond and A. J. Luebke. 1,999,702; Apr. 30.
- Fishing pole support. W. J. Sampson. 1,987,842; Jan. 15.
- Fishing reel. E. C. Cattley. 2,001,521; May 14.
- Fishing reel. E. M. Cumings. 1,996,697; Apr. 2.
- Fishing reel. E. L. Knowles. 2,022,042; Nov. 26.
- Fishing reel. A. Kovalovsky. 2,022,204; Nov. 26.
- Fishing reel. H. E. Lewis. 2,010,522; Aug. 6.
- Fishing reel. R. W. Miller and S. G. Russell. 1,991,407; Feb. 19.
- Fishing reel. B. T. Peel and R. F. Kindersley. 1,995,221; Mar. 19.
- Fishing reel. C. T. Pfueger. 2,018,468; Oct. 22.
- Fishing reel. S. G. Russell. 2,006,481; July 2.
- Fishing reel. D. L. Urquhart. 1,996,130; Apr. 2.
- Fishing reel construction. G. Kosma. 2,002,403; May 21.
- Fishing reel spool control. S. T. Smith. 2,012,251; Aug. 20.
- Fishing reel, Spring wind. S. G. Russell and F. Burdick. 2,006,482; July 2.
- Fishing reel, Throw line. P. Drake. 1,993,150; Mar. 5.
- Fishing rod. B. O. Gephart. 2,005,081; June 18.
- Fishing rod. L. K. La Pan. 2,003,893; June 4.
- Fishing rod and frog gig, Combination flashlight. G. E. Shoemaker. 2,012,894; Aug. 27.
- Fishing rod handle. R. R. Teetor. 2,000,263; May 7.
- Fishing rod handle and reel support. D. Dileo. 2,010,627; Aug. 6.
- Fishing rod, Tubular. P. S. Bear. 2,017,303; Oct. 15.
- Fishing tackle. G. F. Kerns. 1,991,253; Feb. 12.
- Fishing tackle. J. Kovane. 2,008,555; July 16.
- Fishing tackle. M. E. Peeso. 2,019,630; Nov. 5.
- Fishing tackle box. E. B. Perrine. 1,999,779; Apr. 30.
- Fishing tool. R. C. Baker. 2,026,295; Dec. 31.
- Fishing tool. F. J. Hinderliter. 2,014,804; Sept. 17.
- Fishing tool. R. E. Moore. 2,016,683; Oct. 8.
- Fishing trolley sinker. A. N. Johnson. 1,992,619; Feb. 26.
- Fit form drier. P. Gilbert. 2,022,594; Nov. 26.
- Fittment. T. J. Dykema. 2,024,723; Dec. 17.
- Fitter or shaper for glass articles. J. C. E. Schwab. 2,019,736; Nov. 5.
- Fitter, Tubular. W. Leathers. 2,000,854; May 7.
- Fitting. G. K. McCann. 1,996,249; Apr. 2.
- Fitting. J. E. O'Laughlin. 1,986,010; Jan. 1.
- Fitting, Entrance. S. N. Buchanan. 2,000,374; May 7.
- Fitting, Explosion proof flexible. W. A. Wulle and T. E. McDowell. 1,993,984; Mar. 12.
- Fitting for electric wire conduits. E. G. Romeiser. 2,021,023; Nov. 12.
- Fitting for flexible shaft casings. H. Goldberg. 1,993,368; Mar. 5.
- Fitting for oil stills, Return bend. C. E. Ard. 2,005,768; June 25.
- Fitting for oil stills, Return bend. H. C. Stockham. 2,016,912; Oct. 8.
- Fitting for slidable structures. P. T., M. R., and C. P. Webb. 1,992,683; Feb. 26.
- Fitting for tanks, Outlet. R. J. Neely. 2,000,246; May 7.
- Fitting for tightening, holding and releasing a tennis net or other cord or wire under strain. W. G. Boyd. 2,011,534; Aug. 13.
- Fitting, Return bend. F. C. Fantz. 2,024,347; Dec. 17.
- Fitting, Return bend. F. E. Key. 1,987,300; Jan. 8.
- Fitting surfaces involved in the case of glass bottle necks fitted with glass stoppers, Producing the. A. Fehse. 2,010,257; Aug. 6.
- Fitting, Twin drainage. F. A. Warren. 1,991,130; Feb. 12.
- Fixture accessory. G. D. McDonald. 1,989,329; Jan. 29.
- Fixture hanger. R. B. Benjamin. 2,024,331; Dec. 17.
- Fixture for curtains, draperies, and the like. H. M. Steiner. 2,012,734; Aug. 27.
- Fixture for mounting electric warp stop motions. E. C. Smith. 1,994,594; Mar. 19.
- Fixture for turning or grinding ovals. A. J. Hurt. 2,004,283; June 11.
- Fixture hanger. I. Wolarsky. 2,000,545; May 7.
- Fixture support. J. A. Hoegger. 1,997,686; Apr. 16.
- Fixture-supporting and connecting device, Electric. J. Mangin. 2,000,241; May 7.
- Flag shaft throwing mechanism, Electrically operated. H. T. Pierce. 2,015,961; Oct. 1.
- Flakes, Coating. R. E. Zinn. 2,008,651; July 16.
- Flame and waterproofing compositions for aqueous cellulosic media, Compounding. F. W. Hochstetter. 2,003,148; May 28.
- Flame effects in negative glow devices, Obtaining. A. F. Henninger, Jr. 2,020,413; Nov. 12.
- Flame producing mechanism. L. V. Aronson. 1,986,754; Jan. 1.
- Flame-producing mechanism and associated container. L. V. Aronson. 2,007,629; July 9.
- Flame stabilizing attachment for orchard heaters. W. L. Scheu. 2,005,009; June 18.
- Flange and rail lubricator. W. H. Foster and I. L. Dudley. 2,018,518; Oct. 22.
- Flange forming machine. J. H. Abramson and E. C. Swanson. 2,016,735; Oct. 8.
- Flange lining machine. W. M. Holloway. 2,004,944; June 18.
- Flange lubricator. M. Wiley. 2,012,227; Aug. 20.
- Flanger for cans, Hand. A. L. Kronquest. 2,025,350; Dec. 24.
- Flanges, Method and apparatus for nailing. H. Kruse. 2,008,831; July 23.
- Flanging and bending machine, Universal. A. Wachter. 2,025,222; Dec. 24.
- Flare. M. W. Fischer. 1,988,446; Jan. 22.

- Flare and releasing device therefor, Emergency landing. S. Wiley. 1,996,694; Apr. 2.
- Flare container. S. Wiley. 2,000,055; May 7.
- Flash and touch box. W. H. Conklin. 2,012,924; Aug. 27.
- Flash box. T. W. Pedersen. 1,987,705; Jan. 15.
- Flash-compact. F. L. Smith. 1,993,250; Mar. 5.
- Flash eliminator for guns. G. DeBruin. 2,010,178; Aug. 6.
- Flash lamp. J. H. Kurlander. 1,991,753; Feb. 19.
- Flash lamp. F. R. Meginniss. 2,016,819; Oct. 8.
- Flash lamp. C. J. Nichols. 1,995,938; Mar. 26.
- Flash light. G. H. Barber and G. B. Pratt. 1,992,140; Feb. 19.
- Flash light. G. H. Barber and G. B. Pratt. 1,995,141; Mar. 19.
- Flash light. M. L. Beaumont. 2,009,952; July 30.
- Flash light. E. P. Beaumont. 2,019,884; Nov. 5.
- Flash light. A. J. Desimone. 2,017,896; Oct. 22.
- Flashlight. C. F. Foers. 2,001,363; May 14.
- Flashlight. J. F. Moran. 1,988,853; Jan. 22.
- Flash light. O. Rhein and E. G. Clemenson. 1,996,655; Apr. 2.
- Flashlight. F. G. Stimson. 1,990,504; Feb. 12.
- Flash light and shutter operating device for camera. M. Schwartz. 1,996,592; Apr. 2.
- Flashlight and tool holder, Combined. M. E. Goldstein. 2,015,928; Oct. 1.
- Flashlight apparatus, Photographic. A. W. Miller. 2,016,338; Oct. 8.
- Flash light apparatus, Photographic. A. Stewart. 1,995,552; Mar. 26.
- Flashlight device. G. F. Prideaux. 1,988,961; Jan. 22.
- Flash light hanger. H. Hyman. 2,005,339; Jan. 18.
- Flash light lamp. M. Igari. 2,024,225; Dec. 17.
- Flash-light lamp. J. A. M. Van Liempt and P. Laydans. 1,989,572; Jan. 29.
- Flash light lamp. J. A. M. van Liempt and P. Leydens. 2,013,371; Sept. 3.
- Flash light lamp detector. W. W. Lillard. 1,989,706; Feb. 5.
- Flash light of candle type. H. G. Graubner. 2,002,602; May 28.
- Flashlight, Vest pocket. O. A. Langos. 2,008,915; July 23.
- Flash plug. J. Fredette. 1,997,902; Apr. 16.
- Flash remover. H. C. Rippel. 2,025,421; Dec. 24.
- Flash removing apparatus. J. Q. Holmes. 1,989,517; Jan. 29.
- Flash removing machine. H. E. Morton. 2,009,670; July 30.
- Flash removing machine. H. E. Morton. 2,011,725; Aug. 20.
- Flash removing machine, Double ram. H. E. Morton. 2,015,955; Oct. 1.
- Flash sign. E. B. Newill. 1,995,129; Mar. 19.
- Flash tester for high tension electric currents. E. Bidwell. 2,004,365; June 11.
- Flasher. W. Huppert. 2,019,309; Oct. 29.
- Flashing. W. A. Fingles, Jr. 2,008,695; July 23.
- Flashing. A. B. Friedberg, E. A. Arend, and J. N. Bearmore. 1,992,819; Feb. 26.
- Flashing. L. Friedberg. 2,002,810; May 28.
- Flashing. C. H. Hobbs. 1,992,123; Feb. 19.
- Flashing. L. Jscur. 1,989,234; Jan. 29.
- Flashing. I. C. Steinberg. 2,026,144; Dec. 31.
- Flashing apparatus. R. K. Gessford. 2,006,737; July 2.
- Flashing light signal. H. C. Bohnet. 2,05,638; Dec. 24.
- Flashing structure, Multi-ply. S. H. Cohen and J. Waserman. 2,005,221; Jan. 18.
- Flask closure. J. B. Le Roy. 1,996,770; Apr. 19.
- Flask, Dental. J. J. E. Baumgarten. 1,990,515; Feb. 12.
- Flasks, Shaking out. W. F. Piper. 2,004,293; June 11.
- Flat articles such as biscuits, Stacking or arranging substantially. L. Marsden. 2,005,629; June 18.
- Flat elements one at a time, more especially for delivering envelopes to an obliterating machine, Apparatus for delivering. A. Vorms. 2,004,882; June 11.
- Flat for greenhouses, Divisible. R. B. Otwell. 1,993,620; Mar. 5.
- Flat for greenhouses, Divisible. R. B. Otwell. 2,022,548; Nov. 26.
- Flatiron. J. W. Myers. 1,999,107; Apr. 23.
- Flatiron. W. M. Schwartz. 2,016,300; Oct. 8.
- Flatiron, Electric. M. H. Graham. 2,024,856; Dec. 17.
- Flatiron, Electric. M. E. Korne and F. J. Jovick. 2,023,327; Dec. 3.
- Flatiron, Electrical. F. W. Carpenter. 2,019,293; Oct. 29.
- Flatiron lift stand. J. W. Myers and W. H. Ginder. 2,019,431; Oct. 29.
- Flat screen frame. J. J. Moravec. 2,004,507; June 11.
- Flat-spraying appliance. E. Gustafsson. 1,990,823; Feb. 12.
- Flatware and under reflecting surface, Combination. G. Kolb. 1,999,195; Apr. 30.
- Flat work to an ironer, Method of and apparatus for delivering. A. O. Long. 1,988,322; Jan. 15.
- Flavoring material. A. K. Epstein and B. R. Harris. 2,023,877; Dec. 10.
- Flavoring material and using same. S. Jordan. 2,019,494; Nov. 5.
- Flavoring materials, Manufacture of. H. M. Barnett. 1,992,462; Feb. 26.
- Flaws and the like in working materials, Testing. W. Stein. 1,992,100; Feb. 19.
- Flaws in electrical conductors, Detecting. L. J. De Lanty. 1,996,906; Apr. 9.
- Flea beetle catcher. N. T. A. Nilsson. 2,002,041; May 21.
- Flexible container. F. Semsch. 2,019,160; Oct. 29.
- Flexible coupling. J. R. Grundy. 2,003,848; June 4.
- Flexible coupling. C. W. Harris. 1,986,149; Jan. 1.
- Flexible coupling. D. B. Perry. 2,024,473-4; Dec. 17.
- Flexible coupling. A. E. Westburgh. 2,007,513; July 9.
- Flexible fan handle. F. H. Klie. 1,994,105; Mar. 12.
- Flexible hanger. W. F. O'Neill. 1,994,322; Mar. 12.
- Flexible members, Deforming or compressing. W. B. Fulton. 1,994,098; Mar. 12.
- Flexible receptacle. W. R. Buxton. 2,001,954; May 21.
- Flexible-rod, sewer cleaning apparatus. H. R. Crane. 2,005,936; June 25.
- Flexible rubber coupling. H. D. Geyer. 1,992,528; Feb. 26.
- Flexible shaft coupling, Insulating. H. W. Van Leir. 2,025,838; Dec. 31.
- Flexible tool. L. B. Miller. 2,023,693; Dec. 10.
- Flexure testing machine. A. Schopper. 2,007,286; July 9.
- Flight indicator for aircraft. E. A. Sperry, Jr. 1,993,864; Mar. 12.
- Flight requiring no gliding, Arrangement for starting. H. Nishi. 2,008,464; July 16.
- Floater. O. F. Carlson. 2,009,648; July 30.
- Floater. A. Perri. 2,010,371; Aug. 6.
- Floater for a fishing line. J. E. Gaede. 2,022,193; Nov. 26.
- Floater for fire nozzles, Jet propelled. I. Offerdahl. 2,023,028; Dec. 3.
- Floater operated valve. F. J. Masterson. 2,003,380; June 4.
- Floater shoe. E. B. Corbett. 2,008,818; July 23.
- Floater structure. C. A. Butler. 2,023,461; Dec. 10.
- Floater valve. G. J. Armstrong. 2,023,189; Dec. 3.
- Floater valve. J. F. Goodwin. 2,007,048; July 2.
- Floater valve. W. A. Reinhardt. 2,013,188; Sept. 3.
- Floater valve. J. J. Stefancl. 2,016,183; Oct. 1.
- Floater valve. H. N. Wayne. 2,014,600; Sept. 17.
- Floater, Wing. E. J. W. Ragsdale. 2,009,344; July 23.
- Floating, bathing and swimming device. O. Serafinowicz. 2,013,635; Sept. 3.
- Floating coupling. L. Skeel. 2,007,897; July 9.
- Floating fish trap. H. L. Christie. 2,002,882; May 28.
- Flock, Apparatus for applying. W. B. Thompson. 1,989,631; Jan. 29.
- Flood water gate. H. C. Schonhoff and S. Breed. 2,018,580; Oct. 22.
- Floor and beam construction. J. Kahn. 2,022,622; Nov. 26.
- Floor and laying the same. G. F. Storm. 2,026,511; Dec. 31.
- Floor and roof construction. A. A. Heeren and E. B. Johnson. 2,014,841; Sept. 17.
- Floor blocks, Making trickling filter. J. G. Barbour. 2,014,269; Sept. 10.
- Floor board. P. R. Weitzel. 2,001,402; May 14.
- Floor cleaner. W. S. Johnson. 2,011,973; Aug. 20.
- Floor cleaner. F. H. Nadig. 2,003,215; May 28.
- Floor cleaning machine. F. H. Nadig. 2,003,216; May 28.
- Floor construction. G. F. Kotrbaty. 1,990,654; Feb. 12.
- Floor construction. E. H. McClintock. 2,015,568; Sept. 24.
- Floor construction. S. Shaw. 2,021,434; Nov. 19.
- Floor construction. D. D. Whitacre. 1,989,254; Jan. 29.
- Floor construction, Steel. E. W. Burgess and H. M. Vehling. 1,986,998; Jan. 8.
- Floor covering. P. R. Allen. 2,009,966; July 30.
- Floor covering. V. H. Turkington. 1,988,616; Jan. 22.
- Floor covering and making same. R. G. Knowland. 2,012,929; Aug. 27.
- Floor covering and making the same. A. Elmendorf. 2,018,711; Oct. 29.
- Floor covering and preparing the same. R. G. Jackson. 1,998,779; Apr. 23.
- Floor coverings and the like, Securing. B. C. Place. 1,991,259; Feb. 12.
- Floor fabric. H. M. Ashby. 2,013,620; Sept. 3.
- Floor flange fitting, Revolving. F. Burkett. 1,988,298; Jan. 15.
- Floor furnace. H. J. Smith, H. F. Beichel, A. D. Smith, and C. C. Potter. 1,999,306; Apr. 30.
- Floor, Heavy duty. C. E. Drehmann. 2,026,224; Dec. 31.
- Floor machine. F. H. Clarke. 2,007,073; July 2.
- Floor member. G. F. Kotrbaty. 1,993,791; Mar. 12.
- Floor or mat, Portable device. H. B. Mueller. 2,019,692; Nov. 5.
- Floor panels, Apparatus for making metal. J. A. Mitchell. 2,021,893; Nov. 26.
- Floor resurfacing device. E. J. McKennan. 2,003,603; June 4.
- Floor, Sheet metal. F. R. Higley. 2,026,278; Dec. 31.
- Floor slab construction. F. M. Venzie. 2,000,110; May 7.
- Floor, Skating rink. D. S. MacLeod. 2,026,052; Dec. 31.
- Floor structure. E. W. Burgess. 1,986,999; Jan. 8.
- Floor structure. E. W. Burgess. 1,995,496; Mar. 26.
- Floor surface. H. P. Kirchner, R. C. Benner and R. L. Melton. 2,010,025; Aug. 6.
- Floor surfacing machine. W. E. Holt. 2,001,098-9; May 14.
- Floor treating machine. E. Edström. 1,988,193; Jan. 15.
- Floor truss construction. J. Kahn. 1,995,924; Mar. 26.
- Floor waxing device. H. C. Henninger. 1,986,199; Jan. 1.

- Flooring. R. L. Curtis and J. T. Fleishel. 2,023,066; Dec. 3.
- Flooring. C. Roman. 1,991,701; Feb. 19.
- Flooring and method, Reinforced. J. R. Hall. 1,988,201; Jan. 15.
- Flooring and the like and making the same, Rubber. F. C. Van Heurn. 1,987,168; Jan. 8.
- Flooring material, Composite. H. C. Harvey. 2,004,723; June 11.
- Flooring or like aggregate and unit for construction of the same. E. G. P. Mopin. 1,999,819; Apr. 30.
- Flooring, Selfleveling. K. E. Crooks. 2,008,244; July 16.
- Flooring, Sliver pocket. B. C. Rockwell. 2,017,185; Oct. 15.
- Flooring structure. O. W. Hovey. 2,017,832-3; Oct. 15.
- Flooring, Wood block. H. C. Nielsen. 2,015,813; Oct. 1.
- Floors and rooms, Apparatus for heating. R. A. Myers. 1,995,481; Mar. 26.
- Floors and the like, Apparatus for cleaning, waxing, and polishing. M. Pilon. 1,997,913; Apr. 16.
- Floors, Construction of sound-proof. D. H. Green. 2,026,230; Dec. 31.
- Floral spray display cross. N. G. Hurlbut. 2,007,496; July 9.
- Floral structure. M. Dobron. 1,994,694; Mar. 19.
- Floral supporting rack. L. D. Boyd. 2,021,540; Nov. 19.
- Flotation apparatus. D. H. Fairchild. 1,988,351; Jan. 15.
- Flotation process. C. L. Burdick. 2,014,717; Sept. 17.
- Flotation process. T. Hasselstrom. 1,986,816; Jan. 8.
- Flotation process. S. Lenher. 2,012,609; Aug. 27.
- Flotation reagent. T. Hasselstrom. 1,986,817; Jan. 8.
- Flour, Apparatus for coloring. A. E. Bostrom and A. P. Summers. 2,006,757; July 2.
- Flour, Coloring. E. J. Bostrom and A. P. Summers. 2,012,708; Aug. 27.
- Flour, Manufacture of wheat. E. J. Miller, H. L. Goodwin, Sr., and E. M. Miller. 2,018,966; Oct. 29.
- Flour mix and making the same, Dehydrated. J. D. Duff and L. E. Dietrich. 2,016,320; Oct. 8.
- Flour mix, Making a dehydrated. J. D. Duff and L. E. Dietrich. 2,016,318-9; Oct. 8.
- Flour, Soy bean. W. B. Bishop. 2,000,317; May 7.
- Flour, Treatment of. R. Rüter. 2,005,268; June 18.
- Flow control. J. A. Spencer. 2,006,152; June 25.
- Flow control apparatus. T. R. Camp. 2,025,722; Dec. 31.
- Flow control device. J. H. Childress. 1,998,074; Apr. 16.
- Flow control mechanism. W. A. Rosenberger. 2,025,247; Dec. 24.
- Flow control, Method and apparatus for. O. O. Oaks and C. Teran. 1,994,047; Mar. 12.
- Flow control system. H. C. Brunner. 1,987,665; Jan. 15.
- Flow controller. H. A. Hood. 2,017,500; Oct. 15.
- Flow controlling mechanism. R. E. Warren. 2,004,423; Dec. 24.
- Flow controlling unit for gas burners. N. T. Branche. 2,025,696; Dec. 24.
- Flow device, Restricted. W. R. Mittendorf and R. H. Money. 2,021,079; Nov. 12.
- Flow from wells and apparatus therefor, Regulating. E. P. Halliburton. 1,992,424; Feb. 26.
- Flow head. V. L. Reed. 1,989,608; Jan. 29.
- Flow indicator. W. C. Kleinfelder. 2,004,611; June 11.
- Flow indicator. C. A. Turner. 2,001,168; May 14.
- Flow meter. W. J. Albersheim and H. S. Konheim. 2,023,568; Dec. 10.
- Flow meter. W. H. Curtis. 1,987,363; Jan. 8.
- Flow meter. E. W. Gent. 2,024,571; Dec. 17.
- Flow meter. F. Jones. 1,989,366; Jan. 29.
- Flowmeter. W. B. Warren. 1,998,110; Apr. 16.
- Flow-motor. A. R. Pangborn. 1,990,612; Feb. 12.
- Flow operated switch. J. B. Waters. 2,013,225; Sept. 3.
- Flow packer. L. L. Mackowski. 2,023,930; Dec. 10.
- Flow proportioning device for liquids of variable viscosity. H. E. Lake. 2,006,865; July 2.
- Flow regulator for plunger lift pumps. H. B. Woods. 1,993,292; Mar. 5.
- Flow-responsive device. E. Jacobson. 2,017,311; Oct. 15.
- Flow retarder for compressors. H. A. Whitesel. 2,017,707; Oct. 15.
- Flowing device for wells. A. Boynton. 1,985,973; Jan. 1.
- Flower and combination thereof, Artificial. J. Redwine. 1,989,883; Feb. 5.
- Flower, Artificial. E. Lorus. 2,012,085; Aug. 20.
- Flower cutter. T. P. Tierney, Jr. 2,005,355; June 18.
- Flower holder. A. W. Asman. 2,003,101; May 28.
- Flower holder. J. H. Luft. 1,987,071; Jan. 8.
- Flower holder. E. M. Menge. 2,005,467; June 18.
- Flower holder. W. Taporouski. 1,995,657; Mar. 26.
- Flower holder. A. G. Thomas. 1,989,952; Feb. 5.
- Flower holder, Adjustable. R. G. Beagle. 2,005,966; June 25.
- Flower package. W. D. Bond. 1,994,333; Mar. 12.
- Flowerpot and blank for making same. F. T. Radley and J. M. Sponsler. 1,998,637; Apr. 23.
- Flower pot holder. A. Consolazio. 2,025,707; Dec. 31.
- Flowerpot support. T. Serpico. 1,989,294; Jan. 29.
- Flower pot, Watering. J. H. Nelson. 1,995,217; Mar. 19.
- Flower preserver. A. J. Bowie. 1,990,522; Feb. 12.
- Flower stemming machine. C. A. Knuutila. 2,022,043; Nov. 26.
- Flue. W. G. Cartter. 1,991,788; Feb. 19.
- Flue, Boiler. R. Gautzsch. 1,988,968; Jan. 22.
- Flue boiler, Vertical. J. C. Johnson. 2,013,828; Sept. 10.
- Fluent materials, Method and apparatus for determining, recording, and controlling the density, consistency, or specific gravity of. G. S. Witham, Jr. 2,017,225; Oct. 15.
- Fluid actuated tool. J. E. Renfer and A. G. Slatcher. 2,011,502; Aug. 13.
- Fluid actuator. A. Wicha. 1,986,455; Jan. 1.
- Fluid actuator. A. Wicha. 2,000,629; May 7.
- Fluid, Apparatus for measuring the flow of. M. E. Benesh. 2,015,249; Sept. 24.
- Fluid braking system. J. N. Mahoney. 2,026,351; Dec. 31.
- Fluid checking device. C. L. Bock. 2,015,837; Oct. 1.
- Fluid circulating device. H. E. Cullen and H. O. Ronning. 1,989,588; Jan. 29.
- Fluid cleaner. H. W. Jones. 2,010,456; Aug. 6.
- Fluid clutch. D. Gregg. 2,002,058; May 21.
- Fluid clutch, Automatic speed reducing. P. A. Friedell. 1,997,788; Apr. 16.
- Fluid collector for smoking pipes. F. O. Field. 1,999,561; Apr. 30.
- Fluid compensator. C. Sauzedde. 1,991,421; Feb. 19.
- Fluid composition. G. L. Doelling. 1,997,998; Apr. 16.
- Fluid compressor. P. L. Crittenden. 2,017,684; Oct. 15.
- Fluid compressor. N. Herzmark. 1,991,460; Feb. 19.
- Fluid conditioning apparatus. F. C. Reeder. 1,992,581; Feb. 26.
- Fluid conditioning device. J. F. Winkler. 2,005,515; June 18.
- Fluid conducting means, Rotary. J. A. Jensen. 1,992,750; Feb. 26.
- Fluid control. C. L. Warner. 2,020,710; Nov. 12.
- Fluid control and vacuum device, Automatic. C. H. Eastman. 2,011,476; Aug. 13.
- Fluid control mechanism. H. W. Link. 2,009,851; July 30.
- Fluid control unit. I. R. Goshaw. 1,996,330; Apr. 2.
- Fluid controlling means. E. J. Svenson. 1,986,862; Jan. 8.
- Fluid current motor. F. Ferral. 2,017,961; Oct. 22.
- Fluid dispenser. Sealed. W. F. Kernodle and A. C. McDaniel. 2,007,449; July 9.
- Fluid dispensing apparatus. E. H. Lichtenberg. 2,003,153; May 28.
- Fluid dispensing attachment. F. E. Lindley. 2,008,962; July 23.
- Fluid dispensing device. T. E. Madden. 2,020,151; Nov. 5.
- Fluid dispensing device. E. L. Nall. 2,002,610; May 28.
- Fluid dispensing device. C. H. Stuart. 2,003,562; June 4.
- Fluid displacing pump. E. F. McCarthy. 2,003,117; May 28.
- Fluid distribution. E. Kinsella. 1,993,790; Mar. 12.
- Fluid distributor for hydraulic jacks. J. A. Giovannoni. 1,991,453; Feb. 19.
- Fluid driven and driving apparatus. H. Föttinger. 2,004,279; June 11.
- Fluid driven motor, Rotary. G. Plato. 2,000,984; May 14.
- Fluid, Dry cleaning. F. W. Sullivan, Jr. 2,017,327; Oct. 15.
- Fluid duct. H. L. Smith, Jr. 1,996,596; Apr. 2.
- Fluid elevator. J. D. Nixon. 2,003,010; May 28.
- Fluid filtering apparatus. C. H. Cuno and P. E. Ashton. 1,987,597; Jan. 15.
- Fluid flow controller system. W. H. Green. 2,011,049; Aug. 13.
- Fluid flow indicator. C. A. Turner. 1,994,970; Mar. 19.
- Fluid flow meter. E. Schweitzer. 2,003,474; June 4.
- Fluid flow meter. K. E. Stuart. 2,020,588; Nov. 12.
- Fluid flow regulator. V. V. Veenschoten. 2,012,978; Sept. 3.
- Fluid flow regulator, Automatic. O. Weber. 2,019,589; Nov. 5.
- Fluid for hydraulic transmission, Operating. J. C. Cox. 2,017,089; Oct. 15.
- Fluid from a container, Device for releasing. O. N. Wiswell. 1,993,638-9; Mar. 5.
- Fluid from wells, Producing. C. N. Scott. 2,013,112; Sept. 3.
- Fluid fuel burner. W. W. Williams, P. A. Celander and O. E. Nesmith. 2,015,048; Sept. 17.
- Fluid generator or boiler, Elastic. W. Mechelke. 1,998,329; Apr. 16.
- Fluid governing system, Dual. A. F. Schwendner. 2,009,419; July 30.
- Fluid heater. F. A. Gauger. 2,007,714; July 9.
- Fluid heater. T. H. Ireland. 2,016,746; Oct. 8.
- Fluid heater. W. E. Kowalle. 1,998,673; Apr. 23.
- Fluid heater. H. J. Kerr. 2,013,985; Sept. 10.
- Fluid heater, Electric automatic. C. W. Blackmun, N. P. Samantas, and A. E. Lindstrom. 2,016,358; Oct. 8.
- Fluid heating apparatus. C. W. Gibson. 2,017,243; Oct. 15.
- Fluid, Hydraulic pressure transmitting. R. R. Fulton. 1,986,260; Jan. 1.
- Fluid jet pump. B. O. Buckland. 2,000,741; May 7.
- Fluid jet pump. H. Kraft. 2,000,762; May 7.
- Fluid level and pressure indicating system. C. A. Brown. 1,987,988; Jan. 15.
- Fluid level indicator. C. L. Blackburn. 2,024,815; Dec. 17.
- Fluid lift pump. G. A. Humason. 2,016,433; Oct. 8.
- Fluid machine. F. R. Thomas. 1,996,889; Apr. 9.
- Fluid measuring device. D. D. Wile. 1,996,943; Apr. 9.

- Fluid measuring system. A. H. Mears and B. J. Wilson. 1,993,527; Mar. 5.
- Fluid meter. M. Cornell. 2,025,849; Dec. 31.
- Fluid meter. P. G. Echtes and C. A. Moreau. 1,996,150; Apr. 2.
- Fluid meter. H. E. Hartig. 2,015,933; Oct. 1.
- Fluid meter. C. S. Hazard. 2,008,500; July 16.
- Fluid meter. R. O. Henszey. 2,018,361; Oct. 22.
- Fluid meter. D. H. McGogy. 2,008,623; July 16.
- Fluid meter. J. C. Miller. 2,021,918; Nov. 26.
- Fluid meter. P. S. Morgan. 2,010,876; Aug. 13.
- Fluid meter. A. J. Saarinen. 1,995,079; Mar. 19.
- Fluid meter. J. C. Woodford. 2,017,825; Oct. 15.
- Fluid meter. J. C. Woodford. 2,022,631; Nov. 26.
- Fluid, Method of and apparatus for ascertaining the proportional value of a combustible constituent of a flowing. E. X. Schmidt. 2,001,114; May 14.
- Fluid mixing apparatus. H. B. Hartman. 2,009,231; July 23.
- Fluid mixing apparatus. S. Thurstensen. 1,992,451; Feb. 26.
- Fluid mixing device, Thermostatically controlled. P. J. and C. H. Jorgensen. 1,985,929; Jan. 1.
- Fluid motor. A. L. Hampton. 2,022,197; Nov. 26.
- Fluid motor, Double piston. C. E. Bannister. 2,002,386; May 21.
- Fluid moving apparatus, Centrifugal. H. F. Hagen. 2,004,516; June 11.
- Fluid operated apparatus, Compressed. W. Möller. 2,011,453; Aug. 13.
- Fluid operated motor. O. W. Johnson. 2,026,347; Dec. 31.
- Fluid pressure actuated device. F. G. and W. M. Folberth. 2,015,449; Sept. 24.
- Fluid pressure apparatus. V. A. Trier. 1,995,659; Mar. 26.
- Fluid pressure brake. T. J. Aldridge. 1,986,460; Jan. 1.
- Fluid pressure brake. A. L. Baker. 2,020,229; Nov. 5.
- Fluid pressure brake. C. A. Campbell. 2,016,541; Oct. 8.
- Fluid pressure brake. E. S. Cook. 1,991,881; Feb. 19.
- Fluid pressure brake. E. S. Cook. 1,994,191; Mar. 12.
- Fluid pressure brake. E. S. Cook. 2,016,411; Oct. 8.
- Fluid pressure brake. E. S. Cook and E. R. Fitch. 2,016,410; Oct. 8.
- Fluid pressure brake. W. E. Dean. 1,994,192; Mar. 12.
- Fluid pressure brake. S. G. Down. 1,991,883; Feb. 19.
- Fluid pressure brake. S. G. Down and E. E. Hewitt. 2,017,789; Oct. 15.
- Fluid pressure brake. C. C. Farmer. 1,986,468-70; Jan. 1.
- Fluid pressure brake. C. C. Farmer. 1,998,276; Apr. 16.
- Fluid pressure brake. C. C. Farmer. 2,004,654; June 11.
- Fluid pressure brake. C. C. Farmer. 2,009,842-3; July 30.
- Fluid pressure brake. C. C. Farmer. 2,012,744; Aug. 27.
- Fluid pressure brake. C. C. Farmer. 2,017,792-3; Oct. 15.
- Fluid pressure brake. C. C. Farmer and E. E. Hewitt. 2,009,840; July 30.
- Fluid pressure brake. C. C. Farmer and E. E. Hewitt. 2,024,633; Dec. 17.
- Fluid pressure brake. C. C. Farmer and C. D. Stewart. 2,012,743; Aug. 27.
- Fluid pressure brake. E. R. Fitch. 2,016,408-9; Oct. 8.
- Fluid pressure brake. J. N. Good. 1,986,472; Jan. 1.
- Fluid pressure brake. E. E. Hewitt. 1,995,807; Mar. 26.
- Fluid pressure brake. E. E. Hewitt. 2,009,841; July 30.
- Fluid pressure brake. E. E. Hewitt. 2,024,643; Dec. 17.
- Fluid pressure brake. E. E. Hewitt and C. C. Farmer. 2,024,642; Dec. 17.
- Fluid pressure brake. J. W. Logan, Jr. 2,014,903; Sept. 17.
- Fluid pressure brake. J. C. McCune. 2,021,798; Nov. 19.
- Fluid pressure brake. L. K. Silcox. 2,024,394; Dec. 17.
- Fluid pressure brake. U. A. Whitaker. 2,017,678; Oct. 15.
- Fluid pressure control. O. C. Wright. 2,013,428; Sept. 3.
- Fluid pressure control apparatus. H. C. Wesson. 2,000,542; May 7.
- Fluid pressure control mechanism. F. G. and W. M. Folberth. 2,018,843; Oct. 29.
- Fluid pressure control system for valves. P. S. Shield. 2,009,638; July 30.
- Fluid pressure dispensing machine. J. I. Gantz. 2,002,175; May 21.
- Fluid pressure distributing means. M. Reswick. 1,988,749; Jan. 22.
- Fluid pressure distribution system. H. L. Bone. 2,003,034; May 28.
- Fluid pressure feeding mechanism for metal working tools. E. J. Kingsbury. 1,998,873; Apr. 23.
- Fluid pressure gauge. A. E. Carliss. 1,998,420; Apr. 16.
- Fluid pressure indicator. C. Older. 2,001,368; May 14.
- Fluid pressure mechanism. B. Dick. 2,004,980; June 18.
- Fluid pressure mechanism. J. Kuchar. 2,018,269; Oct. 22.
- Fluid pressure motor. H. Pascolini. 1,989,212; Jan. 29.
- Fluid pressure operating means for boring machines. L. C. Shippy and J. Q. Holmes. 2,016,654; Oct. 8.
- Fluid pressure regulator. W. C. Groble. 2,015,930; Oct. 1.
- Fluid pressure regulator. R. C. Hughes. 2,001,534; May 14.
- Fluid pressure regulator, Noiseless. R. C. Hughes. 2,011,764; Aug. 20.
- Fluid pressure switch. C. J. Hardison. 2,017,966; Oct. 22.
- Fluid pressure test gauge. R. J. S. Pigott. 2,013,252; Sept. 3.
- Fluid pressure valve. J. P. Anderson. 2,012,596; Aug. 27.
- Fluid propeller. K. A. Meyer and F. A. Gauger. 2,013,473; Sept. 3.
- Fluid proportioning device. F. W. Kennedy. 2,009,622; July 30.
- Fluid pump. F. E. Fick. 2,016,802; Oct. 8.
- Fluid pump. C. H. Havill. 2,016,831; Oct. 8.
- Fluid pump. A. Hollander. 1,997,824; Apr. 16.
- Fluid pump. H. J. Le Vesconte. 1,997,370; Apr. 9.
- Fluid pump. J. W. Murphey. 2,004,337; June 11.
- Fluid pumping apparatus. S. R. Seilliere. 2,019,023; Oct. 29.
- Fluid purifier. J. A. Murphy. 1,995,075; Mar. 19.
- Fluid reaction device. W. L. Upson. 2,021,707; Nov. 19.
- Fluid-reaction propelling apparatus. H. Endres. 2,018,779; Oct. 29.
- Fluid receptacle. L. J. Amsdell. 2,009,467; July 30.
- Fluid register. W. B. Wallace. 2,024,492; Dec. 17.
- Fluid regulator. W. C. Bucknam. 2,016,540; Oct. 8.
- Fluid, Soluble penetrating. D. K. French. 2,021,448; Nov. 19.
- Fluid-stop joint. E. D. Eby. 2,000,747; May 7.
- Fluid storage and treatment. W. G. Laird. 2,010,798; Aug. 6.
- Fluid storage system. W. G. Laird. 2,018,270; Oct. 22.
- Fluid supply device. W. E. Baker. 1,996,789; Apr. 9.
- Fluid to a stream of a fluid or of a pulverulent solid, Incorporating a. J. A. M. Tillet. 2,021,092; Nov. 12.
- Fluid torque converter. J. Jandasek. 1,993,741; Mar. 12.
- Fluid transmission. E. J. Svenson. 2,004,399; June 11.
- Fluid valve. K. D. Bittle. 2,020,286; Nov. 12.
- Fluid valve. J. H. Clark. 2,003,173; May 28.
- Fluids, Apparatus for compressing gaseous. R. G. Wyld. 2,024,323; Dec. 17.
- Fluids, Apparatus for dispensing inflammable. C. M. Hamblin. 2,000,946; May 14.
- Fluids, Apparatus for raising. J. J. Ceverha. 2,014,613; Sept. 17.
- Fluids, Deodorizing, pasteurizing, and concentrating. H. L. Murray. 2,003,454; June 4.
- Fluids, Drying acetylenic. T. H. Chilton. 1,999,397; Apr. 30.
- Fluids, Electrical cleaning of. R. Heinrich and W. Feldmann. 2,000,017; May 7.
- Fluids, Electrical treatment of. H. A. Wintermute. 2,016,531; Oct. 8.
- Fluids, Heating. R. R. Bacon. 2,023,161; Dec. 3.
- Fluids, Process and apparatus for intimately contacting. W. J. D. van Dijk. 2,011,186; Aug. 13.
- Fluids, Purification of. C. A. Bulkeley. 1,998,774; Apr. 23.
- Fluids, System for controlling the turbulence of. P. G. Magner. 2,017,368; Oct. 15.
- Fluids to oil or gas wells, Application of mud-laden. P. E. Harth. 1,991,637; Feb. 19.
- Fluids, Treating lactic. B. W. Hammer, H. C. Horneman and M. E. Parker. 2,022,420; Nov. 26.
- Fluids under pressure, Apparatus for ejecting. C. I. Liebenseperger. 2,019,918; Nov. 5.
- Fluids under pressure into a pressure chamber, Apparatus for automatically controlling discharge of. E. Du Bois. 2,005,650; June 18.
- Flume. H. W. Baldwin. 2,003,730; June 4.
- Fluoranthrenes, Hydroxy. A. Bergdolt and F. Ballauf. 1,990,018; Feb. 5.
- Fluorination in the presence of chlorine as a catalyst. A. L. Henne. 1,990,692; Feb. 12.
- Fluorination process. H. W. Daudt and H. M. Parmelee. 2,013,035; Sept. 3.
- Fluorine compound, Organic. H. W. Daudt and M. A. Youker. 2,005,706; June 18.
- Fluorine compounds and production thereof, Organic. L. C. Holt and E. L. Mattison. 2,005,712; June 18.
- Fluorine compounds, Preparation of. H. W. Daudt and M. A. Youker. 2,005,710; June 18.
- Fluorine compounds, Preparation of organic. H. W. Daudt and M. A. Youker. 2,005,711; June 18.
- Fluorine compounds, Production of. H. W. Daudt, M. A. Youker, and H. LaB. Jones. 2,004,932; June 18.
- Fluorine compounds, Production of organic. W. S. Calcott and A. F. Benning. 2,013,030; Sept. 3.
- Fluorine compounds, Production of organic. H. W. Daudt and M. A. Youker. 2,005,707; June 18.
- Fluorine compounds, Production of organic. H. W. Daudt and M. A. Youker. 2,005,709; June 18.
- Fluoroaminoanthraquinone and its preparation. F. W. Johnson. 2,013,657; Sept. 10.
- Flush clip and monogram plate. J. J. Robbins. 2,010,466; Aug. 6.
- Flush tank. W. A. Henn. 2,016,635; Oct. 8.
- Flush tank. R. P. Wilson. 2,010,386; Aug. 6.
- Flush tank bulb or valve. J. C. Burnes. 2,015,614; Sept. 24.
- Flush tank supply mechanism. W. H. Schulte. 2,014,748; Sept. 17.
- Flush valve. F. C. Binnall. 2,012,255; Aug. 20.
- Flush valve. F. C. Binnall. 2,024,270; Dec. 17.
- Flush valve. W. H. Cadwell and J. Ott. 1,998,155; Apr. 16.
- Flush valve. H. F. Kelso. 1,991,100; Feb. 12.
- Flush valve. E. J. Kocour. 2,007,652; July 9.
- Flush valve. E. Price and W. A. Pfister. 2,014,483; Sept. 17.

- Flush valve. W. Putnam. 2,000,297; May 7.
 Flush valve. W. E. Sloan. 2,016,396-7; Oct. 8.
 Flush valve. B. O. Tilden. 2,010,119; Aug. 6.
 Flush valve bracket, Adjustable. J. W. Platt. 1,991,907; Feb. 19.
 Flush valve, Nonsiphoning. F. P. Miller. 2,023,788; Dec. 10.
 Flush valve, Time controlled. V. E. Schmiedeknecht and R. C. Boyd. 2,018,036; Oct. 22.
 Flushing apparatus. J. O. Barce. 1,997,401; Apr. 9.
 Flushing apparatus. P. G. Hörnell. 2,017,801; Oct. 15.
 Flushing apparatus. M. D. Sullivan and W. B. Campbell. 2,017,263; Oct. 15.
 Flushing device. C. W. Brown. 2,015,003; Sept. 17.
 Flushing system and method and means involved in its operation. W. S. White. 2,023,798; Dec. 10.
 Flushing tank. T. A. Lyons. 2,004,504; June 11.
 Flushing valve. R. A. Brooks. 2,017,840; Oct. 22.
 Flushing valve. F. G. Curtin. 1,987,229; Jan. 8.
 Flushing valve. T. A. Lyons. 1,992,381; Feb. 26.
 Flushometer and bowl combination, Siphonproof. C. C. Campus. 1,993,861; Apr. 23.
 Flux and making same, Ceramic. J. H. Weis. 2,024,407; Dec. 17.
 Flux for the smelting and refining of magnesium and magnesium alloys. A. Luschenowsky. 1,989,456; Jan. 29.
 Flux, Soldering. C. C. Callis. 1,996,360; Apr. 2.
 Flux, Soldering. C. C. Callis and R. B. Derr. 1,996,361-2; Apr. 2.
 Flux, Soldering. H. V. Rees and H. Ketcheson. 2,017,354; Oct. 15.
 Fluxing and bonding composition for use in welding or brazing. C. A. Basore and D. T. Jones. 2,016,585; Oct. 8.
 Fly book. J. R. Craighead. 2,011,709; Aug. 20.
 Fly box. A. S. Kasdan. 1,993,144; Mar. 5.
 Fly-poisoning device. C. Langum. 1,994,859; Mar. 19.
 Fly rod lure. S. F. Davenport. 1,994,692; Mar. 19.
 Fly-strip and ruler for ring binders, Combined. F. S. Schade. 2,005,474; June 18.
 Flytrap. J. Lass. 2,014,500; Sept. 17.
 Flywheel magneto apparatus. A. Lesage. 1,999,703; Apr. 30.
 Flyer for spinning machines. H. C. Herr. 2,015,558; Sept. 24.
 Flyer for spinning machines. H. C. Herr. 2,017,498; Oct. 15.
 Flyer for spinning machines. H. C. and H. E. Herr. 2,015,557; Sept. 24.
 Flying apparatus. S. P. Nemeth. 2,012,768; Aug. 27.
 Flying machine. J. J. Fitzgerald. 2,014,377; Sept. 17.
 Flying machine. A. Flettner. 2,002,287; May 21.
 Flying machine. S. Gray. 2,017,534; Oct. 15.
 Flying machine. E. G. Johanson. 2,019,909; Nov. 5.
 Flying machine. G. F. Myers. 2,022,476; Nov. 26.
 Flying machine. E. Phillips. 2,013,250; Sept. 3.
 Flying machine. R. W. Sears, 2d, and J. F. Koca. 2,001,158; May 14.
 Flying machine. E. Warner. 2,021,438; Nov. 19.
 Flying machine having revolving supporting surfaces. L. Breguet and R. Dorand. 1,986,709; Jan. 1.
 Flying machine, Heavier-than-air. F. F. von Wilmowsky. 2,014,457; Sept. 17.
 Flying machine with beating and sliding horizontal louver-like wings rotating in opposite directions. G. A. Porsocini. 1,988,916; Jan. 22.
 Flying-time and like indicator. H. C. Mayers. 2,006,682; July 2.
 Foam for fire extinction, Producing. W. Friedrich. 2,003,184; May 28.
 Foam producing apparatus. J. K. Mehlsen and A. C. Nielsen. 1,995,215; Mar. 19.
 Focusing device for a motion picture camera. A. W. Tondreau. 2,005,014; June 18.
 Focusing device for cinematographic apparatus. F. W. Jackman. 2,008,020; July 16.
 Focusing devices for cameras. B. G. Brown. 2,025,438; Dec. 24.
 Focusing objective. J. W. Scott. 2,019,735; Nov. 5.
 Fodder, Apparatus for drying. R. R. Graves. 1,994,343; Mar. 12.
 Fodder tie. G. H. Armacost. 1,986,994; Jan. 8.
 Foil and film manufacture. A. E. Petersen. 2,022,360; Nov. 26.
 Foil, Decorative. H. K. Haviland. 2,020,684; Nov. 12.
 Foil, Lubricating metal. T. A. Torrence and F. L. Endean. 1,996,392; Apr. 2.
 Foils and films from viscose or other cellulosic solution. Production of. A. H. Kilner. 1,994,396; Mar. 12.
 Foils and threads, Manufacture of. M. Hagedorn. 2,020,642; Nov. 12.
 Foldable bird container. J. P. Leindorf. 1,990,191; Feb. 5.
 Foldable box. W. H. Fairchild. 1,991,347; Feb. 12.
 Foldable chair. C. E. Johnson. 2,001,252; May 14.
 Foldable container. H. T. Brown. 2,020,353; Nov. 12.
 Foldable leg table. J. V. Culver. 1,990,817; Feb. 12.
 Foldable table. G. M. Dusingberre. 2,023,830; Dec. 10.
 Foldable table. J. Odenwald. 1,998,519; Apr. 23.
 Foldable table. W. Woods. 2,010,342; Aug. 6.
 Folded blank box. F. C. Traver. 1,996,356; Apr. 2.
 Folded object. A. Pistorius. 2,012,400; Aug. 27.
 Folder. H. A. W. Wood. 2,003,568; June 4.
 Folder and binder, Sheet. W. R. Hotchkiss. 2,018,558; Oct. 22.
 Folder, Descriptive. R. M. Campbell. 1,996,748; Apr. 9.
 Folder for printing machines. F. Lamatsch. 2,023,734; Dec. 10.
 Folder for sheets. L. Frielinghaus. 2,020,939; Nov. 12.
 Folder, Mailing. C. A. Binger. 1,998,354; Apr. 16.
 Folder paper fastener. R. G. Bourdon. 2,000,059; May 7.
 Folder, Preaddressed envelope. E. T. White. 2,016,063; Oct. 1.
 Folder, Sample display. O. Kretschmer. 1,991,161; Feb. 12.
 Folding. A. Imshaug. 2,018,855; Oct. 29.
 Folding berry box. H. M. Ebner. 2,005,415; June 18.
 Folding box. R. E. De Luce. 2,005,131; June 18.
 Folding box. A. N. Himes. 2,018,171; Oct. 22.
 Folding box. F. Kappeler. 2,006,678; July 2.
 Folding box. F. J. Peterson. 2,014,695; Sept. 17.
 Folding box. W. R. Quagliotti. 1,997,343; Apr. 9.
 Folding box. E. L. Stern and R. J. Gruenberg. 2,008,935; July 23.
 Folding chair. A. J. Antipas. 1,993,429; Mar. 5.
 Folding chair. K. G. Johanson. 1,989,865; Feb. 5.
 Folding chair. J. Kovats. 2,005,715; June 18.
 Folding chair. J. P. Molling and T. W. M. Anderson. 2,016,385; Oct. 8.
 Folding chair. I. Salomon. 1,988,811; Jan. 22.
 Folding chair. R. O. Stockil. 1,986,381; Jan. 1.
 Folding container. O. Blitz. 2,002,215; May 21.
 Folding device for rotary printing machines. H. Fritz. 2,017,619; Oct. 15.
 Folding device using the photo glow tubes. H. S. Elberty, Jr. 2,015,550; Sept. 24.
 Folding display. H. Zimmerman. 1,986,550; Jan. 1.
 Folding display and package. H. Zimmerman. 2,000,870; May 7.
 Folding display box. F. J. Collins. 2,019,250; Oct. 29.
 Folding ironing board. P. F. Gregory. 2,016,195; Oct. 1.
 Folding ironing table. S. J. Bailey. 2,002,283; May 21.
 Folding ironing table. C. W. Sadenwater. 1,987,218-19; Jan. 8.
 Folding leg table. C. H. Ray. 2,019,932; Nov. 5.
 Folding machine. K. G. Brenn. 2,016,539; Oct. 8.
 Folding machine. J. B. Coffey. 2,014,469; Sept. 17.
 Folding machine. F. J. Couch. 2,000,063; May 7.
 Folding machine. C. A. Harless and F. G. Tuttle. 2,014,933; Sept. 17.
 Folding machine. L. M. Kahn. 2,011,934; Aug. 20.
 Folding machine. L. M. Kahn. 2,022,351-2; Nov. 26.
 Folding machine. K. Kaufmann. 2,009,665; July 30.
 Folding machine. W. J. Neidig. 1,990,495; Feb. 12.
 Folding machine. W. J. Neidig. 2,007,209-10; July 9.
 Folding machine. G. Spiess. 1,998,337; Apr. 16.
 Folding machine and method of folding. P. L. O'Donnell. 2,018,866; Oct. 29.
 Folding mechanism. C. S. Crafts. 1,985,917; Jan. 1.
 Folding mechanism. C. S. Crafts. 2,016,486; Oct. 8.
 Folding mechanism. C. S. Crafts. 2,019,658; Nov. 5.
 Folding mechanism. C. S. Crafts and C. A. Harless. 1,987,325; Jan. 8.
 Folding mechanism. C. Dewsberry. 1,998,572; Apr. 23.
 Folding mechanism. J. D. Spillane. 1,997,126; Apr. 9.
 Folding mechanism. J. R. Tomlin. 2,026,443; Dec. 31.
 Folding mechanism. J. J. Wilkinson. 1,988,226; Jan. 15.
 Folding mechanism for use in rotary printing machines. C. G. Quick, D. A. Ball, and W. A. Whitehead. 2,019,930; Nov. 5.
 Folding mechanism, Rotary. O. H. Sather. 2,016,298; Oct. 8.
 Folding push-chair, Child's. M. L. Bernon. 2,000,875; May 7.
 Folding rocking chair. O. J. Olsen. 2,006,277; June 25.
 Folding support. H. C. Flint. 1,995,260; Mar. 19.
 Folding table. L. Culotti. 2,016,363; Oct. 8.
 Folding table. W. P. DeSaussure, Jr. 2,023,009; Dec. 3.
 Folding table. K. G. Johanson. 1,990,032; Feb. 5.
 Folding table. F. Peck. 1,997,182; Apr. 9.
 Folding table. A. Potigian. 2,009,590; July 30.
 Folding table. C. W. Sadenwater. 2,015,236-7; Sept. 24.
 Folding table. H. Schulz. 2,023,553; Dec. 10.
 Folding table. H. L. Skoogh. 2,005,481; June 18.
 Folding table. W. A. Snyder. 2,019,273; Aug. 6.
 Folding table. J. Zicherman. 2,016,165; Oct. 1.
 Folio, Display. O. T. Smith. 1,999,547; Apr. 30.
 Food and beverage mixer. B. E. Lawrence. 2,008,106; July 16.
 Food, Baking articles of. L. D. Houlis. 1,999,503; Apr. 30.
 Food, Cereal. K. D. Loose. 2,013,003; Sept. 3.
 Food compound. T. T. Speed. 2,019,365; Oct. 29.
 Food container. F. F. Pfefferkorn and C. A. Stevens. 2,009,516; July 30.
 Food container. F. Muckler. 2,024,010; Dec. 10.
 Food container, Sanitary. H. T. Epstein. 2,024,033; Dec. 10.
 Food cooking device. C. A. Schroeder. 2,002,801; May 28.
 Food cutter. M. R. Hatch. 2,013,801; Sept. 10.
 Food dispensing device. H. P. Hall. 2,018,784; Oct. 29.
 Food for silk worms, Preparing. K. Naruse. 1,990,343; Feb. 5.
 Food freezing attachment for mechanical refrigerators. L. G. Modlin. 1,998,841; Apr. 23.
 Food handling apparatus. R. C. Geiger. 2,024,282; Dec. 17.

- Food handling apparatus. H. L. Johnston. 1,988,244; Jan. 15.
- Food handling apparatus. H. L. Johnston. 1,989,138; Jan. 29.
- Food handling apparatus. H. L. Johnston. 2,024,292; Dec. 17.
- Food handling apparatus. H. L. Johnston and D. A. Meeker. 2,019,911; Nov. 5.
- Food handling apparatus. H. L. Johnston and J. C. Slager. 2,005,374; June 18.
- Food, infant. W. Platt. 2,015,496; Sept. 24.
- Food, Method and apparatus for making an article of. J. F. England and J. B. Lomasney. 1,989,272; Jan. 29.
- Food mixer. E. Moss. 2,008,184; July 16.
- Food mold. F. C. Dillenback. 2,013,879; Sept. 10.
- Food molding and wrapping machine, Automatic. W. Stricker. 2,005,599; June 18.
- Food powder, Producing a. R. T. Northcutt and A. L. Johnston, Jr. 2,000,533; May 7.
- Food preparing device. C. W. Rothfeld. 2,005,395; June 18.
- Food preservation. R. E. King. 1,988,319; Jan. 15.
- Food, Producing granular poultry. H. J. Theobald. 2,019,547; Nov. 5.
- Food product. A. Berlatsky. 2,011,558; Aug. 20.
- Food product. F. H. Clickner. 2,015,256; Sept. 24.
- Food product. E. R. Darling. 2,009,391; July 30.
- Food product and making the same. E. L. Griffith. 2,026,034; Dec. 31.
- Food product and making the same, Acid milk. W. P. M. Greck. 2,009,135; July 23.
- Food product and method. L. D. Johnson, N. F. True, and H. H. Engel. 1,990,329; Feb. 5.
- Food product and method of manufacture. C. H. Vogt. 2,015,297; Sept. 24.
- Food product and preparing the same. A. C. Dickinson. 2,020,257; Nov. 5.
- Food product and producing same. J. T. Knowles. 2,019,141; Oct. 29.
- Food product, Making a. W. P. M. Greck. 2,009,134; July 23.
- Food product, Making a. H. A. Lipson. 2,014,902; Sept. 17.
- Food product, Potato. G. P. Miller. 2,006,146; June 25.
- Food products and making the same, Preparation for making. P. Williams and J. D. Waugh. 2,010,340; Aug. 6.
- Food products, Apparatus for preparing. T. M. Rector. 2,000,645; May 7.
- Food products, Manufacturing. G. D. Arnold. 1,996,395; Apr. 2.
- Food products, Manufacturing dried. D. D. Peebles. 2,005,238; June 18.
- Food products, Marking of. A. J. Freeman. 1,994,468; Mar. 19.
- Food products, Method and apparatus for freezing. C. Birdseye. 1,998,431; Apr. 23.
- Food products, Preparing. T. M. Rector. 2,000,646; May 7.
- Food products, Producing. W. J. Plews. 1,990,917; Feb. 12.
- Food products, Stabilization of emulsified. W. Seltzer. 2,007,218; July 9.
- Food products, Treating. O. H. Hansen. 1,987,825; Jan. 15.
- Food removing means for cooking machines. E. R. Brokvis. 2,015,358; Sept. 24.
- Food serving or handling implement. J. Fuerst. 2,010,074; Aug. 6.
- Food severing and dicing device. R. St. Pierre. 1,996,443; Apr. 2.
- Food, Sterilizing. O. H. Hansen. 1,987,824; Jan. 15.
- Food substances, Preservation or keeping and display of. M. T. Zarotschenzeff. 1,995,729; Mar. 26.
- Foods and product thereof, Treating. A. Knudson. 2,007,765; July 9.
- Foods, Apparatus for treating. G. Grindrod. 2,019,491; Nov. 5.
- Foods, Canning. E. E. Follin. 2,013,343; Sept. 3.
- Foods, Heat treating. G. Grindrod. 2,020,309; Nov. 12.
- Foods, Preparing cereal. J. L. Kellogg. 1,989,480; Jan. 29.
- Foodstuff, Apparatus for the preparation of. F. Uhlmann. 1,992,515; Feb. 26.
- Foodstuffs, Apparatus for smoking or curing. J. Robinson. 2,013,479; Sept. 3.
- Foodstuffs for quick freezing, Molding and compressing perishable. F. C. Hannaford. 2,011,244; Aug. 13.
- Foodstuffs, Machine for comminuting. G. Satzinger. 2,013,009; Sept. 3.
- Foodstuffs, Preserving. F. Nierinck. 2,001,628; May 14.
- Foodstuffs, Preserving. T. L. Swenson. 2,009,033; July 23.
- Foodstuffs, Producing. A. W. Robison. 1,997,083; Apr. 9.
- Foot aerating device. M. De Blasic. 2,003,646; June 4.
- Foot and last measuring machine. H. M. Haskell and S. M. Paterson. 1,986,758; Jan. 1.
- Foot and leg exerciser apparatus. A. P. Meyer. 2,021,801; Nov. 19.
- Foot and shoe or cap. C. Vallone. 2,011,785; Aug. 20.
- Foot arch support. J. Heller. 2,000,949; May 14.
- Foot, Artificial. R. Wolfe. 1,995,442; Mar. 26.
- Football. A. McGall. 2,009,237; July 23.
- Football strategy and game apparatus. J. De Hart. 1,992,475; Feb. 26.
- Foot exerciser. E. R. Mayland. 2,025,878; Dec. 31.
- Foot exercising device. A. T. Vance. 1,989,899; Feb. 5.
- Foot impression device. W. P. Koppe. 1,996,296; Apr. 2.
- Footlight, Disappearing. J. H. Kiegl. 1,991,615; Feb. 19.
- Foot manipulating apparatus. D. W. Davis. 1,996,614; Apr. 2.
- Foot manipulating apparatus. J. H. McCahan, L. J. Fuller and H. L. Samblanet. 2,016,930; Oct. 8.
- Foot manipulator, Myogenic. H. Ryberg, Jr. 2,002,586; May 28.
- Foot measure and shoe size indicator. W. M. Scholl. 2,000,257; May 7.
- Foot measuring and impression device. W. M. Scholl. 2,000,256; May 7.
- Foot measuring machine. E. J. Bliss. 2,018,630; Oct. 22.
- Foot protector. G. M. Fullarton and J. M. Blessing. 2,023,580; Dec. 10.
- Foot protector. G. A. Moriarty. 2,017,670; Oct. 15.
- Foot rest. H. Jordan, Jr. 1,997,147; Apr. 9.
- Foot rest. A. P. Karsikas. 1,986,399; Jan. 1.
- Foot stool and the like. F. D. Carrington. 2,017,433; Oct. 15.
- Foot support. H. Greenberg. 2,008,207; July 16.
- Foot support. A. Schade. 1,986,646; Jan. 1.
- Foot support. W. Wisbrun. 1,997,504; Apr. 9.
- Foot therapy device. L. F. Rucker. 2,003,392; June 4.
- Foot treating apparatus. C. M. Clearman. 2,025,936; Dec. 31.
- Foot valve. C. A. Petersen and A. L. Christy. 2,005,954; June 25.
- Foot warming device. A. Kurtz. 2,025,950; Dec. 31.
- Footwear. W. Deuker. 2,025,650; Dec. 24.
- Footwear. J. B. Greider. 2,000,326; May 7.
- Footwear. M. Gustin. 2,024,729; Dec. 17.
- Footwear. W. H. Joyce, Jr. 1,998,813; Apr. 23.
- Footwear. H. Malm. 1,988,128; Jan. 15.
- Footwear, Apparatus for the manufacture of rubber sole. T. Halsall and J. Prior. 1,994,278; Mar. 12.
- Footwear, Apparatus for use in making. W. H. Bresnahan. 2,005,608; June 18.
- Footwear, Apparatus for use in making. W. H. Bresnahan. 2,020,288; Nov. 12.
- Footwear chain. W. A. Kniseley. 1,995,989; Mar. 26.
- Footwear, Making. J. M. Miller and A. R. Davis. 1,992,386; Feb. 26.
- Footwear, Manufacture of. G. M. Ray. 2,011,948; Aug. 20.
- Footwear, Manufacturing. W. H. Bresnahan. 1,988,436; Jan. 22.
- Footwear, Rubber. L. H. L'Hollier. 2,023,274; Dec. 3.
- Footwear, Rubber. N. E. Tousley. 1,994,154; Mar. 12.
- Foot X-ray machine. H. G. Fischer and H. H. Osborn. 2,001,188; May 14.
- Footing for towers. W. M. Brock. 2,024,909; Dec. 17.
- Force feed lubricator. C. C. Farmer. 2,014,886; Sept. 17.
- Force of gravity, Apparatus for determining the. H. C. Hayes. 2,000,948; May 14.
- Force of gravity, Method and apparatus for determining the. H. C. Hayes. 1,995,305; Mar. 26.
- Forces, Apparatus for measuring and indicating. A. M. Erichsen. 1,994,388; Mar. 12.
- Forceps, Electrical caponizing. G. H. Beuoy. 2,012,937; Sept. 3.
- Forceps, Obstetrical. F. A. La Breck. 2,010,493; Aug. 6.
- Forceps, Obstetrical. J. Mann. 1,994,585; Mar. 19.
- Forepart filler for shoes. J. F. Gilkerson. 1,996,917; Apr. 9.
- Foreign bodies from powdered materials, Separation of. E. Soyev and M. Chérouvrier. 1,997,125; Apr. 9.
- Foreign matter from used journal box waste oil, Removing. W. T. Bissell and T. W. Potter. 2,023,988; Dec. 10.
- Forging, Impact. A. H. Oelkers. 2,014,206; Sept. 10.
- Forging machine. M. W. Lamprecht. 2,011,106; Aug. 13.
- Forging or pressure machine, Automatic. H. Dean. 1,996,819; Apr. 9.
- Forging press. B. D. Marshall, H. Dean and J. Moorhead. 1,996,818; Apr. 9.
- Fork, Dual carving. J. H. Adams. 2,007,237; July 9.
- Fork for vehicles, Front. G. M. Pomeroy. 2,018,973; Oct. 29.
- Fork, Table. R. D. Groch. 2,004,659; June 11.
- Form, Adjustable. S. I. Bush. 2,004,462; June 11.
- Form, Adjustable garment. M. L. Schreier. 2,026,325; Dec. 31.
- Form, Adjustable shoe. A. G. Legge. 2,018,408; Oct. 22.
- Form, Building construction. C. W. Waddell. 2,008,162; July 16.
- Form, Collapsible concrete. A. E. Schisling. 2,011,527; Aug. 13.
- Form, Collapsible tire building. H. C. Bostwick. 2,020,497; Nov. 12.
- Form, Concrete floor. H. C. Riesbol. 1,999,783; Apr. 30.
- Form construction. L. J. Sarosdy. 2,012,590; Aug. 27.
- Form for bending glass. L. V. Black. 1,999,558; Apr. 30.
- Form for bending glass. H. J. Galey. 2,021,180; Nov. 19.
- Form for inspecting hosiery, Expandable. E. R. Ammon. 2,020,172; Aug. 6.
- Form for joist construction, Unit panel removable floor. F. Jarboe. 1,993,008; Mar. 5.
- Form for molding concrete structures. L. T. Thorn. 2,021,210; Nov. 19.
- Form for plastic structural work. A. E. Troiel. 2,017,553; Oct. 15.
- Form grinding. S. J. Harley. 2,007,717; July 9.
- Form, Hat. F. Elle. 1,997,330; Apr. 9.

- Form, Hat. E. J. Feurer. 2,020,022; Nov. 5.
 Form, Hosiery. W. J. De Witt. 2,003,707; June 4.
 Form, Illuminated. E. O. Bade and A. D. Miller. 2,016,794; Oct. 8.
 Form, Record. H. A. Toulmin, Jr. 1,997,840; Apr. 16.
 Form, Removable expansion joint. J. N. Heltzel. 1,988,900; Jan. 22.
 Form, Ship's. E. R. F. Maier. 2,023,236; Dec. 3.
 Form, Shoe. W. J. De Witt. 2,001,775; May 21.
 Form, Shoe. W. J. De Witt. 2,004,157-9; June 11.
 Form, Shoe. A. G. Legge. 2,014,070; Sept. 10.
 Form, Shoe. A. G. Legge. 2,018,406-7; Oct. 18.
 Form, Silhouette. I. R. Rock. 2,002,441; May 21.
 Form, Steel panel. C. W. Miller. 2,012,616; Aug. 27.
 Form tie. T. C. Schenk. 2,020,912; Nov. 12.
 Form, Welt supporting. S. Ferri. 2,019,405; Oct. 29.
 Forming attachment. F. H. Mussler. 2,015,120; Sept. 24.
 Forming machine for compressed feeds. C. C. Hall. 2,005,689; June 18.
 Forming mechanism for flat can bodies. N. Troyer and M. L. Dodge. 2,007,511; July 9.
 Forming tool. J. S. Stull. 2,010,651; Aug. 6.
 Forms, Apparatus for raising concrete. F. L. Nemecek and J. Patterson. 2,016,575; Oct. 8.
 Forms for ruled charts and sheets, Preparing. F. H. Poepelmeier. 1,987,635; Jan. 15.
 Forms, Making duplicating. O. Wilhelm. 1,990,106; Feb. 6.
 Forms of magnesium alloys, Producing composite wrought. A. W. Winston. 2,023,498; Dec. 10.
 Forms, Process of and apparatus for producing printing. J. Schneider. 2,023,859; Dec. 10.
 Formaldehyde, Concentration of. R. L. Hasche. 2,015,180; Sept. 24.
 Formaldehyde condensation products, Molding urea. L. Smidth. 2,013,702; Sept. 10.
 Formaldehyde, Manufacturing. E. A. Prudhomme. 2,000,096; May 7.
 Formaldehyde solution. W. S. Hinegardner. 2,002,243; May 21.
 Formaldehyde solutions, Stabilization of. J. F. Walker. 2,000,152; May 7.
 Formamide, Apparatus for the vaporization of. H. A. Bond. 1,999,390; Apr. 30.
 Foundation boring machine. E. T. Shinn. 1,999,115; Apr. 23.
 Foundation columns, Sinking. J. A. Montee. 2,023,966; Dec. 10.
 Foundry equipment. L. S. Trachsel. 1,986,987; Jan. 8.
 Fountain: See—
 Advertising display fountain. Poultry fountain.
 Drinking fountain.
 Fountain. J. F. Haldeman and M. E. Davis. 2,007,856; July 9.
 Fountain. J. E. Myers. 1,988,133; Jan. 15.
 Fountain and bird bath, Combination. F. Thomson. 2,005,602; June 18.
 Fountain attachment for water faucets, Drinking. H. N. Cross. 1,994,454; Mar. 19.
 4-alkyl- and 4-arylalkyl-dihydro-resorcinols and manufacture of same. M. Klingenfuss. 2,018,213; Oct. 22.
 4-amino-1,8-naphthalene-dicarboxylic acid imides and 4-alkylamino-1,8-naphthalene-dicarboxylic acid alkylamides and preparing them. W. Eckert and W. Gmelin. 2,006,017; June 25.
 4-dimethylamino-1-phenyl-2,3-dimethyl-5-pyrazolone, Producing. B. Reuter. 2,005,506; June 18.
 4,4'-di-(1-phenyl-3-methyl-pyrazolonyl), Crystallizing and purifying crude. I. I. Ostromislensky. 2,011,257; Aug. 13.
 4, 4'-di-(1-phenyl-3-methyl-pyrazolonyl), Producing chemically pure. I. I. Ostromislensky. 2,017,671-2; Oct. 15.
 4-nitro-2-amino-toluene from its nitration mixture, Recovering. J. M. Tinker and W. C. Stewart. 1,998,795; Apr. 23.
 Fourdrinier wire rolling. M. J. Mackay and J. D. Watson. 1,993,936; Mar. 12.
 Fourdrinier wire, Stringing a. E. E. Berry. 2,003,103; May 28.
 Fowl plucking device. R. E. Slayton. 2,025,784; Dec. 31.
 Fowl-plucking machine. N. A. Harrison. 2,010,988; Aug. 13.
 Fowls, Mechanism and method for scalding. B. Bouda. 2,001,813; May 21.
 Foxing-cementing machine. S. J. Finn. 1,988,074; Jan. 15.
 Fractional condensation of metal vapors in a condenser rotating about a horizontal axis, Apparatus for the. A. Leyser. 2,021,365; Nov. 19.
 Fractionating process and apparatus. S. C. Carney. 2,005,932; June 25.
 Fractionation control. G. A. Kramer. 2,022,809; Dec. 3.
 Fractionation device and method for employing the same. C. A. Bennett and G. E. Gans. 2,002,974; May 28.
 Fragile article support. M. P. Chaplin. 1,987,525; Jan. 8.
 Frame: See—
 Adjustable arch frame.
 Auto license frame.
 Automobile chassis frame.
 Bag frame.
 Bicycle frame.
 Bobbin ring frame.
 Canopy frame.
 Character frame.
 Cotton drawing frame.
 Electric machine frame.
 Flat screen frame.
 Glare shield frame.
 Glider frame.
 Hack saw frame.
 Hand bag frame.
 Heddle frame.
 Hyperextension frame.
 Leather stretching frame.
 Locomotive drive frame.
 Metallic frame.
 Motor truck frame.
 Musical instrument frame.
 Needle frame.
 Picture and mirror frame.
 Picture frame.
 Pitcher drainage frame.
 Portable sign frame.
 Puzzle frame.
 Quilt and rug frame.
 Quilting frame.
 Saw frame.
 Screen frame.
 Spectacle frame.
 Spinning frame.
 Spinning and twister frame.
 Spinning and twisting frame.
 Steel heddle frame.
 Structural building frame.
 Structural frame.
 Surgical splint and reducing frame.
 Truck side frame.
 Typewriting machine frame.
 Vehicle chassis frame.
 Vehicle frame.
 Vehicle hoist frame.
 Vehicle truck frame.
 Velocipede frame.
 Weaving frame.
 Window frame.
 Yarn setting frame.
 Frame. P. H. Ostrander and F. C. Herby. 2,006,962; July 2.
 Frame. M. B. Stone. 1,994,052; Mar. 12.
 Frame and axle straightening machine. C. F. Scherer. 2,008,929; July 23.
 Frame and printing device, Combined preparing. S. Quisling. 2,015,762; Oct. 1.
 Frame builder motion, Roving. F. K. Hendrickson. 2,003,362; June 4.
 Frame chock for automotive vehicles. H. Walker and H. Boysen. 2,020,489; Nov. 12.
 Frame construction for gliders or the like. A. S. Goldberg. 1,997,054; Apr. 9.
 Frame construction system. C. C. Deuel. 2,019,810; Nov. 5.
 Frame for air hammers, Adjustable sliding. S. Sutter. 1,993,760; Mar. 12.
 Frame for auto cars. G. Röhr. 2,007,255; July 9.
 Frame for baby-buggies, Collapsible. C. W. Burst. 2,013,910; Sept. 10.
 Frame for bags, purses, and the like. B. Blacher. 2,004,185; June 11.
 Frame for chairs, tables, and the like. A. Niederkrom. 2,006,576; July 2.
 Frame for concrete columns. W. H. Wheeler. 2,000,543; May 7.
 Frame for hospital beds, Adjustable surgical. R. L. Allaire and C. W. Jeffries. 1,996,052; Apr. 2.
 Frame for jig-saw puzzles, Adjustable. W. H. Whitcomb. 2,003,845; June 4.
 Frame for newspapers, Make-up. S. Gimplin. 1,987,102; Jan. 8.
 Frame for plankless trucks, Side. T. H. Symington. 1,991,913; Feb. 19.
 Frame for reciprocating engines. E. Atteslander. 1,999,350; Apr. 30.
 Frame for rock crushers and the like, Combined draft and power takeoff. J. A. Day. 1,985,888; Jan. 1.
 Frame for track type tractor. E. A. Johnston and D. B. Baker. 2,002,474; May 21.
 Frame having a device for recharging during operation. Warp. M. Stein and A. Fodor. 2,013,770; Sept. 10.
 Frame straightening apparatus for automobiles. M. S. Merrill. 2,013,785; Sept. 10.
 Frame structure for porch swings or the like. J. Ledwinka. 1,987,199; Jan. 8.
 Frame structure, Metallic. H. W. Lampman. 1,991,397; Feb. 19.
 Frames and joint therefor, wire. J. L. McInerney. 2,008,917; July 23.
 Frames for constructing building boards, Metal. A. Rafter. 2,005,301; June 18.
 Frames from wire, Forming. J. F. Planeta. 2,023,743; Dec. 10.
 Frames, Production of tennis and like racket. A. Hirschfeld. 2,009,265; July 23.
 Framing for walls and buildings. W. S. Thomson. 2,010,971; Aug. 13.
 Framing mechanism. A. Dina. 2,017,589; Oct. 15.
 Framing mechanism for projectors. H. A. de Vry. 2,018,514; Oct. 22.
 Fraud preventative device for slot machines. G. Poulas. 1,988,664; Jan. 22.
 Fraud preventing system for electric meters. H. L. Newman and H. T. Yopp. 1,987,153; Jan. 8.
 Fraud prevention device. B. R. Greenison. 2,013,605; Sept. 3.
 Fraud prevention means for electric meters. J. B. Nowlan. 2,016,501; Oct. 8.
 Fraud preventive for check controlled apparatus. A. H. Stillman. 1,993,757; Mar. 12.
 Free discharge valve. O. V. Kruse. 2,011,641; Aug. 20.
 Freewheel transmission mechanism. J. R. Millward. 2,025,298; Dec. 24.
 Free wheeling clutch. D. L. Lotts. 2,003,833; June 4.
 Freewheeling clutch. A. Maier. 2,001,668; May 14.
 Freewheeling device for automobiles. O. E. Fishburn. 2,023,197; Dec. 3.
 Free wheeling mechanism. C. R. Koursh. 1,986,442; Jan. 1.
 Freewheeling mechanism. H. H. Robbins. 2,022,480; Nov. 26.
 Free wheeling mechanism. J. M. Simpson. 2,007,006; July 2.

- Freewheeling unit for change speed transmissions. W. C. Starkey. 2,024,709; Dec. 17.
- Freezer for refrigerators, Ice cream. C. T. Hoffman. 2,000,023; May 7.
- Freezer, Ice cream. A. G. Hetzer. 1,998,871; Apr. 23.
- Freezer, Ice cream. C. T. Hoffman. 2,000,022; May 7.
- Freezer, Ice cream. C. T. Hoffman and E. L. Groff. 2,000,021; May 7.
- Freezer, Ice cream. A. F. Sawyer. 2,021,153; Nov. 19.
- Freezer power attachment. I. Jeppsson. 2,004,245; June 11.
- Freezing and dispensing apparatus. E. F. Wortmann. 2,000,730; May 7.
- Freezing apparatus. C. Morrow. 2,018,462; Oct. 22.
- Freezing apparatus. E. J. Murphy. 2,003,214; May 28.
- Freezing device. R. H. Chilton. 2,026,214; Dec. 31.
- Freezing machine. W. S. Shaw. 1,994,233; Mar. 12.
- Freight container, Demountable. B. F. Fitch. 2,017,057; Oct. 15.
- Freight handling device. H. A. Cederstrom. 2,015,100; Sept. 24.
- Freight loading and unloading device for vehicles. V. T. Wren. 2,021,952; Nov. 26.
- French-binding straightening machine. A. S. Johnson. 1,994,580; Mar. 19.
- Frequencies, System for automatically matching. E. Pearson. 2,020,326; Nov. 12.
- Frequency changer. T. Schou. 2,023,245; Dec. 3.
- Frequency changer and circuits therefor. L. R. Cox. 1,998,119; Apr. 16.
- Frequency changing device. R. V. L. Hartley. 2,010,665; Aug. 6.
- Frequency changing system. D. T. May. 2,022,968; Dec. 3.
- Frequency control. W. D. Buckingham. 1,996,403; Apr. 2.
- Frequency control. C. Eichandler. 2,000,584; May 7.
- Frequency control and monitoring system, Duplex. W. S. Halstead. 2,017,858; Oct. 22.
- Frequency control means. S. B. Smith and C. J. F. Tweed. 2,008,263; July 16.
- Frequency control for a multiplex distributing system. H. P. Corwith and H. H. Haglund. 1,987,595; Jan. 15.
- Frequency control system. J. W. Conklin and J. L. Finch. 2,014,424; Sept. 17.
- Frequency control system. J. H. Hammond. 1,994,514; Mar. 19.
- Frequency control system for electric welder. J. V. Caputo. 2,003,136; May 28.
- Frequency controlled mechanism. W. Koenig. 1,993,888; Mar. 12.
- Frequency controlling system. R. E. Mathes. 1,992,625; Feb. 26.
- Frequency converter system. M. Bosch. 2,011,612; Aug. 20.
- Frequency determination and adjustment. H. O. Peterson. 2,007,145; July 2.
- Frequency determining means. R. L. Downey. 2,017,712; Oct. 15.
- Frequency indicating system. W. W. Sturdy. 2,022,790; Dec. 3.
- Frequency indicator. E. W. Clark. 1,989,547; Jan. 29.
- Frequency meter. L. J. Wolf. 2,006,935; July 2.
- Frequency responsive apparatus. T. Fecker. 2,026,421; Dec. 31.
- Frequency selective system. C. W. Hansell and J. L. Finch. 2,009,370; July 23.
- Frequency stabilization. M. Osnos. 2,019,765; Nov. 5.
- Frequency stabilization of a generator of alternating current. W. G. Cady. 2,017,894; Oct. 22.
- Frequency stabilizing means. F. R. O'Leary. 1,986,599; Jan. 1.
- Friction brake. P. Versluis. 1,989,179; Jan. 29.
- Friction clutch. E. B. Nickles. 1,991,569; Feb. 19.
- Friction clutch. H. Nutt and H. V. Reed. 2,016,451; Oct. 8.
- Friction clutch, Automatic compensating. W. H. Foster. 1,998,986; Apr. 23.
- Friction clutch, Load limiting. P. Burke. 2,012,418; Aug. 27.
- Friction clutch, Magnetically operated. A. Worgan. 2,021,534; Nov. 19.
- Friction clutch, Reversible. E. M. Pfauiser. 2,003,155; May 28.
- Friction coupling. J. Bing. 1,988,413; Jan. 15.
- Friction device for exercisers. G. E. Schmidt. 1,994,593; Mar. 19.
- Friction device for filling carriers. C. A. Anderson. 2,008,197; July 16.
- Friction device for filling carriers. S. O. Dodge. 2,005,856; June 25.
- Friction device for filling carriers. S. O. Dodge. 2,008,204; July 16.
- Friction draft gear. A. F. Stuebing. 2,020,481; Nov. 12.
- Friction element. I. J. Novak. 1,997,308; Apr. 9.
- Friction elements, Making. W. A. Blume. 1,992,601; Feb. 26.
- Friction facing material. W. R. Seigle. 2,011,915; Aug. 20.
- Friction gear. R. Erban. 2,020,677; Nov. 12.
- Friction, Lubricating and reducing. C. F. Prutton. 1,986,645; Jan. 1.
- Friction material. S. Collier. 1,994,979; Mar. 19.
- Friction material. A. Rosner. 2,009,207; July 23.
- Friction ring and clamping means therefor. E. S. Hartson. 1,994,819; Mar. 19.
- Friction tester. S. G. Tilden. 2,018,688-9; Oct. 29.
- Friction testing machine. G. L. Neely and E. E. Edwards. 2,020,565; Nov. 12.
- Friction testing machine. H. T. Wheeler. 2,017,425; Oct. 15.
- Frigid or frozen product and its preparation. C. Field and F. Short. 1,991,384; Feb. 19.
- Fringing apparatus. A. G. Rose. 1,997,311; Apr. 9.
- Frog, Railway. E. W. Caruthers. 2,012,807; Aug. 27.
- Front end construction for vehicles. J. J. Funke. 2,014,029; Sept. 10.
- Front motor support. O. M. Nacker. 2,022,134; Nov. 26.
- Front wheel indicator. P. S. Bauer. 2,015,835; Oct. 1.
- Frost formation on automatic controls, Prevention of. B. G. Aldridge and E. C. Ragatz. 1,988,769; Jan. 22.
- Frost prevention system. C. C. Buchler. 1,991,540; Feb. 19.
- Frosting of Neon signs, Inside. J. C. Hostetter and R. D. Smith. 2,018,786; Oct. 29.
- Froth flotation apparatus and process. M. S. Hansen. 2,011,483; Aug. 13.
- Froth flotation process. O. C. Ralston and C. R. King. 2,012,830; Aug. 27.
- Froth flotation process for oxide ores. J. M. Patek. 2,000,350; May 7.
- Fruit and other articles, Method of and apparatus for treating. E. M. Brogden. 2,003,275; May 28.
- Fruit and the like, Apparatus for washing or treating. E. M. and R. R. Brogden. 2,015,512; Sept. 24.
- Fruit and vegetable cutting device. A. M. Erickson. 1,999,449; Apr. 30.
- Fruit and vegetable juice filling machine. S. Pittaluga. 2,005,471; June 18.
- Fruit, Apparatus for packing. E. F. Meer. 2,015,455; Sept. 24.
- Fruit cleaning machine. M. L. Bowman. 2,012,655; Aug. 27.
- Fruit coating method. T. W. W. Forrest. 2,005,184; June 18.
- Fruit coring machine. J. P. Bem. 2,007,558; July 9.
- Fruit counting and registering apparatus. W. C. Scheu and J. H. Hemmerly. 1,987,873; Jan. 15.
- Fruit drier. F. S. Colvin and J. V. Rogers. 2,004,269; June 11.
- Fruit drier. D. C. Morris and L. O. Cockrill. 2,019,087; Oct. 29.
- Fruit, Drying. C. C. Moore. 2,023,536; Dec. 10.
- Fruit feeding and slicing machine. J. W. Pease. 2,015,409; Sept. 24.
- Fruit for market, Handling fresh. E. M. Brogden. 2,007,177; July 9.
- Fruit for market, Preparing fresh. B. C. Skinner. 2,010,497; Aug. 6.
- Fruit grading machine. F. C. Butler. 2,010,136; Aug. 6.
- Fruit handling apparatus. A. R. Thompson. 1,987,916; Jan. 15.
- Fruit jar lifter. R. J. Hays. 2,001,346; May 14.
- Fruit jar tool. P. R. Brause. 2,004,485; June 11.
- Fruit juice extracting apparatus. R. B. Fageol. 2,010,630; Aug. 6.
- Fruit juice extracting press. R. B. Fageol and H. Taylor. 2,010,629; Aug. 6.
- Fruit juice extractor. J. M. Crowe. 1,993,337; Mar. 5.
- Fruit juice extractor. J. M. Crowe. 1,995,670; Mar. 26.
- Fruit juice extractor. C. Daum. 2,008,899; July 23.
- Fruit juice extractor. N. M. Faulds. 2,017,960; Oct. 22.
- Fruit juice extractor. J. Kaefer, Jr., and E. Tibrecht. 2,010,491; Aug. 6.
- Fruit juice extractor. J. L. Maull. 1,990,949; Feb. 12.
- Fruit juice extractor. C. E. Somers. 1,994,114; Mar. 12.
- Fruit juice from pulp, Device for separating. F. W. Brown. 2,011,211; Aug. 13.
- Fruit juices, more particularly citrus fruits, Producing. E. C. Eberts. 1,990,779; Feb. 12.
- Fruit juices, Treating. C. S. Ash and E. P. Roleson. 2,016,584; Oct. 8.
- Fruit juices, Treatment of. H. H. Browne. 1,989,399; Jan. 29.
- Fruit packing case. H. Burns. 2,013,131; Sept. 3.
- Fruit picker. P. P. Mognet and J. G. Dumbauld. 2,017,983; Oct. 22.
- Fruit picker's bag. J. D. Grabill. 1,992,369; Feb. 26.
- Fruit picker's bag. C. H. Kavanagh. 1,994,362; Mar. 12.
- Fruit picking tool. L. H. Botts. 1,997,851; Apr. 16.
- Fruit pitting device with vibratory pitting means. A. R. Thompson. 2,004,301; June 11.
- Fruit pitting machine with vibratory pitting means. A. R. Thompson. 2,009,567; July 30.
- Fruit, Preserving. J. H. Hinrichs and H. Wittkowski. 2,003,191; May 28.
- Fruit press. H. T. Leo. 2,013,181; Oct. 22.
- Fruit sizer. G. P. Vickery. 2,003,097; May 28.
- Fruit splitter. W. A. Kingsbury. 2,010,865; Aug. 13.
- Fruit stoning machine. D. J. Allardice. 2,021,976; Nov. 26.
- Fruit testing device. A. E. Hughes. 2,003,749; June 4.
- Fruit thinner. C. T. Phillips. 2,026,430; Dec. 31.
- Fruit treating composition and process of treating fruit. J. N. Sharma. 2,002,589; May 28.
- Fruit treating solutions, Conserving fresh. C. P. Wilson and R. D. Nedvidek. 2,010,341; Aug. 6.
- Fruit tucker, Automatic. H. Paxton. 2,017,987; Oct. 22.
- Fruit washer. F. Emmite. 1,998,002; Apr. 16.
- Fruit washer. M. A. Mead. 1,994,780; Mar. 19.

- Fruits and vegetables, Inhibiting the discoloration of. A. K. Balls and W. S. Hale. 2,011,465; Aug. 13.
- Frying apparatus. J. L. Shroyer. 1,990,351; Feb. 5.
- Frying apparatus. C. Wilson. 1,994,555; Mar. 19.
- Frying attachment for gas stoves. J. H. Small. 2,011,125; Aug. 13.
- Frying pan cover. E. U. Roland. 2,002,237; May 21.
- Fuel. P. L. Salzberg and W. R. Peterson. 2,009,818; July 30.
- Fuel and brake control means, Combination. A. D. Hanratty. 2,015,717; Oct. 1.
- Fuel and making same, Artificial. H. Kranich. 1,993,517; Mar. 5.
- Fuel and method of manufacture. Motor. W. A. Smith. 2,003,158; May 28.
- Fuel and product derived therefrom or other materials into valuable liquids, Conversion of solid. C. Krauch and M. Pier. 2,005,192; June 18.
- Fuel, Apparatus for burning liquid. W. J. D. van Dijk and A. M. I. Hoogendam. 1,988,673; Jan. 22.
- Fuel, Apparatus for burning pulverized. J. B. Townsend. 2,009,641; July 30.
- Fuel, Apparatus for burning solid carbonaceous. C. J. Moir. 2,015,756; Oct. 1.
- Fuel, Apparatus for feeding powdered. A. J. Grindle. 2,008,446; July 16.
- Fuel atomizing and igniting means. F. Stephen. 2,008,803; July 23.
- Fuel briquette. L. I. Loghry. 1,990,948; Feb. 12.
- Fuel briquettes, Apparatus for molding. E. Sanial. 2,026,439; Dec. 31.
- Fuel briquettes, Forming solid. F. D. Snell. 1,995,366; Mar. 26.
- Fuel briquettes, Making. A. A. Roberts. 2,025,777; Dec. 31.
- Fuel briquettes, Manufacture of. R. E. Windecker. 2,009,463; July 30.
- Fuel briquettes, Manufacturing. A. A. Roberts. 2,025,776; Dec. 31.
- Fuel briquettes, Producing solid. G. Komarek and W. J. Chapman. 2,017,402; Oct. 15.
- Fuel burner. E. L. Boland. 1,994,461; Mar. 19.
- Fuel burner. S. Bullum. 2,025,331; Dec. 24.
- Fuel burner. M. Fernandez y Fernandez. 1,996,413; Apr. 2.
- Fuel burner. R. M. Hardgrove. 1,994,445-6; Mar. 12.
- Fuel burner. F. Hess. 1,995,122; Mar. 19.
- Fuel burner. M. H. Kuhnner. 2,018,179; Oct. 22.
- Fuel burner. C. E. Lucke. 2,008,671; July 23.
- Fuel burner, Automatic. W. A. Fox and G. L. Donovan. 2,007,601; July 9.
- Fuel burner, Fluid. E. G. Bailey. 1,994,444; Mar. 12.
- Fuel burner, Liquid. W. E. Taft. 1,999,309; Apr. 30.
- Fuel burner, Pulverized. B. L. Silley. 1,993,901; Mar. 12.
- Fuel burning apparatus. A. G. Blodgett. 2,005,644; June 18.
- Fuel burning apparatus. C. E. Lucke. 2,022,427; Nov. 26.
- Fuel burning apparatus, Liquid. J. G. McKean and R. F. Jones. 2,023,767; Dec. 10.
- Fuel burning device, Liquid hydrocarbon. B. W. Tullis. 2,008,883; July 23.
- Fuel burning device, Liquid hydrocarbon. B. W. Tullis. 2,025,837; Dec. 31.
- Fuel, Burning fluid. E. G. Bailey. 1,994,443; Mar. 12.
- Fuel, Burning fluid. W. Ferguson. 2,013,302; Sept. 3.
- Fuel burning furnace, Pulverized. E. J. Franklin. 1,995,567; Mar. 26.
- Fuel, Burning liquid. H. A. Bost. 2,020,047; Nov. 5.
- Fuel, Burning solid. T. McDonald and C. J. Paisley. 1,991,691; Feb. 19.
- Fuel burning system. R. E. Bressler. 1,996,230; Apr. 2.
- Fuel burning system, Hydrocarbon. F. V. Risinger. 1,988,334; Jan. 15.
- Fuel by destructive hydrogenation in a series of conversion stages, Producing high grade motor. G. H. B. Davis. 1,995,604; Mar. 26.
- Fuel calorimeter, and process. R. W. Keith. 2,026,179; Dec. 31.
- Fuel, Carbureting heavy liquid. G. Lucich. 2,003,180; May 28.
- Fuel composition, Liquid. T. W. Bartram. 2,006,756; July 2.
- Fuel conditioning and supply system. M. J. Zucrow. 2,016,881; Oct. 8.
- Fuel conditioning device. E. N. Sorensen. 2,004,252; June 11.
- Fuel control means, Engine. H. Schneider. 2,026,069; Dec. 31.
- Fuel control means for internal combustion engines. M. J. Goldberg and S. A. Ciechanow. 2,007,246; July 9.
- Fuel control system. A. F. Erickson. 2,021,407; Nov. 19.
- Fuel control system. F. O. Wallene. 2,003,985; June 4.
- Fuel delivery unit. R. G. Dykeman. 2,018,639; Oct. 22.
- Fuel distillate, Motor. R. E. Wilson. 2,023,110; Dec. 3.
- Fuel distributing apparatus. N. M. Lower. 2,022,966; Dec. 3.
- Fuel distributing system for internal combustion engines. P. S. Tice. 2,008,998; July 23.
- Fuel distributing unit for Diesel engines. L. C. Kenworthy. 2,016,503; Oct. 8.
- Fuel distributor. J. H. Ichter. 2,003,445; June 4.
- Fuel distributor. E. A. Turner. 1,997,441; Apr. 9.
- Fuel engine. C. Carrington. 2,011,033; Aug. 13.
- Fuel feed apparatus for internal combustion engines. N. Leisten and C. Senn. 1,991,021; Feb. 12.
- Fuel feed burner. H. S. Lee. 2,014,940; Sept. 17.
- Fuel feed control. F. C. Mock. 2,002,040; May 21.
- Fuel feed control. F. C. Mock. 2,008,143; July 16.
- Fuel feed device, Oil. J. E. Blanding. 2,012,371; Aug. 27.
- Fuel feed for internal combustion engines. H. Junkers. 2,012,998; Sept. 3.
- Fuel feeder, Pulverized. E. Yoss. 2,011,133; Aug. 13.
- Fuel feeding apparatus. H. M. Cunningham. 1,997,377; Apr. 9.
- Fuel feeding apparatus. H. L. Kraefft. 2,006,357; July 2.
- Fuel feeding apparatus. B. G. Parsons. 1,990,563; Feb. 12.
- Fuel feeding apparatus. E. A. Rockwell. 1,996,590; Apr. 2.
- Fuel feeding device. F. F. Flint. 2,014,966; Sept. 17.
- Fuel feeding device for oil burners. R. E. Nest and D. C. Elliot. 2,008,151; July 16.
- Fuel feeding device, Impulse. E. A. Rockwell. 1,988,285; Jan. 15.
- Fuel feeding means for internal combustion engines. M. G. Chandler. 2,022,653; Dec. 3.
- Fuel feeding means for internal combustion engines. M. G. Chandler. 2,025,091; Dec. 24.
- Fuel feeding means for internal combustion engines. M. G. Chandler. 2,025,723; Dec. 31.
- Fuel feeding mechanism. J. F. Turner and C. P. Breidenbaugh. 2,024,839; Dec. 17.
- Fuel feeding system. H. Hueber and E. C. Horton. 1,988,797; Jan. 22.
- Fuel feeding system for oil burners. L. F. Spear and V. E. Duemler. 2,025,479; Dec. 24.
- Fuel filter. J. E. Malivert. 2,007,336; July 9.
- Fuel filter. F. C. Mock. 1,990,875; Feb. 12.
- Fuel from sludge oil, Manufacture of motor. G. Armistead, Jr. 2,005,309; June 19.
- Fuel gas to remove ammonia, Treatment of. M. Shoeld. 2,003,560; June 4.
- Fuel handling unit. J. Harding, Jr. 2,024,133; Dec. 10.
- Fuel heating or vaporizing attachment. V. Arato. 2,016,952; Oct. 8.
- Fuel in internal combustion engines, Pressure delivery of. A. Moore. 2,000,091; May 7.
- Fuel indicator. F. S. Wattels. 2,020,593; Nov. 12.
- Fuel injecting mechanism. F. A. Thaheld. 2,020,624; Nov. 12.
- Fuel injection apparatus. E. T. Vincent. 1,991,587; Feb. 19.
- Fuel injection apparatus for internal combustion engines. B. Bischof. 2,019,650; Nov. 5.
- Fuel injection device. L. O. Hedblom. 2,007,197; July 9.
- Fuel injection device. C. G. Sprado. 1,989,891; Feb. 5.
- Fuel injection device for engines. E. A. Ford. 1,988,309; Jan. 15.
- Fuel injection device for internal combustion engines. H. Junkers. 1,992,622; Feb. 26.
- Fuel injection means for compressorless internal combustion engines. T. Eek. 2,015,887; Oct. 1.
- Fuel injection pump. C. Schaer. 2,005,008; June 18.
- Fuel injection pump. F. W. Stockmeyer. 1,993,759; Mar. 12.
- Fuel injection pump, Liquid. R. L'Orange. 1,999,330; Apr. 30.
- Fuel injection system for aircraft engines. A. V. D. Willgoos and S. A. Hasbrouck. 2,020,753; Nov. 12.
- Fuel injection system for internal combustion engines. A. T. Kasley. 2,001,843; May 21.
- Fuel injection system for internal combustion engines. B. Walker. 2,016,619; Oct. 8.
- Fuel injection system for internal combustion engines. Electrical. B. Walker and H. E. Kennedy. 2,018,159; Oct. 22.
- Fuel into internal combustion engines, Device for injecting. K. J. E. Hesselman. 2,012,128; Aug. 20.
- Fuel into internal combustion engines, Injecting. S. D. Olsen. 1,995,459; Mar. 26.
- Fuel, Making a motor. E. E. Ayres. 2,014,350; Sept. 10.
- Fuel, Making artificial. J. Wysocki and W. R. Rich. 1,995,911; Mar. 26.
- Fuel metering or injecting and controlling system for internal combustion engines. B. Walker and H. E. Kennedy. 1,999,221; Apr. 30.
- Fuel mixtures, Method and apparatus for producing. W. E. Leibing. 1,990,702; Feb. 12.
- Fuel, Motor. J. F. T. Berliner. 2,010,005; Aug. 6.
- Fuel, Motor. J. F. T. Berliner and R. W. Plummer. 2,012,945; Sept. 3.
- Fuel, Motor. L. A. Clarke and C. C. Towne. 2,023,871; Dec. 10.
- Fuel, Motor. C. W. Hannum. 2,000,283; May 7.
- Fuel, Motor. W. D. Hoyt. 2,013,152; Sept. 3.
- Fuel, Motor. A. O. Jaeger. 1,995,615; Mar. 26.
- Fuel, Motor. C. G. Ludeman. 1,994,891; Mar. 19.
- Fuel, Motor. N. Max. 2,023,372; Dec. 3.
- Fuel, Motor. E. F. Pever. 1,991,333; Feb. 12.
- Fuel, Motor. E. F. Pever. 2,021,083; Nov. 12.
- Fuel, Motor. L. G. Story. 2,018,979; Oct. 29.
- Fuel, Motor. R. de M. Taveau. 1,991,127; Feb. 12.
- Fuel of high antiknock value, Motor. N. Max. 2,023,142; Dec. 3.
- Fuel oil filter. W. H. Wolters. 1,991,644; Feb. 19.
- Fuel package, Agglomerated. J. P. Horne. 2,011,245; Aug. 13.
- Fuel package, Liquid. W. W. Odell. 1,990,499; Feb. 12.
- Fuel, Preparing motor. F. R. Moser. 2,011,297; Aug. 13.

- Fuel, Producing highly refined antidetonation lubrication motor. N. F. Black and J. A. Tilton. 2,015,703; Oct. 1.
- Fuel product, Motor. T. H. Rogers and R. E. Wilson. 1,992,014; Feb. 19.
- Fuel products, Motor. R. E. Wilson. 2,004,560; June 11.
- Fuel pump. A. M. Babitch and G. W. Harry. 2,003,420; June 4.
- Fuel pump. D. J. Deschamps. 2,020,302; Nov. 12.
- Fuel pump. G. W. Harry and A. M. Babitch. 1,995,507; Mar. 26.
- Fuel pump. E. A. Rockwell. 2,005,206; June 18.
- Fuel pump. E. A. Rockwell. 2,018,150; Oct. 22.
- Fuel pumping mechanism for internal combustion engines. F. A. Thaheld. 1,997,000; Apr. 16.
- Fuel regulator, Automatic. C. L. Stokes. 1,998,887; Apr. 23.
- Fuel regulator, Automatic. C. L. Stokes. 2,004,178; June 11.
- Fuel saver. J. Blakeman. 2,002,879; May 28.
- Fuel saver. F. Francis. 2,020,882; Nov. 12.
- Fuel separator and vaporizer. E. M. White. 1,991,531; Feb. 19.
- Fuel spray injection for internal combustion engines. A. Baj. 2,002,134; May 21.
- Fuel storage tank. H. C. Lemke. 2,002,407; May 21.
- Fuel supply apparatus for internal combustion engines, Supplementary. A. Moore. 2,023,817; Dec. 10.
- Fuel supply for burners, Automatic. T. J. Garrett. 2,006,154; June 25.
- Fuel supply means for internal combustion engines. F. C. Mock. 1,998,784; Apr. 23.
- Fuel supply system. G. F. Nolte. 2,019,578; Nov. 5.
- Fuel system for internal combustion engines. F. J. Holmes. 2,012,276; Aug. 27.
- Fuel system for internal combustion engines. H. A. Trussell. 2,016,352; Oct. 8.
- Fuel system unit. F. W. Heckert. 1,986,971; Jan. 8.
- Fuel, Treatment of motor. W. L. Benedict. 2,014,923-4; Sept. 17.
- Fuel, Treatment of motor. V. Ipatieff. 2,001,907; May 21.
- Fuel, Treatment of motor. C. D. Lowry, Jr. 2,014,235; Sept. 10.
- Fuel, Treatment of motor. J. C. Morrell. 2,009,118; July 23.
- Fuel, Treatment of motor. J. C. Morrell and C. G. Dryer. 1,993,941; Mar. 12.
- Fuel, Treatment of motor. J. C. Morrell and C. G. Dryer. 2,010,029; Aug. 6.
- Fuel vaporizer, Gasoline engine. D. Y. Rickabaugh. 2,000,498; May 7.
- Fuel volatilizing device. C. W. White. 2,023,185; Dec. 3.
- Fuels and products derived therefrom or other materials into valuable liquids, Conversion of solid. C. Krauch and M. Pier. 1,994,075; Mar. 12.
- Fuels and products derived therefrom or other materials into valuable liquids, Conversion of solid. C. Krauch and M. Pier. 1,996,009; Mar. 26.
- Fuels and products derived therefrom or other materials into valuable liquids, Conversion of solid. C. Krauch. 2,006,996; July 2.
- Fuels, Apparatus for efficiently burning fluid. L. C. Huff. 2,011,287; Aug. 13.
- Fuels, Combustion of. E. Lubovitch and J. M. Fieschi. 2,014,686; Sept. 17.
- Fuels, Combustion of liquid. E. H. Carruthers. 2,000,580; May 7.
- Fuels containing inhibitors, Motor. H. G. M. Fischer and C. E. Gustafson. 2,019,899; Nov. 5.
- Fuels from hydrocarbon oils, Producing motor. M. L. Chappell. 2,002,729; May 28.
- Fuels, Making blended. K. P. McElroy. 2,012,199; Aug. 20.
- Fuels, Manufacture of gum inhibited motor. E. Ayres. 1,991,779; Feb. 19.
- Fuels, Preparation of motor. R. E. Burk and E. C. Hughes. 1,997,480; Apr. 9.
- Fuels, Process and apparatus for increasing the octane value of liquid hydrocarbon motor. A. D. Smith. 1,992,512; Feb. 26.
- Fuels, Production of motor. R. H. Price. 2,008,468; July 16.
- Fuels, Stabilization of motor. F. B. Downing and H. W. Walker. 2,014,200; Sept. 10.
- Fuels, Stabilizing motor. W. S. Calcott and I. E. Lee. 1,999,830; Apr. 30.
- Fuels, Treating and purifying motor. W. M. Stratford. 2,024,117; Dec. 10.
- Fuels, Treating motor. P. Poetschke. 2,018,570; Oct. 22.
- Full tone reproducing screen, Lenticular. V. C. Ernst. 1,991,888; Feb. 19.
- Fuller's earth, Revivifying. B. Manross. 2,000,973; May 14.
- Fumes, Consuming. L. L. Wakefield. 1,992,136; Feb. 19.
- Fumigant. R. T. Cotton and H. D. Young. 2,024,027; Dec. 10.
- Fumigant. J. W. Dunning. 1,996,065; Apr. 2.
- Fumigant package, Volatile. H. W. Houghton. 1,991,938; Feb. 19.
- Fumigating pump. W. D. Merrill. 2,015,723; Oct. 1.
- Fumigation. J. M. Baer. 2,007,738; July 9.
- Function control device. J. A. B. Smith. 1,992,399; Feb. 26.
- Fungicide. H. A. Bruson. 2,022,185; Nov. 26.
- Fungicides and insecticides, Producing. V. Casaburi. 1,986,044; Jan. 1.
- Funnel. A. M. Carvalho. 1,992,187; Feb. 26.
- Funnel. E. D. MacArthur. 1,990,556; Feb. 12.
- Funnel and measure, Combination. F. J. Kneer. 2,024,168; Dec. 17.
- Fur, Apparatus for making imitation Astrakhan. G. Romane. 2,005,049; June 18.
- Fur pointing machine. N. Dicker. 1,988,682; Jan. 22.
- Fur seal. M. Canter. 2,010,583; Aug. 6.
- Fur shearing machine. J. Zabel. 2,020,449; Nov. 12.
- Furfural from cellulose and cellulose containing materials, Production of. A. Classen. 2,008,006; July 16.
- Furnace: See—
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| Aluminium melting furnace. | Hot air furnace. |
| Annealing furnace. | Hot air heating furnace. |
| Automatic furnace. | Incinerating furnace. |
| Automatic underfeed furnace. | Incinerator furnace. |
| Baffle furnace. | Ingot heating furnace. |
| Bagasse burning furnace. | Melting furnace. |
| Bell retort furnace. | Melting and holding furnace. |
| Blast furnace. | Metallurgical furnace. |
| Boiler furnace. | Multiple furnace. |
| Casting furnace. | Multitubular furnace. |
| Continuous furnace. | Open hearth furnace. |
| Crucible furnace. | Oscillating furnace. |
| Electric furnace. | Refining cupola furnace. |
| Electrical resistance furnace. | Regenerative furnace. |
| Floor furnace. | Roasting furnace. |
| Fuel burning furnace. | Rotary and semirotary furnace. |
| Gas fired furnace. | Rotary furnace. |
| Glass furnace. | Rotary hearth furnace. |
| Glass melting furnace. | Tapping furnace. |
| Heat treating furnace. | Underfeed furnace. |
| Heating furnace. | Warm air furnace. |
- Furnace. E. G. Bailey. 1,986,662-3; Jan. 1.
- Furnace. E. G. Bailey. 1,986,667; Jan. 1.
- Furnace. E. G. Bailey. 1,992,459; Feb. 26.
- Furnace. E. G. Bailey. 2,012,415; Aug. 27.
- Furnace. E. G. Bailey and R. Shellenberger. 2,011,026; Aug. 13.
- Furnace. H. Blackburn. 1,994,383; Mar. 12.
- Furnace. D. J. Campbell. 1,993,707; Apr. 23.
- Furnace. F. H. Cornelius. 1,986,878; Jan. 8.
- Furnace. F. H. Cornelius. 1,991,449; Feb. 19.
- Furnace. F. H. Cornelius. 2,011,754; Aug. 20.
- Furnace. L. de Florez. 1,989,612; Jan. 29.
- Furnace. H. P. Ford. 2,010,985; Aug. 13.
- Furnace. R. L. Godshalk and R. Shellenberger. 1,986,669; Jan. 1.
- Furnace. C. B. Grady. 1,999,046; Apr. 23.
- Furnace. A. Graf. 1,991,203; Feb. 12.
- Furnace. W. Grothe. 2,002,030; May 21.
- Furnace. R. M. Hardgrove. 1,986,664-5; Jan. 1.
- Furnace. F. M. Iler. 1,990,827; Feb. 12.
- Furnace. O. Kelly. 2,011,344; Aug. 13.
- Furnace. P. H. Koch. 2,024,232; Dec. 17.
- Furnace. H. G. Lindner. 1,996,623; Apr. 2.
- Furnace. J. A. Masonick. 2,014,658; Sept. 17.
- Furnace. C. A. Maxwell. 1,986,668; Jan. 1.
- Furnace. W. Roth and F. X. Kerin. 2,023,101; Dec. 3.
- Furnace. A. L. Schellhammer, C. S. Andersen, and J. D. Kroeker. 1,991,704; Feb. 19.
- Furnace. L. R. Stowe. 1,999,708; Apr. 30.
- Furnace. J. E. Trainer and J. P. Roger. 2,015,699; Oct. 1.
- Furnace. R. D. Van Nordstrand. 2,016,914; Oct. 8.
- Furnace. M. Warren. 2,006,849; July 2.
- Furnace. W. E. Weaver. 2,019,283; Oct. 29.
- Furnace. C. B. Yoder. 2,016,762; Oct. 8.
- Furnace and air conditioner. E. I. Dail. 2,002,312; May 21.
- Furnace and block therefor, Glass tank. P. G. Willetts. 1,996,266; Apr. 2.
- Furnace and condensing chambers, Ore reduction. A. A. Anderson. 2,012,092; Aug. 20.
- Furnace and method of operation, Electric. J. Ferguson. 2,022,112; Nov. 26.
- Furnace and operating the same, Electric. R. C. Benner, G. J. Easter and C. E. Hawke. 1,997,622; Apr. 16.
- Furnace and process of heating. E. F. Kenney. 1,996,295; Apr. 2.
- Furnace carrier. R. J. Williams. 2,006,612; July 2.
- Furnace charge, Treating. F. R. Kemmer. 2,011,288; Aug. 13.
- Furnace charging machine. C. L. Taylor. 2,019,102; Oct. 29.
- Furnace combustion, Controlling. E. O. Scheerer. 2,018,925; Oct. 29.
- Furnace construction. J. E. Anderson. 2,011,701; Aug. 20.
- Furnace construction. J. C. Cameron and C. E. R. West. 1,989,400; Jan. 29.
- Furnace construction. R. D. De Wolf. 2,007,038; July 2.
- Furnace construction. R. D. Foltz and R. C. Denny. 2,022,312; Nov. 26.
- Furnace construction. K. Hofmann. 2,023,174; Dec. 3.
- Furnace construction. L. H. Hosbein. 1,990,185; Feb. 5.
- Furnace construction. L. H. Hosbein. 2,012,429; Aug. 27.
- Furnace construction. E. J. Schimke. 1,986,538; Jan. 1.
- Furnace construction. A. Surry. 1,993,251; Mar. 5.

- Furnace construction. E. L. and M. E. Watson. 2,020,862; Nov. 12.
- Furnace construction and control means therefor. J. W. Norris. 2,015,960; Oct. 1.
- Furnace construction and producing molten glass. J. L. Drake. 2,010,064; Aug. 6.
- Furnace control. G. R. Folds. 1,996,237; Apr. 2.
- Furnace control. F. M. Poole. 1,987,311; Jan. 8.
- Furnace control apparatus. R. M. Hartigan. 1,991,248; Feb. 12.
- Furnace control system, Automatic. C. W. Lugar. 2,025,542; Dec. 24.
- Furnace conveyer shaft. O. K. Carpenter. 2,024,024; Dec. 10.
- Furnace draft indicator. J. L. Schueler. 1,987,642; Jan. 15.
- Furnace fire box and arch structure. J. C. Chapple. 1,996,058-9; Apr. 2.
- Furnace for black liquor, Smelting. A. G. Kernin. 2,004,205; June 11.
- Furnace for heating homes, Hot air. F. A. Whiteley. 2,022,835; Dec. 3.
- Furnace for producing purified metals. M. L. Wood. 2,001,808; May 21.
- Furnace for sintering and fusing quartz. F. Winkler. 2,003,423; June 4.
- Furnace having a floor with inclined edges, Slag-tapping. R. M. Hardgrove. 1,986,666; Jan. 1.
- Furnace heat distributing device. L. E. Schumacher. 1,998,390; Apr. 16.
- Furnace installation, Slagging. W. J. Vogel. 1,986,951; Jan. 8.
- Furnace lining and preparing same for use. G. F. Doyle. 1,994,637; Mar. 19.
- Furnace lining protection. F. Wever. 1,997,988; Apr. 16.
- Furnace method and apparatus, Blast. H. A. Spalding. 1,997,603; Apr. 16.
- Furnace, Method and apparatus for mixing and discharging the contents of an electric glass. J. Ferguson. 2,018,885; Oct. 29.
- Furnace, Method and apparatus, Induction. E. F. Northrup. 1,986,353; Jan. 1.
- Furnace muffle construction, Electric. T. H. Forde. 2,002,241; May 21.
- Furnace, Operating a reducing. A. J. Mason. 1,990,296; Feb. 5.
- Furnace operation, Electric. P. L. J. Miguet and M. P. Perron. 2,003,653; June 4.
- Furnace refractory. G. J. Easter. 2,017,056; Oct. 15.
- Furnace regenerator. F. R. McGee. 1,986,737; Jan. 1.
- Furnace regulator. T. J. Long. 2,004,666; June 11.
- Furnace regulator system, Electric. F. E. Ackley. 2,008,537; July 16.
- Furnace regulator, Thermostatic. C. A. Latimer. 2,010,305; Aug. 6.
- Furnace roll and the like. N. B. Ornitz. 1,997,469; Apr. 9.
- Furnace sealing device and gas control. O. J. Blanchet. 1,996,564; Apr. 2.
- Furnace structure. E. G. Bailey. 2,024,198; Dec. 17.
- Furnace structure. O. J. Kuenhold. 1,995,209; Mar. 19.
- Furnace structure. L. T. Petit. 2,024,595; Dec. 17.
- Furnace system, Electric. N. R. Stansel. 1,992,784; Feb. 26.
- Furnace top, Blast. K. F. Juengling. 2,021,555; Nov. 19.
- Furnace wall. E. M. Johnson. 1,992,620; Feb. 26.
- Furnace wall. M. H. Kuhner. 2,010,597; Aug. 6.
- Furnace wall. H. E. Preston. 2,002,276; May 21.
- Furnace wall construction. W. F. Brown. 2,010,055; Aug. 6.
- Furnace wall structure. F. J. Tone. 1,992,587; Feb. 26.
- Furnace with tube supported roof. H. J. Kerr. 1,987,574; Jan. 8.
- Furnaces, Apparatus for charging. E. Gerlach. 2,015,451; Sept. 24.
- Furnaces by means of cooling chambers, Cooling. G. Dörrenhaus and S. Walter. 2,006,266; June 25.
- Furnaces, Fueling and controlling. D. D. Gardner and C. F. Loeffler. 1,987,289; Jan. 8.
- Furnaces, Method and apparatus for controlling. H. A. Dreffeln. 1,999,038; Apr. 23.
- Furnaces, Regulation of. W. A. Loth. 1,996,161; Apr. 2.
- Furnace with grate for combustion of refuse of any kind. A. Christensen. 2,015,842; Oct. 1.
- Furnaces with heavy fuel oil, Apparatus for firing. W. M. Hepburn and E. G. de Coriolis. 2,018,956; Oct. 29.
- Furnishings, Concealable. W. C. Fain. 2,023,356; Dec. 3.
- Furniture. A. Ernest. 1,997,577; Apr. 16.
- Furniture. C. W. Farrar. 2,009,224-5; July 23.
- Furniture. H. H. Goldberger. 1,993,601; Mar. 5.
- Furniture. J. P. Kiesecker. 2,004,287; June 11.
- Furniture. H. E. Levine. 1,987,940; Jan. 15.
- Furniture, Article of. A. D. Fuller. 2,015,518; Sept. 24.
- Furniture, Article of. A. B. Modine. 1,999,659; Apr. 30.
- Furniture. Article of printer's. E. L. Kokanour. 2,002,895; May 28.
- Furniture back support, Seating. D. Hanauer. 2,020,028; Nov. 5.
- Furniture brace. T. H. Wittliff. 1,993,578; Mar. 5.
- Furniture construction. R. A. Ferguson. 1,993,437; Mar. 5.
- Furniture construction. M. Martin. 1,998,326; Apr. 16.
- Furniture construction, Metal. J. R. Anderson. 1,999,436; Apr. 30.
- Furniture, Convertible. C. N. Allerding. 2,024,960; Dec. 17.
- Furniture dusting tool. D. B. Replogle. 1,994,871; Mar. 19.
- Furniture, Fireproof. J. P. Kiesecker. 1,998,138; Apr. 16.
- Furniture, Folding. G. A. Knott. 2,004,896; June 11.
- Furniture, Folding article of. J. Kovats. 2,005,716; June 18.
- Furniture, Knockdown. V. F. Blake. 2,000,915; May 14.
- Furniture leg, Folding. W. M. Boenning. 2,020,014; Nov. 5.
- Furniture leg support. L. A. Jones. 2,018,264; Oct. 22.
- Furniture pad. A. C. Korte. 2,000,902; May 14.
- Furniture spring. L. Kimbrig. 2,001,964; May 21.
- Furniture, Store. S. W. Snelling. 1,997,952; Apr. 16.
- Furoyl substituted mercaptobenzothiazoles, Production of. S. M. Evans. 2,020,051; Nov. 5.
- Furring clip. L. Inglee. 2,013,101; Sept. 3.
- Furring for metal lath, Continuous. E. R. Boyle. 1,993,432; Mar. 5.
- Furring means. H. B. Okey. 1,995,748; Mar. 26.
- Fuse. M. L. Mathsen. 2,012,281; Aug. 27.
- Fuse. A. G. Steinmayer. 1,993,866; Mar. 12.
- Fuse. H. Stueckmann. 2,012,898; Aug. 27.
- Fuse and adapter, Plug. G. R. Brown. 2,018,484; Oct. 22.
- Fuse and element, Cartridge ferrule type refillable. J. B. Glowacki. 2,017,492; Oct. 15.
- Fuse and element, Non-refillable cartridge. J. B. Glowacki. 2,017,490; Oct. 15.
- Fuse and switch box, Combination. C. J. Gordon. 2,021,256; Nov. 19.
- Fuse block. J. Sandin. 2,011,654; Aug. 20.
- Fuse, Cartridge. R. G. Sherwood. 2,007,313; July 9.
- Fuse, Cartridge ferrule type refillable. J. B. Glowacki. 2,017,491; Oct. 15.
- Fuse center. L. W. Cole. 2,018,298; Oct. 22.
- Fuse clip tightener. F. G. Faile. 1,991,607; Feb. 19.
- Fuse connection. A. La Motte, R. H. Summer, and W. H. Ward. 1,991,856; Feb. 19.
- Fuse construction. H. K. Watson. 1,987,039; Jan. 8.
- Fuse construction, Repeating. W. O. Schultz and A. G. Steinmayer. 1,991,064; Feb. 12.
- Fuse cut-out. J. Sandin. 2,016,099; Oct. 1.
- Fuse cutter, Miner's. H. Baker. 2,002,050; May 21.
- Fuse device, Multiple. W. H. Frank, J. A. Messing and H. J. L. Frank. 2,000,016; May 7.
- Fuse, Electric. H. T. Bussmann. 2,004,191; June 11.
- Fuse, Electric. V. Hope. 2,018,556; Oct. 22.
- Fuse, Electric time. K. Schaffer-Glössl. 2,000,617; May 7.
- Fuse, Electrical. A. West and V. Breeze. 1,987,543; Jan. 8.
- Fuse, Expulsion. B. R. Hermann. 1,992,030; Feb. 19.
- Fuse ferrules, Removing. E. Montague. 2,006,647; July 2.
- Fuse for an electrically heated device. J. C. Adams. 2,022,531; Nov. 26.
- Fuse for artillery projectiles, Mechanical time. H. Jung-hans. 2,011,286; Aug. 13.
- Fuse for bombs and similar projectiles, Percussion. L. Savani. 2,023,938; Dec. 10.
- Fuse for electric switch assemblies, Localized multiple. L. J. Bredl. 1,987,547; Jan. 8.
- Fuse for projectiles. M. L. Mathsen. 2,014,393; Sept. 17.
- Fuse for projectiles. N. E. Methlin. 2,006,575; July 2.
- Fuse for projectiles. A. F. Teitscheid. 2,014,401; Sept. 17.
- Fuse for projectiles. H. G. Towner. 1,992,926; Feb. 28.
- Fuse for projectiles and particularly for small caliber high explosive projectiles. V. Schlärer. 2,005,053; June 18.
- Fuse for projectiles, Time. S. Wiley. 1,988,467; Jan. 22.
- Fuse for time and percussion projectiles, Mechanical. F. Aliquot. 1,992,278; Feb. 26.
- Fuse holder. R. L. Smythe and A. G. Steinmayer. 1,996,888; Apr. 9.
- Fuse holding means. W. H. Frank, J. A. Messing, and P. S. Jenkins. 1,988,170; Jan. 15.
- Fuse igniter. J. S. Frye. 2,003,483; June 4.
- Fuse, Indicating plug. F. C. La Mar. 2,009,089; July 23.
- Fuse integrity indicator. F. C. La Mar. 1,989,482; Jan. 29.
- Fuse link. E. F. Boothe. 1,998,042; Apr. 16.
- Fuse-link. R. R. Pittman and C. H. Walsh. 2,026,059; Dec. 31.
- Fuse, Liquid. R. H. Earle. 1,987,056-7; Jan. 8.
- Fuse, Liquid. R. H. Earle. 2,010,657; Aug. 6.
- Fuse, Liquid. R. H. Earle and W. E. Mittelstadt. 1,996,862; Apr. 9.
- Fuse, Liquid. A. G. Steinmayer. 2,023,555; Dec. 10.
- Fuse, Mechanical time. H. Jung-hans. 1,990,034; Feb. 5.
- Fuse mechanism. E. G. Johansson. 2,004,328; June 11.
- Fuse, Oil. A. G. Steinmayer and W. O. Schultz. 2,003,616; June 4.
- Fuse plug. M. Goldman. 1,993,403; Mar. 5.
- Fuse, Plug. G. R. Goodwin. 2,013,147; Sept. 3.
- Fuse, Plug. A. Miller and G. Goodwin. 1,996,432; Apr. 2.
- Fuse plug. B. L. Moss. 1,994,895; Mar. 19.
- Fuse plug. S. Quiskling. 2,013,289; Sept. 3.
- Fuse plug. H. Ruskin. 1,996,258; Apr. 2.
- Fuse plug, Multiple. M. Lefebvre. 2,006,837; July 2.
- Fuse, Renewable electric. M. B. Wood. 1,991,876; Feb. 19.

- Fuse setting apparatus. A. Gietmann. 1,996,702; Apr. 2.
 Fuse setting machine. A. Gietmann. 2,009,313; July 23.
 Fuse switch. L. P. Boll and T. Birkenmaier. 1,993,083; Mar. 5.
 Fuse switch. L. P. Boll and T. Birkenmaier. 2,000,876; May 7.
 Fuse switch. L. P. Boll and T. Birkenmaier. 2,003,768; June 4.
 Fuse switch construction. V. L. Westberg. 2,006,611; July 2.
 Fuse switch, High tension. T. E. Murray, Jr. 2,004,212; June 11.
 Fuse testing device. M. Podell. 1,989,645; Jan. 29.
 Fuse, Testing of detonating. W. O. Snelling. 2,008,046; July 16.
 Fuse, Time delay. W. J. Barthe. 2,012,215; Aug. 20.
 Fuse, Vacuum. W. K. Rankin. 1,991,228; Feb. 12.
 Fuse, Visible multiple. A. J. Matter. 1,990,340; Feb. 5.
 Fused connector. J. A. Fried. 1,990,176; Feb. 5.
 Fused preparation for glass batches. F. C. Flint. 1,986,720; Jan. 1.
 Fuselage welder. B. Burns. 1,989,266; Jan. 29.
 Fusible plug. E. V. Cousineau. 2,014,964; Sept. 17.
 Fusion indicating means. E. G. Touceda. 2,024,615; Dec. 17.
 Fusion process. E. Little. 1,998,631; Apr. 23.
 Fuze and other values for use in connection with anti-aircraft guns, Determining. J. P. Watson. 1,990,577; Feb. 12.
 Fuze setting apparatus, Automatic. A. Gietmann. 2,002,056; May 21.
 Gain control apparatus. S. P. Shackleton. 2,017,923; Oct. 22.
 Gain control, Automatic. P. Borias. 2,010,842; Aug. 13.
 Gallery, Shooting. C. W. Griffith. 2,007,083; July 2.
 Galvanic battery. H. W. Brownsdon and R. Chadwick. 2,018,942; Oct. 29.
 Galvanizing apparatus. A. Bradley. 2,010,939; Aug. 13.
 Galvanizing apparatus. A. F. Bradley. 2,010,941; Aug. 13.
 Galvanizing apparatus. A. Bradley and E. T. Foley. 2,008,813; July 23.
 Galvanizing apparatus. K. Merckenschlager. 2,016,446; Oct. 8.
 Galvanizing apparatus and method. P. W. Dillon. 2,010,946; Aug. 13.
 Galvanizing apparatus and process. A. Bradley. 2,010,940; Aug. 13.
 Galvanizing containers, Apparatus for. J. W. Hand. 2,013,047; Sept. 3.
 Galvanizing device. F. C. Williams. 2,008,736; July 23.
 Galvanometer, Recording. F. F. Uehling. 2,022,097; Nov. 26.
 Game. L. E. Baltzley. 2,011,995; Aug. 20.
 Game. A. M. Barrett and E. H. Wolfe. 2,006,620; July 2.
 Game. A. H. Behrman and F. H. Avers. 2,020,929; Nov. 12.
 Game. H. Bergoffen. 2,010,213; Aug. 6.
 Game. H. M. Brading. 2,011,749; Aug. 20.
 Game. M. A. Elliotte. 2,022,278; Nov. 26.
 Game. F. Feitosa. 2,024,034; Dec. 10.
 Game. J. A. Flondella. 2,002,631; May 28.
 Game. T. Gensmer. 2,009,256; July 23.
 Game. A. and M. Hase. 2,017,536; Oct. 15.
 Game. E. T. Howard. 2,017,501; Oct. 15.
 Game. Y. W. Kim. 2,003,203; May 28.
 Game. F. A. Koehler. 2,008,357; July 16.
 Game. L. D. Kroff. 2,026,048; Dec. 31.
 Game. G. N. Lamb. 2,008,359; July 16.
 Game. L. L. Langrock. 1,986,000; Jan. 1.
 Game. G. D. Manville. 1,986,838; Jan. 8.
 Game. L. Marx. 2,009,698; July 30.
 Game. B. E. Mittelman. 2,001,366; May 14.
 Game. G. Nicot. 1,998,786; Apr. 23.
 Game. S. Oakes and J. Oakes. 2,020,158; Nov. 5.
 Game. A. E. Opalka. 2,019,358; Oct. 29.
 Game. J. L. Perkins. 2,004,707; June 11.
 Game. F. T. Phelan. 2,015,284; Sept. 24.
 Game. H. L. Quine. 2,006,176; June 25.
 Game. S. Quisling. 1,992,094; Feb. 19.
 Game. F. F. C. Rippon. 2,008,189; July 16.
 Game. N. LeR. Rogers. 2,007,216; July 9.
 Game. W. L. Rothschild. 2,011,163; Aug. 13.
 Game. L. D. Schoolfield. 1,991,468; Feb. 19.
 Game. G. C. Sharp. 1,997,238; Apr. 9.
 Game. W. E. Spriggs. 2,007,885; July 9.
 Game. H. L. Sweney. 1,997,501; Apr. 9.
 Game. R. B. Terry. 2,025,484; Dec. 24.
 Game. E. F. Van Santen. 2,006,492; July 2.
 Game. F. C. Wachs. 1,995,786; Mar. 26.
 Game. J. H. Warner. 2,008,479; July 16.
 Game. E. F. Wright. 1,990,809; Feb. 12.
 Game. C. H. Zeiss. 2,000,369; May 7.
 Game accessory, Amusement. M. Gensburg. 1,992,660; Feb. 26.
 Game, Aeroquitos. F. W. Erickson. 2,009,252; July 23.
 Game and game apparatus. G. F. Cahill. 2,000,123; May 7.
 Game and game apparatus. G. F. Cahill. 2,018,833; Oct. 29.
 Game and individual player instruction sheet therefor, Combination. R. G. Williams. 2,025,966; Dec. 31.
 Game and toy. C. Woge. 2,021,472; Nov. 19.
 Game apparatus. R. E. Ashley. 2,015,508; Sept. 24.
 Game apparatus. H. V. Atkinson. 1,994,936; Mar. 19.
 Game apparatus. T. Béland. 1,998,153; Apr. 16.
 Game apparatus. J. P. Benson. 1,994,977; Mar. 19.
 Game apparatus. H. G. Breitenstein. 1,999,685; Apr. 30.
 Game apparatus. M. J. Brenner. 1,990,109; Feb. 5.
 Game apparatus. C. V. Brown. 1,986,710; Jan. 1.
 Game apparatus. J. G. Bryn. 1,988,071; Jan. 15.
 Game apparatus. J. B. Firestone. 2,004,981; June 18.
 Game apparatus. J. B. Firestone. 2,008,009; July 16.
 Game apparatus. O. K. Fischer. 2,023,676; Dec. 10.
 Game apparatus. A. Frohne. 2,024,851; Dec. 17.
 Game apparatus. M. Gensburg. 1,992,659; Feb. 26.
 Game apparatus. M. Gensburg. 2,003,356; June 4.
 Game apparatus. L. W. Gensburg. 2,020,354; Nov. 12.
 Game apparatus. J. Grauer. 2,003,145; May 28.
 Game apparatus. W. H. Huenergardt. 2,024,863; Dec. 17.
 Game apparatus. F. F. Hughes. 2,013,958; Sept. 10.
 Game apparatus. G. F. Hochriem. 2,010,487; Aug. 6.
 Game apparatus. L. C. Hodson. 1,991,671; Feb. 19.
 Game apparatus. J. A. Kimball. 2,003,370; June 4.
 Game apparatus. C. R. Kirk and E. E. Collison. 2,004,989-90; June 18.
 Game apparatus. C. R. Kirk and E. E. Collison. 2,005,548; June 18.
 Game apparatus. J. Lipschitz and B. Schiftenhaus. 1,989,599; Jan. 29.
 Game apparatus. W. R. McDonald. 1,987,695; Jan. 15.
 Game apparatus. H. McKeever. 2,001,330; May 14.
 Game apparatus. J. F. Meyer. 2,000,778; May 7.
 Game apparatus. J. Moodie. 2,008,588; July 16.
 Game apparatus. F. W. Müller. 1,994,862; Mar. 19.
 Game apparatus. J. W. Orcutt. H. A. Stearns and T. L. Wall. 2,012,518; Aug. 27.
 Game apparatus. B. Radtke. 2,012,519; Aug. 27.
 Game apparatus. B. Radtke. 2,025,823; Dec. 31.
 Game apparatus. C. R. Rawdon. 1,991,626; Feb. 19.
 Game apparatus. D. C. Rokola. 2,024,835; Dec. 17.
 Game apparatus. J. K. Stafford. 1,999,518; Apr. 30.
 Game apparatus. H. W. Standidge. 2,001,829; May 21.
 Game apparatus. C. K. Strickler and J. C. Randall. 2,014,788; Sept. 17.
 Game apparatus. H. A. Viets. 2,016,465; Oct. 8.
 Game apparatus. A. Weinberg. 1,996,986; Apr. 9.
 Game apparatus. W. Willman. 2,010,209; Aug. 6.
 Game apparatus, Board. C. B. Darrow. 2,026,082; Dec. 31.
 Game apparatus—bull fight. M. J. Diaz. 2,020,401; Nov. 12.
 Game apparatus, Card. J. Gordon. 1,996,151; Apr. 2.
 Game apparatus, Race. P. G. Kennedy. 1,999,052; Apr. 23.
 Game apparatus, Race. P. G. Kennedy. 2,026,181; Dec. 31.
 Game, Appliance for playing a race. C. B. Mosse. 1,993,679; Mar. 5.
 Game, Aviation. H. Kludas. 1,992,218; Feb. 26.
 Game, Ball tossing. M. J. DeMaster. 2,021,989; Nov. 26.
 Game, Baseball. R. A. Lemoyne. 2,003,207; May 28.
 Game, Baseball. H. Walker. 2,008,052; July 16.
 Game board. L. Coffin. 1,988,301; Jan. 15.
 Game board. L. M. Dunwoody. 2,025,942; Dec. 31.
 Game board. F. L. Lindstrom. 1,995,263; Mar. 19.
 Game board. F. K. Maitland. 2,019,150; Oct. 29.
 Game board or the like. A. B. Terkelsen. 2,017,479; Oct. 15.
 Game, Card. E. L. Sweet. 1,994,053; Mar. 12.
 Game club. E. B. Hinkle. 2,023,885; Dec. 10.
 Game contrivance. N. Tomasevich. 2,018,041; Oct. 22.
 Game counter. A. W. Payne and A. J. Matter. 2,008,153; July 16.
 Game, Court. P. H. Couse. 2,006,497; July 2.
 Game device. G. A. Blank. 2,022,533; Nov. 26.
 Game device. G. C. Boyer. 2,003,801; June 4.
 Game device. B. S. Elliott. 1,990,859; Feb. 12.
 Game device. C. W. and J. T. Kemper. 2,010,266; Aug. 6.
 Game device. H. D. Reid. 2,012,730; Aug. 27.
 Game device. O. Reimert. 2,017,473; Oct. 15.
 Game device. C. J. Rothen. 2,001,500; May 14.
 Game device. K. C. Shivers. 2,015,293; Sept. 24.
 Game device, Chance. C. P. O'Neil. 2,012,544; Aug. 27.
 Game device, Electrical. R. K. Potter. 2,023,210; Dec. 3.
 Game, Drum. D. Škorić. 2,003,979; June 4.
 Game, Hand pool. J. N. Maxwell. 2,005,660; June 18.
 Game, Mechanical baseball. R. F. Callejas. 1,994,685; Mar. 19.
 Game mechanism. J. W. Pattison. 1,988,251; Jan. 15.
 Game of skill. L. W. Gensburg. 1,992,658; Feb. 26.
 Game of skill. R. A. Hennings. 1,986,929; Jan. 8.
 Game of skill. H. W. Seiden and H. L. Seiden. 2,010,966; Aug. 13.
 Game of skill. G. R. Urbach. 2,012,673; Aug. 27.
 Game, Pin. E. M. Kelley. 1,987,480; Jan. 8.
 Game, Pin ball amusement. H. G. Breitenstein. 2,004,190; June 11.
 Game playing board. J. E. Swazzye. 1,988,988; Jan. 22.
 Game practice means. C. I. Robinson. 2,005,241; June 18.
 Game, Puzzle. J. Greene. 2,007,530; July 9.
 Game, Race horse. E. S. Neuzil. 2,010,558; Aug. 6.
 Game, Slit-ball. T. J. Berning and M. P. Hoover. 2,001,811; May 21.
 Game, Solitaire card. E. C. Hoffman. 2,010,516; Aug. 6.
 Game table. R. W. Martin. 2,008,078; July 16.
 Game table. J. K. Mitchell. 2,003,834; June 4.

- Game, Target. D. W. Price and M. Kellermann. 2,006,180; June 25.
- Game toy target. E. B. Bicker. 2,024,421; Dec. 17.
- Games, Apparatus for practicing ball. P. Lake. 2,017,720; Oct. 15.
- Games, sports, or in fly-casting, etc., Device for use in playing athletic. S. P. Hayward. 2,011,362; Aug. 13.
- I-lactones, Production of. G. Scheuing and B. Walach. 2,007,813; July 9.
- Garage construction. H. L. Smith, Jr. 2,026,326; Dec. 31.
- Garage jack. T. J. McCarthy. 1,995,937; Mar. 26.
- Garbage and the like, System for the disposal of. M. Blumenthal and L. Casper. 2,014,796; Sept. 17.
- Garbage, ashes, and refuse disposal and land reclamation process. L. M. McCarthy. 2,017,417; Oct. 15.
- Garbage can. P. Pencovic. 1,995,779; Mar. 26.
- Garbage container. C. Kopchinsky. 2,012,855; Aug. 27.
- Garbage disposal device. J. W. Hammes. 2,012,680; Aug. 27.
- Garbage disposal receptacle. R. E. Hunt. 2,002,113; May 21.
- Garbage fill. J. P. Holland. 2,015,361; Sept. 24.
- Garden and lawn tool, Combined. G. C. J. Gray. 2,022,561; Nov. 26.
- Garden hose holder. A. A. Gabrielson. 1,992,203; Feb. 26.
- Garden hose loop holder. W. Lorenz. 2,011,521; Aug. 13.
- Garden hose stand. J. R. Hammons. 1,997,823; Apr. 16.
- Garden hose support. E. Praeger. 2,025,895; Dec. 31.
- Garden implement. J. F. Connor. 1,987,846; Jan. 15.
- Garden tool. E. L. Combs. 2,006,672; July 2.
- Gardening implement. E. H. Angel. 2,018,591; Oct. 22.
- Gardening implement. N. Masamitsu. 2,011,062; Aug. 13.
- Garment. I. Abrams. 2,021,711; Nov. 19.
- Garment. L. Adler. 2,021,586; Nov. 19.
- Garment. J. L. Alberts. 1,989,303; Jan. 29.
- Garment. H. Brewster. 2,010,345; Aug. 6.
- Garment. H. Brewster. 2,016,664; Oct. 8.
- Garment. S. J. Burnell. 1,992,351; Feb. 26.
- Garment. B. Cahn. 2,015,589; Sept. 24.
- Garment. F. R. Cole. 2,021,714; Nov. 19.
- Garment. L. M. Cooper. 2,010,349; Aug. 6.
- Garment. W. D. Craig. 1,990,426; Feb. 5.
- Garment. W. D. Craig. 2,021,098; Nov. 12.
- Garment. W. Daniel. 1,996,613; Apr. 2.
- Garment. P. D'Avanz. 2,024,094; Dec. 10.
- Garment. S. J. Dichter. 2,000,633; May 7.
- Garment. E. Donaldson. 2,000,898; May 14.
- Garment. M. M. Downing. 2,013,436; Sept. 3.
- Garment. A. L. Flesh. 2,018,665-6; Oct. 29.
- Garment. J. Freedman. 2,008,134; July 16.
- Garment. E. M. Gribbon. 2,009,011; July 23.
- Garment. P. Halpern. 1,987,954; Jan. 15.
- Garment. J. Hendel. 2,024,922; Dec. 17.
- Garment. L. L. Langrock. 2,010,434; Aug. 6.
- Garment. A. M. Loew. 1,998,140; Apr. 16.
- Garment. G. K. Manus. 1,995,004; Mar. 19.
- Garment. M. Michel. 2,011,295; Aug. 13.
- Garment. H. V. Nier. 2,008,152; July 16.
- Garment. C. E. Oathout. 2,003,217; May 28.
- Garment. C. E. Oathout. 2,020,568; Nov. 12.
- Garment. D. C. O'Shea. 1,987,369; Jan. 8.
- Garment. T. Papageorge. 2,013,833; Sept. 10.
- Garment. C. D. Perillat. 2,001,283; May 14.
- Garment. M. Reich. 2,000,149; May 7.
- Garment. F. C. Rickert. 2,015,532; Sept. 24.
- Garment. H. Rubin, A. Casper, and N. Rothman. 2,013,929; Sept. 10.
- Garment. S. F. Stein. 1,990,572; Feb. 12.
- Garment. S. Stephanian. 1,997,703; Apr. 16.
- Garment. A. E. Swanson. 2,010,903; Aug. 13.
- Garment. F. E. Waterman, Jr. 2,008,118; July 16.
- Garment. V. N. Weiss. 1,999,433; Apr. 30.
- Garment and belt therefor, Draped. M. Blumgardt. 2,019,248; Oct. 29.
- Garment and method of manufacture, Body. H. A. Goas. 2,000,073; May 7.
- Garment attachment. E. Morells. 2,017,984; Oct. 22.
- Garment bag. W. M. Moore. 2,001,624; May 14.
- Garment, Bathing. S. Tait. 1,999,010; Apr. 23.
- Garment, Beach. C. M. Hogan. 2,004,985; June 18.
- Garment, Burial. N. A. Komer. 2,007,252; July 9.
- Garment carrier. I. Dukes. 2,025,733; Dec. 31.
- Garment carrying unit. J. Ritter, Jr. 2,016,966; Oct. 1.
- Garment, Child's. D. S. Foodem. 2,003,683; June 4.
- Garment, Child's. R. W. Jones. 1,998,085; Apr. 16.
- Garment, Child's. C. H. Shapiro. 2,008,773; July 23.
- Garment, Combination. S. D. Kops. 2,009,891; July 30.
- Garment, Combination. P. H. Robbins. 2,015,157; Sept. 24.
- Garment, Combination. R. H. Rosenberg. 1,993,568; Mar. 5.
- Garment, Composite. J. V. Hollar. 2,010,592; Aug. 6.
- Garment construction. E. G. Dann. 2,023,194; Dec. 3.
- Garment construction. P. H. Jackson. 2,009,620; July 30.
- Garment construction. J. A. Lieberman. 2,023,963; Dec. 10.
- Garment, Detachable-hood. W. Lipson. 2,002,955; May 28.
- Garment fastener, Concealed. B. Berlin and I. Herman. 2,002,306; May 21.
- Garment, Figure molding. H. Wipperman. 2,014,545; Sept. 17.
- Garment finishing apparatus. J. W. Steele. 2,005,960; June 25.
- Garment flap fastener. U. G. Bumbarger. 2,018,120; Oct. 22.
- Garment, Foundation. K. E. Cunningham. 2,004,854; June 11.
- Garment, Foundation. K. E. Cunningham. 2,005,612; June 18.
- Garment, Foundation. M. Kahn. 1,993,671; Mar. 5.
- Garment, Foundation. J. Taylor. 1,999,792; Apr. 30.
- Garment hanger. A. G. Anderson. 2,014,061; Sept. 10.
- Garment hanger. H. L. Beutler. 2,014,165; Sept. 10.
- Garment hanger. A. B. Brown. 2,025,437; Dec. 24.
- Garment hanger. E. A. Field. 1,997,251; Apr. 9.
- Garment hanger. A. J. Fusseneegger. 2,005,290; June 18.
- Garment hanger. A. E. Kammritz. 2,009,497; July 30.
- Garment hanger. C. W. Kellerth. 2,004,284; June 11.
- Garment hanger. F. Key and E. S. Land. 2,013,275; Sept. 3.
- Garment hanger. W. F. Lederer. 1,990,128; Feb. 5.
- Garment hanger. P. Legus. 2,025,114; Dec. 24.
- Garment hanger. J. M. Oldham. 2,008,365; July 16.
- Garment hanger. J. M. Oldham. 2,025,887; Dec. 31.
- Garment hanger. F. W. Preston. 2,008,294; July 16.
- Garment hanger. E. D. Rogers. 2,023,443; Dec. 10.
- Garment hanger. G. M. Schott. 2,015,319; Sept. 24.
- Garment hanger. I. J. Shafarman. 2,014,299; Sept. 10.
- Garment hanger. A. A. Smith. 1,991,987; Feb. 19.
- Garment hanger. C. L. Troutman and C. F. Troutman. 2,008,604; July 16.
- Garment hanger. B. F. Vavruska. 2,003,763; June 4.
- Garment hanger. S. W. Willey. 2,009,462; July 30.
- Garment hanger. L. A. Young. 2,011,265; Aug. 13.
- Garment holder. A. W. Hoar. 1,997,490; Apr. 9.
- Garment, Hooded. J. E. Desmond. 1,993,149; Mar. 5.
- Garment, Infant's. L. G. Milkes. 2,008,919; July 23.
- Garment manufacture. A. Little. 1,994,956; Mar. 19.
- Garment, Nether. B. S. Alsop. 2,016,355; Oct. 8.
- Garment or ironing press. P. N. Braun and E. Davis. 2,022,073; Nov. 26.
- Garment or ironing press. J. P. Daly. 1,997,965; Apr. 16.
- Garment or ironing press. E. Davis. 1,994,414; Mar. 12.
- Garment or ironing press. E. Davis. 1,994,811; Mar. 19.
- Garment or ironing press. E. Davis. 1,999,400; Apr. 30.
- Garment or ironing press. E. Davis. 2,001,128; May 14.
- Garment or ironing press. E. Davis. 2,006,068; June 25.
- Garment or ironing press. E. Davis. 2,016,136; Oct. 1.
- Garment or ironing press. J. C. Ledbetter. 2,002,185; May 21.
- Garment or ironing press. J. C. Ledbetter. 2,013,102; Sept. 3.
- Garment press. A. F. Hanney. 2,009,446; July 30.
- Garment pressing machine. H. G. Beede. 1,986,099; Jan. 1.
- Garment pressing machine. H. G. Beede. 1,993,335; Mar. 5.
- Garment pressing machine. H. G. Boode. 2,026,264; Dec. 31.
- Garment pressing machine. S. W. Ford. 2,008,905; July 23.
- Garment pressing machine. W. Strobbridge. 2,014,300; Sept. 10.
- Garment pressing machine. T. Yosyk. 1,992,342; Feb. 26.
- Garment pressing machine. T. Yosyk. 2,007,321; July 9.
- Garment pressing machine. E. H. Zacharias. 2,004,547; June 11.
- Garment protector. N. J. Fleischer. 2,026,464; Dec. 31.
- Garment protector. S. J. Goldsmith. 2,003,114; May 28.
- Garment protector. A. E. Taylor. 2,017,328; Oct. 15.
- Garment, Riveted. M. Grunbaum. 1,999,927; Apr. 30.
- Garment, Sanitary. H. W. Ballard and D. E. Krabbe. 2,011,027; Aug. 13.
- Garment support. C. L. Braley. 2,017,944; Oct. 22.
- Garment support. A. J. Fishbone. 1,987,253; Jan. 8.
- Garment supporting device. A. T. Van Alostyn. 1,993,044; Mar. 5.
- Garment supporting means. A. Simpson. 2,004,481; June 11.
- Garment, Rubber and rubberized sanitary. J. Stein and H. H. Mosher. 2,023,252-3; Dec. 3.
- Garment, Workman's. P. M. Sanderson. 1,998,739; Apr. 23.
- Garment, Wrap-around. M. C. Schrank. 1,988,053; Jan. 15.
- Garments, Apparatus for and method of stretching. H. A. Johnston. 1,990,454; Feb. 5.
- Garments, hosiery, woven, knitted, or other goods, Ironing or pressing. F. Clare. 1,995,093; Mar. 19.
- Garter. J. C. Day. 2,001,240; May 14.
- Garter. H. E. Forkey. 2,923,729; Dec. 10.
- Garter band. J. D. Lathrop. 2,021,940; Nov. 26.
- Garter grip, Flat. J. Jacobs. 2,018,445; Oct. 22.
- Garter, Roll top stocking. C. W. Gidney. 1,995,261; Mar. 19.
- Gas analyses, Method and apparatus for. A. H. D. Howe. 2,005,036; June 18.
- Gas analysis apparatus. W. O. Hebler. 2,012,231; Aug. 20.
- Gas analysis apparatus. J. H. Oetjen. 2,012,017; Aug. 20.
- Gas analysis apparatus, Combustible. O. W. Johnson and P. S. Williams. 2,023,731; Dec. 10.
- Gas analysis, Apparatus for. R. P. Brown and T. R. Harrison. 2,000,119; May 7.

- Gas analysis, Method of and apparatus for quantitative. E. W. Gilliland and S. D. Price. 1,992,747; Feb. 26.
- Gas, analyzer, Combustible. W. E. Goldsborough. 2,013,998; Sept. 10.
- Gas and air control for gas burners. R. E. Kamp. 1,991,019; Feb. 12.
- Gas and air mixing device. M. F. Kowalski. 2,005,624; June 18.
- Gas and fuel valve, Safety. J. de Puddicombe. 2,022,846; Dec. 3.
- Gas and liquid contact, Method and apparatus for effecting a. W. P. Chandler, Jr. 2,012,442; Aug. 27.
- Gas and method of controlling compositions, Metallurgical furnace. F. P. Wilson, Jr. 1,988,929; Jan. 22.
- Gas and oil burner, Combination. R. H. Forney. 1,991,894; Feb. 19.
- Gas and vapor burner. W. C. Coleman. 2,013,683; Sept. 10.
- Gas, Apparatus for diluting. H. Clevely. 2,004,311; June 11.
- Gas, Apparatus for the scrubbing of. W. L. Chewing. 2,006,295; June 25.
- Gas, Apparatus for treating. J. P. Irwin and G. B. Garrett. 2,024,226; Dec. 17.
- Gas appliance, Automatic. F. A. Gauger. 1,995,846; Mar. 26.
- Gas arc lamp. K. F. J. Kirsten. 2,018,856; Oct. 29.
- Gas burner. H. Ackermann. 1,998,300; Apr. 16.
- Gas burner. J. D. Beckwith. 1,989,164; Jan. 29.
- Gas burner. L. S. Brown. 2,017,338; Oct. 15.
- Gas burner. H. W. Christie. 1,987,386; Jan. 8.
- Gas burner. C. Cone. 1,995,417; Mar. 26.
- Gas burner. B. Crisenberry. 2,024,510; Dec. 17.
- Gas burner. R. E. Evans. 2,026,027; Dec. 31.
- Gas burner. T. I. Forster. 2,004,317; June 11.
- Gas burner. W. M. Hepburn. 2,015,934; Oct. 1.
- Gas burner. E. H. Kahler. 1,990,736; Feb. 12.
- Gas burner. M. G. Klemme. 2,024,693; Dec. 17.
- Gas burner. A. A. King. 2,022,568; Nov. 26.
- Gas burner. W. E. and J. R. MacKenzie. 1,995,003; Mar. 19.
- Gas burner. W. B. Mangold. 1,995,934; Mar. 26.
- Gas burner. H. Moecker, Jr. 2,009,271; July 23.
- Gas burner. S. Morgan. 2,026,054; Dec. 31.
- Gas burner. G. A. Osborn. 2,012,580; Aug. 27.
- Gas burner. H. R. Palmer. 2,014,665; Sept. 17.
- Gas burner. J. C. Rogers. 1,986,288; Jan. 1.
- Gas burner. J. C. Rogers. 2,005,560; June 18.
- Gas burner. H. F. Smith. 2,015,822; Oct. 1.
- Gas burner. M. Thorson. 1,990,962; Feb. 12.
- Gas burner. N. J. Urquhart. 1,994,547; Mar. 19.
- Gas burner. C. A. Webber. 2,022,066; Nov. 26.
- Gas burner. E. G. White. 1,986,311; Jan. 1.
- Gas burner, Atmospheric. H. H. Dodge. 2,002,448; May 21.
- Gas burning apparatus. N. T. Branche. 2,005,252; June 18.
- Gas burning apparatus. W. A. Bulger. 2,025,089; Dec. 24.
- Gas burning apparatus for domestic heating plants. J. H. Gwathmey. 2,006,804; July 2.
- Gas, Burning fuel. H. C. Weller. 2,003,226; May 28.
- Gas by a liquid, Apparatus for the treatment of a. I. Hechenbleikner. 2,000,443; May 7.
- Gas by-product recovery, Coke-oven. J. Becker. 2,010,003; Aug. 6.
- Gas calorimeter. C. Gray. 1,995,979; Mar. 26.
- Gas cap and signal. G. H. Carah. 2,019,393; Oct. 29.
- Gas cartridge firing device. S. M. Abbott. 2,001,405; May 14.
- Gas cartridge or drum, Solidified. H. S. Cornish. 2,008,321; July 16.
- Gas, Cleaning. A. B. Haswell. 2,014,044; Sept. 10.
- Gas cock for thermostats, Combination. R. E. Newell. 1,994,831; Mar. 19.
- Gas compressor. H. H. Carpenter. 1,994,450; Mar. 12.
- Gas compressor. H. D. Pownall and G. L. Pownall. 2,014,950; Sept. 17.
- Gas concentration indicator. C. A. Styer. 1,997,659; Apr. 16.
- Gas condensing and separating system. A. H. Baer. 2,018,594; Oct. 22.
- Gas control mechanism. F. S. Summer. 1,993,077; Mar. 5.
- Gas control system. F. H. Cornelius. 1,992,355; Feb. 26.
- Gas converter and cleaner of the liquid contact type. J. F. F. W., and G. A. Teckemeyer. 2,011,598; Aug. 20.
- Gas cutting apparatus, Combination hand and machine. H. Näss. 2,018,378; Oct. 22.
- Gas cylinder apparatus, Vehicular. E. L. Ragonnet. 2,011,347; Aug. 13.
- Gas density meter. J. Brandl. 2,001,865; May 21.
- Gas detector. F. L. Stone. 1,995,870; Mar. 26.
- Gas discharge tube. E. S. Woolrich. 2,020,393; Nov. 12.
- Gas discharge tube, Luminous. L. H. Soundy. 1,993,811; Mar. 12.
- Gas disposal apparatus. R. Kenna and M. G. Hallgren. 2,016,549; Oct. 8.
- Gas distribution in inlet manifolds for internal combustion engines. J. A. H. Barkeil. 2,012,902; Aug. 27.
- Gas distribution systems, Prevention of gum formation in. W. H. Fulweiler. 1,986,333; Jan. 1.
- Gas filled discharge tube. G. Holst. 1,991,279; Feb. 12.
- Gas filled discharge tube. J. G. W. Mulder and H. L. van der Horst. 2,011,904; Aug. 20.
- Gas filled lamp, Electric rare. J. M. E. de Beaufort and A. Lederer. 2,018,347; Oct. 22.
- Gas filled tube. H. J. Spanner. 1,995,018; Mar. 19.
- Gas filtering device. R. R. Halstead. 2,012,508; Aug. 27.
- Gas fired boiler. R. Walker and J. J. Wolfersperger. 1,993,725; Mar. 5.
- Gas fired furnace. S. Stanworth, J. H. Clegg, and J. Stanworth. 1,996,660; Apr. 2.
- Gas flow through pipes, Stopping. I. H. Witt. 2,002,383; May 21.
- Gas from liquid, Apparatus for producing dry. M. R. Murray. 1,991,568; Feb. 19.
- Gas fuel feed device. D. W. Davisson, F. G. Welke, and A. C. Maynard. 2,004,403; June 11.
- Gas-generating compositions, Stable. W. R. Cousins. 2,008,489; July 16.
- Gas generating process. J. E. Tone. 2,025,364; Dec. 24.
- Gas, Generation of toxic. P. L. Magill, J. W. Dunning, and I. L. Ressler. 2,015,406; Sept. 24.
- Gas generator, Acetylene. E. Dautel. 1,986,254; Jan. 1.
- Gas generator, Electrolytic. M. Y. Eck. 1,994,125; Mar. 12.
- Gas generator for fumigation purpose. T. Forsberg. 2,003,745; June 4.
- Gas heated appliance. G. Hegwein, C. Steinhardt, and F. W. Stockmeyer. 2,010,762; Aug. 6.
- Gas heater valve. C. A. Pearson. 2,011,824; Aug. 20.
- Gas heater valve. C. A. Pearson. 2,016,577; Oct. 8.
- Gas in a highly concentrated form from mixed gas containing sulphur dioxide, Recovering sulphur dioxide. F. E. Lee, R. Lepsoe, and F. H. Chapman. 2,021,558; Nov. 19.
- Gas into storage bins carrying more or less fine materials, Device for blowing fire-extinguishing. M. Betzler. 2,006,258; June 25.
- Gas, Lachrymatory. K. A. Kobe. 1,993,610; Mar. 5.
- Gas lift for oil wells. A. S. Parks. 2,017,353; Oct. 15.
- Gas lighting device, Incandescent. P. J. Kayatt. 2,012,170; Aug. 20.
- Gas, Low gravity carbureted water. J. A. Perry and E. L. Hall. 1,995,897; Mar. 26.
- Gas, Making combustible. W. W. Odell. 2,025,071; Dec. 24.
- Gas making process, Continuous. C. B. Hillhouse. 2,007,860; July 9.
- Gas, Making water. C. B. Hillhouse. 2,010,634; Aug. 6.
- Gas manufacture. O. H. Blackwood. 1,993,315; Mar. 5.
- Gas, Manufacture of enriched water. A. R. Griggs. 2,011,277; Aug. 13.
- Gas, Manufacturing of SO₂. I. Hechenbleikner. 2,021,725; Nov. 19.
- Gas material, Method and apparatus for transferring. W. F. Mesinger. 2,018,144; Oct. 22.
- Gas meter. J. R. Armstrong. 1,992,280; Feb. 26.
- Gas meter. C. G. Bruemmer. 1,990,930; Feb. 12.
- Gas meter. J. C. Diehl. 2,005,024; June 18.
- Gas meter casing. W. Holm. 2,006,677; July 2.
- Gas, Method and apparatus for supplying. G. D. Peet. 1,998,250; Apr. 16.
- Gas mixer. S. P. Jones. 2,000,901; May 14.
- Gas mixer. G. Lucich. 2,018,561; Oct. 22.
- Gas mixer. C. W. Philip. 1,986,159; Jan. 1.
- Gas mixer and vaporizer. W. E. Hutchison. 2,022,510; Nov. 26.
- Gas mixing apparatus. J. K. Heller. 2,023,809; Dec. 10.
- Gas mixing apparatus. C. A. Kutcher. 2,012,570; Aug. 27.
- Gas mixing control system. E. X. Schmidt and M. R. Brice. 1,999,740; Apr. 30.
- Gas mixing device. W. H. Church, C. B. Kidney, P. Hoffman, and W. E. Trumpler. 2,010,507; Aug. 6.
- Gas mixture, Device for controlling specific gravity of a. W. A. Darrah. 1,994,755; Mar. 19.
- Gas mixtures, Apparatus for separating low boiling. M. Fränkl. 1,989,190; Jan. 29.
- Gas mixtures, Resolution of. M. Fränkl. 2,002,940; May 28.
- Gas mixtures, Separating. M. Fränkl. 2,002,941; May 28.
- Gas or town gas into ammonia and methyl alcohol, Integral transformation of coke oven. R. Blondelle. 2,014,757; Sept. 17.
- Gas or vapor discharge tube. W. Ende. 2,008,066; July 16.
- Gas or vapor, Method of and apparatus for conditioning. C. E. Lucke. 2,001,259; May 14.
- Gas outlet for use in prisons and other places. R. L. Clark. 1,995,962; Mar. 26.
- Gas plant, Water. N. E. Rambush and J. M. Ballingall. 2,009,786; July 30.
- Gas pressure in closed systems, Generation and maintenance of constant. K. Wiesler. 2,002,621; May 28.
- Gas pressure regulator. E. Zahm. 2,020,492; Nov. 12.
- Gas pressures, flows, and the like, Remote indication of. G. B. Linderman, Jr. 2,024,378; Dec. 17.
- Gas price sign. E. E. Johnston. 2,003,542; June 4.
- Gas process. T. Nagel. 1,996,167; Apr. 2.
- Gas, Process and apparatus for dispensing measured quantities of liquefied. W. H. Kniskern. 2,007,251; July 9.
- Gas producing apparatus. R. Falconer and E. Collignon. 2,021,055; Nov. 12.
- Gas producing apparatus. E. W. White, Sr. 2,009,155; July 23.
- Gas producing apparatus of the liquid contact type. J. F. F. W., and G. A. Teckemeyer. 2,016,184; Oct. 1.

- Gas, Producing fuel. T. Nagel. 2,002,863; May 28.
 Gas pumping system. M. P. De Motte. 1,991,548; Feb. 19.
 Gas purger for refrigerating systems. C. C. Thompson. 1,990,846; Feb. 12.
 Gas purifier, Exhaust. C. Tietig. 2,005,249; June 18.
 Gas purifier for vehicles, Exhaust. J. Grison. 2,004,865; June 11.
 Gas, Purifying. T. S. Bacon. 2,019,468; Oct. 29.
 Gas purifying mass. F. Giller and L. Friederici. 2,008,953; July 23.
 Gas reactions, Apparatus for effecting. B. S. Lacy and H. A. Bond. 1,986,348; Jan. 1.
 Gas reactions, Carrying through. N. Caro, A. R. Frank, R. Wendlandt and T. Fischer. 2,018,249; Oct. 22.
 Gas regulator. G. M. Deming. 2,002,884; May 28.
 Gas scrubber. C. H. Rich and K. K. Nahigyan. 2,011,828; Aug. 20.
 Gas scrubber system. A. W. Anthony, Jr. 1,986,913; Jan. 8.
 Gas separating apparatus. U. S. Johnson. 1,999,460; Apr. 30.
 Gas set, Two shell water. J. A. Perry and E. L. Hall. 1,995,898; Mar. 26.
 Gas shut-off for hot water systems. L. D. Lovekin and J. L. Le Gorre. 2,023,276; Dec. 3.
 Gas solidifying apparatus. H. W. Cole and M. W. McLaren. 2,025,695; Dec. 24.
 Gas switch. G. Hegwein, F. W. Stockmeyer, C. Steinhart, W. Römmlert, A. Schmid, and O. Würst. 2,009,193; July 23.
 Gas tank. J. J. Hildenbrand. 2,001,610; May 14.
 Gas tank cap lock. H. Rekonty. 1,987,540; Jan. 8.
 Gas tank cap lock. L. Rydell. 2,019,237; Oct. 29.
 Gas tank cover, Siphon and theftproof. J. A. Roberts. 1,994,421; Mar. 12.
 Gas temperatures, Apparatus for measuring. C. E. Lucke. 2,006,469; July 2.
 Gas testing. M. G. Jacobson. 2,010,995; Aug. 13.
 Gas-time meter. F. E. Wood. 2,000,655; May 7.
 Gas transporting apparatus, Liquefied. P. S. Endacott. 1,994,338; Mar. 12.
 Gas treating apparatus. H. E. Delvin. 1,998,224; Apr. 16.
 Gas treating apparatus. C. B. Grady. 2,004,108; June 11.
 Gas treating apparatus. C. B. Grady. 2,013,270; Sept. 3.
 Gas treatment. C. B. Clark. 1,995,293; Mar. 26.
 Gas using heavy oil, Manufacture of carbureted water. E. L. Hall. 1,995,921; Mar. 26.
 Gas. Utilization of high pressure. R. D. Booth. 2,002,565; May 28.
 Gas valve, Thermostatically controlled. J. H. Grayson. 1,994,470; Mar. 19.
 Gas washer. J. L. Mauthe and E. G. Price. 1,986,736; Jan. 1.
 Gaseous conduction lamp. T. P. Kouvalis. 2,024,529; Dec. 17.
 Gaseous conduction lamp, High frequency. S. C. Whitman. 2,003,410; June 4.
 Gaseous contents of switch tubes, Changing. J. H. Staley. 2,014,597; Sept. 17.
 Gaseous development of light-sensitive material, especially of diazo-type by means of ammonia gas, Apparatus for. W. Kürten. 2,009,962; July 30.
 Gaseous discharge apparatus. O. T. McIlvaine. 2,016,172; Oct. 1.
 Gaseous discharge converter. U. Lamm. 2,006,053; June 25.
 Gaseous discharge converter with control grids. U. Lamm. 2,024,172; Dec. 17.
 Gaseous discharge device, Electric. A. Claude. 1,987,845; Jan. 15.
 Gaseous discharge device, Electric. A. Fehse and H. Krefft. 2,009,226; July 23.
 Gaseous discharge device, Electric. T. E. Foulke. 2,020,723; Nov. 12.
 Gaseous electric discharge device. R. L. Delas. 1,990,169; Feb. 5.
 Gaseous electric discharge device. H. Ewest and G. Gaidies. 1,990,171; Feb. 5.
 Gaseous electric discharge device. T. E. Foulke. 1,990,175; Feb. 5.
 Gaseous electric discharge device. T. E. Foulke. 2,020,722; Nov. 12.
 Gaseous electric discharge device. H. Friedrichsen. 1,990,177; Feb. 5.
 Gaseous electric discharge device. G. Gaidies. 1,990,180; Feb. 5.
 Gaseous electric discharge device. G. Gaidies. 2,020,726; Nov. 12.
 Gaseous electric discharge device. G. Gaidies and M. Reger. 2,020,727; Nov. 12.
 Gaseous electric discharge device. H. A. W. Klinkhamer, A. de Bruin, and F. H. A. van Steklenburg. 1,990,190; Feb. 5.
 Gaseous electric discharge device. M. Pirani and M. Reger. 2,020,736; Nov. 12.
 Gaseous electric discharge device. S. Tachibana. 1,990,146-7; Feb. 5.
 Gaseous electric discharge device, Method and apparatus for starting and operating a. L. J. Buttolph. 2,001,518; May 14.
 Gaseous electric discharge devices, Method and apparatus for operating. W. J. Winninghoff. 1,990,152; Feb. 5.
 Gaseous mixtures, Apparatus for the production of. R. W. Thomas. 2,021,271; Nov. 19.
 Gaseous mixtures containing hydrogen, Production of. O. Eisenhut. 2,000,224; May 7.
 Gaseous mixtures into their constituents, Separating. I. H. Levin. 1,996,519; Apr. 2.
 Gaseous mixtures, Method and apparatus for measurement and control of. W. A. Douglass and H. La B. Jones. 2,013,727; Sept. 10.
 Gaseous mixtures, Process and apparatus for the resolution of. M. Fränkl. 2,017,240; Oct. 15.
 Gaseous mixtures, Purification and separation of. M. Shoeld. 2,002,357; May 21.
 Gaseous mixtures, Separation of constituents of. J. L. Schlitt. 2,000,992; May 14.
 Gaseous streams, Device for conveying. N. Galliot. 2,017,043; Oct. 15.
 Gases, Absorption of. E. G. Ragatz. 1,987,267; Jan. 8.
 Gases and other hydrocarbon materials into motor fuels, etc., Conversion of. R. E. Burk. 1,991,593; Feb. 19.
 Gases and similar media, Producing a helical flow of due. A. Kuhlmann. 2,020,194; Nov. 5.
 Gases and solids, Mixing. P. Pestalozza. 1,992,090; Feb. 19.
 Gases, Apparatus for cleaning. R. R. Harmon. 2,007,759; July 9.
 Gases, Apparatus for handling liquefied. R. W. Thomas and F. J. Harlow. 2,012,361; Aug. 27.
 Gases, Apparatus for the production of hot reducing. C. G. Maier. 2,022,778; Dec. 3.
 Gases, Apparatus for treating exhaust. M. H. Wolff. 1,986,659; Jan. 1.
 Gases by decomposition of aqueous electrolytes, Production of. A. Kilgus. 2,016,442; Oct. 8.
 Gases, Compression of corrosive. R. L. Hasche. 2,017,408; Oct. 15.
 Gases containing oxides or sulphur, Cooling hot. G. A. Berry. 2,019,245; Oct. 29.
 Gases, Conversion of hydrocarbon. R. F. Ruthruff. 2,009,277; July 23.
 Gases, Cooling. S. L. Handforth. 2,019,533; Nov. 5.
 Gases, Cracking normally incompressible hydrocarbon. G. Egloff. 1,993,503; Mar. 5.
 Gases derived from roasting, Purification of. C. Hahn. 2,013,753; Sept. 10.
 Gases, Desulphurating coal distillation. H. Broche. 2,007,741; July 9.
 Gases flowing through shafts, Arrangement for heating. L. Högel. 1,997,776; Apr. 16.
 Gases for synthesis, Production of. E. T. Olson. 2,012,477; Aug. 27.
 Gases from decomposition of acid sludge, Purification of. W. C. Mast. 2,021,372; Nov. 19.
 Gases from internal combustion engines, Apparatus for drawing off compressed. A. Anderberg and E. A. Anderberg. 1,999,269; Apr. 30.
 Gases from porous materials, Removing. A. ten Bosch, Njzn. 2,012,374; Aug. 27.
 Gases from sulphur compounds, Freeing. W. Sexauer. 2,024,393; Dec. 17.
 Gases, Means for detecting and controlling. F. A. Holt. 1,993,665; Mar. 5.
 Gases, Method of and apparatus for treating exhaust. J. S. Kaufman. 2,021,690; Nov. 19.
 Gases or vapors, Method and device for distributing. D. B. Williams. 2,008,235; July 16.
 Gases, Polymerization of. R. F. Ruthruff. 2,017,325; Oct. 15.
 Gases, Polymerization of hydrocarbon. G. Egloff. 1,988,112; Jan. 15.
 Gases, Polymerizing hydrocarbon. W. B. Plummer. 1,991,353; Feb. 12.
 Gases, Process of and apparatus for transferring liquefied. H. LaGarde. 1,998,629; Apr. 23.
 Gases, Purification of. H. R. Fife. 1,989,004; Jan. 22.
 Gases, Purification of. J. G. Melendy. 2,013,313; Sept. 3.
 Gases, Reforming. G. A. Davis. 1,992,909; Feb. 26.
 Gases, Transfer of liquefied. W. Salmikoff. 2,001,353; May 14.
 Gases, Treating. G. H. Horne and M. A. Lissman. 1,990,943; Feb. 12.
 Gases, Washing. F. F. Pease. 1,992,762; Feb. 26.
 Gasket. C. B. Bailey. 2,006,381; July 2.
 Gasket. G. T. Balfe. 2,011,563; Aug. 20.
 Gasket. L. H. Darbyshire. 1,995,379; Mar. 26.
 Gasket and packing material from which it may be made. R. M. Waples. 2,019,031; Oct. 29.
 Gasket construction. F. W. Dempsey. 1,986,465; Jan. 1.
 Gasket for pipe joints. H. F. Johnson. 1,994,361; Mar. 12.
 Gasket, Laminated composition. J. H. Victor, W. A. Heinze, and J. B. Victor. 2,021,571; Nov. 19.
 Gasket, Piston seal. E. E. Hewitt. 2,024,989; Dec. 17.
 Gasket, Refrigerator. L. H. Darbyshire. 2,023,917; Dec. 10.
 Gasket, Skeleton metal-backed. J. H. Victor. 2,001,225; May 14.
 Gasket strip, Glass. C. H. Walker. 1,986,694; Jan. 1.
 Gaskets, Forming metal fortified packer. J. R. McWane. 2,002,122; May 21.
 Gasoline, Coloring leaded. J. W. Orelup. 1,987,309; Jan. 8.
 Gasoline dispensing device. W. A. Williams. 2,025,628; Dec. 24.
 Gasoline engine. C. R. Pitre. 2,011,591; Aug. 20.

- Gasoline from natural gas, Recovery of stable. E. R. Cox. 2,002,340; May 21.
- Gasoline produced by cracking, Refining. C. R. Payne and D. R. Stevens. 2,002,250; May 21.
- Gasoline, Producing a colorless doctor sweet. M. J. Welsh. 2,013,083; Sept. 3.
- Gasoline pump. W. H. Curtis. 1,997,294; Apr. 9.
- Gasoline, Refining cracked. J. C. Black. 2,025,409; Dec. 24.
- Gasoline, Stabilization of. J. K. Roberts and G. W. Watts. 2,013,992; Sept. 10.
- Gasoline vapor and air mixing device. W. S. Alvey and J. M. Mikkelsen. 2,004,919; June 18.
- Gate: *See*—
- Automatic gate. Mixing drum gate.
 - Automatic starting gate. Projector film gate.
 - Crossing gate. Railway crossing gate.
 - Detachable gate. Sluice gate.
 - Elevator gate. Sound gate.
 - Elevator safety gate. Traveling chain gate.
 - End gate. Vehicle actuated gate.
 - Film gate. Water gate.
 - Flood water gate.
- Gate. H. N. Burns. 2,007,071; July 2.
- Gate. E. L. Harrington. 2,013,306; Sept. 3.
- Gate. H. Skreberg. 1,997,951; Apr. 16.
- Gate and lens structure for moving picture film. E. Boecking. 2,022,366; Nov. 26.
- Gate closer. N. S. Harter. 2,025,238; Dec. 24.
- Gate construction for motion picture machines. O. Wittel. 1,997,328; Apr. 9.
- Gate control for vehicle dump bodies. H. H. Linn. 2,023,330; Dec. 3.
- Gate for concrete transportation systems, Discharge. C. I. Longenecker. 2,021,108; Nov. 12.
- Gate hanger. F. T. Ulm. 1,986,948; Jan. 8.
- Gate hinge. C. Foltz. 2,006,267; June 25.
- Gate hinge. F. E. Spencer. 2,010,468; Aug. 6.
- Gate lock, Automatic tail. T. M. E. Yeager. 2,009,466; July 30.
- Gate mechanism. K. Clark. 2,017,202; Oct. 15.
- Gate valve. F. Cuttle. 2,001,094; May 14.
- Gate valve. M. P. Laurent. 2,002,780; May 28.
- Gate valve. W. McCausland and C. W. Stephen. 2,006,715; July 2.
- Gate valve. W. G. E. Smith. 2,001,271; May 14.
- Gate valve. W. G. Wilson. 1,991,006; Feb. 12.
- Gate valve supervisory device. E. A. Lowe and J. R. Hamilton. 1,990,339; Feb. 5.
- Gate with fixed stalls, Portable starting. A. T. J. Bahr. 1,992,802; Feb. 26.
- Gates, Operating means for. R. E. Lashley. 1,995,931; Mar. 26.
- Gates, System for operating crossing. J. H. Staley. 1,993,533; Mar. 5.
- Gathering and stitching machine. D. and O. J. Reiser. 2,017,512; Oct. 15.
- Gathering device. R. Belford. 1,993,314; Mar. 5.
- Gathering machine. P. E. Kleinberg. 2,020,321; Nov. 12.
- Gathering table. C. L. Taylor. 2,016,524; Oct. 8.
- Gauge: *See*—
- Adjustable gauge. Mercurial pressure gauge.
 - Adjustable sausage gauge. Micrometer key gauge.
 - Battery gauge. Miter gauge.
 - Bookbinder's case gauge. Paper hanger's gauge.
 - Brake adjusting gauge. Pneumatic pressure gauge.
 - Brake and drum gauge. Precision channel gauge.
 - Brake shoe gauge. Precision gauge.
 - Butt gauge. Pressure gauge.
 - Centering gauge. Profile gauge.
 - Chassis checking gauge. Recording micrometer gauge.
 - Checking gauge. Rule gauge.
 - Clamp and length gauge. Screw thread gauge.
 - Cutter line gauge. Shingle gauge.
 - Cylinder gauge. Spark plug gap gauge.
 - Dial plug gauge. Square shear gauge.
 - Dimension gauge. Steering arm gauge.
 - Drill point gauge. Stone cutter gauge.
 - Feeler gauge. Storage tank gauge.
 - Electric gauge. Straight edge gauge.
 - Electrical gauge. Strain gauge.
 - Fluid pressure gauge. Tank float gauge.
 - Fluid pressure test gauge. Test gauge.
 - Golfer's stance gauge. Thickness gauge.
 - Hose coupling gauge. Tire gauge.
 - Internal caliper gauge. Tool setting gauge.
 - Internal gauge. Valve seat gauge.
 - Kingpin angle gauge. Wheel aligning gauge.
 - King pin gauge.
 - Liquid level gauge.
- Gauge. J. H. M. Awrey. 1,999,073; Apr. 23.
- Gauge. N. K. Engst. 2,016,420; Oct. 8.
- Gauge. W. F. Flesselles. 2,007,329; July 9.
- Gauge. H. Hallam. 2,022,765; Dec. 3.
- Gauge. J. H. Hardy. 2,003,439; June 4.
- Gauge. F. P. Heid. 2,003,188; May 28.
- Gauge. H. M. Johnston. 1,986,729; Jan. 1.
- Gauge. P. E. Klopsteg. 1,993,063; Mar. 5.
- Gauge. F. W. Peisch. 2,000,535; May 7.
- Gauge. P. S. Russel and A. von Wangenheim. 1,997,917; Apr. 16.
- Gauge. A. W. Schoof. 2,018,384; Oct. 22.
- Gauge and system, Liquid. E. L. Hubbard. 2,012,511; Aug. 27.
- Gauge attachment, Pressure. C. H. Fox. 1,987,929; Jan. 15.
- Gauge can or receptacle. H. A. Dohrmann. 1,989,167; Jan. 29.
- Gauge construction, Hydraulic. J. W. Place. 1,986,068; Jan. 1.
- Gauge control and means therefor, Automatic. P. S. Arnold. 2,000,057; May 7.
- Gauge for fuel pump rocker arms. E. Saballus. 2,003,556; June 4.
- Gauge for looms, Starting and reset. B. O. Bagley. 1,987,138; Jan. 8.
- Gauge for ornamenting dies. R. V. Woodworth. 2,014,603; Sept. 17.
- Gauge for setting circular chasers. A. F. Breitenstein. 2,010,215; Aug. 6.
- Gauge for storage batteries. G. A. De Boer. 1,995,883; Mar. 26.
- Gauge for striping instruments. T. C. Warner. 2,021,275; Nov. 19.
- Gauge glass. B. Hatchel. 1,992,425; Feb. 26.
- Gauge plate construction. J. Folk. 2,004,603; June 11.
- Gauge-plate for the measurement of dimensions of bodies bounded by parallel surfaces, Supporting. K. Büttner. 2,026,374; Dec. 31.
- Gauge stock, Method and apparatus for rolling uniform. A. J. Townsend and E. S. Miller. 2,003,160; May 28.
- Gauge stop mechanism, Back. F. W. Seybold. 2,005,830; June 25.
- Gauging apparatus. C. F. Dreyer. 2,011,931; Aug. 20.
- Gauging apparatus. N. K. Engst and A. W. Schoof. 2,018,399; Oct. 22.
- Gauging apparatus. A. P. Steckel and H. S. Lamb. 2,019,741; Nov. 5.
- Gauging device for car tanks. J. M. Knight. 2,014,739; Sept. 17.
- Gauging means. E. D. Flood. 2,012,601; Aug. 27.
- Gauging tool. F. W. Edwards. 2,018,777; Oct. 29.
- Gear: *See*—
- Aircraft landing gear. Locomotive running gear.
 - Amphibian landing gear. Oil-cataract-control gear.
 - Automatic continuously variable gear. Oleo gear.
 - Automatic reduction gear. Power reverse gear.
 - Balanced draft gear. Power steering gear.
 - Change speed gear. Receptacle landing gear.
 - Differential registering gear. Retractable landing gear.
 - Draft and buffer gear. Reverse gear.
 - Draft gear. Roller plant gear.
 - Draw and buffer gear. Semi-automatic gear.
 - Electrical switch gear. Speed gear.
 - Engine valve gear. Steering gear.
 - Fiber gear. Switch gear.
 - Friction draft gear. Transmission gear.
 - Friction gear. Valve gear.
 - Hydrodynamic gear. Vehicle running gear.
 - Landing gear. Vehicle speed gear.
 - Winding gear.
- Gear and reduction unit, Worm. G. H. Acker. 1,995,288; Mar. 26.
- Gear attachment for machines, Change. C. Bouillon. 2,009,726; July 30.
- Gear case cleaner, Portable. J. K. Delano. 2,001,302; May 14.
- Gear casing. G. More. 1,997,068; Apr. 9.
- Gear casing cleaning apparatus. A. L. Wertz. 1,987,649; Jan. 15.
- Gear connecting rod, Compound. C. W. Huffman. 2,008,958; July 23.
- Gear construction, Limited travel draft. H. L. Spence. 1,986,380; Jan. 1.
- Gear control device for motor vehicles, especially motor-cars, Fluid pressure change-speed. C. Penati. 1,993,247; Mar. 5.
- Gear control mechanism, Freewheeling and positive. F. Ingemarson. 1,989,361; Jan. 29.
- Gear cutter. E. Wildhaber. 2,024,494; Dec. 17.
- Gear cutters, Method of and machine for relieving. A. C. Heard. 2,001,021; May 14.
- Gear cutting machine. S. W. Avis. 2,025,034-35; Dec. 24.
- Gear cutting machine. H. E. Kitchen. 1,996,380; Apr. 2.
- Gear damper for engine drive transmission systems. A. H. Neuland. 2,002,828; May 28.
- Gear, Device for changing. J. M. C. Semery. 2,013,586; Sept. 3.
- Gear drive. A. Kuhns and P. A. Manger. 2,014,138; Sept. 10.
- Gear drive and indicating means therefor. K. F. Gallimore. 1,991,349; Feb. 12.
- Gear finishing machine. E. W. Miller. 1,990,239; Feb. 5.
- Gear for aeroplanes, Retractable landing. R. L. Lévy. 2,001,620; May 14.
- Gear for aircraft, Landing. A. P. de Seversky. 2,007,752; July 9.
- Gear for airplanes, Retractable landing. V. J. Burnelli. 1,987,049; Jan. 8.
- Gear for artificial silk bobbin-spinning machines, Driving. W. Zinselmeyer. 1,988,067; Jan. 15.
- Gear for automotive vehicles, Differential. T. L. Adams. 2,017,577; Oct. 15.
- Gear for bicycles, Change speed. F. Winkler. 2,010,248; Aug. 6.
- Gear for color printing machines, Fitting. J. W. Vedder. 2,015,770; Oct. 1.

- Gear for electrically driven vehicles, Control. F. A. Garrett. 2,016,987; Oct. 1.
- Gear for flying machines, Reversing. L. Bongiovanni. 1,995,467; Mar. 26.
- Gear for mining machines, Haulage. M. S. Moore. 2,005,523; June 18.
- Gear for railway vehicles, Draft. H. Egen. 1,997,170; Apr. 9.
- Gear for the reduction ratio with automatic variation, Reduction. C. Fontana. 1,993,476; Mar. 5.
- Gear for vehicles, Running. E. H. Remde. 1,991,577; Feb. 19.
- Gear for vehicles, Steering. F. G. Matravars. 2,008,217; July 16.
- Gear interlock, Back. E. Sobolewski. 1,987,978; Jan. 15.
- Gear mechanism, Change. M. Junge. 2,009,371; July 23.
- Gear mechanism for motor vehicles, Change speed. M. Wagner. 2,001,082; May 14.
- Gear mechanism, Reduction. M. B. Benson. 1,998,891; Apr. 23.
- Gear mechanism, Reverse. T. A. Buckles. 2,009,191; July 23.
- Gear of motor road vehicles, Steering. J. G. Douglas. 2,023,670; Dec. 10.
- Gear operating means, Retractable landing. C. E. Hathorn. 2,021,307; Nov. 19.
- Gear puller. J. F. Gunderson. 1,987,008; Jan. 8.
- Gear ratio drive mechanism for motor vehicles, Selective. G. P. Kitchen. 1,995,988; Mar. 26.
- Gear ratio transmission, Variable. P. Leoni. 2,008,869; July 23.
- Gear reduction unit. A. V. D. Willgoos. 1,999,267; Apr. 30.
- Gear selecting and shifting mechanism. W. E. Twamley. 1,997,841; Apr. 16.
- Gear set operating mechanism, Speed change. F. Girardi. 1,992,419; Feb. 26.
- Gear shaping tool. E. W. Miller. 2,024,380; Dec. 17.
- Gear shift, Automatic. M. O. Maedel. 1,992,957; Mar. 5.
- Gear shift, Automatic vacuum. H. P. Birkemeler. 1,997,448; Apr. 9.
- Gear shift knob, Vanity. G. G. McDonald. 1,993,938; Mar. 12.
- Gear shift lever switch. R. R. Sucky, E. F. McGonigal, and E. Bargar. 2,005,483; June 18.
- Gear shift lock. W. Hemingway, Jr. 2,024,641; Dec. 17.
- Gear shift mechanism. T. C. Van Degriift. 2,003,794; June 4.
- Gear shift mechanism and engine mounting. R. S. Trott. 2,026,445; Dec. 31.
- Gear shift mechanism, Automatic. F. E. Woodward. 2,025,430; Dec. 24.
- Gear shifter, Automatic. M. A. Lacey. 2,013,388; Sept. 3.
- Gear shifter for automobile transmissions, Automatic. A. Lazzarini. 2,015,116; Sept. 24.
- Gear shifter lock. K. R. Manville. 1,998,513; Apr. 23.
- Gear shifting device. E. J. Thurber. 2,017,776; Oct. 15.
- Gear shifting mechanism. O. E. Mark. 2,016,015; Oct. 1.
- Gear shifting mechanism. A. O. McCollum. 2,014,195; Sept. 10.
- Gear shifting mechanism. R. S. Sanford and R. P. Breese. 1,994,835; Mar. 19.
- Gear shifting mechanism. E. J. Thurber. 2,017,777; Oct. 15.
- Gear shifting mechanism, Automatic. A. J. and J. E. Hantschel. 1,990,690; Feb. 12.
- Gear shifting mechanism, Hydraulic. W. G. Hoelscher, G. E. Hieber, and A. E. Robinson. 2,012,084; Aug. 20.
- Gear shifting system, Hydraulic. G. E. Hieber and W. G. Hoelscher. 2,012,082; Aug. 20.
- Gear silencer, Timing. L. B. Huthsing. 2,016,745; Oct. 8.
- Gear, Steering. E. W. Miller. 2,002,746; May 28.
- Gear train for moving picture projectors. A. J. Holman. 2,008,714; July 23.
- Gear train release. W. H. Gille. 2,021,413; Nov. 19.
- Gear type coupling. O. A. Banner. 2,022,703; Dec. 3.
- Gear unit, Reverse. P. D. Harvey. 2,023,585; Dec. 10.
- Gear wheel blanks and the like, Manufacturing non-metallic. C. W. Mansur. 1,998,964; Apr. 23.
- Gear wheel, Nonmetallic beveled. G. O. Small. 1,986,608; Jan. 1.
- Gear wheel teeth, Economizing the contours of. J. W. Snarry. 2,013,365; Sept. 3.
- Gear wheels, Examining. A. Rinderknecht. 2,014,668; Sept. 17.
- Gearred control mechanism. W. H. Gille and G. D. Bower. 2,019,671; Nov. 5.
- Geared electric motor. W. P. Schmitter and R. Wiken. 1,988,338; Jan. 15.
- Gearing. R. Bishop. 1,995,239; Mar. 19.
- Gearing. C. C. Davis. 2,009,915; July 30.
- Gearing. O. Solterbeck. 1,990,144; Feb. 5.
- Gearing, Adjustable worm. W. M. Pohl. 2,002,644; May 28.
- Gearing, Automatic automotive transmission. F. W. Cotterman. 1,988,440; Jan. 22.
- Gearing, Automatic transmission. F. W. Cotterman. 2,018,488; Oct. 22.
- Gearing, Change speed. A. C. Clayton. 1,986,045; Jan. 1.
- Gearing, Change speed. H. Molly. 2,019,923; Nov. 5.
- Gearing, Change speed. J. Sirmay. 1,986,295; Jan. 1.
- Gearing, Change speed. R. W. Whittle and E. Twemlow. 2,005,514; June 18.
- Gearing, Controlling variable speed. E. F. Puls. 1,993,856; Mar. 12.
- Gearing device for bicycles and the like. O. A. Hjelm. 2,006,165; June 25.
- Gearing, Differential. H. C. Ford. 1,987,674; Jan. 15.
- Gearing for ensilage distributors. W. E. McIntire. 2,010,312; Aug. 6.
- Gearing for variable pitch propellers, Adjusting. H. Ebert. 1,999,091; Apr. 23.
- Gearing, Friction. J. O. Almen, J. Ehrlich and W. D. Gove. 2,014,920; Sept. 17.
- Gearing, Frictional epicyclic. C. Dell and H. L. Read. 1,993,051; Mar. 5.
- Gearing (high reverse gear), Transmission. C. D. Peterson. 1,999,615; Apr. 30.
- Gearing in housing, Apparatus for use in assembling. J. E. Padgett. 1,996,169; Apr. 2.
- Gearing means. S. S. Cramer. 2,016,854; Oct. 8.
- Gearing particularly for use with hydraulic couplings, Variable speed. H. Sinclair. 2,011,734; Aug. 20.
- Gearing, Power transmission. J. Bethune. 1,989,663; Feb. 5.
- Gearing, Reversing. A. C. Gridley. 2,006,500; July 2.
- Gearing, Starter. M. P. Whitney. 2,015,131; Sept. 24.
- Gearing, Transmission. H. W. Bullock. 1,986,041; Jan. 1.
- Gearing, Transmission. G. W. Curtis. 1,989,271; Jan. 29.
- Gearing, Variable. C. K. Schwartz. 2,024,115; Dec. 10.
- Gearing, Variable speed friction. J. H. Robertson, J. Robertson, Jr., L. Gutteridge, and L. H. Howard. 1,990,614; Feb. 12.
- Gears, Apparatus for recutting helicoidal. W. F. Zimmermann. 2,008,740; July 23.
- Gears, Cutting of spiral bevel. J. J. Guest and H. H. Wheatley. 1,990,432; Feb. 5.
- Gears, Finishing. R. S. Drummond. 1,989,651; Jan. 29.
- Gears, Finishing internal. R. S. Drummond. 1,989,652; Jan. 29.
- Gears, Grinding. A. L. Stewart. 1,993,120; Mar. 5.
- Gears, Lapping. R. S. Drummond. 1,989,650; Jan. 29.
- Gears, Method and apparatus for cutting. B. E. Shlesinger. 2,006,750; July 2.
- Gears, Testing draft. A. E. Dentler. 2,011,711; Aug. 20.
- Gel and method of producing, Nitrocellulose. F. K. Shankweiler and W. E. Gloor. 2,001,070; May 14.
- Gelatin, Compressed foam. S. E. Sheppard and J. H. Hudson. 2,000,042; May 7.
- Gelatin dessert forming machine. C. T. Walter and J. Bech. 2,008,428; July 16.
- Gelatin food product and preparing same. W. E. Stokes and D. F. Silver. 1,993,289; Mar. 5.
- Gelatin, Increasing the viscosity of. J. Bowman and V. L. Harnack. 2,020,234; Nov. 5.
- Gelatin pad for duplicators. A. Marchev. 1,996,582; Apr. 2.
- Gelatin product and making same. C. H. Epstein and N. R. Gotthoffer. 2,024,683; Dec. 17.
- Generating set, Emergency. J. P. Bryan. 2,014,101; Sept. 10.
- Generator: See—
- Acetylene generator.
 - Arc welding generator.
 - Conjugate curve generator.
 - Controlling generator.
 - Crystal controlled generator.
 - Current generator.
 - Direct current generator.
 - Elastic fluid generator.
 - Electric generator.
 - Electric welding generator.
 - Electrical generator.
 - Electrical oscillation generator.
 - Electrostatic generator.
 - External and self cooled generator.
 - Gas generator.
 - Heat generator.
 - High frequency generator.
 - High voltage generator.
 - Homopolar generator.
 - Impulse generator.
 - Low voltage generator.
 - Magneto generator.
 - Oil-gas fuel generator.
 - Oil gas generator.
 - Oscillation generator.
 - Ozone generator.
 - Short wave oscillation generator.
 - Signal generator.
 - Sound generator.
 - Steam generator.
 - Thermionic generator.
 - Tube generator.
- Generator. J. E. Carlson. 2,015,883; Oct. 1.
- Generator. W. Kautter. 2,014,136; Sept. 10.
- Generator. R. Kranz. 2,016,474; Dec. 31.
- Generator. B. M. Leece. 2,015,600; Sept. 24.
- Generator. F. W. Temple. 2,020,591; Nov. 12.
- Generator and amplifier, High frequency electrical oscillation. E. Green and F. G. Robb. 1,988,487; Jan. 22.
- Generator armature. H. Grob. 1,988,039; Jan. 15.
- Generator control. J. J. Drabin. 1,999,871; Apr. 30.
- Generator control for automobiles. T. A. Saunders. 1,996,656; Apr. 2.
- Generator gasoline burner. I. V. Brumbaugh. 2,018,601; Oct. 22.
- Generator regulating device. B. M. Leece and D. S. Cole. 2,001,579; May 14.
- Generator system, Electric. G. W. Wilson. 2,005,486; June 18.
- Generator ventilator. L. A. Koch, Jr. 1,988,430; Jan. 15.
- Generator voltage regulator. H. J. Loftis. 2,021,941; Nov. 26.
- Generators, Construction and operation of steam. W. G. Noack. 1,993,746; Mar. 12.
- Generators, Regulating electric steam. M. Eaton. 2,006,631; July 2.
- Geography and the like, Apparatus for use in teaching physical. T. G. Howden. 1,986,576; Jan. 1.

- Geologic strata traversed by bore holes, Method of and device for differentiating between. O. Martienssen. 2,018,080; Oct. 22.
- Geological explorations, Making. H. R. Prescott. 1,998,412; Apr. 16.
- Geological strata, Making dip determinations of. E. V. McCollum and G. C. McGhee. 2,001,429; May 14.
- Geological surveying, Apparatus for. T. L. Bailey and W. S. Wiebusch. 2,017,522; Oct. 15.
- Geometrical instrument. C. W. Burt. 2,003,172; May 28.
- Germicide. L. A. Weed. 2,014,676; Sept. 17.
- Germicide. W. J. Yates. 1,991,590; Feb. 19.
- Getter for incandescent lamps. E. Dietz. 1,989,790; Feb. 5.
- Gift box, Commemorative. F. Milhening. 1,988,606; Jan. 22.
- Gig, Automatic. M. M. Penn. 2,000,146; May 7.
- Gilsonite cutting device. C. J. Neal. 2,008,768; July 23.
- Gimbal system for gyroscopes. J. B. Henderson. 2,009,263; July 23.
- Gin. R. W. McLean. 1,988,850; Jan. 22.
- Gin or similar machine. R. W. Starke, R. Sims, and J. C. Quinn. 1,986,901; Jan. 8.
- Girder. W. B. Klemperer. 1,994,716; Mar. 19.
- Girdle. C. W. McKee. 2,012,632; Aug. 27.
- Girdle. L. Meares. 1,987,965; Jan. 15.
- Girdle. H. V. Reidenbach. 2,004,730; June 11.
- Girdle. M. G. Waksmundzka. 2,022,751; Dec. 3.
- Girdle and corset. T. G. Robinson. 1,996,626; Apr. 2.
- Girdle, Athletic. H. C. Gingrich. 1,989,040; Jan. 22.
- Girdle, Detachable crotch. S. Davis. 2,016,990; Oct. 8.
- Girts in loop driers, Turning. A. O. Hurxthal. 2,024,927; Dec. 17.
- Gland extracts, Isolating. R. I. Wagner. 1,986,866; Jan. 8.
- Gland for ozone generators and the like. G. Ruck. 2,025,904; Dec. 31.
- Gland packing. J. M. Ryan. 1,988,216; Jan. 15.
- Glare from motor vehicle head lights, Device for eliminating or preventing the. C. E. Bean and D. J. Introvinne. 2,012,620; Aug. 27.
- Glare in vehicles, Device for preventing interior windshield. H. Bernard. 2,010,656; Aug. 6.
- Glare shield frame. R. C. Jacobs. 1,989,929; Feb. 5.
- Glare shields of vehicles, Control of. C. Chillowsky. 2,003,248; May 28.
- Glass and apparatus therefor, Electrically melting and refining. J. Ferguson. 2,007,755; July 9.
- Glass and apparatus therefor, Electrically melting and refining. J. Ferguson. 2,008,495; July 16.
- Glass and apparatus therefor, Marvering. T. Stenhouse. 2,020,623; Nov. 12.
- Glass and batch therefor, Method of fining. W. C. Taylor. 1,995,952; Mar. 26.
- Glass and making the same, Laminated. B. J. Dennison. 2,005,075; June 18.
- Glass and making the same, Laminated. E. L. Fix and B. J. Dennison. 2,003,288; June 4.
- Glass and making the same, Laminated. E. L. Fix and B. J. Dennison. 2,009,441; July 30.
- Glass and making the same, Laminated. E. L. Fix and J. C. Zola. 2,006,348; July 2.
- Glass and making the same, Ultra-violet light transparent. C. Dreyfus. 2,002,082; May 21.
- Glass and other objects with varnish film, Coating of. C. W. Bonnicksen. 1,994,269; Mar. 12.
- Glass and similar products, Manufacture of. G. Delpech. 1,992,994; Mar. 5.
- Glass, Annealing sheet. W. L. Monro. 2,002,544; May 28.
- Glass, Apparatus and method for making. W. A. Morton. 1,994,959; Mar. 19.
- Glass, Apparatus for and method of delivering molten. W. T. Honiss. 1,986,575; Jan. 1.
- Glass, Apparatus for and method of feeding molten. L. G. Bates. 1,999,749; Apr. 30.
- Glass, Apparatus for annealing window. J. H. Fox and K. G. Kutchka. 1,999,588; Apr. 30.
- Glass, Apparatus for case hardening. L. V. Black. 2,009,431; July 30.
- Glass, Apparatus for case hardening. R. A. Miller and L. V. Black. 2,015,807; Oct. 1.
- Glass, Apparatus for circulating molten. R. W. Canfield. 1,988,783; Jan. 22.
- Glass, Apparatus for circulating molten. A. G. Lauck. 1,995,391; Mar. 26.
- Glass, Apparatus for cutting. C. E. Hahn. 1,990,375; Feb. 5.
- Glass, Apparatus for cutting. W. Owen. 1,999,594; Apr. 30.
- Glass, Apparatus for drawing. W. O. Amsler. 2,003,525; June 4.
- Glass, Apparatus for feeding. E. E. Slick, Jr. 2,021,523; Nov. 19.
- Glass, Apparatus for feeding and forming. F. Eckert. 2,026,225; Dec. 31.
- Glass, Apparatus for feeding molten. E. C. Stewart. 1,986,650; Jan. 1.
- Glass, Apparatus for making case hardened. L. V. Black. 2,019,595; Nov. 5.
- Glass, Apparatus for making curved safety. W. O. Lytle. 2,025,115; Dec. 24.
- Glass, Apparatus for making flat. F. Gelstharpe and W. G. Koupal. 2,015,791; Oct. 1.
- Glass, Apparatus for making laminated. F. R. Murphy. 1,987,306; Jan. 8.
- Glass, Apparatus for making sheet. K. G. Kutchka. 1,988,560; Jan. 22.
- Glass, Apparatus for making sheet. K. G. Kutchka. 2,021,186; Nov. 19.
- Glass, Apparatus for making sheet. W. Ruch. 1,988,572; Jan. 22.
- Glass, Apparatus for making sheet. J. A. Watt. 2,015,773; Oct. 1.
- Glass, Apparatus for producing laminated. G. B. Watkins. 2,022,484; Nov. 26.
- Glass, Apparatus for severing sheet. F. Tasher. 1,988,580; Jan. 22.
- Glass, Apparatus for turning plate. J. Kristof. 2,022,242; Nov. 26.
- Glass, Apparatus for use in case hardening. L. V. Black. 2,025,086; Dec. 24.
- Glass, Apparatus for use in the cutting of laminated. C. E. Hess. 2,022,466; Nov. 26.
- Glass, Apparatus for use in the manufacture of laminated. B. C. Case and C. B. Schafer. 1,989,268; Jan. 29.
- Glass, Apparatus for window. J. S. Gregorius. 2,006,352; July 2.
- Glass apparatus, Gauge. F. M. Roby. 2,013,448; Sept. 3.
- Glass apparatus, Sheet. J. L. Drake. 2,010,063; Aug. 6.
- Glass apparatus, Sheet. W. Owen. 1,996,387; Apr. 2.
- Glass apparatus, Sheet. W. Wildermuth. 1,996,448; Apr. 2.
- Glass apparatus, Sheet. W. Wildermuth. 2,007,782; July 9.
- Glass article. P. Modigliani. 2,011,252; Aug. 13.
- Glass article, Decorated. E. C. Leibig. 2,002,900; May 28.
- Glass articles, Apparatus for forming hollow. G. E. Rowe. 2,011,187; Aug. 13.
- Glass articles, Forming. A. Kadow. 2,020,031; Nov. 5.
- Glass articles, Heat treating. R. G. Sherwood. 2,009,748; July 30.
- Glass articles, Manufacture of variegated. H. T. Hellmers and R. H. Donald. 2,019,048; Oct. 29.
- Glass articles, Method and apparatus for making. H. A. Fisher and J. P. Lindsay. 2,005,519; June 18.
- Glass articles, Method and apparatus for making hollow. A. E. Scheuerman. 1,988,574; Jan. 22.
- Glass articles provided with designs. A. Kneip. 2,023,175; Dec. 3.
- Glass batch, Blown. K. Fuwa and F. Suzuki. 2,014,230; Sept. 10.
- Glass batches, Apparatus for handling. J. H. Ritter. 1,992,444; Feb. 26.
- Glass blanks to pressing machines, Method and apparatus for feeding. H. R. Schütz. 1,986,449; Jan. 1.
- Glass blowing machine. L. D. Soubier. 1,998,336; Apr. 16.
- Glass, Boiler gauge. H. E. Brelsford and N. L. Snow. 2,016,481; Oct. 8.
- Glass breaker tool. F. Zemanek. 2,005,487; June 18.
- Glass bulb for electric lamps, Method to frost the inner surface of a. T. Naruse. 1,997,375; Apr. 9.
- Glass cleaner. F. Olivero. 2,025,888; Dec. 31.
- Glass composition, Borosilicate. W. C. Taylor. 2,012,552; Aug. 27.
- Glass composition of high electrical resistance, Soft. W. C. Taylor. 2,018,816-17; Oct. 29.
- Glass, Compound. E. Geisel. 2,007,645; July 9.
- Glass, Cooling. G. V. McCauley. 2,022,215; Nov. 26.
- Glass corner tiles, Making. G. F. Mattman. 2,024,775; Dec. 17.
- Glass cutting apparatus. A. C. Oakes. 1,988,393; Jan. 15.
- Glass cutting apparatus. W. Owen. 1,988,565; Jan. 22.
- Glass cutting apparatus. W. Owen. 1,996,386; Apr. 2.
- Glass cutting apparatus. W. Owen. 1,999,593; Apr. 30.
- Glass cutting apparatus, Sheet. J. P. Crowley and N. Mannbourg. 2,019,175; Oct. 29.
- Glass cutting apparatus, Sheet. J. L. Drake. 1,997,402; Apr. 9.
- Glass cutting machine and the like. T. McDowell. 1,996,876; Apr. 9.
- Glass cutting table. E. C. Miles. 1,996,383; Apr. 2.
- Glass, Drinking. P. L. Ward. 2,026,449; Dec. 31.
- Glass edging machine. W. Owen. 2,010,438; Aug. 6.
- Glass feeder. S. B. Bowman. 1,997,510; Apr. 9.
- Glass feeder. R. A. Chilcote. 2,005,494; June 18.
- Glass feeder. G. R. Haub. 2,020,143; Nov. 5.
- Glass feeder. P. Kucera. 1,997,798; Apr. 16.
- Glass feeder. T. Stenhouse. 2,003,058; May 28.
- Glass feeder, Displacement. P. Kucera. 1,997,799; Apr. 16.
- Glass, Feeding. E. C. Stewart. 2,013,451; Sept. 3.
- Glass feeding apparatus. D. Stenhouse. 2,004,017; June 4.
- Glass feeding device. J. I. Wood. 2,015,211; Sept. 24.
- Glass, Fining heat absorbing reduced. R. H. Dalton. 2,009,763; July 30.
- Glass forming apparatus, Sheet. J. L. Drake. 1,992,998; Mar. 5.
- Glass forming apparatus, Sheet. F. R. Hohmann. 2,006,167; June 25.
- Glass furnace. B. D. Brown. 2,001,766; May 21.
- Glass furnace. E. Féchoz. 2,025,581; Dec. 24.
- Glass furnace. J. Ferguson. 2,018,886; Oct. 29.
- Glass furnace, Electric. J. Ferguson. 2,018,884; Oct. 29.

- Glass gathering and forming machine. F. O'Neill. 1,988,699; Jan. 22.
- Glass gathering and forming machine. F. O'Neill. 1,992,963; Mar. 5.
- Glass gathering device, Suction. P. L. Geer, H. A. Moore, and W. A. Morton. 2,002,889; May 28.
- Glass grinding apparatus. C. B. Schafer. 1,990,002; Feb. 5.
- Glass grinding apparatus. F. B. Waldron. 2,019,205; Oct. 29.
- Glass grinding machine. M. J. Leonard. 2,010,922; Aug. 13.
- Glass grinding machine. M. R. Schottland and R. A. Fontaine. 2,003,905; June 4.
- Glass handling apparatus. H. S. Heichert. 2,021,183; Nov. 19.
- Glass holding and breaking device. C. M. McCarthy. 2,013,216; Sept. 3.
- Glass holding construction. R. C. Steeple. 2,001,943; May 21.
- Glass in a drawing off basin attached to a glass furnace, Device for the continuous renewal of. E. Rolvant. 2,023,745; Dec. 10.
- Glass in continuous tank furnaces, Stirring molten. W. C. Taylor. 2,022,223; Nov. 26.
- Glass in glass furnace gathering basins, Apparatus for circulating the. A. F. McNish. 2,021,013; Nov. 12.
- Glass inspection apparatus, Sheet. E. A. Rosin and A. H. Stebbins. 2,015,730; Oct. 1.
- Glass inspection apparatus, Sheet. E. L. Walters. 1,996,446; Apr. 2.
- Glass, Insulating. L. V. Black. 2,025,716; Dec. 31.
- Glass, Laminated. E. L. Fix and J. C. Zola. 2,006,347; July 2.
- Glass, Laminated. J. C. Henderson. 2,016,245; Oct. 1.
- Glass, Laminated. J. W. H. Randall. 2,022,479; Nov. 26.
- Glass, Laminated. G. B. Watkins. 1,989,959; Feb. 5.
- Glass, Laminated. J. C. Zola. 2,003,330; June 4.
- Glass, Laminated safety. J. D. Ryan. 2,006,182; June 25.
- Glass, Laminating. A. W. Hornig. 2,013,213; Sept. 3.
- Glass lay roller. G. Lehring. 2,013,614; Sept. 3.
- Glass, Magnifying. G. Jaekel. 2,026,176; Dec. 31.
- Glass, Making. G. E. Howard. 1,999,762; Apr. 30.
- Glass, Making plate. F. Gelstharp and W. G. Koupal. 2,003,289; June 4.
- Glass, Manufacture of laminated nonsplintering. A. Renfrew. 2,024,389; Dec. 17.
- Glass, Manufacture of safety. C. W. Bonnicksen. 2,004,518; June 11.
- Glass, Manufacturing laminated. F. L. Bishop. 2,014,124; Sept. 10.
- Glass, Manufacturing lead. L. Schertel. 2,007,349; July 9.
- Glass, Marking. T. B. Drescher. 2,024,277; Dec. 17.
- Glass measuring device. R. S. Hunter. 1,988,556; Jan. 22.
- Glass, Melting. W. W. Oakley. 1,988,915; Jan. 22.
- Glass melting furnace. L. Showers and K. G. Kutchka. 2,010,419; Aug. 6.
- Glass-melting furnace, Centrifugal. J. Ferguson. 2,006,947; July 2.
- Glass melting tank. J. H. McKelvey and J. W. Rogers. 1,989,103; Jan. 29.
- Glass melting tank. W. A. Morton. 1,991,331; Feb. 12.
- Glass melting tank, Continuous. E. W. Paxton and A. W. Schmid. 2,016,945; Oct. 8.
- Glass, Method and apparatus for polishing sheet. D. H. Goodwillie. 1,989,408; Jan. 29.
- Glass, Method and apparatus for working. P. H. Dussumier de Fonbrune. 1,987,734; Jan. 15.
- Glass, Method of and apparatus for drawing. W. J. Woods. 2,002,875; May 28.
- Glass, Method of and apparatus for feeding. A. E. Hamilton. 1,998,616; Apr. 23.
- Glass, Method of and apparatus for feeding molten. E. C. Stewart. 2,010,334; Aug. 6.
- Glass, Method of and apparatus for gathering. H. R. Schutz. 1,987,129; Jan. 8.
- Glass, Method of and apparatus for making. G. E. Howard. 1,999,761; Apr. 30.
- Glass, Method of and apparatus for making wire. A. W. Schmid. 2,009,706; July 30.
- Glass, Method of and apparatus for supplying molten. T. Waugh, Jr. 2,014,075; Sept. 10.
- Glass, Method of and apparatus for the manufacture of safety. J. Haas. 2,020,178; Nov. 5.
- Glass or other sheets made of any materials, Tempering of plate. R. Meer. 1,999,337; Apr. 30.
- Glass, Packaging of. W. F. Brown. 1,998,486; Apr. 23.
- Glass polisher. T. E. Obrig. 2,024,303; Dec. 17.
- Glass, Process and apparatus for drawing sheet. H. L. Halbach. 1,999,591; Apr. 30.
- Glass, Process and apparatus for making flat. H. J. Galey. 1,999,562; Apr. 30.
- Glass, Process and apparatus for producing case hardened. D. H. Goodwillie. 2,026,165; Dec. 31.
- Glass, Process and apparatus for producing laminated sheet. J. L. Drake. 1,992,997; Mar. 5.
- Glass, Process and apparatus for producing safety. G. B. Watkins. 1,989,388; Jan. 29.
- Glass, Producing curved composite. G. B. Watkins. 1,992,978; Mar. 5.
- Glass, Producing sheet. L. C. Mambourg. 2,026,186; Dec. 31.
- Glass, Production of. E. Heinz. 2,020,467; Nov. 12.
- Glass rack. J. D. McLeod. 2,005,099; June 18.
- Glass, Refractory. G. F. Adams, R. W. Douglas and J. H. Partridge. 2,010,836; Aug. 13.
- Glass replacement tool. P. Maca. 2,014,535; Sept. 17.
- Glass rolling apparatus. A. L. Harrington. 2,025,102; Dec. 24.
- Glass, Safety. J. K. Speicher. 2,006,416; July 2.
- Glass scoring apparatus, Sheet. J. L. Drake. 2,007,796; July 9.
- Glass, Service. A. Cooperstein. 1,986,958; Jan. 8.
- Glass, severing mechanism. T. and D. Stenhouse. 1,987,249; Jan. 8.
- Glass, Shaping. J. F. Morscholz. 1,999,525; Apr. 30.
- Glass sheets, Apparatus for cutting. C. F. Burdett and W. Owen. 1,999,586; Apr. 30.
- Glass sheets, Manufacture of. E. Donnini. 2,013,459; Sept. 3.
- Glass sheets, Method of and apparatus for bending. W. Owen. 2,021,197; Nov. 19.
- Glass sheets, Method of and apparatus for handling. E. Gentil. 1,988,892; Jan. 22.
- Glass sheets, Process and apparatus for bending. R. A. Miller. 2,003,383; June 4.
- Glass, Sight. A. O. Austin. 1,999,271; Apr. 30.
- Glass, Signal. T. D. Davidson. 2,007,393; July 9.
- Glass, Signal. T. D. Davidson. 2,012,933; Aug. 27.
- Glass spheres or particles to flat surfaces, Continuous method of applying. J. D. McBurney and E. H. Nollau. 1,998,053; Apr. 16.
- Glass supply apparatus and controlling the same, Electric. H. A. Wadman. 1,999,744; Apr. 30.
- Glass, Surfacing. B. Long. 2,000,240; May 7.
- Glass, Surfacing. B. Long. 2,023,275; Dec. 3.
- Glass, Surfacing plate. W. G. Ely, Jr. 1,996,369; Apr. 2.
- Glass tank. H. L. Halbach. 2,011,482; Aug. 13.
- Glass to be formed into sheets or plates, Process of and apparatus for pouring. G. P. Despret. 2,010,916; Aug. 13.
- Glass to forming machines, Method of and apparatus for supplying. T. Stenhouse. 2,026,237; Dec. 31.
- Glass transfer apparatus. J. C. E. Schwab. 2,004,349; June 11.
- Glassware. T. W. McCreary. 1,993,412; Mar. 5.
- Glassware and apparatus therefor, Manufacturing. G. Schaffer and G. F. Jardine. 2,024,748; Dec. 17.
- Glassware, Apparatus for and method of fabricating. A. J. Smith. 1,986,766; Jan. 1.
- Glassware, Apparatus for fabricating. A. J. Smith. 1,986,765; Jan. 1.
- Glassware, Apparatus for handling. J. C. E. Schwab. 2,022,786; Dec. 3.
- Glassware, Apparatus for shaping. K. E. Peiler. 2,017,569; Oct. 15.
- Glassware, Coating. J. E. McBurney. 2,016,381; Oct. 8.
- Glassware, Forming. D. E. Gray and W. C. Weber. 2,015,219; Sept. 24.
- Glassware, Forming hollow. K. E. Peiler. 2,008,312; July 16.
- Glassware forming machine. E. G. Bridges. 2,015,662; Oct. 1.
- Glassware forming machine. C. C. Kinker. 2,016,374; Oct. 8.
- Glassware forming machine. F. O'Neill. 1,992,321; Feb. 26.
- Glassware forming machine. F. O'Neill and C. C. Kinker. 2,018,030; Oct. 22.
- Glassware forming machine. C. W. Schreiber and J. E. McLaughlin. 1,995,628; Mar. 26.
- Glassware forming machine. C. B. Shillinger. 2,016,393; Oct. 8.
- Glassware forming machine. C. B. Smith. 1,988,579; Jan. 22.
- Glassware forming machine. L. D. Soubier. 1,991,708; Feb. 19.
- Glassware forming machine. L. D. Soubier. 2,016,398; Oct. 8.
- Glassware leer construction. H. B. Eastwood. 1,997,250; Apr. 9.
- Glassware, Manufacture of. J. E. Duncan, Jr., and W. W. Reese. 1,996,910; Apr. 9.
- Glassware, Mechanism for transferring. A. W. Beeson. 2,007,592; July 9.
- Glassware, Method of and apparatus for forming. E. O. Hiller. 1,992,948; Mar. 5.
- Glassware, Method of and apparatus for forming hollow. G. E. Howard. 1,992,951; Mar. 5.
- Glassware, Method of and apparatus for forming hollow. A. J. Smith. 1,992,510; Feb. 26.
- Glassware takeout mechanism. A. J. Smith. 1,999,742; Apr. 30.
- Glassware washing machine. A. R. Lofstrand, Jr. 1,992,920; Feb. 26.
- Glass wool and its manufacture, Caked. J. H. Thomas. 2,016,401; Oct. 8.
- Glass wool, Method and apparatus for producing curled or crimped. P. O. E. Friedrich. 2,002,314; May 21.
- Glass working apparatus. A. Kadow and W. L. Van Ness. 2,020,032; Nov. 5.
- Glass working apparatus. W. C. Weber. 1,988,883; Jan. 22.
- Glass working apparatus and method. G. E. Howard. 1,995,276; Mar. 19.
- Glass working implement. R. D. Smith. 2,018,814; Oct. 29.

- Glass working machine. B. T. Headley and D. I. Du Bois. 2,013,463; Sept. 3.
- Glass, X-ray absorption. F. Gelstharp. 2,025,099; Dec. 24.
- Glasses. H. B. McMurdo. 2,009,700; July 30.
- Glasses and like articles, Apparatus for washing drinking. P. Vermeiren. 2,011,207; Aug. 13.
- Glasses, Field. A. Wollensak. 2,024,018; Dec. 10.
- Glasses, Fining heat absorbing reduced. R. H. Dalton. 2,009,764; July 30.
- Glasses for eyes, Making contact. R. Lincke. 2,000,768; May 7.
- Glasses, Reclaiming nonshatterable. L. G. Tubbs. 2,006,527; July 2.
- Glasses, Submarine. E. A. Wick. 2,008,530; July 16.
- Glaze for nonmetallic resistors. E. Hediger. 2,003,592; June 4.
- Glaze having a dispersing agent therein, Method and composition for producing a cold. V. P. Krauss. 2,019,980; Nov. 5.
- Glaze on building materials and the like, Method and composition for producing a cold. V. P. Krauss. 2,019,981; Nov. 5.
- Glaze, Red. A. Malinovsky and A. L. Bennett. 2,020,559; Nov. 12.
- Glazier's points. H. Thorin. 2,005,484; June 18.
- Glazier's tool. A. G. Anderson. 2,010,744; Aug. 6.
- Glazing bar. R. W. Emerson and S. H. Harper. 1,988,647; Jan. 22.
- Glazing construction. S. K. Huston. 2,002,536; May 28.
- Glazing device for glazed openings, Supplementary. H. S. Conrow. 2,025,198; Dec. 24.
- Glazing unit. J. C. Parkinson and R. E. Hamill. 2,025,770; Dec. 31.
- Glide for furniture legs. S. Fruchter. 1,988,377; Jan. 15.
- Glider. W. R. McGowen. 2,000,859; May 7.
- Glider. H. Perlesz and C. F. Pearce, Jr. 2,011,870; Aug. 20.
- Glider. B. Theodore. 2,008,997; July 23.
- Glider construction. M. B. Smith. 1,988,860; Jan. 22.
- Glider frame. M. B. Smith. 2,017,170; Oct. 15.
- Globe and making the same. J. B. Hawley. 2,006,831; July 2.
- Globe and support. E. J. Pohlman. 2,014,290; Sept. 10.
- Globe, Sun ray indicating terrestrial. J. H. Back. 2,020,284; Nov. 12.
- Globes and their caps, Connecting street light. J. L. Le Gorre. 1,989,044; Jan. 22.
- Glove. E. Elkus. 2,018,442; Oct. 22.
- Glove. A. Pagan. 2,025,357; Dec. 24.
- Glove fitting device. E. J. Bliss. 1,997,920; Apr. 16.
- Glove, Imitation pig skin fabric. E. M. Meinig. 2,019,621; Nov. 5.
- Glove, Protective. L. E. Dickson. 2,012,869; Aug. 27.
- Glove, Rubber. F. E. Barns. 1,988,709; Jan. 22.
- Glove, Swimming. E. B. Bell. 2,004,684; June 11.
- Glove, Swimming. J. A. Borgman. 2,016,538; Oct. 8.
- Glove, Swimming. G. W. Cushman. 2,007,079; July 2.
- Glove, Work. R. C. Palicki. 2,004,382; June 11.
- Gloves, Manufacture of. J. F. Mériquet. 1,999,338; Apr. 30.
- Glow discharge device. H. H. Geffcken and H. R. Richter. 2,017,278; Oct. 15.
- Glow discharge device. M. Schmierer. 2,002,551; May 28.
- Glow discharge device. H. W. Weinhart. 1,992,267; Feb. 26.
- Glow discharge device, Electric. G. F. Brett. 2,025,934; Dec. 31.
- Glow discharge device such as is used in the recording of sound. A. Whitaker. 2,017,520; Oct. 15.
- Glow-discharge lamp. F. Schröter and O. Schriever. 2,015,498; Sept. 24.
- Glow discharge means for temperature control. C. A. Sabbah. 1,998,943; Apr. 23.
- Glow discharge relay. H. C. Thompson. 2,021,034; Nov. 12.
- Glow discharge sign. C. J. LeBel. 2,004,995; June 18.
- Glow discharge tube, Crater type. R. M. Williams. 1,991,480; Feb. 19.
- Glow indicator lamp. J. A. Linder and C. L. E. de Gauge, Jr. 1,993,012; Mar. 5.
- Glow lamp. H. C. Jones. 2,000,395; May 7.
- Glow lamp. P. J. Kayatt. 1,989,041; Jan. 22.
- Glowlamp. P. J. Kayatt. 1,991,749; Feb. 19.
- Glow lamp. R. M. Williams. 1,991,479; Feb. 19.
- Glowlamp, Negative. H. C. Rentschler and D. E. Henry. 2,003,493; June 4.
- Glow plug. H. Rabezzana. 2,024,387; Dec. 17.
- Glow relay tubes, System for operating. R. H. Sinden. 1,996,556; Apr. 2.
- Glucamines and related products, Producing. R. B. Flint and P. L. Salzberg. 2,016,962; Oct. 8.
- Glucosides of digitalis lanata and making same, Cardioactive. W. Kreis. 2,003,204; May 28.
- Glue. G. G. Pierson. 1,989,150; Jan. 29.
- Glue and a plastic material and products thereof, Making. L. J. Fuhrmann. 2,006,736; July 2.
- Glue and glue base. G. G. Pierson. 2,023,973; Dec. 10.
- Glue and making the same. H. W. Kelley. 2,017,029; Oct. 8.
- Glue and making the same, Vegetable. E. H. Harvey. 2,006,164; June 25.
- Glue and manufacturing the same. O. Johnson. 1,992,867; Feb. 26.
- Glue, Casein. T. W. Dike. 2,016,707; Oct. 8.
- Glue, Preparation of. R. C. Newton and F. L. De Beukelaer. 2,024,131; Dec. 10.
- Glue product and making the same, Waterproof. T. Satow. 1,994,050; Mar. 12.
- Glue transferring device. S. Rosen. 1,992,636; Feb. 26.
- Gluing. C. B. Norris. 1,999,253; Apr. 30.
- Gluing and product thereof. G. R. Meyercoed and C. E. Rozema. 2,018,733; Oct. 29.
- Gluing machine. R. E. De Luce. 2,005,132; June 18.
- Gluing machine. G. F. Ford and W. F. Pittman. 2,000,325; May 7.
- Gluing, Method of and apparatus for. C. B. Norris. 2,018,736; Oct. 29.
- Glycerides, Preparing. C. W. Christensen. 2,022,493; Nov. 26.
- Glycerine, Manufacture of. C. H. Lilly. 1,987,260; Jan. 8.
- Glycerol by fermentation, Production of. W. F. Krug, Jr., and F. A. McDermott. 1,990,908; Feb. 12.
- Glycerols and producing same, Substituted. G. A. Emerson. 2,009,988; July 30.
- Glycols, Production of. A. E. Dunstan and S. F. Birch. 1,996,193; Apr. 2.
- Glyoxal, Preparation of. S. Lenher. 1,988,455; Jan. 22.
- Glyoxal sulphate, Preparation of. M. A. Perkins. 1,999,995; Apr. 30.
- Glyoxalidenearylmethylols and making them. M. Bockmühl and R. Knoll. 1,999,989; Apr. 30.
- Glyoxals, Production of. H. L. Riley. 1,999,576; Apr. 30.
- Glyox, Coloring. S. G. Wright. 2,010,619; Aug. 6.
- Goffering machine and heating apparatus therefor. I. Kitzroser. 2,008,395; July 16.
- Goggle. E. B. Meyrowitz. 1,989,876; Feb. 5.
- Goggle. G. Ratti. 2,026,435; Dec. 31.
- Goggle. H. F. Shindel and T. A. Willson. 2,009,528; July 30.
- Goggle fastening means. R. Malcom. 2,007,431; July 9.
- Goggle frame and making the same. C. J. Haag. 2,006,917; July 2.
- Goggle support. O. A. Livengood. 2,004,701; June 11.
- Goggles, Ventilated eye. B. W. Nutt. 1,994,419; Mar. 12.
- Goggles. E. B. Meyrowitz. 1,996,587; Apr. 2.
- Goggles. E. B. Meyrowitz. 2,002,543; May 28.
- Goggles. S. N. Sager. 1,990,208; Feb. 5.
- Goggles. G. P. Thiele. 1,986,688; Jan. 1.
- Goggles, Telescope. C. H. O. Wittig. 2,024,322; Dec. 17.
- Gold alloy. J. K. Smith. 2,015,499; Sept. 24.
- Gold, Apparatus for recovering placer. W. C. Hanson. 1,987,475; Jan. 8.
- Gold bag support. H. F. Eppens. 2,007,709; July 9.
- Gold concentrator, Rotary. D. B. Cave. 1,992,288; Feb. 26.
- Gold inlays, Manufacture of. J. A. Daly. 2,004,747; June 11.
- Gold from colloidal slum and other colloidal materials, Recovery of. B. G. Nicholl. 1,989,603; Jan. 29.
- Gold, Recovering. C. R. Arnold. 1,988,932; Jan. 22.
- Gold recovering device and method. J. B. Girand. 2,004,939; June 18.
- Gold recovery device. M. D. East. 2,007,158; July 9.
- Gold recovery machine. W. E. Mendenhall. 2,006,596; July 2.
- Golf bag. G. E. Bishop. 2,003,733; June 4.
- Golf bag. C. Hotze. 1,988,870; Jan. 22.
- Golf bag. J. K. Hotze. 2,006,920-1; July 2.
- Golf bag. H. Mobbs. 2,000,711; May 7.
- Golf bag. J. W. Osten. 2,002,581 May 28.
- Golf bag. N. J. Saad. 2,014,589; Sept. 17.
- Golf bag. H. A. Sampson. 2,009,072; July 23.
- Golf bag. H. A. Sampson. 2,023,792; Dec. 10.
- Golf bag. R. E. Thompson. 2,010,166; Aug. 6.
- Golf bag support. L. C. Komers. 2,016,967; Oct. 8.
- Golf ball cleaner. C. Sundahl. 1,991,183; Feb. 12.
- Golf ball marking machine. R. Atti. 1,999,647; Apr. 30.
- Golf ball printing machine. R. Atti. 2,002,847; May 28.
- Golf balls, Making. M. B. Reach. 1,996,880; Apr. 9.
- Golf club. A. E. Buhke and A. F. Heeter. 1,997,853; Apr. 16.
- Golf club. A. E. Buhke and A. F. Heeter. 2,015,253; Sept. 24.
- Golf club. W. L. Dyce. 2,001,342; May 14.
- Golf club. H. D. Fitzpatrick. 2,020,679; Nov. 12.
- Golf club. C. H. Grell. 2,005,915; June 25.
- Golf club. W. S. Howell. 1,997,382; Apr. 9.
- Golf club. W. Hutchison. 2,018,723; Oct. 29.
- Golf club. A. E. Lard. 1,988,045; Jan. 15.
- Golf club. A. E. Lard. 1,996,298; Apr. 2.
- Golf club. A. C. Link. 2,007,377; July 9.
- Golf club. T. Pepin. 2,003,951; June 4.
- Golf club. W. F. Reach. 2,018,897-8; Oct. 29.
- Golf club. A. A. Root. 1,994,149; Mar. 12.
- Golf club. H. S. Stephens. 2,016,218; Oct. 1.
- Golf club. L. A. Storz. 2,005,401; June 18.
- Golf club. L. A. Young. 2,004,968; June 18.
- Golf club. L. A. Young. 2,014,829; Sept. 17.
- Golf club and manufacturing same. K. Smith. 1,997,889; Apr. 16.
- Golf club and score card. P. M. Connelly. 1,995,169; Mar. 19.
- Golf club and shaft therefor. G. D. Hartley. 2,007,970; July 16.
- Golf club joint. A. A. Krauter. 2,007,976; July 16.

- Golf club, Practice. P. Ables. 1,994,207; Mar. 12.
 Golf club, Practice. C. H. Grelle. 1,990,281; Feb. 5.
 Golf club protector. F. Crozier. 2,008,322; July 16.
 Golf club rack. A. Smith. 2,024,484; Dec. 17.
 Golf club shaft. L. D. Winters. 1,994,556; Mar. 19.
 Golf game. D. Powell. 2,003,809; June 4.
 Golf game. W. H. Stayton. 2,014,992-3; Sept. 17.
 Golf machine. G. L. Thompson. 2,018,291; Oct. 22.
 Golf club measuring device. E. J. Klin. 2,020,193; Nov. 5.
 Golf playing field. B. E. Gage. 2,003,074; May 28.
 Golf practice apparatus. T. H. Muth. 2,014,145; Sept. 10.
 Golf practice device. A. D. Grisso. 2,006,137; June 25.
 Golf practice device. R. G. Holmes. 2,011,857; Aug. 20.
 Golf practice device. P. W. Kane. 1,991,252; Feb. 12.
 Golf practice device. M. G. Rosengarten. 2,011,014; Aug. 13.
 Golf practicing device. E. W. Johanson. 2,017,661; Oct. 15.
 Golf shafts and the like, Forming. H. M. Wilcox. 2,001,643; May 14.
 Golf stick. E. Glover. 1,993,928; Mar. 12.
 Golf stroke practice device. D. M. Boothman. 1,989,542; Jan. 29.
 Golf target. G. T. Brown. 1,989,165; Jan. 29.
 Golf tee. F. C. Penny. 2,018,146; Oct. 22.
 Golf tee. K. Sekki. 2,011,203 Aug. 13.
 Golf tee, Mechanical. W. P. Fleming. 2,013,881; Sept. 10.
 Golf training device. C. T. Hanley. 2,022,910; Dec. 3.
 Golfer's club swing perfecter. R. W. Carmichael. 2,008,944; July 23.
 Golfer's stance gauge. T. L. Lingg. 2,025,519; Dec. 24.
 Gonad-stimulating substance and producing it. H. H. Cole and H. Goss. 2,007,328; July 9.
 Gonad-stimulating substance and producing it. H. H. Cole and G. H. Hart. 1,994,853; Mar. 19.
 Goods containing rubber or similar materials, Manufacture of. E. A. Murphy and E. W. Madge. 1,993,279; Mar. 5.
 Goods, Device for the transportation of. G. A. E. Moreau. 1,994,399; Mar. 12.
 Goods-display device. H. B. Hyams. 1,991,217; Feb. 12.
 Goods of or containing sponge-like or cellular rubber, Manufacture of. W. H. Chapman, E. W. B. Owen, and D. W. Pounder. 2,020,994; Nov. 12.
 Goods of rubber or similar material, Method of and apparatus for the production of. W. G. Gorham and G. W. Trobridge. 2,001,305; May 14.
 Goods of rubber or similar material, Method of and apparatus for the production of. E. W. Madge. 2,015,530; Sept. 24.
 Goods, Producing knitted. J. A. Goodman. 2,010,632; Aug. 6.
 Goods through furnaces and the like, Conveyance of. A. Smallwood and J. Fallon. 1,997,318; Apr. 9.
 Goodyear welting. W. Brown. 1,993,541; Mar. 5.
 Governor. A. C. Hoof. 1,999,758; Apr. 30.
 Governor. T. I. Larsen. 2,024,296; Dec. 17.
 Governor. M. Mallory. 2,009,934; July 30.
 Governor. C. B. Spellman and A. Greig. 2,018,977; Oct. 29.
 Governor, Air friction type. H. H. Hawkins. 2,021,006; Nov. 12.
 Governor apparatus. W. F. Engel, G. W. La Salle, and O. D. Treiber. 2,009,995; Aug. 6.
 Governor control for shock absorbers. E. L. Kullek. 2,013,920; Sept. 10.
 Governor control mechanism. S. L. Kerr. 2,018,793; Oct. 29.
 Governor, Disk spring. J. O. Almen. 2,003,817; June 4.
 Governor drive, Speed. A. Kalin. 2,011,859; Aug. 20.
 Governor, Electrical. L. A. Warner. 1,986,695; Jan. 1.
 Governor, Fluid pressure. B. H. Thompson. 2,017,674; Oct. 15.
 Governor for clock trains, etc., Centrifugal friction. W. E. Porter. 2,020,739; Nov. 12.
 Governor for closure members. W. G. Miller. 2,019,085; Oct. 29.
 Governor for gas electric power units, Speed. H. D. Gumpert. 2,004,404; June 11.
 Governor for hydraulic drives, Speed. E. S. Smith, Jr. 2,004,638; June 11.
 Governor for internal combustion engines. H. Dahnke. 2,009,967; July 30.
 Governor, Hoop type. J. O. Almen. 2,014,921; Sept. 17.
 Governor, Ignition. M. Mallory. 1,998,379; Apr. 16.
 Governor linkage, Variable. O. Nonnenbruch. 1,991,570; Feb. 19.
 Governor mechanism. A. F. Schwendner. 2,009,417; July 30.
 Governor-meter. E. W. Swartwout. 1,986,986; Jan. 8.
 Gown, Maternity. O. L. Hunley. 2,014,619; Sept. 17.
 Grabbing and carrying device, Automatic. C. A. Kelso. 1,993,346; Mar. 5.
 Grade determining apparatus. E. H. Canon. 2,008,816; July 23.
 Grade indicator. J. R. Elsom. 2,019,178; Oct. 29.
 Grader, Bean. B. I. Buck. 1,996,190; Apr. 2.
 Grader, Fruit. A. P. Redden. 1,992,838; Feb. 26.
 Grader-planer. F. M. Hargrave. 1,996,676; Apr. 2.
 Grader, Road. W. A. Cost. 2,024,994; Dec. 17.
 Grader, Tractor drawn. J. J. Allison and J. P. Ivy. 2,004,846; June 11.
 Grading apparatus. D. R. Bailey. 2,020,013; Nov. 5.
 Grading apparatus. D. M. Burgess. 2,006,384; July 2.
 Grading apparatus. W. de Back. 1,994,756; Mar. 19.
 Grading machine. C. A. Pederson. 2,011,526; Aug. 13.
 Grading machine. N. J. Wigginton. 2,021,094; Nov. 12.
 Grading ring. K. A. Hawley. 2,007,141; July 2.
 Grain, Apparatus for conditioning. L. R. Henkle. 2,004,001; June 4.
 Grain cleaner and separator. H. Mjolsness. 2,006,867; July 2.
 Grain cleaning device. M. Davis. 1,995,024; Mar. 19.
 Grain divider. R. F. Wolfram. 2,009,755; July 30.
 Grain elevator. C. W. Preisser. 2,013,582; Sept. 3.
 Grain for extermination of insect life therein, Method of and apparatus for treating. J. H. Davis. 2,006,265; June 25.
 Grain lifting reel. E. F. Rall and A. Kenitzer. 2,008,470; July 16.
 Grain scalping mechanism. C. C. Gray and H. L. Johnson. 1,989,687; Feb. 5.
 Grain, seed, and the like, Apparatus for cleaning and polishing. R. V. Judson. 2,014,382; Sept. 17.
 Grain separating machine. C. C. Ingraham. 2,015,400; Sept. 24.
 Grain to produce grits and flakes, Treating. L. S. Greenwood. 2,011,050; Aug. 13.
 Grain with fluids, Treating. E. W. Menke. 1,987,304; Jan. 8.
 Graining, Apparatus for. G. von Webern and E. W. Hamant. 1,994,493; Mar. 19.
 Graining machine, Vertical. G. von Webern and E. W. Hamant. 1,997,612; Apr. 16.
 Graining roll. G. von Webern. 1,994,598; Mar. 19.
 Gramophone. J. Gell. 2,025,836; Dec. 31.
 Granular bodies, Apparatus and method of determining the tenacity of bonded. R. L. Melton. 2,001,794; May 21.
 Granular material, Apparatus for separating. M. I. Dorfman. 2,003,141; May 28.
 Granular material into moving containers, Method and apparatus for filling. A. R. Thompson. 2,015,164; Sept. 24.
 Granular material, Packaging dry. F. M. Greven. 1,993,442; Mar. 5.
 Granular material, Washing, grading, and otherwise treating. H. R. Lewis. 1,996,022; Mar. 26.
 Granular materials, Device for applying. O. D. Shonnard. 2,017,422; Oct. 15.
 Granular materials into the soil, Device for introducing dry. A. L. Smith. 2,005,598; June 18.
 Granular materials, Method of and apparatus for the reduction of. G. L. Hann. 1,989,615; Jan. 29.
 Granule and making same, Colored. W. H. Alton. 2,003,850; June 4.
 Granule, Colored. W. H. Alton. 2,003,849; June 4.
 Granules, Manufacture of artificially colored. M. R. Beasley. 2,001,448; May 14.
 Graphite into engines, Apparatus for injecting. C. R. Rolan. 2,002,834; May 28.
 Graphite lubricant. W. C. Thorpe. 2,003,564; June 4.
 Graphite, Refining. A. M. Kennedy. 2,012,684; Aug. 27.
 Grapple. M. D. Pratt. 2,009,453; July 30.
 Grapple. E. J. Shaughnessy. 1,990,673; Feb. 12.
 Grapple or grab hook. D. H. Hayden. 1,995,509; Mar. 26.
 Grass collecting device for lawn mowers. V. Titimacco. 2,026,291; Dec. 31.
 Grass cutter. E. Watson. 1,992,517; Feb. 26.
 Grass destroyer, Quack. D. Gilbertson. 2,007,646; July 9.
 Grate. H. T. Henry. 2,007,531; July 9.
 Grate. J. F. O'Connor. 2,000,473; May 7.
 Grate. E. Rinfret. 2,010,527; Aug. 6.
 Grate bar. A. E. Binder. 2,008,660; July 16.
 Grate bar. J. S. Thompson. 2,012,148; July 20.
 Grate, Chainless traveling. M. Liniger. 1,989,373; Jan. 29.
 Grate, Dumping. G. L. Bridge. 1,997,764; Apr. 16.
 Grate, Dumping. C. A. Warg. 2,003,729; June 4.
 Grate, Fire. G. A. McCrone. 2,016,869; Oct. 8.
 Grate, Furnace. F. Graaen. 2,005,544; June 18.
 Grate, Incinerator. H. O. Duerr. 1,999,722; Apr. 30.
 Grate or fire pot, Furnace. H. Pollack. 1,986,117; Jan. 1.
 Grate, Protected. J. Moore. 1,991,815; Feb. 19.
 Grate structure. J. W. Hulson. 2,009,450; July 30.
 Grate structure. H. S. Lee. 1,992,315; Feb. 26.
 Grater. L. De Hymel. 2,016,596; Oct. 8.
 Grater. N. B. Riddle. 2,022,151; Nov. 26.
 Grater and shredder. H. L. Threadgill and E. A. Williams. 2,023,058; Dec. 3.
 Grater, Combination vegetable. G. Potstada. 1,994,148; Mar. 12.
 Grating. H. W. Richmond and C. G. Kemp. 2,011,730; Aug. 20.
 Grating. E. L. Tarof. 2,014,912; Sept. 17.
 Grating and grating bar and method of fabricating gratings. H. Nagin. 2,006,929; July 2.
 Grating, Window. B. A. McGuinness. 1,996,931; Apr. 9.
 Grating, Window. B. A. McGuinness. 2,016,044; Oct. 1.
 Grave covering apparatus. N. R. Moore. 2,017,277; Oct. 22.
 Grave filler. F. A. Heise. 2,023,730; Dec. 10.
 Gravel, Apparatus for deshaling. C. H. Young. 2,025,841; Dec. 31.
 Gravel, Apparatus for scrubbing and treating. W. H. Allswede. 1,997,030; Apr. 9.

- Gravel in wells, Apparatus for placing. L. A. Layne. 2,014,770; Sept. 17.
- Gravel separator and scrubber. A. M. Lockett. 2,008,643; July 16.
- Gravel, Treating. W. H. Allswede. 1,997,031; Apr. 9.
- Gravity duplicator. L. W. Wagner. 2,013,259; Sept. 3.
- Gravity feeder. B. Nemes and B. Gluck. 2,015,436; Sept. 24.
- Gravity flow control. G. L. Mateer. 2,009,711; July 30.
- Gravity indicating device, Specific. A. O. Codney. 1,992,813; Feb. 26.
- Gravity meter. O. H. Truman. 1,988,527; Jan. 22.
- Grease. A. W. Burwell. 2,012,252; Aug. 20.
- Grease and its manufacture. G. Kaufman. 2,002,819; May 28.
- Grease-cup. L. C. Clarke. 2,011,616; Aug. 20.
- Grease, Cup. W. P. Hilliker. 1,989,197; Jan. 29.
- Grease discharge device. C. Harris. 2,024,097; Dec. 10.
- Grease dispenser. R. M. Bagley and G. J. Huntley. 1,999,797; Apr. 30.
- Grease gun filling machine. L. Bowen and A. T. McPherson. 2,011,891; Aug. 20.
- Grease gun head and nozzle construction. I. L. Eastman. 2,019,955; Nov. 5.
- Grease gun, Nonsticking pneumatic hammer. C. W. Ginter. 2,001,190; May 14.
- Grease, Journal. W. P. Hilliker. 1,989,196; Jan. 29.
- Grease pack for pressure grease guns. W. S. Mays. 1,996,929; Apr. 9.
- Grease retainer. J. H. Victor and W. A. Heinze. 1,992,790; Feb. 26.
- Grease retainer. J. H. Victor and W. A. Heinze. 2,022,304; Nov. 26.
- Grease trap. G. J. Dehn. 2,003,139-40; May 28.
- Greasing apparatus, High pressure. G. B. Staples. 2,007,113; July 2.
- Green-fodder, Preservation of. F. A. Henglein. 2,021,996; Nov. 26.
- Greenhouse. J. H. S. Morison. 2,024,056; Dec. 10.
- Greenhouse structure. H. R. Ricardo. 2,019,831; Nov. 5.
- Greens for canning, Preparing. B. A. Hook. 2,020,645; Nov. 12.
- Grenade. J. A. Willners. 1,994,081; Mar. 12.
- Grid bar for cotton openers. W. F. Johnson. 2,024,451; Dec. 17.
- Grid glow tube structure. S. P. Sashoff. 2,003,012; May 28.
- Grid, Metallic. E. W. Burgess. 2,020,017; Nov. 5.
- Grid winding machine. H. L. Cobb. 1,999,654; Apr. 30.
- Grids, Method and machine for making. J. Flaws, Jr. 1,994,307; Mar. 12.
- Griddle, Electric. E. F. Reinhardt. 2,012,546; Aug. 27.
- Grill, Hand. B. H. Smith. 2,005,010; June 18.
- Grill, Rotary. J. E. Kaigren. 1,993,607; Mar. 5.
- Grille, Adjustable. J. P. Burcham. 2,001,181; May 14.
- Grille, Bead-ornamented parallel-blade. L. B. Green. 1,996,046; Mar. 26.
- Grille blade and cross-bar assembly. L. B. Green. 1,996,047; Mar. 26.
- Grille-blades for radiator shells, Supporting. L. B. Green. 1,997,415; Apr. 9.
- Grille for automobile fronts. L. B. Green. 1,999,007; Apr. 23.
- Grille for automobile radiator fronts and its manufacture. L. B. Green. 1,988,118; Jan. 15.
- Grille for automobile radiators and the like. L. B. Green. 1,993,602; Mar. 5.
- Grille for radiators. H. G. Kellogg. 1,991,506; Feb. 19.
- Grille, Grid-type. L. B. Green. 2,007,716; July 9.
- Grille, Grid type metal. L. B. Green. 2,008,907; July 23.
- Grille, Grid-type radiator. L. B. Green. 2,013,384; Sept. 3.
- Grille, Honeycomb directional. H. S. Covell and C. Lohman. 2,000,274; May 7.
- Grille or grille fabric, Metal. L. B. Green. 1,988,728; Jan. 22.
- Grilles, Making flat expanded. O. M. Otte. 2,018,085; Oct. 22.
- Grilling apparatus, Electric. E. A. Weisel. 2,020,446; Nov. 12.
- Grinder, Air brake bushing. A. C. Brignoni. 2,007,847; July 9.
- Grinder, Artificial denture. H. T. J. Edwards. 1,986,628; Jan. 1.
- Grinder, Automobile valve seat. E. J. Ostman. 2,022,821; Dec. 3.
- Grinder, Centerless. J. R. Dunham. 1,999,430; Apr. 30.
- Grinder dressing machine. F. O. Albertson. 1,987,812; Jan. 15.
- Grinder, Drill. A. Williams. 1,994,975; Mar. 19.
- Grinder, Edge. A. J. Holman. 1,990,488; Feb. 12.
- Grinder, Feed. C. B. Mathews. 1,987,941; Jan. 15.
- Grinder for leather dressing machines and the like, Roll. E. H. Van Valkenburgh. 2,023,347; Dec. 3.
- Grinder, Gear. H. D. Tanner. 2,022,061; Nov. 26.
- Grinder, Meat. M. A. Angelo. 2,014,608; Sept. 17.
- Grinder or hone for cylindrical surfaces. J. E. G. Kline. 1,998,460; Apr. 23.
- Grinder, Portable railway track. H. H. Talboys. 2,016,877; Oct. 8.
- Grinder, Rail. C. A. Miller. 2,018,411; Oct. 22.
- Grinder, Rail. C. H. Peck. 1,988,138; Jan. 15.
- Grinder, Reamer. E. R. Zeitz and S. W. Dennison. 2,001,173; May 14.
- Grinder, Surface. G. T. Huxford. 2,019,677; Nov. 5.
- Grinder, Track. H. J. Perazzoli. 1,999,943; Apr. 30.
- Grinder, Track. H. H. Talboys. 1,991,234; Feb. 12.
- Grinder, Valve seat. F. O. Albertson. 2,005,851; June 25.
- Grinder, Valve seat. C. O. Dutro and N. M. Jennings. 2,006,630; July 2.
- Grinder, Valve seat. T. D. Enete. 1,999,322; Apr. 30.
- Grinder, Valve seat. J. A. Love. 2,026,051; Dec. 31.
- Grinders, Feeding device for centerless. K. L. Herrmann. 1,989,923; Feb. 5.
- Grinding. G. W. Binns. 1,993,823; Mar. 12.
- Grinding. G. W. Binns. 2,012,078; Aug. 20.
- Grinding. R. L. Cawood. 1,992,290; Feb. 26.
- Grinding. J. Desenberg. 2,005,718; June 25.
- Grinding and polishing cylindrical lenses, Apparatus for. A. J. Holman. 2,020,312; Nov. 12.
- Grinding and polishing machine. C. B. Garwood. 2,003,504; June 4.
- Grinding and polishing machine. G. D. Moomaw. 2,009,452; July 30.
- Grinding apparatus. H. F. Holbeck. 1,991,899; Feb. 19.
- Grinding apparatus. B. O. Isom. 2,004,949; June 18.
- Grinding apparatus. M. Musgrave. 2,022,819; Dec. 3.
- Grinding apparatus. R. E. Spurr. 2,002,967; May 28.
- Grinding apparatus. F. A. Thompson. 2,016,351; Oct. 8.
- Grinding apparatus for pulverizing materials. W. A. Scott. 1,999,666; Apr. 30.
- Grinding apparatus, Rotary. E. B. Myers. 1,995,549; Mar. 26.
- Grinding bodies, Producing. T. Pohl and J. Schneider. 1,986,850; Jan. 8.
- Grinding composition. H. C. Fuchs. 2,006,162; June 25.
- Grinding device. E. F. Lawhorn and S. R. Brenaman. 2,001,497; May 14.
- Grinding device for revolving cutters. R. D. MacDonald. 2,005,551; June 18.
- Grinding machine. W. D. Archea. 1,998,603; Apr. 23.
- Grinding machine. M. H. Arms. 2,013,122; Sept. 3.
- Grinding machine. S. E. Bergstrum, G. W. Binns, R. E. W. Harrison, and F. S. Haas. 1,993,822; Mar. 12.
- Grinding machine. G. W. Binns. 2,025,714; Dec. 31.
- Grinding machine. G. W. Binns and C. Booth. 1,991,724; Feb. 19.
- Grinding machine. H. L. Blood and A. P. Burns. 2,011,705; Aug. 20.
- Grinding machine. E. J. Bodey. 2,008,943; July 23.
- Grinding machine. C. Booth. 2,004,427; June 11.
- Grinding machine. C. Booth and F. S. Haas. 2,004,426; June 11.
- Grinding machine. C. Booth and A. Strom. 2,002,489; May 28.
- Grinding machine. G. A. Carlson. 2,000,216; May 7.
- Grinding machine. J. E. Caster. 2,010,347; Aug. 6.
- Grinding machine. R. E. Conover. 1,993,830; Mar. 12.
- Grinding machine. D. S. Eastwood. 2,002,224; May 21.
- Grinding machine. S. Einstein and C. Booth. 1,991,799; Feb. 19.
- Grinding machine. H. Ernst. 2,020,541; Nov. 12.
- Grinding machine. A. W. Foerster and C. Booth. 2,000,586; May 7.
- Grinding machine. W. F. Fraser. 2,018,847; Oct. 29.
- Grinding machine. F. E. Gardner. 2,007,967; July 16.
- Grinding machine. F. M. Gertiser. 2,024,283; Dec. 17.
- Grinding machine. O. L. Giffin. 1,998,755; Apr. 23.
- Grinding machine. F. S. Haas. 2,010,359; Aug. 6.
- Grinding machine. F. S. Haas. 2,020,547; Nov. 12.
- Grinding machine. F. S. Haas and R. L. Goetzel. 2,012,065; Aug. 20.
- Grinding machine. R. E. W. Harrison. 2,010,361; Aug. 6.
- Grinding machine. C. Herfurth. 1,993,840; Mar. 12.
- Grinding machine. C. Herfurth. 2,006,554; July 2.
- Grinding machine. C. J. Highberg. 2,003,713; June 4.
- Grinding machine. P. S. Jackson. 2,021,602; Nov. 19.
- Grinding machine. B. A. Kearns. 2,010,366; Aug. 6.
- Grinding machine. L. F. Nenninger. 1,991,953; Feb. 19.
- Grinding machine. L. F. Nenninger and F. S. Haas. 2,025,885; Dec. 31.
- Grinding machine. W. C. Osterholm. 2,000,667; May 7.
- Grinding machine. A. G. Plimmer. 1,991,771; Feb. 19.
- Grinding machine. A. G. Plimmer. 2,010,375; Aug. 6.
- Grinding machine. E. Ritz, Jr. 2,003,495; June 4.
- Grinding machine. E. G. Roehm. 2,000,614; May 7.
- Grinding machine. M. Romaine. 1,991,958; Feb. 19.
- Grinding machine. M. Romaine. 1,997,551; Apr. 9.
- Grinding machine. L. E. Ross. 2,021,024; Nov. 12.
- Grinding machine. C. B. Schafer. 1,986,537; Jan. 1.
- Grinding machine. C. Stevens. 1,996,842; Apr. 9.
- Grinding machine. F. J. Theler. 1,991,712; Feb. 19.
- Grinding machine. F. J. Theler. 2,006,724; July 2.
- Grinding machine. C. V. Walter. 2,020,709; Nov. 12.
- Grinding machine. G. F. Wilsey. 2,013,262; Sept. 3.
- Grinding machine, Automatic. H. Arter and W. F. Fraser. 2,003,269; May 28.
- Grinding machine, Caliper controlled. A. G. Belden and R. A. Cole. 2,003,334; June 4.
- Grinding machine, Centerless. H. H. Asbridge. 2,023,720; Dec. 10.
- Grinding machine, Centerless. A. H. Lloyd. 2,010,730; Aug. 6.
- Grinding machine, Centerless cylindrical. H. Becker. 2,016,478; Oct. 8.
- Grinding machine, Duplex. J. and S. W. Bath. 2,021,535; Nov. 19.

- Grinding machine feeding mechanism. H. A. Silven. 2,023,704; Dec. 10.
- Grinding machine for railway tracks. H. H. Talboys. 1,994,151-2; Mar. 12.
- Grinding machine guide block. J. Sunnen. 2,002,649; May 28.
- Grinding machine, Hydraulically operated. C. G. Flygare and W. H. Wood. 2,022,542; Nov. 26.
- Grinding machine, Internal. H. H. Asbridge. 2,005,331-2; June 18.
- Grinding machine, Portable. A. W. Mall. 1,897,837; Jan. 15.
- Grinding machine, Portable. J. P. McNeil. 2,023,335; Dec. 3.
- Grinding machine, Two slide automatic. C. T. Raule. 1,997,978; Apr. 16.
- Grinding machinery. F. S. Haas. 2,006,570; July 2.
- Grinding machinery. L. F. Nenninger. 2,002,921; May 28.
- Grinding machinery. W. Peaslee and F. S. Haas. 1,999,778; Apr. 30.
- Grinding machinery. W. Peaslee and L. F. Nenninger. 2,000,608; May 7.
- Grinding machinery, Meat. O. C. Schmidt. 2,006,318; June 25.
- Grinding mill. E. G. Bailey, P. R. Cassidy and R. M. Hardgrove. 2,012,265-6; Aug. 27.
- Grinding mill. J. M. Byers and D. T. Swavely. 1,989,586; Jan. 29.
- Grinding mill. E. Gerasch. 2,013,179; Sept. 3.
- Grinding mill. J. L. and J. C. Kopf. 2,019,013; Oct. 29.
- Grinding mill. A. Larsen. 2,019,454; Oct. 29.
- Grinding mill. W. P. Martin. 2,004,704; June 11.
- Grinding mill. A. M. Read. 1,986,530; Jan. 1.
- Grinding mill. J. P. Wales. 2,014,640; Sept. 17.
- Grinding mill, Roll and bar. A. Sonsthagen. 2,024,073; Dec. 10.
- Grinding mill with divided feed. E. G. Bailey, P. R. Cassidy, and R. M. Hardgrove. 2,012,783; Aug. 27.
- Grinding of hard material surfaces, Effecting by pressure the face. G. F. Brendel. 2,023,572; Dec. 10.
- Grinding on circular grinding machines, Device for spherical. J. Grundstein. 2,003,883; June 4.
- Grinding or polishing machine. C. E. Evans. 1,988,649; Jan. 22.
- Grinding tool. F. Glassford. 1,995,027; Mar. 19.
- Grinding tool, Fluid operated. H. V. Lovgren. 1,991,764; Feb. 19.
- Grinding wheel. A. O. Bush and R. H. Martin. 2,006,308; June 25.
- Grinding wheel feeding mechanism. A. G. Belden and H. A. Silven. 2,022,646; Dec. 3.
- Grinding wheel for bristles. W. S. Elliot. 2,017,487; Oct. 15.
- Grinding wheel, Multiple unit. H. W. H. Beth. 1,990,927; Feb. 12.
- Grinding wheels, Device for dressing. H. Hallam. 1,995,304; Mar. 26.
- Grindstone. W. H. McGill. 2,000,772; May 7.
- Grind-stones for pulp grinding, Manufacture of artificial. R. C. Benner. 2,017,228; Oct. 15.
- Grip finder for golf clubs. A. D. Holden, R. H. McCracken, and T. A. Peirce. 1,997,364; Apr. 9.
- Grip for handles. G. E. Gagnier. 2,002,535; May 28.
- Grip lock. B. Thal. 2,006,525; July 2.
- Grip ring. J. L. Hiss. 1,988,595; Jan. 22.
- Grip strap. H. H. Rubin. 2,003,514; June 4.
- Grip strap. H. H. Rubin and M. M. Balsam. 2,003,515; June 4.
- Gripper, Fabric. H. C. Aberle. 1,992,850; Feb. 26.
- Gripper for printing presses, Combination. S. Meckler. 2,014,975; Sept. 17.
- Gripper mechanism. W. K. Eckhard. 2,002,853; May 28.
- Gripper, Paper can. L. L. Berkowitz. 1,988,107; Jan. 15.
- Gripping device. W. Qualey. 2,023,975; Dec. 10.
- Grit removal apparatus. F. A. Downes. 2,006,825; July 2.
- Grit removal apparatus. W. C. Weber. 1,997,161; Apr. 9.
- Grit separator. C. H. Nordell. 2,020,617; Nov. 12.
- Grooving device. W. F. Errig and G. M. Pfundt. 2,015,635; Sept. 24.
- Grooving device for operating on shoes. W. L. Wilson. 2,011,668; Aug. 20.
- Grooving machine. R. A. Dunnam. 2,000,129; May 7.
- Grooving detecting apparatus. G. W. Baughman. 2,010,840; Aug. 13.
- Ground detecting arrangement. R. C. Corderman. 2,022,758; Dec. 3.
- Ground detecting apparatus. B. E. O'Hagan. 1,994,589; Mar. 19.
- Ground rod. W. J. McIlvane. 2,004,999; Jan. 18.
- Ground rod clip. W. G. Milne. 1,986,642; Jan. 1.
- Ground surface, Artificial. E. Burton. 2,023,307; Dec. 3.
- Groting by chemical means. L. R. Jorgensen. 2,025,948; Dec. 31.
- Grouting plug. E. P. Halliburton. 2,005,367; June 18.
- Guaiacol compounds and the production thereof. S. Rosenzweig. 2,023,551; Dec. 10.
- Guard. N. H. Bradley. 2,000,212; May 7.
- Guard. G. R. Wooten. 2,004,026; June 4.
- Guard, Acid. H. R. Peterson. 2,013,219; Sept. 3.
- Guard and assistant, Finger safety. A. A. Kauzor. 2,015,186; Sept. 24.
- Guard and check, Check opening. B. D. Weller. 2,004,357; June 11.
- Guard and lock, Window. L. S. Adams. 1,989,392; Jan. 29.
- Guard and support for jointer fences, Combination. H. E. Tautz. 2,009,304; July 23.
- Guard, Arcing. J. T. Lusignan, Jr. 2,022,863; Dec. 3.
- Guard, Automatic hood. W. D. Drummond. 2,010,851; Aug. 13.
- Guard, Bank cashier's. J. M. Cordray. 2,007,744; July 9.
- Guard, Burn. J. F. Reynolds and F. C. Wilhelm. 2,002,715; May 28.
- Guard, Cattle. E. C. Rogers. 2,015,317; Sept. 24.
- Guard, Electric lamp. R. L. Grant, Jr. 1,999,006; Apr. 23.
- Guard, Edge. J. W. Trew. 2,005,402; June 18.
- Guard, Fence. F. F. Caplinger. 2,015,615; Sept. 24.
- Guard, Finger ring. W. Sokolof. 2,010,444; Aug. 6.
- Guard, Flangeway. J. W. Frazier. 1,996,574; Apr. 2.
- Guard, Football. J. P. Taylor. 2,013,794; Sept. 10.
- Guard for abrasive wheels, Safety. M. E. Lehmann. 2,011,108; Aug. 13.
- Guard for cooking utensils, Burner. H. Gross. 2,003,773; June 4.
- Guard for cutter bars of mowing machines and the like. J. R. MacCallum and T. H. Lyng. 2,010,639; Aug. 6.
- Guard for electric fans. O. M. Anderson and F. W. Juengst. 2,017,431; Oct. 15.
- Guard for fuel bottles. J. C. Stearns. 2,008,316; July 16.
- Guard for guy wires and the like. B. M. Smalley. 1,988,667; Jan. 22.
- Guard for motor wheel fenders, Splash. J. H. Cohen. 2,000,220; May 7.
- Guard for power operated machines. A. Laukhuff. 1,998,245; Apr. 16.
- Guard for shearing presses, Safety. H. A. Boyce. 2,002,257; May 21.
- Guard for shoes, Toe. R. O. Burchfield. 2,011,143; Aug. 13.
- Guard for swing frame grinders, Movable. M. Mason. 1,999,138; Apr. 23.
- Guard for well casing elevators, Handle. H. E. Grau. 2,025,047; Dec. 24.
- Guard for wringer rolls. A. C. Davis. 1,993,319; Mar. 5.
- Guard, Guy wire. W. N. Elliott. 1,995,503; Mar. 26.
- Guard, Guy wire. H. P. Seelye. 2,001,893; May 21.
- Guard, Hair waving. L. Robison and A. Weiszberg. 2,013,789; Sept. 10.
- Guard, Highway. F. R. McFarland. 1,989,763; Feb. 5.
- Guard, Highway road. R. B. Tufts. 2,009,364; July 23.
- Guard, Highway safety. D. McFadden and R. A. McFadden. 2,013,716; Sept. 10.
- Guard, Hook. J. H. Bird. 2,001,652; May 14.
- Guard, Infant's thumb or finger. L. M. Klohs. 1,990,384; Feb. 5.
- Guard, Lip. C. Swartz. 2,010,779; Aug. 6.
- Guard, Road. G. A. Gleason and A. P. Hayden. 2,024,998; Dec. 17.
- Guard, Saw. H. E. Tautz. 2,007,887; July 9.
- Guard, Shoulder. A. K. Snyder. 2,014,991; Sept. 17.
- Guard, Splash. R. Hoe. 2,014,734; Sept. 17.
- Guard, Splash. L. M. Littlefield. 1,993,067; Mar. 5.
- Guard system for tractor-trailer combinations. H. H. Robinson. 2,002,832; May 28.
- Guard, Thigh. A. L. Becket and M. B. Reach. 1,991,721; Feb. 19.
- Guard, Traffic. G. A. Gleason and A. P. Hayden. 2,005,418; June 18.
- Guard, Umbilical cord. S. S. Ginsburg. 2,013,269; Sept. 3.
- Guard, Universal punch press. E. O. Gaul. 2,011,047; Aug. 13.
- Guard, Wheel. L. E. Parker. 1,988,086; Jan. 15.
- Guide. W. H. Radford. 2,009,591; July 30.
- Guide. J. Statz. 2,017,378; Oct. 15.
- Guide arm, Adjustable. R. P. Baldwin. 1,988,934; Jan. 22.
- Guide block for engine cylinder grinding machines. J. Sunnen. 2,020,589; Nov. 12.
- Guide coupling. L. T. Watry. 1,997,880; Apr. 16.
- Guide flange for railway vehicles. P. M. Bourdon. 2,006,495; July 2.
- Guide for flush tank balls. W. F. Ruff. 1,990,207; Feb. 5.
- Guide for hand duplicators. P. H. Mason. 2,013,571; Sept. 3.
- Guide for rolling mills, Renewable. A. C. Brauer. 2,006,729; July 2.
- Guide for T-square. E. Baerwalde. 1,992,409; Feb. 26.
- Guide means for flush valves of closet tanks. R. O. Donnelly. 1,987,287; Jan. 8.
- Guide member for rock drills. W. A. Smith, Sr. 2,020,806; Nov. 12.
- Guide-roll. J. A. Ziegler. 2,008,318; July 16.
- Guide shell for rock drills. J. C. Curtis. 1,995,535; Mar. 26.
- Guide shell for rock drills. J. C. Curtis. 2,024,432; Dec. 17.
- Guide, Thread. R. Etzkorn. 2,012,906; Aug. 27.
- Guide vane and diaphragm construction for turbines. R. Birmann. 2,013,512; Sept. 3.
- Guide vane for rotary machines. M. Adamchik, also known as M. Adamchik, and G. Massera. 1,997,506; Apr. 9.
- Guideway. J. J. Morrison. 2,017,372; Oct. 15.
- Guiding action for various valves and slides for musical, brass, and other instruments. N. Einhorn. 2,003,995; June 4.

- Guiding device for the belts of the drawing mechanisms with endless belts. F. Casablanco, Jr. 1,989,347; Jan. 29.
- Guiding device for toy-motor cars and toy-cars. E. J. Lindberg. 1,996,546; Apr. 2.
- Guiding or spacing of yarns in warp form. J. Jabouley. 2,002,091; May 21.
- Guitar playing device. V. L. Marzullo. 2,006,998; July 2.
- Gum. T. J. Fairley. 1,986,051; Jan. 1.
- Gum and gum forming constituents from cracked petroleum distillates, Removing. S. M. Martin and W. A. Gruse. 2,002,902; May 28.
- Gum developer. J. Roemisch. 1,998,203; Apr. 16.
- Gum for fabric printing, Light colored. P. Kaplan. 1,990,330; Feb. 5.
- Gum formation in cracked gasoline, Preventing. D. W. Hoge. 2,011,556; Aug. 13.
- Gum inhibitor. A. L. Blount. 2,013,198; Sept. 3.
- Gum inhibitor for motor fuel. W. J. Bannister. 2,017,827; Oct. 15.
- Gum, Manufacture of chewing. A. Falk. 2,001,412; May 14.
- Gum receiver, Chewing. W. R. Duckett. 2,007,042; July 2.
- Gummed surfaces, Device for moistening. O. M. Gillner. 2,012,604; Aug. 27.
- Gummed tape moistening, ejecting, and severing device. C. F. Reed and W. C. Imhoff. 1,998,736; Apr. 23.
- Gumming appliance. R. W. McLean. 1,986,277; Jan. 1.
- Gums and product resulting therefrom, Treating natural. W. Krumhaar. 2,007,333; July 9.
- Gun. G. M. Barnes. 1,986,786; Jan. 8.
- Gun. D. A. Gurney and T. A. Conlon. 2,003,290; June 4.
- Gun. G. M. McCann and T. K. Vincent. 1,986,837; Jan. 8.
- Gun, Air pressure flushing. S. M. Mattich. 1,998,902; Apr. 23.
- Gun and the like, Oil-spray. G. S. Iskyan. 1,986,343; Jan. 1.
- Gun, Antiaircraft. W. W. Fergus. 2,014,762; Sept. 17.
- Gun, Automatic repeating. R. Laloux. 2,017,283; Oct. 15.
- Gun carriage. A. P. Buquor. 1,995,793; Mar. 26.
- Gun carriage. E. C. Goebert. 2,017,857; Oct. 22.
- Gun carriage, Split-trail. N. E. Methlin. 1,994,197; Mar. 12.
- Gun carriage, Wheeled. H. Herslach. 2,016,717; Oct. 8.
- Gun carriage, Wheeled. N. E. Methlin. 1,990,950-1; Feb. 12.
- Gun, Clay. A. F. Giese, Jr. 1,989,799; Feb. 5.
- Gun, Compressed air. I. D. Kelley, Jr., M. L. J. Lambert, and C. Latham. 2,021,603; Nov. 19.
- Gun, Compressed air. M. L. J. Lambert and C. Latham. 2,016,113; Oct. 1.
- Gun, Compressed air. W. Perreault. 2,006,577; July 2.
- Gun, Drenching. D. R. Dowling. 1,995,971; Mar. 26.
- Gun, Electromagnetic. J. and J. M. Rady and C. R. Winn. 1,897,912; Jan. 15.
- Gun fire control apparatus, Antiaircraft. J. P. Watson. 2,004,067; June 4.
- Gun fire, System of making observations and directing. W. H. Murphy. 1,990,494; Feb. 12.
- Gun for projecting finely divided noxious powder. J. Williams, Jr. 1,994,294; Mar. 12.
- Gun for the application of heavy asphalt fibered mastic, Pressure. R. E. Kelley. 1,989,696; Feb. 5.
- Gun, Gas. G. P. McManama and K. F. J. Kirsten. 2,001,207; May 14.
- Gun, Grease. S. G. Butler. 2,024,126; Dec. 10.
- Gun, Grease. S. M. Jonsson. 2,013,273; Sept. 3.
- Gun, Grease. S. J. Krannak. 2,026,046; Dec. 31.
- Gun, Grease. G. C. Smith. 2,013,864; Sept. 10.
- Gun, Hot fluid. F. L. Carswell and O. W. Schmidt. 2,021,955; Nov. 26.
- Gun, Laterally fed high pressure grease. E. B. Norman and G. A. Pettit. 1,987,748; Jan. 15.
- Gun, Machine. A. Bochnak. 2,024,125; Dec. 10.
- Gun, Machine. L. A. Carrillo. 2,004,925; June 18.
- Gun, Machine. A. J. Lahti. 1,987,939; Jan. 15.
- Gun, Machine. C. A. Larsson and P. R. Higson. 2,013,312; Sept. 3.
- Gun, Machine. C. E. Simpson. 1,994,489; Mar. 19.
- Gun mount. E. C. Goebert. 2,012,274; Aug. 27.
- Gun mount. T. J. Heavey. 1,986,818; Jan. 8.
- Gun mounting adapted to be divided into separate loads. H. Herslach. 1,995,982; Mar. 26.
- Gun, Mud. E. E. Brosius. 2,021,875; Nov. 19.
- Gun, Muzzle loading grease. S. J. Krannak. 2,004,664; June 11.
- Gun, Play. O. M. Bratrud. 2,024,506; Dec. 17.
- Gun, Repeating. C. E. Johnson. 2,006,642; July 2.
- Gun reservoir, Spray. W. O. Gee, Jr. 2,004,574; June 11.
- Gun, Rubber band. A. S. Ross. 2,001,267; May 14.
- Gun sight. C. F. Lefever. 2,002,324; May 21.
- Gun sight. K. J. Lowe. 1,997,972; Apr. 16.
- Gun sight. K. J. Lowe. 2,005,866; June 25.
- Gun sight. A. L. Lowe. 2,007,019; July 2.
- Gun sight. W. C. Redfield. 2,010,893; Aug. 13.
- Gun sight. I. G. Wagner. 2,007,437; July 9.
- Gun sight, Interchangeable disk. W. C. Redfield. 1,989,245; Jan. 29.
- Gun sight, Long range aerial. A. W. Knisley. 1,989,697; Feb. 5.
- Gun sights, Mechanism for angular adjustment of. G. Charvet. 2,006,262; June 25.
- Gun, Spray. F. Wahlin. 2,004,303; June 11.
- Guns mounted on unstable platforms, Apparatus for use in the fire control of. J. P. Watson. 2,021,708; Nov. 19.
- Guns, Muzzle brake for. G. M. Barnes. 1,994,458; Mar. 19.
- Gutta percha, Treating. J. H. Ingmanson and G. S. Mueller. 2,002,204; May 21.
- Gutter for came, Detachable. B. Bowden. 1,999,861; Apr. 30.
- Gutter hanger. H. B. Feltman. 2,004,861; June 11.
- Gutter hanger. H. B. Feltman. 2,024,348; Dec. 17.
- Gutter hanger. C. A. Meunier. 1,992,758; Feb. 26.
- Gutter hanger. H. E. Usinger. 1,997,663; Apr. 16.
- Gutter miter. H. E. Usinger. 1,986,383; Jan. 1.
- Gutter, Turpentine. C. A. Tompkins. 2,025,792; Dec. 31.
- Guy insulating and grading means. E. C. Vrooman. 2,003,225; May 28.
- Guy wire protector. C. J. Lemont. 1,996,871; Apr. 9.
- Gynecological instrument. R. A. Bachmann. 2,008,380; July 16.
- Gypsum plaster and manufacturing same. J. G. Gustafson. 2,002,176; May 21.
- Gypsum products, Making formed. G. M. Turner. 2,007,315; July 9.
- Gypsum products, Producing. J. C. Best and F. L. Marsh. 1,993,238; Mar. 5.
- Gypsum slab and manufacturing same. C. K. Roos. 2,007,133; July 2.
- Gypsum stucco. G. A. New. 2,009,146; July 23.
- Gyro compass. B. A. Wittkuhn and H. H. Thompson. 1,998,948; Apr. 23.
- Gyrocompass. G. R. Barker. 2,024,621; Dec. 17.
- Gyroplane. E. B. Wilford. 2,025,561; Dec. 24.
- Gyroscope and gyroscopic compass. R. E. Gillmor. 1,986,807; Jan. 8.
- Gyroscope, Directional. M. F. Bates. 2,015,650; Oct. 1.
- Gyroscope, Directional. L. F. Carter and D. C. Dundon. 2,025,194; Dec. 24.
- Gyroscopic indicator for use with air and other craft. G. H. Reid. 2,001,038; May 14.
- Gyroscopic position indicator. L. R. McDonald. 1,987,483; Jan. 8.
- Gyroscopic turn indicator. G. H. Reid. 2,006,112; June 25.
- Gyrostact. G. Brouhiet. 2,025,640; Dec. 24.
- Gyrovertical. F. C. Narvesen and M. F. Bates. 2,018,735; Oct. 29.
- Gyve. F. C. Nagle. 2,006,743; July 2.
- Hackmore. G. Miller. 2,025,469; Dec. 24.
- Hack-saw blades and the like, Apparatus for hardening. A. H. Evans and C. N. Fletcher. 1,988,869; Jan. 22.
- Hack saw frame. F. H. Kelley. 1,995,679; Mar. 26.
- Hack saw handle. F. J. Damon. 2,014,722; Sept. 17.
- Hair, Apparatus for and method of waving. L. Neyman. 1,993,680; Mar. 5.
- Hair, Apparatus for waving. H. Bonat. 1,987,280; Jan. 8.
- Hair band. B. M. Hodges. 1,991,982; Feb. 19.
- Hair clamp. J. E. Andrew. 2,024,498; Dec. 17.
- Hair clipper. L. J. Wahl. 2,025,137; Dec. 24.
- Hair clips, Manufacturing. A. B. Weissenborn. 1,988,822; Jan. 22.
- Hair curler. B. E. Beadle. 1,990,891; Feb. 12.
- Hair curler. N. Fulton. 1,991,147; Feb. 12.
- Hair curler. N. Fulton. 1,994,099; Mar. 12.
- Hair curler. A. Jackson. 2,014,283; Sept. 10.
- Hair curler. M. Kiessling. 2,024,771; Dec. 17.
- Hair curler. M. Kiessling. 2,024,798; Dec. 17.
- Hair curler. H. H. Klein. 1,989,991; Feb. 5.
- Hair curler. H. H. Klein. 2,004,760; June 11.
- Hair curler. R. Mussy. 2,005,662; June 18.
- Hair curler. J. Vecchio. 2,013,258; Sept. 3.
- Hair curler. C. E. Waltman. 1,993,905; Mar. 12.
- Hair curler. M. Wideman. 1,997,162; Apr. 9.
- Hair curling device. E. F. Lechler. 2,008,508; July 16.
- Hair curling device. E. F. Lechler. 2,013,183; Sept. 3.
- Hair curling device. G. J. Machtemes. 1,995,859; Mar. 26.
- Hair curling device. R. Pezzella. 2,000,496; May 7.
- Hair curling device. R. Pezzella. 2,004,249; June 11.
- Hair curling device. M. Urs. 2,013,591; Sept. 3.
- Hair curling instrument, Combination. D. E. Harmon. 2,001,904; May 21.
- Hair cutter, Motor driven. C. T. Caster. 2,025,972; Dec. 31.
- Hair cutting device. W. H. Onion. 1,994,865; Mar. 19.
- Hair, Device for curling. C. K. Thau. 2,015,166; Sept. 24.
- Hair, Device for winding. M. Katcher. 1,997,690; Apr. 16.
- Hairdressing device. J. Halloh. 2,005,187; June 18.
- Hair drier. S. Grant. 2,022,237; Nov. 26.
- Hair drier. R. Bishinger. 1,997,994; Apr. 16.
- Hair drier. F. M. Crook and E. Caster. 1,998,924; Apr. 23.
- Hair drier. S. A. Hamilton. 2,008,864; July 23.
- Hair drier. I. E. McElroy and R. Davis. 2,012,473; Aug. 27.
- Hair drier. P. Santurello. 2,003,610; June 4.
- Hair drier. E. F. Suter. 1,987,425; Jan. 8.
- Hair drier. F. J. Verdi. 2,016,915; Oct. 8.
- Hair drier. L. J. Wahl. 2,017,929; Oct. 22.
- Hair drier and liquid sprayer, Combination. L. M. Collins. 1,998,776; Apr. 23.
- Hair drier control. R. G. Leland. 1,998,198; Apr. 16.
- Hair drier, Plural jet. C. G. Gross. 2,023,883; Dec. 10.

- Hair drying apparatus. F. H. Augustus. 1,994,163; Mar. 12.
- Hair drying apparatus. N. V. Johnson, J. Barney Ordin, P. H. Ordin, and A. Sobinski. 1,998,159; Apr. 16.
- Hair drying apparatus. T. J. Moseley. 2,015,956; Oct. 1.
- Hair gripping fastener. W. H. Hermsdorf. 1,994,248; Mar. 12.
- Hair net. L. J. F. Morins. 2,022,922; Dec. 3.
- Hairpin. H. W. Hawkinson. 2,014,328; Sept. 10.
- Hairpin. J. McVicker. 1,996,588; Apr. 2.
- Hair, Process and apparatus for waving human. W. H. Bleuel and S. Steek. 2,009,993; Aug. 6.
- Hair pulling device. G. S. Uebelhart and J. E. McAllister. 2,025,006; Dec. 17.
- Hair remover. W. F. Steeg and R. L. Orwig. 2,010,332; Aug. 6.
- Hair shield. G. A. Hughes. 1,997,063; Apr. 9.
- Hair straightening device. A. L. Thomas and L. D. Ellis. 2,006,284; June 25.
- Hair straightening method. A. L. Thomas and L. D. Ellis. 1,986,689; Jan. 1.
- Hair thinning device. E. C. Matthes. 2,001,206; May 14.
- Hair thinning device. M. Udovich. 2,008,631; July 16.
- Hair-trigger mechanism for smallarms. R. von Frommer. 1,997,954; Apr. 16.
- Hair waver. V. F. Johnson. 1,994,611; Mar. 19.
- Hair waver. H. H. Thiemen. 1,995,369; Mar. 26.
- Hair waver and the like. B. M. Beskow. 2,014,164; Sept. 10.
- Hair waver rod, Expanding. F. Binder. 2,004,366; June 11.
- Hair waves, Device for forming. A. E. Farrell. 2,006,946; July 2.
- Hair waving. H. Stein, C. G. Gross, and W. S. Luci. 2,002,840; May 28.
- Hair, Waving. T. H. Zinn. 2,021,642; Nov. 19.
- Hair waving and curling apparatus, Combination permanent. S. J. Molchan and A. J. Schaeber. 1,988,953; Jan. 22.
- Hair waving apparatus. E. R. Boals. 2,001,238; May 14.
- Hair waving apparatus. W. H. H. Davis. 1,990,528; Feb. 12.
- Hair waving apparatus. W. H. H. Davis. 1,993,876; Mar. 12.
- Hair waving apparatus. M. S. Mabie. 2,001,915; May 21.
- Hair waving apparatus. P. H. Ordin. 2,025,303; Dec. 24.
- Hair waving apparatus. P. Santurello. 2,003,611; June 4.
- Hair waving appliance. B. M. Beskow. 2,002,487; May 28.
- Hair waving clamp. A. Mazzola. 2,014,579; Sept. 17.
- Hair waving clamp. B. A. Sterling. 1,991,635; Feb. 19.
- Hair-waving device. R. F. Jancke. 1,990,547; Feb. 12.
- Hair waving device. F. R. Marcel. 2,019,151; Oct. 29.
- Hair waving device. H. M. Powell. 1,989,023; Jan. 22.
- Hair waving device. M. Serre. 2,026,364; Dec. 31.
- Hair waving device. R. B. Seward. 1,995,688; Mar. 26.
- Hair waving device. E. L. Smith. 2,003,811; June 4.
- Hair waving device. H. M. Wells. 1,989,470; Jan. 29.
- Hair waving device, Permanent. W. H. Cooper. 2,005,288; June 18.
- Hair waving heater. E. O. Frederics. 1,998,229; Apr. 16.
- Hair waving heater. T. I. Moseley. 1,992,388; Feb. 26.
- Hair waving method. P. R. Steinbach. 2,002,989; May 28.
- Hair waving pad. R. L. Evans. 2,020,826; Nov. 12.
- Hair waving pad. F. Hauser. 2,018,127; Oct. 22.
- Hair waving protector. W. H. H. Davis. 1,992,357; Feb. 26.
- Hair winding device. M. Arnold. 1,992,281; Feb. 26.
- Hair winding device. M. R. Bell. 2,003,280; June 4.
- Half-sole or heel lift and forming same. R. Mitchell. 2,012,172; Aug. 20.
- Halides, Dehalogenation of organic. H. R. Arnold and W. A. Lazier. 2,025,032; Dec. 24.
- Halides, Organic. H. W. Daudt. 2,016,075; Oct. 1.
- Halo-fluoro derivative of aliphatic hydrocarbons, Manufacture of. T. Midgley, Jr., A. L. Henne, and R. R. McNary. 2,007,208; July 9.
- Halogen alkenyl phenols and manufacture thereof. S. Deichsel. 2,002,447; May 21.
- Halogen-containing solutions, Purification of. H. E. Bierbaum. 2,002,654; May 28.
- Halogen derivatives of aliphatic acids. S. L. Bass. 2,010,685; Aug. 6.
- Halogen derivatives of caoutchouc and preparing same. Stable. G. Balle and F. Grom. 2,022,614; Nov. 26.
- Halogenated composition. F. M. Clark and W. M. Kutz. 1,998,309; Apr. 16.
- Halogenated derivatives of thiazole and preparing the same. T. B. Johnson. 2,014,498; Sept. 17.
- Halogenated ethane derivatives containing fluorine, Production of. H. W. Daudt and M. A. Youker. 2,005,708; June 18.
- Halogenation process. R. M. Deanesly. 1,991,600; Feb. 19.
- Halogens, Testing for. T. Midgley, Jr. 1,990,706; Feb. 12.
- Halohydrins, Process and product relating to. C. T. Kautter. 2,007,168; July 9.
- Ham, Device for making rolls of sliced. F. Backenecker. 1,987,318; Jan. 8.
- Hamburger-steak mold. A. D. Leone. 2,021,794; Nov. 19.
- Hammer. M. L. Crandall. 2,001,868; May 21.
- Hammer. A. J. and E. J. Richardson. 2,018,573; Oct. 22.
- Hammer. S. S. Vaughan. 1,991,433; Feb. 19.
- Hammer and anvil with equilibrated momenta, Synchronized. C. W. Chamberlain. 2,020,933; Nov. 12.
- Hammer, Board drop. M. S. Reed. 2,009,150-1; July 23.
- Hammer construction, Power. R. P. Fitzgerald. 1,990,479; Feb. 12.
- Hammer, Drop. R. P. Fitzgerald. 1,990,478; Feb. 12.
- Hammer, Drop. B. H. Urschel. 1,995,441; Mar. 26.
- Hammer, Electric. E. W. Badcon. 2,002,762; May 28.
- Hammer for crushing machinery. J. E. Stine. 2,019,514; Nov. 5.
- Hammer for grinding mills, Sectional. J. C. Taylor, Jr., and C. B. Andrews. 1,997,553; Apr. 9.
- Hammer, Internal combustion. J. A. Mould. 1,997,072; Apr. 9.
- Hammer, Mechanical. F. B. Miller. 2,017,470; Oct. 15.
- Hammer mill. E. L. Bartels. 2,012,416; Aug. 27.
- Hammer mill. M. N. Dressel. 2,013,378; Sept. 3.
- Hammer mill. R. L. Sherman. 2,008,841; July 23.
- Hammer, Motor-driven. K. A. R. Erfass. 2,024,684; Dec. 17.
- Hammer, Multiple. C. J. Endsley. 1,995,504; Mar. 26.
- Hammer, Pile. O. Peterson. 2,012,828; Aug. 27.
- Hammer, Portable power. J. N. Baker. 2,013,296; Sept. 3.
- Hammer, Portable power. J. H. Blake. 2,006,065; June 25.
- Hammer, Power. C. V. Adams. 2,000,908; May 14.
- Hammer, Power. C. V. Adams. 2,004,180; June 11.
- Hammer, Power. C. B. Coates. 2,020,018; Nov. 5.
- Hammer, Power. R. P. Martin. 2,022,546; Nov. 26.
- Hammer, Power. J. Sack. 2,007,307; July 9.
- Hammer, Pulverizer. J. W. Armour. 2,015,581; Sept. 24.
- Hammering machine. W. Gleissner. 1,997,548; Apr. 9.
- Hammock. G. A. Johnson. 2,014,651; Sept. 17.
- Hamper. W. J. McElmoyl. 2,013,782; Sept. 10.
- Hand, Artificial. D. W. Dorrance. 2,010,751; Aug. 6.
- Hand bag. L. Amsterdam. 2,019,035; Oct. 29.
- Hand bag. T. S. Cart. 2,024,758; Dec. 17.
- Hand bag. W. C. Hering. 2,001,307; May 14.
- Hand bag. D. Karron. 1,996,337; Apr. 2.
- Hand bag. H. I. Kenler. 2,002,949; May 28.
- Hand bag. G. Kruse. 2,005,791; June 25.
- Hand bag. M. L. Lindy. 2,017,415; Oct. 15.
- Hand-bag. W. S. Luckett. 1,991,165; Feb. 12.
- Hand bag. H. S. Mayer. 1,994,827; Mar. 19.
- Hand bag. A. Walitzky. 2,009,077; July 23.
- Hand bag. H. B. Welch. 1,998,798; Apr. 23.
- Handbag and reversible cover therefor. M. H. Resnick. 2,000,538; May 7.
- Hand bag, Child's novelty. M. Tannenbaum. 2,012,858; Aug. 27.
- Hand-bag construction. J. Ferrara. 2,015,888; Oct. 1.
- Hand bag cover, Washable. R. Iobell. 1,994,001; Mar. 12.
- Hand bag frame. J. Schoenfeld. 1,986,164; Jan. 1.
- Handbag, Lady's. A. Anish. 1,990,360; Feb. 5.
- Hand bag, Overnight or bathing. C. Marks. 1,999,064; Apr. 23.
- Hand bag, Reversible body. A. Banner. 1,994,746; Mar. 19.
- Handbag, Reversible framed. A. Landis. 2,016,551; Oct. 8.
- Hand brake. S. B. Haseltine. 2,000,078; May 7.
- Hand brake. J. E. Lindeman. 1,994,657; Mar. 19.
- Hand brake. J. F. O'Connor. 1,993,977; Mar. 12.
- Hand case. K. A. Freling. 2,018,551; Oct. 22.
- Hand grenade. D. G. Williams. 2,023,158; Dec. 3.
- Handgrips for golf clubs and the like. J. M. Oldham. 2,000,295; May 7.
- Handhold for bathtubs. J. R. Francis. 1,998,987; Apr. 23.
- Handkerchief and method, Tissue. K. Wandel. 2,020,668; Nov. 12.
- Hand lamp. H. F. Nygard. 1,986,281; Jan. 1.
- Hand lamp. R. B. Van Sickle. 1,987,169; Jan. 8.
- Hand lamp. J. S. Zook. 1,986,242; Jan. 1.
- Hand loom. H. G. Reber. 1,999,478; Apr. 30.
- Hand press. J. Frommherz. 2,006,889; July 2.
- Hand protector. K. E. Jensen. 2,001,961; May 21.
- Hand setting device. H. Y. Henning. 2,025,239; Dec. 24.
- Hand strap. L. M. Clark. 1,999,958; Apr. 30.
- Hand tool. F. J. Clemens. 2,001,707; May 21.
- Hand tool. C. M. Kimball. 1,995,887; Mar. 26.
- Hand tool. H. Steinbart, F. Kratz, and E. Baumgratz. 1,990,053; Feb. 5.
- Handle: See—
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| Casket handle. | Knife handle. |
| Cup handle. | Latch handle. |
| Detachable handle. | Lug box handle. |
| Disappearing handle. | Receptacle handle. |
| Door handle. | Saw handle. |
| Fishing rod handle. | Scouring pad handle. |
| Flexible fan handle. | Tool handle. |
| Hook saw handle. | Valve handle. |
- Handle. I. S. Keeler. 1,989,420; Jan. 29.
- Handle. R. M. Koch. 2,006,679; July 2.
- Handle. T. G. Lindsey. 2,018,895; Oct. 29.
- Handle. F. W. Mabry. 2,019,426; Oct. 29.
- Handle. R. W. Poyer. 2,023,098; Dec. 3.
- Handle. W. A. Ready. 2,004,538; June 11.
- Handle. I. L. Wolkow. 2,022,449; Nov. 26.
- Handle and making same, Knife. R. D. Brown. 1,998,356; Apr. 16.
- Handle assembly. S. DeOrlow. 2,017,530; Oct. 15.
- Handle assembly for valves or the like. M. J. Cohan. 2,023,951; Dec. 10.

- Handle attachment for liquid or powder-containing cans. J. A. Berchule. 2,005,528; June 18.
- Handle bar. B. J. Anderson. 2,004,089; June 11.
- Handlebar post for bicycles. G. W. Clark. 1,994,303; Mar. 12.
- Handle connection for implements. F. L. Ingling. 2,013,963; Sept. 10.
- Handle construction for baskets. H. M. Kleckhefer and W. R. Dock. 2,002,013; May 21.
- Handle fastening device. F. M. Spezzano. 2,005,353; June 18.
- Handle for cans. L. L. Bassett. 2,006,293; June 25.
- Handle for carrying parcels. J. Janowitz. 2,021,787; Nov. 19.
- Handle for cautery instrument. W. A. Arnesen. 1,988,293; Jan. 15.
- Handle for control levers, Extension. R. S. Martin. 2,023,141; Dec. 3.
- Handle for cups and the like, Collapsible. L. E. La Bombard. 1,999,878; Apr. 30.
- Handle for fishing rods, Reel clamping. J. S. Burdick. 1,994,449; Mar. 12.
- Handle for kitchen ware, Universal. W. H. Worden. 1,991,307; Feb. 12.
- Handle for mattresses, box springs and cushions. M. Bechik. 2,011,747; Aug. 20.
- Handle for portfolios and the like. J. B. Freysinger. 2,009,192; July 23.
- Handle for rattles, Flexible. A. Zadek and I. E. Cohn. 2,004,265; June 11.
- Handle for receptacle covers. H. P. McMillan. 1,990,705; Feb. 12.
- Handle for receptacle covers, Adjustable. H. P. McMillan. 1,999,141; Apr. 23.
- Handle for spindles, Detachable. F. J. and R. H. Dahnken. 1,989,083; Jan. 29.
- Handle for shipping boxes. A. L. Lamp. 2,023,328; Dec. 3.
- Handle for storage batteries. C. G. Reetz. 1,993,682; Mar. 5.
- Handle for storage battery case. P. E. Barkhausen and C. H. King. 2,025,149; Dec. 24.
- Handle for vacuum cleaners. G. W. Allen and L. B. Salt. 2,021,977; Nov. 26.
- Handle grip. J. G. Bowden. 2,003,917; June 4.
- Handle protector. E. P. Seghers. 1,988,751; Jan. 22.
- Handler, Patient. F. Bramlett. 2,014,244; Sept. 10.
- Handles, Resilient attachment for. J. L. Potter. 2,018,923; Oct. 29.
- Handling mechanism for individual elements. C. L. Brackett. 1,993,474; Mar. 5.
- Hangar. C. J. Carloti. 1,988,187; Jan. 15.
- Hanger: See—
- Bathub hanger. Flexible hanger.
 - Beam hanger. Garment hanger.
 - Book hanger. Gate hanger.
 - Brake beam safety hanger. Gutter hanger.
 - Cable hanger. Locking garment hanger.
 - Clothes hanger. Outlet box hanger.
 - Coat hanger. Pants hanger.
 - Coat and hat hanger. Tobacco hanger.
 - Curtain hanger. Trouser hanger.
 - Door hanger. Trousers hanger.
 - Expanded hanger. Well tubing hanger.
 - Fixture hanger. Window and screen hanger.
 - Flash light hanger. Window hanger.
- Hanger. H. Horwitz. 1,988,276; Jan. 15.
- Hanger. O. H. Olson. 1,994,782; Mar. 19.
- Hanger. C. E. Sharpe. 2,006,033; June 25.
- Hanger. J. H. Tait and H. W. MacLeod. 2,011,127; Aug. 13.
- Hanger. A. Waterman. 2,010,572; Aug. 6.
- Hanger and stretcher, Combination garment. V. Bivona. 2,021,829; Nov. 19.
- Hanger attachment, Garment. H. Kolitz. 2,019,572; Nov. 5.
- Hanger device for storm windows. P. Vanden Brande. 2,002,169; May 21.
- Hanger for automobiles. K. J. Tobin. 2,000,306; May 7.
- Hanger for books. J. K. Bolton and G. H. Zieschang. 1,986,790; Jan. 8.
- Hanger for cables of overhead lines. F. Hager. 2,004,695; June 11.
- Hanger for screw conveyers. A. F. Hutchinson. 2,021,363; Nov. 19.
- Hanger for supporting towels, cloths, and other articles. M. R. Conigrave. 2,002,566; May 28.
- Hanger mechanism. O. U. Zerk. 1,992,981; Mar. 5.
- Hangers, Attachment for garment. S. Zetlin. 1,987,174; Jan. 8.
- Hardness tester. R. E. Frickey. 2,001,097; May 14.
- Hardness testing apparatus. J. Gogan. 2,009,314-15; July 23.
- Hardware, Builder's. E. H. Johnson. 1,986,677; Jan. 1.
- Hardware, Drapery. A. A. Allen. 1,989,257; Jan. 29.
- Hardware for sashes and the like, Supporting and adjusting. S. Madsen. 2,017,543; Oct. 15.
- Hardware, Insulator suspension. M. F. H. Gouverneur. 1,998,406; Apr. 16.
- Hardware package. K. B. Mason. 2,012,615; Aug. 27.
- Harmonic control for recording and reproducing sound. J. H. Hammond, Jr. 2,008,708; July 23.
- Harmonic suppression means for space discharge apparatus circuits. J. J. Smith. 2,008,519; July 16.
- Harmonica. W. R. Steele. 2,005,443; June 18.
- Harmonica. H. F. Wills. 1,990,851; Feb. 12.
- Harmonica with tone controls, Chromatic. B. Minevitch. 2,000,408; May 7.
- Harmonics in amplifiers, Reduction of. R. A. Braden. 1,990,062; Feb. 5.
- Harness, Dog. J. Gyulay. 2,026,383; Dec. 31.
- Harness for cross weaving. J. J. Kaufmann. 1,989,055-6; Jan. 22.
- Harness for quick attachable chest packs. S. Switlik. 2,014,344; Sept. 10.
- Harness, Parachute. S. O. C. Kuhlemann. 2,011,520; Aug. 13.
- Harrow. A. S. Bevin. 2,002,255; May 21.
- Harrow. E. L. Lancaster. 2,001,254; May 14.
- Harrow. M. Teel. 2,019,369; Oct. 29.
- Harrow and cultivator, Universal. M. C. Hammock. 2,023,049; Dec. 3.
- Harrow, Rotary self-cleaning. E. J. Smith. 2,020,620; Nov. 12.
- Harrow, Spring tooth. A. W. Reynolds. 2,000,097; May 7.
- Harrow tooth control. C. Stuesser. 2,021,617; Nov. 19.
- Harrow with right and left turning mechanism, Disk. S. S. Furrer. 2,005,225; June 18.
- Harrow, Zigzag. C. M. Millican. 2,011,687; Aug. 20.
- Harvester. W. J. Coultas and N. F. Andrews. 2,004,720; June 11.
- Harvester. F. T. Court. 2,001,078; May 14.
- Harvester. H. D. Hume and J. E. Love. 1,996,294; Apr. 2.
- Harvester. F. A. Thomann. 2,001,077; May 14.
- Harvester. F. A. Thomann. 2,004,713; June 11.
- Harvester. A. B. Welty. 2,015,575; Sept. 24.
- Harvester, Bean. F. W. Gilliland. 1,996,239; Apr. 2.
- Harvester, Beet. H. C. Rassmann. 1,989,152; Jan. 29.
- Harvester, Corn. W. J. Coultas. 1,997,630; Apr. 16.
- Harvester, Cotton. B. R. Benjamin. 2,011,924; Aug. 20.
- Harvester, Cotton. F. T. Court. 2,001,079; May 14.
- Harvester, Ensilage. A. Kowalsky. 2,017,758; Oct. 15.
- Harvester, Onion set. C. B. Robinson. 2,018,575; Oct. 22.
- Harvester, Potato. H. G. Daniels. 1,986,715; Jan. 1.
- Harvester, Potato. W. C. Dwyer and L. E. Smith. 2,015,549; Sept. 24.
- Harvester reel. H. D. Hume and J. E. Love. 2,024,735; Dec. 17.
- Harvester reel. K. Wiessell. 2,009,912; July 30.
- Harvester thresher. E. A. Johnston, C. R. Rancey, and L. P. Millard. 1,996,246; Apr. 2.
- Harvester thresher. A. C. Lindgren. 2,010,096; Aug. 6.
- Harvester thresher. L. P. Millard. 1,996,251; Apr. 2.
- Harvester thresher. A. B. Welty. 2,010,120; Aug. 6.
- Harvester, Tobacco. H. I. Richards. 1,999,638; Apr. 30.
- Harvester, Vegetable. G. Galtus. 2,007,161; July 9.
- Harvesting apparatus, Potato. L. Stoltenberg. 2,010,335; Aug. 6.
- Harvesting machine. P. C. Dahl. 1,992,652; Feb. 26.
- Hasp latch. A. T. Long. 2,021,561; Nov. 19.
- Hasp lock. H. M. Borden. 1,988,185; Jan. 15.
- Hasp-type fastener. L. A. Bittorf. 1,992,734; Feb. 26.
- Hat. P. Jacobson. 2,020,259; Nov. 5.
- Hat. W. Katz. 2,020,191; Nov. 5.
- Hat. F. H. Lee. 2,018,614; Oct. 22.
- Hat. E. Parlow. 1,996,254; Apr. 2.
- Hat. J. N. Wolf. 2,010,503; Aug. 6.
- Hat and cloak rack, Combination revolving. U. Cochran. 1,992,858; Feb. 26.
- Hat and shopping bag, Combined. E. R. Woodside. 2,007,235; July 9.
- Hat brim. A. Uriwal. 1,997,708; Apr. 16.
- Hat brim flanging machine. P. Schultze. 2,014,210; Sept. 10.
- Hat brim ironing machine. P. Schultze. 2,014,209; Sept. 10.
- Hat brim ironing machine. R. G. Segsneider. 2,018,326; Oct. 22.
- Hat brim protector. J. H. Marshall. 2,006,245; June 25.
- Hat cleaning device. H. Schlesinger. 2,005,327; June 18.
- Hat cone. H. A. Berger. 1,991,312; Feb. 12.
- Hat construction. R. K. Reynolds. 2,003,955; June 4.
- Hat, Helmet. A. Uriwal. 2,007,821; July 9.
- Hat holder. L. Didge. 1,992,359; Feb. 26.
- Hat holder. F. Switzer. 1,985,961; Jan. 1.
- Hat holder. J. C. Van Aken. 2,003,659; June 4.
- Hat horn. A. C. Mullendore. 1,999,252; Apr. 30.
- Hat, Imitation Bangkok. A. Langella. 2,026,392; Dec. 31.
- Hat ironing machine. K. Couyoumjian. 2,006,264; June 25.
- Hat ironing machine. H. Schlesinger. 1,986,364; Jan. 1.
- Hat mold. H. J. Del Monica. 1,986,141; Jan. 1.
- Hat press, Hydraulic. M. A. Schwartz. 2,006,371; July 2.
- Hatrack. J. R. Lentz. 2,017,252; Oct. 15.
- Hat rest. L. Cohen. 1,993,399; Mar. 5.
- Hat rest. L. Cohen. 2,012,498; Aug. 27.
- Hat, Straw helmet. A. Uriwal. 1,991,829; Feb. 19.
- Hat structure. A. Katz. 1,995,986; Mar. 26.
- Hat support. E. R. Caruso. 1,995,961; Mar. 26.
- Hat sweat band. J. F. Duerr. 2,015,004; Sept. 17.
- Hat, Ventilated. E. M. Bitter. 1,990,061; Feb. 5.
- Hat, Ventilated. A. Rothchild. 1,990,096; Feb. 5.
- Hat working machine. M. Cassé. 2,006,260; June 25.
- Hats and similar headgear, Device for preventing the soiling of. F. O. Wilson. 1,986,312; Jan. 1.
- Hats and the like, Decorating straw. A. Uriwal. 2,016,913; Oct. 8.

- Hats, Embossing. F. R. Kling. 1,993,673; Mar. 5.
Hats, Flanging. G. Cipriano. 1,991,921; Feb. 19.
Hats, Manufacture of straw. O. Wiedeman. 2,010,285; Aug. 6.
Hatch construction. J. T. Cralley. 2,017,751; Oct. 15.
Hatch cover and plug manipulator, Automatic. W. L. Perkins. 1,994,402; Mar. 12.
Hatch cover operating means. F. A. Ecoff. 2,003,927; June 4.
Haulage mechanism. R. C. Osgood. 1,999,202; Apr. 30.
Hay, Apparatus for storage, curing, and preservation of. J. G. Shodron. 2,000,103; May 7.
Hay, Apparatus for the storage of. J. G. Shodron. 2,000,102; May 7.
Hay-carrier. W. Carter. 1,996,456; Apr. 2.
Hay gathering and baling apparatus. D. A. Rickel. 1,997,120; Apr. 9.
Hay, Method and apparatus for the storage of. F. J. Kreutzer. 1,994,654; Mar. 19.
Hay press. F. D. Jones. 1,988,497; Jan. 22.
Hay press feeder. W. V. Howard. 2,017,971; Oct. 22.
Head and spindle counterbalance. L. L. Schauer and A. M. Sosa. 2,022,437; Nov. 26.
Head block for air cooled internal combustion engines. C. S. Brown. 1,991,447; Feb. 19.
Headress. W. Sternberg. 2,019,028; Oct. 29.
Head for a velocipede. B. J. Anderson. 2,006,618; July 2.
Head for internal combustion engines, Welded. B. Loeffler. 2,021,942; Nov. 26.
Head for metal containers and sealing means therefor, Removable. L. B. Wackman. 1,994,374; Mar. 12.
Head for puncturing closure disks, Nonstalling self-energizing. S. E. Allen and O. N. Wiswell. 1,993,694; Mar. 5.
Headgear. H. Julich. 2,003,367; June 4.
Head-gear, Protective. C. W. Punton. 2,025,772; Dec. 31.
Headguard, Localized blow distributing football. J. P. Taylor. 1,997,187; Apr. 9.
Headlamp. R. N. Falge and C. E. Godley. 2,003,805; June 4.
Headlamp. R. N. Falge and C. E. Godley. 2,014,429; Sept. 17.
Head lamp. H. C. Folkert. 2,010,481; Aug. 6.
Head lamp. H. C. Mead and C. A. Michel. 1,987,697; Jan. 15.
Head lamp. T. G. Melish. 1,986,351; Jan. 1.
Head lamp. T. G. Melish. 2,021,563; Nov. 19.
Head lamp. T. G. Melish. 2,022,295; Nov. 26.
Head lamp. C. A. Michel. 2,011,868; Aug. 20.
Headlamp, Automobile. D. D. Waugh. 1,998,475; Apr. 23.
Headlamp installation, Nonmaladjustable. J. B. Ward well. 1,995,661; Mar. 26.
Headlamp testing device. S. F. Arbuckle. 2,003,797; June 4.
Headlamps incorporating glare-preventing devices. S. E. Talbot. 2,005,058; June 18.
Headlight. H. G. Aldinger. 2,024,084; Dec. 10.
Headlight. T. S. Barber. 2,006,125; June 25.
Headlight. P. J. Berry. 2,018,829; Oct. 29.
Headlight. J. Cathrill. 1,993,147; Mar. 5.
Headlight. H. J. Graham. 2,003,687; June 4.
Headlight. A. K. Johnson. 2,018,788; Oct. 29.
Headlight. H. C. Levy. 2,006,899; July 2.
Headlight. H. Nielsen. 1,988,391; Jan. 15.
Headlight. H. Nielsen. 2,006,248; June 25.
Headlight. J. F. Reynolds. 1,998,967; Apr. 23.
Headlight and band lamp, Combination. F. L. Humeston. 1,996,577; Apr. 2.
Headlight and horn. G. H. Fullerton. 1,987,396; Jan. 8.
Headlight and spotlight device for toy vehicles. A. C. Korte. 2,004,791; June 11.
Headlight attachment, Antiglare. G. A. Rice. 1,999,481; Apr. 30.
Headlight, Automobile. J. E. Cornwall. 2,001,378; May 14.
Headlight, Automobile. R. Harvell. 2,023,471; Dec. 10.
Headlight, Automobile. C. M. Rice. 2,004,831; June 11.
Headlight, Automotive. E. H. Hallman. 2,019,410; Oct. 29.
Headlight, Auxiliary. A. Levesque. 1,987,117; Jan. 8.
Headlight controlling device. W. F. Fraser. 2,016,243; Oct. 1.
Headlight dimmer. C. E. A. O'Loughlin. 1,990,666; Feb. 12.
Headlight dimmer, Automatic. A. Ronning. 1,999,527; Apr. 30.
Headlight dimming means. E. R. Boots. 2,008,347; July 16.
Headlight, Dirigible. J. F. Jacks. 2,018,307; Oct. 22.
Headlight for motor cars. D. R. Stocks. 2,020,164; Nov. 5.
Headlight for vehicles. E. Möller. 2,006,839; July 2.
Headlight for vehicles. H. N. Ott. 1,990,389; Feb. 5.
Headlight indicator. C. Edinger. 1,990,116; Feb. 5.
Headlight indicator, Automobile. M. D. Speer. 2,019,199; Oct. 29.
Headlight lamp. F. Mayo. 2,005,194; June 18.
Headlight or spotlight, Safety. J. T. Wade. 2,024,897; Dec. 17.
Headlight proving appliance. L. R. Harmon. 2,001,135; May 14.
Headlight rays, Deflecting. W. J. Kerr. 1,987,112; Jan. 8.
Headlight signal. W. H. Seymour. 2,000,258; May 7.
Headrest for motor vehicles. H. E. Pumphrey. 2,001,396; May 14.
Headrest for seat backs. H. E. Pumphrey. 2,020,573; Nov. 12.
Headrest for shampooing. S. Chancer. 2,013,823; Sept. 10.
Head size adjusting means for hats. F. B. Probst. 2,010,107; Aug. 6.
Headstock for machine tools. F. S. Haas and E. D. Vancil. 2,012,066; Aug. 20.
Headwear. C. E. Lewis. 1,988,248; Jan. 15.
Headwear. C. E. Lewis. 2,013,245; Sept. 3.
Headwear. E. Witteoff. 1,988,101; Jan. 15.
Headwear, Adjusting device for. A. I. Blum. 1,992,285; Feb. 26.
Headed pin. W. L. Kauffman. 2nd. 2,003,595; June 4.
Header, Grain. R. D. Cleavinger. 2,022,339; Nov. 26.
Header pick-up. L. H. Thoen. 1,990,054; Feb. 5.
Header slide. W. W. Criley. 2,005,222; June 18.
Header strip. C. A. Lilley. 2,011,450; Aug. 13.
Headers or return bends, Manufacture of. R. K. Hopkins. 2,007,649; July 9.
Heading device, Automatic. A. Boynton. 2,006,909; July 2.
Heading device, Automatic. A. Boynton. 2,010,135; Aug. 6.
Health promoting machine. W. J. Nelson. 2,004,671; June 11.
Hearing aid apparatus and amplifier. S. G. Taylor. 2,017,358; Oct. 15.
Hearing appliance. M. Iwasa. 2,012,877; Aug. 27.
Hearse. E. E. Hess and R. R. Smits. 1,995,640; Mar. 26.
Hearse, Turntable type side loading. W. T. Jacobs. 2,010,860; Aug. 13.
Hearse with floor extension. F. W. Harris. 2,007,425; July 9.
Hearses and other vehicles, Automatic leveling means for. E. and A. Richter. 1,990,798; Feb. 12.
Hearth, Ventilated. L. S. Chadwick. 2,011,847; Aug. 20.
Hearths, Apparatus for operating Scotch. H. R. MacMichael. 2,023,484; Dec. 10.
Heat absorbing device for the protection of stokers. J. A. Hoffman. 2,003,194; May 28.
Heat actuated and manually operated valve. G. M. Lesard. 2,008,961; July 23.
Heat, Apparatus for the distribution of. W. Dériaz. 2,004,857; June 11.
Heat circulator for motor vehicles. J. B. Brennan. 2,002,626; May 28.
Heat control, Automatic. E. D. Wilson. 1,994,904; Mar. 19.
Heat control for carburetors, Automatic. D. Firth. 1,998,497; Apr. 23.
Heat control method and apparatus. H. A. Dreffein. 2,008,007; July 16.
Heat control valve. S. W. Sparrow. 1,986,542; Jan. 1.
Heat derivative of China-wood oil. W. Nanfeldt. 1,998,768; Apr. 23.
Heat detector, Electrical conductor. W. E. Le Roy. 1,994,222; Mar. 12.
Heat dissipating fixture. V. L. Westberg. 2,007,489; July 9.
Heat distribution for buildings. C. B. Simoneau. 2,014,117; Sept. 10.
Heat economizer, Waste. P. W. Kaiser. 2,020,686; Nov. 12.
Heat exchange apparatus. F. W. Cattanaach. 1,987,051; Jan. 8.
Heat exchange apparatus. F. W. Cattanaach. 1,987,891; Jan. 15.
Heat exchange apparatus. C. Field. 2,005,733-4; June 25.
Heat exchange apparatus. J. S. Frazer. 2,016,422; Oct. 8.
Heat exchange apparatus. J. W. Harrison and R. C. Lasist. 1,987,934; Jan. 15.
Heat exchange apparatus. A. Hasselbach. 2,003,649; June 4.
Heat exchange apparatus. W. D. LaMont. 1,988,659; Jan. 22.
Heat exchange apparatus. C. H. Leach. 1,987,116; Jan. 8.
Heat exchange apparatus. C. H. Leach. 1,997,194; Apr. 9.
Heat exchange apparatus. C. H. Leach. 2,004,469; June 11.
Heat exchange apparatus. D. R. McNeal. 1,994,779; Mar. 19.
Heat exchange apparatus. J. A. Potter. 1,990,251; Feb. 5.
Heat exchange apparatus. C. Robinson. 1,989,772; Feb. 5.
Heat exchange apparatus. F. G. Slagel. 1,986,377; Jan. 1.
Heat-exchange apparatus. H. G. Ullman. 1,991,339; Feb. 12.
Heat exchange apparatus. W. T. Wells. 2,018,163; Oct. 22.
Heat exchange apparatus. F. C. W. Wilkinson. 2,000,653; May 7.
Heat exchange apparatus and mounting therefor. R. Seligman, W. E. Crosby, and H. F. Goodman. 2,015,819; Oct. 1.
Heat exchange apparatus, Fluid. J. F. Millar. 2,025,066; Dec. 24.
Heat exchange apparatus, Fluid. P. R. Yopp. 2,024,324; Dec. 17.

- Heat exchange, Apparatus for. W. C. Harpster. 2,006,200; June 25.
- Heat exchange apparatus for fluids, Surface. R. Seligman. 1,992,097; Feb. 19.
- Heat exchange apparatus made of sheet metal. C. F. Rosenblad. 2,011,201; Aug. 13.
- Heat exchange apparatus, Making. C. Steenstrup. 1,987,422; Jan. 8.
- Heat exchange apparatus. Tubular. H. A. Richard. 2,023,646; Dec. 10.
- Heat exchange between liquids, System and method of. L. L. Ransom. 2,006,512; July 2.
- Heat exchange device. C. T. Walter. 2,001,084-5; May 14.
- Heat exchange plant. W. G. Noack and P. M. Schatt-schneider. 1,997,229; Apr. 9.
- Heat exchange structure and a surrounding shell there-for, Tubular. H. P. Fesenmaier. 1,995,768; Mar. 26.
- Heat exchange system. R. E. Olson. 2,012,728; Aug. 27.
- Heat exchange unit. R. Mautsch. 1,989,996; Feb. 5.
- Heat exchanger. J. Benzinger. 2,004,390; June 11.
- Heat exchanger. W. J. Blanchard. 2,011,032; Aug. 13.
- Heat exchanger. F. H. Cornelius. 2,011,753; Aug. 20.
- Heat exchanger. G. Dalén and E. Björklund. 1,987,182; Jan. 8.
- Heat exchanger. C. Dornier. 2,001,186; May 14.
- Heat exchanger. J. B. Forbes. 2,021,856; Nov. 19.
- Heat exchanger. C. A. Harrison. 2,024,521; Dec. 17.
- Heat exchanger. D. P. Heath. 2,021,995; Nov. 26.
- Heat exchanger. A. F. Hoesel. 1,988,494; Jan. 22.
- Heat exchanger. A. F. Hoesel. 2,019,967; Nov. 5.
- Heat exchanger. T. H. Ireland. 2,021,009; Nov. 12.
- Heat exchanger. O. Jacobsen. 2,003,593; June 4.
- Heat exchanger. H. J. Kerr. 2,013,658; Sept. 10.
- Heat exchanger. F. E. Key. 2,011,640; Aug. 20.
- Heat exchanger. C. E. Lucke. 2,021,117; Nov. 12.
- Heat exchanger. H. Merta. 2,011,370; Aug. 13.
- Heat exchanger. E. Pick. 2,003,758; June 4.
- Heat exchanger. J. Price. 2,013,186-7; Sept. 3.
- Heat exchanger. J. Price and R. C. Jones. 2,004,391; June 11.
- Heat exchanger. R. B. Salley. 2,026,438; Dec. 31.
- Heat exchanger. W. Sangster. 1,991,631; Feb. 19.
- Heat exchanger. E. N. Sieder. 2,018,037; Oct. 22.
- Heat exchanger. R. N. Trane. 2,009,863; July 30.
- Heat exchanger. H. Vorkauf. 1,994,009; Mar. 12.
- Heat exchanger and clinker cooler. O. Lellep. 2,024,934; Dec. 17.
- Heat exchanger, boiler, and the like. A. T. Herpen. 2,012,007; Aug. 20.
- Heat exchanger element. A. J. Berg. 2,025,036; Dec. 24.
- Heat exchanger for fluids. H. Feldmeier. 1,986,192; Jan. 1.
- Heat exchanger for liquids. E. Behringer. 1,985,913; Jan. 1.
- Heat exchanger for liquids, Tubular. H. Feldmeier. 2,009,837; July 30.
- Heat exchanger section. J. Whiteley. 2,003,705; June 4.
- Heat exchanger unit. F. M. Young. 1,996,499; Apr. 2.
- Heat exchanging pipe. G. Krause. 2,016,720; Oct. 8.
- Heat from waste water, Apparatus for recovering. A. T. Shepherd. 1,989,340; Jan. 29.
- Heat generator. J. J. Sloyan. 1,994,968; Mar. 19.
- Heat generator by means of a circulating auxiliary liquid, Device for cooling a. K. Nesselmann. 2,008,333; July 16.
- Heat indicator. L. Boddy. 2,004,091; June 11.
- Heat insulated container. B. D. Kunkle. 1,999,297; Apr. 30.
- Heat insulating material. C. W. Becker. 1,992,906; Feb. 26.
- Heat insulating wall construction. E. R. Powell. 2,000,863; May 7.
- Heat insulation. C. G. Munters. 2,016,045; Oct. 1.
- Heat insulation. C. G. Munters and J. G. Tandberg. 2,023,204; Dec. 3.
- Heat interchange apparatus. R. E. Kaestner. 2,006,299; June 25.
- Heat interchange device. F. B. Whittemore and W. J. Perkins. 2,008,269; July 16.
- Heat interchanger. A. L. Stevens. 1,987,497; Jan. 8.
- Heat measuring construction. H. G. McBurney. 1,988,849; Jan. 22.
- Heat motor. R. M. Schultz. 2,012,674; Aug. 27.
- Heat of condensates, Apparatus for utilizing. W. Hofmann. 2,001,784; May 21.
- Heat reclaiming. R. A. Hetzer. 1,991,980; Feb. 19.
- Heat recovery system. H. Svanoe. 1,988,759; Jan. 22.
- Heat reflecting device. S. A. Horstmann. 1,989,862; Feb. 5.
- Heat regenerators, Construction of. C. Otto. 2,018,224; Oct. 22.
- Heat regulating apparatus. G. D. Bower. 1,990,813; Feb. 12.
- Heat regulating apparatus. L. L. Cunningham. 2,013,266; Sept. 3.
- Heat regulating device. E. W. Ballantine. 2,011,028; Aug. 13.
- Heat regulating device. L. L. Cunningham. 2,008,749; July 23.
- Heat regulating method and apparatus. H. A. Dreffein. 1,999,039; Apr. 23.
- Heat regulating system, Automatic. D. H. Kinnan. 2,016,805; Oct. 8.
- Heat regulation. G. M. Richard. 1,991,415; Feb. 19.
- Heat retaining device for window structures. J. M. Flanagan. 2,009,917; July 30.
- Heat retarder. M. J. C. Nyborg. 2,002,020; May 21.
- Heat storage device. R. C. Roe. 2,003,496; June 4.
- Heat to vessels used in hydrocarbon oil conversion, Apparatus for applying. E. F. Nelson. 1,990,878; Feb. 12.
- Heat to vessels used in hydrocarbon oil conversion, Ap-plying. E. F. Nelson. 1,990,877; Feb. 12.
- Heat transfer. H. H. Dow. 2,000,886; May 7.
- Heat transfer. A. Lysholm. 2,023,965; Dec. 10.
- Heat transfer. O. G. Wendel. 1,992,561; Feb. 26.
- Heat transfer apparatus. C. M. Alexander. 2,022,173; Nov. 26.
- Heat transfer apparatus. R. J. Scott and L. E. Scott. 2,007,838; July 9.
- Heat transfer apparatus, Boiling and condensing. C. Field. 2,008,098; July 16.
- Heat transfer device. W. Y. Lewis. 2,008,076; July 16.
- Heat transfer device. F. M. Young. 1,992,646; Feb. 26.
- Heat transfer device. F. M. Young. 1,996,498; Apr. 2.
- Heat transfer element. R. M. Gates. 1,996,105; Apr. 2.
- Heat transfer, Method of and apparatus for controlling. W. F. Baird. 1,990,219; Feb. 5.
- Heat transfer unit. L. W. Child. 1,991,194; Feb. 12.
- Heat transfer unit. F. M. Young. 1,992,795; Feb. 26.
- Heat transfer unit. F. M. Young. 2,020,532; Nov. 12.
- Heat transfer surface. G. W. Penney. 2,024,743; Dec. 17.
- Heat transference apparatus. E. Metcalfe-Shaw. 2,024,299; Dec. 17.
- Heat transferring medium, Apparatus for utilizing. P. H. Elliott. 2,003,742; June 4.
- Heat transmission. H. W. Huyser. 2,006,202; June 25.
- Heat transmission. L. Rosenstein. 2,006,411; July 2.
- Heat transmission, Method and apparatus for. H. E. A. Göth. 2,009,175; July 23.
- Heat treating. O. H. Hansen. 2,011,631; Aug. 20.
- Heat treating. A. N. Otis. 2,023,285; Dec. 3.
- Heat treating apparatus. H. W. McQuaid. 2,021,666; Nov. 19.
- Heat-treating furnace. W. E. Blythe. 1,992,466-7; Feb. 26.
- Heat treating furnace. E. G. de Coriolis and H. W. Schramm. 1,997,680; Apr. 16.
- Heat treating furnace. F. E. Harris. 2,007,604; July 9.
- Heat treating in circulatory gases. F. A. Hansen and H. E. Koch. 2,012,165; Aug. 20.
- Heat treating machine. W. A. Darrah. 2,009,481; July 30.
- Heat treating machine, Continuous. A. W. Machlet. 2,021,072; Nov. 12.
- Heat treating material, Apparatus for. F. W. Brooke. 1,991,374; Feb. 19.
- Heat treating method and apparatus. W. E. Moore. 1,990,707; Feb. 12.
- Heat treatment of alloys. M. G. Corson. 1,990,168; Feb. 5.
- Heat treatment of chromium alloy steels. F. M. Becket and R. Franks. 2,024,561; Dec. 17.
- Heat treatment of easily oxidizable metals. F. Keller, Jr. 1,996,379; Apr. 2.
- Heat treatment of metals. T. J. Hankins, Jr. 2,003,486; June 4.
- Heat treatment of oils and fats, more particularly for the purpose of bleaching and hardening same. W. Gensecke. 2,003,076; May 28.
- Heat treatment of saws, etc. A. M. Remington. 2,004,174; June 11.
- Heat treatment of substances in rotary-tube furnaces, Process of and apparatus for the. C. P. Debuch and E. Markworth. 2,005,648; June 18.
- Heat treatment of white cast iron. M. P. Gray. 1,999,153; Apr. 23.
- Heater: See—
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| Air heater. | Induction heater. |
| Air insulated heater. | Liquid conductor heater. |
| Automatically operated heater. | Liquid heater. |
| Automobile heater. | Melting pot heater. |
| Bus heater. | Motor heater. |
| Cabinet heater. | Oil-burning heater. |
| Car heater. | Oil burning heater. |
| Circulating heater. | Oil heater. |
| Crankcase heater. | Open hearth heater. |
| Disinfectant heater. | Orchard heater. |
| Electric fluid heater. | Percolator heater. |
| Electric heater. | Permanent waving heater. |
| Electric putty heater. | Portable electric heater. |
| Electric unit heater. | Portable heater. |
| Electric water heater. | Replacement heater. |
| Electrical heater. | Solar water heater. |
| Feed water heater. | Space heater. |
| Fireplace heater. | Tank heater. |
| Fluid heater. | Unit heater. |
| Hair waving heater. | Vertical unit heater. |
| Hot water heater. | Volatile deodorant heater. |
| House heater. | Vulcanizing heater. |
| Housing heater. | Wash water heater. |
| Inclosed electric heater. | Water heater. |
| | Windshield heater. |
- Heater. I. E. Aske. 2,006,431; July 2.
- Heater. R. G. Birkholz. 2,014,644; Sept. 17.
- Heater. A. Brooks. 1,987,548; Jan. 8.
- Heater. C. T. Carlson. 2,001,663; May 14.
- Heater. L. F. Chase. 1,996,098; Apr. 2.
- Heater. J. H. Conant. 2,003,579; June 4.

- Heater. A. Courtemanche. 1,994,690; Mar. 19.
 Heater. W. R. Davies. 2,000,825; May 7.
 Heater. H. J. Findley. 2,024,440; Dec. 17.
 Heater. H. Gerspacher. 2,026,031; Dec. 31.
 Heater. D. W. Grazier. 2,017,621; Oct. 15.
 Heater. J. C. Jessen. 1,990,787; Feb. 12.
 Heater. J. B. Knauss, Sr. 2,025,594; Dec. 24.
 Heater. D. W. Lake. 1,996,927; Apr. 9.
 Heater. D. T. MacLeod. 1,988,693; Jan. 22.
 Heater. A. Rober. 2,018,535; Oct. 22.
 Heater. D. W. Rudorff. 2,006,059; June 25.
 Heater. R. N. Trane. 1,990,356; Feb. 5.
 Heater. H. S. Wheller. 2,000,112; May 7.
 Heater. W. W. Williams. 2,014,918; Sept. 17.
 Heater and heat deflector attachment for furnaces, Combined water. R. F. Sturgis. 2,020,221; Nov. 5.
 Heater and making the same, Electric. E. N. Lightfoot. 1,993,410; Mar. 5.
 Heater and register control, Automobile. L. L. Steindler. 1,987,950; Jan. 15.
 Heater and support, Fluid. W. H. Armacost. 2,014,197; Sept. 10.
 Heater and the like, Hot water. R. P. Wilson. 1,989,047; Jan. 22.
 Heater and wringer, Fomentation. W. Morten, O. D. Richter, and S. Torpey. 2,009,669; July 30.
 Heater apparatus. R. W. Angstman. 2,004,151; June 11.
 Heater cabinet construction, Sill. C. W. Colby. 2,005,313; June 18.
 Heater control. G. R. Townsend. 1,986,032; Jan. 1.
 Heater control system, Water. V. G. Vaughan. 1,996,634; Apr. 2.
 Heater control, Water. A. D. Stewart. 2,006,035; June 25.
 Heater for automobiles. A. H. Bates. 1,990,364; Feb. 5.
 Heater for automobiles. W. H. Cook. 1,992,003; Feb. 19.
 Heater for automobiles, Hot water. R. H. Griffiths. 2,003,045; May 28.
 Heater for closed vehicles. R. J. Marquard. 1,997,003; Apr. 9.
 Heater for combustion chamber, Door type. R. F. Van Seggern. 2,016,759; Oct. 8.
 Heater for fluids. R. H. Long. 1,987,119; Jan. 8.
 Heater for gasifiers, Air and mixture. W. H. Duthoit and G. W. Wallace. 2,018,122; Oct. 22.
 Heater for hotbeds. R. B. Marshall and J. N. Marble. 2,014,657; Sept. 17.
 Heater for laundry ironers. N. L. Eiten. 2,004,430; June 11.
 Heater for locomotives, etc., Feed water. E. H. Blunt. 2,000,009; May 7.
 Heater for motor vehicles. J. B. Brennan. 2,017,525; Oct. 15.
 Heater for motor vehicles, Steam. H. S. Hasbrouck. 1,986,893; Jan. 8.
 Heater for oil wells, Chemical. J. R. Vandever. 2,004,452; June 11.
 Heater for range oil burners, Water. A. S. Pardoll. 1,993,453; Mar. 5.
 Heater for tubular boilers and like apparatus, Electrical. E. F. Holinger. 1,986,636; Jan. 1.
 Heater or boiler, Water. M. I. Larsen. 1,993,674; Mar. 5.
 Heater or cooler. C. Morrow. 1,987,123; Jan. 8.
 Heater switch and circuit. S. A. Griswold. 2,015,624; Sept. 24.
 Heater terminal construction, Electric. R. B. Marshall. 2,010,958; Aug. 13.
 Heater unit and making same, Electric. H. E. Trent and C. L. Whitney. 2,012,977; Sept. 3.
 Heater with concentric shells, Automatic storage type water. F. W. Harris. 2,007,426; July 9.
 Heating, air-conditioning, or cooling apparatus. L. Lithman. 2,023,602; Dec. 10.
 Heating and circulating system for sulphate digesters, Indirect. H. W. How. 2,001,022; May 14.
 Heating and conditioning apparatus and method, Electric. W. H. Wood, O. C. Trautman, and W. E. Benninghoff. 2,019,555; Nov. 5.
 Heating and cooling apparatus. D. L. Higgins. 1,991,897; Feb. 19.
 Heating and cooling system. K. P. Brace. 2,019,290; Oct. 29.
 Heating and cooling system. H. L. Smith, Jr., and L. N. Jones. 1,993,288; Mar. 5.
 Heating and cooling, System of. C. T. Morse and E. L. Hogan. 1,989,997; Feb. 5.
 Heating and irrigating system, Combination. R. I. McLellan. 2,019,922; Nov. 5.
 Heating and ventilating apparatus. C. T. Morse. 2,006,109; June 25.
 Heating and ventilating, Method and mechanism of. W. Shurtleff. 2,023,447; Dec. 10.
 Heating and ventilating system. R. J. Parsons. 1,996,972; Apr. 9.
 Heating and ventilating unit. R. H. Nelson. 1,988,745; Jan. 22.
 Heating and welding, Method of and apparatus for electric. R. C. Sessions. 1,986,369-70; Jan. 1.
 Heating apparatus. N. L. Blackmore. 2,001,953; May 21.
 Heating apparatus. E. L. Cargill and J. A. Bastion. 2,000,376; May 7.
 Heating apparatus. C. A. and A. R. Dunham. 2,005,224; June 18.
 Heating apparatus. R. B. Freas. 1,986,886; Jan. 8.
 Heating apparatus. C. I. Hall. 2,000,531; May 14.
 Heating apparatus. J. N. Macrae. 2,021,605; Nov. 19.
 Heating apparatus. L. A. Mekler. 2,009,092; July 23.
 Heating apparatus. T. A. Novotney and L. N. Hunter. 1,995,167; Apr. 16.
 Heating apparatus. E. W. Pierce. 1,994,026; Mar. 12.
 Heating apparatus. F. J. Young. 2,007,822; July 9.
 Heating apparatus and system. A. B. Page. 1,993,332; Apr. 16.
 Heating apparatus for automotive vehicles. L. D. Nilson. 2,019,991; Nov. 5.
 Heating apparatus for automotive vehicles. H. Rose. 1,992,130; Feb. 19.
 Heating apparatus for automotive vehicles. H. Rose. 2,018,900; Oct. 29.
 Heating apparatus for doughnut machines and the like. P. J. Toews. 2,023,863; Dec. 10.
 Heating apparatus, Windshield. S. A. Moog and C. F. Planze. 2,020,370; Nov. 12.
 Heating appliance. A. Panaro. 2,021,462; Nov. 19.
 Heating appliance, Gas. G. Hegwein, F. W. Stockmeyer, and C. Steinhardt. 2,010,763; Aug. 6.
 Heating arrangement for automobile motors. H. Håkansson. 2,014,803; Sept. 17.
 Heating bath for hardening of steel, especially tool steel. A. Erdmann and E. Bertram. 2,016,321; Oct. 8.
 Heating boiler. E. H. McCathron. 1,988,503; Jan. 22.
 Heating by means of solid fuel of very small sizes. A. Vandevelde. 2,011,093; Aug. 13.
 Heating convector. E. J. Bair. 2,002,763; May 28.
 Heating, cooling, fumigation, irrigation, and fertilizing system for agricultural purposes. D. C. Hammell. 1,991,851; Feb. 19.
 Heating device. F. R. Geyser. 2,022,662; Dec. 3.
 Heating device. W. R. Hildebrand. 1,987,936; Jan. 15.
 Heating device. G. F. Kotrbaty. 2,019,913; Nov. 5.
 Heating device. E. J. O'Gorman. 2,010,316; Aug. 6.
 Heating device. H. N. Shaw. 2,001,219; May 14.
 Heating device. I. H. Wilsey. 2,012,981; Sept. 3.
 Heating device, Combustion chamber. M. S. Hall. 2,001,721; May 21.
 Heating device, Electric. F. M. Young and E. Witzel. 1,998,916; Apr. 23.
 Heating device, Electrical. L. T. M. Ralston and E. D. Bottsford. 2,000,455; May 7.
 Heating device for liquid fuels. F. Nettel. 2,023,610; Dec. 10.
 Heating device for motor vehicles. C. R. Mueller. 2,006,840; July 2.
 Heating device for wood pulp digesters. E. Morterud. 1,994,198; Mar. 12.
 Heating device regulator. L. F. Dutcher. 2,022,460; Nov. 26.
 Heating element. M. J. Cwelich. 1,997,485; Apr. 9.
 Heating element. M. Ireland. 2,012,788; Aug. 27.
 Heating element. F. Raffles. 2,014,196; Sept. 10.
 Heating element construction. A. S. Knapp and F. J. Stevens. 2,014,001; Sept. 10.
 Heating element, Electric. E. E. Drumm. 2,023,875; Dec. 10.
 Heating element, Electric resistance. E. L. Wiegand. 1,985,965; Jan. 1.
 Heating element, Electric resistance. E. L. Wiegand. 1,997,844; Apr. 16.
 Heating element, Electric resistance. E. L. Wiegand. 2,001,995; May 21.
 Heating element, Thermo-electrical. H. Ritterhoff, H. Cessna, and F. E. Reinhold. 1,992,635; Feb. 26.
 Heating elements manufacturing. C. H. Boyles. 1,989,736; Feb. 5.
 Heating furnace. C. F. Erb. 2,011,620; Aug. 20.
 Heating infusion apparatus, Adjustable. H. Goldstein. 1,995,302; Mar. 26.
 Heating installation for domestic utilization. E. T. Avery. 1,986,914; Jan. 8.
 Heating means for automotive vehicles, Fuel charge. C. Laugier. 2,001,466; May 14.
 Heating means for cans and the like, Self-contained. F. Eggert and E. Helf. 2,020,292; Nov. 12.
 Heating means for treating vegetables or fruit. N. T. Brown. 2,001,703; May 21.
 Heating, Method of and apparatus for inductive. La V. R. Philpott. 1,991,062; Feb. 12.
 Heating objects electrically. E. R. Frost. 1,998,363; Apr. 16.
 Heating of materials in furnaces, Direct. F. C. Schwalbe. 2,016,458; Oct. 8.
 Heating pad. A. C. Gilbert. 2,003,830; June 4.
 Heating pads, Making electric. J. H. Payne. 2,022,519; Nov. 26.
 Heating panel. C. B. Norris. 1,996,522; Apr. 2.
 Heating panels or the like, Apparatus for manufacture of electric. J. L. Musgrave and L. J. Fowler. 1,993,348; Mar. 5.
 Heating plant. A. Curioni. 2,025,341; Dec. 24.
 Heating plate, Electric. G. L. Colbie. 1,992,056; Feb. 19.
 Heating, power, and refrigeration purposes, Apparatus for. A. Schwarz. 2,003,122; May 28.
 Heating process and apparatus. A. L. Klees. 2,003,943; June 4.
 Heating process and apparatus therefor, Domestic. R. M. Stewart. 2,025,695; Dec. 24.
 Heating surfaces against overheating, Protecting. A. Schack. 2,011,119; Aug. 13.

- Heating surfaces, Cleaning. O. Eberhardt. 2,004,042; June 4.
- Heating system. E. J. Bell. 2,006,193; June 25.
- Heating system. A. L. Browne. 2,013,909; Sept. 10.
- Heating system. T. F. Carroll. 2,024,040; Dec. 17.
- Heating system. C. A. Dunham. 1,999,040; Apr. 23.
- Heating system. F. A. Furlong. 1,991,609; Feb. 19.
- Heating system. F. A. Furlong. 2,022,033; Nov. 26.
- Heating system. H. S. Kehm. 2,020,064; Nov. 5.
- Heating system. O. A. Knopp. 1,994,771; Mar. 19.
- Heating system. E. W. Pierce. 2,026,399; Dec. 31.
- Heating system. W. K. Simpson. 2,013,113; Sept. 3.
- Heating system. J. T. Stangl. 1,997,186; Apr. 9.
- Heating system and element thereof. A. S. Heinrich. 2,020,183; Nov. 5.
- Heating system and trap therefor, Train. E. J. Brewyour. 1,989,851; Feb. 5.
- Heating system, Automatically controlled. E. L. Mayo. 2,012,067; Aug. 20.
- Heating system, Automotive vehicle. J. J. Sunday. 2,026,072; Dec. 31.
- Heating system for a plurality of consumer units with indirect measurement of the heat consumed, Hot water central. H. Viewegh. 2,001,226; May 14.
- Heating system for automobiles, Steam. R. W. Angstman. 1,990,159; Feb. 5.
- Heating system for railway cars. B. L. Gates. 1,998,808; Apr. 23.
- Heating system for self-propelled vehicles. J. Van Vulpen and E. A. Russell. 1,991,990; Feb. 19.
- Heating system, Hot water. T. E. King. 2,021,149; Nov. 19.
- Heating system, Thermal storage. V. Z. deFerranti. 2,010,180; Aug. 6.
- Heating system with auxiliary domestic water heater, Hot water. E. R. Snively. 2,008,568; July 16.
- Heating tool. O. B. Mueller. C. A. Hill and J. W. Tielking, and G. R. Jones. 2,001,538; May 14.
- Heating unit, Electric. J. J. Gough. 2,019,780; Nov. 5.
- Heating units, Manufacturing electric. C. C. Abbott. 1,991,591; Feb. 19.
- Heating units, Protecting selected parts of. P. C. Keith, Jr. 2,025,667; Dec. 24.
- Heating with steam, Method and apparatus for. C. A. Dunham. 2,003,585; June 4.
- Hectograph band. A. H. Meyer. 2,009,896; July 30.
- Hectograph copying pads, Tanning. W. B. Whitmore. 2,024,408; Dec. 17.
- Heddle bar supporting means. R. Ragan. 1,994,286; Mar. 12.
- Heddle frame. O. Baer. 2,014,515; Sept. 17.
- Heddle frame. E. A. Gloor. 1,994,578; Mar. 19.
- Heddle frame. J. J. Kaufmann. 2,017,412; Oct. 15.
- Heddle frame. J. J. Kaufmann. 2,019,821; Nov. 5.
- Heddle, Sectional twine. I. Andrews. 1,988,976; Jan. 22.
- Hedge trimming device. R. C. Johnson. 2,005,862; June 25.
- Heel. G. Filippelli. 1,994,508; Mar. 19.
- Heel and covering the same. W. H. Nutt. 1,995,322; Mar. 26.
- Heel and heel-seat fitting. W. R. Barclay, C. H. James and W. I. Bacon. 2,025,704; Dec. 31.
- Heel, Attachable. P. H. Kellar. 2,009,585; July 30.
- Heel attaching plate. F. B. Dopp. 2,005,775; June 25.
- Heel attachment. D. A. Comiskey. 2,008,784; July 23.
- Heel bases, Sizing wood. J. V. Critchley. 1,997,811; Apr. 16.
- Heel-breast scouring machine. F. Ashworth. 1,993,952; Mar. 12.
- Heel breasting machine. N. L. Gulliford. 2,004,070; June 4.
- Heel breasting machine. T. H. Seely and M. H. Ballard. 2,000,996; May 14.
- Heel breasting machine. T. H. Seely and M. H. Ballard. 2,002,512; May 28.
- Heel clamp. W. H. Poindexter. 1,987,126; Jan. 8.
- Heel clamping device. M. A. Shaffner. 2,007,616; July 9.
- Heel clamping device for women's footwear. H. Abrams. 1,990,395; Feb. 5.
- Heel coating machine. L. J. Bazzoni. 2,008,780; July 23.
- Heel cover. J. Cirone and L. Franchina. 1,994,122; Mar. 12.
- Heel cover and making the same. J. C. Shambow. 1,997,317; Apr. 9.
- Heel cover trimming machine. M. H. Ballard, E. A. Besom, and N. H. Knowlton. 2,018,022; Sept. 3.
- Heel covering machine. W. P. Devine. 2,000,128; May 7.
- Heel dowering machine. W. J. Young. 1,986,458; Jan. 1.
- Heel finishing machine. A. Capomacchio and R. Schiavulli. 2,021,442; Nov. 19.
- Heel finishing machine. H. B. Greenough. 2,013,046; Sept. 3.
- Heel for shoes, Removable. C. Hall, Jr. 1,986,727; Jan. 1.
- Heel insert. W. A. Evans. 2,011,174; Aug. 13.
- Heel, Interchangeable. E. Christensen. 1,994,013; Mar. 12.
- Heel lift, Detachable. B. Jassen. 2,006,995; July 2.
- Heel lift, Lock-on. E. Christensen. 1,994,014; Mar. 12.
- Heel lift machine. C. A. Olsen. 1,994,086; Mar. 12.
- Heel, Metal. A. von Ha'n. 2,019,373; Oct. 29.
- Heel, Orthopedic shoe. J. Piefzuch. 2,016,215; Oct. 1.
- Heel patch construction for low shoes, Nonslip. C. Tweedie. 1,989,299; Jan. 29.
- Heel patching lift, Rubber. A. L. Murray. 2,012,173; Aug. 20.
- Heel plate. H. D. Fleschutz. 1,995,975; Mar. 26.
- Heel rest. L. Stark. 1,987,806; Jan. 15.
- Heel, Rubber. A. Greenbaum and F. J. Kelley. 1,998,988; Apr. 23.
- Heel, Rubber. H. T. Hughes. 1,998,624; Apr. 23.
- Heel, Rubber. M. Yamaki. 2,012,649; Aug. 27.
- Heel, Shoe. J. F. Esterson. 2,002,087; May 21.
- Heel, Shoe. J. F. Esterson. 2,009,082; July 23.
- Heel, Shoe. A. E. Norris. 2,017,768; Oct. 15.
- Heel, Shoe. C. M. Riddock. 2,023,441; Dec. 10.
- Heel tap. J. R. Loosmore and M. B. Shannon. 2,009,506; July 30.
- Heel trimmer guard. R. G. Smith. 1,998,561; Apr. 23.
- Heel turning machine, Wood. M. W. Howard. 2,023,020; Dec. 3.
- Heels, Drafting shoe. G. Clausing. 2,009,975; July 30.
- Heels to shoes, Attaching. D. E. Cool. 2,004,979; June 18.
- Heels to shoes, Attaching. W. A. Thum. 1,987,808; Jan. 15.
- Height indicator. R. A. Fessenden. 1,991,892; Feb. 19.
- Height measuring apparatus. M. Quinte. 2,018,416; Oct. 22.
- Height measuring device, Electrically operated. E. H. Hand. 1,997,417; Apr. 9.
- Helical bodies and carrying out said process, Shaping. J. R. Warren. 2,013,705; Sept. 10.
- Helical objects and the like, Apparatus for casting. W. J. Burchett. 1,992,170; Feb. 26.
- Helical spring. J. W. Rockefeller, Jr. 2,000,905; May 14.
- Helicopter. T. T. Clausen. 2,004,310; June 11.
- Helium from a gaseous mixture, Method of and apparatus for separating and purifying. W. L. De Baufre. 2,012,080; Aug. 20.
- Helmet. H. A. Levy. 1,991,055; Feb. 12.
- Helmet. F. G. Manson. 1,996,078; Apr. 2.
- Helmet. P. Marienthal. 1,999,365; Apr. 30.
- Helmet cap. P. Davis. 1,994,212; Mar. 12.
- Helmet, Welder's. E. U. Gingg. 2,016,775; Oct. 8.
- Hemoglobinometer. N. Holt. 1,994,102; Mar. 12.
- Herbicide. I. E. Melhus. 2,007,433; July 9.
- Heterocyclic compounds, Dehydrogenation of hydrogenated. C. Wulff and W. Breuers. 2,019,883; Nov. 5.
- Heterodyne receiver. H. Chireix. 2,005,772; June 25.
- Hides and skins and slackening solutions, Slackening animal. B. Quendt. 2,007,984; July 16.
- Hides and skins, Preserving of raw. M. Stern. 2,010,383; Aug. 6.
- Hides and skins, Tanning. M. M. Merritt. 1,993,298; Mar. 5.
- Hides and skins, Unhairing. H. G. Turley. 2,016,260; Oct. 1.
- Hides, skins, and leather, Apparatus for use in the treatment of. M. M. Merritt. 1,993,109; Mar. 5.
- Hides, skins, and leather, Operating upon. J. H. Connor. 2,009,475; July 30.
- Hides, Tanning. H. M. Gusdorf. 1,988,684-5; Jan. 22.
- High and low voltage lamp, Combination. L. G. Daniels. 2,012,419; Aug. 27.
- High chair. O. C. Hatch. 1,990,027; Feb. 5.
- High frequency apparatus. F. A. Kolster. 2,019,611; Nov. 5.
- High frequency apparatus. H. S. Polin. 2,011,299; Aug. 13.
- High frequency band filter. K. Posthumus and T. J. Weyers. 1,996,831; Apr. 9.
- High frequency communicating system. K. E. Hassel. 2,021,060; Nov. 12.
- High frequency generator. J. Schloemilch. 1,997,019; Apr. 9.
- High-frequency inductor. W. J. Polydoroff. 2,018,626; Oct. 22.
- High frequency line, Flexible. L. Walter. 2,000,679; May 7.
- High frequency modulation system. L. M. Applegate. 2,019,481; Nov. 5.
- High frequency modulation system. D. S. de Amicis. 1,999,686; Apr. 30.
- High frequency network. B. D. H. Tellegen. 2,002,193; May 21.
- High frequency receiver of the superheterodyne type. C. B. Terry. 2,024,614; Dec. 17.
- High frequency tube. I. J. Saxl. 1,988,398; Jan. 15.
- High potential or current indicator. J. Rah. 2,004,392; June 11.
- High pressure boiler. H. N. Davis. 1,986,561; Jan. 1.
- High pressure container. P. C. Avery. 2,021,622; Nov. 19.
- High pressure globe valve. E. R. Noll. 1,991,621; Feb. 19.
- High resistance, Manufacture of. T. D. Parkin. 1,987,969; Jan. 15.
- High-speed bearing. H. D. Else. 1,992,818; Feb. 26.
- High-speed bearing. A. E. Schein. 2,003,316; June 4.
- High tension condenser. S. Silbermann. 1,991,707; Feb. 19.
- High tension contact protection. A. Bouwers. 2,002,688; May 28.
- High voltage generator. R. Dietze. 2,021,000; Nov. 12.
- Highway director. F. N. Dull. 2,021,934; Nov. 26.

Hinge: See—

Ball bearing hinge.
 Concealed hinge.
 Covered joint hinge.
 Door hinge.
 Hinge. F. E. Allen. 2,012,800; Aug. 27.
 Hinge. M. L. Anderson. 2,018,909; Oct. 29.
 Hinge. F. G. Bates. 2,001,356; May 14.
 Hinge. W. M. Hanson. 2,000,172; May 7.
 Hinge. E. M. House. 2,011,221; Aug. 13.
 Hinge. J. R. Hughes. 2,013,915; Sept. 10.
 Hinge. G. H. Johnson. 1,998,319; Apr. 16.
 Hinge. E. W. North. 2,020,695-6; Nov. 12.
 Hinge. L. E. Olsen. 1,995,255; Mar. 19.
 Hinge. S. J. Palinkos. 2,006,110; June 25.
 Hinge. G. E. Pickup. 1,989,151; Jan. 29.
 Hinge. H. L. Spaunburg. 1,995,254; Mar. 19.
 Hinge and check. Combined. G. Riemer and O. Baumgarth. 1,993,625; Mar. 5.
 Hinge and rest. E. Van Note. 2,000,541; May 7.
 Hinge bracket. S. Benjinsohn. 2,001,864; May 21.
 Hinge construction. S. Brantingson. 2,024,985; Dec. 17.
 Hinge construction. W. J. Hall. 1,987,775; Jan. 15.
 Hinge construction. J. G. Hughes. 2,020,553; Nov. 12.
 Hinge construction. A. G. Lyons. 2,000,856; May 7.
 Hinge for doors. D. C. E. Leonard. 1,987,512; Jan. 8.
 Hinge for manhole covers. Safety. J. D. Coleman. 1,992,354; Feb. 26.
 Hinge for meter box covers. L. J. Taylor. 2,025,664; Dec. 24.
 Hinge for oven doors. H. V. Glone. 2,011,276; Aug. 13.
 Hinge for toilet seats and covers. Detention. A. Dullere. 2,026,024; Dec. 31.
 Hinge for type casting machines. G. A. Field. 2,016,598; Oct. 8.
 Hinge lock. E. J. Shea. 1,997,239; Apr. 9.
 Hinge with friction bearing. A. J. Hammond. 1,987,060; Jan. 8.
 Hinge with hydraulic brake. L. C. E. Milly. 2,018,564; Oct. 22.
 Hinged box. J. G. Sparkes. 2,011,660; Aug. 20.
 Hinged joint. J. W. Leighton. 2,002,781; May 28.
 Hinges. Making. J. T. Atwood. 1,998,301; Apr. 16.
 Hinges. Making. J. F. Hines. 2,004,810; June 11.
 Hinging device for projected type sash. E. Peremi and L. Toth. 1,987,516; Jan. 8.
 Hinging-locking mechanism. A. H. F. Perl. 2,003,008; May 28.
 Hitch connection. T. W. Paul. 2,004,213; June 11.
 Hitch. Towing. G. A. Croft. 2,008,747; July 23.
 Hitching device for tractors, horses, etc. N. B. Carter. 1,996,611; Apr. 2.
 Hob. J. Edgar. 2,010,353; Aug. 6.
 Hob. Globoidal. S. I. Cone. 2,026,215; Dec. 31.
 Hobbyhorse. F. G. Dennison. 2,005,181; June 18.
 Hobbyhorse. H. J. Marlowe. 1,992,127; Feb. 19.
 Hoe. Crescent-shape two-edge. S. S. Blocher. 2,015,916; Oct. 1.
 Hoe. Garden. C. Hopley. 2,010,303; Aug. 6.
 Hoe shank and making the same. C. H. Poythress. 2,003,463; June 4.
 Hogs. Scalding. H. H. McKee and L. S. Paddock. 2,020,846; Nov. 12.
 Hogshead. H. L. Bass. 1,995,287; Mar. 26.
 Hoist. J. Blackburn and J. A. Weaver, Jr. 1,990,163; Feb. 5.
 Hoist. E. A. Larson. 2,018,795; Oct. 29.
 Hoist. R. Payson. 2,006,476; July 2.
 Hoist. R. Payson. 2,018,568; Oct. 22.
 Hoist. H. D. Smith. 1,987,083; Jan. 8.
 Hoist and aerial tram. Combination. H. L. Hite. 1,997,217; Apr. 9.
 Hoist. Automatic skip. M. E. First. 1,995,770; Mar. 26.
 Hoist body for vehicles. C. P. Galant. 1,994,084; Mar. 12.
 Hoist for dump bodies. Hydraulic. P. A. Brick. 2,022,181; Nov. 26.
 Hoist. Hydraulic. E. B. Gruber. 2,008,980; July 23.
 Hoist. Portable. W. J. Ross. 2,005,050; June 18.
 Hoisting and lifting jack. Combination. C. H. Jackson. 1,999,174; Apr. 30.
 Hoisting apparatus. W. F. Anderson. 1,993,081; Mar. 5.
 Hoisting apparatus. F. G. Brozt and A. Mallman. 2,010,054; Aug. 6.
 Hoisting apparatus. E. T. Hight. 2,020,888; Nov. 12.
 Hoisting apparatus. J. W. Looschen. 2,026,350; Dec. 31.
 Hoisting device. G. E. Richards. 1,987,493; Jan. 8.
 Hoisting device. F. E. Stahl. 2,019,511; Nov. 5.
 Hoisting machine or stacker. Revolving. N. Warshaw. 1,997,327; Apr. 9.
 Hoisting mechanism. R. C. Lamond. 2,013,690; Sept. 10.
 Hoisting mechanism. R. C. Osgood. 1,999,203-4; Apr. 30.
 Hoisting mechanism. R. C. Osgood. 2,021,580; Nov. 19.
 Hoisting mechanism. V. C. Rowley. 2,014,910; Sept. 17.
 Hoisting unit and control system therefor. Hydraulic. H. F. Vickers. 1,989,387; Jan. 29.
 Hold-down device for automatic shearing machines. J. C. Fisher. 2,017,752; Oct. 15.
 Hold-down device for vices and the like. C. Hirth. 2,014,967; Sept. 17.
 Hold for aeroplanes and the like. Hand. R. G. Nightingale. 2,011,253; Aug. 13.

Holder: See—

Abrasive stone holder.
 Adjustable cravat holder.
 Article holder.
 Ash holder.
 Ash tray holder.
 Baby bottle holder.
 Bail holder.
 Bait holder.
 Battery holder.
 Bed cover holder.
 Binder or loose sheet holder.
 Blade holder.
 Book, chart and reference holder.
 Book holder.
 Bottle holder.
 Brassière or bust holder.
 Broom and staff holder.
 Brush holder.
 Bundle holder.
 Button holder.
 Can holder.
 Candle holder.
 Carbon holder.
 Card holder.
 Catamenial pad holder.
 Chart holder.
 Chaser holder.
 Christmas tree and staff holder.
 Cigar holder.
 Cigar or cigarette holder.
 Cigarette holder.
 Cigarette package holder.
 Cloth or mop holder.
 Collapsible tube holder.
 Collar holder.
 Collar flap and necktie holder.
 Collar tap holder.
 Condiment holder.
 Cop holder.
 Cop tube holder.
 Cosmetic holder.
 Cow tail holder.
 Cravat holder.
 Crystal holder.
 Cup holder.
 Cut flower holder.
 Cutter blade holder.
 Data sheet holder.
 Dental film pack holder.
 Dental floss holder.
 Desk pad holder.
 Disconnecting holder.
 Dispensing holder.
 Display holder.
 Door holder.
 Dust cloth holder.
 Eardrop holder.
 Electric lamp holder.
 Embroidery skein holder.
 Film holder.
 Filter holder.
 Finger holder.
 Fish bag holder.
 Fishline reel holder.
 Fish pole holder.
 Fishing line holder.
 Flower holder.
 Flower pot holder.
 Fuse holder.
 Garden hose holder.
 Garden hose loop holder.
 Garment holder.
 Hat holder.
 Index card holder.
 Index slip holder.
 Holder. B. S. Alsop. 2,004,088; June 11.
 Holder. B. Steinmann. 2,022,789; Dec. 3.
 Holder and clamp. Combined work. J. Folk. 2,004,602; June 11.
 Holder and lamp hanger. Shade. B. W. Tullis. 2,023,625; Dec. 10.
 Holder and nozzle for gas-arc torches. Combined electrode. J. T. Catlett. 2,014,226; Sept. 10.
 Holder and protector. Card. F. H. Pietzsch, F. K. Habenicht, and S. H. Campbell. 1,995,040; Mar. 19.
 Holder and supporting structure. Portable work equipment. R. Sarac. 2,020,216; Nov. 5.
 Holder arm for doors. H. G. Voight. 2,010,937; Aug. 13.
 Holder carrier and storage case. F. E. Neumeyer. 2,019,722; Nov. 5.
 Holder for advertising material. L. S. Gillette. 2,015,028; Sept. 17.
 Holder for books and other articles. Collapsible. F. H. Steen. 2,012,551; Aug. 27.
 Holder for cigarettes or the like. A. C. Butler. 2,016,071; Oct. 1.
 Holder for collapsible tubes and the like. R. Gould. 1,998,232; Apr. 16.
 Holder for correcting ingrowing toenails. D. E. Wilson. 2,024,412; Dec. 17.
 Inverted mantle holder.
 Iron holder.
 Jar holder.
 Jar or bottle holder.
 Key holder.
 Key and card holder.
 Label and tie holder.
 Lamp shade holder.
 Lens holder.
 License plate holder.
 Line holder.
 Lingerie strap holder.
 Lip stick holder.
 Lipstick holder.
 Match holder.
 Meat holder.
 Milk bottle holder.
 Milk pail holder.
 Mop head holder.
 Mop holder.
 Multiple line holder.
 Necktie holder.
 Necktie holder.
 Newspaper holder.
 Nozzle holder.
 Pad and card holder.
 Paintbrush holder.
 Paper holder.
 Paper roll holder.
 Pencil holder.
 Photographic copy holder.
 Photographic roller holder.
 Piezo-electric-crystal holder.
 Plant holder.
 Playing card holder.
 Powder puff and powder holder.
 Razor blade holder.
 Razor blade stropping holder.
 Razor holder.
 Receptacle holder.
 Restaurant check holder.
 Rod holder.
 Rug holder.
 Sack or bag holder.
 Sanitary paper holder.
 Sash holder.
 Saw blade holder.
 Seat cover holder.
 Sheet form holder.
 Shoe holder.
 Shoulderstrap holder.
 Shuttle quill or cop holder.
 Sleeve holder.
 Soap holder.
 Spool holder.
 Staff holder.
 Strap holder.
 Suppository holder.
 Tag holder.
 Tea ball holder.
 Telephone holder.
 Tie holder.
 Toilet paper holder.
 Tool holder.
 Tooth brush and tumbler holder.
 Tooth brush holder.
 Towel holder.
 Tube holder.
 Typewriter eraser holder.
 Watch holder.
 Welding electrode holder.
 Wet film holder.
 Wheel holder.
 Work holder.
 X-ray tube holder.

- Holder for cutter tool bits. E. Reaney. 1,993,752; Mar. 12.
- Holder for dental impression trays, Adjustable. L. Kalvin. 2,024,526; Dec. 17.
- Holder for dental instruments. P. Witt. 2,010,210; Aug. 6.
- Holder for dental X-ray films. D. D. and R. S. Heron. 2,005,993; June 25.
- Holder for dressmakers' chalk. M. C. Kelly. 2,012,048; Aug. 20.
- Holder for eggs and the like. L. Benoit. 1,990,975; Feb. 12.
- Holder for eggs, Fiber cushion. F. Kronenberger. 2,014,851; Sept. 17.
- Holder for electric machines, Brush. G. R. Anderson. 1,991,356; Feb. 19.
- Holder for fishhooks, Live bait. V. A. Anderson. 1,993,582; Mar. 5.
- Holder for funeral services, Earth. H. S. Gordon. 2,012,164; Aug. 20.
- Holder for garden hose. C. F. Reiter. 2,013,447; Sept. 3.
- Holder for garments, Scarf. S. Regal. 2,019,993; Nov. 5.
- Holder for lip sticks and the like, Adjustable. H. F. Reichenbach. 2,014,697; Sept. 17.
- Holder for machine for culinary purposes, Tool. A. S. Littlejohn. 2,009,809; July 30.
- Holder for mine cars, Tag. O. J. Mustard. 2,000,896; May 7.
- Holder for ornaments and detaching the same. A. H. Vogel. 2,018,934; Oct. 29.
- Holder for parachute pull cords. S. H. Knight. 1,997,112; Apr. 9.
- Holder for pens and pencils. L. A. House. 2,010,262; Aug. 6.
- Holder for polishing swabs. H. Hertzberg. 2,017,246; Oct. 15.
- Holder for pressing machines, Work. F. A. Heidenfelder. 2,013,210; Sept. 3.
- Holder for road maps and the like. J. A. Borden. 1,993,589; Mar. 5.
- Holder for sadirons. O. E. Carter. 2,015,921; Oct. 1.
- Holder for safety razor blades. J. P. Ganz and J. P. Strobatz. 1,998,130; Apr. 16.
- Holder for sheet material. H. A. Soderberg. 1,993,574; Mar. 5.
- Holder for stair carpets. H. F. Smith. 2,000,259; May 7.
- Holder for styptic pencils and the like. G. I. Bonham. 1,990,929; Feb. 12.
- Holder for thermionic valves and the like. R. W. Piper. 2,007,660; July 9.
- Holder for thread and the like, Suspensible clew. E. Goddemeyer. 2,003,143; May 28.
- Holder for toothpaste tubes. M. W. Johnson and J. J. Lester. 2,016,269; Oct. 1.
- Holder for tooth paste tubes and the like. G. H. Revelle. 1,992,442; Feb. 26.
- Holder for typewriters, Notebook. C. Doherty. 2,006,887; July 2.
- Holder for wire drawing dies. O. Sjogren. 1,986,021; Jan. 1.
- Holder or package for belt lacer hooks. J. K. Diamond. 2,023,220; Dec. 3.
- Holding and dispensing device. G. R. Johnner. 2,008,213; July 16.
- Holding and release tripping mechanism for railway car hand brakes. R. W. Burnett. 2,017,526; Oct. 15.
- Holding and releasing mechanism. E. C. Mersereau. 2,019,190; Oct. 29.
- Holding device for yarn bodies. A. Luchtenberg. 2,012,791; Aug. 27.
- Holding means for mops, brushes, and the like. C. A. Taylor. 2,013,871; Sept. 10.
- Holding means for pivotally connected parts. R. E. Wagner. 1,986,307; Jan. 1.
- Hole boring or drilling machine. N. M. Erdahl. 1,997,108; Apr. 9.
- Hole spotter. H. J. Schorle. 1,986,290; Jan. 1.
- Hole spotter for collaring drill holes. C. A. Hirschberg. 1,986,266; Jan. 1.
- Hole spotter for collaring drill holes. O. J. Schorer. 1,986,289; Jan. 1.
- Holes in plates, Plugging. T. B. Stitzler. 2,010,596; Aug. 6.
- Hollander. F. Arledter. 1,996,740; Apr. 9.
- Hollow article. C. C. Smith. 2,018,094; Oct. 22.
- Hollow articles, Apparatus for casting. M. Wagner. 2,023,212; Dec. 3.
- Hollow articles from plastic materials, Manufacture of. K. Bratring. 2,001,765; May 21.
- Hollow articles, Making welded irregular shaped. D. W. Sherman and A. G. Schilberg. 2,011,121; Aug. 13.
- Hollow articles, Manufacturing. G. Delpech. 2,019,046; Oct. 29.
- Hollow articles out of sheet rubber or the like, Forming. R. W. Sampson. 2,007,548; July 9.
- Hollow articles, such as pipe fittings and the like, and making the same. F. H. Benze. 2,003,232; May 28.
- Hollow articles such as tire tubes, Method of and apparatus for forming. F. A. Daly. 2,024,149; Dec. 17.
- Hollow bodies, Apparatus for the manufacture of seamless. W. H. Engelbertz. 2,001,902; May 21.
- Hollow bodies, Connecting. J. F. G. Chobert. 1,994,210; Mar. 12.
- Hollow bodies, Production of fusion-welded. O. Weinrich. 2,025,922; Dec. 31.
- Hollow cement block. D. S. Corwin. 2,002,311; May 21.
- Hollow objects, Casting. F. P. Hyde. 2,018,675; Oct. 29.
- Hollow objects, Producing. V. Gonda. 1,995,977; Mar. 26.
- Hollow transparent unit for construction. G. P. Despret. 1,994,387; Mar. 12.
- Holster, Revolver. J. E. Berns. 2,001,321; May 14.
- Holster, Utility holder pocket. E. Wiedermann. 2,020,979; Nov. 12.
- Homogeneous composition and making the same. L. I. Dana and C. W. Georgi. 1,988,584; Jan. 22.
- Homogenizer. J. A. Clark. 2,023,043; Dec. 3.
- Homologue and its salts, Synthetically producing ephedrin. C. Nagai. 2,011,454; Aug. 13.
- Homopolar generator. W. Sykes. 2,011,349; Aug. 13.
- Hone. R. E. Brown. 1,990,401; Feb. 5.
- Hone. J. M. Stivers. 2,001,073; May 14.
- Hone, Adjustable cylinder. F. M. Kern and K. W. Connor. 2,023,082; Dec. 3.
- Hone, Pencil sharpener. F. J. Kercheval. 2,009,735; July 30.
- Honing device for razor blades. G. H. Nelson. 1,990,246; Feb. 5.
- Honing tool. K. W. Connor. 2,002,567; May 28.
- Honing tool. C. F. High. 2,000,330; May 7.
- Honing tool. F. M. Kern. 1,990,331; Feb. 5.
- Honey and manufacture thereof, Solidified. V. J. Hampton. 2,021,450; Nov. 19.
- Honey comb decapping machine. W. A. Chrysler. 1,992,058; Feb. 19.
- Honey extractor construction. A. G. Woodman. 2,001,997; May 21.
- Honey process and product. E. J. Dyce. 1,987,893; Jan. 15.
- Hood construction. W. J. Hall. 1,987,774; Jan. 15.
- Hood construction. W. J. Hall. 2,006,163; June 25.
- Hood construction. W. J. Hall. 2,023,224; Dec. 3.
- Hood latch. L. Blackmore. 2,022,104; Nov. 26.
- Hood latch. D. E. Brown. 1,996,454; Apr. 2.
- Hood on closed vehicle, Sliding. H. Lange. 2,025,874; Dec. 31.
- Hood, Portable. W. D. Hodson and I. J. Simmons. 2,020,184; Nov. 5.
- Hood, Protecting. W. A. Rosenberger. 1,999,639; Apr. 30.
- Hood, Welding. I. J. Boyd. 1,990,369; Feb. 5.
- Hoods to containers, Apparatus for applying. W. C. McCoy. 2,018,409; Oct. 22.
- Hook: See—
- Automatic trolling hook. Minnow hook.
 - Bracelet end hook. Plate registering hook.
 - Climbing hook. Pruning hook.
 - Crochet hook. Quad and printer's plate registering hook.
 - Cushion tow hook. Rotary sewing hook.
 - Dress hook. Safety hook.
 - Fire hook. Safety snap hook.
 - Fish hook. Toggle release hook.
 - Lock hook.
- Hook. G. W. Hall. 2,001,959; May 21.
- Hook. J. H. H. Tiryakian. 1,999,218; Apr. 30.
- Hook fastening for fish lures. P. S. Bear. 2,005,985; June 25.
- Hook for sliding leaf extension tables, Supporting. M. Fox. 1,987,953; Jan. 15.
- Hook-off device for wells. T. J. Adkins. 2,017,174; Oct. 15.
- Hook securing attachment. J. L. Moilanen. 1,987,839; Jan. 15.
- Hop extractor. D. C. Bleser. 2,005,770; June 25.
- Hopper. J. S. Bennett. 1,988,473; Jan. 22.
- Hopper, chute and the like for feeding lumpy, granular, or pulverulent material. E. Wheeler. 1,988,531; Jan. 22.
- Hopper construction. W. G. Davenport and J. K. Weniger. 2,018,636; Oct. 22.
- Hopper discharge mechanism. A. S. Hoberg, J. Schabel, and E. C. Schwantes. 1,997,791; Apr. 16.
- Hopper doorlock and lock mounting. J. J. Tatum. 1,997,704; Apr. 16.
- Hopper for feeding matches. R. S. Pullen. 1,989,378; Jan. 29.
- Hopper for fireplaces, Ash. E. A. Scott. 2,003,559; June 4.
- Hopper for irregular shaped articles, Feeding. J. B. Roy. 2,006,965; July 2.
- Hopper for metal forming machines or the like, Feeding. R. B. Hill. 1,989,924; Feb. 5.
- Hopper, Mill. N. W. Hartman. 1,989,415; Jan. 29.
- Horizon independently of sight, Apparatus for determining the true. J. M. Boykow. 2,008,058; July 16.
- Hormone of the corpus luteum, Purifying the. M. Hartmann and A. Wettstein. 2,011,337; Aug. 13.
- Hormone preparations, Purification of pure male sexual. A. Butenandt. 2,015,099; Sept. 24.
- Hormone preparations, Purifying. A. Butenandt. 2,012,300; Aug. 27.
- Hormones in secretions of the human or animal body, Concentration of. H. Langecker. 2,001,255; May 14.
- Horn. D. G. Blattner. 2,001,089; May 14.
- Horn. G. Carbonaro. 2,022,367; Nov. 26.
- Horn. E. C. Horton. 2,011,364; Aug. 13.
- Horn and howler for marine and naval use. T. Jessen. 2,006,021; June 25.
- Horn, Combination electric and pneumatic. J. R. Oishel and H. Hueber. 1,992,628; Feb. 26.
- Horn, Electric. G. Zeininger and L. Holm. 2,010,771; Aug. 6.

- Horn, Electromagnet. R. M. Critchfield and J. White. 2,020,768; Nov. 12.
- Horn, Electromagnetic. G. Zeininger. 2,018,479; Oct. 22.
- Horn system. H. Hueber and E. C. Horton. 1,988,796; Jan. 22.
- Horn, Vehicle. J. E. Griffin. 2,005,620; June 18.
- Horn, Welding. G. T. Church and M. P. Green. 2,009,476; July 30.
- Horologe system. A. McL. Nicolson. 2,020,039; Nov. 5.
- Horseshoe. A. V. and J. E. Anderson, and J. C. Lee. 2,021,217; Nov. 19.
- Horseshoe. A. V. Anderson, J. E. Anderson and J. C. Lee. 2,024,265; Dec. 17.
- Horse shoe. D. P. Mahoney. 1,987,263; Jan. 8.
- Horseshoe calk, Padded. E. Matthews. 2,021,422; Nov. 19.
- Horse shoeing and veterinary rack. J. D. Cameron. 2,000,122; May 7.
- Hose and reducing valve, Combined. J. H. Derby. 1,991,052; Feb. 12.
- Hose and tubing, Manufacturing of helically grooved endless. J. Kopetz. 2,002,896; May 28.
- Hose carriage. M. L. Carrier. 2,016,625; Oct. 8.
- Hose clamp. H. A. Borresen. 1,999,683; Apr. 30.
- Hose clamp. G. B. Goff and F. J. Finch. 2,010,229; Aug. 6.
- Hose clamp. J. Miller. 2,009,897; July 30.
- Hose clamp. A. J. Scholtes. 2,006,327; June 25.
- Hose clamp. G. J. Teuber. 2,009,907; July 30.
- Hose clamp. J. Winter. 2,018,906; Oct. 29.
- Hose connector and making the same. L. R. Nelson. 2,026,055; Dec. 31.
- Hose coupler. E. A. Russell. 1,992,446; Feb. 26.
- Hose coupling. W. E. Brown. 2,003,918; June 4.
- Hose coupling. G. Davis and J. H. Davis. 2,005,613; June 18.
- Hose coupling. J. DeMooy. 2,006,885; July 2.
- Hose coupling. C. Harrison. 2,000,481; May 7.
- Hose coupling. J. A. Jensen. 2,002,472; May 21.
- Hose coupling. R. D. McElhany and J. Borrowman. 2,015,081; Sept. 24.
- Hose coupling. C. L. McMaster. 2,002,121; May 21.
- Hose coupling. J. Porzel. 1,994,784; Mar. 19.
- Hose coupling. R. Scherf. 2,004,082; June 4.
- Hose coupling. H. D. Stecher. 2,002,839; May 28.
- Hose coupling. J. L. Tallant and J. S. Wright. 1,994,007; Mar. 12.
- Hose coupling. A. J. Weatherhead, Jr. 2,000,680; May 7.
- Hose coupling. A. J. Weatherhead, Jr. 2,008,650; July 16.
- Hose coupling. A. J. Weatherhead, Jr. 2,015,541; Sept. 24.
- Hose coupling. J. F. Werder. 2,017,362; Oct. 15.
- Hose coupling. P. H. Williams. 2,004,967; June 18.
- Hose coupling, Quick detachable. A. A. Eisenman. 2,024,682; Dec. 17.
- Hose coupling construction, Reinforced. J. C. Schellin. 2,022,525; Nov. 26.
- Hose coupling gauge. A. England. 1,986,467; Jan. 1.
- Hose coupling gauge. A. England. 2,021,841-2; Nov. 19.
- Hose delivery system and nozzle therefor. R. C. Bradley. 2,011,393; Aug. 13.
- Hose fitting. A. Brunner. 2,024,507; Dec. 17.
- Hose, Flexible. T. Nakane. 1,994,587; Mar. 19.
- Hose grip. B. N. Smith. 2,022,158; Nov. 26.
- Hose, Making. F. B. Williamson, Jr. 1,997,618; Apr. 16.
- Hose menders, Making. F. Reutter and J. H. Goss. 2,010,895; Aug. 13.
- Hose, Method and apparatus for making rubber. N. H. Curtiss. 2,010,061; Aug. 6.
- Hose pipe nipple or connector. L. K. Cheswright. 1,996,855; Apr. 9.
- Hose rack. W. Barnes, Jr. 1,998,068; Apr. 16.
- Hose reel. F. A. Nason. 1,993,617; Mar. 5.
- Hose reel. A. E. Sparling. 2,026,327; Dec. 31.
- Hose reel assembly. R. C. Evans. 2,010,539; Aug. 6.
- Hose reel, Expandible. J. A. Craig. 2,010,511; Aug. 13.
- Hose support. W. A. Kregeloh. 1,989,810; Feb. 5.
- Hose supporter gripping device. J. M. Bodensiek. 2,012,707; Aug. 27.
- Hose suspension. W. E. Brown. 2,007,999; July 16.
- Hosewear, Constructing elastic. S. E. Mountford and J. O. Frost. 2,017,604; Oct. 15.
- Hose with static discharge connection. V. C. Smith. 1,988,816; Jan. 22.
- Hoses and couplings, Securing. A. J. Weatherhead, Jr. 2,025,427; Dec. 24.
- Hosiery. E. A. Feustel. 2,023,520; Dec. 10.
- Hosiery. J. L. Getaz. 2,009,294; July 23.
- Hosiery. M. F. Hearn. 1,999,929; Apr. 30.
- Hosiery. C. H. Roth. 2,000,615; May 7.
- Hosiery. G. S. Van Voorhis. 2,022,444; Nov. 26.
- Hosiery and making same, Nonrun full-fashioned. H. V. W. Scott. 2,009,565; July 30.
- Hosiery and making the same. N. Schwartz. 2,025,358; Dec. 24.
- Hosiery, Apparatus for drying and shaping. W. M. Houchin and C. R. Hughes. 1,998,872; Apr. 23.
- Hosiery blanks, Knitting nonrun shaped. E. E. Carlson. 2,014,126; Sept. 10.
- Hosiery knitting machines, Elastic foot attachment for full fashioned. E. O. Nebel. 1,989,173; Jan. 29.
- Hosiery machines, Knocking over device for flat. K. R. Lieberknecht. 1,999,908; Apr. 30.
- Hosiery, Mechanical method for knitting runproof run-resistant full fashioned or flat knit. E. E. Carlson. 2,011,267; Aug. 13.
- Hosiery, Mechanism for narrowing flat knit full fashioned. G. Gastrich. 2,005,461; June 18.
- Hosiery packaging. W. H. Gosch. 2,020,829; Nov. 12.
- Hospital appliance. F. C. Wachs. 1,998,061; Apr. 16.
- Hospital corridor light. F. L. Garrigues. 2,003,273; May 28.
- Hot air furnace. F. H. Cornelius. 2,013,136; Sept. 3.
- Hot air furnace. C. M. Snelling, Jr. 1,987,161; Jan. 8.
- Hot air furnace, Gas-fired. J. M. Funk. 2,013,237; Sept. 3.
- Hot air furnace, Gas fired. S. H. Hobson. 1,986,675; Jan. 1.
- Hot air heater. C. A. Schmidt. 2,015,643; Sept. 24.
- Hot air heating furnace. C. I. Murdock. 2,002,295; May 21.
- Hot-bed. L. C. Edgar. 2,006,759; July 2.
- Hotbed. L. Hamberg. 2,022,281; Nov. 26.
- Hot cap setter. H. R. Sage. 1,996,525; Apr. 2.
- Hot drink dispenser. V. Thomas. 2,012,645; Aug. 27.
- Hot gas valve. K. F. Juenglin. 2,011,767; Aug. 20.
- Hothouse, Portable collapsible. W. C. Graves, Jr. 2,019,407; Oct. 29.
- Hot-plate, Electric. A. L. Lang. 2,015,856; Oct. 1.
- Hot rolling strip. J. A. Smitmans. 1,989,532; Jan. 29.
- Hot water heater. H. S. Dodd. 1,999,037; Apr. 23.
- Hot water heater. H. J. Love. 1,992,305; Feb. 26.
- Hot-water system. H. Junkers. 2,016,331; Oct. 8.
- House, Brooder. P. S. Martin. 1,995,213; Mar. 19.
- House building form, Eskimo. W. E. Urschel. 1,995,692; Mar. 26.
- House corner, Wind and water proofing shingled. J. Balletta. 2,020,988; Nov. 12.
- House, Dog. G. Blatchford. 2,009,758; July 30.
- House for animals, Farrowing. R. Burrus and W. Burrus. 2,008,637; July 16.
- House heater. H. H. Sykes. 1,993,193; Mar. 5.
- House-numbering device. H. J. Berger. 1,994,937; Mar. 19.
- House, Poultry. J. Jucker. 2,011,539; Aug. 13.
- Household appliance. T. P. Hubert. 2,019,705; Nov. 5.
- Household art link series and combinations including same. E. M. Menge. 2,007,580; July 9.
- Household mixer. J. E. McLoughlin, Jr. 2,013,783; Sept. 10.
- Household tool. J. P. Foelckler, Sr. 2,004,524; June 11.
- Housing and brake for steel rollers. F. O. Carlson. 2,016,483; Oct. 8.
- Housing and end thrust bearing device for railway vehicle axles. J. G. Blunt. 2,021,167; Nov. 19.
- Housing and lubricating means for chains. J. F. McCann. 1,998,682; Apr. 23.
- Housing for internal combustion engines, Accessory device. H. Caminez. 2,001,866; May 21.
- Housing heater. R. A. Brown. 1,996,502; Apr. 2.
- Housing heater. R. A. Brown. 2,010,622; Aug. 6.
- Housing, Return bend. F. E. Key. 2,010,671; Aug. 6.
- Housing support. J. Ritter, Jr. 1,987,078; Jan. 8.
- Hover, Hot water heated. P. S. Martin. 1,990,704; Feb. 12.
- Hub brake. E. F. Goodyear and J. Wright. 2,017,715; Oct. 15.
- Hub cap. C. H. Nehls. 1,992,759; Feb. 26.
- Hub cap. C. W. Ryerson. 2,002,159; May 21.
- Hub cap. C. W. Sinclair. 2,002,872; May 28.
- Hub cap and lock for the same. A. Swartz. 2,024,668; Dec. 17.
- Hub cap and wheel lock, Theft resisting. J. T. Duarte. 2,005,535; June 18.
- Hub hydraulic brake, Wheel. C. Sauzedde. 2,008,728; July 23.
- Hub liner for locomotives, Adjustable. W. H. Johnston. 2,013,493; Sept. 3.
- Hub lock for automobiles. A. Swartz. 2,012,735; Aug. 27.
- Hub puller. H. H. Manning and L. Shepherd. 1,986,588; Jan. 1.
- Hub with brake and buffer spring, Spring-mounted eccentric. F. Winkler. 2,012,860; Aug. 27.
- Hub with brake device, Three-wheel. H. and H. Schmidt. 2,012,893; Aug. 27.
- Hub with brake, Spring-mounted cycle. F. Winkler. 2,004,740; June 11.
- Hull extracting cleaner feeder. J. J. Wallace. 1,992,454; Feb. 26.
- Huller feeder or the like. T. S. Grimes. 2,009,047; July 23.
- Hum elimination. C. J. Hirsch. 1,996,378; Apr. 2.
- Hum elimination. B. Salzberg. 1,990,502; Feb. 12.
- Humidification process and apparatus employing electrical attractive forces. H. Barthel. 2,001,700; May 21.
- Humidifier. J. L. Boesch. 1,997,763; Apr. 16.
- Humidifier. E. T. Brace. 2,002,880; May 28.
- Humidifier. J. C. Cairncross. 2,006,627; July 2.
- Humidifier. W. Feldermann. 2,022,415; Nov. 26.
- Humidifier. J. M. Gantvoort. 2,016,003; Oct. 1.
- Humidifier. L. W. Hoyt. 1,986,267; Jan. 1.
- Humidifier. A. J. Loepsinger. 2,022,680; Dec. 3.
- Humidifier. S. W. Mears. 2,004,821; June 11.
- Humidifier. S. E. Miller. 2,006,928; July 2.
- Humidifier. W. H. Parker. 2,002,273; May 21.
- Humidifier. F. N. Smith. 2,000,356; May 7.
- Humidifier. F. N. Smith. 2,018,097; Oct. 22.
- Humidifier. E. E. Wayles. 1,995,409; Mar. 26.

- Humidifier. P. A. Weyl. 2,022,394; Nov. 26.
 Humidifier. L. B. Winterfield and W. L. Bush. 1,993,498; Mar. 5.
 Humidifier. R. G. Yost and C. G. Schelly. 2,018,990; Oct. 29.
 Humidifier, Air. R. D. Matteson. 2,014,773; Sept. 17.
 Humidifier and air washer. H. J. Somers. 2,002,553; May 28.
 Humidifier, Automatic electrical. E. A. Reid. 1,993,116; Mar. 5.
 Humidifier, Motor driven. P. E. Hochstetter. 1,994,912; Mar. 19.
 Humidifying apparatus. H. L. Husson. 2,003,938; June 4.
 Humidifying apparatus. G. R. Siefken. 2,019,874; Nov. 5.
 Humidifying apparatus or the like. R. R. McMath. 2,002,294; May 21.
 Humidifying system. R. H. Worrall. 2,004,147; June 11.
 Humidity and temperature control device. E. V. Dautel. 1,998,534; Apr. 23.
 Humidity control for incubators and hatcheries. W. E. Bundy. 2,021,479; Nov. 19.
 Humidity control switch. C. Schlatter. 1,995,107; Mar. 19.
 Humidity controlled valve. J. H. Simpson. 2,004,251; June 11.
 Humidity regulator. C. E. Lewis. 1,995,430; Mar. 26.
 Humidity responsive device. F. S. Marcellus. 1,997,468; Apr. 9.
 Humidity responsive device. F. S. Marcellus. 2,014,943; Sept. 17.
 Humidity responsive device. C. A. Nickle. 2,019,355; Oct. 29.
 Humidor. S. Shapiro. 1,987,373; Jan. 8.
 Humidor. R. D. Zucker. 1,999,554; Apr. 30.
 Humidor, Pocket. J. B. Ryan. 2,010,440; Aug. 6.
 Hurdle, Electrified stock. C. G. Heiken. 2,023,835; Dec. 10.
 Hurdle washer. W. Belmann and J. Hagenbeck. 2,003,271; May 28.
 Husker, Pea. C. A. Michels. 2,004,379; June 11.
 Hutch, Livestock. E. Wilkinson. 2,026,334; Dec. 31.
 Hydrant. B. L. Hayner. 2,020,181; Nov. 5.
 Hydrant and other valve. L. Loetscher. 2,006,900; July 2.
 Hydrant drain valve. F. A. Waterous and R. R. Boyles. 2,019,515; Nov. 5.
 Hydrant drain valve. F. A. Waterous and R. R. Boyles. 2,019,804; Nov. 5.
 Hydrant, Fire. H. M. Lofton. 2,017,600; Oct. 15.
 Hydrant, Fire. H. M. Lofton. 2,018,454; Oct. 22.
 Hydrant, Fire. H. M. Lofton. 2,019,919; Nov. 5.
 Hydrant, Fire. H. M. Lofton. 2,020,071; Nov. 5.
 Hydrant, Fire. H. M. Lofton. 2,020,365; Nov. 12.
 Hydration products of olefins, Manufacture of. H. Dreyfus. 2,020,674; Nov. 12.
 Hydraulic accumulator. R. W. Dinzl. 1,987,609; Jan. 15.
 Hydraulic actuating mechanism for machine tools. D. H. West. 2,017,999; Oct. 22.
 Hydraulic apparatus. D. H. Montgomery. 2,004,793; June 11.
 Hydraulic apparatus. E. V. Prentice. 2,023,148; Dec. 3.
 Hydraulic apparatus for controlling brakes. G. L. R. J. Messier. 2,014,339; Sept. 10.
 Hydraulic brake. R. O. Anderson and A. H. Carson. 2,021,880; Nov. 26.
 Hydraulic brake. E. G. Carroll. 2,009,105; July 23.
 Hydraulic brake. E. G. Carroll. 2,009,433; July 30.
 Hydraulic brake. J. H. Cyphers. 2,013,375; Sept. 3.
 Hydraulic brake. C. L. Ekserjian. 2,006,387; July 2.
 Hydraulic brake. H. C. Heaton. 1,998,811; Apr. 23.
 Hydraulic brake. R. E. McCleary. 2,007,279; July 9.
 Hydraulic brake. W. F. Oliver. 2,003,973; June 4.
 Hydraulic brake. H. G. Rhodes. 1,986,763-4; Jan. 1.
 Hydraulic brake. C. A. Roeder. 2,001,585; May 14.
 Hydraulic brake. J. T. Wade. 1,992,848; Feb. 26.
 Hydraulic brake. J. W. White. 1,999,675; Apr. 30.
 Hydraulic brake, Combined group equalizing and individually operating. M. C. Peters. 2,021,463; Nov. 19.
 Hydraulic cell. J. F. Strauss. 2,024,400; Dec. 17.
 Hydraulic clutch. E. H. Fahrney. 2,002,367; May 21.
 Hydraulic clutch. E. H. Fahrney. 2,018,014; Oct. 22.
 Hydraulic clutch. R. E. Millican. 1,990,874; Feb. 12.
 Hydraulic clutch. F. Rodeghier. 2,018,743; Oct. 29.
 Hydraulic clutch. A. R. Scherz. 1,993,118; Mar. 5.
 Hydraulic composition. H. F. Gardner. 1,996,372; Apr. 2.
 Hydraulic control for automobile transmissions. S. B. McKenzie. 2,012,398; Aug. 27.
 Hydraulic device. P. v. Vágó and E. Uher. 2,001,336; May 14.
 Hydraulic engine. E. M. Eynard. 2,006,237; June 25.
 Hydraulic feed. H. J. Breitenbach. 2,020,765; Nov. 12.
 Hydraulic feed and control mechanism. G. Mellinger. 1,999,248; Apr. 30.
 Hydraulic feed control. H. Ernst, C. W. McK. Goodrich and L. F. Nenninger. 1,998,003; Apr. 16.
 Hydraulic feeding apparatus for machine tool units. E. J. Kinsbury. 2,023,842; Dec. 10.
 Hydraulic flow-regulating device. J. W. Watson. 2,019,440; Oct. 29.
 Hydraulic jack. A. O. McCollum. 1,990,047; Feb. 5.
 Hydraulic jack. E. M. Pfaufer. 1,994,783; Mar. 19.
 Hydraulic jack. H. R. and R. P. Rosenberry. 2,010,679; Aug. 6.
 Hydraulic jack. W. T. Walker. 2,018,506; Oct. 22.
 Hydraulic machine. J. Baumann. 2,006,338-40; July 2.
 Hydraulic machine. J. Baumann. 2,015,332; Sept. 24.
 Hydraulic machine, Rotary. A. Hollander. 1,997,061; Apr. 9.
 Hydraulic machine tool. E. P. Burrell. 2,005,822; June 25.
 Hydraulic mechanism for determining the path of movement of a tool or other element. C. C. Richard. 2,016,931; Oct. 8.
 Hydraulic operating mechanism. R. H. Collingham. 2,025,573; Dec. 24.
 Hydraulic operator. W. O. Lum. 1,993,613; Mar. 5.
 Hydraulic power unit. B. Sassen. 2,010,377-8; Aug. 6.
 Hydraulic press. E. Benedek and H. F. MacMillan. 2,014,162; Sept. 10.
 Hydraulic press. W. Ernst and R. Thoreson. 2,009,487; July 30.
 Hydraulic press. L. A. Molin. 2,008,080; July 16.
 Hydraulic press. J. S. Rodgers. 2,020,162; Nov. 5.
 Hydraulic press. T. F. Stacy. 2,013,587; Sept. 3.
 Hydraulic press, Self-feeding. W. Ferris. 2,016,710; Oct. 8.
 Hydraulic puller. H. K. Nagel. 2,003,756; June 4.
 Hydraulic ram. D. F. Asbury. 1,989,580; Jan. 29.
 Hydraulic relief valve. E. H. Bridenbaugh. 2,013,232; Sept. 3.
 Hydraulic slack take-up device. R. F. Dow. 2,002,081; May 21.
 Hydraulic system for automatic machines. W. J. Guild and H. E. Ostlund. 1,989,857; Feb. 5.
 Hydraulic system for clothes driers. C. Van Westrum. 2,022,018; Nov. 26.
 Hydraulic thrust mechanism for power shovels. W. Ferris. 1,987,613; Jan. 15.
 Hydraulic turbine bearing. H. E. Smyser. 1,992,248; Feb. 26.
 Hydraulic unit for variable pitch propellers. W. S. Hoover. 2,023,785; Dec. 10.
 Hydraulic valve. J. Kennedy. 1,986,206; Jan. 1.
 Hydraulic valve. C. F. White. 1,999,493; Apr. 30.
 Hydrazo compounds and inversion thereof. W. S. Calcott, F. B. Downing, and N. C. Somers. 1,998,488; Apr. 23.
 Hydrazo compounds, Preparation of aromatic. H. J. Weiland. 2,012,234; Aug. 20.
 Hydroabietoyl chloride and preparing the same. C. O. Henke and M. A. Prah. 2,023,473; Dec. 10.
 Hydrocarbon burner. B. W. Tullis. 2,020,626; Nov. 12.
 Hydrocarbon, Chlor-sulphonated aromatic. L. P. Kyrides. 1,993,722; Mar. 5.
 Hydrocarbon compounds, Apparatus for reforming. D. W. Hoge. 2,007,532; July 9.
 Hydrocarbon containing fluorine, Halogenated acyclic. H. W. Daudt, M. A. Youker and H. H. Reynolds. 2,024,095; Dec. 10.
 Hydrocarbon decomposition and catalyst therefor. F. Porter. 2,013,066; Sept. 3.
 Hydrocarbon distillates, Refining of cracked. W. L. Benedict and C. Wirth, 3d. 2,013,400; Sept. 3.
 Hydrocarbon distillates, Treatment of. L. C. Huff. 1,993,446; Mar. 5.
 Hydrocarbon distillation, Light. T. S. Cooke. 2,008,578; July 16.
 Hydrocarbon liquid, Deodorizing a. A. E. Dunstan. 1,999,041; Apr. 23.
 Hydrocarbon liquids, Production of valuable. K. Schone-mann. 1,993,386; Mar. 5.
 Hydrocarbon materials. L. Clark. 1,989,445; Jan. 29.
 Hydrocarbon materials, Oxidation of. W. Dietrich and M. Luther. 2,000,222; May 7.
 Hydrocarbon mercury salt of a fatty acid. M. Engelmann and A. L. Flenner. 1,993,776; Mar. 12.
 Hydrocarbon mixtures into constituent parts, Separation of. J. M. Whiteley. 2,025,965; Dec. 31.
 Hydrocarbon naphthas and unstabilized hydrocarbon naphthas, Sweetening stabilized. A. F. Endres. 1,996,236; Apr. 2.
 Hydrocarbon-oxygen compounds, Producing. J. C. Walker. 2,007,115; July 2.
 Hydrocarbon product, Lubricating. C. Wulff and W. Breuers. 2,020,714; Nov. 12.
 Hydrocarbon products containing oxygen, Manufacture of. A. Schaarschmidt. 1,995,752-3; Mar. 26.
 Hydrocarbon products, especially lubricating oils. C. Schumann, E. Muench, and H. Ufer. 2,020,703; Nov. 12.
 Hydrocarbon products, Manufacture of improved. E. Ayres and H. G. Smith. 2,019,037; Oct. 29.
 Hydrocarbon products, Treating. W. Lelgemann. 2,015,529; Sept. 24.
 Hydrocarbon sulphur compounds, Sulphonated and neutralized. E. T. Hesse. 1,996,334; Apr. 2.
 Hydrocarbon, Synthesis of. V. Ipatieff and A. V. Grosse. 1,994,249; Mar. 12.
 Hydrocarbon vapors, Treating cracked. G. Egloff. 2,009,879; July 30.
 Hydrocarbons and process of manufacture, Chlorinated. W. E. Sharp. 2,010,039; Aug. 6.
 Hydrocarbons and product thereof, Producing oxidized. J. Hyman. 2,011,053; Aug. 13.
 Hydrocarbons and their oxygen-containing derivatives, Separation of. P. K. Frolich and J. W. Pugh. 2,002,533; May 28.
 Hydrocarbons, Apparatus for cracking. H. J. Schiffer. 2,014,189; Sept. 10.
 Hydrocarbons, Apparatus for pyrogenic conversion of. F. Winkler, H. Haeuber, and P. Feller. 2,018,619; Oct. 22.

- Hydrocarbons, Apparatus for the pyrolytic processing of. W. O. Keeling. 1,990,697; Feb. 12.
- Hydrocarbons, Art of and apparatus for converting. W. L. Gomory. 2,019,448; Oct. 29.
- Hydrocarbons, Art of and apparatus for converting. W. L. Gomory. 2,022,280; Nov. 26.
- Hydrocarbons, Catalytic conversion of. W. O. Mitscherling. 2,003,303; June 4.
- Hydrocarbons, Chlorinating ethylene. M. Berliner. 2,022,616; Nov. 26.
- Hydrocarbons, Chlorination of. C. F. Teichmann, H. Klein, and C. P. Rathemacher. 2,015,044; Sept. 17.
- Hydrocarbons, Chlorination of. H. Tramm. 2,016,658; Oct. 8.
- Hydrocarbons, Chlorination of aliphatic. E. C. Britton, G. H. Coleman, and B. C. Hadler. 2,018,345; Oct. 22.
- Hydrocarbons, Coking. H. L. Pelzer. 2,001,214; May 14.
- Hydrocarbons, Coking heavy fluent. C. W. Andrews and R. S. Petersen. 1,999,437; Apr. 30.
- Hydrocarbons, Conversion and coking of. C. H. Angell. 2,017,836; Oct. 22.
- Hydrocarbons, Conversion of. R. E. Burk. 1,989,737; Feb. 5.
- Hydrocarbons, Conversion of. F. Winkler, P. Feiler, and H. Weigmann. 1,987,092; Jan. 8.
- Hydrocarbons, Converting. F. E. Frey. 1,987,007; Jan. 8.
- Hydrocarbons, Converting. F. E. Frey. 2,002,394; May 21.
- Hydrocarbons, Cracking. C. B. Forward. 2,007,081; July 2.
- Hydrocarbons, Cracking. W. S. Gullette. 1,994,246; Mar. 12.
- Hydrocarbons, Cracking. E. C. Herthel and T. D. Tift. 1,992,614; Feb. 26.
- Hydrocarbons, Cracking. E. W. Isom. 1,992,616; Feb. 26.
- Hydrocarbons, Cracking. H. L. Pelzer. 1,993,894; Mar. 12.
- Hydrocarbons, Cracking large molecular. H. C. Pennrich. 2,016,651; Oct. 8.
- Hydrocarbons, Desulphurization and oxidation of. W. Dietrich and M. Harder. 2,003,584; June 4.
- Hydrocarbons, Desulphurizing. A. E. Buell and W. A. Schulze. 2,016,271-2; Oct. 8.
- Hydrocarbons, Dewaxing of. H. Ramser. 2,009,454; July 30.
- Hydrocarbons, Direct oxidation of olefine. S. Lenber. 1,995,991; Mar. 26.
- Hydrocarbons, Fractionating. W. Mendius. 2,009,557; July 30.
- Hydrocarbons, Fractionating gasoline-like. C. R. Wagner. 1,988,061; Jan. 15.
- Hydrocarbons from gaseous hydrocarbons, Production of valuable. F. Winkler and H. Haeuber. 1,986,238-9; Jan. 1.
- Hydrocarbons from gaseous or lower boiling hydrocarbon materials, Production of normally liquid. P. K. Frolich. 2,002,534; May 28.
- Hydrocarbons from gases containing constituents, such as diolefines and the like, Recovery of. W. Herbert. 1,997,145; Apr. 9.
- Hydrocarbons, Hydrogenation of. R. C. Cook. 1,994,982; Mar. 19.
- Hydrocarbons, Hydrogenation of. A. Szayna. 2,007,226; July 9.
- Hydrocarbons, Identifying brands of liquid. G. L. Armour. 1,997,670; Apr. 16.
- Hydrocarbons, Improving. H. Kaehler and H. Klein. 1,996,008; Mar. 26.
- Hydrocarbons in the treatment of sewage, garbage, drains, ditches, etc., Application of chlorinated. H. Seydel. 1,996,353; Apr. 2.
- Hydrocarbons, Manufacture of. G. Egloff. 2,010,948-9; Aug. 13.
- Hydrocarbons, Manufacture of. V. Ipatieff. 2,005,861; June 25.
- Hydrocarbons, Method and apparatus for converting. M. W. Colony. 2,012,959; Sept. 3.
- Hydrocarbons, Method and apparatus for distillation of. M. J. Burkhard. 2,009,079; July 23.
- Hydrocarbons, Nitration of aromatic. J. B. Castner. 2,012,985; Sept. 3.
- Hydrocarbons of high boiling point range, Production of. M. Pier. 1,988,019; Jan. 15.
- Hydrocarbons of the benzene series, Production of liquid. W. Speer and W. Flemming. 1,998,595; Apr. 23.
- Hydrocarbons or the like, Apparatus and process for distilling or cracking. H. S. Reed and R. D. Lamie. 2,022,054; Nov. 26.
- Hydrocarbons, Oxidation of. F. J. De Rewal. 2,022,845; Dec. 3.
- Hydrocarbons, Oxidation of. A. v. Fridolsheim and M. Luther. 1,990,229; Feb. 5.
- Hydrocarbons, Oxidation of. E. W. Hultman. 1,992,309; Feb. 26.
- Hydrocarbons, Oxidizing. J. C. Walker. 2,007,116; July 2.
- Hydrocarbons, Partial oxidation of. S. P. Burke and C. F. Fryling. 2,018,994; Oct. 29.
- Hydrocarbons, Partial oxidation of. J. H. James. 2,009,662; July 30.
- Hydrocarbons, particularly butanes, Storage of volatile. W. G. Whitman. 2,001,996; May 21.
- Hydrocarbons, Process and apparatus for cracking. G. C. Hargrove and W. B. Montgomery. 2,006,571; July 2.
- Hydrocarbons, Process and apparatus for producing light. G. N. Harcourt. 2,017,860; Oct. 22.
- Hydrocarbons, Process and apparatus for the distillation and conversion of. G. S. Dunham. 1,998,123; Apr. 16.
- Hydrocarbons, Production of. P. Feiler and H. Haeuber. 2,007,754; July 9.
- Hydrocarbons, Production of alkyl substituted aryl. C. A. Thomas. 1,995,827; Mar. 26.
- Hydrocarbons, Production of fluorinated acyclic. L. C. Holt and E. L. Mattison. 2,005,713; June 18.
- Hydrocarbons, Production of valuable. M. Pier, W. Kroenig, and W. Simon. 1,990,708; Feb. 12.
- Hydrocarbons, Purification of. J. F. Wait. 2,009,366; July 23.
- Hydrocarbons, Purification of chlorinated. E. C. Britton, G. H. Coleman, J. W. Zemba, and E. C. Zuckerman. 2,025,024; Dec. 24.
- Hydrocarbons, Purification of polynuclear aromatic. M. Pier and W. Simon. 1,999,758; Apr. 30.
- Hydrocarbons, Pyrolysis of. D. Binnie. 2,000,118; May 7.
- Hydrocarbons, Pyrolysis of gaseous. C. C. Towne. 2,011,385; Aug. 13.
- Hydrocarbons, Pyrolytic decomposition of. M. B. Cooke. 2,016,798; Oct. 8.
- Hydrocarbons, Reduction of. W. L. Nelson and G. H. Fancher. 1,990,664; Feb. 12.
- Hydrocarbons, Refining. T. T. Gray. 2,019,184; Oct. 29.
- Hydrocarbons, Refining of. L. D. Jones and E. M. James. 2,005,342; June 18.
- Hydrocarbons rich in carbon from those poorer in carbon, Production of. F. Winkler and P. Feiler. 1,995,136; Mar. 19.
- Hydrocarbons, Stabilization of halogenated. P. J. Carlisle. 1,996,717; Apr. 2.
- Hydrocarbons, Stabilization of halogenated. P. J. Carlisle and C. R. Harris. 2,008,650; July 23.
- Hydrocarbons, their derivatives, and the like, Refining. J. W. Poole. 2,017,730; Oct. 15.
- Hydrocarbons to obtain high grade lubricating oils and lighter hydrocarbons, Apparatus for treating. W. L. Gomory. 2,025,354; Dec. 24.
- Hydrocarbons, Treating. M. E. Bretschger and E. A. Bosing. 2,004,849; June 11.
- Hydrocarbons, Treating. C. P. Dubbs. 2,001,187; May 14.
- Hydrocarbons, Treating. C. P. Dubbs. 2,025,500; Dec. 24.
- Hydrocarbons, Treating. E. W. Hultman. 1,992,310; Feb. 26.
- Hydrocarbons, Treating gaseous. H. M. Smith and H. T. Rall. 1,995,329; Mar. 26.
- Hydrocarbons, Treating gaseous. H. M. Smith, P. Grandon, and H. T. Rall. 1,995,330; Mar. 26.
- Hydrocarbons, Treatment of. S. P. Burke and C. F. Fryling. 1,991,344; Feb. 12.
- Hydrocarbons, Treatment of. V. Ipatieff. 1,993,512-13; Mar. 5.
- Hydrocarbons, Treatment of. V. Ipatieff. 2,001,908-9; May 21.
- Hydrocarbons, Treatment of. V. Ipatieff. 2,020,649; Nov. 12.
- Hydrocarbons, Treatment of. W. O. Mitscherling. 2,003,898; June 4.
- Hydrocarbons, Treatment of. J. C. Morrell. 1,993,520; Mar. 5.
- Hydrocarbons, Treatment of. P. H. Sullivan. 2,017,874; Oct. 22.
- Hydrocarbons, Treatment of. C. L. Thompson, T. S. Bacon and J. E. Bludworth. 2,004,714; June 11.
- Hydrocarbons, Treatment of aliphatic and cyclic saturated. J. J. Pelc. 2,011,199; Aug. 13.
- Hydrocarbons with the formation therefrom of hydrocarbons having a lower boiling point, Destructive hydrogenation of high boiling-point. R. H. Griffith. 1,994,277; Mar. 12.
- Hydrochloric acid, Intensified. S. B. Heath and W. Fry. 2,011,579; Aug. 20.
- Hydrocycle. C. Ring. 1,986,750; Jan. 1.
- Hydrodynamic gear. E. Martyrer and F. Obenaus. 2,014,944; Sept. 17.
- Hydrodynamic gear. E. Martyrer and F. Obenaus. 2,018,616; Oct. 22.
- Hydro-electric variable feed control. H. Ernst. 1,996,465; Apr. 2.
- Hydrogen and carbon black, Producing. R. S. Richardson. 2,013,699; Sept. 10.
- Hydrogen fluoride, Anhydrous. W. S. Calcott and L. C. Holt. 2,018,397; Oct. 22.
- Hydrogen peroxide composition, Stabilized. A. Kunz. 2,022,860; Dec. 3.
- Hydrogen peroxide, Preparation of. A. Pietzsch. 2,015,040; Sept. 17.
- Hydrogen peroxide process. L. H. Dawsey. 2,022,650; Dec. 3.
- Hydrogen peroxide, Purification of. A. T. Hawkinson. 2,017,440; Oct. 15.
- Hydrogen peroxide solutions, Stabilization of. C. R. Harris and J. L. Fabs. 1,995,063; Mar. 19.
- Hydrogen peroxide solutions, Storing and handling. J. S. Reichert. 2,008,726; July 23.
- Hydrogen peroxide solutions with pyrophosphoric acid plus a tin compound, Stabilizing. H. N. Gilbert and J. S. Reichert. 2,004,809; June 11.

- Hydrogen, Separating and purifying. L. S. Twomey. 2,022,165; Nov. 26.
- Hydrogen sulphide from gaseous mixtures containing the same, Separation of. H. Baehr and H. Mengdehl. 1,990,217; Feb. 5.
- Hydrogen sulphide from gases containing ammonia and hydrogen sulphide, Removing. C. Eymann. 2,002,365; May 21.
- Hydrogen sulphide into sulphur, Converting. B. H. Lincoln. 2,021,865; Nov. 19.
- Hydrogen sulphide, Producing. R. S. Bley. 1,992,895-6; Feb. 26.
- Hydrogenation process. A. J. Kling and J. M. F. D. Florentin. 1,999,363; Apr. 30.
- Hydrogenation process of oil refining. N. J. Lockhart. 2,011,109; Aug. 13.
- Hydrolysis of the organic acid esters of cellulose. C. J. Malm and C. L. Fletcher. 2,013,830; Sept. 10.
- Hydrolyzing process, Continuous. K. E. Stuart. 2,013,453; Sept. 3.
- Hydrometallurgical recovery of lead from ores and other lead bearing materials. U. C. Tainton. 2,017,612; Oct. 15.
- Hydrometer. O. H. Fairchild. 2,023,196; Dec. 3.
- Hydrometer. J. A. Hartley. 2,006,549; July 2.
- Hydrometer. F. V. Hiergesell. 2,017,095; Oct. 15.
- Hydrometer bulb, Stream-lined. G. Ruehfel. 2,020,968; Nov. 12.
- Hydrometer, Illuminated. W. G. Duncan. 2,010,390; Aug. 6.
- Hydrophulous fatty substances, Manufacturing. R. Hueter. 2,006,766; July 2.
- Hydrophylic material and product, Dispersing. A. K. Epstein. 1,995,281; Mar. 19.
- Hydroplane hull. E. W. Easthope. 2,007,598; July 9.
- Hydropneumatic power plant. J. Belter. 2,025,083; Dec. 24.
- Hydropneumatic pump. O. Fenson and A. A. E. Goffin. 1,994,341; Mar. 12.
- Hydroquinone manufacture. J. Schumacher. 2,006,324; June 25.
- Hydroquinones, Production of. H. Von Bramer and J. W. Zabriskie. 1,998,177; Apr. 16.
- Hydroscope and grappier, Combined. F. W. Arnold. 1,989,443; Jan. 29.
- Hydroxyalkylamines. J. N. Wickert. 1,988,225; Jan. 15.
- Hydroxy-alkylamino carboxylic acid compounds, Production of. U. Hoffmann and B. Jacobi. 2,017,537; Oct. 15.
- Hydroxyalkylcellulose ester. M. Hagedorn and P. Möller. 1,994,038; Mar. 12.
- Hydroxy-alkyl compounds, Production of. H. Dehnert and W. Krey. 1,996,003; Mar. 26.
- Hydroxycarbazole compounds. F. Muth. 1,999,341; Apr. 30.
- Hydroxydiphenyl, Halogenated. W. G. Christiansen, E. Moness, and S. E. Harris. 1,989,081; Jan. 29.
- Hydroxydiphenylene compound. B. Pützer and F. Muth. 1,997,744; Apr. 16.
- Hydroxy diphenyl intermediates. W. G. Christiansen and S. E. Harris. 2,001,523; May 14.
- Hydroxydiphenylketocarboxylic acid salts of 3-phenyl dihydroquinazolines. W. Kropp. 2,012,394; Aug. 27.
- Hydroxyethylhydrocupreine and salts. L. H. Cretcher and W. L. Nelson. 1,997,719; Apr. 16.
- Hydroxyphenylaliphaoximinalkyl ketones and preparing same. W. H. Hartung. 1,995,710; Mar. 26.
- Hydroxy phenylpropanolamine hydrochloride. W. H. Hartung. 1,995,709; Mar. 26.
- Hydroxyprylene, Manufacture of. W. Kern. 2,018,792; Oct. 29.
- Hydroxy sulphonated fatty acid esters and their production. C. C. Clark. 2,006,309; June 25.
- Hygienic container. M. C. Schwab. 2,023,905; Dec. 10.
- Hygrometer. W. C. Goss. 2,010,148; Aug. 6.
- Hygrometer. H. Hastings. 2,019,222; Oct. 29.
- Hygrometer. H. S. Polin. 2,015,125; Sept. 24.
- Hygrometer. K. F. Schoew. 2,020,081; Nov. 5.
- Hygrometer operated switch. K. F. Schoew. 2,019,635; Nov. 5.
- Hygroscopic element for indicators and the like. W. C. Goss. 1,993,441; Mar. 5.
- Hygroscopic material and preparing the same. A. J. Loepfinger and W. M. Trafton. 2,001,066; May 14.
- Hygroscopic material and the product thereof, Drying. L. W. Lewis. 2,018,797; Oct. 29.
- Hygrostat. H. Y. Norwood. 1,991,059; Feb. 12.
- Hygrostat. R. J. Streib, R. R. Chappell, and J. Meagher. 1,998,340; Apr. 16.
- Hyperextension frame. E. E. Longfellow. 2,010,766; Aug. 6.
- Hyperpyrexator. G. H. and W. F. Clark. 2,012,221; Aug. 20.
- Hypodermic injector. F. C. Sutcliffe. 2,000,262; May 7.
- Hypodermic syringe cartridge. D. Curtis. 2,022,369; Nov. 26.
- Ice. C. Field. 2,005,735-6; June 25.
- Ice and the like, Preserving. J. A. Donahoe. 2,014,245; Sept. 10.
- Ice, Apparatus for making. W. E. Bemis. 2,025,711; Dec. 31.
- Ice, Apparatus for making table. G. L. Pownall. 1,995,686; Mar. 26.
- Ice block, Freezing a clear. D. Burks, Jr. 1,996,274; Apr. 2.
- Ice bunker. J. S. Lundvall. 2,015,902; Oct. 1.
- Ice carrier. W. F. Crawford. 2,006,673; July 2.
- Ice cracker. J. S. Bradley and J. W. Dyer. 1,998,705; Apr. 23.
- Ice cream and similar blocks having completely enclosed cores, Making. H. G. Jancy. 2,007,572; July 9.
- Ice cream and the like, Method and apparatus for forming and wrapping bricks of. L. A. Mapes. 1,986,589; Jan. 1.
- Ice cream apparatus. W. W. Parker. 2,013,501; Sept. 3.
- Ice cream, Apparatus for the transportation and conservation of. E. Du Bois. 2,018,608; Oct. 22.
- Ice cream can lifter. E. W. Barnard. 1,987,355; Jan. 8.
- Ice cream cone. H. Dicker. 1,987,993; Jan. 15.
- Ice cream cone. C. R. Niklason. 1,988,392; Jan. 15.
- Ice cream cones, Device for filling. C. W. Vogt. 2,018,751; Oct. 29.
- Ice cream disher. H. P. Gray. 2,019,566; Nov. 5.
- Ice cream making machine. L. A. Ballow. 1,993,130; Mar. 5.
- Ice cream or other products, Process and product for continuously wrapping. A. J. Asmussen and T. G. Paolillo. 2,014,961; Sept. 17.
- Ice cream suckers, Apparatus for making. W. A. Suiter. 2,019,875; Nov. 5.
- Ice creeper. F. Mong. 2,002,706; May 28.
- Ice cubes, Device for shattering. G. H. Wilkins. 1,992,645; Feb. 26.
- Ice-making. P. E. Perman. 1,997,341; Apr. 9.
- Ice making. D. K. Warner. 1,994,183; Mar. 12.
- Ice, Making table. G. L. Pownall. 1,996,050; Mar. 26.
- Ice manufacturing system. J. A. Martocello, Sr. 1,990,912; Feb. 12.
- Ice, Method of and apparatus for making. A. M. Barrett and L. N. Udell. 2,006,623; July 2.
- Ice on airplanes or the like, Preventing accumulation of. H. E. Waner. 2,025,919; Dec. 31.
- Ice, Packaging. M. T. Zeigler. 2,008,271; July 16.
- Ice pick. M. B. Pierson. 1,988,807; Jan. 22.
- Ice producing apparatus. G. L. Pownall. 1,996,049; Mar. 26.
- Ice, Producing packaged. M. T. Zeigler. 1,997,620; Apr. 16.
- Ice receptacle. H. D. Eward. 2,012,159; Aug. 20.
- Ice refrigerating display case. A. C. Jensen. 2,019,907; Nov. 5.
- Ice refrigerating system, Dry. W. W. Carson, Jr. 2,005,611; June 18.
- Ice refrigeration by conduction, Dry. L. B. Van Ike. 2,024,490; Dec. 17.
- Ice refrigeration, Dry. D. McNeil. 2,019,759; Nov. 5.
- Ice shaver. C. C. Clawson, Jr. 1,988,482; Jan. 22.
- Ice shaving machine. R. R. Smith. 1,992,733; Feb. 26.
- Ice system, Automatic low temperature. M. R. Moore. 2,009,372; July 23.
- Ice upon surfaces exposed to ice forming conditions, Controlling the accumulation of. W. C. Geer. 1,998,809; Apr. 23.
- Ice vending machine. W. H. Clayton. 1,986,714; Jan. 1.
- Ice vending machine. R. C. Wolfe. 1,993,234; Mar. 5.
- Iceing chamber for refrigerator cars and other structures. E. A. Sweeley and N. T. Anderson. 2,012,459; Aug. 27.
- Iceing mechanism. V. E. Ackles. 2,026,203; Dec. 31.
- Identification band. A. C. Horne. 1,991,673; Feb. 19.
- Identification branding machine. H. M. Smallen. 2,022,831; Dec. 3.
- Identification device. E. Galt. 1,996,288; Apr. 2.
- Identification device for toothbrushes. A. Luball. 2,016,644; Oct. 8.
- Identification tags, Apparatus for affixing. G. E. Gaus. 1,994,947; Mar. 19.
- Identifying means for thread and yarn packages. J. Gottlieb. 2,026,032; Dec. 31.
- Idle time keyer. J. L. Callahan and V. H. Brown. 2,020,822; Nov. 12.
- Idler roller supporting means for belt conveyors. C. H. Bradley. 2,022,272; Nov. 26.
- Igniter, Automatic orchard heater. E. C. Raney. 1,988,512; Jan. 22.
- Igniter-compounder for internal combustion engines. F. M. Brooke. 2,009,190; July 23.
- Igniter, Electrical. W. E. Kirst. 1,995,354; Mar. 26.
- Igniter element. T. M. Gibson. 1,994,390; Mar. 12.
- Igniter for domestic oil burner. L. J. Caron. 2,008,320; July 16.
- Igniter for gas burners. O. J. Leins. 2,015,405; Sept. 24.
- Igniter for gas burners. O. J. Leins. 2,025,351; Dec. 24.
- Igniter, Pyrophoric. W. J. Smith. 2,019,165; Oct. 29.
- Igniting device for internal combustion engines. T. G. McDougal. 2,003,453; June 4.
- Igniting device for oil burners. I. V. Abadjieff. 2,005,065; June 18.
- Ignition and steering lock. I. Knapper. 2,006,104; June 25.
- Ignition apparatus. R. W. Beckett. 1,987,094; Jan. 8.
- Ignition apparatus. C. H. Davis, Jr. 1,995,917; Mar. 26.
- Ignition apparatus. C. H. Davis, Jr. 2,015,076; Oct. 1.
- Ignition apparatus. C. H. Davis, Jr. 2,016,669; Oct. 8.
- Ignition apparatus. C. H. Davis, Jr. 2,024,630; Dec. 17.
- Ignition apparatus. J. T. Fitzsimmons. 1,997,459; Apr. 9.
- Ignition apparatus, especially for internal combustion engines, Magneto electric. J. Bohli. 2,018,830; Oct. 29.
- Ignition booster. F. W. Claybrook. 2,014,064; Sept. 10.

- Ignition-boosting device, Automatic. W. R. Curtiss. 2,024,722; Dec. 17.
- Ignition circuit. T. A. J. Hayes. 2,016,494; Oct. 8.
- Ignition circuit breaker. M. Mallory. 2,007,338; July 9.
- Ignition coil. M. Mallory. 1,998,378; Apr. 16.
- Ignition coil construction. A. J. Gogel. 2,006,239; June 25.
- Ignition composition. H. B. Alexander. 1,989,729; Feb. 5.
- Ignition composition. C. P. Spaeth. 2,007,223; July 9.
- Ignition control device. L. B. Kimball. 2,018,893; Oct. 29.
- Ignition control, Vacuum. M. Mallory. 2,009,933; July 30.
- Ignition cut-off which operates when oiling system ceases to function, Automatic. A. Thibault. 2,013,294; Sept. 3.
- Ignition device. J. Berg and R. M. Lindsay. 2,006,341; July 2.
- Ignition device. M. L. Goldman. 2,006,593; July 2.
- Ignition device. O. J. Leins. 2,010,955; Aug. 13.
- Ignition device. H. C. Little. 1,994,720; Mar. 19.
- Ignition device. E. G. Steffen. 2,011,090; Aug. 13.
- Ignition device, Automobile. R. H. Tillson. 2,024,896; Dec. 17.
- Ignition distributor. M. Mallory. 2,019,427; Oct. 29.
- Ignition, Electric spark. B. Berger. 1,991,369; Feb. 19.
- Ignition governor. M. Mallory. 2,009,936; July 30.
- Ignition lock, Automobile. C. M. H. Atherton. 1,997,289; Apr. 9.
- Ignition lock, Automobile. A. R. Lewellen. 1,997,465; Apr. 9.
- Ignition mechanism for internal combustion engines. W. J. Spengler. 2,024,015; Dec. 10.
- Ignition rotor. J. T. Fitzsimmons. 1,997,460; Apr. 9.
- Ignition system. H. C. Doane. 1,998,710; Apr. 23.
- Ignition system. O. Hasselbaum. 1,998,990; Apr. 23.
- Ignition system. H. C. Heaton. 2,005,992; June 25.
- Ignition system. R. S. June. 2,002,114; May 21.
- Ignition system. A. J. Rees. 2,012,581; Aug. 27.
- Ignition system. D. Silverman. 2,005,875; June 25.
- Ignition systems, Apparatus for inspecting. J. Walzer. 1,994,881; Mar. 19.
- Ignition timer. M. Mallory. 1,992,382-3; Feb. 26.
- Ignition timing device. M. Mallory. 1,999,333; Apr. 30.
- Ignition timing governor and distributor. M. Mallory. 2,009,935; July 30.
- Ignition trouble eliminator. R. E. Farren. 2,000,830; May 7.
- Illuminated decorative device. L. Pollock. 2,009,965; July 30.
- Illuminated direction indicator. R. E. Tisch. 1,988,403; Jan. 15.
- Illuminated display case. D. C. Hodgkin. 1,990,826; Feb. 12.
- Illuminated radio indicator. M. A. Rabkin and A. S. Greenberg. 1,985,948; Jan. 1.
- Illuminated sign. J. G. Best. 2,014,271; Sept. 10.
- Illuminated sign. H. J. Cudney. 1,989,401; Jan. 29.
- Illuminated sign. G. L. Fuller. 1,993,136; Mar. 5.
- Illuminated sign. R. E. Gearhart. 2,020,603; Nov. 12.
- Illuminated sign. L. P. Hamilton. 1,994,642; Mar. 19.
- Illuminating arrangement. J. D. Whittaker and M. B. Beck. 1,993,426; Mar. 5.
- Illuminating device. M. Adams, R. F. Howe, and P. G. Nutting. 2,006,820; July 2.
- Illuminating device. W. F. Anger. 2,010,338; Aug. 13.
- Illuminating device. C. Bol. 1,994,300; Mar. 12.
- Illuminating device. S. Dobrusskin. 2,018,254; Oct. 22.
- Illuminating device. G. V. Downer. 2,011,678; Aug. 20.
- Illuminating device. G. Heymer. 2,025,862; Dec. 31.
- Illuminating device. R. F. Howe. 2,010,083; Aug. 6.
- Illuminating device. R. J. Stock. 2,014,191; Sept. 10.
- Illuminating device, Electric. H. Harase. 1,988,555; Jan. 22.
- Illuminating device for microscopes. W. Bauersfeld. 1,995,623; Mar. 26.
- Illuminating device, Gaseous. C. H. Braselton. 2,007,947; July 9.
- Illuminating element. R. Römer. 2,001,852; May 21.
- Illuminating means for highways and sidewalks. J. B. Strauss. 1,991,584; Feb. 19.
- Illuminating means for matrix reference character. R. H. Turner and L. W. Willis. 1,996,712; Apr. 2.
- Illuminating system for projecting motion pictures in color. R. Thomas. 2,016,692; Oct. 8.
- Illuminating unit for railway signals. C. H. Larson. 2,009,504; July 30.
- Illumination. W. Honing. 2,006,140; June 25.
- Illumination apparatus. C. M. Moss. 1,991,058; Feb. 12.
- Illumination apparatus to a microscope, Device for connecting an. W. Bauersfeld and M. Hübschmann. 1,991,997; Feb. 19.
- Illumination control system. F. R. Elder and H. B. La Roque. 2,008,494; July 16.
- Illumination of instrument dials. J. H. Little. 2,003,807; June 4.
- Illumination lamp. N. D. Levin. 2,016,722; Oct. 8.
- Illusion device. W. H. Chandlee. 1,996,457; Apr. 2.
- Illustration. C. A. Mazoon. 1,994,893; Mar. 19.
- Illustrations, Making. M. J. Baldwin. 1,988,106; Jan. 15.
- Image transmission apparatus. H. Robeck. 2,026,100; Dec. 31.
- Images, Apparatus for the formation of. N. Deisch. 2,000,380; May 7.
- Images, Device for producing enlarged. R. S. Hopkins. 2,008,982; July 23.
- Images of objects, Method of and apparatus for producing. V. K. Zworykin. 2,021,907; Nov. 26.
- Images, Method of and apparatus for the formation of. N. Deisch. 2,000,379; May 7.
- Imidols, Process and products relating to. W. J. Hund and L. Rosenstein. 1,990,453; Feb. 5.
- Imidozole derivatives useful especially as textile assistants and making same. C. Graenacher and F. Ackermann. 2,004,864; June 11.
- Immersing machine. S. Przyborowski. 2,002,795; May 28.
- Impact testing machine and method. J. H. Abramson. 2,001,087; May 14.
- Impact tool. R. H. Pott. 2,012,916; Aug. 27.
- Impact tool. R. E. Thompson. 1,989,119; Jan. 29.
- Impedance box. L. Behr. 2,015,651; Oct. 1.
- Impedance set. L. Behr. 2,005,986; June 25.
- Impeller. C. M. Snyder and F. A. Walker. 2,000,720; May 7.
- Impeller. R. W. Weeks. 2,008,234; July 16.
- Impeller. A. J. Weinig. 1,998,694; Apr. 23.
- Impervious container. H. C. Aument. 2,019,242; Oct. 29.
- Implement for crushing ice. W. P. O'Neil. 1,994,004; Mar. 12.
- Implement for cutting vegetable growths. E. G. Ward. 2,020,448; Nov. 12.
- Implement for driving staples, fasteners, and the like. J. F. Cavanagh. 2,001,092; May 14.
- Implement of warfare. V. Gonzales. 1,990,865; Feb. 12.
- Implement operating means. W. G. Stearns. 2,021,158; Nov. 19.
- Implement shanks, Forming. P. H. Shuster. 1,987,520; Jan. 8.
- Impregnated articles, Manufacture of. G. A. Richter. 1,995,599; Mar. 26.
- Impregnating material. B. J. Victor. 2,025,486; Dec. 24.
- Impression material. L. E. Harrison. 2,021,059; Nov. 12.
- Impulse coupling. H. G. Cox. 2,014,103; Sept. 10.
- Impulse generator. R. C. Coupland. 1,998,446-7; Apr. 23.
- Impulse generator. J. T. Lusignan, Jr. 1,997,064; Apr. 9.
- Impulse transmitter. H. W. Goff. 2,017,438; Oct. 15.
- Impurities from coal or other mineral products and the like, Process and apparatus for removing. W. S. Ayres. 2,008,122; July 16.
- Impurities from gasoline, Eliminating. R. B. Day. 2,001,185; May 14.
- Incandescent bodies, Method and apparatus for operating. F. Skaupy. 1,987,220; Jan. 8.
- Incandescent filament lamp. D. E. Straty and S. Straty. 2,007,412; July 9.
- Incandescent lamp. F. Blau. 2,025,565; Dec. 24.
- Incandescent lamp. L. G. Sovulewski and G. M. Booth. 2,022,747; Dec. 3.
- Incandescent lamp, Electric. A. E. Chapman. 1,993,829; Mar. 12.
- Incandescent lamp, Electric. G. Chelioti. 1,985,915; Jan. 1.
- Incandescent mantles, Making. C. S. Francis, Jr. 1,993,778; Mar. 12.
- Incense. E. Frantz. 2,003,684; June 4.
- Incense and making the same. M. G. Neumann. 2,014,072; Sept. 10.
- Inching process for shaping packing rings. H. T. Wheeler. 2,006,377; July 2.
- Incinerating furnace. D. P. Tynan. 1,991,828; Feb. 19.
- Incinerating means. M. C. Schwab. 2,014,455; Sept. 17.
- Incinerating method and apparatus. D. Baird and R. W. Rowen. 2,015,050; Sept. 17.
- Incineration. W. L. McEver. 1,995,893; Mar. 26.
- Incineration. D. S. Shenwell and R. S. Webb. 1,991,986; Feb. 19.
- Incinerator. A. F. Martel. 2,024,652; Dec. 17.
- Incinerator. W. L. McEver. 1,996,585; Apr. 2.
- Incinerator. W. L. McEver. 1,997,306; Apr. 9.
- Incinerator. J. P. McKinley. 2,010,460; Aug. 6.
- Incinerator. C. I. Nielsen. 2,007,657; July 9.
- Incinerator. K. F. Triggs. 1,985,962; Jan. 1.
- Incinerator control. H. W. Ewing. 2,002,659; May 28.
- Incinerator device. K. J. Tobin. 1,996,631; Apr. 2.
- Incinerator furnace. J. E. Greenawalt. 2,005,082; June 18.
- Inclination in driving sectional sheet piling, Correcting. E. L. Bowen. 1,999,924; Apr. 30.
- Inclination indicating device for oil wells. T. L. Lynch, H. L. Rilling, and H. A. Redfield. 1,988,741; Jan. 22.
- Inclinometer. E. C. Potter. 2,005,634; June 18.
- Inclosed electric heater. L. C. Hyatt. 1,995,000; Mar. 19.
- Incubator. E. T. Brace. 2,020,133; Nov. 5.
- Incubator. A. H. Brain and F. G. Timmins. 1,987,462; Jan. 8.
- Incubator. A. V. Demmitt. 2,012,867; Aug. 27.
- Indanthrene blue, Preparing. W. M. Murch. 1,990,954; Feb. 12.
- Indanthrone printing color. R. J. Goodrich and J. Delnet. 1,993,660; Mar. 5.
- Index and signal. C. C. Kitchen. 2,005,977; June 25.
- Index, Card. J. A. Best. 2,000,657; May 7.
- Index, Card. R. A. Chadwick, Jr. 2,005,453; June 18.
- Index card. F. Hiller. 2,001,462; May 14.
- Index, Card. A. F. Hunt. 2,019,816; Nov. 5.
- Index card. F. Thomas. 2,021,950; Nov. 26.
- Index, Card. W. H. Shortlidge. 1,998,173; Apr. 16.

- Index card and system, Visible multiple signal. H. B. Holland. 1,996,110; Apr. 2.
- Index card holder, Visible. R. A. Furlong. 2,015,519; Sept. 24.
- Index device. B. G. Rand and E. G. Layer. 2,015,460; Sept. 24.
- Index dial plate. H. D. Pape. 1,995,036; Mar. 19.
- Index file. C. A. Finley and E. G. Layer. 2,009,341; July 23.
- Index, Loose leaf visible. R. F. Power. 1,995,674; Mar. 26.
- Index or record, Sectional. H. O. Ross. 1,986,015; Jan. 1.
- Index slip holder. C. Goldstein. 1,998,503; Apr. 23.
- Index tab. H. C. Osborn. 2,005,749; June 25.
- Index tab. F. A. Schmitz. 2,016,259; Oct. 1.
- Indexing device. R. O. Blackwood. 1,990,019-20; Feb. 5.
- Indexing device. H. Hill. 2,010,784; Aug. 6.
- Indexing device. J. Q. Holmes. 1,994,995; Mar. 19.
- Indexing device for dividing heads. W. J. Vocke. 2,012,859; Aug. 27.
- Indexing mechanism. R. J. Beavers. 2,008,848; July 23.
- Indexing mechanism for automatic multiple spindle screw machines. A. E. Drissner. 1,991,382; Feb. 19.
- Indexing mechanism, Hydraulic. A. P. Steiner and H. E. Balsiger. 2,015,414; Sept. 24.
- India-rubber spring. A. Spencer. 2,001,855; May 21.
- Indicating and control device. W. E. Newman. 2,019,925; Nov. 5.
- Indicating and operating mechanism. J. E. Soons. 1,988,255; Jan. 15.
- Indicating apparatus. T. J. Smulski. 2,004,421; June 11.
- Indicating apparatus for sizing machines. O. Stoeger. 2,024,890; Dec. 17.
- Indicating device. G. A. Brilling. 2,025,151; Dec. 24.
- Indicating device. W. F. Bull. 2,005,452; June 18.
- Indicating device. E. A. Chenault. 1,990,317; Feb. 5.
- Indicating device. W. O. Fullerton. 1,998,836; Apr. 23.
- Indicating device. R. A. Harper. 1,992,028; Feb. 19.
- Indicating device. E. A. Leach. 2,016,149; Oct. 1.
- Indicating device. V. K. Zworykin. 2,013,594; Sept. 3.
- Indicating device, Coin controlled. S. N. Hurt. 2,002,373; May 21.
- Indicating device for cameras for preventing double exposed films and loss of films. D. P. Thomson. 2,023,623; Dec. 10.
- Indicating device for displaying variable information. N. Sandor. 2,013,506; Sept. 3.
- Indicating device for flaw detector mechanism. F. D. Bradon and A. N. Lawrence. 2,003,336; June 4.
- Indicating instrument. H. J. Hartley and E. Aschenbach. 2,015,474; Sept. 24.
- Indicating instrument. E. Hedley. 2,009,449; July 30.
- Indicating instrument. L. A. Mapel. 2,020,560; Nov. 12.
- Indicating means for switch machines. A. Langdon. 2,003,944; June 4.
- Indicating mechanism for measuring instruments. A. Nutsford. 2,017,183; Oct. 15.
- Indicating scale for wireless receivers. A. G. D. West. 2,019,882; Nov. 5.
- Indicating system. H. E. Hershey. 1,999,810; Apr. 30.
- Indicating system for high-tension ignition devices. A. Kornfeld. 1,988,245; Jan. 15.
- Indicator: See—
- Adjustable price indicator. Gyroscopic position indicator.
- Aircraft deviation indicator. Gyroscopic turn indicator.
- Airplane indicator. Headlight indicator.
- Airplane attitude indicator. Heat indicator.
- Alignment indicator. Height indicator.
- Angle indicator. High potential or current indicator.
- Antifreeze indicator. Illuminated direction indicator.
- Balance indicator. Illuminated radio indicator.
- Brake indicator. Level and angle indicator.
- Caging indicator. Lighting circuit indicator.
- Compass and level indicator. Liquid flow indicator.
- Contact indicator. Liquid level indicator.
- Course and distance indicator. Load indicator.
- Demand indicator. Mechanical end-of-line indicator.
- Dial indicator. Moisture indicator.
- Dial test indicator. Ninety degree dial indicator.
- Direction indicator. Oil grade indicator.
- Electric radiation indicator. Oil tank level indicator.
- Electrolyte level indicator. Page end indicator.
- Electromagnetic indicator. Piston ring quality indicator.
- Elevator timing indicator. Portable vibration indicator.
- End-of-line indicator. Position indicator.
- Excess current indicator. Potentiometric indicator.
- File indicator. Program indicator.
- Flow indicator. Pull indicator.
- Fluid flow indicator. Radio course indicator.
- Fluid level indicator. Radio direction indicator.
- Fluid pressure indicator. Radio program indicator.
- Flying-time and like indicator. Roof pitch indicator.
- Frequency indicator. Shadow tuning indicator.
- Front wheel indicator. Slip indicator.
- Fuel indicator. Specific gravity indicator.
- Furnace draft indicator. Temperature indicator.
- Gas concentration indicator.
- Grade indicator.
- Indicator: See—
- Tension indicator. Turn indicator.
- Terminal fixture aperture indicator. Vehicle direction indicator.
- Tilt indicator. Vehicle-wheel alignment indicator.
- Time indicator. Voltage surge indicator.
- Tire pressure indicator. Weight indicator.
- Traffic indicator.
- Train indicator.
- Indicator. E. L. Barrett. 1,993,989; Mar. 12.
- Indicator. H. A. Christian. 2,022,844; Dec. 3.
- Indicator. W. W. Dewhurst. 1,990,639; Feb. 12.
- Indicator. A. Idail. 2,020,061; Nov. 5.
- Indicator. R. G. Williams. 1,996,315; Apr. 2.
- Indicator. A. G. Winters. 1,994,497; Mar. 19.
- Indicator. T. J. Woods. 2,010,470; Aug. 6.
- Indicator attachment for taxi meters. P. R. Braun. 1,993,827; Mar. 12.
- Indicator card for annunciators and the like. R. S. Edwards. 2,010,775; Aug. 6.
- Indicator device for visible jumps. L. E. Rush. 1,987,579; Jan. 8.
- Indicator face. B. C. Moise, Jr. 2,023,934; Dec. 10.
- Indicator for aircraft. D. P. Beamer. 2,021,250; Nov. 19.
- Indicator for bottles. R. J. Adams. 2,006,616; July 2.
- Indicator for burden level of blast furnaces. P. Zimmermann. 1,996,784; Apr. 9.
- Indicator for card games. E. and W. Sachsenmaier. 1,986,362; Jan. 1.
- Indicator for electric fuses. S. Baker. 2,021,473; Nov. 19.
- Indicator for guide disks, Thrust. S. E. Diescher. 1,996,148; Apr. 2.
- Indicator for incandescent lamps. H. H. Helmbright. 2,021,062; Nov. 12.
- Indicator for pressure regulators, Seat leak. G. M. Deming. 2,002,883; May 28.
- Indicator for vehicle lights. L. F. Ballou. 1,997,948; Apr. 16.
- Indicator for vehicles, Direction turn. C. M. Roan. 2,006,654; July 2.
- Indicator for water gauges. J. McClain. 2,007,687; July 9.
- Indicator for zeolite softeners. O. R. Sweeney and T. B. Clark. 2,003,760; June 4.
- Indicator light. R. W. Reitherman and A. H. Cokell. 2,018,874; Oct. 29.
- Indigo, Producing. W. R. Waldron. 2,020,387; Nov. 12.
- Indigo slurries, Decanting. D. W. Van Dongen. 1,987,879; Jan. 15.
- Indol compound. F. Ballauf and A. Schmelzer. 2,003,421; June 4.
- Indoles, Manufacture of. H. A. Piggott and E. H. Rodd. 2,006,718; June 2.
- Indophenols, Sulphurized. P. Schick and H. Lauth. 2,006,514; July 2.
- Inductance coil and manufacture thereof. F. E. Robinson. 1,994,534; Mar. 19.
- Inductance connector. P. F. Scofield. 2,014,638; Sept. 17.
- Inductance device. W. F. Cotter and M. E. Bond. 2,025,093; Dec. 24.
- Inductance device. A. G. Ganz. 2,008,859; July 23.
- Inductance device, Balanced. A. G. Ganz. 2,026,308; Dec. 31.
- Inductance device, Variable. W. J. Polydoroff. 2,005,203; June 18.
- Inductances, Capacities, and resistances, Device for unifying. J. J. Aurynger. 2,001,235; May 14.
- Inductances, Making. R. M. Heintz. 1,994,767; Mar. 19.
- Induction apparatus, Electric. E. F. Northrup. 1,989,376; Jan. 29.
- Induction coil. G. Rigante. 1,996,729; Apr. 2.
- Induction heater. J. L. Adams, Jr. 1,987,458; Jan. 8.
- Induction heater. T. H. Long. 1,995,811; Mar. 26.
- Induction heater, Transformer coupled. J. K. Delano. 1,999,446; Apr. 30.
- Induction heating of enclosed elements. W. W. Eitel and J. McCullough. 2,012,039; Aug. 20.
- Induction machine. E. W. Petersen and W. A. Singer. 2,005,201; June 18.
- Induction meter, Temperature compensated. E. Spahn. 2,022,392; Nov. 26.
- Induction motor. E. D. Lilja. 2,010,869; Aug. 13.
- Induction relay. J. S. Parsons. 2,013,836; Sept. 10.
- Induction sheeh heater. T. H. Long. 2,005,901; June 25.
- Induction system for internal combustion engines. A. Swan and W. Helmore. 2,001,164; May 14.
- Inductive device. F. J. Given. 2,005,582; June 18.
- Inductive time-limit acceleration. W. Schaelchlin. 1,994,925; Mar. 19.
- Indicator. R. M. Heintz. 2,014,650; Sept. 17.
- Indicator for induction welding machine. C. G. Jones. 2,007,167; July 9.
- Industrial wastes, Disposal of. G. M. Cole and H. W. Hall. 1,991,242; Feb. 12.
- Inertia brake. C. D. Peterson. 1,991,625; Feb. 19.
- Infant's toilet seat. C. W. Steele and D. I. Levine. 1,998,854; Apr. 23.
- Inflatable articles, Making. V. H. Hurt. 2,001,785; May 21.
- Inflatable spiral tube. S. Willig. 2,012,211; Aug. 20.
- Inflated article and making the same. C. S. McChesney. 2,000,452; May 7.
- Inflater connector. R. Borel. 2,013,846; Sept. 10.
- Ingot casting apparatus. H. C. Snook. 1,998,258; Apr. 16.

- Ingot, Centrifugally-cast circular. J. L. Adams, Jr. 2,005,175; June 18.
- Ingot heating furnace, Circular. J. L. Adams, Jr. 2,013,905; Sept. 10.
- Ingot mold. O. L. Jones. 1,989,096; Jan. 29.
- Ingot mold. E. J. Kauffman. 2,001,879; May 21.
- Ingot molds, Apparatus for stripping. D. P. Anderson. 2,017,384-5; Oct. 15.
- Ingot stripper. D. Kendall. 2,007,275; July 9.
- Ingot surface defects, Method and mold for eliminating. E. J. Kauffman. 2,018,762; Oct. 29.
- Ingot transfer arm. J. L. Adams, Jr. 2,012,414; Aug. 27.
- Ingots and tubes, Manufacture of hollow. E. F. Jones. 2,019,820; Nov. 5.
- Ingots, Apparatus for casting. E. W. Brown. 1,994,683; Mar. 19.
- Ingots, Apparatus for the production of hollow. E. F. Jones and W. Mauss. 1,996,335; Apr. 2.
- Ingots, Apparatus for transporting. J. L. Adams, Jr. 2,009,127; July 23.
- Ingots, Casting metal. A. R. Rowe. 2,005,169; June 18.
- Ingots, Making composite. F. R. Frost. 2,005,338; June 18.
- Ingredients, Apparatus for proportioning. C. J. Moroney and W. O. Witherspoon. 2,005,950; June 25.
- Inhalant device. C. V. McGuire. 1,998,327; Apr. 16.
- Inhalant dispenser. L. C. Schiff. 2,012,522; Aug. 27.
- Inhalation apparatus. E. Silten. 2,021,332; Nov. 19.
- Inhalation device. H. A. Gilquin. 2,025,659; Dec. 24.
- Inhalator. W. G. Johnson and H. Kirkham. 2,023,324; Dec. 3.
- Inhaler for detecting halitosis, Facial. G. C. Decker. 2,009,355; July 23.
- Inhibitor. A. Macarthur and A. J. Hailwood. 2,006,216; June 25.
- Inhibitor and method of preventing the chemical attack of metals. F. D. Burke. 2,019,559; Nov. 5.
- Initial stamping device. L. Danenberg. 2,019,395; Oct. 29.
- Initiator. H. K. Babbitt and H. A. Lewis. 2,007,959; July 16.
- Initiator. E. T. Lednum. 2,024,586; Dec. 17.
- Injection apparatus for fuel for internal combustion engines. W. D. Marchant and R. N. Stewart. 2,017,009; Oct. 8.
- Injection device. W. Herrmann. 2,006,572; July 2.
- Injection engine. J. B. Fisher and M. Hofmann. 2,000,225; May 7.
- Injection engine. F. Lang. 1,998,725; Apr. 23.
- Injector. H. A. Clauss. 2,007,269; July 9.
- Injector. E. Henkel, A. Williams, and R. M. Ostermann. 2,004,281; June 11.
- Injector. I. P. Pedrick. 2,012,348; Aug. 27.
- Injector apparatus for case hardening retorts. P. C. Osterman. 2,010,926; Aug. 13.
- Injector, Nonlifting. H. Deutsch and P. Jomek. 1,994,124; Mar. 12.
- Ink. A. Schubert. 2,013,291; Sept. 3.
- Ink and making same, Emulsion printing. E. H. McLeod. 2,005,945; June 25.
- Ink container. L. A. Paul. 2,020,203; Nov. 5.
- Ink feed. H. A. W. Wood. 1,986,456; Jan. 1.
- Ink fountain, Constant level. H. C. Jordhoy. 2,018,959; Oct. 29.
- Ink fountain for printing presses. J. E. McMullen. 2,017,545; Oct. 15.
- Ink fountain regulator. H. C. Jordhoy. 2,003,544; June 4.
- Ink, Graining. C. B. Hemming. 2,008,018; July 16.
- Ink, Offset printing. C. P. Shaw. 1,989,250; Jan. 29.
- Ink pad. C. D. Ryan. 1,987,802; Jan. 15.
- Ink, Printing. A. J. Gautsche. 2,018,060; Oct. 22.
- Ink, Printing. E. J. Kelly. 2,002,537; May 28.
- Ink, Printing. A. Schneider. 1,992,016; Feb. 19.
- Inkstand. G. J. Sengbusch. 2,022,743; Dec. 3.
- Ink, Stencil and marking. W. Ernest. 2,002,939; May 28.
- Ink to ink transfer members, Supplying. G. E. Pelton. 2,005,503; June 18.
- Ink to the printing plates of high-speed copper printing machines, Process and apparatus for applying. F. von Heinrich. 1,989,121; Jan. 29.
- Ink, Transfer. O. F. Lohmann. 1,990,193; Feb. 5.
- Inkwell. L. H. Juster. 2,002,092; May 21.
- Ink well and pen filling device. D. E. Wade. 2,000,501; May 7.
- Inkwell, Self-feeding. J. L. Cunningham. 1,992,473; Feb. 26.
- Ink, Writing. W. B. Marshall. 2,008,620; July 16.
- Inking device. W. A. Roehm. 1,993,284; Mar. 5.
- Inking device. C. L. H. Suplgeau and R. R. J. Guyot. 2,013,812; Sept. 10.
- Inking mechanism. H. J. Buttner. 1,995,701; Mar. 26.
- Inking mechanism. C. W. Harrold and C. G. Horton. 2,022,717; Dec. 3.
- Inking mechanism. C. D. Ryan. 1,987,800; Jan. 15.
- Inking mechanism. H. A. W. Wood. 2,017,932; Oct. 22.
- Inking mechanism and method. E. J. Smith. 2,018,193; Oct. 22.
- Inking mechanism for multicolor printing presses. O. H. Banker. 2,022,840; Dec. 3.
- Inking mechanism for printing machines. F. Lamatsch. 1,988,454; Jan. 22.
- Inking mechanism for printing machines. F. Lamatsch. 2,005,916; June 25.
- Inking mechanism for printing presses. A. and E. Kluge. 2,002,032; May 21.
- Inking mechanism for printing presses. F. Lamatsch. 2,006,360; July 2.
- Inking mechanism for printing machines. F. G. Louges. 2,016,287; Oct. 8.
- Inking mechanism for rotary printing presses. H. M. Barber. 1,996,607; Apr. 2.
- Inks, Drying of printing. F. E. Hartman. 1,993,404; Mar. 5.
- Inlaid molded article, Making an. C. Stresino. 2,026,105; Dec. 31.
- Inlet structure for conduits, Adjustable. E. F. Murray. 2,005,297; June 18.
- Inner tube. E. Eger. 2,014,129; Sept. 10.
- Inner tube and making it, Pneumatic. P. W. Litchfield. 1,989,643; Jan. 29.
- Inner tube, Making an. R. S. Taylor, P. M. Torrance, and R. H. Anderson. 1,992,514; Feb. 26.
- Insect catching lamp. H. House. 1,996,293; Apr. 2.
- Insect destroyer and/or repellent to domestic animals, Device for applying an. J. L. Clark and N. Mansfield. 1,999,122; Apr. 23.
- Insect destroying implement. H. E. Schellenberger. 1,988,573; Jan. 22.
- Insect electrocuting device. W. F. Folmer. 1,985,921; Jan. 1.
- Insect exterminator. J. Dillman. 1,989,405; Jan. 29.
- Insect repellent. E. W. Adams. 2,000,004; May 7.
- Insect trap. D. E. Armstrong and F. W. Metzger. 2,020,283; Nov. 12.
- Insect trap. E. J. Perry. 1,990,049; Feb. 5.
- Insect trap. G. T. Schroder. 2,000,193; May 7.
- Insect trapping and exterminating device. H. S. Beall. 2,012,651; Aug. 27.
- Insecticidal and fungicidal agent and method. J. W. Van Meter. 2,025,365; Dec. 24.
- Insecticidal and fungicidal composition. A. G. V. Berry. 2,017,391; Oct. 15.
- Insecticidal dust and process of applying liquid insecticide. W. H. Volck. 1,990,966; Feb. 12.
- Insecticidal or fungicidal material, Apparatus for applying. W. B. Parker. 2,012,973; Sept. 3.
- Insecticidal preparation. H. Schotte and K. Gornitz. 2,024,392; Dec. 17.
- Insecticide. W. M. Dickson. 1,987,391; Jan. 8.
- Insecticide. C. B. Gnadinger. 2,017,594-5; Oct. 15.
- Insecticide. C. C. Hamilton. 1,898,981; Feb. 5.
- Insecticide. L. C. Heckert. 2,024,098; Dec. 10.
- Insecticide. L. E. Mills. 2,017,506; Oct. 15.
- Insecticide. R. C. White. 1,990,422; Feb. 5.
- Insecticide and fungicide. T. P. Remy. 1,986,218; Jan. 1.
- Insecticide and fungicide. C. F. Teichmann. 2,015,045; Sept. 17.
- Insecticide and fungicide and making the same. M. T. Inman. 2,011,765; Aug. 20.
- Insecticide and fungicide and preparing same. E. R. de Ong and E. B. Smith. 1,996,100; Apr. 2.
- Insecticide and fungicide and producing same. D. R. Merrill. 1,988,175; Jan. 15.
- Insecticide and/or fungicide. W. A. Forbes. 1,987,005; Jan. 8.
- Insecticide and the like. F. F. Lindstaedt. 2,007,721; July 9.
- Insecticide and the like. F. F. Lindstaedt. 2,007,722; July 9.
- Insecticide and using same, Nitrogen. F. J. De Rewal. 2,019,121; Oct. 29.
- Insecticide and wood preservative and producing same. D. R. Merrill. 1,988,177; Jan. 15.
- Insecticide and wood preservative and producing same. D. R. Merrill. 1,988,178; Jan. 15.
- Insecticide applicator. J. L. Clark and N. Mansfield. 1,999,123; Apr. 23.
- Insecticide composition. W. Moore. 2,005,797; June 25.
- Insecticide, Contact. E. W. Bousquet. 2,006,227; June 25.
- Insecticide dispensing appliance. P. E. Lirio. 1,997,492; Apr. 9.
- Insecticide, Electric. W. E. Lippert. 1,990,338; Feb. 5.
- Insecticide, Light stable. V. Voorhees. 2,011,428; Aug. 13.
- Insecticides and fungicides and making the same. R. H. Hurt. 2,006,895; July 2.
- Insecticides and fungicides, Manufacture of. J. H. James. 2,006,456; July 2.
- Insecticides and the like, Producing. J. W. Horne and C. P. Hopkins. 1,990,490; Feb. 12.
- Insecticides, Calcium arsenate. J. Hagood. 1,996,016; Mar. 26.
- Insecticides, Method of and apparatus for spraying. A. A. Breuer. 1,990,165; Feb. 5.
- Insects, Apparatus for capturing. V. Menasché. 2,013,969; Sept. 10.
- Insert holding device. W. A. Hatch. 1,987,061; Jan. 8.
- Inserting machine. M. H. Moore. 2,022,475; Nov. 26.
- Inside casing cutter. W. J. Flury, L. P. Brandel, and F. Halfen. 1,998,804; Apr. 23.
- Inside casing cutter. O. J. McCullough. 2,015,277; Sept. 24.
- Insignia to confection, Method and apparatus for applying. F. T. Krein. 1,991,617; Feb. 19.
- Insole. A. H. Stein. 2,016,522; Oct. 8.
- Insole and making insoles. E. E. Murphy. 2,015,760; Oct. 1.
- Insole for footwear. J. Aniello. 2,024,022; Dec. 10.
- Insoles, Making ribbed. F. F. Eno. 1,998,125; Apr. 16.
- Inspection device. R. V. Terry. 2,003,401; June 4.

- Inspection device for flat work ironers. L. M. Kahn. 2,025,109; Dec. 24.
- Installation for handling a lifeboat. A. P. Schat. 2,016,838; Oct. 8.
- Installation for producing carbonated beverages. E. Fernholz. 1,988,035; Jan. 15.
- Instrument. A. F. Spitzglass. 2,008,970; July 23.
- Instrument for electro-surgical treatment of tissue. R. H. Wappler and F. Charles. 2,002,594; May 28.
- Instrument for enciphering and deciphering. N. A. Smith. 2,003,812; June 4.
- Instrument for examining convexly curved surfaces. H. Hartinger. 2,016,780; Oct. 8.
- Instrument for examining tubes and cavities in the human and other bodies. G. Wolf. 1,995,196; Mar. 19.
- Instrument for locating anchors for telephone poles and the like. J. L. Sherritt. 2,008,113; July 16.
- Instrument for locating the metatarsal arch. C. E. Williams. 2,020,045; Nov. 5.
- Instrument for measuring parallel coordinates. O. Eppenstein. 1,987,773; Jan. 15.
- Instrument for plotting maps from photographs. G. Hess. 1,999,236; Apr. 30.
- Instrument for teaching calculation. G. Meyer. 2,010,160; Aug. 6.
- Instrument for testing the pitch of threads. A. Steinle. 2,004,225; June 11.
- Instrument for the treatment of nasal passages. J. C. Shotton. 2,007,287; July 9.
- Instrument for treating teeth. C. J. F. Jackson. 1,996,205; Apr. 2.
- Instrument mount. G. Johnston. 1,990,491; Feb. 12.
- Instrument or gauge for measuring relative lengths or variations in lengths. L. H. Hounsfeld. 1,992,573; Feb. 26.
- Instrument panel. H. D. Allee. 2,022,175; Nov. 26.
- Instrument panel for automobiles. T. H. Arrison. 2,023,719; Dec. 10.
- Instrument producing music. H. W. Nernst. 1,988,564; Jan. 22.
- Insulated cover. R. L. Bangs and W. A. Hermanson. 2,006,706; July 2.
- Insulated electrical conductor. A. Rheiner. 2,017,607; Oct. 15.
- Insulated metallic container. E. D. Thompson. 2,005,247; June 18.
- Insulated pipe joint. J. A. Perry. 1,986,357; Jan. 1.
- Insulated rail joint. R. W. Payne. 2,016,214; Oct. 1.
- Insulating air cell. J. N. Hadjisky. 1,998,671; Apr. 23.
- Insulating and cooling composition for electric devices. F. M. Clark. 2,019,336; Oct. 29.
- Insulating board, Method and apparatus for apparatus. D. H. Patterson, Jr. 2,011,183; Aug. 13.
- Insulating body, Fireproof heat and sound. G. H. Ellis. 2,017,344; Oct. 15.
- Insulating body for radio apparatus. S. M. Kaplan. 1,995,150; Mar. 19.
- Insulating composition for impregnating electrical tape. F. M. Clark and R. A. Ruscetta. 2,004,781; June 11.
- Insulating compositions, Treating normally cold-moldable plastic. L. T. Richardson. 2,010,034; Aug. 6.
- Insulating covering for pipes. J. M. Weaver. 1,986,952; Jan. 8.
- Insulating housing. D. F. Comstock. 2,000,882; May 7.
- Insulating housing structure. H. B. Lindsay. 2,017,629; Oct. 15.
- Insulating material. R. Engelhardt. 2,005,840; June 25.
- Insulating material. C. Kohler. 1,990,434; Feb. 5.
- Insulating material. J. F. Palmer. 1,997,389; Apr. 9.
- Insulating material. R. Winship. 1,993,470; Mar. 5.
- Insulating material and product, Flexible laminated. W. A. Boughton. 1,992,907; Feb. 26.
- Insulating material and waterproofing same. Heat. E. A. Toohey and A. Hughes. 2,005,356; June 18.
- Insulating material, Electrical. W. S. Smith, H. J. Garnett, H. C. Channon, and J. N. Dean. 1,989,563; Jan. 29.
- Insulating material, Manufacture of flexible electrical. D. Traill. 1,994,931; Mar. 19.
- Insulating material, Producing. H. M. Gaarder. 1,996,043; Mar. 26.
- Insulating material, Thermal. S. Rupprich. 1,987,798; Jan. 15.
- Insulating materials, Electrical. W. S. Smith, H. J. Garnett, J. N. Dean, B. J. Habgood, and H. C. Channon. 1,990,844; Feb. 12.
- Insulating materials, Impregnation of. G. T. Kohman. 2,026,316; Dec. 31.
- Insulating slabs, Making. H. Libberton. 1,990,554; Feb. 12.
- Insulating sleeves, Manufacturing. O. E. Vilén and T. G. Bergénhr. 2,007,779; July 9.
- Insulating structure and material. M. C. Owings. 2,012,019; Aug. 20.
- Insulating unit. C. H. Thayer. 1,997,324; Apr. 9.
- Insulating wall unit. C. W. Attwood. 2,014,035; Sept. 10.
- Insulation. W. T. Peirce. 1,998,057; Apr. 16.
- Insulation against losses of heat and cold. O. Schlichting. 2,001,632; May 14.
- Insulation and making the same, Thermal. E. S. Hurrell. 2,016,039; Oct. 1.
- Insulation and making the same. F. W. Jackson. 1,988,420; Jan. 15.
- Insulation and manufacture. G. A. Nicol, Jr. 2,019,233; Oct. 29.
- Insulation article, Molded. W. C. Tregoning. 2,008,777; July 23.
- Insulation board, Making. A. G. Brown and S. E. McPartlin. 2,012,805; Aug. 27.
- Insulation, Electrical. M. Hagedorn. 1,993,838; Mar. 12.
- Insulation for rail joints. E. F. Schermerhorn. 1,997,949; Apr. 16.
- Insulation for wall structures, Heat. E. Schmidt. 2,015,817; Oct. 1.
- Insulation, Heat. C. G. Munters. 2,012,617; Aug. 27.
- Insulation, particularly for refrigerators or the like. C. G. Munters. 2,019,194; Oct. 29.
- Insulation stripping machine. C. E. Mason. 2,021,421; Nov. 19.
- Insulation, Making thermal. M. C. Huggett. 2,023,422; Dec. 10.
- Insulation, Thermal. M. C. Huggett. 2,001,912; May 21.
- Insulation, Thermal. T. J. O'Neil. 1,996,435; Apr. 2.
- Insulation to a fluid conduit and apparatus therefor, Applying. T. D. Nathan and A. B. Merrill. 2,016,905; Oct. 8.
- Insulation unit. O. M. Gross. 1,987,147; Jan. 8.
- Insulator. A. O. Austin. 1,988,150; Jan. 15.
- Insulator. A. O. Austin. 1,994,265-6; Mar. 12.
- Insulator. A. O. Austin. 2,011,137; Aug. 13.
- Insulator. F. G. Boyard. 1,988,155; Jan. 15.
- Insulator. E. H. Fischer. 2,008,414; July 16.
- Insulator. M. H. Hunt and G. M. Barrow. 1,987,683; Jan. 15.
- Insulator. M. H. Hunt and G. M. Barrow. 1,997,688; Apr. 16.
- Insulator. J. T. Lusignan, Jr. 1,994,281; Mar. 12.
- Insulator. E. M. Meyer. 2,024,831; Dec. 17.
- Insulator. W. A. Smith. 1,994,291; Mar. 12.
- Insulator. C. L. Stroup. 2,008,342; July 16.
- Insulator. J. J. Taylor. 1,994,292-3; Mar. 12.
- Insulator. J. J. Taylor. 1,997,439; Apr. 9.
- Insulator. G. M. Whisler. 1,997,666; Apr. 16.
- Insulator and method of assembly. G. A. Matthews. 2,014,441; Sept. 17.
- Insulator, Bracket. W. C. Banks. 1,992,284; Feb. 26.
- Insulator bracket. R. R. Pittman. 2,018,532; Oct. 22.
- Insulator, Bushing. A. O. Austin. 1,994,267; Mar. 12.
- Insulator coating, Applying. L. E. Power. 1,997,874; Apr. 16.
- Insulator construction. G. W. Lapp and R. L. Jenner. 1,998,549; Apr. 23.
- Insulator, Electrical. J. H. Powers. 2,006,931; July 2.
- Insulator element and manufacture thereof. S. H. Stupakoff, F. J. Fallon, and S. G. Suter. 2,016,028; Oct. 1.
- Insulator, Fireproof thermal. L. D. Morton. 2,018,800; Oct. 29.
- Insulator, Fog type. J. T. Lusignan, Jr. 1,994,282; Mar. 12.
- Insulator for handled vessels. J. L. Grant. 2,009,999; Aug. 6.
- Insulator for kitchen ranges. A. D. Sweet. 2,016,729; Oct. 8.
- Insulator for storage battery plates. T. A. W. Thomas. 2,005,275; June 18.
- Insulator, High tension. H. Rost. 1,991,700; Feb. 19.
- Insulator, High tension. C. L. Stroup. 2,008,341; July 16.
- Insulator rack. C. L. Peirce, Jr. 2,019,992; Nov. 5.
- Insulator racks, Making. C. L. Peirce, Jr. 1,990,667; Feb. 12.
- Insulator, Shielded cemented type. K. A. Hawley. 2,023,808; Dec. 10.
- Insulator support. K. P. Malm, G. W. Black, and W. O. Henrickson. 1,998,052; Apr. 16.
- Insulator, Terminal. R. C. Waldron. 2,017,519; Oct. 15.
- Insulators, Apparatus for molding. E. H. Fischer. 2,007,567; July 9.
- Insulators, Apparatus for repairing string. L. T. Fyfe. 1,997,109; Apr. 9.
- Insulators, Making electrical. G. R. Langley. 2,025,540; Dec. 24.
- Insulators, Method of and apparatus for protecting electrical. C. B. Thorne. 1,994,259; Mar. 12.
- Intaglio lithographic plates from original plates and transfers, Preparing. R. F. Reed, P. W. Dorst, and A. George. 1,992,771; Feb. 26.
- Intake manifold structure. V. R. Heftler. 1,995,922; Mar. 26.
- Intake system for multicylinder internal combustion engines. W. S. Smith. 2,001,670; May 24.
- Integrating attachment for a thermal meter. P. M. Lincoln. 1,993,374; Mar. 5.
- Integrating mechanism for totalizers. G. A. and A. F. Julius. 2,014,572; Sept. 17.
- Integrating meter. W. H. Pratt. 2,017,703; Oct. 15.
- Intelligence, Device for transmitting. G. A. Cooke. 2,001,124; May 14.
- Intelligence testing device. H. F. Löwenstein. 1,989,326; Jan. 29.
- Intelligence, Transmission and reception of. S. G. Frantz and B. S. McCutchen. 2,006,989; July 2.
- Interchangeable sign. M. A. Sorensen and A. Berglund. 2,022,160; Nov. 26.
- Intercommunication. C. H. Colvin. 2,005,935; June 25.
- Interference elimination system. J. Sedlmayer. 1,998,792; Apr. 23.

- Interference reducing apparatus for radioreceivers. J. A. Pixler. 1,998,058; Apr. 16.
- Interference system for the neutralization of inductive. L. L. Lockrow. 2,001,847; May 21.
- Interleaf or spacer. J. W. Watson. 2,019,441; Oct. 29.
- Interleaving apparatus. A. Broadmeyer. 2,025,152; Dec. 24.
- Interlock. G. B. Thieme. 2,023,752; Dec. 10.
- Interlock mechanism. G. R. Langley and D. L. Davis. 2,020,069; Nov. 5.
- Interlock, Safety. C. A. Warg. 2,009,536; July 30.
- Interlocking means for the marginal edges of superimposed sheets. C. W. Sadenwater. 1,987,217; Jan. 8.
- Interlocking relay. P. N. Martin. 2,015,348; Sept. 24.
- Interlocking system. J. W. Allen. 1,992,277; Feb. 26.
- Interlocking system, Automatic. E. M. Allen. 1,990,513; Feb. 12.
- Interlocking system for railroads. A. Langdon. 2,013,986-7; Sept. 10.
- Interlocking system for railroads. A. Langdon and G. H. Wion. 2,026,502; Dec. 31.
- Interlocking system for railroads. A. R. Whitehorn. 2,014,347; Sept. 10.
- Intermittent grip device. F. C. Arey. 1,995,197; Mar. 19.
- Intermittent mechanism. W. V. D. Kelley. 2,009,847; July 30.
- Intermittent movement mechanism. W. L. Wright. 1,990,684; Feb. 12.
- Internal caliper gauge. C. W. Tydeman. 2,016,659; Oct. 8.
- Internal combustion engine. F. E. Aseltine. 2,011,992; Aug. 20.
- Internal combustion engine. J. A. H. Barkeij. 2,012,845; Aug. 27.
- Internal combustion engine. R. J. Broege. 1,998,978; Apr. 23.
- Internal combustion engine. W. B. Bronander. 2,018,702; Oct. 29.
- Internal combustion engine. A. P. Brush. 2,010,056; Aug. 6.
- Internal combustion engine. A. P. Brush. 2,014,036; Sept. 10.
- Internal combustion engine. D. J. Campbell. 1,998,706; Apr. 23.
- Internal combustion engine. D. J. Campbell. 1,998,708; Apr. 23.
- Internal combustion engine. D. J. Campbell. 1,999,440; Apr. 30.
- Internal combustion engine. J. E. Castle. 2,018,944; Oct. 29.
- Internal combustion engine. H. D. Church. 2,003,677; June 4.
- Internal combustion engine. H. D. Church. 2,019,657; Nov. 5.
- Internal combustion engine. M. Cousin. 2,024,848; Dec. 17.
- Internal combustion engine. I. W. Cory. 1,989,549; Jan. 29.
- Internal combustion engine. E. Dasset. 2,006,498; July 2.
- Internal combustion engine. T. V. Dillström. 2,001,456; May 14.
- Internal combustion engine. R. N. Du Bois. 1,990,531; Feb. 12.
- Internal combustion engine. R. N. DuBois. 2,011,804; Aug. 20.
- Internal combustion engine. H. C. Edwards. 1,986,564; Jan. 1.
- Internal combustion engine. H. C. Edwards. 1,998,662; Apr. 23.
- Internal combustion engine. H. C. Edwards. 2,000,635; May 7.
- Internal combustion engine. H. C. Edwards. 2,000,828; May 7.
- Internal combustion engine. H. C. Edwards. 2,018,516; Oct. 22.
- Internal combustion engine. F. L. Egan. 2,010,296; Aug. 6.
- Internal combustion engine. W. Endres. 2,018,914; Oct. 29.
- Internal combustion engine. C. H. Fink. 2,008,186; July 16.
- Internal combustion engine. R. N. Finlay. 1,999,451; Apr. 30.
- Internal combustion engine. H. Fischer. 2,019,298; Oct. 29.
- Internal combustion engine. H. Ford. 1,993,992; Mar. 12.
- Internal combustion engine. L. E. Fowler. 1,986,630; Jan. 1.
- Internal combustion engine. H. A. Gehres and C. D. Howard. 2,012,229; Aug. 20.
- Internal combustion engine. M. Gentili. 2,023,048; Dec. 3.
- Internal combustion engine. W. G. Gernandt. 1,986,674; Jan. 1.
- Internal combustion engine. O. J. Gingerich. 2,017,205; Oct. 15.
- Internal combustion engine. R. F. Good, J. F. Fox, and G. Marcus. 2,018,612; Oct. 22.
- Internal combustion engine. F. Gruebler. 2,018,848; Oct. 29.
- Internal combustion engine. C. O. Guernsey. 2,001,358; May 14.
- Internal combustion engine. H. A. Guilford and E. L. Soland. 2,009,493; July 30.
- Internal combustion engine. E. C. Gutzwiller. 2,005,141; June 18.
- Internal combustion engine. T. A. Hammond and P. F. Sonnek. 1,992,371; Feb. 26.
- Internal combustion engine. W. W. Harris. 1,996,919; Apr. 9.
- Internal combustion engine. H. J. Hickey. 1,995,307; Mar. 26.
- Internal combustion engine. H. J. Hickey. 2,002,663; May 28.
- Internal combustion engine. H. C. Hill. 1,988,119; Jan. 15.
- Internal combustion engine. H. W. Houston. 2,001,533; May 14.
- Internal combustion engine. D. F. Hunt. 2,018,306; Oct. 22.
- Internal combustion engine. R. Jackisch. 1,991,218; Feb. 12.
- Internal combustion engine. J. W. Jagersberger. 2,012,512; Aug. 27.
- Internal combustion engine. L. P. Kalb. 1,985,996; Jan. 1.
- Internal combustion engine. J. I. Kibbe. 2,018,727; Oct. 29.
- Internal combustion engine. V. W. Klierath and R. P. Breese. 2,019,138; Oct. 29.
- Internal combustion engine. W. Knochenhauer. 1,994,915; Mar. 19.
- Internal combustion engine. C. H. Knudsen. 2,025,699; Dec. 24.
- Internal combustion engine. A. S. Lack. 2,002,668; May 28.
- Internal combustion engine. F. Lang. 2,001,535-6; May 14.
- Internal combustion engine. C. Latta. 1,988,082; Jan. 15.
- Internal combustion engine. E. P. Littlefield. 2,013,541; Sept. 3.
- Internal combustion engine. J. Mahler. 2,025,353; Dec. 24.
- Internal combustion engine. A. S. Martin. 2,010,028; Aug. 6.
- Internal combustion engine. F. C. Mock. 1,998,785; Apr. 23.
- Internal combustion engine. F. C. Mock. 2,012,086; Aug. 20.
- Internal combustion engine. F. C. Mock. 2,020,794; Nov. 12.
- Internal combustion engine. R. S. Moore. 2,021,262; Nov. 19.
- Internal combustion engine. A. Moorehouse. 2,014,659; Sept. 17.
- Internal combustion engine. H. L. Morris and F. E. Dayes. 2,023,967; Dec. 10.
- Internal combustion engine. J. A. Mould. 1,997,071; Apr. 9.
- Internal combustion engine. M. E. Mutchler. 1,996,211; Apr. 2.
- Internal combustion engine. R. M. Nardone. 1,990,306; Feb. 5.
- Internal combustion engine. E. Nibbs. 1,993,179; Mar. 5.
- Internal combustion engine. A. M. Niven. 1,987,307; Jan. 8.
- Internal combustion engine. A. M. Niven. 2,022,898; Dec. 3.
- Internal combustion engine. J. Pavlecka. 1,999,374; Apr. 30.
- Internal combustion engine. J. Phillips. 1,990,565; Feb. 12.
- Internal combustion engine. K. W. Pielicke. 2,013,840; Sept. 10.
- Internal combustion engine. S. R. Puffer. 2,011,651; Aug. 20.
- Internal combustion engine. T. E. Quick. 2,026,321; Dec. 31.
- Internal combustion engine. H. W. Russell and E. R. Darby. 2,025,020; Dec. 17.
- Internal combustion engine. J. Schaeffers. 1,999,849; Apr. 30.
- Internal combustion engine. P. Schmaljohann. 2,014,672; Sept. 17.
- Internal combustion engine. A. A. Sidney. 1,999,116; Apr. 23.
- Internal combustion engine. C. C. Sleffel. 1,988,754; Jan. 22.
- Internal combustion engine. W. S. Smith. 2,015,022; Sept. 17.
- Internal combustion engine. W. A. Sorg. 2,011,833; Aug. 20.
- Internal combustion engine. A. M. Starr. 2,025,362; Dec. 24.
- Internal combustion engine. F. B. Stearns. 2,013,366; Sept. 3.
- Internal combustion engine. E. F. Storey. 2,021,333; Nov. 19.
- Internal combustion engine. O. E. Szekely. 2,003,563; June 4.
- Internal combustion engine. M. Tibbetts. 2,010,167; Aug. 6.
- Internal combustion engine. J. G. Vincent. 2,016,879; Oct. 8.
- Internal combustion engine. J. G. Vincent. 2,020,530; Nov. 12.
- Internal combustion engine. G. W. Waldo. 1,988,674; Jan. 22.

- Internal combustion engine. C. R. Waseige. 2,002,049; May 21.
- Internal combustion engine. C. R. Waseige. 2,016,846; Oct. 8.
- Internal combustion engine. C. R. Waseige. 2,020,224; Nov. 5.
- Internal combustion engine. C. J. Weeks. 1,992,265-6; Feb. 26.
- Internal combustion engine. J. F. Werder. 1,990,808; Feb. 12.
- Internal combustion engine. A. A. Widmann. 1,986,237; Jan. 1.
- Internal combustion engine. C. R. Wigness. 2,006,225; June 25.
- Internal combustion engine. E. A. Winfield. 2,010,170; Aug. 6.
- Internal combustion engine. L. M. Woolson. 1,986,549; Jan. 1.
- Internal combustion engine. L. M. Woolson. 1,988,533; Jan. 22.
- Internal combustion engine. L. M. Woolson. 1,990,153; Feb. 5.
- Internal combustion engine. L. M. Woolson. 2,006,976-7; July 2.
- Internal combustion engine. L. M. Woolson. 2,009,057; July 23.
- Internal combustion engine. L. M. Woolson. 2,010,171; Aug. 6.
- Internal combustion engine. E. Workman. 2,002,759; May 28.
- Internal combustion engine. V. F. Zahodiakin. 1,998,601; Apr. 23.
- Internal combustion engine. A. Zoller. 2,014,678; Sept. 17.
- Internal combustion engine, Bifuel. R. P. M. Boudet. 2,023,634; Dec. 10.
- Internal combustion engine, Double-acting two-stroke. C. Schaer. 1,992,328; Feb. 26.
- Internal combustion engine, Multicylinder. A. P. Brush. 2,019,558; Nov. 5.
- Internal combustion engine, Multicylinder. C. H. M. Fry. 2,025,162; Dec. 24.
- Internal combustion engine, Radial. C. Gianini. 1,992,864; Feb. 26.
- Internal combustion engine, Radial. C. S. McCann. 1,990,660; Feb. 12.
- Internal combustion engine, Rotary. J. D. Carroll. 1,986,556; Jan. 1.
- Internal combustion engine, Rotary. A. E. Gerlat, A. C. Hoppe, and A. F. Pieper. 1,999,187; Apr. 30.
- Internal-combustion engine, Supercharged. A. H. R. Fedden and L. F. G. Butler. 2,014,317; Sept. 10.
- Internal combustion engine, Two-cycle. B. Bischof. 2,022,841; Dec. 3.
- Internal combustion engine, Two cycle. F. L. Fisher. 1,999,092; Apr. 23.
- Internal combustion engine, Two-cycle. F. Gossiau. 2,013,983; Sept. 10.
- Internal combustion engine, Two stroke. O. Simmen. 2,016,344; Oct. 8.
- Internal combustion engine, Two-stroke cycle. M. Mallory. 2,014,771; Sept. 17.
- Internal combustion engine, Two-stroke cycle. S. B. Smith. 2,010,704; Aug. 6.
- Internal combustion engine, Two stroke cycle. G. L. Streiber. 2,001,985; May 21.
- Internal combustion engine with rotary valve. C. A. Hurtig. 2,019,310; Oct. 29.
- Internal combustion motor. F. K. Shear. 2,006,117; June 25.
- Internal combustion motor. O. Wittenberg and E. Harsanyi. 2,016,734; Oct. 8.
- Internal combustion motor. G. Wright. 2,002,230; May 21.
- Internal combustion tool. J. A. Mould. 1,997,070; Apr. 9.
- Internal gauge. W. L. Bryant. 2,020,134; Nov. 5.
- Internal wrench. N. B. Currier. 1,992,474; Feb. 26.
- Interpolating device. A. P. Berejkoff. 2,001,565; May 14.
- Interpolating receiving system. W. A. Knoop. 1,992,220; Feb. 26.
- Intonation detector. H. K. Nopola and M. M. Jarvinen. 1,991,864; Feb. 19.
- Invalid's table. S. M. Bergman. 1,994,188; Mar. 12.
- Inventory exhibitor. F. J. Bach. 1,998,858; Apr. 23.
- Invertase preparation, Making an. L. Wallerstein. 1,990,505; Feb. 12.
- Inverted matle holder. C. W. Davis. 2,023,467; Dec. 10.
- Inverter. C. Stansbury. 2,025,911; Dec. 31.
- Iodides and preparing them, Pyridinium. L. G. S. Brooker. 2,000,578; May 7.
- Iodine compounds, Manufacture of organic. P. M. R. Salles and M. R. Loubatié. 2,007,479; July 9.
- Iodine from impure silver iodide, Preparation of. S. B. Heath and M. F. Ohman. 1,998,014; Apr. 16.
- Iodine from natural brines, Extracting. L. C. Chamberlain and R. H. Boundy. 2,009,956; July 30.
- Iodine, Nutritional. E. V. Moorman. 1,992,673; Feb. 26.
- Iodine, Recovering. C. W. Girvin. 1,994,416; Mar. 12.
- Ionic discharge, Apparatus for producing and modulating an. S. Ruben. 2,007,936; July 9.
- Ionic discharge tube. J. E. Henderson and B. C. Beck. 1,998,457; Apr. 23.
- Ionizing device, Demountable. R. J. McRae. 2,012,015; Aug. 20.
- Ionones, Producing. W. C. Meuly. 1,996,116; Apr. 2.
- Ions, Apparatus for generating. E. W. Ballentine. 2,018,434; Oct. 22.
- Ions in air or other gas, Production of. R. Auerbach. 2,019,333; Oct. 29.
- Iron, Acetylene burning. J. L. Roberts. 2,004,832; June 11.
- Iron alloy and making the same, White cast. F. A. Raven and C. D. Foulke. 2,014,238; Sept. 10.
- Iron alloy, Chill cast. P. D. Merica, J. S. Vanick, and T. H. Wickenden. 1,988,910-12; Jan. 22.
- Iron alloys, Manufacture of. V. Angelini. 1,986,702; Jan. 1.
- Iron alloys, Manufacture of. R. Perrin. 2,015,690; Oct. 1.
- Iron and manganese from water, Removing. C. Zapffe. 1,990,214; Feb. 5.
- Iron and producing the same, Heat treated cast. M. G. Jewett and S. C. Harris. 2,008,452; July 16.
- Iron and stand, Electric. R. Kovac. 1,992,624; Feb. 26.
- Iron and stand, Electric. N. Narodick. 2,011,823; Aug. 20.
- Iron and the like impurities from bagasse and other materials of similar consistency, Separation of tramp or stray. F. Maxwell. 1,988,324; Jan. 15.
- Iron and the manufacture thereof, Cast. W. A. Brown. 2,020,171; Nov. 5.
- Iron and welding rod for said purpose, Welding cast. T. R. Haglund and S. J. A. I. Harlitz. 2,008,447; July 16.
- Iron and zinc alloy, Powdered. C. R. Short and R. P. Koehring. 1,992,549; Feb. 26.
- Iron articles, Carburizing. C. Albrecht. 1,992,931; Mar. 5.
- Iron articles, Case-hardening. W. Beck and K. Bonath. 1,996,269; Apr. 2.
- Iron articles, Producing enameled. P. Eyer. 2,016,322; Oct. 8.
- Iron articles, Production of wrought. M. J. Conway. 2,012,599; Aug. 27.
- Iron blues, Manufacture of. S. F. Grove. 2,005,697-8; June 18.
- Iron by means of iron sponge, Producing industrial. H. Esser. 2,018,300; Oct. 22.
- Iron castings, Malleable. C. S. Smith. 2,024,014; Dec. 10.
- Iron, Chair. W. F. Herold. 2,008,209; July 16.
- Iron, Cordless electric. F. H. Shoop, W. S. Grant, and T. J. McCormick. 1,994,877; Mar. 19.
- Iron, Device for cutting, punching, and drilling section. J. Gorth. 1,988,551; Jan. 22.
- Iron, Electric. E. E. Belcher. 2,008,484; July 16.
- Iron, Electric. F. Kuhn and L. H. Thomas. 1,986,346; Jan. 1.
- Iron, Electric. A. Ruelland. 2,013,854; Sept. 10.
- Iron, Electric. F. W. Scharf. 2,004,962; June 18.
- Iron, Electric laundry. H. S. Denison. 2,020,538; Nov. 12.
- Iron, Electric soldering. K. Hieber. 2,025,509; Dec. 24.
- Iron, Hardening gray and mottled cast. H. I. Shaw and N. S. Hoerle. 1,999,790; Apr. 30.
- Iron having improved characteristics, Preparation of. E. L. Crosby and A. E. Rhoads. 2,014,559; Sept. 17.
- Iron holder. W. F. Anger. 2,021,496; Nov. 19.
- Iron holder. E. H. MacKenzie. 1,994,777; Mar. 19.
- Iron holder for ironing boards, Detachable. V. E. Fiedler. 1,990,983; Feb. 12.
- Iron, Making. A. A. Frey. 1,992,999; Mar. 5.
- Iron, Manufacture of wrought. J. Aston and E. B. Story. 1,987,598; Jan. 15.
- Iron or steel articles, Coating. A. C. Simmons. 2,013,364; Sept. 3.
- Iron or steel, Cleaning. H. Schagrin. 1,995,192; Mar. 19.
- Iron ores by froth flotation, Concentrating. F. Weed. 2,014,405; Sept. 17.
- Iron ores, Treating zinciferous. F. Eulenstein and A. Krus. 2,011,400; Aug. 13.
- Iron oxide. H. Freeman. 2,015,053; Sept. 17.
- Iron oxide pigment and producing the same as by-products of the reduction of aromatic nitro compounds. U. Haberland. 1,998,540-1; Apr. 23.
- Iron, Pressing. H. P. Cooper. 2,025,092; Dec. 24.
- Iron, Pressing. S. Dowinsky. 1,993,654; Mar. 5.
- Iron, Producing sponge. H. G. Wildman. 2,014,873; Sept. 17.
- Iron, Production of rustless. W. B. Arness. 2,021,979; Nov. 26.
- Iron pyrites for the recovery of sulphur and formation of iron oxide, Treatment of. S. I. Levy. 2,002,860; May 28.
- Iron, Shoe. E. C. Smeltzer. 1,990,142; Feb. 5.
- Iron sleepers, Production of. C. Wallmann, J. Grossweischede, and B. Kruse. 2,023,827; Dec. 10.
- Iron, Steam. I. Mitzman. 2,021,606; Nov. 19.
- Iron, Superheated steam flat. J. I. Dickman. 1,991,381; Feb. 19.
- Iron, Thermostatically controlled curling. M. F. Fitzgerald. 1,999,898; Apr. 30.
- Iron with aluminum and product of such method, Plating. A. Wimmer. 1,991,994; Feb. 19.
- Iron with carbon, Coating. C. Eddison. 2,016,139; Oct. 1.
- Ironer. F. R. Labin. 2,009,626; July 30.
- Ironer, Double side. F. J. Couch. 2,003,993; June 4.
- Ironer, Garment sleeve. J. H. and G. H. Leef. 2,022,210; Nov. 26.

- Ironing board. S. J. Bailey. 1,998,483; Apr. 23.
 Ironing board. A. W. Behm. 2,014,549; Sept. 17.
 Ironing board. J. E. Doyle. 2,006,014; June 25.
 Ironing board. A. K. McLeod. 2,003,604; June 4.
 Ironing board. O. Michelson. 2,011,251; Aug. 13.
 Ironing board. L. Pribyl. 2,019,092; Oct. 29.
 Ironing board. C. A. Rich and J. W. Richardson. 2,011,080; Aug. 13.
 Ironing board. J. W. Richardson. 2,003,866; June 4.
 Ironing board attachment. M. M. Tysoe. 2,013,483; Sept. 3.
 Ironing board construction. H. Schlesinger. 2,023,747; Dec. 10.
 Ironing board cover. C. Ruttenberg. 2,012,056; Aug. 20.
 Ironing device. E. E. Foster. 1,985,891; Jan. 1.
 Ironing device. S. H. Seidman and A. F. Routh. 2,004,384; June 11.
 Ironing device. E. Walker and H. Crickler. 2,015,093; Sept. 24.
 Ironing device. Expanding collar. N. S. McEwen. 1,996,548; Apr. 2.
 Ironing machine. P. A. Bayless. 1,999,532; Apr. 30.
 Ironing machine. W. L. Chew. 1,997,482; Apr. 9.
 Ironing machine. J. R. Crockford. 2,022,368; Nov. 26.
 Ironing machine. W. R. Emery. 1,994,910; Mar. 19.
 Ironing machine. W. N. Gallagher. 1,987,332; Jan. 8.
 Ironing machine. J. T. Hume and H. L. Hart. 2,004,165; June 11.
 Ironing machine. R. W. Janda. 2,026,345; Dec. 31.
 Ironing machine. E. F. Loweke. 1,990,042-3; Feb. 5.
 Ironing machine. C. A. Pickens. 2,026,248; Dec. 31.
 Ironing machine. W. K. Voss. 1,991,991; Feb. 19.
 Ironing machine. N. H. Watts. 2,011,388; Aug. 13.
 Ironing machine attachment. G. W. Johnson. 2,020,029; Nov. 5.
 Ironing machine, Hydraulically actuated. E. W. Rouch. 2,011,689; Aug. 20.
 Ironing machine (pad drier). P. E. Geldhof. 1,992,368; Feb. 26.
 Ironing machines, Feed board attachment for flat work. A. J. Randlett. 2,003,902; June 4.
 Ironing machines, Inclosure and mechanism for. H. W. Altorfer. 1,994,742; Mar. 19.
 Ironing machines, Lot or bundle assorter for. F. J. Couch. 2,002,138; May 21.
 Ironing press. W. M. Emery. 2,002,240; May 21.
 Ironing press and work holder. P. N. Braun. 2,011,560; Aug. 20.
 Ironing table. H. V. Keller. 2,005,976; June 25.
 Ironing table, Collapsible. W. H. Maynard. 1,989,555; Jan. 29.
 Irradiating apparatus. H. A. Trebler and C. J. Larsen. 2,018,332; Oct. 22.
 Irradiating device. O. Fritze. 1,994,311; Mar. 12.
 Irradiation, Apparatus for. R. M. Fraps. 2,015,264; Sept. 24.
 Irradiation of milk with ultraviolet rays, Device for the. H. A. Trebler. 2,001,555; May 14.
 Irreversible control. E. R. Child. 1,990,978; Feb. 12.
 Irrigating and sprinkling system. C. O. Wilson. 2,021,709; Nov. 19.
 Irrigation apparatus. W. M. Berg. 2,007,069; July 2.
 Irrigation apparatus. A. E. De Loria. 1,999,804; Apr. 30.
 Irrigation apparatus. O. E. Robev. 1,989,427; Jan. 29.
 Irrigation device. W. H. Coles and B. J. Nelson. 2,009,478; July 30.
 Irrigation system, Overhead. M. E. Langbrake. 2,024,374; Dec. 17.
 Irrigator, Automatic. C. C. Spicher. 1,992,132; Feb. 19.
 Isoaldehydes, Oxidation of. H. P. A. Groll and M. W. Tamele. 2,010,358; Aug. 6.
 Isobutylene, Absorbing. H. W. Huyser and A. van Melsen. 2,012,787; Aug. 27.
 Isodibenzanthrone-azole and preparing the same. A. J. Wuertz and M. S. Whelen. 2,008,738; July 23.
 Isodibenzanthrone-selenazole and preparing the same. A. J. Wuertz and M. S. Whelen. 2,008,739; July 23.
 Item register for writing-adding machines. H. A. Foothorap. 2,015,516; Sept. 24.
Jack: See—
 Attached automobile jack. Motor vehicle jack.
 Automotive jack. Pneumatic lifting jack.
 Root jack. Pump jack.
 Curb jack. Screen ladder jack.
 Drive on tire jack. Shoe supporting jack.
 Garage jack. Trailer jack.
 Hoisting and lifting jack. Vehicle jack.
 Hydraulic jack. Vehicle lifting jack.
 Lifting jack. Window jack.
 Jack. W. J. Costin. 2,008,387; July 16.
 Jack. J. S. Jardim. 2,011,933; Aug. 20.
 Jack. L. M. Keefe. 2,022,669; Dec. 3.
 Jack. S. Mandl and E. M. Pfaufer. 1,988,601; Jan. 22.
 Jack. C. H. Shannon. 1,990,004; Feb. 5.
 Jack. G. S. Whitehead. 1,986,129; Jan. 1.
 Jack and wheel and gear pulley, Combined. F. L. and J. K. Frye. 2,003,648; June 4.
 Jack appliance, Vehicle. M. B. Hull. 2,008,394; July 16.
 Jack attachment. A. Duea and A. Dupage. 1,999,627; Apr. 30.
 Jack base, Collapsible. F. H. Faucett. 2,022,636; Nov. 26.
 Jack for knitting machine needles. E. O. Roy. 2,004,617; June 11.
 Jack for knitting machines. A. Crawford. 2,024,911; Dec. 17.
 Jack for motor vehicles, Hydraulic. R. Stumbo. 1,995,782; Mar. 26.
 Jack for semitrailers. D. H. Davis. 2,001,411; May 14.
 Jack shaft, Universal. W. T. Young. 1,990,810; Feb. 12.
 Jacking apparatus. S. Bramley-Moore. 1,998,703; Apr. 23.
 Jacking apparatus. J. Gutmann, Jr., and A. M. Wolf. 1,988,447; Jan. 22.
 Jacking apparatus for automotive vehicles. A. M. Wolf. 2,001,860; May 21.
 Jacking apparatus for vehicles. S. Bramley-Moore. 2,009,632; July 30.
 Jacking attachment. M. Dwork. 2,003,502; June 4.
 Jacking clamp. C. L. Snyder and C. E. Proctor. 1,996,839; Apr. 9.
 Jacking device. W. A. Chryst. 1,992,519; Feb. 26.
 Jacking unit for automobiles. H. J. Moore and D. F. Pearson. 2,023,336; Dec. 3.
 Jacket construction for engines, Water. M. S. Parkhill and C. W. Taylor. 2,000,979; May 14.
 Jacket for carbon paper. W. C. Sproull. 2,019,802; Nov. 5.
 Jacket, Life preserver. F. L. Brown. 1,994,189; Mar. 12.
 Jacketed suction mold. R. W. Canfield. 2,010,774; Aug. 6.
 Jacquard machine. J. T. Hardaker. 2,026,277; Dec. 31.
 Jar. J. S. Beck. 1,989,906; Feb. 5.
 Jar. M. S. Black. 2,008,742; July 23.
 Jar. S. A. Erwin. 1,996,370; Apr. 2.
 Jar. R. P. Fisher. 2,025,944; Dec. 31.
 Jar. E. W. Fuerst. Des. 94,672; Feb. 26.
 Jar. I. J. McCullough. 2,008,765; July 23.
 Jar, Adjustable rotary. G. W. Bowen. 2,013,127; Sept. 3.
 Jar and safety coupling. J. S. Beck. 1,989,907; Feb. 5.
 Jar cap clamp. W. B. Repert. 1,995,942; Mar. 26.
 Jar closure. O. F. Pedersen. 2,008,593; July 16.
 Jar closure. H. Sieverling. 2,020,217; Nov. 5.
 Jar cover. C. S. Baron. 2,020,494; Nov. 12.
 Jar cover wrench. R. Ratzlaff. 1,994,532; Mar. 19.
 Jar, Fluid catch rotary. J. A. Kammerdiner. 1,989,280; Jan. 29.
 Jar holder. W. F. Davis. 2,009,765; July 30.
 Jar holder. A. E. Hawke. 2,014,108; Sept. 10.
 Jar holder. O. Nulf and J. A. Farrell. 1,992,322; Feb. 26.
 Jar holder and jar cap wrench. C. Edwards and P. F. Murray. 1,994,415; Mar. 12.
 Jar lifter. E. E. Miller. 2,011,497; Aug. 13.
 Jar mill. P. O. Abbé. 2,020,091; Nov. 5.
 Jar, Mixing. L. Landé. 2,021,011; Nov. 12.
 Jar or bottle holder. J. L. Donovan. 2,002,767; May 28.
 Jar, Planting. L. L. Smith. 1,993,631; Mar. 5.
 Jar, Pocket live minnow. A. E. Mosher. 1,986,742; Jan. 1.
 Jar, Rotary. H. C. Collett. 2,012,499; Aug. 27.
 Jar, Rotary. I. J. McCullough. 2,016,607; Oct. 8.
 Jar, Torsion set rotary. J. A. Kammerdiner. 2,005,228; June 18.
 Jar, Well. W. E. Annin. 1,998,214; Apr. 16.
 Jarring tool. I. J. McCullough. 2,022,138; Nov. 26.
 Javelin. J. A. Pipal. 1,994,089; Mar. 12.
 Jaw-brace. L. Pickett. 2,023,288; Dec. 3.
 Jaw brace. J. L. Preston. 1,992,904; Feb. 26.
 Jaw crusher. E. B. Symons. 1,987,761-2; Jan. 15.
 Jelly, Making. G. MacLean. 2,005,095; June 18.
 Jelly manufacture. L. Wallerstein, J. Pfannmuller, and A. Née. 1,997,615-16; Apr. 16.
 Jelly preparation. R. E. Cox. 1,999,443; Apr. 30.
 Jelly product, Apparatus for and process of preparing a. A. Leo. 2,015,857; Oct. 1.
 Jetty. S. M. Wood. 2,000,312; May 7.
 Jetty. S. M. Wood and H. A. Schmit. 2,000,311; May 7.
 Jewel bearing. Yieldable. J. F. Roman. 2,006,606; July 2.
 Jewel box. F. Milhening. 2,016,116; Oct. 1.
 Jewel box. L. H. Rankin. 2,009,905; July 30.
 Jewelry. C. Kip, Jr. 2,022,936; Dec. 3.
 Jewelry and ornaments, Manufacturing new articles of. D. Swarovski. 1,997,500; Apr. 9.
 Jewelry, Article of. J. J. Franklin, Jr. 1,997,724; Apr. 16.
 Jewelry component. L. W. Stringer. 2,024,893; Dec. 17.
 Jewelry construction, Ornamental. O. F. Placco. 2,012,401; Aug. 27.
 Jewelry ornament, Interlocking. M. A. Mayer. 2,016,679; Oct. 8.
 Jewelry ornamentation. J. M. Miller and G. F. Fenton. 2,007,303; July 9.
 Jib crane, Portable. M. Molinelli. 2,015,604; Sept. 24.
 Jig, Fishing. B. L. Dorsey. 1,989,850; Feb. 5.
 Jigger. H. W. Mettler. 2,002,703; May 28.
 Jigger dyeing machines and for performing like functions. Mechanism for controlling the operation of. L. and W. Towler. 1,994,545; Mar. 19.
Joint: See—
 Adjustable insulated joint. Electrical cable joint.
 Articulated joint. Expansion and contraction joint.
 Ball and socket joint. Expansion joint.
 Ball joint. Fluid-stop joint.
 Bolted pipe joint. Golf club joint.
 Cable joint. Hinged joint.
 Calked pipe joint. Insulated pipe joint.
 Casing joint. Insulated rail joint.
 Concrete pipe joint. Masonry joint.
 Constant speed joint. Metal curtain slat joint.
 Cushioned universal joint.

Joint: See—

Metal-refractory joint. Shackle joint.
Oscillating joint. Strap joint.
Packing joint. Structural joint.
Pipe joint. Supporting joint.
Pipe line swivel joint. Tool joint.
Pipe slip joint. Tube joint.
Rail joint. Tubular joint.
Releasable pivot joint. Universal joint.
Resilient joint. Wall board joint.
Sealed joint. Wood joint.
Self sealing joint. Yielding wall joint.

Joint. E. D. Eby. 2,019,342; Oct. 29.
Joint. W. A. Flummerfelt. 1,993,156; Mar. 5.
Joint. E. E. Hall. 2,016,858; Oct. 8.
Joint. G. H. Hufferd and M. P. Graham. 2,009,401; July 30.
Joint. H. C. Lord. 2,019,052; Oct. 29.
Joint. H. C. and T. Lord. 1,996,210; Apr. 2.
Joint. H. C. Lord and T. Lord. 2,022,213; Nov. 26.
Joint and coupling, Universal. D. T. Brock. 2,014,309; Sept. 10.
Joint and cover, Universal. P. B. Goddard and F. Ketcham. 1,987,678; Jan. 15.
Joint and jointed article. W. C. Jackson. 2,021,115; Nov. 12.
Joint and joints resulting therefrom, Effecting metal-glazed-refractory insulator. J. E. Lilienfeld. 2,015,484; Sept. 24.
Joint and joints resulting therefrom, Effecting metal-refractory. J. E. Lilienfeld. 2,015,482; Sept. 24.
Joint and making same, Flexible. E. Piquerez. 1,992,631; Feb. 26.
Joint and making same, Sealed. H. W. Weinbart. 1,986,656; Jan. 1.
Joint and making the same, Pipe. J. A. Long and H. E. Fiant. 2,001,204; May 14.
Joint and manufacturing same, Tube. F. W. Schwinn. 2,024,782; Dec. 17.
Joint and method of making, Brazed. J. R. Coe. 2,012,443; Aug. 27.
Joint assembly, Universal. C. E. Swenson. 1,987,807; Jan. 15.
Joint connection for log cabin logs. B. R. Ward. 2,021,341; Nov. 19.
Joint connection, Oscillating. J. N. Strauss. 1,989,116; Jan. 29.
Joint construction, Universal. W. B. Fageol. 2,025,502; Dec. 24.
Joint cover. G. M. Wolfe. 1,988,029; Jan. 15.
Joint filler, Expansion. H. C. Jussen. 2,023,529; Dec. 10.
Joint filling material, Expansion. J. S. Hipple. 1,987,530; Jan. 8.
Joint fitting for sun umbrella poles. T. S. Smith. 2,013,192; Sept. 3.
Joint for artificial feet, Articulated ankle. E. D. Mascau. 1,996,874; Apr. 9.
Joint for artificial limbs. C. Desoutter. 1,991,796; Feb. 19.
Joint for artificial limbs. L. H. Simonsson. 2,015,821; Oct. 1.
Joint for artificial limbs. G. H. Webb. 2,024,673; Dec. 17.
Joint for bath tubs and the like. G. Sakier. 2,010,036; Aug. 6.
Joint for building construction, Pressure relieving. P. Masterson. 1,992,756; Feb. 26.
Joint for concrete roads, Expansion. F. S. Fleckenstein. 2,008,667; July 23.
Joint for connecting parts of well drilling and well pumping equipment. R. D. Fisher and W. H. Pierce. 2,010,587; Aug. 6.
Joint for drier felt of paper machines. M. J. Argy. 1,980,785; Jan. 8.
Joint for electric cables, Expansion. D. P. Ruger. 1,999,981; Apr. 30.
Joint for elliptical springs. R. L. Cramer. 2,010,177; Aug. 6.
Joint for motor vehicles, Universal. F. Porsche. 1,996,688; Apr. 2.
Joint for paper drier felts or aprons or the like. J. K. Diamond. 2,025,275; Dec. 24.
Joint for pipes, Metallic swing. D. A. Murphy. 2,000,346; May 7.
Joint for pneumatic tires, Fluid-tight. E. R. Case. 1,991,594; Feb. 19.
Joint for rotary incinerator drums, Air-sealed. A. Christensen. 1,998,492; Apr. 23.
Joint for standpipes and the like. J. E. Johnson. 2,024,579; Dec. 17.
Joint, Forming a fluid-tight. R. Thomson. 2,001,290; May 14.
Joint in line wires. D. A. Quarles. 2,022,977; Dec. 3.
Joint making apparatus for ice trays, Expansion. G. L. Tinkham. 2,021,118; Nov. 12.
Joint runner. G. E. Williams. 1,987,920; Jan. 15.
Joint structure, Expansion. H. E. Ward. 2,013,195; Sept. 3.
Joint structure, Welded. E. C. Goebert. 1,993,161; Mar. 5.
Joint tightener for vehicles, Automatic. J. E. Fuller and F. W. Jones. 1,993,324; Mar. 5.
Joint yokes, Making universal. O. I. Larsen. 1,994,480; Mar. 19.

Joining or coupling device for flexible driving belts. A. Croft. 1,991,545; Feb. 19.
Joining, packing, sealing, and like materials. V. G. Walsh. 1,994,412; Mar. 12.
Joints and crevices in underburner coke oven brickwork, Filling. C. Otto. 1,990,089; Feb. 5.
Joints and the like, Brazing. J. Vehko. 2,022,795; Dec. 3.
Joints, Assembling resilient. H. W. Alden and L. R. Buckendale. 2,003,412; June 4.
Joints in metal tubing, Forming. T. Briegel. 1,998,654; Apr. 23.
Joints, Making. F. C. Crawford. 2,025,727; Dec. 31.
Joints, Making oscillating. I. W. Robertson. 2,008,772; July 23.
Joints, Making universal. J. E. Padgett. 1,987,415; Jan. 8.
Joints, Producing soldered. S. Przyborowski. 1,994,436; Mar. 12.
Joist. H. F. Young. 1,990,155; Feb. 5.
Joist, Reinforced concrete. H. F. Young. 1,990,156; Feb. 5.
Joist support. E. W. Wiley. 2,023,186; Dec. 3.
Jordan engine. A. L. Bray. 2,009,985; July 30.
Jordan engine. G. D. Smith. 2,009,976; July 30.
Journal bearing. A. N. Lucas. 1,991,562; Feb. 19.
Journal bearing. A. Vigne. 2,013,872; Sept. 10.
Journal bearing. A. Vigne. 2,026,261; Dec. 31.
Journal box. W. Blackmore. 2,024,205; Dec. 17.
Journal box. W. Blackmore and A. O. Buckius. 2,024,204; Dec. 17.
Journal box. R. J. Brittain, Jr., and O. W. Young. 2,018,008; Oct. 22.
Journal box. G. F. Couch. 1,997,573; Apr. 16.
Journal box. G. F. Couch. 1,998,445; Apr. 23.
Journal box. G. F. Couch. 1,998,980; Apr. 23.
Journal box. G. F. Couch. 2,018,949; Oct. 29.
Journal box. G. Grandjean. 1,992,697; Feb. 26.
Journal box. W. C. Hedgecock. 2,020,358; Nov. 12.
Journal box. H. E. Muchnic. 2,024,867; Dec. 17.
Journal box construction, Railway vehicle. W. E. Woodard. 1,992,980; Mar. 5.
Journal box cover. E. R. Viberg. 2,013,224; Sept. 3.
Journal box cover. E. R. Viberg. 2,018,428; Oct. 22.
Journal box lubricator. T. Cardwell. 2,001,182; May 14.
Journal box lubricator. T. Cardwell. 2,023,991; Dec. 10.
Journal-box waste, Reclaiming used. L. C. McNamara, T. W. Potter, and I. M. Conway. 2,000,291; May 7.
Journal lubricator, High pressure. J. F. Hermann. 2,005,464; June 18.
Journal lubricator, Railway. J. J. Hennessy. 1,989,417; Jan. 29.
Jug, Combination food and liquid. J. Woodley. 2,017,560; Oct. 15.
Juice-extractor and beverage shaker, Combination. J. Z. Herr. 2,019,535; Nov. 5.
Juice extractor and feeder. L. B. McNamara. 2,014,236; Sept. 10.
Juices, Apparatus for extracting. E. Schmierer. 1,999,789; Apr. 30.
Justifying apparatus for printing devices. A. F. Colton. 2,018,547; Oct. 22.
Kazoo. D. Cohn. 2,006,732; July 2.
Keels for boats and ships, Making. F. P. Huckins. 1,992,700; Feb. 26.
Keeper. H. L. Johnson. 2,010,395; Aug. 6.
Keeper for locks. R. Grill. 2,019,408; Oct. 29.
Kegs, Device for tapping. A. L. Klein. 2,017,365; Oct. 15.
Kelly, Water-tight telescopic. E. A. Smith. 2,007,666; July 9.
Kerf cleaning attachment for coal cutters. J. R. Lawson. 1,998,876; Apr. 23.
Ketone, Halogenated polyphenyl. F. M. Clark and W. M. Kutz. 2,012,301; Aug. 27.
Ketones according to the Friedel and Crafts reaction, Preparation of alkyl aryl. P. H. Groggins. 1,991,743; Feb. 19.
Ketones and product, Preparing alkylated aromatic. H. A. Bruson and O. Stein. 2,004,069; June 4.
Ketones, Manufacture of aliphatic. H. Dreyfus. 2,010,066; Aug. 6.
Ketones, Preparation of. E. J. Cardarelli. 1,988,481; Jan. 22.
Ketones, Preparation of alkyl aryl. P. H. Groggins and R. H. Nagel. 1,997,213; Apr. 9.
Ketones, Preparing halogenated. P. K. Frolich and P. J. Wizevich. 2,006,198; June 25.
Ketones, Production of. W. Querfurth. 2,002,794; May 28.
Ketones, Production of. J. W. Woolcock. 2,015,094; Sept. 24.
Ketones, Production of unsaturated. O. Schmidt and K. Huttner. 1,988,021; Jan. 15.
Kettle device, Cooking. P. Beghetti. 2,005,928; June 25.
Kettle, Frying. J. C. Pitman. 2,000,609; May 7.
Key. L. E. Deutsch. 2,019,400; Oct. 29.
Key. C. M. McCord. 2,014,112; Sept. 10.
Key. W. R. Schlage. Des. 95,077; Apr. 2.
Key and card holder, Combination. A. L. Branch. 2,013,027; Sept. 3.
Key attaching mechanism. G. A. and G. V. Bardet. 2,002,105; May 21.
Key blank. M. Falk. 2,005,497; June 18.

- Keyboard. H. Luedtke. 2,003,894; June 4.
 Keyboard, Auxiliary. G. Gerhold. 2,014,432; Sept. 17.
 Keyboard clutch. G. W. Lawrence. 1,987,742; Jan. 15.
 Keyboard mechanism for telegraph apparatus. R. G. Griffith. 1,988,943; Jan. 22.
 Keyboard of musical instruments. G. Woodhouse. 2,019,640; Nov. 5.
 Keyboard perforator. A. H. Reiber. 2,019,505; Nov. 5.
 Keyboard perforator and counter. E. E. Kleinschmidt and L. M. Potts. 2,000,029; May 7.
 Keyboard perforator and counter. E. E. Kleinschmidt and L. M. Potts. 2,021,419; Nov. 19.
 Keyboard perforator and counter. H. L. Krum and A. H. Reiber. 2,024,006; Dec. 10.
 Keyboard, Typewriter. H. E. Frost. 2,011,759; Aug. 20.
 Keybolt. L. R. Evans. 2,021,231; Nov. 19.
 Key, Brake shoe. C. R. Busch. 2,013,981; Sept. 10.
 Key, Brake-shoe. W. W. Clouser. 2,013,982; Sept. 10.
 Key case. B. A. Woina and J. H. Murray. 1,998,799; Apr. 23.
 Key, Chuck operating. A. M. Stoner. 2,012,147; Aug. 20.
 Key click filter. R. Lee. 2,020,950; Nov. 12.
 Key, Code finding. R. Simon. 2,015,322; Sept. 24.
 Key connector. R. L. Lauer. 2,013,660; Sept. 10.
 Key container. G. A. Goessling. 1,999,290; Apr. 30.
 Key container. A. Waller. 2,006,286; Jan. 25.
 Key, Container opening. J. M. Hothersall. 2,017,061-3; Oct. 15.
 Key, Container opening. A. G. Schoettel. 2,017,077; Oct. 15.
 Key cutting machine. W. H. Curtis. 1,995,798; Mar. 26.
 Key draft yoke for railway cars, Vertical. H. W. Stertzbach. 2,023,651; Dec. 10.
 Key for cylinder locks. E. N. Jacobi. 1,996,811; Apr. 9.
 Key holder. T. G. Ashbridge. 2,019,036; Oct. 29.
 Key holder. S. F. Bashara. 2,006,707; Mar. 2.
 Key holder. J. Bloemsma. 1,993,317; Mar. 5.
 Keyholder. E. R. F. Johnson. 1,996,705; Apr. 2.
 Key holder. J. B. Mangan. 2,008,398; July 16.
 Key holder. R. C. Root. 2,003,553; June 4.
 Key holder. H. R. Segal. 1,996,953; Apr. 9.
 Keyhole illuminating device. G. J. Taylor. 2,005,274; June 18.
 Keyhole illuminator. A. L. Vonderembse. 2,007,101; July 2.
 Key, Lock. L. E. Deutsch. 2,001,601; May 14.
 Key, Lock. P. W. Olson. 2,023,207; Dec. 3.
 Key opening container. J. M. Young. 2,018,696; Oct. 29.
 Key operable lock. L. E. Deutsch. 2,019,399; Oct. 29.
 Key retainer. P. P. Barthelémy. 1,999,352; Apr. 30.
 Key retaining member. W. R. Buxton. 2,018,009; Oct. 22.
 Key ring assembly for key chains. E. W. Dittman. 1,989,001; Jan. 22.
 Key, shut-out mechanism for doorlocks. W. R. Schlage. 2,008,405; July 16.
 Key, Strap and tightening. J. Prosky. 1,992,505; Feb. 26.
 Key support. R. C. Legat. 2,002,858; May 28.
 Key support. R. N. Lupfer. 2,026,185; Dec. 31.
 Key, Tie and spacer, Concrete form. G. F. Newton. 2,020,515; Nov. 12.
 Key, Winding. J. J. Hoehn. 1,999,457; Apr. 30.
 Keying, High speed. L. L. Young. 2,003,329; June 4.
 Keyless combination lock. J. W. Soper. 2,022,945; Dec. 3.
 Keyless lock. H. R. Segal. 2,008,565; July 16.
 Keyless locking switch. W. H. Leinenweber. 2,023,894; Dec. 10.
 Keys to can ends, Attaching. G. A. and G. V. Bardet. 1,995,494; Mar. 26.
 Kicker for toy boats. F. L. Lindstrom. 1,997,421; Apr. 9.
 Kiln. L. L. Ladd. 2,003,451; June 4.
 Kiln and cooler, Rotary. J. S. Fasting. 2,019,179; Oct. 29.
 Kiln and cooler, Rotary. P. T. Lindhard. 2,001,258; May 14.
 Kiln and cooler, Rotary. M. Vogel-Jorgensen. 2,001,227; May 14.
 Kiln and heating furnace. A. M. Rossman. 2,026,066; Dec. 31.
 Kiln and in the art of kiln drying, Dry. J. F. Cobb. 2,006,670; July 2.
 Kiln and operating same, Circular type tunnel. P. d'H. Dressler and E. A. Hanf. 1,999,356; Apr. 30.
 Kiln and operating the same, Continuous tunnel. P. d'Huc. Dressler. 1,988,837; Jan. 22.
 Kiln and the like, Rotary. J. S. Fasting. 2,007,298; July 9.
 Kiln, Brick and tile. A. Habla. 2,016,996; Oct. 8.
 Kiln, Brick and tile. A. Habla. 2,020,641; Nov. 12.
 Kiln, Continuous tunnel. P. d'H. Dressler. 2,020,140; Nov. 5.
 Kiln, Dry. M. L. Mueller. 1,989,998; Feb. 5.
 Kiln feed mechanism. C. R. Birdsey. 2,000,272; May 7.
 Kiln, Muffle. F. M. Hartford. 2,010,261; Aug. 6.
 Kiln, Reversible circulation internal fan. R. Thelen. 2,001,001; May 14.
 Kiln, Sponge iron. S. B. Thomas. 1,990,845; Feb. 12.
 Kindler. H. C. Beitz. 2,018,509; Oct. 22.
 Kinescope. P. E. L. Chevallier. 2,021,252-3; Nov. 19.
 Knapin angle gauge. D. Seger. R. D. Smith, and F. J. Fransen. 2,000,865; May 7.
 King pin gauge. C. C. Bennett. 2,018,910; Oct. 29.
 King pin or steering pin bearing. L. M. D. Grainger. 1,992,065; Feb. 19.
 Kit, Brush. R. Riciputi and M. Galuzzi. 1,991,867; Feb. 19.
 Kit, Cigarette. A. M. Wahlstrom. 2,026,367; Dec. 31.
 Kit, Combination. L. J. Rodgers. 1,996,653; Apr. 2.
 Kit, Creator. L. G. Friedman. 2,011,714; Aug. 20.
 Kit, Embroidery. P. C. Sharp. 2,016,181; Oct. 1.
 Kit, Implement. T. Gregory. 1,987,823; Jan. 15.
 Kit, Medicinal. S. Doniger. 1,995,799; Mar. 26.
 Kit, Toilet. J. J. Murphy and E. L. Corbett. 1,990,439; Feb. 5.
 Kit, Toilet. H. Trachtenberg. 2,014,822; Sept. 17.
 Kitchen implement. E. J. Dean. 2,004,782; June 11.
 Kitchen unit. N. M. Dunning. 2,007,184; July 9.
 Kitchen utensil. A. van Roosendaal. 1,989,574; Jan. 29.
 Kitchen utility device. A. C. Gilbert and A. A. Arnold. 2,003,259; May 28.
 Kitchen utility device. A. C. Gilbert and S. P. Morse. 2,007,300; July 9.
 Kite, Aeroplane. R. F. Talmadge. 2,023,939; Dec. 10.
 Knapsack water bag. W. B. Osborne. 2,013,358; Sept. 3.
 Kneading and mixing machine. F. Aeschbach. 2,012,214; Aug. 20.
 Kneading or mixing device. W. J. van Rossem and L. E. Harrison. 1,998,692; Apr. 23.
 Knee rest. E. E. Carlson. 1,986,555; Jan. 1.
 Knife. See—
 Microtome knife.
 Knife. P. T. Champlin. 1,997,131; Apr. 9.
 Knife. F. E. Edgren and A. J. La Croix. 2,023,269; Dec. 3.
 Knife. O. N. Komperud. 1,988,386; Jan. 15.
 Knife. A. J. Le Croix. 2,021,656; Nov. 19.
 Knife. J. A. Wilson. 2,001,232; May 14.
 Knife adjusted for cigarette machine cut-offs. W. B. Bronander. 1,992,735; Feb. 26.
 Knife adjuster, Automatic cut-off. R. E. Rundell. 2,011,913; Aug. 20.
 Knife and axe, Combination. J. R. Case and A. H. Pneuman. 2,018,603; Oct. 22.
 Knife, Beet. S. T. Freas. 2,024,918; Dec. 17.
 Knife blade, Pocket. A. M. Baer. 1,996,501; Apr. 2.
 Knife, Cylinder rotary cut-off. S. Kaiko. 1,989,012; Jan. 22.
 Knife, Corn. J. C. Burton. 2,010,478; Aug. 6.
 Knife, Electrical caponizing. G. H. Beuoy. 2,012,938; Sept. 3.
 Knife for food choppers. C. A. Laemmel. 1,986,933; Jan. 8.
 Knife frame for bread-slicing machines, Adjustable. T. K. Walma. 2,023,362; Dec. 3.
 Knife, Furrier's. C. Parzer. 2,025,305; Dec. 24.
 Knife, Gauge paring. G. Wickbergh. 2,010,208; Aug. 6.
 Knife grinding attachment. S. Oxenhandler. 2,006,510; July 2.
 Knife handle. R. D. Brown. 1,998,044; Apr. 16.
 Knife handle. R. Campbell. 1,989,225; Jan. 29.
 Knife handle. E. A. Dunn. 1,998,188; Apr. 16.
 Knife head, Making a. L. A. Paradise. 2,023,899; Dec. 10.
 Knife, Honey uncapping. R. Stringer. 2,016,523; Oct. 8.
 Knife mechanism for shingle strip apparatus. D. A. Cumfer. 1,986,139; Jan. 1.
 Knife or die, Clicking. W. H. and W. M. Wright. 1,990,154; Feb. 5.
 Knife, Oscillating flaker. L. Horton. 1,987,852; Jan. 15.
 Knife, Pile cutting. P. Schlemper. 2,014,864; Sept. 17.
 Knife, Pocket. C. F. Gaunt. 1,994,215; Mar. 12.
 Knife, Revolving paper. V. T. Thompson. 2,015,877; Oct. 1.
 Knife, Safety wall and desk. B. W. Anderson. 2,007,491; July 9.
 Knife scraper, Slicing machine. W. H. Fryer. 2,025,737; Dec. 31.
 Knife stabilizer for mowers and reapers. H. L. Smith. 2,024,309; Dec. 17.
 Knife, Sugar cane cutting. H. J. B. Scharnberg. 1,994,051; Mar. 12.
 Knife, Whittling. W. Kramer. 2,024,825; Dec. 17.
 Knitted article and producing same. P. Adler. 2,022,612; Nov. 26.
 Knitted fabric. R. Beuter and E. Ruckel. 2,026,339; Dec. 31.
 Knitted fabric. A. Graenz. 2,023,882; Dec. 10.
 Knitted fabric. I. W. Grothey. 2,026,127; Dec. 31.
 Knitted fabric. J. Lawson. 2,009,361; July 23.
 Knitted fabric. R. H. Lawson and A. N. Cloutier. 1,992,899; Feb. 26.
 Knitted fabric. R. H. Lawson and R. F. Lovell. 1,996,648; Apr. 2.
 Knitted fabric. K. R. Lieberknecht. 2,005,093; June 18.
 Knitted fabric. V. Lombardi. 2,002,271; May 21.
 Knitted fabric. V. Lombardi. 2,013,161; Sept. 3.
 Knitted fabric. V. Lombardi. 2,023,371; Dec. 3.
 Knitted fabric. M. Nebel. 2,014,026; Sept. 10.
 Knitted fabric, Nonrun. D. Siegel. 2,022,157; Nov. 26.
 Knitted webs, Making beginning courses for. W. Heintz. 2,022,418; Nov. 26.
 Knitting. I. C. Eberly. 2,011,758; Aug. 20.
 Knitting and similar machine. J. and C. Mauritsch. 2,020,694; Nov. 12.
 Knitting and warp-thread feeding means for use in knitting. E. Wildt and H. H. Holmes. 1,997,376; Apr. 9.
 Knitting, Apparatus for. H. Fuchs. 1,993,509; Mar. 5.
 Knitting device. W. Henderson. 2,012,099; Aug. 20.

- Knitting device and method of knitting. F. Meiwald. 2,020,197; Nov. 5.
- Knitting implement, Wire formed. F. M. Clauss. 2,010,624; Aug. 6.
- Knitting machine. H. Agulnek. 2,006,821; July 2.
- Knitting machine. H. G. Bedell. 2,009,379; July 30.
- Knitting machine. A. R. and B. T. Cole. 2,012,095; Aug. 20.
- Knitting machine. W. D. Gorman and C. Moses. 2,000,837; May 7.
- Knitting machine. E. Hausser. 1,989,318; Jan. 29.
- Knitting machine. H. H. Holmes. 2,014,132; Sept. 10.
- Knitting machine. H. H. Holmes. 2,023,261; Dec. 3.
- Knitting machine. H. H. Holmes and K. H. Robinson. 2,014,131; Sept. 10.
- Knitting machine. H. H. Holmes and R. H. Robinson. 2,017,718; Oct. 15.
- Knitting machine. H. H. Holmes and R. H. Robinson. 2,017,969; Oct. 22.
- Knitting machine. H. S. Horrocks. 1,989,617; Jan. 29.
- Knitting machine. W. L. Houseman. 2,006,893; July 2.
- Knitting machine. H. E. Houseman. 2,009,694; July 30.
- Knitting machine. H. E. Houseman. 2,012,309; Aug. 27.
- Knitting machine. H. E. Houseman. 2,012,310; Aug. 27.
- Knitting machine. W. L. Houseman. 2,012,607; Aug. 27.
- Knitting machine. H. B. Knox. 1,994,476; Mar. 19.
- Knitting machine. H. Kuehnel. 2,025,871; Dec. 31.
- Knitting machine. W. J. Kurdt and V. Lombardi. 2,007,573; July 9.
- Knitting machine. V. Lombardi. 2,025,463; Dec. 24.
- Knitting machine. V. Lombardi. 2,025,465; Dec. 24.
- Knitting machine. R. E. Mate and N. Scardino. 1,987,022; Jan. 8.
- Knitting machine. F. Meiwald. 2,016,870; Oct. 8.
- Knitting machine. J. Meyer. 2,012,246; Aug. 20.
- Knitting machine. M. C. Miller. 1,995,644-5; Mar. 26.
- Knitting machine. J. H. Murphy. 1,998,286; Apr. 16.
- Knitting machine. M. Oudiette. 1,990,132; Feb. 5.
- Knitting machine. A. E. Page. 1,990,416; Feb. 5.
- Knitting machine. F. R. Page. 2,005,632; June 18.
- Knitting machine. S. R. Shelmire. 2,000,194; May 7.
- Knitting machine. S. R. Shelmire. 2,016,055; Oct. 1.
- Knitting machine. H. N. Sheppard. 2,008,599; July 16.
- Knitting machine. H. A. Shields. 1,996,594; Apr. 2.
- Knitting machine. H. W. Simpson. 2,002,417; May 21.
- Knitting machine. A. E. Stewart. 1,986,753; Jan. 1.
- Knitting machine. A. E. Stewart. 1,992,641; Feb. 26.
- Knitting machine. A. E. Stewart. 1,994,041; Mar. 12.
- Knitting machine. A. Strelz. 2,017,673; Oct. 15.
- Knitting machine. H. Swinglehurst. 1,995,231; Mar. 19.
- Knitting machine. E. Tither. 2,015,540; Sept. 24.
- Knitting machine. J. Wachsmann. 2,013,529; Sept. 3.
- Knitting machine. C. Warren. 2,017,082; Oct. 15.
- Knitting machine. F. G. Weisbecker. 2,026,514; Dec. 31.
- Knitting machine. S. A. Welch, A. F. Guyler, J. T. Ashby, and W. H. Boaler. 1,998,473; Apr. 23.
- Knitting machine. S. A. Welch, A. F. Guyler, J. T. Ashby and W. H. Boaler. 2,004,260; June 11.
- Knitting machine. S. A. Welch, A. F. Guyler, W. H. Boaler and J. T. Ashby. 2,002,070; May 21.
- Knitting machine. S. A. Welch, A. F. Guyler, W. H. Boaler and J. T. Ashby. 2,025,964; Dec. 31.
- Knitting machine. E. Wildt and H. H. Holmes. 1,987,091; Jan. 8.
- Knitting machine. E. Wildt and H. H. Holmes. 2,018,167; Oct. 22.
- Knitting machine. M. Zimic. 2,003,674; June 4.
- Knitting machine. M. Zimic. 1,997,286; Apr. 9.
- Knitting machine. H. M. Zippel. 1,992,982; Mar. 5.
- Knitting machine adapted to shape knitted articles. D. Stromberg. 2,018,290; Oct. 22.
- Knitting machine and adjustable elements therefor. V. Lombardi. 2,025,464; Dec. 24.
- Knitting machine and knitting beret caps and the like. L. Borsook. 2,000,373; May 7.
- Knitting machine and the production of nonrun fabric. G. Gastrich. 1,998,364; Apr. 16.
- Knitting machine, Circular. P. A. Bentley, C. F. Manger, and C. H. Wainwright. 2,023,633; Dec. 10.
- Knitting machine, Circular. F. E. Deans and C. F. Manger. 2,019,396; Oct. 29.
- Knitting machine, Circular. P. A. Bentley, C. F. Manger, and C. H. Wainwright. 1,986,317; Jan. 1.
- Knitting machine drive shaft. S. W. Lippitt. 2,009,141; July 23.
- Knitting machine, Flat. W. Hug. 2,022,468; Nov. 26.
- Knitting machine, Full fashioned. K. Howie. 1,989,232; Jan. 29.
- Knitting machine, Full fashioned. G. A. Strauch, E. F. Richter, and J. E. Garrett. 2,003,095; May 28.
- Knitting machine, Jacquard mechanism controlled. J. Korber. 1,994,653; Mar. 19.
- Knitting machine, Mechanically operated. G. F. Gast. 2,021,301; Nov. 19.
- Knitting machine, Spring needle pile fabric. D. P. Moore. 2,017,073; Oct. 15.
- Knitting machine, Straight. K. Howie and C. C. Kriebel. 2,006,694; July 2.
- Knitting machine, Straight. C. F. Meyer. 2,018,460; Oct. 22.
- Knitting machine with horizontal design wheels. N. Levin. 2,024,530; Dec. 17.
- Knitting machine with picot mechanism, Full fashioned. K. Howie. 1,986,577; Jan. 1.
- Knitting machinery. F. Lambach. 2,002,116; May 21.
- Knitting machines, Automatic racking-out mechanism for. A. Gee. 2,024,519; Dec. 17.
- Knitting machines, Auxiliary means for governing the fashioning mechanism of flat. W. I. Tebo. 2,021,904; Nov. 26.
- Knitting machines, Double sole attachment for. W. G. Wilson. 2,022,836; Dec. 3.
- Knitting machines, Effecting transfer of knitted fabric portions in full-fashioned. M. E. Magnier. 1,995,279; Mar. 19.
- Knitting machines, Fashioning attachment for. M. Philip. 2,004,584; June 11.
- Knitting machines, Knitting on axially opposed needle cylinder, circular. T. S. Grieve. 2,011,360; Aug. 13.
- Knitting machines, Method of and apparatus for casting on loops on flat. W. Heintz. 1,998,368; Apr. 16.
- Knitting machines, Regulating attachment for. J. Steinhart. 1,990,440; Feb. 5.
- Knitting mechanism. B. Kinsella, J. G. Pratt, and B. Kelsall. 2,014,529; Sept. 17.
- Knitting mechanism. V. Lombardi. 2,025,466; Dec. 24.
- Knitting method and machine. S. R. Shelmire. 2,006,414; July 2.
- Knitting needle, Attached. J. H. Graham. 1,999,691; Apr. 30.
- Knitting of fabric. S. A. Welch, A. F. Guyler, J. T. Ashby, and W. H. Boaler. 1,998,474; Apr. 23.
- Knitting pin. E. D. Davis. 1,989,352; Jan. 29.
- Knitting pin and stitch gauge. E. D. Davis. 1,989,353; Jan. 29.
- Knives, Grinding of rotating eccentric. W. E. Molins. 2,022,569; Nov. 26.
- Knives, Grinding of rotating eccentric. E. C. Mühlbauer. 2,026,096; Dec. 31.
- Knob and cylinder lock, Demountable. W. R. Schlage. 2,007,350; July 9.
- Knob and the formation thereof, Ornamental. D. E. Johnson. 2,002,817; May 28.
- Knob, Making a. L. C. Shippy. 1,986,374; Jan. 1.
- Knob or handle construction. D. A. Belden. 2,002,466; May 21.
- Knob or handle, Ornamental. A. Wiltshire, Jr. 2,007,555; July 9.
- Knob structure for locks. H. G. Voight. 1,996,357; Apr. 2.
- Knockdown box. S. N. Leopold. 2,019,787; Nov. 5.
- Knock-down box. G. H. Osgood. 2,025,420; Dec. 24.
- Knock-down container. R. I. Drake and W. K. Andrew. 2,015,393; Sept. 24.
- Knock-down display device. A. Hailparn. 2,023,419; Dec. 10.
- Knockdown shipping case. H. W. Blair. 2,018,595; Oct. 22.
- Knockdown sign. H. D. Frank. 1,989,855; Feb. 5.
- Knock-down table. B. A. Casott. 2,023,870; Dec. 10.
- Knocking in internal combustion engines, Eliminating. L. B. Kimball. 2,018,892; Oct. 29.
- Knot-forming mechanism. E. Adrian. 2,000,504; May 7.
- Label. F. Matthews. 2,015,117; Sept. 24.
- Label and the like, Multiple colored rubber. V. H. Bodle. 2,016,312; Oct. 8.
- Label and tie holder, Combined. I. D. Wolfson. 2,006,427; July 2.
- Label carrying container. G. D. Hofe. 1,987,902; Jan. 15.
- Label cutting and folding mechanism. C. W. Shaver. 1,991,423; Feb. 19.
- Label dispensing and moistening machine. A. La Grange. 2,005,898; June 25.
- Label imprinting device. J. Silverman. 2,024,395; Dec. 17.
- Label wiping device. C. Holm. 2,015,597; Sept. 24.
- Label wiping device. C. Holm. 2,015,800; Oct. 1.
- Labeling and/or package sealing machine, Automatic. W. A. V. Thomsen. 1,986,611; Jan. 1.
- Labeling machine. S. R. Geist. 2,011,715; Aug. 20.
- Labeling machine. C. M. Hesson. 1,995,306; Mar. 26.
- Labeling machine. S. E. Morral. 1,995,073; Mar. 19.
- Labeling machine. C. H. Oslund. 1,991,225; Feb. 12.
- Labeling machine. W. W. Oslund. 2,005,802; June 25.
- Labeling machine. C. H. Wild. 2,014,710; Sept. 17.
- Laboratory burner. C. S. Hornberger. 2,017,097; Oct. 15.
- Lace. G. D. Boysen. Des. 94,292-4; Jan. 8.
- Lace attachment. W. Heintz. 2,009,925; July 30.
- Lace attachment for full fashioned knitting machines. G. Bitzer. 2,005,070; June 18.
- Lace, Elastic. F. Luttman, Jr. 2,004,702; June 11.
- Lace fabric. C. Goodley. 2,024,573; Dec. 17.
- Lace fabric and articles, Knitted. G. Gastrich. 2,021,598; Nov. 19.
- Lace mechanism for flat knitting machines. A. Gee. 2,011,577; Aug. 20.
- Lace tipping machine. J. E. Chace. 2,012,905; Aug. 27.
- Lacing and the product obtained thereby. R. T. Allis. 2,017,679; Oct. 15.
- Lacquer. O. A. Cherry. 1,996,570; Apr. 2.
- Lacquer. C. W. Sweitzer. 1,987,980; Jan. 15.
- Lacquer. M. M. Wilson. 2,022,331; Nov. 26.
- Lacquer bases, Production of. M. Luther, W. Pungs, R. Griessbach, and C. Heuck. 2,019,865; Nov. 5.
- Lacquer, Bronzing. D. J. Burke. 2,026,493; Dec. 31.
- Lacquer coating and making the same, Crystal. E. H. Bucy. 2,016,314; Oct. 8.
- Lacquer enamel. H. W. Battle, Jr. 2,004,514; June 11.

Lacquer, enamel, base solution, and the like. C. B. Gilbert. 2,008,641; July 16.

Lacquer for brush application and making the same. W. C. Wilson and C. E. Fawkes. 1,991,533; Feb. 19.

Lacquer, Nongelling. C. Bogin and V. Kelly. 2,023,363; Dec. 3.

Lacquer, Printing. D. R. Wiggam. 1,996,846; Apr. 9.

Lacquers, Cellulose higher acyl radical. C. J. Malm and C. E. Waring. 1,997,337; Apr. 9.

Lacquers, Dyeing nitrocellulose. W. Jaeck. 2,000,393; May 7.

Lactalbumin, Preparation of soluble. G. F. Flanigan and G. C. Supplee. 2,023,014; Dec. 3.

Lactates, Deodorization of. C. A. Vana. 2,013,082; Sept. 3.

Lactyl cellulose esters, Preparation of. W. O. Kenyon and R. H. Van Dyke. 2,000,596; May 7.

Ladder. W. C. Kenyon. 1,986,477; Jan. 1.

Ladder. J. M. Lithgow. 2,014,141; Sept. 10.

Ladder. M. A. Nunes. 2,005,384; June 18.

Ladder. P. W. Ortell. 2,021,017; Nov. 12.

Ladder. C. E. Sanders. 2,016,792; Oct. 8.

Ladder. J. A. Skiba. 2,012,592; Aug. 27.

Ladder. F. White. 1,996,133; Apr. 2.

Ladder and trestle. Combined extension. J. S. Cantelo. 2,017,563; Oct. 15.

Ladder assembling machine. N. L. Thrasher. 2,017,775; Oct. 15.

Ladder attachment. R. Fredriksen. 2,008,582; July 16.

Ladder bracket. I. E. Hogelin. 2,000,483; May 7.

Ladder, Fire escape. H. St. Pierre. 1,994,408; Mar. 12.

Ladder, Folding. P. Zeman. 2,021,494; Nov. 19.

Ladder, Folding and extensible. C. E. Morris. 1,987,535; Jan. 8.

Ladder support. N. P. Larsen. 1,991,900; Feb. 19.

Ladder, Universal folding. W. Harting. 2,024,039; Dec. 10.

Ladle, Metallurgical. F. L. Sage. 2,016,579; Oct. 8.

Lady's hand bag. W. O. Benjafield. 2,003,130; May 28.

Lady's hand bag. H. Green and B. Stember. 2,010,513; Aug. 6.

Lady's hand bag. M. Sachs. 2,004,220; June 11.

Lady's hand bag. F. A. Speik and G. K. Forbes. 2,022,162; Nov. 26.

Laminated article. W. H. Carothers, G. J. Berchet, and R. A. Jacobson. 2,019,118; Oct. 29.

Laminated article, Preparing. G. W. Booth. 1,993,254; Mar. 5.

Laminated container. D. C. Shepard. 1,995,521; Mar. 26.

Laminated container. S. Smith. 1,995,523; Mar. 26.

Laminated core for electrical apparatus. W. J. O'Leary. 1,997,550; Apr. 9.

Laminated material. G. Goebel. 2,020,776; Nov. 12.

Laminated material. W. E. Gwaltney. 1,991,090; Feb. 12.

Laminated material. R. S. Reynolds. 2,003,494; June 4.

Laminated material. J. E. Snyder. 1,992,249; Feb. 26.

Laminated material and producing same. C. A. Page. 2,011,648; Aug. 20.

Laminated material, Producing. G. H. Mains. 1,987,694; Jan. 15.

Laminated product and making the same. G. W. Seymour. 1,990,098; Feb. 5.

Laminated product and process. J. D. Cochrane, Jr. 1,997,359; Apr. 9.

Laminated product, Bendable. G. E. Landt. 2,003,752; June 4.

Laminated spring. A. K. Strandberg, T. R. Weber and C. M. Ipsen. 2,026,404; Dec. 31.

Laminating. W. H. Charch and J. E. Snyder. 1,992,190; Feb. 26.

Lamp: See—

Arc lamp.

Automatic arc lamp.

Bridge lamp.

Clamp lamp.

Discharge lamp.

Electric discharge lamp.

Electric incandescent lamp.

Electric lamp.

Flash lamp.

Flash light lamp.

Gas arc lamp.

Gas filled lamp.

Gaseous conduction lamp.

Glass arc lamp.

Glow discharge lamp.

Glow indicator lamp.

Glow lamp.

Hand lamp.

Head lamp.

Headlight lamp.

High and low voltage lamp.

Illumination lamp.

Incandescent filament lamp.

Incandescent lamp.

Insect catching lamp.

Lamp. L. W. Barnes. 1,989,578; Jan. 29.

Lamp. H. J. Bauer. 2,001,472; May 14.

Lamp. M. Berch. 2,024,562; Dec. 17.

Lamp. E. C. Godfrey. 2,008,177; July 16.

Lamp. L. S. Greenmun. 1,992,823; Feb. 26.

Lamp. C. B. Kurtz. 2,001,030; May 14.

Light projection lamp.

Locomotive headlight lamp.

Mercury vapor lamp.

Miner's lamp.

Motor vehicle lamp.

Ornamental lamp.

Photoflash lamp.

Portable surgical lamp.

Positive column lamp.

Projector lamp.

Quartz tube lamp.

Reflecting electric lamp.

Refrigerator latch.

Road lamp.

Safety lamp.

Short wave length, electric lamp.

Signal lamp.

Sodium vapor lamp.

Therapeutic lamp.

Traffic signal lamp.

Trouble lamp.

Ultraviolet lamp.

Variable intensity lamp.

Variable voltage lamp.

Vehicle head lamp.

Vehicle headlight lamp.

Vehicle rear lamp.

Lamp. C. Schaffner. 1,994,669; Mar. 19.

Lamp. B. W. Tullis. 2,008,882; July 23.

Lamp. W. von Nessen. 1,989,122; Jan. 29.

Lamp. C. E. Waltman. 1,996,713; Apr. 2.

Lamp. W. W. Worthington. 1,988,583; Jan. 22.

Lamp. F. E. Zara. 2,003,228; May 28.

Lamp and camera apparatus, Synchronized flash. R. I. Munder. 1,989,109; Jan. 29.

Lamp and flasher, Combined incandescent. J. Schmidinger and C. C. Bohner. 1,998,823; Apr. 23.

Lamp and horn, Combined. H. Waker. 1,993,765; Mar. 12.

Lamp and method of manufacturing thereof, Precision electric. G. Illingworth. 1,995,148; Mar. 19.

Lamp and similar device, Electric incandescent. H. Asmussen. 2,014,220; Sept. 10.

Lamp and similar device, Incandescent. D. K. Wright. 1,988,290; Jan. 15.

Lamp and socket, Quick detachable. N. L. Guljas, Jr. 2,003,507; June 4.

Lamp and support therefor, Spotlight. J. Kliegl. 2,014,573; Sept. 17.

Lamp and the like and its mounting and electrical connection, Electric. H. D. Blake. 2,006,155; June 25.

Lamp base. R. F. Howe. 2,010,084; Aug. 6.

Lamp base lock, Incandescent. F. E. Carl. 1,991,920; Feb. 19.

Lamp bracket. F. H. Richterkessing. 1,985,951; Jan. 1.

Lamp bulb, Electric. G. Herzberg and W. Ambrunn. 2,025,588; Dec. 24.

Lamp cluster. W. J. Urban. 2,018,905; Oct. 29.

Lamp construction. C. H. Braselton. 2,007,933; July 9.

Lamp device, Detachable. W. A. Ready. 1,989,529; Jan. 29.

Lamp device, Gaseous electric discharge. C. Bol. 2,004,564; June 11.

Lamp device, Gaseous electric discharge. C. Bol and H. A. W. Klinkhamer. 1,990,164; Feb. 5.

Lamp device, Gaseous electric discharge. J. Dellian. 1,990,170; Feb. 5.

Lamp device, Gaseous electric discharge. E. G. Dorgelo. 1,994,305; Mar. 12.

Lamp device, Gaseous electric discharge. H. Ewest. 2,009,223; July 23.

Lamp device, Gaseous electric discharge. O. Fritze and A. Rüttenauer. 2,020,724-5; Nov. 12.

Lamp device, Gaseous electric discharge. G. Holst. 1,994,310; Mar. 12.

Lamp device, Gaseous electric discharge. H. Krefft. 2,009,196; July 23.

Lamp device, Gaseous electric discharge. M. Pirani, M. Reger, and A. Fehse. 2,009,203; July 23.

Lamp device, Gaseous electric discharge. M. Reger. 1,990,205; Feb. 5.

Lamp device, Gaseous electric discharge. R. Schmidt. 2,001,504; May 14.

Lamp device, Gaseous electric discharge. W. Uytterhoeven and A. de Bruin. 2,020,707; Nov. 12.

Lamp device, Gaseous electric discharge. W. Uytterhoeven and M. J. Druyvesteyn. 2,001,511; May 14.

Lamp device, Gaseous electric discharge. W. Uytterhoeven, M. van Dam, and C. Verburg. 2,020,708; Nov. 12.

Lamp device, Gaseous electric discharge. W. Uytterhoeven and C. Verburg. 2,020,706; Nov. 12.

Lamp device, Surgical. F. C. Wappler. 2,017,137; Oct. 15.

Lamp display container. J. B. Hinson. 2,015,222; Sept. 24.

Lamp, especially mercury lamp, Gas discharge. W. J. Hitchcock. 2,016,111; Oct. 1.

Lamp, filament therefor and process and apparatus for making the same, Incandescent. S. Ruben. 2,018,470; Oct. 22.

Lamp filaments and similar articles, Method of and apparatus for coating incandescent. F. E. Nehmert. 1,988,955; Jan. 22.

Lamp fixture, Electric. P. J. Texier. 1,994,410; Mar. 12.

Lamp for automobiles, Inside. C. D. Strong. 2,012,593; Aug. 27.

Lamp for motor vehicles, Head. T. O. Cartner. 1,990,115; Feb. 5.

Lamp for motor vehicles, Projecting. O. Rall. 2,006,249; June 25.

Lamp for producing a line of light, Discharge. J. W. McKay. 2,014,858; Sept. 17.

Lamp for producing intermittent light. C. H. Braselton. 2,010,772; Aug. 6.

Lamp for vehicles, Head. J. B. Herring. 2,015,935; Oct. 1.

Lamp manipulator. J. R. Tate. 2,021,529; Nov. 19.

Lamp mounting and current supply connection, Electric. T. W. Frech and W. J. Geiger. 2,017,714; Oct. 15.

Lamp mounting for toy vehicles. H. L. Kraefft. 1,995,309; Mar. 26.

Lamp or burner, Hydrocarbon vapor. F. C. Tilley. 2,021,818; Nov. 19.

Lamp or similar device, Electric. L. R. Peters. 2,009,094; July 23.

Lamp or the like and manufacturing same, Incandescent electric. Y. Sakakura. 1,989,292; Jan. 29.

Lamp part, Telescoping. L. C. Doane. 1,994,886; Mar. 19.

Lamp receptacle. M. N. Russell. 2,009,523; July 30.

Lamp receptacle, Electric. H. K. Wack. 2,001,657; May 14.

- Lampshade cover, Adjustable protective transparent. S. J. Brandstein. 2,005,531; June 18.
- Lamp shade holder. M. C. Levy. 2,025,819; Dec. 31.
- Lamp shade support. P. H. Planeta. 2,022,522; Nov. 26.
- Lamp slit and making same. L. T. Jones. 1,991,681; Feb. 19.
- Lamp socket support. J. Figueira. 1,989,747; Feb. 5.
- Lamp stand. R. C. Gregg. 1,987,848; Jan. 15.
- Lamp standard and fixture. V. N. Marker and D. McMakin. 2,025,601; Dec. 24.
- Lamp stem, Incandescent. J. A. Donohoe. 1,989,791; Feb. 5.
- Lamp stem, Incandescent. A. Hofmann and V. Anderson. 2,017,862; Oct. 22.
- Lamp stems, Manufacture of. D. G. Trutner. 1,990,258; Feb. 5.
- Lamp structure, Oscillatory. J. Kennelly. 1,991,101; Feb. 12.
- Lamp support. H. G. Hammar. 2,020,886; Nov. 12.
- Lamp testing machine. H. M. Kilpatrick. 2,007,201; July 9.
- Lamp unit. H. Krefft. 2,001,495; May 14.
- Lamp unit. W. Uytendhoeven and C. Verburg. 2,001,510; May 14.
- Lamp with concentrated light source, Electric. R. Harding, Jr. 2,007,945; July 9.
- Lamp with diffusing lamellae, Incandescent. C. Weidner. 1,996,225; Apr. 2.
- Lamp wrench. M. E. Demyttenaere. 2,016,078; Oct. 1.
- Lamps, Apparatus for controlling discharge. W. F. Westendorp. 1,986,614; Jan. 1.
- Lamps, Apparatus for testing and assorting electric incandescent. C. Reiter, W. W. Loebe, C. Samson, F. Bobek, and M. R. Grossmann. 2,020,964; Nov. 12.
- Lamps, Device for operating photoflash. D. S. Gustin and J. M. Fagan. 1,986,474; Jan. 1.
- Lamps in an illuminating unit, Device for changing. G. Koito. 1,987,532; Jan. 8.
- Lamps, Manufacture of electric incandescent. O. H. Biggs and L. E. Cobb. 1,999,014; Apr. 23.
- Lamps, Means for suspending. J. T. Seyler. 2,025,248; Dec. 24.
- Lamps, Method of and apparatus for manufacturing. V. H. Van Sant. 2,023,628; Dec. 10.
- Lamps, Operating vapor electric. G. R. Fonda and A. H. Young. 2,025,585; Dec. 24.
- Lamps, vacuum tubes, and similar devices, Manufacturing. R. M. Zimmer. 2,006,818; July 2.
- Lance, Decoking. C. E. Rhein and J. J. Bruton. 1,987,972; Jan. 15.
- Lance, Decoking. C. E. Rhein and J. J. Bruton. 2,012,832; Aug. 27.
- Land leveler. C. H. Martin. 2,014,479; Sept. 17.
- Landing field localizer. L. Cohen, J. I. McMullen and J. O. Mauborgne. 2,007,076; July 2.
- Landing gear. C. W. Steward. 1,988,093; Jan. 15.
- Landing gear, Retractable. F. R. Canney. 2,015,920; Oct. 1.
- Landing signal. A. T. Sewell. 1,989,295; Jan. 29.
- Lantern. R. D. Evans. 2,003,352; June 4.
- Lantern. C. Metz. 2,015,432; Sept. 24.
- Lantern, Hand. A. C. Korte. 2,010,089; Aug. 6.
- Lantern, Hurricane. B. Nier. 2,004,826; June 11.
- Lantern, Multiple bulb electric. J. H. Easley. 2,013,380; Sept. 3.
- Lantern slide and making the same. D. P. Mossman. 1,992,128; Feb. 19.
- Lap. A. J. Brickner. 2,001,122; May 14.
- Lap arrester for winding machines. J. O. McKean. 2,006,055; June 25.
- Lapel fastener. M. H. Gronauer. 2,015,032; Sept. 17.
- Lapping machine. G. H. North. 2,026,429; Dec. 31.
- Lapping machine. W. D. Rundlett. 1,998,738; Apr. 23.
- Lapping machine. F. J. Theler, G. V. Johnston, and W. Peaslee. 2,017,875; Oct. 22.
- Lariat. R. L. La Rue. 1,993,010; Mar. 5.
- Larynx, Artificial. R. R. Riesz. 2,024,601; Dec. 17.
- Larynx, Artificial. C. Sheard and A. N. Porter. 1,993,076; Mar. 5.
- Last. M. Cooper. 1,989,350; Jan. 29.
- Last. H. L. Moorhouse. 2,005,324; June 18.
- Last. W. H. S. Tuill. 2,016,844; Oct. 8.
- Last. J. A. Wilkens. 2,020,980; Nov. 12.
- Last for shoe repair work, Extension. T. Pizsa and G. A. Gilles. 2,014,981; Sept. 17.
- Last, Hinged. F. W. Stuart. 2,023,712; Dec. 10.
- Last, Shoe. S. Kurlan. 2,021,258; Nov. 19.
- Last, Shoe. W. Loewer. 1,987,745; Jan. 15.
- Last, Shoemaker's. P. Hein. 2,022,597; Nov. 26.
- Last, Shoe making. C. A. Messmer. 2,014,262; Sept. 10.
- Last, Shoe stretching. P. La Marca and Q. D. Romito. 2,000,340; May 7.
- Lasts, Apparatus for grading and marking. A. J. Brauer and F. P. Wagner. 2,009,471; July 30.
- Lasts, Making. C. K. MacDonald. 2,002,580; May 28.
- Lasts, Positioning of. A. F. Pym. 2,022,783; Dec. 3.
- Lasting machine. A. Bates. 2,012,297; Aug. 27.
- Lasting machine. B. Jorgensen. 2,011,682; Aug. 20.
- Lasting machine. H. Lane and H. H. Dyson. 2,013,057; Sept. 3.
- Lasting machine. F. L. MacKenzie and B. B. Blanchard. 2,022,776; Dec. 3.
- Lasting machine. W. T. B. Roberts. 1,993,117; Mar. 5.
- Latch: See—
- Door latch.
- Hasp latch.
- Hood latch.
- Refrigerator latch.
- Safety cover latch.
- Latch. A. J. Harris. 2,021,549; Nov. 19.
- Latch. J. W. Lakin. 2,001,787; May 21.
- Latch. W. J. Pasinski. 2,022,385; Nov. 26.
- Latch. G. E. Roedding. 1,995,106; Mar. 19.
- Latch. G. E. Roedding. 2,014,587; Sept. 17.
- Latch. W. Schnell. 2,025,311; Dec. 24.
- Latch actuating mechanism. J. B. Whitted. 2,014,363; Sept. 10.
- Latch and lever for car doors, Combination. L. D. Gregg. 2,021,957; Nov. 26.
- Latch and lock mechanism. J. P. McKinney, Jr. 2,002,542; May 28.
- Latch bolt operating and locking mechanism. K. A. Benzee. 2,007,672; July 9.
- Latch for automatic dumping vehicles. H. W. Sanford. 2,001,471; May 14.
- Latch for automobile fender shrouds. A. Claud-Mantle. 2,017,564; Oct. 15.
- Latch for automobile gear shift levers, Safety. A. A. Still. 1,998,208; Apr. 16.
- Latch for gear shift levers, Safety. A. A. Still. 2,025,253; Dec. 24.
- Latch for panels. O. B. Pulis. 1,987,076; Jan. 8.
- Latch handle. J. P. Tarbox. 1,987,165; Jan. 8.
- Latch keeper for sash locks. L. A. Macklanburg. 2,011,522; Aug. 13.
- Latch lock. G. H. Wheary. 2,001,805; May 21.
- Latch means for folding eyeglasses. V. Tanasso and J. J. Pomeranz. 2,014,092; Sept. 10.
- Latch mechanism. J. W. Stribling. 2,001,507; May 14.
- Latch mechanism for switch cabinet doors. J. G. Jackson. 1,988,689; Jan. 22.
- Latch needle pattern attachment. H. A. Shields. 2,014,213; Sept. 10.
- Latch plate and release. C. W. Crannell. 2,025,377; Dec. 24.
- Latching means for lockers and the like. S. N. Hope. 2,001,493; May 14.
- Latching means for quickly detachable roof closures. W. Heins. 2,022,718; Dec. 3.
- Latching mechanism. T. T. Haag. 1,996,865; Apr. 9.
- Lateral restraint device. O. K. Kjolseth. 2,014,970; Sept. 17.
- Latex and product obtained thereby, Treating. C. E. Linscott. 2,001,791; May 21.
- Latex composition. W. E. Messer. 1,995,859; Mar. 26.
- Latex, Creaming of. J. McGavack. 1,989,241; Jan. 29.
- Latex into textile fibers, threads, tissues, cords, and other textile materials, Facilitating the penetration of. L. S. M. Lejeune and J. E. C. Bongrand. 2,019,420; Oct. 29.
- Latex, Preservation of. W. E. Cake. 2,004,156; June 11.
- Latex, Thickening. J. McGavack. 1,991,402; Feb. 19.
- Lath and wall construction embodying same. S. A. Swanson. 2,013,255; Sept. 3.
- Lath, Metal. C. H. Scammell. 2,020,908; Nov. 12.
- Lathe. L. A. Dumser and C. J. Schroeder. 2,016,365; Oct. 8.
- Lathe. W. H. Foster. 2,008,011; July 16.
- Lathe. W. J. Merrigan. 2,005,101; June 18.
- Lathe and like machine tool. R. J. Dixon. 2,007,564; July 9.
- Lathe, Automatic copying. A. Shatkin. 2,017,513; Oct. 15.
- Lathe, Crankshaft. R. Dreverhoff. 1,993,363; Mar. 5.
- Lathe, Electrically operated. R. D. Shaw. 2,005,509; June 18.
- Lathe, Form turning. R. D. Shaw. 2,011,086; Aug. 13.
- Lathe, Orbital. W. F. Groene and H. J. Siekmann. 1,993,994-5; Mar. 12.
- Lathe, Turret. W. H. Foster. 2,008,010; July 16.
- Laundering method. R. A. Phair and J. G. Lukash. 1,998,819; Apr. 23.
- Laundry bag. D. D. Towers. 2,009,035; July 23.
- Laundry container. N. S. McEwen. 2,015,119; Sept. 24.
- Laundry drying machine. M. Troy. 1,998,912; Apr. 23.
- Laundry machine. W. E. Bock. 1,989,664; Feb. 5.
- Laundry machine. J. B. Kirby. 1,995,925-6; Mar. 26.
- Laundry machine. J. B. Kirby. 2,001,965; May 21.
- Laundry machine. J. B. Kirby. 2,009,111; July 23.
- Laundry machine mechanism. W. A. Frantz and J. J. McCabe. 2,019,564; Nov. 5.
- Laundry machinery. H. C. Hubbell. 1,991,803; Feb. 19.
- Laundry press. L. M. Kahn. 2,021,312; Nov. 19.
- Laundry sour composition and method. A. B. Gerber. 1,989,312; Jan. 29.
- Laundry system. J. P. Remington. 1,997,267; Apr. 9.
- Laundry tub mold. J. B. Ryan. 2,009,415; July 30.
- Launtering apparatus for brewing. C. L. Kenney. 2,013,444; Sept. 3.
- Lavatory and sink trap, Concealed anti-siphon. J. F. Church. 2,015,469; Sept. 24.
- Lavatory seat, Detachable and collapsible. J. H. Brown. 2,023,162; Dec. 3.
- Lawn chair. A. Brown. 2,006,667; July 2.
- Lawn edger. H. L. Petters. 2,001,921; May 21.
- Lawn edging tool. C. O. Fell. 2,021,625; Nov. 19.
- Lawn trimming device. M. L. Willits. 1,991,305; Feb. 12.
- Tank closure latch.
- Time latch.
- Wagon tail-board latch.
- Window latch.

- Lay for looms. W. F. Bird and W. R. Hewton. 2,021,848; Nov. 19.
- Lead alkyls, Preparation of. F. Downing and L. S. Bake. 2,000,069; May 7.
- Lead and lead compounds, Process and apparatus for producing finely divided. P. Kemp and E. Feuer. 2,019,536; Nov. 5.
- Lead borate, Preparation of. G. E. Sievert. 2,014,148; Sept. 10.
- Lead carbonate, Making. A. Applegate. 2,013,531; Sept. 3.
- Lead, Graphite writing and drawing. K. Kreutzer. 1,989,370; Jan. 29.
- Lead, Pencil. I. Chesler. 2,011,270; Aug. 13.
- Lead phenolate and making same. W. H. Carothers. 2,008,003; July 16.
- Lead, Refining molten zinciferous. P. Wefelscheid. 1,995,593; Mar. 26.
- Lead salt of dinitro benzoic acid and priming composition containing the same. W. Brün. 1,991,730; Feb. 19.
- Lead salts of dinitrosalicylic acid. W. Brün. 2,021,497; Nov. 19.
- Lead stypnate, Manufacture of. E. Herz. 1,999,728; Apr. 30.
- Lead sulphate, Manufacturing basic. F. E. Gregory, J. I. McClaren, and P. R. Hamilton. 2,026,033; Dec. 31.
- Lead sulphite mineral, Treating. F. E. Gregory and R. L. Hallows. 2,003,711; June 4.
- Lead testing device. H. J. Münn. 2,025,215; Dec. 24.
- Lead, Tetra alkyl. F. B. Downing, A. E. Parmelee, C. J. Pedersen, and J. L. Stecher. 2,004,160; June 11.
- Lead, Treating antimonial. H. H. Monson. 2,007,545; July 9.
- Lead trinitroresorcinol, Making basic. H. Tauson. 2,020,665; Nov. 12.
- Lead, Trolling. J. Mortensen. 2,022,602; Nov. 26.
- Leader. L. B. Huntington, Jr. 1,987,551; Jan. 8.
- Leader straightener. L. C. Scharnhorst. 2,022,091; Nov. 26.
- Leading-in device for metallic vacuum-discharge containers. W. Dällenbach. 1,997,361; Apr. 9.
- Leads, Making writing pencil. E. Schwanhauser. 2,013,584; Sept. 3.
- Leads to line wires, Device for attaching. E. A. Mack. 2,016,749; Oct. 8.
- Leaf feed for stemming machines. R. E. Rundell. 1,992,773; Feb. 26.
- Leaf separator and feeder. J. Gough. 1,987,103; Jan. 8.
- Leaf stemmer. J. Gough. 1,998,894; Apr. 23.
- Leak detecting apparatus. D. E. Dasher. 2,017,951; Oct. 22.
- Leak detector. W. G. Michaelis. 1,987,486; Jan. 8.
- Leak detector for pipe lines. A. L. Smith. 2,008,934; July 23.
- Leakage compensator for hydraulic systems. H. Ernst and Sassen. 2,006,311; June 25.
- Leakage preventing means for concrete mixing receptacles. C. F. Ball. 1,994,010; Mar. 12.
- Leaky can detector. F. D. Chapman. 2,011,332; Aug. 13.
- Leather and article made thereby, Tanning. F. Wayland. 1,998,567; Apr. 23.
- Leather and making the same, Ornamented. G. D. Sart. 2,002,792; May 28.
- Leather and producing the same, Embossed. K. E. Bell. 2,017,453; Oct. 15.
- Leather and the leather produced by same method, Method of tanning. S. H. Friestedt. 2,009,255; July 23.
- Leather and treating same. A. J. Beford. 2,026,453; Dec. 31.
- Leather article and making same. S. Troy. 1,995,828; Mar. 26.
- Leather article process, Molded. J. V. Critchley. 2,021,835; Nov. 19.
- Leather, Artificial. B. Holm. 1,995,179; Mar. 19.
- Leather composition, Plastic artificial. P. H. Perrin and G. H. Valliet-Durand. 2,011,590; Aug. 20.
- Leather, Decorating. C. A. Messmer. 2,014,263; Sept. 10.
- Leather dressing composition. E. Sajak. 1,992,131; Feb. 19.
- Leather, Dyeing. E. Senn. 2,025,618; Dec. 24.
- Leather, Dyeing. F. Straub and H. Mayer. 2,008,602; July 16.
- Leather dyeing machine. C. H. Vail. 2,016,186; Oct. 1.
- Leather and the resulting product, Filling. L. M. Whitmore. 2,018,588; Oct. 22.
- Leather, Finishing of artificial. M. O. Schur and B. O. Hoos. 2,015,440-1; Sept. 24.
- Leather forming machine. J. T. Riddell. 2,005,804; June 25.
- Leather manufacture. H. Kroch and F. A. English. 1,988,905; Jan. 22.
- Leather, Manufacture of artificial. M. O. Schur. 1,986,367; Jan. 1.
- Leather or oilcloth and similar band-forming fibrous material, Patterning artificial. K. Eichstädt. 2,017,853; Oct. 22.
- Leather processing. G. M. Argabrite. 1,992,138; Feb. 19.
- Leather, Production of. G. R. Pensel. 2,004,472-3; June 11.
- Leather stretching frame. I. M. Jones. 2,017,250; Oct. 15.
- Leather substitutes, Apparatus for making. J. G. Grower. 2,024,284; Dec. 17.
- Leavenous agent for baking purposes, Manufacturing a stable dry. H. Wögerbauer. 2,023,500; Dec. 10.
- Lecithin from vegetable raw materials, Production of. S. O. Sorensen and G. F. Beal. 2,024,398; Dec. 17.
- Lecithin, Production of pure. G. Klein and K. Tauboeck. 2,013,804; Sept. 10.
- Ledge block. R. Shellenberger. 1,986,670; Jan. 1.
- Ledge seat, Self-supported lipped. J. F. Cudney. 2,015,884; Oct. 1.
- Ledger plate and section hardening furnace. J. M. Stewart, W. Hamm and E. W. Cooney. 2,010,117; Aug. 6.
- Leer. G. W. Batchell. 2,019,839; Nov. 5.
- Leer. W. O. Fleming. 1,995,974; Mar. 26.
- Leer, Annealing. E. L. Walters. 1,989,957; Feb. 5.
- Leer construction. J. L. Drake. 1,988,110; Jan. 15.
- Leer feeding apparatus. N. R. Beck. 1,996,535; Apr. 2.
- Leer loader. J. V. Donner. 2,018,057; Oct. 22.
- Leer loader. J. W. Ross. 2,001,332; May 14.
- Leer with roller beds. F. B. Waldron. 2,014,302; Sept. 10.
- Leg actuated pump. D. Parker. 1,998,734; Apr. 23.
- Leg, Artificial. W. T. Carnes. 2,008,897; July 23.
- Leg, Artificial. R. Trautman. 2,025,835; Dec. 31.
- Leg construction and locking means therefor, Folding. J. K. Mitchell. 2,003,836; June 4.
- Leg construction, Folding. J. K. Mitchell. 2,003,835; June 4.
- Leg, Gas stove. A. F. Thompson. 2,019,203; Oct. 29.
- Leg structure, Adjustable. H. C. Hanson and S. Kasmussen. 2,020,503; Nov. 12.
- Leg structure, Metal. H. T. Hallowell. 2,006,502; July 2.
- Legging, Fangproof. R. C. Parvin. 2,014,208; Sept. 10.
- Leggings or ski pants. I. B. Abelson. 2,020,984; Nov. 12.
- Lengths of material from a continuous strip thereof, Apparatus for cutting and weighing. C. C. Cadden. 2,025,801; Dec. 31.
- Lens. R. N. Falge. 2,003,804; June 4.
- Lens. R. Kovac. 2,004,443; June 11.
- Lens. H. W. Lee. 2,019,985; Nov. 5.
- Lens and blank therefor, Multifocal ophthalmic. J. H. Hammon. 2,006,638; July 2.
- Lens and making the same, Ophthalmic. J. H. Hammon. 2,021,778; Nov. 19.
- Lens and making same, Ophthalmic. M. A. Laabs. 1,995,680; Mar. 26.
- Lens and making the same, Ophthalmic. M. A. Laabs. 2,004,815; June 11.
- Lens and making the same, Ophthalmic. A. Pellow and L. W. Goddu. 1,991,116; Feb. 12.
- Lens and making the same, Ophthalmic. S. Sterling. 2,021,812; Nov. 19.
- Lens attaching means. W. Taylor. 2,017,823; Oct. 15.
- Lens, Bifocal. H. A. Courmettes. 1,991,544; Feb. 19.
- Lens cutting machine. W. A. Lockhart. 1,997,561; Apr. 9.
- Lens, Diagnostic. O. W. Lee. 2,024,376; Dec. 17.
- Lens for photographic and like purposes. H. W. Lee. 2,012,822; Aug. 27.
- Lens for vehicle headlamps. W. C. Brown, V. J. Roper, and F. F. Denny. 2,012,806; Aug. 27.
- Lens grinding laps, Method and apparatus for producing. L. L. Houchin. 1,998,395; Apr. 16.
- Lens grinding machine. L. L. Houchin. 2,023,525; Dec. 10.
- Lens, Headlight. F. Rudy, Jr. 1,990,390; Feb. 5.
- Lens holder. I. Rosenbaum. 2,014,747; Sept. 17.
- Lens hood for photographic cameras, Collapsible. W. V. Foulis and W. Heaton. 2,014,322; Sept. 10.
- Lens indicating apparatus. F. McFadden. 1,990,297; Feb. 5.
- Lens lining for spectacle frames. H. Katz. 1,995,617; Mar. 26.
- Lens mount, Adjustable. A. Wollensak. 2,000,811; May 7.
- Lens mount for cameras. J. P. Gaty. 2,011,359; Aug. 13.
- Lens mount for cameras. G. Laube and E. A. Kaufman. 2,006,464; July 2.
- Lens, Multifocal ophthalmic. D. D. Hubbell. 2,006,640; July 2.
- Lens, Ophthalmic. M. A. Laabs. 1,990,126; Feb. 5.
- Lens, Ophthalmic. N. Singer. 2,002,719; May 28.
- Lens, Ophthalmic. N. Singer. 2,015,241; Sept. 24.
- Lens, Ophthalmic. H. H. Styll. 1,996,085-6; Apr. 2.
- Lens, Ophthalmic. E. D. Tillyer. 2,023,907; Dec. 10.
- Lens, Ophthalmic. E. D. Tillyer. 2,024,552; Dec. 17.
- Lens or cover glass for headlamps and the like. J. L. Koubek. 1,992,668; Feb. 26.
- Lens polishing machine. L. L. Houchin. 2,023,811; Dec. 10.
- Lens segments, Multifocal. N. M. Stanley. 1,996,442; Apr. 2.
- Lens shifting and indicating mechanism. A. Kindlemann and E. Boecking. 1,993,101; Mar. 5.
- Lens shutter with combined exposure meter, view finder and distance meter. A. Gauthier and K. Bührle. 2,001,840; May 21.
- Lens, Stereoscopic viewing. C. T. Godwin. 1,993,272; Mar. 5.
- Lens strap. C. C. Norris. 1,986,782; Jan. 1.
- Lens strap. E. Pappert. 2,014,978; Sept. 17.
- Lens structure with prisms. W. M. Thomas. 1,988,882; Jan. 22.
- Lens surfacing machine. L. L. Gagnon and R. D. Wheeler. 1,995,676; Mar. 26.
- Lens, Telescopic bifocal. E. Polackoff. 2,025,892-3; Dec. 31.

- Lenses and glasses. Manufacture of. A. H. Emerson. 2,015,007; Sept. 17.
- Lenses and their combination and arrangement in various instruments and apparatus. H. J. Birchall. 2,001,952; May 21.
- Lenses, Apparatus for inspecting. F. E. Duckwall. 1,988,169; Jan. 15.
- Lenses for concentrating the heat of the sun, Construction of. J. Ylla-Conte. 2,003,070; May 28.
- Lenses, Making. E. J. Reh. 2,021,381; Nov. 19.
- Lenses, Manufacture of. G. A. Clement. 2,007,366; July 9.
- Lenses, Mounting. F. A. Braucht. 2,004,923; June 18.
- Lenses, Mounting. F. A. Braucht and A. B. Belgard. 2,009,159; July 23.
- Letter box, Rural free delivery. T. G. Wade. 2,002,423; May 21.
- Letter card. R. M. Smith. 2,017,637; Oct. 15.
- Letter or symbol. H. P. Maughlin. 1,990,833; Feb. 12.
- Letter printing machine. D. O. Royster and E. L. Reller. 2,026,101; Dec. 31.
- Letter to a bracelet link or the like, Attaching a metal. F. O. Zeitz. 2,022,397; Nov. 26.
- Lettering guide. G. Carlson. 2,016,985; Oct. 8.
- Lettering guide. H. S. Van Hoefen. 2,001,640; May 14.
- Lettering machine. L. McDonald. 1,991,401; Feb. 19.
- Leucine, Preparing. H. M. Barnett. 2,009,868; July 30.
- Level. S. Potsubay. 1,992,675; Feb. 26.
- Level. M. Cantaluppi. 2,020,238; Nov. 5.
- Level. H. J. Zieinan. 2,014,420; Sept. 17.
- Level and angle indicator. E. S. Oswald. 2,019,317; Oct. 29.
- Level control valve. O. F. Carlson. 2,009,649; July 30.
- Level controlling means for liquid containing vessels. M. Paridon. 1,997,390; Apr. 9.
- Level effect, Producing a. J. R. G. J. Blancard. 1,996,609; Apr. 2.
- Leveling and adjusting block. L. Fithian. 2,004,238; June 11.
- Leveling mechanism for hydraulic motors, elevators, etc., Automatic. J. A. Rogers. 1,991,000; Feb. 12.
- Leveling rod. G. G. Linn. 2,017,346; Oct. 15.
- Lever. W. H. Schomburg, D. R. Feemster, and W. L. Peters. 1,986,227; Jan. 1.
- Lever and lock. R. and W. Thomas. 1,986,126; Jan. 1.
- Lever feed control, Single. D. C. Klausmeyer and A. M. Sosa. 1,993,742; Mar. 12.
- Lever for operating variable electric speed boxes. A. Anderson. 2,024,792; Dec. 17.
- Lever interlock for cash registers. B. M. Shipley. 2,008,159; July 16.
- Lever lock. W. R. Freeman. 2,001,415; May 14.
- Lever means for leveling hearse bodies. W. H. Heise. 2,000,230; May 7.
- Lever, Rotary fulcrum. J. W. Silver. 1,991,634; Feb. 19.
- Lever shaft construction. S. A. Snell. 2,022,159; Nov. 26.
- Lever system. W. Gumpich. 2,007,394; July 9.
- Leverage changing mechanism for motor vehicle brakes. E. C. Johnson. 2,001,327; May 14.
- Library. A. S. Macdonald. 2,007,655; July 9.
- Library conveyor system. C. C. Waite. 1,991,237; Feb. 12.
- License plate, Automobile. A. B. Morrell. 1,992,578; Feb. 26.
- License plate and sign. J. P. Meehan. 2,012,346; Aug. 27.
- License plate holder. R. J. De Wees. 2,016,080; Oct. 1.
- License plate holder. A. B. Munson. 1,987,943; Jan. 15.
- License plate holder, Automobile. C. R. Davis. 2,003,343; June 4.
- License plate holder, Automobile. K. Endlich. 2,005,703; June 18.
- License plate holder, Automobile. W. A. Weaver. 2,010,385; Aug. 6.
- License plate identification means. N. F. Miller. 2,018,799; Oct. 29.
- License plate, Illuminated auto. A. C. Caiati. 2,015,513; Sept. 24.
- License plate, Motor vehicle. N. F. Miller. 2,011,229; Aug. 13.
- License plate, Motor vehicle. J. M. and C. R. Reiter. 2,023,099; Dec. 3.
- Lid, Container. E. S. Irelan. 2,003,540; June 4.
- Lid, Crate. E. H. Spiegl. 2,020,594; Nov. 12.
- Lid fastener. C. A. Ambrose. 2,021,826; Nov. 19.
- Lid fastening mechanism, Hammer. H. Matthews, J. H. Warnitjes, E. Arthurs and W. C. Wilkinson. 2,007,579; July 9.
- Lid for baskets. S. and R. E. Huston. 2,000,639; May 7.
- Lid for beer crates. E. R. Stein. 2,015,294; Sept. 24.
- Lid for bottles and other receptacles. A. R. N. Heath. 1,997,520; Apr. 9.
- Lid for ice-cream cabinets and the like. J. Moss. 2,017,253; Oct. 15.
- Lid holding device, Detachable. V. W. Smith. 2,006,657; July 2.
- Lid mounting for cedar chests. J. Weber. 1,998,599; Apr. 23.
- Lid removing means for cans. D. F. Whitcomb. 2,022,948; Dec. 3.
- Lid retainer, Garbage can. P. H. Moulds. 2,008,625; July 16.
- Lid, Well. L. Combs. 2,026,461; Dec. 31.
- Lidding machine. H. Paxton. 2,003,304; June 4.
- Lids from the bodies of tins and the like, Facilitating the removal of. E. R. Rossiter. 2,008,798; July 23.
- Lids on cans, Apparatus for locating. F. O. L. Chorlton. 1,997,102; Apr. 9.
- Life belt. R. A. Nolan. 2,017,868; Oct. 22.
- Lifeguard for vehicles. W. H. Lloyd. 2,016,833; Oct. 8.
- Lifeguard or catcher for vehicles. W. H. Lloyd. 1,991,933; Feb. 19.
- Life saving device. G. A. Evenden and G. F. Wilson. 2,012,742; Aug. 27.
- Lifesaving outfit, Submarine. R. H. Davis. 2,001,673; May 14.
- Lift for oil wells, Fluid operated. J. M. Hewgley. 2,021,997; Nov. 26.
- Lift for raising motor vehicles and such like for inspection or other purposes. R. O. Harper. 2,020,357; Nov. 12.
- Lift, Hydraulic. E. F. Ries. 1,999,848; Apr. 30.
- Lift increasing apparatus. I. I. Sikorsky. 1,995,905; Mar. 26.
- Lift means for tractors and the like, Power. T. Brown. 1,997,765; Apr. 16.
- Lift mechanism for tractor drawn implements. J. Morokovski. 2,005,555; June 18.
- Lift pump. B. Bohnenblust. 2,011,210; Aug. 13.
- Lift, Vacuum fluid. L. J. Campbell. 2,025,644; Dec. 24.
- Lift web for pack and harness. S. Switlik. 2,014,345; Sept. 10.
- Lifter: See—
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| Bottle lifter. | Receptacle lifter. |
| Dish or pan lifter. | Seat or cover lifter. |
| Draining lifter. | Stove cover lifter. |
| Fruit jar lifter. | Toilet seat lifter. |
| Jar lifter. | Utensil lifter. |
| Pen arm lifter. | Valve spring lifter. |
- Lifter for harvesters. C. F. Crumb and S. E. Hilblom. 2,025,497; Dec. 24.
- Lifter for ledger trays, Statement. A. K. Kekoa. 2,014,047; Sept. 10.
- Lifter for pie plates, baking dishes, etc. J. J. Etges. 2,024,346; Dec. 17.
- Lifting and forward propulsion device for use on air and water vehicles, Combination. O. K. Quast. 2,019,726; Nov. 5.
- Lifting and propelling mechanism for vehicles. T. E. Burkhardt. 2,003,627; June 4.
- Lifting and propulsion device for use on air vehicles. O. K. Quast. 2,011,300; Aug. 13.
- Lifting apparatus. I. V. Hott. 1,993,060; Mar. 5.
- Lifting device. J. F. H. Lange. 1,999,936; Apr. 30.
- Lifting device, Automotive. W. T. Stephens. 2,019,938; Nov. 5.
- Lifting device for icetrays. E. E. Grover. 1,997,416; Apr. 9.
- Lifting device for use with hoisting jacks, and using it. E. O. Keator. 2,008,868; July 23.
- Lifting device of the portable and dismountable type, adapted for the mounting of vehicle wheels. C. Aubry. 1,996,316; Apr. 2.
- Lifting means attachment for automobiles. R. B. Luker. 2,021,733; Nov. 19.
- Lifting means for waffle irons and other baking devices. A. O. Samuels. 2,023,791; Dec. 10.
- Lifting jack. J. Genovese. 1,987,529; Jan. 8.
- Lifting jack. T. J. Kelleher. 2,013,918; Sept. 10.
- Lifting jack. O. F. Kuhlman. 2,012,430; Aug. 27.
- Lifting jack. D. A. Leffingwell. 1,986,273; Jan. 1.
- Lifting jack. J. J. Mizer. 1,990,243; Feb. 5.
- Lifting jack. J. M. Patterson. 2,001,744; May 21.
- Lifting jack. S. A. Snell and W. H. Schomburg. 1,989,251; Jan. 29.
- Lifting mechanism. I. V. K. Hott. 1,993,447; Mar. 5.
- Lifting mechanism for the dump bodies of vehicles. G. H. Connors. 1,997,104; Apr. 9.
- Ligator. H. A. Roeder. 2,012,776; Aug. 27.
- Ligature package. A. L. Vaughn. 1,997,443; Apr. 9.
- Light: See—
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| Airplane landing light. | Pilot light. |
| Airport boundary light. | Safety pilot light. |
| Back-up and tail light. | Safety turn stop light. |
| Beacon light. | Ship's light. |
| Direction signal light. | Slick room light. |
| Dome light. | Signal light. |
| Electric light. | Spot and flood light. |
| Flash light. | Traffic control light. |
| Indicator light. | Valve spring lifter. |
| Hospital corridor light. | Vehicle tail light. |
| Mirror light. | Votive light. |
| Oven light. | Warning light. |
| Piano light. | |
- Light. C. E. Gaskin. 2,024,281; Dec. 17.
- Light. H. H. Root. 1,988,703; Jan. 22.
- Light amplifier. O. Schriever. 2,004,177; June 11.
- Light attachment for firearms. R. A. Casey. 2,017,585; Oct. 15.
- Light attachment for pens and pencils. A. Godman. 2,008,070; July 16.
- Light, Automatically regulating the intensity of a printing. J. R. Balslev. 1,999,556; Apr. 30.
- Light beams, Modulation of. L. W. Chubb. 1,997,628; Apr. 16.
- Light bulb, etc., Electric. D. Trompeter. 1,994,056; Mar. 12.
- Light compensator. J. A. Plugge. 2,017,869; Oct. 22.

- Light conditioning and distribution system. A. McL. Nicolson. 2,022,144; Nov. 26.
- Light control. H. A. Douglas. 2,011,677; Aug. 20.
- Light control apparatus. Gas pilot. E. L. Hall and E. J. Brady. 2,012,004; Aug. 20.
- Light control device. O. T. Francis. 2,014,174; Sept. 10.
- Light control. Pilot. E. W. and L. W. Schnepp. 2,015,318; Sept. 24.
- Light control. Theater. D. E. Chambers and E. D. Schneider. 2,006,984; July 2.
- Light controlling apparatus. E. L. Cole. 2,014,039; Sept. 10.
- Light controlling device and making the same. Prismatic. T. W. Rolph. 2,015,235; Sept. 24.
- Light display apparatus. J. M. High. 2,005,421; June 18.
- Light emitting device. L. J. Simons. 1,991,426; Feb. 19.
- Light emitting unit. C. H. Braselton. 2,007,926; July 9.
- Light flash producing device. H. J. Miller. 2,011,771; Aug. 20.
- Light, floor light, or skylight, Vault. L. W. Mulford. 1,987,490; Jan. 8.
- Light for airplanes, Landing. J. P. Gaty. 2,017,692; Oct. 15.
- Light for automobiles and other vehicles, Rear. R. P. Alfred. 2,023,393; Dec. 10.
- Light for automobiles, Safety. C. Pissis. 2,010,374; Aug. 6.
- Light for automobiles, Stop. J. McComb. 2,023,486; Dec. 10.
- Light for automotive vehicles, Signal. B. L. Bebroff. 2,015,917; Oct. 1.
- Light for gasoline dispensing nozzles. S. K. Wood, B. L. Eales, and L. V. De Witt. 2,005,251; June 18.
- Light for oil burners, Pilot. L. V. Lucia. 2,018,369; Oct. 22.
- Light in moving lens cinematograph machines, Modifying the transmitted. W. E. John. 2,016,803; Oct. 8.
- Light indicator for headlights. M. H. Mellen. 1,992,231; Feb. 26.
- Light installation. I. J. Sexton. 2,010,799; Aug. 6.
- Light modifying device. E. W. Quinlan and A. R. Quinlan. 2,000,985; May 14.
- Light modifying method and apparatus. D. Herlinz. 2,025,861; Dec. 31.
- Light modulation system. W. F. Westendorp. 2,009,826; July 30.
- Light or ray controlled follow-up system. B. A. Wittkuhn. 1,999,646; Apr. 30.
- Light, Producing a source of. W. Dällenbach. 2,015,885; Oct. 1.
- Light projection lamp. M. F. Rich. 1,991,866; Feb. 19.
- Light projector. L. Guicherd. 2,025,982; Dec. 31.
- Light projector. V. J. Roper and W. C. Brown. 1,992,041; Feb. 19.
- Light reflecting device. S. S. Cramer. 1,993,595; Mar. 5.
- Light reflector. T. B. Shanahan. 2,018,155; Oct. 22.
- Light sensitive apparatus. W. F. Tedham. 2,005,059; June 18.
- Light-sensitive cell. A. W. Carpenter. 2,001,672; May 14.
- Light sensitive device. H. H. Friend. 2,013,095; Sept. 3.
- Light sensitive layers. O. Siis. 2,025,675; Dec. 24.
- Light-sensitive tube. H. H. Geffcken and H. R. Richter. 2,015,520; Sept. 24.
- Light sensitive tube. H. Geffcken, H. Richter and K. Möller. 2,024,762; Dec. 17.
- Light sensitive tube. D. M. Morandini and P. S. Wright. 1,988,505; Jan. 22.
- Light signal. S. M. Day. 2,002,471; May 21.
- Light signal. W. B. Wells and M. Funcke. 2,014,872; Sept. 17.
- Light signal apparatus. G. V. Karlson. 2,016,145; Oct. 1.
- Light signal device. R. W. Luce. 1,992,670; Feb. 26.
- Light signaling arrangement. K. Meyer. 2,014,048; Sept. 10.
- Light signaling circuit. K. Meyer. 2,014,049; Sept. 10.
- Light source. H. G. Fitz Gerald. 1,992,199; Feb. 26.
- Light source for projectors. R. Thomas. 2,017,575; Oct. 15.
- Light source for recording sound on film. S. C. Whitman. 1,996,731; Apr. 2.
- Light source for recording sound on film and producing same. S. C. Whitman. 2,024,080; Dec. 10.
- Light, Source of. T. W. Case. 1,999,653; Apr. 30.
- Light testing apparatus. A. E. Linendoll and D. F. Graham. 1,987,692; Jan. 15.
- Light-transmitting body. E. Schwarz. 1,992,676; Feb. 26.
- Light unit or head, Street. G. W. Brady. 1,988,186; Jan. 15.
- Light valve. G. E. Perreault. 2,017,130; Oct. 15.
- Light valve. R. B. Scribner and A. E. Ekstrand. 2,016,025; Oct. 1.
- Lightweight article and manufacturing the same. E. R. Powell. 2,003,309; June 4.
- Lightwell. E. P. Ross and J. V. Lawrence. 1,994,898; Mar. 19.
- Lighter. L. C. Beck. 1,986,098; Jan. 1.
- Lighter. R. E. Berthold. 2,014,014; Sept. 10.
- Lighter. R. A. Gulick. 2,016,898; Oct. 8.
- Lighter. L. Kirchner. 1,992,976; Feb. 19.
- Lighter. G. P. Schmitt. 2,005,476-8; June 18.
- Lighter. G. P. Schmitt. 2,023,617; Dec. 10.
- Lighter. R. H. and T. I. Seral. 2,006,061; June 25.
- Lighter. J. L. Smith. 2,013,866; Sept. 10.
- Lighter. W. Spruegel and W. W. Riedel. 2,008,265; July 16.
- Lighter, Adjustable external. W. J. Masoner. 2,011,412; Aug. 13.
- Lighter and burner support for gas stoves, Combination. S. H. Hobson. 2,009,582; July 30.
- Lighter and dispenser, Cigarette. W. Jay. 1,997,796; Apr. 16.
- Lighter, Automatic. S. W. Neldner. 2,011,073; Aug. 13.
- Lighter, Automatic. C. Wantz. 2,011,097; Aug. 13.
- Lighter, Automatic match. C. C. Severin. 2,015,354; Sept. 24.
- Lighter, Automatic torch. R. I. Fleming. 1,990,936; Feb. 12.
- Lighter, Benzine pocket. A. Kinzinger. 2,022,228; Nov. 26.
- Lighter, Charcoal. W. F. Gelsdorf. 1,987,899; Jan. 15.
- Lighter, Cigar. L. V. Aronson. 2,002,845; May 28.
- Lighter, Cigar. A. Harris. 1,998,838; Apr. 23.
- Lighter, Cigar. W. H. Hutchins and T. L. Lee. 1,987,193; Jan. 8.
- Lighter, Cigar. J. Sinko. 2,012,143; Aug. 20.
- Lighter, Cigar and cigarette. E. M. Soreng. 2,014,416; Sept. 17.
- Lighter, Cigarette. A. M. Andrews and H. Aaron. 2,023,400; Dec. 10.
- Lighter, Cigarette. B. Dess. 2,002,492; May 28.
- Lighter, Cigarette. I. Florman. 2,014,320; Sept. 10.
- Lighter, Cigarette. S. Isenberg. 2,016,901; Oct. 8.
- Lighter, Cigarette. L. K. Loehr. 2,011,322; Aug. 13.
- Lighter, Cigarette. M. Stansbury. 1,998,339; Apr. 16.
- Lighter, Cigarette and cigar. K. Schiavulli. 1,989,064; Jan. 22.
- Lighter construction. L. V. Aronson. 2,022,227; Nov. 26.
- Lighter construction. C. J. Lagerholm. 2,019,432; Oct. 29.
- Lighter construction. A. F. Reilly. 1,995,899; Mar. 26.
- Lighter construction. A. F. Reilly. 2,019,434; Oct. 29.
- Lighter, Electric cigar. I. Florman. 2,020,142; Nov. 5.
- Lighter, Electric cigar. N. W. van Tiene. 1,998,598; Apr. 23.
- Lighter for cigarettes and the like. F. H. Lewis. 2,010,675; Aug. 6.
- Lighter for gas burners. J. G. Schwan. 1,995,867; Mar. 26.
- Lighter for gas ranges, Automatic. H. W. O'Dowd. 1,988,394; Jan. 15.
- Lighter for pipes and cigarettes, Electric. M. R. Thompson and A. J. Schammel. 1,989,343; Jan. 29.
- Lighter mechanism. T. M. Gibson. 2,019,436; Oct. 29.
- Lighter mechanism, Cigar. L. V. Aronson. 1,986,384; Jan. 1.
- Lighter, Pyrophoric. R. S. Blair. 2,019,435; Oct. 29.
- Lighter, Pyrophoric. C. J. Lagerholm. 2,019,433; Oct. 29.
- Lighter, Smoker's automobile. C. H. L. Reid. 1,998,843; Apr. 23.
- Lighter, Top rack. E. L. Baker. 1,996,397; Apr. 2.
- Lighting and dispensing device, Automatic. A. D. Claggett. 1,990,856; Feb. 12.
- Lighting and power unit, Emergency. J. H. Walker. 2,007,415; July 9.
- Lighting and ventilating fixture, Combined. F. Riddell. 2,010,322; Aug. 6.
- Lighting apparatus. H. M. Cavanaugh. 2,003,342; June 4.
- Lighting apparatus. E. Kalhaus, J. E. de Christas Dirckinck de Tolmfeld and V. de Christas Dirckinck de Holmfeld. 2,006,171; June 25.
- Lighting appliance. L. C. Doane. 2,002,313; May 21.
- Lighting circuit indicator. H. Schwarze. 1,997,471; Apr. 9.
- Lighting device. L. Rivier. 1,995,012; Mar. 19.
- Lighting device. W. W. Sackett. 2,008,042; July 16.
- Lighting device for gas burners. J. V. Kindl and J. J. Slavin. 2,024,455; Dec. 17.
- Lighting device for gas burners. D. J. Schoenberger. 2,016,839; Oct. 8.
- Lighting device for projecting machines. F. Lisintzki. 2,026,478; Dec. 31.
- Lighting device, Safety. H. A. Mantz. 2,011,111; Aug. 13.
- Lighting equipment. A. L. Arenberg. 2,020,273; Nov. 5.
- Lighting fittings. G. Campbell. 1,987,464; Jan. 8.
- Lighting fixture. R. B. Benjamin. 2,004,183; June 11.
- Lighting fixture. S. S. Dauman. 1,992,196; Feb. 26.
- Lighting fixture. L. C. Doane. 2,007,040; July 2.
- Lighting fixture. L. C. Doane. 2,017,953; Oct. 22.
- Lighting fixture. H. D'Olier, Jr. 1,994,067; Mar. 12.
- Lighting fixture. A. P. Ebrite. 2,021,002; Nov. 12.
- Lighting fixture. D. W. McLennan. 1,992,499; Feb. 26.
- Lighting fixture. H. B. Meyer. 2,015,724; Oct. 1.
- Lighting fixture. D. G. Saaf. 1,993,385; Mar. 5.
- Lighting fixture. J. H. Waterbury. 2,013,721; Sept. 10.
- Lighting fixture. A. E. Wiedenhoef. 2,022,264; Nov. 26.
- Lighting fixture. A. E. Wiedenhoef and H. A. Best. 2,012,675; Aug. 27.
- Lighting fixture construction. J. L. Jaffe. 2,012,720; Aug. 27.
- Lighting fixture, Electric. M. J. Sullivan. 2,022,222; Nov. 26.
- Lighting fixture, Electric. A. E. Wiedenhoef and H. A. Rest. 1,988,028; Jan. 15.
- Lighting fixture employing ultraviolet and incandescent lamps, Indirect. L. C. Doane. 1,998,573; Apr. 23.
- Lighting fixture, Merchandising display. G. R. May. 2,018,732; Oct. 29.

- Lighting fixture, Tubular. J. A. Hoegger. 1,997,687; Apr. 16.
- Lighting for furniture, Functional. G. J. Daly. 2,021,836; Nov. 19.
- Lighting, signaling, and indicating accessory for motor vehicles. E. T. Condon. 2,010,138; Aug. 6.
- Lighting system. H. M. Cavanaugh. 2,011,969; Aug. 20.
- Lighting system. P. E. Nobbs. 2,006,648; July 2.
- Lighting system. A. E. Noble. 2,024,011; Dec. 10.
- Lighting system. T. W. Rolph and H. L. Logan. 2,017,075; Oct. 15.
- Lighting system. W. F. Westendorp. 2,026,407; Dec. 31.
- Lighting system, Automobile anti-glare. E. Germain. 1,988,894; Jan. 22.
- Lighting system control. U. W. Barrett. 2,021,677; Nov. 19.
- Lighting system for automobiles, Electric. L. L. Hagar and W. B. Rollins. 2,023,954; Dec. 10.
- Lighting system for beds. M. L. Murrell. 1,991,111; Feb. 12.
- Lighting system for gaseous illuminating tubes. A. E. Noble. 1,993,111; Mar. 5.
- Lighting system for motor vehicles. H. Schwarze. 2,014,592; Sept. 17.
- Lighting system for vehicles, Electrically operated. B. S. T. Fris. 2,013,044; Sept. 3.
- Lighting unit. L. C. Doane. 1,987,471; Jan. 8.
- Lighting unit. C. A. B. Halvorson. 2,019,346; Oct. 29.
- Lighting unit. S. R. Williams. 2,007,033; July 2.
- Lighting unit. F. C. Winkler. 2,012,413; Aug. 27.
- Lighting unit, Ceiling. A. J. Sweet. 1,992,973; Mar. 5.
- Lighting unit for lanterns. I. E. Rollins. 2,006,251; June 25.
- Lighting unit, Indoor. A. J. Sweet. 1,996,597; Apr. 2.
- Lightning arrester. E. R. Evans. 2,011,548; Aug. 13.
- Lightning arrester. E. A. Everett. 1,988,650; Jan. 22.
- Lightning arrester. E. A. Everett. 1,995,737; Mar. 26.
- Lightning arrester. E. A. Everett. 2,012,342; Aug. 27.
- Lightning arrester. F. Schröter. 1,994,231; Mar. 12.
- Lightning arrester, Porous. J. Slepian, R. Tanberg, and C. E. Krause. 2,000,719; May 7.
- Lightning arrester with ionization chamber. G. P. Capart. 1,996,321; Apr. 2.
- Lightning arresters and the like against moisture, Device for and method of protecting. J. R. McFarlin. 2,012,689; Aug. 27.
- Lightning rod assembly. G. P. Capart. 2,025,338; Dec. 24.
- Ligno-cellulose material, Defibering. J. A. De Cew. 1,993,148; Mar. 5.
- Limb, Artificial. I. Alterman. 1,994,185; Mar. 12.
- Limb, Artificial. R. E. Loftis. 2,000,423; Nov. 12.
- Limb joint construction, Artificial. W. J. Didier. 2,000,066; May 7.
- Lime composition, Hydrated. R. W. Smith. 2,013,811; Sept. 10.
- Lime mortar and plaster. L. C. Stewart. 1,991,338; Feb. 12.
- Lime, Producing. W. H. Knox, Jr. 2,021,663; Nov. 19.
- Lime slaker. H. C. Stockdale. 2,015,244; Sept. 24.
- Lime with gypsum. Reacting caustic. C. G. Gilbert. 2,021,412; Nov. 19.
- Limestone, Treating. R. S. Walker. 2,015,642; Sept. 24.
- Limit order device. M. L. Haselton and R. M. Hicks. 1,992,945; Mar. 5.
- Line adjuster. J. Kries. 2,000,891; May 7.
- Linecasting and composing machine. L. M. Potts. 1,996,081; Apr. 2.
- Line casting machine. C. W. Curle. 2,011,212; Aug. 13.
- Line casting machine. S. E. Sperry. 1,997,552; Apr. 9.
- Line composing machine. W. Ackerman. 2,019,168; Oct. 29.
- Line drier. A. S. Fenton. 2,001,570; May 14.
- Line drier. F. J. Hirschmann. 2,007,050; July 2.
- Line focus cathode structure. L. F. Ehrke. 2,019,600; Nov. 5.
- Line holder. J. J. Ahearn. 2,014,711; Sept. 17.
- Line indicator or copyholder for typists. R. Joksch. 2,005,721; June 25.
- Line level. F. A. Volz. 2,014,709; Sept. 17.
- Lineman's protective device. J. D. Beebe. 1,988,435; Jan. 22.
- Lineman's signaling system. R. T. Hamlett. 1,990,232; Feb. 5.
- Line-spacer for typewriters. A. F. Mulhare. 2,021,195; Nov. 19.
- Line spooler for oil field draw works. C. D. Spracher. 2,016,755; Oct. 8.
- Line supporting means for fishing rods. L. and S. Gurrieri. 1,993,342; Mar. 5.
- Line system, Repeated. H. S. Black. 2,003,964; June 4.
- Line tapping device, Fusible. C. H. Walsh. 2,004,621; June 11.
- Line-tapping device, Fusible. C. H. Walsh. 2,025,321; Dec. 24.
- Linear expansion apparatus. P. E. Klopsteg. 1,992,219; Feb. 26.
- Liner. G. H. Graham. 2,025,201; Dec. 24.
- Liner. A. E. F. Moone. 1,991,169; Feb. 12.
- Liner, Basket. C. F. McAleer. 1,994,778; Mar. 19.
- Liner for containers. B. Rous. 2,013,175; Sept. 3.
- Liner for fruit boxes. C. E. Ridgway. 2,005,594; June 18.
- Liner for sink strainers. H. C. Harvey. 2,025,281; Dec. 24.
- Liner for tubular articles, Corrosion resistant. M. Halpern and J. J. Beshara. 1,989,614; Jan. 29.
- Liner in hosiery, Method and apparatus for inserting. H. Hemmerich. 1,992,666; Feb. 26.
- Liner pack unit. G. Ridge. 2,009,564; July 30.
- Liner safety, Automatic. B. A. Mills. 2,005,796; June 25.
- Liners, Method of and apparatus for positioning. A. J. Dowd. 2,005,577; June 18.
- Lines, cords and the like on cards, Method and machine for winding. O. MacMurray. 1,993,970; Mar. 12.
- Lining and beveling machine. V. Royle. 1,986,602; Jan. 1.
- Lining and shock absorber, Bell. H. B. Uhlmann and J. C. Myers. 2,000,540; May 7.
- Lining, Box. J. W. Trew. 2,006,780; July 2.
- Lining collar for fruit boxes. R. H. Dart. 2,000,126; May 7.
- Lining for containers, Sanitary attachment. R. I. Innis. 1,992,008; Feb. 19.
- Lining for Jordan engine shells, End held. A. L. Bolton. 1,994,061; Mar. 12.
- Lining for shoes, Repair. B. Caplan. 2,003,105; May 28.
- Lining for vessels, Protective. H. Anderson. 2,020,630; Nov. 12.
- Lining for vessels. J. Carlstrom. 1,992,470; Feb. 26.
- Lining, Friction. H. B. Denman. 2,012,259; Aug. 27.
- Lining, Metal sash. G. W. Brown. 2,019,044; Oct. 29.
- Lining, Method of and apparatus for forming a refractory. D. L. Summey. 2,008,732; July 23.
- Lining, Necktie. B. R. Nyhagen. 2,004,766; June 11.
- Lining of pipes, Apparatus for the metal. F. A. Kormann. 1,998,627; Apr. 23.
- Lining structure. C. Brynoldt. 1,989,845; Feb. 5.
- Lining, Vessel. G. V. Swearingen. 2,006,331; June 25.
- Lining with supporting structure, Abrasion-resistant. R. J. Evans. 2,024,439; Dec. 17.
- Linings, Apparatus for fastening inner. M. H. Ferris. 2,013,405; Sept. 3.
- Linings, Method and apparatus for making friction. D. W. Fether. 2,012,306; Aug. 27.
- Lingerie strap holder. D. Holland. 2,014,845; Sept. 17.
- Link. C. N. Mitchell. 2,021,194; Nov. 19.
- Link. R. F. Peo. 2,005,004; June 18.
- Link connector and safety insulation for same. J. C. Rah. 2,014,586; Sept. 17.
- Link, Connecting. H. A. Bakke. 2,010,710; Aug. 6.
- Link, Elastic power transmission. G. G. Kitzman. 2,012,012; Aug. 20.
- Link, Emergency. H. Gerstein. 2,001,606; May 14.
- Link, Emergency. C. M. Young. 2,017,271; Oct. 15.
- Link for use in an endless chain for carrying goods, Elastic displaceable. M. Collette. 2,021,542; Nov. 19.
- Link for wrist watch bracelets and watch rings, Attaching. B. Spiegel. 1,999,707; Apr. 30.
- Link, Making a chain. F. E. Stahl. 2,025,555; Dec. 24.
- Link or adjustment member for bracelets, wristbands wrist watches, and the like, Expansible. S. Steinberg. 1,997,836; Apr. 16.
- Link, Repair. L. Stowe. 2,004,677; June 11.
- Link, Tenter. F. A. Lane. 2,017,315; Oct. 15.
- Linkage for fuel pumps, Lost motion. J. Zubaty. 2,018,170; Oct. 22.
- Linoleum, Method and apparatus for manufacturing mold-inlaid. J. L. Berger. 2,024,203; Dec. 17.
- Linoleum seam-cutting guide. R. K. Austin. 1,999,856; Apr. 30.
- Lint clearer for textile machinery, Portable. E. A. Terrell. 1,987,582; Jan. 8.
- Lint collecting apparatus. D. Taylor. 2,023,036; Dec. 3.
- Lip stick and cosmetic container. F. Thesmar. 1,999,263; Apr. 30.
- Lip stick case. C. E. Marshall. 2,005,794; June 25.
- Lip stick holder. J. F. Babbitt. 1,991,133; Feb. 12.
- Lip stick holder. L. Garreau. 2,010,185; Aug. 6.
- Lip stick holder. S. G. Hickox. 2,013,308; Sept. 3.
- Lipstick holder. N. Kasdan and R. F. Landwehr. 2,019,680-1; Nov. 5.
- Lip stick holder. W. G. Kendall. 1,994,074; Mar. 12.
- Lip stick holder. A. A. Koch. 2,000,487; May 7.
- Lip stick, Illuminated. F. Weiss. 1,986,086; Jan. 1.
- Lips, Device for covering. M. C. Tarantous. 2,007,353; July 9.
- Liquefied gas tank. P. S. Endacott. 2,019,004; Oct. 29.
- Liquefier. F. C. Seck. 2,021,967; Nov. 26.
- Liquefier tank. J. F. Bowers. 2,016,223; Oct. 1.
- Liquefier tank. J. Clausen. 2,016,227; Oct. 1.
- Liquid and gas, Method and apparatus for analyzing. W. J. Podbielniak. 2,009,814; July 30.
- Liquid and gas separator. J. P. Walker and E. R. Williams. 1,986,168; Jan. 1.
- Liquid and gas separator. M. F. Waters. 1,999,950; Apr. 30.
- Liquid anthelmintics. M. Bockmühl, R. Knoll, and O. Wagner. 2,008,238; July 16.
- Liquid, Apparatus for delivering measured amounts of. C. V. Boys. 2,021,142; Nov. 19.
- Liquid-applying apparatus. T. J. Doyle. 2,005,729; June 25.
- Liquid cell Two. J. Pellini. 1,988,139; Jan. 15.
- Liquid chilling apparatus. T. A. Jenkins. 2,000,446; May 7.
- Liquid-circulating means. O. C. Schmidt. 1,992,890-1; Feb. 26.
- Liquid circulating system. N. M. Small. 2,016,056; Oct. 1.

- Liquid clarifier and thickener. H. Hardinge. 1,986,573; Jan. 1.
- Liquid cleaner. F. H. Relyea. 2,009,413; July 30.
- Liquid coating composition. H. A. De Phillips. 2,011,042; Aug. 13.
- Liquid coating composition. J. V. Meigs. 1,993,708; Mar. 5.
- Liquid coating composition. J. N. Wickert. 2,009,951; July 30.
- Liquid composition. H. L. Cox. 2,003,429; June 4.
- Liquid conductor heater. M. W. Hanks. 2,015,671; Oct. 1.
- Liquid conductor heater. M. W. Hanks and G. H. Nelson. 2,015,672; Oct. 1.
- Liquid container. J. L. J. R. Verdini. 2,006,971; July 2.
- Liquid control apparatus. W. C. Stollberg. 2,022,443; Nov. 26.
- Liquid control mechanism. C. Morrow. 2,015,493; Sept. 24.
- Liquid cooler. J. Robertson and G. H. Purdy. 2,001,923; May 21.
- Liquid cooling and dispensing device. J. Askin. 2,010,504; Aug. 6.
- Liquid cooling device. E. Putnam. 2,016,514; Oct. 8.
- Liquid discharge device for closed tanks. G. A. Yedd. 2,022,266; Nov. 26.
- Liquid dispenser. J. C. Barreda and H. J. McLaughlin. 1,998,215; Apr. 16.
- Liquid dispenser. R. E. Deschner. 2,024,208; Dec. 17.
- Liquid dispenser. J. Forman. 2,000,167; May 7.
- Liquid dispenser. F. Lobl. 2,006,467; July 2.
- Liquid dispenser. F. W. H. Lohse. 2,013,715; Sept. 10.
- Liquid dispenser. E. L. Nail. 2,010,030; Aug. 6.
- Liquid dispenser, Pneumatic. W. G. Dunn. 2,017,145; Oct. 15.
- Liquid dispensing and compounding device. J. C. Barreda and H. J. McLaughlin. 1,991,720; Feb. 19.
- Liquid dispensing and level maintaining device. O. H. Jung and P. E. Heffelfinger. 2,006,142; June 25.
- Liquid dispensing apparatus. N. A. Carlson. 2,021,850; Nov. 19.
- Liquid dispensing apparatus. P. A. Carson. 1,989,738; Feb. 5.
- Liquid dispensing apparatus. W. H. De Lancey. 1,985,918; Jan. 1.
- Liquid dispensing apparatus. W. H. De Lancey. 2,022,932; Dec. 3.
- Liquid dispensing apparatus. J. P. Hubbell. 2,013,464; Sept. 3.
- Liquid dispensing apparatus. J. A. Logan and W. H. De Lancey. 1,985,935; Jan. 1.
- Liquid dispensing apparatus. A. E. Paige. 1,999,663; Apr. 30.
- Liquid dispensing apparatus. A. E. Paige. 2,011,009; Aug. 13.
- Liquid dispensing apparatus. P. B. Renfrew. 1,986,162; Jan. 1.
- Liquid dispensing apparatus. R. van Meeuwen. 1,991,266; Feb. 12.
- Liquid dispensing apparatus. H. B. Warr. 2,020,711; Nov. 12.
- Liquid dispensing apparatus. A. L. Wertz. 1,987,766; Jan. 15.
- Liquid dispensing apparatus. J. C. Woodford. 2,020,272; Nov. 5.
- Liquid dispensing apparatus. J. C. Woodford. 2,022,629; Nov. 26.
- Liquid dispensing apparatus, Coin controlled. W. S. Bates. 2,020,761; Nov. 12.
- Liquid dispensing container. R. R. Bowser and J. E. Miltenberger, Jr. 2,018,943; Oct. 29.
- Liquid dispensing container. F. C. Garrison. 2,021,411; Nov. 19.
- Liquid dispensing device. C. P. Griffith. 2,019,812; Nov. 5.
- Liquid dispensing device. H. Lorant. 1,999,331; Apr. 30.
- Liquid dispensing device. J. C. Miller. 2,000,493; May 7.
- Liquid dispensing device. E. L. Nail. 2,002,611; May 28.
- Liquid dispensing device. H. T. Reynolds. 2,017,818; Oct. 15.
- Liquid dispensing device. L. L. Witter. 1,996,944; Apr. 9.
- Liquid dispensing pump. F. Brogniez and H. W. Fletcher. 2,024,422; Dec. 17.
- Liquid dispensing receptacle. H. M. Matters. 2,002,959; May 28.
- Liquid dispensing system. C. D. Fagan. 2,020,112; Nov. 5.
- Liquid dispensing system. R. C. Shand. 2,002,757; May 28.
- Liquid dispersing device. H. A. Beekhuis. 1,994,239; Mar. 12.
- Liquid distribution control mechanism for multiunit apparatus. V. A. Rohlin. 1,990,881; Feb. 12.
- Liquid expresser. L. F. Ducker. 1,996,505; Apr. 2.
- Liquid extraction apparatus, Counter current. D. F. Othmer. 2,000,606; May 7.
- Liquid feeding apparatus. A. E. Hine. 2,010,363; Aug. 6.
- Liquid filling. J. D. Le Frank. 1,998,462; Apr. 23.
- Liquid filling and measuring apparatus. E. W. Kronbach. 2,024,130; Dec. 10.
- Liquid filling machine. A. E. Michener. 1,987,122; Jan. 8.
- Liquid flow apparatus. M. C. Schwab. 2,010,417; Aug. 6.
- Liquid flow division. J. Bijur. 1,991,370; Feb. 19.
- Liquid flow indicator. C. D. Fagan. 1,998,495; Apr. 23.
- Liquid flow indicator. P. S. Morgan. 2,014,691; Sept. 17.
- Liquid from a receptacle, Delivering measured quantities of. F. Melzer and A. J. Feltault. 2,013,694; Sept. 10.
- Liquid from wells, Method and apparatus for producing. J. D. Nixon. 2,003,009; May 28.
- Liquid fuel burner. C. E. Anderson. 1,986,131; Jan. 1.
- Liquid fuel burner. R. W. Beckett. 2,021,678; Nov. 19.
- Liquid fuel burner. E. E. Behler. 1,985,970; Jan. 1.
- Liquid fuel burner. R. F. Blake. 2,012,464; Aug. 27.
- Liquid fuel burner. J. Carlberg. 2,002,879; Dec. 3.
- Liquid fuel burner. C. A. French. 2,002,288; May 21.
- Liquid fuel burner. A. Howarth. 2,012,100; Aug. 20.
- Liquid fuel burner. W. B. Kerrick. 1,989,421; Jan. 29.
- Liquid fuel burner, Electrically ignited. J. Barbaro. 2,019,645; Nov. 5.
- Liquid handling device. F. N. Ironside. 1,986,476; Jan. 1.
- Liquid, Heat transfer. F. D. Snell. 2,007,007; July 2.
- Liquid heater. J. A. Des Rosiers. 1,999,962; Apr. 30.
- Liquid heater. H. Feldmeier and W. Astle. 1,988,548; Jan. 22.
- Liquid heater. J. Weatherby. 1,994,119; Mar. 12.
- Liquid heating and vaporizing system. E. F. Kelley, Jr. 2,007,864; July 9.
- Liquid heating apparatus. H. W. O'Dowd. 1,996,434; Apr. 2.
- Liquid heating apparatus. E. L. Wiegand. 1,990,626; Feb. 12.
- Liquid heating system. L. P. Hynes. 2,012,101; Aug. 20.
- Liquid heating system. A. G. Pendleton. 1,996,625; Apr. 2.
- Liquid level, Apparatus for measuring. L. S. Chaladow. 2,020,254; Nov. 5.
- Liquid level control, Automatic. R. E. Nagel. 1,994,252; Mar. 12.
- Liquid level gauge. A. A. Ledoux. 1,997,002; Apr. 9.
- Liquid level gauge. D. R. Yarnall. 1,992,455; Feb. 26.
- Liquid level indicator. A. O. Austin. 1,999,272; Apr. 30.
- Liquid level indicator. V. Bueckermann. 2,019,478; Nov. 5.
- Liquid level indicator. J. J. Drabin. 1,995,381; Mar. 26.
- Liquid level indicator. St. C. Lake and G. L. Sutton. 1,990,236; Feb. 5.
- Liquid level indicator. F. W. McNeill. 2,009,630; July 30.
- Liquid level indicator. W. A. Reichel. 2,003,759; June 4.
- Liquid level indicator. E. A. Rockwell. 2,011,162; Aug. 13.
- Liquid level indicator. C. L. Seward, Jr. 2,001,853; May 21.
- Liquid level indicator. T. J. Smulski. 2,006,608; July 2.
- Liquid level indicator. K. E. Stuart. 2,021,615; Nov. 19.
- Liquid level indicator, Electrical. F. M. Boyd. 2,026,299; Dec. 31.
- Liquid level regulator. H. Hillier. 2,004,529; June 11.
- Liquid levels, Indicating. T. A. Schlueter. 2,008,968; July 23.
- Liquid lifting device. J. A. Coy and R. W. Drake. 2,007,745; July 9.
- Liquid measuring apparatus. H. H. Webb. 2,018,538; Oct. 22.
- Liquid measuring and dispensing apparatus. M. Cornell. 1,996,461; Apr. 2.
- Liquid measuring and tapping device. E. Hurlbrink. 1,991,153; Feb. 12.
- Liquid measuring device. J. A. Kienle and P. G. Chace. 1,994,822; Mar. 19.
- Liquid measuring device. J. W. Nicholls. 2,014,664; Sept. 17.
- Liquid medium for heat and pressure transfer. H. L. Cox and L. J. Clapsadle. 2,003,662; June 4.
- Liquid meter. T. S. Ayers. 2,020,012; Nov. 5.
- Liquid meter. W. H. Farrow. 1,986,566; Jan. 1.
- Liquid metering device. T. A. Fee, Jr. 2,015,997; Oct. 1.
- Liquid metering instrument. W. van Pattensteiger. 2,007,031; July 2.
- Liquid metering pump. L. A. Prescott. 1,995,268; Mar. 19.
- Liquid, Method of and apparatus for cooling. D. K. Dean and G. C. Holder. 1,991,733; Feb. 19.
- Liquid, Noncorrosive. R. G. Clarkson. 1,993,773; Mar. 12.
- Liquid, Noncorrosive aqueous. F. B. Downing and R. G. Clarkson. 2,007,243; July 9.
- Liquid or a gas into intimate contact or mixture, Method of and apparatus for bringing a. I. Hechenbleikner. 2,000,444; May 7.
- Liquid or semiliquid substances in containers, Freezing. L. B. Winton. 1,996,781; Apr. 9.
- Liquid or water level control. P. N. Braun. 1,999,439; Apr. 30.
- Liquid pressure mechanism. S. Schnell. 2,018,325; Oct. 22.
- Liquid proportioner. H. C. Waugh. 2,021,247; Nov. 19.
- Liquid pump. C. A. Lausen. 2,018,215; Oct. 22.
- Liquid pump. C. H. Rickert. 2,018,092; Oct. 22.
- Liquid pump, Temperature responsive. E. L. Mayo. 2,005,193; June 18.
- Liquid, Purification of. E. W. A. Humphreys. 2,012,166; Aug. 20.
- Liquid receptacle support. T. W. Casey. 2,024,429; Dec. 17.
- Liquid rectifying method and apparatus. R. F. and F. H. Moyer. 2,022,731; Dec. 3.
- Liquid refrigerating unit. M. P. Fugle. 2,023,069; Dec. 3.
- Liquid sampling device. M. J. Carpinello. 2,004,568; June 11.
- Liquid-separating device. J. F. Kopsa. 2,006,244; June 25.

- Liquid separator. W. Linnmann, Jr. 1,995,742; Mar. 26.
 Liquid slugs and melts to set in a highly porous fashion, Causing. C. H. Schol. 2,024,308; Dec. 17.
 Liquid storage and metering system. W. L. Marden. 2,015,946; Oct. 1.
 Liquid substances into the form of granules, process and apparatus for converting. N. Stephansen. 2,010,902; Aug. 13.
 Liquid switch. A. W. Keen. 2,010,398; Aug. 6.
 Liquid tank. J. J. Mascuch. 2,003,808; June 4.
 Liquid to textile materials, Apparatus for applying. W. Whitehead. 2,025,079; Dec. 24.
 Liquid transfer system, Air operated. S. T. Williams. 2,008,807; July 23.
 Liquid-vapor contacting process and apparatus. H. M. Weir. 1,989,033; Jan. 22.
 Liquid with a gas, Apparatus for the incorporation of a. P. G. Vicard. 2,023,061; Dec. 3.
 Liquids and air and other gases, Conditioning. W. T. Ray. 1,986,529; Jan. 1.
 Liquids and apparatus, Treatment of. J. G. Thomas. 1,994,055; Mar. 12.
 Liquids and gases, Apparatus for mixing. A. J. Myhren and B. Marquis. 2,020,850; Nov. 12.
 Liquids and mixtures, Apparatus for dispersing. E. F. van Suchtelen. 2,004,840; June 11.
 Liquids and producing useful products, Clarifying. J. C. Bird. 2,025,715; Dec. 31.
 Liquids and the absorption of smoke, evil odors, and the like, System for vaporizing. P. L. Vidal. 1,994,932; Mar. 19.
 Liquids, Apparatus for contacting. H. W. Sheldon. 2,009,347; July 23.
 Liquids, Apparatus for contacting. C. E. Tarte. 1,992,133; Feb. 19.
 Liquids, Apparatus for cooling. E. F. Fisher. 2,016,086; Oct. 1.
 Liquids, Apparatus for dispensing. W. W. Odell. 2,015,689; Oct. 1.
 Liquids, Apparatus for dispensing. F. S. Sexton. 1,997,888; Apr. 16.
 Liquids, Apparatus for dispensing highly volatile. H. N. Wade. 2,021,394; Nov. 19.
 Liquids, Apparatus for effecting clarification of. F. R. Fortier. 2,022,661; Dec. 3.
 Liquids, Apparatus for evaporating. M. S. Ziskin and V. D. Zeve. 1,994,331; Mar. 12.
 Liquids, Apparatus for expressing. S. Hiller. 2,004,408; June 11.
 Liquids, Apparatus for lifting. J. Entrop. 2,026,226; Dec. 31.
 Liquids, Apparatus for sampling. E. W. Pribble. 2,001,922; May 21.
 Liquids, Apparatus for the treatment of immiscible. G. A. Kramer. 2,022,205; Nov. 26.
 Liquids, Apparatus for treating. J. C. Gordon. 2,003,589; June 4.
 Liquids, Automatic control of antiknock. L. B. Kimball. 2,002,482-3; May 21.
 Liquids by freezing, Treatment and concentration of. W. M. Zorn and T. H. Eickhoff. 1,999,712; Apr. 30.
 Liquids, Contacting. E. T. Pummill. 2,023,546; Dec. 10.
 Liquids, Device for atomizing. V. Wergifosse. 2,007,734; July 9.
 Liquids, Electrolytic treatment of. K. Kalsser. 2,004,065; June 4.
 Liquids from containers, Device for use when drawing off. F. J. T. Barnes. 2,009,645; July 30.
 Liquids from containers, Device for use when drawing off. F. J. T. Barnes. 2,025,431; Dec. 24.
 Liquids from gases, Process and apparatus for the separation of. E. Pyzel and R. Tillmann. 1,996,257; Apr. 2.
 Liquids from hides, skins, and leather, Removing. J. H. Connor. 2,004,930; June 18.
 Liquids from solids, Apparatus for separating. F. B. Allen. 1,990,446; Feb. 5.
 Liquids from vapors or gases, Separation of. W. A. Myers. 1,987,630; Jan. 15.
 Liquids, Handling volatile. W. Reed-Hill. 2,013,685; Sept. 10.
 Liquids in bottles, Device for carbonating. G. F. Sugden. 2,018,424; Oct. 22.
 Liquids in containers, Apparatus for pasteurizing. J. L. Herold and J. W. Dawson. 2,010,667; Aug. 6.
 Liquids, Mechanism for disintegrating frozen. G. Muffy. 2,004,582; June 11.
 Liquids, Mechanism for self-service merchandising of. T. C. Spelling. 2,018,877; Oct. 29.
 Liquids, Method and apparatus for bodying. R. A. Carleton. 1,998,073; Apr. 16.
 Liquids, Method and apparatus for controlling the flow of volatile. K. E. Stuart. 2,022,695; Dec. 3.
 Liquids, Method and apparatus for cooling and holding. O. W. Greene. 2,024,639; Dec. 17.
 Liquids, Method and apparatus for vacuum distillation of. K. Ebner. 2,018,778; Oct. 29.
 Liquids or separating solids from liquids, Apparatus for filtering. M. C. Santiago. 2,022,524; Nov. 26.
 Liquids or gases, Apparatus for straining. J. Wardle. 2,007,780; July 9.
 Liquids or gases, Apparatus for straining. J. Wardle. 2,022,016-17; Nov. 26.
 Liquids, particularly for the pasteurization thereof, Apparatus for treating. R. Seligman and H. F. Goodman. 1,992,330; Feb. 26.
 Liquids, Pasteurizing and deodorizing. H. C. Horneman. 2,022,419; Nov. 26.
 Liquids, Process and apparatus for dehydrating. W. W. Kraft. 2,017,067; Oct. 15.
 Liquids, Process and apparatus for distilling. D. I. Ashworth. 2,006,430; July 2.
 Liquids, Process and apparatus for separating. W. R. Mobley. 2,025,883; Dec. 31.
 Liquids, Regulating. H. Palm. 1,992,502; Feb. 26.
 Liquids, solutions, dispersions and emulsions into powder form by drying, Apparatus for the converting of milky. M. J. Stam. 2,002,252; May 21.
 Liquids, Sterilization of. G. A. Krause. 1,988,246; Jan. 15.
 Liquids, Sterilizing. G. A. Krause. 2,018,916; Oct. 29.
 Liquids such as paints, varnishes or the like, Apparatus for spraying. H. Steinhart, F. Kratz and E. Baumgratz. 2,013,639; Sept. 3.
 Liquids, System for dispensing cooled. P. L. Betz and S. Karrer. 1,989,395; Jan. 29.
 Liquids to yarns, threads, filaments, straws, tapes, bristles or like textile materials, Applying. W. G. Lowe and R. H. J. Riley. 1,999,417; Apr. 30.
 Liquids with ammonia, Treatment of. E. W. Harvey. 2,023,199; Dec. 3.
 Liquids with gases or vapors and apparatus therefor, Treating. M. Luther and K. Goetze. 2,015,347; Sept. 24.
 Liquids with vapors or gases, Apparatus for contacting. R. B. Chillas, Jr. 2,010,010; Aug. 6.
 Liquor, Aging. A. B. Caywood. 1,990,266; Feb. 5.
 Liquor, Preparing sulphite cooking. R. H. McKee. 2,014,775; Sept. 17.
 Liquor, wine, and other beverages while stored in a barrel, Apparatus for aging. J. P. Spang. 2,011,204; Aug. 13.
 Liquors and vapors in digesters, Method of and apparatus for circulating. C. C. Heritage and V. P. Edwardes. 1,991,211; Feb. 12.
 Liquors, Apparatus for purifying alcoholic. A. M. Werner. 2,012,365; Aug. 27.
 Liquors, Concentrating waste. C. C. Hunicke and C. L. Wagner. 2,005,422; June 18.
 Liquors, Distilling alcohol-containing fermented. G. T. Reich. 2,010,929; Aug. 13.
 Liquors from cellulose digestion to regenerate their alkali metal compound content, Treating waste. G. Haglund. 1,997,773; Apr. 16.
 Liquors in multiple effect and apparatus therefor, Concentration of. A. R. Jahn. 2,012,668; Aug. 27.
 Liquors, Production of pure by-products from resin-containing. E. H. French. 1,997,171; Apr. 9.
 Lister cultivator. H. E. Altgelt. 1,995,955; Mar. 26.
 Listers, etc., Attachment for. R. P. Lier. 2,020,841; Nov. 12.
 Listing adding machine. L. P. Crosman. 1,994,211; Mar. 12.
 Listing calculating machine. H. Widmaier. 2,012,330; Aug. 27.
 Listing calculator. L. P. Crosman. 1,997,679; Apr. 16.
 Lithium compounds from impure solutions, Production of pure. H. S. Colton. 2,021,986; Nov. 26.
 Lithium compounds, Production of. H. P. Corson and R. Pfanstiel. 2,021,988; Nov. 26.
 Lithium compounds, Recovering. J. H. Coleman and N. E. Jaffa. 2,024,026; Dec. 10.
 Lithium from its ores, Recovering. W. Rosett and F. R. Bichowsky. 2,020,854; Nov. 12.
 Lithium silicon composition. H. Osborg. 1,997,340; Apr. 9.
 Lithium values from lithium bearing ores, Recovery of. R. J. Kepfer and R. Pfanstiel. 2,022,003; Nov. 26.
 Lithographic plate graining device. R. Fritsche. 2,005,654; June 18.
 Lithographic printing machine. A. J. Horton. 2,000,518; May 7.
 Lithographing press. W. R. Hotchkiss. 1,988,970; Jan. 22.
 Lithopone. G. A. Kummer. 2,021,420; Nov. 19.
 Lithopone manufacture. E. J. Flynn, G. F. A. Stutz, and C. B. Schertzinger. 2,007,527; July 9.
 Lithopones of low oil absorption, Producing. J. E. Booge and R. S. Radcliffe. 2,016,536; Oct. 8.
 Litter gatherer. H. A. Roquet. 1,998,524; Apr. 23.
 Lixivator and method of leaching. H. Ahlqvist. 2,015,832; Oct. 1.
 Load control, Electric demand. W. Zelinger. 2,009,245; July 23.
 Load control system. L. L. Fountain. 2,015,555; Sept. 24.
 Load-distributing and vibration-damping article. P. D. Mallay. 2,021,370; Nov. 19.
 Load equalizer. H. C. Robinson. 2,021,639; Nov. 19.
 Load equalizer for pumps. H. C. Robinson. 1,994,592; Mar. 19.
 Load equalizing system. E. Frischmuth and M. Schenkel. 1,993,000; Mar. 5.
 Load handling and excavating machine. E. J. Wilson. 2,022,168; Nov. 26.
 Load handling apparatus. H. O. Kittleson. 2,001,253; May 14.
 Load indicator. E. J. Shimek. 2,013,810; Sept. 10.
 Load lifting and weighing device. P. S. Endacott. 2,009,768; July 30.
 Load limiting device. H. P. Grohn. 2,003,115; May 28.

- Load regulation of electric power plants. A. Roschl. 2,020,080; Nov. 5.
- Load supporting structure, Adjustable. W. A. Wiesman. 2,017,300; Oct. 15.
- Load weighing device. B. F. Fitch. 2,020,307; Nov. 12.
- Loader. S. F. Ossing. 2,022,146; Nov. 26.
- Loader, Pit car. N. D. Levin. 1,997,588; Apr. 16.
- Loader, Self propelled. S. F. Ossing. 2,022,148; Nov. 26.
- Loading and carrying means. I. H. Judd. 2,004,439; June 11.
- Loading and excavating machine. F. Oldroyd. 2,009,147; July 23.
- Loading apparatus for chucks. W. D. Schmidt. 2,015,439; Sept. 24.
- Loading device. J. C. Bell. 2,020,231; Nov. 5.
- Loading device. J. W. Smith. 2,005,666; June 18.
- Loading device or attachment for fluid pressure regulators. W. C. Groble. 2,015,931; Oct. 1.
- Loading machine. F. Cartledge. 1,997,247; Apr. 9.
- Loading machine. F. Cartledge. 2,002,199; May 21.
- Loading machine. F. Cartledge. 2,008,817; July 23.
- Loading machine. A. Hauge. 2,007,109; July 2.
- Loading machine. M. S. Moore. 2,005,524; June 18.
- Loading machine. E. G. Voelkel. 2,016,564; Oct. 8.
- Loading machine control mechanism. N. D. Levin and E. G. Lewis. 2,002,951; May 28.
- Loading mechanism. W. J. Conway. 2,022,881; Dec. 3.
- Loading of sewer pipe, building tile, etc., for railway shipment. I. H. Spoor. 2,024,189; Dec. 17.
- Loading station for toy trains. J. E. Cuff. 2,017,616; Oct. 15.
- Loading tool. S. R. Siebert and L. King. 2,004,420; June 11.
- Loaf bagging device, Sliced. W. Beauclerk. 1,992,166; Feb. 26.
- Loaf creasing and cutting means for dough molders. W. G. Kirchhoff. 2,017,281; Oct. 15.
- Lobster-claw lock. L. J. Barwood. 1,997,711; Apr. 16.
- Lobster-claw retaining device. P. L. Fannin and A. J. Cappello. 2,009,546; July 30.
- Locating a point in space, Method of and apparatus for. R. M. Wilmette. 2,012,412; Aug. 27.
- Lock: See—
- Anti-jimmy lock.
- Automobile lock.
- Bicycle lock.
- Bicycle stand lock.
- Body lock.
- Bolt lock.
- Bottle top lock.
- Bracelet lock.
- Bung and faucet lock.
- Canal lock.
- Closure cap lock.
- Combination ignition lock.
- Combination lock.
- Combination locker lock.
- Cylinder lock.
- Disk tumbler lock.
- Electric lock.
- Fenderwell lock.
- Fire alarm box lock.
- Gas tank cap lock.
- Gate lock.
- Gear shift lock.
- Gear shifter lock.
- Grip lock.
- Hasp lock.
- Hinge lock.
- Ignition and steering lock.
- Ignition lock.
- Keyless combination lock.
- Key operable lock.
- Lock. L. Alberti. 2,024,497; Dec. 17.
- Lock. F. E. Best. 2,008,486; July 16.
- Lock. S. Blumenfeld and P. Lo Cascio. 2,015,660; Oct. 1.
- Lock. R. P. Boyko. 2,004,746; June 11.
- Lock. K. A. Brauning. 1,997,276; Apr. 9.
- Lock. T. J. Caldwell. 1,994,095; Mar. 12.
- Lock. W. J. Conwell. 2,017,785; Oct. 15.
- Lock. L. E. Deutsch. 2,024,030; Dec. 10.
- Lock. M. Falk. 1,987,735; Jan. 15.
- Lock. M. Falk. 2,000,829; May 7.
- Lock. J. W. Fitz Gerald. 2,000,279-80; May 7.
- Lock. J. W. Fitz Gerald. 2,004,432-4; June 11.
- Lock. J. W. Fitz Gerald. 2,010,984; Aug. 13.
- Lock. J. W. Fitz Gerald. 2,024,441; Dec. 17.
- Lock. E. O. Gidlund. 1,989,137; Jan. 29.
- Lock. R. S. Gold. 2,008,668; July 23.
- Lock. F. W. Heyel. 1,996,376; Apr. 2.
- Lock. N. B. Hurd. 1,986,676; Jan. 1.
- Lock. N. B. Hurd. 1,992,124-6; Feb. 19.
- Lock. N. B. Hurd. 2,012,911; Aug. 27.
- Lock. N. B. Hurd. 2,012,912; Aug. 27.
- Lock. E. P. Hurd. 2,021,185; Nov. 19.
- Lock. E. N. Jacobi. 1,989,928; Feb. 5.
- Lock. E. N. Jacobi. 2,004,435; June 11.
- Lock. E. N. Jacobi. 2,006,922; July 2.
- Lock. E. N. Jacobi. 2,012,996; Sept. 3.
- Lock. E. N. Jacobi. 2,013,730; Sept. 10.
- Lock. E. N. Jacobi. 2,016,602; Oct. 8.
- Lock. T. H. Joseph. 2,010,237; Aug. 6.
- Lock. G. Kebort. 1,994,104; Mar. 12.
- Lock. C. Kemp. 2,019,263; Oct. 29.
- Lock. C. and I. Kemp. 2,002,014; May 21.
- Lock. I. and C. Kemp. 1,988,080; Jan. 15.
- Lock. C. Ledin and K. A. Brauning. 1,998,246; Apr. 16.
- Lock. S. A. Liss. 2,023,847; Dec. 10.
- Lock. J. Lombardo. 1,998,900; Apr. 23.
- Lock. J. W. Lovatt. 1,997,528; Apr. 9.
- Lock. H. Machinist. 1,989,327; Jan. 29.
- Lock. G. Maierle. 2,001,824; May 21.
- Lock. W. J. McCormac. 1,990,794; Feb. 12.
- Lock. D. Nicols. 2,021,803; Nov. 19.
- Lock. E. W. North. 2,001,262; May 14.
- Lock. A. J. Pacewick. 1,991,985; Feb. 19.
- Lock. H. F. Schmidt. 2,018,191; Oct. 22.
- Lock. G. W. Singleton. 1,990,352; Feb. 5.
- Lock. A. L. Sprecker. 2,016,687; Oct. 8.
- Lock. L. Stein. 2,010,570; Aug. 6.
- Lock. E. B. Stone and L. M. Dyson. 2,009,640; July 30.
- Lock. F. J. Sullivan. 2,018,098; Oct. 22.
- Lock. L. Trevisin. 1,995,159; Mar. 19.
- Lock. C. L. Vaughn. 2,000,264; May 7.
- Lock. C. L. Williams and E. M. Simmons. 2,022,070; Nov. 26.
- Lock. L. E. Williams. 2,015,248; Sept. 24.
- Lock. E. W. Worth. 2,002,453; May 21.
- Lock and handle, Window. H. W. Nicles. 2,005,953; June 25.
- Lock and locking mechanism, Automobile. S. L. Centofanti. 2,019,655; Nov. 5.
- Lock and making same. P. J. Nawn. 2,025,293; Dec. 24.
- Lock and making the same, Window. H. F. Keil. 1,994,428; Mar. 12.
- Lock and release for switchboards, Automatic signal. H. Koch. 2,003,689; June 4.
- Lock and switch for an alarm, Combined. G. Lodispoto. 2,011,944; Aug. 20.
- Lock and switch mechanism for elevator shaft doors. J. A. Schweig. 1,995,903; Mar. 26.
- Lock and the like, Jail. F. Adam. 2,015,095; Sept. 24.
- Lock barrel retaining pin. B. H. Larsson. 2,020,260; Nov. 5.
- Lock bolt. H. J. Kramer. 2,006,461; July 2.
- Lock chamber for gas generators, Ash discharge. A. G. Glasgow. 2,012,909; Aug. 27.
- Lock construction. H. F. Keil. 2,007,142-3; July 2.
- Lock construction. H. F. Keil. 2,014,233; Sept. 10.
- Lock construction. W. E. Keller. 2,003,083; May 28.
- Lock cylinder, Safety grip. J. Dobrichovsky. 1,987,434; Jan. 8.
- Lock device. F. J. Bechert. 2,008,662; July 23.
- Lock for automobile inside door handles, Safety. J. P. Johnson and O. Christensen. 2,026,389; Dec. 31.
- Lock for calculating machines, Idle. J. A. V. Turck. 2,018,933; Oct. 29.
- Lock for containers, Automobile plug. H. H. Metzgar. 1,997,942; Apr. 16.
- Lock for doors. R. Grill. 2,007,854; July 9.
- Lock for elevator doors and the like. C. F. Eisenbart. 2,008,665; July 23.
- Lock for guy strand guards. J. Blackburn. 1,990,162; Feb. 5.
- Lock for looms, Heddle bar. G. F. Bahan. 2,001,236; May 14.
- Lock for meter bag cover. C. Thomas. 2,007,509; July 9.
- Lock for motor vehicles, Fuel-valve. S. Moore. 2,006,027; June 25.
- Lock for record feed, Automatic safety. J. D. Bright. 2,021,681; Nov. 19.
- Lock for safes. W. Lavallée. 2,000,238; May 7.
- Lock for textile machine covers, Safety. J. Moss. 1,987,562-3; Jan. 8.
- Lock for tool bits, Cam. O. Severson. 2,013,701; Sept. 10.
- Lock for transom lifters, Safety. R. Kasik. 2,010,593; Aug. 6.
- Lock for vehicle bodies, Automatic rear door. J. C. Sell. 2,003,394; June 4.
- Lock for windows, Adjustable. A. V. Vazquez. 2,003,128; May 28.
- Lock hook. H. Wener. 2,016,733; Oct. 8.
- Lock, latch, and fastener. R. Roberts. 1,998,288; Apr. 16.
- Lock lid for Journal boxes. A. C. Schmohl and J. P. Anderson. 2,005,479; June 18.
- Lock mechanism. L. E. Deutsch. 2,021,443; Nov. 19.
- Lock mechanism. G. D. Hill. 1,989,419; Jan. 29.
- Lock mechanism. A. G. Lyons and W. S. Diehl. 2,001,329; May 14.
- Lock mechanism, Detachable. J. H. Shaw and J. J. Drexler. 1,986,452; Jan. 1.
- Lock mechanism for pin ball games, Antitilting. B. E. Mills. 2,006,646; July 2.
- Lock mechanism, Keyless. P. B. Weis. 2,000,111; May 7.
- Lock nut, bolt, and rivet. J. A. Gray. 1,995,610; Mar. 26.
- Lock operating means. H. W. Vokes. 2,006,374; July 2.
- Lock or the like, Automobile engine flywheel. C. L. Williams and E. M. Simmons. 1,995,909; Mar. 26.
- Lock sealing means. F. T. Smith and C. B. Polhemus. 2,001,354; May 14.
- Lock-seams, Making. Q. G. Noblitt. 2,004,535; June 11.
- Lockstitch knit fabric. W. Mendel and J. Titone. 2,010,787; Aug. 6.
- Lock strike, Adjustable. F. K. Goetz. 2,013,145; Sept. 3.
- Lock structure. F. J. Bremer. 1,994,094; Mar. 12.
- Lock switch. J. D. Taylor. 2,002,047; May 21.

- Lock system and equipment, Jail. H. J. Ralston. 2,023,437; Dec. 10.
- Lock thread for screw caps and the like. R. B. Hill. 1,986,061; Jan. 1.
- Lock valve. F. S. Burns and G. M. Helf. 2,016,797; Oct. 8.
- Lock washer. C. C. Washer. 2,014,995; Sept. 17.
- Lock washer. W. E. Zinnbauer. 2,012,032; Aug. 20.
- Lock with demountable cores. H. G. Voight. 2,023,941; Dec. 10.
- Lock with electrical switch control, Combination. G. T. Hosking. 2,003,650; June 4.
- Lockable meter box. R. M. Walker. 2,007,065; July 2.
- Locker. F. L. Brunswick. 2,014,491; Sept. 17.
- Locker. Bottle. N. W. Coverdale and G. T. Eaton. 2,017,786; Oct. 15.
- Locker for clothes and the like. L. S. Van Westrum, Jr. 1,987,542; Jan. 8.
- Locket. E. E. Keely. 1,985,428; Mar. 26.
- Locking cap. C. C. Curl. 2,002,260; May 21.
- Locking closure construction. T. D. Lazarides. 2,009,808; July 30.
- Locking device. N. S. Fillya. 1,990,373; Feb. 5.
- Locking device. A. J. Henderson. 1,993,784; Mar. 12.
- Locking device. G. Laput. 2,004,761; June 11.
- Locking device. F. J. Lejbowicz. 1,997,526; Apr. 9.
- Locking device. W. H. Maynard. 2,015,454; Sept. 24.
- Locking device. F. H. Mussler. 2,015,121; Sept. 24.
- Locking device. F. D. Sanborn, Jr. 2,011,474; Oct. 15.
- Locking device. A. L. Slee. 2,010,041; Aug. 6.
- Locking device. A. J. Trott. 1,986,128; Jan. 1.
- Locking device. Adjustable hatch beam. M. J. Hanlon. 2,000,839; May 7.
- Locking device for boards or similar structural elements. K. V. Engman. 2,011,313; Aug. 13.
- Locking device for bobbin housings of sewing machines. W. Bötter. 2,019,390; Oct. 29.
- Locking device for brake levers and the like, Automatic. C. M. Ellenberger. 2,009,311; July 23.
- Locking device for cupboards and the like. H. Karre. 2,010,492; Aug. 6.
- Locking device for dial telephones. R. B. Poliakoff. 2,000,669; May 7.
- Locking device for foldable measures. H. Sauer. 2,021,202; Aug. 6.
- Locking device for hinged apparatus. M. J. Heller. 1,994,021; Mar. 12.
- Locking device for hooks, Safety. L. W. Manbeck. 2,009,938; July 30.
- Locking device for milk bottles. W. J. Macdougald. 1,989,239; Jan. 29.
- Locking device for nuts, screws, bolts, and the like. H. C. Abell. 2,001,645; May 14.
- Locking device for pins, bolts, or the like. R. Collis. 2,025,848; Dec. 31.
- Locking device for pump impellers. A. L. McHugh. 2,010,525; Aug. 6.
- Locking device for typewriters, Coin-freed. K. Dietrich. 2,015,787; Oct. 1.
- Locking device for vehicle doors. E. N. Jacobi. 2,019,817; Nov. 5.
- Locking device for vehicles. A. Lazarus and A. Brown. 2,022,725; Dec. 3.
- Locking device, Latch. W. J. Kerwin, Jr. 2,013,055; Sept. 3.
- Locking devices for the ignition circuit of motor cars or the like. A. M. Donovan. 1,997,050; Apr. 9.
- Locking devices to threaded members, Method and apparatus for applying. C. A. Henriksen. 2,011,280; Aug. 13.
- Locking garment hanger. V. Flocco. 2,024,442; Dec. 17.
- Locking means for automatic dispensers. H. F. Sedgebury and W. M. Carroll. 1,996,883; Apr. 9.
- Locking means for distributors. E. Rick and J. Bonnie. 2,005,393; June 18.
- Locking means for hypodermic syringe needles, Detachable. L. Eisele. 2,020,111; Nov. 5.
- Locking means for totalizers. H. F. Sedgebury. 1,996,882; Apr. 9.
- Locking means for valves. C. M. Potts and P. B. Ellington. 2,002,615; May 28.
- Locking mechanism. G. D. Hill. 2,023,137; Dec. 3.
- Locking mechanism. J. H. Milligan. 2,010,461; Aug. 6.
- Locking mechanism for binders. R. R. Webb. 1,997,664; Apr. 16.
- Locking spring clip. D. I. Reiter. 2,012,446; Sept. 3.
- Locking structure. C. S. Starrick. 1,988,974; Jan. 22.
- Locomotive. R. W. Anderson. 1,990,315; Feb. 5.
- Locomotive. R. W. Anderson and H. E. Riccius. 2,009,469; July 30.
- Locomotive. R. A. Carr. 2,013,682; Sept. 10.
- Locomotive. A. Giesl-Gieslingen. 1,998,007; Apr. 16.
- Locomotive. P. A. Ketchpel and C. J. Surdykowski. 1,999,813; Apr. 30.
- Locomotive. J. P. Ruth. 2,005,562; June 18.
- Locomotive. E. L. Schellens. 1,997,751; Apr. 16.
- Locomotive. E. L. Schellens. 2,017,131; Oct. 15.
- Locomotive. E. L. Schellens. 2,017,134; Oct. 15.
- Locomotive. W. E. Woodard. 1,991,239; Feb. 12.
- Locomotive. F. B. Yingling. 2,010,125; Aug. 6.
- Locomotive and tender. J. W. Myers. 2,003,455; June 4.
- Locomotive boiler. J. J. Daly. 1,994,606; Mar. 19.
- Locomotive boiler. J. C. Martin, Jr. 1,991,904; Feb. 19.
- Locomotive booster motor. M. H. Roberts. 1,987,975; Jan. 15.
- Locomotive booster motor. M. H. Roberts. 2,025,126; Dec. 24.
- Locomotive construction. E. W. Albers. 2,004,742; June 11.
- Locomotive control system. R. L. Kimball and D. J. Munro. 2,020,947; Nov. 12.
- Locomotive cylinder and cylinder saddle construction. J. G. Blunt. 2,020,099; Nov. 5.
- Locomotive draft appliance. A. Giesl-Gieslingen. 1,998,006; Apr. 16.
- Locomotive draft appliance. A. Giesl-Gieslingen. 1,998,008; Apr. 16.
- Locomotive draft appliance. W. T. Ray. 2,014,862; Sept. 17.
- Locomotive drive frame. J. H. Dotterrer. 2,025,381; Dec. 24.
- Locomotive, Duplex. W. E. Gatchel. 2,024,969; Dec. 17.
- Locomotive engine. E. C. Anderson. 1,992,171; Feb. 26.
- Locomotive exhaust. A. Giesl-Gieslingen. 1,998,009; Apr. 16.
- Locomotive fire box construction. C. T. McElvaney. 2,008,559; July 16.
- Locomotive front and construction. E. L. Schellens. 1,991,703; Feb. 19.
- Locomotive fuel conveyer. H. E. Lippert. 1,991,399; Feb. 19.
- Locomotive fuel conveyer. H. E. Lippert. 2,000,468-9; May 7.
- Locomotive headlight lamp. D. S. Gustin and W. J. Mongon. 1,986,473; Jan. 1.
- Locomotive lubricating system. E. O. Corey. 1,986,324; Jan. 1.
- Locomotive power reverse gear mechanism. G. H. Zouck. 2,017,115; Oct. 15.
- Locomotive running gear. J. Hektner. 1,995,851; Mar. 26.
- Locomotive sander, Safety. E. C. Kirk. 1,993,145; Mar. 5.
- Locomotive smoke consumer. F. G. Stephens. 1,990,921; Feb. 12.
- Locomotive smoke-stack construction. M. B. Morrow. 1,995,216; Mar. 19.
- Locomotive spring assembly. G. C. Batz. 2,021,643; Nov. 19.
- Locomotive, Starting a Diesel driven. F. F. Murray. 1,995,320; Mar. 26.
- Locomotive structure. J. C. Travilla, Jr. 2,019,279; Oct. 29.
- Locomotive structure, Steam. J. C. Travilla, Jr. 2,019,278; Oct. 29.
- Locomotive superheater construction. J. A. McGrew. 1,992,497; Feb. 26.
- Locomotive tender. F. Hogg. 1,999,975; Apr. 30.
- Locomotive tender. E. A. Turner. 2,017,809; Oct. 15.
- Locomotive tender and stoker mechanism. G. M. Myers. 1,992,088; Feb. 19.
- Locomotive tender construction. E. G. Hallquist and J. H. Locke. 2,012,043; Aug. 20.
- Locomotive truck. E. Gray. 2,024,688; Dec. 17.
- Locomotive valve mechanism. O. Z. Frazier. 1,990,899; Feb. 12.
- Locomotives, Fire box of oil burning. C. F. Gerlinger. 2,002,028; May 21.
- Locomotives with direct drive on the axles, Starting and accelerating Diesel-. H. Triebnigg. 2,010,469; Aug. 6.
- Log barker. A. Hokanson. 2,015,936; Oct. 1.
- Log barker or peeler. R. O. Britton. 2,016,069; Oct. 1.
- Log scrubbing machine. C. H. Burr. 2,023,163; Dec. 3.
- Logging equipment hanging device. J. W. Forrester. 1,996,509; Apr. 2.
- Long-distance reception by means of intermediate receivers, Arrangement for. M. von Ardenne. 1,993,467; Mar. 5.
- Long wave length radiation device. C. H. Braselton. 2,007,927; July 9.
- Longitude position finder. E. Kloht. 2,006,809; July 2.
- Loom: See—
Automatic loom. Tuft fabric pile loom.
Double pile fabric loom. Tuft pile fabric loom.
Hand loom. Weft replenishing loom.
Pile fabric loom.
- Loom. E. W. Bullard. 2,004,031; June 4.
- Loom. S. E. Fletcher. 1,995,384; Mar. 26.
- Loom. H. L. Shuttleworth. 2,010,115; Aug. 6.
- Loom and carpet fabric produced thereby, Jacquard. W. Hall. 2,023,016; Dec. 3.
- Loom and method of weaving. W. D. Kellogg. 1,998,932; Apr. 23.
- Loom and method of weaving. W. W. Robertson. 2,020,434; Nov. 12.
- Loom and thread measuring and cutting mechanism therefor, Shuttleless. W. Pool. 2,005,390; June 18.
- Loom and weft-selecting mechanism therefor, Shuttleless. W. Pool. 2,005,391; June 18.
- Loom attachment. D. C. Bush and W. A. Moore. 1,993,146; Mar. 5.
- Loom attachment. L. Sturm. 2,013,588; Sept. 3.
- Loom attachment. L. Sturm. 2,021,029; Nov. 12.
- Loom beam. G. A. Anderson. 2,016,533; Oct. 8.
- Loom control. L. A. Ederer. 1,989,975; Feb. 5.
- Loom, Felt punching. R. H. Johnson. 2,004,725; June 11.
- Loom for weaving. F. C. Hale and J. W. Bennett. 1,991,895; Feb. 19.
- Loom for weaving. R. Rossman. 2,013,505; Sept. 3.
- Loom for weaving, Circular. W. A. Dickie and F. C. Hale. 1,990,064-5; Feb. 5.
- Loom harness. J. J. Kaufmann. 2,010,786; Aug. 6.

- Loom harness, Jacquard. J. J. Kaufmann. 2,022,623; Nov. 26.
- Loom harness, Method of and apparatus for supporting and manipulating. L. R. Cox. 2,016,543; Oct. 8.
- Loom heddle and making the same. J. J. Kaufmann. 2,019,822; Nov. 5.
- Loom let-off mechanism. O. V. Payne. 2,007,023; July 2.
- Loom picker. G. Brahs. 1,989,910; Feb. 5.
- Loom picker. F. W. Merrick. 2,025,417; Dec. 24.
- Loom reed. I. Andrews. 1,988,977; Jan. 22.
- Loom reed. J. J. Kaufmann. 1,997,560; Apr. 9.
- Loom reed and method and apparatus for its manufacture. A. Hornig. 2,008,504; July 16.
- Loom, Removing the harness and stopping instrumentalities from a. J. J. Williamson. 1,994,296; Mar. 12.
- Loom shuttle. G. C. Beatrice. 2,012,584; Aug. 27.
- Loom shuttle. C. D. Brown. 2,012,585; Aug. 27.
- Loom, Shuttle changing. W. W. Robertson. 2,025,901; Dec. 31.
- Loom, Shuttle changing. L. S. Vose. 2,004,681; June 11.
- Loom shuttle control. H. C. Robinson. 1,989,154; Jan. 29.
- Loom shuttle structure. W. E. Lundgren. 2,000,967; May 14.
- Loom, Shuttleless. W. A. Dickie and F. C. Hale. 2,012,121; Aug. 20.
- Loom stop motion. C. D. Brown. 2,009,872; July 30.
- Loom stop motion. V. Lindsjo. 2,009,893; July 30.
- Loom stoppage recorder. F. G. Cobb. 2,017,949; Oct. 22.
- Loom structure, Weft replenishing. W. E. Lundgren. 2,000,969; May 14.
- Loom take-up mechanism. E. A. Santon. 2,021,432; Nov. 19.
- Loom temple. J. W. Jones. 1,990,123; Feb. 5.
- Loom to weave Venetian blind tape. E. R. Holmes. 2,025,866; Dec. 31.
- Looms, Adjusting device of warp tension in automatic. Y. Nogamy. 1,987,864 Jan. 15.
- Looms, Beating-up line position indicator for. C. H. Gibbs. 2,001,061; May 14.
- Looms, Electric feeler mechanism for. R. G. Turner. 1,993,492; Mar. 5.
- Looms, Fabric-supporting means for circular. J. Jabouley. 2,024,166; Dec. 17.
- Looms, Feeler tip for weft replenishing. O. V. Payne. 1,999,516; Apr. 30.
- Looms, Filling detector for. W. H. Baban and F. G. Cobb. 2,018,650; Oct. 29.
- Looms, Filling feeler for. J. C. Crocker. 1,989,587; Jan. 29.
- Looms, Filling feeler for. E. C. Smith. 2,023,705; Dec. 10.
- Looms, Head motion for. W. M. Wattie. 2,020,445; Nov. 12.
- Looms, Lay motion for. O. V. Payne. 2,009,148; July 23.
- Looms, Mechanism for actuating the play of weaving. P. Breddin and O. Wittmers. 2,004,306; June 11.
- Looms, Parting means for. E. C. Nichols. 2,001,310; May 14.
- Looms, Picking motion for. O. V. Payne. 2,012,053; Aug. 20.
- Looms, Protector motion for. J. Chapman and B. W. Brown. 2,000,820; May 7.
- Looms, Protector-rod finger for. S. O. Dodge. 1,996,280; Apr. 2.
- Looms, Shedding mechanism for circular. J. Jabouley. 2,008,913; July 23.
- Looms, Shedding mechanism for circular. J. Jabouley. 2,024,165; Dec. 17.
- Looms, Shedding-mechanism of circular. W. Howarth. 2,016,370; Oct. 8.
- Looms, Shuttle motion for. J. F. Timberlake. 2,002,194; May 21.
- Looms, Weft protector for. A. Ferle and M. Patzke. 1,991,144; Feb. 12.
- Loop forming mechanism for straight knitting machines. G. Gastrich. 2,013,883; Sept. 10.
- Loop receiver. E. Zepler. 1,997,271; Apr. 9.
- Loop regulating mechanism for knitting machines. G. Gastrich. 1,990,988; Feb. 12.
- Looper, Mechanical. H. F. Webster. 2,007,356; July 9.
- Loose leaf structure. J. Schade. 1,990,136; Feb. 5.
- Loud speaker. B. A. Engholm. 1,997,051; Apr. 9.
- Loud speaker. J. P. Quam. 2,020,211; Nov. 5.
- Loud speaker. H. H. Shotwell. 1,995,080; Mar. 19.
- Loudspeaker. A. A. Thomas. 2,004,735; June 11.
- Loud speaker and method of propagating sound. H. F. Olson. 1,988,250; Jan. 15.
- Loud speaker attachment. E. Grissinger. 2,013,953; Sept. 10.
- Loud speaker construction. B. A. Engholm. 2,006,857; July 2.
- Loud speaker device. H. Wittorf. 1,994,297; Mar. 12.
- Loud speaker, Electro-dynamic. L. Thompson. 2,002,926; May 28.
- Loud speaker, Electrostatic. A. A. Thomas. 2,004,736; June 11.
- Loud speaker structure and making the same. B. Olney. 2,016,453; Oct. 8.
- Loud speaker unit, Dynamic. H. J. Fanger. 1,992,300; Feb. 26.
- Lounge cart. W. L. Gittings and N. N. Brown. 1,987,335; Jan. 8.
- Loupe. F. R. Chester. 2,017,233; Oct. 15.
- Louver construction. E. A. Mader. 1,996,340; Apr. 2.
- Louver construction. E. A. Mader. 2,009,740; July 30.
- Lower unit for outboard motors. F. T. Irgens. 1,987,906; Jan. 15.
- Low voltage generator. H. G. Fischer, P. P. Musket, and D. E. Richardson. 2,004,751; June 11.
- Lowering device. R. Payson. 1,993,074; Mar. 5.
- Lubricant. G. Kaufman. 2,024,990; Dec. 17.
- Lubricant. A. H. Kelling. 2,003,368; June 4.
- Lubricant. C. F. Prutton. 1,986,651; Jan. 1.
- Lubricant. J. F. Werder. 1,995,371; Mar. 26.
- Lubricant control device. J. F. MacIndoe. 2,025,396; Dec. 24.
- Lubricant cooling means for internal combustion engines. L. S. Hobbs. 1,999,237; Apr. 30.
- Lubricant cooling system. H. R. Wolf. 2,008,164; July 16.
- Lubricant distributor. C. Stern. 2,016,974; Oct. 8.
- Lubricant distributor. R. R. Stitt. 2,007,482; July 9.
- Lubricant from crude petroleum oil, Producing a refined. E. F. Engelke. 1,988,648; Jan. 22.
- Lubricant heating means. H. C. Garrett. 2,011,811; Aug. 20.
- Lubricant in a lubricating system, Device for separating the foreign matter in the. G. R. Eckstein. 2,006,587; July 2.
- Lubricant metering device, Intermittent. O. A. Williams. 1,995,762; Mar. 26.
- Lubricant mixture. V. R. Abrams and C. A. Hochwalt. 2,016,532; Oct. 8.
- Lubricant, Penetrating. R. D. King. 2,025,517; Dec. 24.
- Lubricant sealed seat. A. K. Sorensen. 2,003,840; June 4.
- Lubricant spreader for gears. W. J. Strain. 2,017,871; Oct. 22.
- Lubricant testing and demonstrating device. J. B. Walker. 1,991,713; Feb. 19.
- Lubricant testing machine. E. G. Boden. 1,990,771; Feb. 12.
- Lubricant testing machine. E. G. Boden. 1,995,832; Mar. 26.
- Lubricants and the like, Device for dispensing. E. M. Thomas. 2,020,528; Nov. 12.
- Lubricants, Apparatus for testing. G. D. Boerlage. 2,019,948; Nov. 5.
- Lubricants, Applying metal forming. R. C. Williams. 1,995,528; Mar. 26.
- Lubricants, Filtering fluid. E. J. Hall. 1,996,106; Apr. 2.
- Lubricants, Method and apparatus for testing. E. R. Sage. 1,989,627; Jan. 29.
- Lubricants, Testing. J. O. Almen. 2,001,861; May 21.
- Lubricated bearing. V. A. Bary. 2,014,160; Sept. 10.
- Lubricated bearing. J. S. Coffin, Jr., and E. L. Schellens. 2,000,581; May 7.
- Lubricated journal box. J. J. Hennessy. 1,988,735; Jan. 22.
- Lubricated plug valve. F. N. Bard. 2,014,463; Sept. 17.
- Lubricated plug valve. P. Carpenter. 1,992,738; Feb. 26.
- Lubricated plug valve. R. Neuhaus. 2,011,113; Aug. 13.
- Lubricated twister ring. H. B. Stuart. 1,998,973; Apr. 23.
- Lubricated valve. F. H. Morehead. 2,024,945; Dec. 17.
- Lubricating and gas saving attachment for internal combustion engines. H. F. Beeman. 2,010,473; Aug. 6.
- Lubricating and shock absorbing mechanism for motor vehicles, Combined. G. R. Siegrist. 2,003,014; May 28.
- Lubricating apparatus. A. W. Arnold. 2,012,782; Aug. 27.
- Lubricating apparatus. N. M. Aycock. 1,991,341; Feb. 12.
- Lubricating apparatus. F. S. Barks and A. P. Fox. 2,003,032; May 28.
- Lubricating apparatus. F. S. Barks, A. P. Fox and W. Z. Linders. 2,010,174; Aug. 6.
- Lubricating apparatus. J. Bystricky. 1,990,524; Feb. 12.
- Lubricating apparatus. J. Bystricky. 2,012,923; Aug. 27.
- Lubricating apparatus. J. Bystricky. 2,016,809; Oct. 8.
- Lubricating apparatus. J. Bystricky and W. Schmid. 1,996,792; Apr. 9.
- Lubricating apparatus. E. W. Davis and R. Wedeberg. 1,996,793; Apr. 9.
- Lubricating apparatus. A. P. Fox. 1,990,986; Feb. 12.
- Lubricating apparatus. A. P. Fox and F. Holmes. 2,019,299; Oct. 29.
- Lubricating apparatus. J. H. Jones. 2,024,046; Dec. 10.
- Lubricating apparatus. V. G. Klein. 2,026,132; Dec. 31.
- Lubricating apparatus. J. T. Leonard. 2,022,005; Nov. 26.
- Lubricating apparatus. M. Marthinsen. 2,020,263; Nov. 5.
- Lubricating apparatus. F. Wilkes. 2,012,843; Aug. 27.
- Lubricating apparatus, Multiple. W. Y. Brown. 2,008,850; July 23.
- Lubricating composition and making the same. C. Ellis. 2,018,758; Oct. 29.
- Lubricating composition, Extreme pressure. B. B. Farrington and R. L. Humphreys. 2,020,021; Nov. 5.
- Lubricating compounds, Solid. C. A. Miller and D. A. Smith. 2,005,553; June 18.
- Lubricating device. C. H. Bock. 2,008,574; July 16.
- Lubricating device. C. H. Bock. 2,019,289; Oct. 29.
- Lubricating device. E. G. Boden. 2,011,559; Aug. 20.
- Lubricating device. O. B. Clark. 2,022,706; Dec. 3.
- Lubricating device. O. B. Clark. 2,025,228; Dec. 24.
- Lubricating device. J. L. Creveling. 1,987,099; Jan. 8.
- Lubricating device. J. L. Creveling. 1,991,595; Feb. 19.
- Lubricating device. J. L. Creveling. 1,995,377; Mar. 26.
- Lubricating device. J. L. Creveling. 1,998,751-3; Apr. 23.
- Lubricating device. J. L. Creveling. 2,001,568; May 14.

- Lubricating device. J. L. Creveling. 2,010,139-40; Aug. 6.
- Lubricating device. J. L. Creveling. 2,025,225; Dec. 24.
- Lubricating device. J. L. Creveling. 2,025,226-7; Dec. 24.
- Lubricating device. F. C. Dannemann. 2,020,537; Nov. 12.
- Lubricating device. A. Y. Dodge. 1,989,131; Jan. 29.
- Lubricating device. A. Y. Dodge. 1,993,878; Mar. 12.
- Lubricating device. A. Y. Dodge. 1,995,380; Mar. 26.
- Lubricating device. A. Y. Dodge. 1,996,795; Apr. 9.
- Lubricating device. A. Y. Dodge. 1,999,447; Apr. 30.
- Lubricating device. A. Y. Dodge. 2,003,107; May 28.
- Lubricating device. A. Y. Dodge. 2,007,270; July 9.
- Lubricating device. A. Y. Dodge. 2,025,229; Dec. 24.
- Lubricating device. A. Y. Dodge. 2,025,232; Dec. 24.
- Lubricating device. C. C. Farmer. 2,014,887; Sept. 17.
- Lubricating device. E. G. Gartin. 2,001,717; May 21.
- Lubricating device. F. J. Hull. 1,989,451; Jan. 29.
- Lubricating device. L. R. Kerns. 2,014,180; Sept. 10.
- Lubricating device. H. Kreidel. 1,993,482; Mar. 5.
- Lubricating device. L. L. Markel. 2,014,772; Sept. 17.
- Lubricating device. W. B. D. Penniman. 2,009,323; July 23.
- Lubricating device. M. Reswick. 2,006,181; June 25.
- Lubricating device. A. C. Taylor and E. S. Du Bose. 1,997,129; Apr. 9.
- Lubricating device. H. R. Tear. 1,989,160; Jan. 29.
- Lubricating device. H. R. Tear. 1,989,719; Feb. 5.
- Lubricating device. H. R. Tear. 2,010,165; Aug. 6.
- Lubricating device. H. R. Tear. 2,016,400; Oct. 8.
- Lubricating device. H. R. Tear. 2,025,230; Dec. 24.
- Lubricating device. J. A. Watson. 2,016,405; Oct. 8.
- Lubricating device. J. A. Watson. 2,019,282; Oct. 29.
- Lubricating device and making the same. J. A. Watson. 2,025,223; Dec. 24.
- Lubricating device for compressors. J. C. McCune. 1,986,481; Jan. 1.
- Lubricating device for internal combustion motors. J. Jäderlund. 1,999,100; Apr. 23.
- Lubricating device for shafts and car wheel journal axles. E. Armstrong. 2,017,884; Oct. 22.
- Lubricating device for twister rings. W. O. Aldrich and F. K. Hendrickson. 1,986,910; Jan. 8.
- Lubricating device for valve stems. R. P. Sherman. 2,011,087; Aug. 13.
- Lubricating device, High pressure. A. Bizzarri. 1,992,952; Feb. 19.
- Lubricating installation. J. Bijur. 1,992,178; Feb. 26.
- Lubricating installation. J. Bijur. 2,007,960; July 16.
- Lubricating installation. J. Bijur. 2,009,428; July 30.
- Lubricating means. R. J. Gray. 2,000,170; May 7.
- Lubricating means. A. Von Wangenheim. 1,987,277; Jan. 8.
- Lubricating means for antifriction bearings. K. L. Herrmann. 2,014,204; Sept. 10.
- Lubricating means for internal combustion motors. C. A. Skärhund. 1,998,392; Apr. 16.
- Lubricating means for shock absorbers. B. L. Mallory. 2,024,464; Dec. 17.
- Lubricating mechanism. J. S. Baker. 2,005,724; June 25.
- Lubricating mechanism. E. A. Harper. 2,022,620; Nov. 26.
- Lubricating mechanism. S. Johnson, Jr., and W. A. Eaton. 1,987,256; Jan. 8.
- Lubricating mechanism for machine tools. J. B. Elfving. 2,010,354; Aug. 6.
- Lubricating, New process for. K. Noack. 2,015,867; Oct. 1.
- Lubricating station. W. J. Madden. 1,997,645; Apr. 16.
- Lubricating system. J. Bijur. 1,996,060; Apr. 2.
- Lubricating system. F. C. Blanchard. 1,993,588; Mar. 5.
- Lubricating system. W. J. Blanchard. 2,021,282; Nov. 19.
- Lubricating system. C. R. Burrell. 2,007,156; July 9.
- Lubricating system. H. D. Church. 1,993,359; Mar. 5.
- Lubricating system. J. F. Culp. 1,995,882; Mar. 26.
- Lubricating system. F. E. Dennison and W. D. Leonard. 2,008,581; July 16.
- Lubricating system. G. R. Ericson and D. M. Ramsay. 1,996,912; Apr. 9.
- Lubricating system. A. J. Farmer. 1,989,744; Feb. 5.
- Lubricating system. B. E. Folke. 2,007,797; July 9.
- Lubricating system. E. C. Read. 2,013,478; Sept. 3.
- Lubricating system. S. S. Roberts. 2,005,166; June 18.
- Lubricating system. J. B. Watson. 2,001,857; May 21.
- Lubricating system. H. E. Wellcome. 2,013,120; Sept. 3.
- Lubricating system. C. J. Werner, R. A. Gravitt, and A. H. Marts. 2,025,187; Dec. 24.
- Lubricating system. O. U. Zerk. 1,998,746; Apr. 23.
- Lubricating system and apparatus. J. Bijur. 1,994,460; Mar. 19.
- Lubricating system and installing the same. R. E. Petrie. 2,003,389; June 4.
- Lubricating system and method. P. Williamson, Jr. 2,002,809; May 28.
- Lubricating system and the constituent parts thereof. J. Bijur. 2,003,281; June 4.
- Lubricating system, Centralized. C. W. Manzel. 2,012,724; Aug. 27.
- Lubricating system for dough dividers. G. B. Eggert. 2,000,512; May 7.
- Lubricating system for high speed "Dry Sump" motors. G. S. Cavanaugh. 2,024,336; Dec. 17.
- Lubricating system for internal combustion engines. C. A. Winslow. 1,992,339; Feb. 26.
- Lubricating system for needle-thread take-up mechanisms. G. A. Fleckenstein. 2,009,293; July 23.
- Lubricating system for sewing machines. W. Myers. 1,998,588; Apr. 23.
- Lubricating system, High pressure automatic. M. Cozy. 1,986,390; Jan. 1.
- Lubricating system with initial splash. J. B. Watson. 2,001,858; May 21.
- Lubrication. J. Bijur. 1,988,443; Jan. 22.
- Lubrication. J. Bijur. 1,993,732; Mar. 12.
- Lubrication. J. Bijur. 1,998,437-9; Apr. 23.
- Lubrication. J. Bijur. 2,009,430; July 30.
- Lubrication. J. Bijur. 2,017,847; Oct. 22.
- Lubrication. J. Bijur. 2,025,713; Dec. 31.
- Lubrication. S. H. Caldwell. 1,993,733; Mar. 12.
- Lubrication. R. F. Onsrud. 1,991,623; Feb. 19.
- Lubrication. W. O. Wright. 2,005,766; June 25.
- Lubrication apparatus. W. Y. Brown. 2,016,888; Oct. 8.
- Lubrication apparatus, Control means for. W. Y. Brown. 2,016,889; Oct. 8.
- Lubrication, Apparatus for. H. S. Estler. 2,020,678; Nov. 12.
- Lubrication, Automatic. H. L. Hamilton. 1,987,620; Jan. 15.
- Lubrication, Central. E. H. Kocher. 2,024,233; Dec. 17.
- Lubrication, Centralized. J. Bijur. 2,009,429; July 30.
- Lubrication device. L. M. Andrews. 2,014,642; Sept. 17.
- Lubrication device. H. C. Cooper. 2,021,715; Nov. 19.
- Lubrication device. A. Y. Dodge. 1,987,002; Jan. 8.
- Lubrication device. A. Y. Dodge. 2,007,707; July 9.
- Lubrication device. W. L. Morris. 1,987,023; Jan. 8.
- Lubrication, Engine. F. T. Irgens. 1,998,723; Apr. 23.
- Lubrication fittings to receiving members, Securing. A. Y. Dodge. 2,025,224; Dec. 24.
- Lubrication installation and the elements thereof. J. Bijur. 2,017,848; Oct. 22.
- Lubrication of axle bearings. V. A. Bary. 2,014,159; Sept. 10.
- Lubrication of machinery. J. Bijur. 2,000,913; May 14.
- Lubrication, Railway and tramway rail and wheel flange. E. G. Butcher and W. E. Jupe. 2,003,242; May 28.
- Lubrication system. A. Nutt. 2,000,714; May 7.
- Lubrication system. W. E. Richard. 2,010,896; Aug. 13.
- Lubrication system, Automatic. H. W. Pitt. 1,996,080; Apr. 2.
- Lubrication system, Forced. F. Schmidt. 1,986,539; Jan. 1.
- Lubrication, System of. P. Warlop. 1,999,266; Apr. 30.
- Lubricator: See—
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| Automatic lubricator. | Progressive distributing lubricator. |
| Bearing lubricator. | |
| Flange and rail lubricator. | Rail and wheel flange lubricator. |
| Flange lubricator. | |
| Force feed lubricator. | Rail flange lubricator. |
| Journal box lubricator. | Rail lubricator. |
| Journal lubricator. | Track lubricator. |
| Mower lubricator. | Traveler ring lubricator. |
- Lubricator. F. S. Barks. 2,025,632; Dec. 24.
- Lubricator. J. R. Battle. 1,988,152; Jan. 15.
- Lubricator. K. E. Berray. 1,991,722; Feb. 19.
- Lubricator. W. S. Boehm. 2,025,637; Dec. 24.
- Lubricator. E. G. Gartin. 2,026,309; Dec. 31.
- Lubricator. A. Huguemin. 2,019,226; Oct. 29.
- Lubricator. A. Johnson. 2,011,717; Aug. 20.
- Lubricator. G. R. Kennedy. 2,016,373; Oct. 8.
- Lubricator. E. H. and J. C. Morrow. 1,991,408; Feb. 19.
- Lubricator. N. W. Morse. 2,014,113; Sept. 10.
- Lubricator. J. L. Reilly. 2,001,746; May 21.
- Lubricator. L. A. Smith and R. A. Blunck. 2,018,286; Oct. 22.
- Lubricator. G. H. Zouck. 2,025,080; Dec. 24.
- Lubricator for moving bearings, Automatic. J. S. Freebairn, Jr. 1,992,301; Feb. 26.
- Lubricator for rock drills. W. H. Elliott. 1,995,736; Mar. 26.
- Lubricator pump. W. H. Kniskern and W. W. Tuck. 1,995,125; Mar. 19.
- Lubricator valve. L. R. Kerns. 2,007,169; July 9.
- Lug box handle. C. A. Everett. 2,025,160; Dec. 24.
- Lug cap. E. B. Kramer and E. M. Enkur. 2,008,587; July 16.
- Lug cap and making same. E. B. Kramer and E. M. Enkur. 2,008,586; July 16.
- Lug strap. W. I. Bullard. 2,024,757; Dec. 17.
- Lug, Tomato. C. G. Leigh. 2,012,451; Aug. 27.
- Luggage bag. L. G. Arpin. 2,003,099-100; May 28.
- Luggage carrier. A. Levine. 2,023,962; Dec. 10.
- Luggage carrier, Automobile. B. P. Hanson. 1,998,621; July 30.
- Luggage carrier, Vacuum cup. P. Q. Williams. 2,009,721; July 30.
- Luggage, Hand. J. Peshek. 2,015,232; Sept. 24.
- Luggage, Hand. G. H. Wheary. 1,988,530; Jan. 22.
- Luggage, Hand. G. H. Wheary. 2,001,806-7; May 21.
- Luggage retainer. L. Fullen. 1,993,157; Mar. 5.
- Lumber and article made therefrom. A. Elmendorf. 2,018,712; Oct. 29.
- Lumber and insulating material, Making fibrous. W. C. Miss. 1,996,343; Apr. 2.
- Lumber carrier with front lift. G. A. Grab. 2,008,324; July 16.
- Lumber, Making synthetic. C. E. Hartford. 2,019,452; Oct. 29.
- Lumber, Metal. W. O. Sheldon. 1,997,876; Apr. 16.
- Lumber sorter. J. A. Denton. 1,986,427; Jan. 1.

- Lumber stacker. J. Knudson. 1,988,204; Jan. 15.
 Lumber, storing and dispensing. A. B. Chambers. 2,012,220; Aug. 20.
 Lumber, storing, handling, and dispensing. A. B. Chambers. 2,012,219; Aug. 20.
 Luminair. W. F. Rosenbraugh, H. J. Tait, and V. Wince. 2,011,118; Aug. 13.
 Luminescent screen. F. Michelssen. 1,988,605; Jan. 22.
 Luminescent tube. A. S. Ford. 2,009,375; July 23.
 Luminescent tube. L. T. Jones. 2,016,437; Oct. 8.
 Luminous device. S. Dobrusskin. 1,998,121; Apr. 16.
 Luminous discharge device. M. Morrison. 1,999,735; Apr. 30.
 Luminous material. J. E. Brandenberger. 1,988,476; Jan. 22.
 Luminous sign. L. H. Brady. 2,008,782; July 23.
 Luminous tube. L. L. Beck. 2,012,236; Aug. 20.
 Lunch box. J. H. Devine. 2,010,812; Aug. 13.
 Lunch box. L. F. Odendahl. 2,013,852; Sept. 10.
 Lunch outfit. C. H. Wilkes. 1,992,270; Feb. 26.
 Lure, Artificial. F. J. Pfeifle. 1,993,018; Mar. 5.
 Lure, Artificial. D. G. Riderour. 2,013,898; Sept. 10.
 Lute. J. W. Heitzel. 2,018,890; Oct. 29.
 Macadam, Preparation of bituminous. A. G. Terrey. 2,026,198; Dec. 31.
 Machine. L. R. Herndon. 2,000,079; May 7.
 Machine and making a fastening means. R. C. Lang. 2,010,674; Aug. 6.
 Machine and method for detecting pink bollworm in cotton seed. R. E. McDonald. 2,002,745; May 28.
 Machine and method for fine-grading roadbeds. R. D. Baker. 1,990,362; Feb. 5.
 Machine and method for making packing integers. J. S. McNair. 1,992,537; Feb. 26.
 Machine and method for making piston rings. E. B. Rothweiler. 2,022,154; Nov. 26.
 Machine and method for making spikes. J. H. Friedman. 2,023,636; Dec. 10.
 Machine and method for manufacturing bolts. E. R. Frost. 2,020,658; Nov. 12.
 Machine and method for use in stretching and softening leather. J. H. Connor and M. M. Merritt. 2,014,470; Sept. 17.
 Machine cooling apparatus. W. L. H. Doyle and B. G. Melin. 2,024,209; Dec. 17.
 Machine cutter, Single staying. E. E. Hearing. 1,986,633; Jan. 1.
 Machine element. A. B. Kinzel and W. Crafts. 2,018,267; Oct. 22.
 Machine elements in housings, Apparatus for use in assembling. J. E. Pagett. 1,996,170; Apr. 2.
 Machine for affixing two-part seals to string. O. Schreyer. 2,002,588; May 28.
 Machine for and method for forming protuberances on sheet metal. E. W. Carroll. 1,994,034; Mar. 12.
 Machine for and method of forming tapes. J. Wagon. 1,990,849; Feb. 12.
 Machine for and method of manufacturing bag tubes. F. G. Wikstrom. 2,001,442; May 14.
 Machine for and method of placing tuft yarns. E. F. Hathaway and W. Bixby. 2,022,858; Dec. 3.
 Machine for applying a web to a strand. C. B. Fantone and E. G. Parvin. 2,003,354; June 4.
 Machine for applying canvas to inner soles. J. A. Scott. 1,996,352; Apr. 2.
 Machine for applying fasteners to envelopes. V. E. Heywood. 2,024,763; Dec. 17.
 Machine for applying intense heat. M. J. Bergen. 2,012,335; Aug. 27.
 Machine for applying metallic fasteners to envelopes. V. E. Heywood and G. A. Anderson. 1,993,059; Mar. 5.
 Machine for applying metallic fasteners to envelopes. A. Novick. 2,015,437; Sept. 24.
 Machine for applying rubber to tires. W. B. Thurman. 1,996,129; Apr. 2.
 Machine for applying skirted caps to receptacles. A. C. Gough. 2,010,392; Aug. 6.
 Machine for applying tread rubber to tires. H. J. Woock. 2,009,643; July 30.
 Machine for assembling and filling packages into a carton or the like. C. H. Wild. 1,995,085; Mar. 19.
 Machine for assembling printed gatherings or similar objects. R. Barennes. 1,999,953; Apr. 30.
 Machine for assembling shoes. R. Gould. 1,994,216; Mar. 12.
 Machine for assembling spark plugs. H. Rabezzana. 2,003,463; June 4.
 Machine for attaching keys to containers. A. A. Trombly. 2,003,321; June 4.
 Machine for attaching soles to shoes. J. G. Herbers and B. W. Freeman. 2,020,549; Nov. 12.
 Machine for automatically producing clasp fastener strips. F. Fuchs. 1,992,367; Feb. 26.
 Machine for automatically sorting, evaluating or accounting of perforated cards. P. Mansel. 2,012,135; Aug. 20.
 Machine for automatically sorting plates or other articles according to weight. J. O. Powell. 2,003,722; June 4.
 Machine for baking pie crusts. J. E. Allen. 2,018,698; Oct. 29.
 Machine for balancing heavy bodies. A. N. Russell and H. Ulmann. 2,001,826; May 21.
 Machine for bending wire and the like. H. R. Geer. 1,987,333-4; Jan. 8.
 Machine for breaking in shoes. S. Segal. 2,007,814 July 9.
 Machine for brushing citrus or other fruits. T. W. Miller. 2,000,779; May 7.
 Machine for bunching hairpins. I. H. Peck. 1,986,523; Jan. 1.
 Machine for centrifugal casting. W. D. Sargent and W. A. Geisler. 1,992,241; Feb. 26.
 Machine for charging containers. P. E. Cate. 2,006,012; June 25.
 Machine for cleaning eggs. E. E. and V. C. Miller, and J. E. Powell. 2,018,967; Oct. 29.
 Machine for cleaning golf balls or the like. O. E. Heisser. 2,016,110; Oct. 1.
 Machine for cleaning window shades. P. F. Nardulli and M. J. Nardulli. 2,005,199; June 18.
 Machine for closing cans. A. L. Kronquest. 2,025,061; Dec. 24.
 Machine for closing the ends of collapsible tubes. J. Maniewicz. 2,010,602; Aug. 6.
 Machine for coating metallic cores with cement plaster by spiral windings, provided with devices to regulate the forming and conveying rollers and belts. A. Rocca. 2,022,009; Nov. 26.
 Machine for coiling and packaging strand material. M. J. Dempsey and F. W. Reher. 1,995,498; Mar. 26.
 Machine for coiling metal strip. M. Nigro. 1,997,197; Apr. 9.
 Machine for compressing and loading articles of flat form. P. D. Parsons. 2,006,511; July 2.
 Machine for compressing, rarefying, and transporting liquid or gaseous fluids. J. Beudels. 2,014,756; Sept. 17.
 Machine for concentrating ore. G. S. Nelson. 1,995,433; Mar. 26.
 Machine for concentrating ores and amalgamating gold ores. S. W. Lack. 1,988,500; Jan. 22.
 Machine for constructing egg flats and cushion pads. N. H. Sandberg. 1,989,293; Jan. 29.
 Machine for continuous molding of hollow rubber articles. L. J. Clayton. 2,014,468; Sept. 17.
 Machine for continuously applying glass spheres or particles to flat surfaces. J. D. McBurney and E. H. Nollau. 1,998,055; Apr. 16.
 Machine for conveying cans and the like. J. M. McClatchie. 2,023,431; Dec. 10.
 Machine for corrugating material and threading tie cords through the corrugations thereof. J. P. Morris. 2,016,290; Oct. 8.
 Machine for counting votes. C. Simek. 1,998,527; Apr. 23.
 Machine for covering electrical wires or tapes. G. Pourtier. 2,001,546; May 14.
 Machine for cutting and resharpening the reeds of wind instruments. P. Dulac. 2,003,348; June 4.
 Machine for cutting cams. L. Malkovsky. 2,008,027; July 16.
 Machine for cutting helical gears. W. E. Sykes. 2,010,970; Aug. 13.
 Machine for cutting off short lengths of flexible material, and creasing and folding the same. F. A. Squire. 2,021,614; Nov. 19.
 Machine for cutting or grinding helical gears. A. L. De Leeuw. 1,986,797; Jan. 8.
 Machine for cutting paper or the like. P. G. Schlemmer. 2,026,402; Dec. 31.
 Machine for cutting potatoes or other objects into chips or slices. G. J. Abbott. 2,004,548; June 11.
 Machine for cutting rivets. A. U. Kerns and M. B. Harvey. 1,987,957; Jan. 15.
 Machine for cutting roller blanks. K. L. Herrmann. 2,020,837; Nov. 12.
 Machine for cutting, shaping, and beveling watch crystals and the like. J. Shiffman. 1,991,231; Feb. 12.
 Machine for cutting thin leaves. W. Markert. 2,006,107; June 25.
 Machine for delivering sheets. H. Kurth. 2,024,583; Dec. 17.
 Machine for delivering tape. C. G. Mortimer. 2,009,702; July 30.
 Machine for depositing dough pieces in pans. J. E. Poin-ton and L. S. Harber. 2,008,036; July 16.
 Machine for dissolving xanthate and the like. E. Schmierer. 1,990,960; Feb. 12.
 Machine for dividing plastic material. R. R. Peele. 1,990,500; Feb. 12.
 Machine for drawing threads from fabrics. J. Ollendorff. 2,002,414; May 21.
 Machine for dressing revolving grinding wheels. H. F. Atkins. 1,996,396; Apr. 2.
 Machine for drilling railroad ties. W. B. Bronander. 1,995,168; Mar. 19.
 Machine for driving spikes in railroad ties. W. B. Bronander. 2,021,170; Nov. 19.
 Machine for driving tubes into heels. F. T. Gentile. 2,022,763; Dec. 5.
 Machine for drying sheet material. C. B. Norris. 2,007,833; July 9.
 Machine for dusting sheet materials. G. and C. Smith. 2,003,267; May 28.
 Machine for edging glass sheets. W. Owen. 2,021,198; Nov. 19.
 Machine for electrically heating metal articles. P. R. Hoopes. 2,016,369; Oct. 8.
 Machine for enclosing letters in envelopes. H. Clare. 2,019,211-12; Oct. 29.

- Machine for equipping wired box parts with fastening means. A. L. Rosenmund and G. P. Igleheart. 2,024,188; Dec. 17.
- Machine for fabricating containers. J. M. Driver. 1,993,052; Mar. 5.
- Machine for fabricating long stock at successive linear portions. J. H. Roberts. 2,007,345; July 9.
- Machine for fabricating radiator cores. M. G. Boerger. 1,996,566; Apr. 2.
- Machine for fabricating radiator cores. M. G. Boerger. 2,006,383; July 2.
- Machine for fashioning articles successively from bar stock. C. A. Rich. 1,986,855; Jan. 8.
- Machine for filling bags. A. C. Brown. 2,008,896; July 23.
- Machine for finishing armor plate piercing shells. V. Flagiello. 2,018,123; Oct. 22.
- Machine for faring glass articles. H. R. Schutz. 2,001,436; May 14.
- Machine for flanging sheet-metal plates. X. Sonntag. 1,990,255; Feb. 5.
- Machine for folding and classifying towels, etc. J. E. Preston. 2,025,246; Dec. 24.
- Machine for folding carton blanks. F. J. Burrow. 2,017,583; Oct. 15.
- Machine for forging hollow metal blanks. E. Giachino. 2,017,310; Oct. 15.
- Machine for forming automobile frames and the like. W. F. Heineman. 2,022,912; Dec. 3.
- Machine for forming bent wire clips or rings. A. H. Binch. 1,999,923; Apr. 30.
- Machine for forming egg flats. N. H. Sandberg. 2,025,179; Dec. 24.
- Machine for forming gears and the like. J. C. Chapman and F. Müller. 1,986,793; Jan. 8.
- Machine for forming glass bottles or similar blown glass articles. A. N. Cramer. 1,986,918; Jan. 8.
- Machine for forming glass lens blanks. A. N. Cramer. 1,986,917; Jan. 8.
- Machine for forming glass lens blanks. A. N. Cramer. 2,023,781; Dec. 10.
- Machine for forming hollow glass articles. A. N. Cramer. 2,016,362; Oct. 8.
- Machine for forming hollow glass articles. W. H. Watkins and C. C. Kinker. 2,017,998; Oct. 22.
- Machine for forming loops in bound box wires. T. Vaile and F. E. Vonderahe. 2,007,030; July 2.
- Machine for forming offsets in springs. P. Gritz. 1,993,162; Mar. 5.
- Machine for forming roller blanks. K. L. Herrmann. 2,014,203; Sept. 10.
- Machine for forming tumblers and other glass articles. A. N. Cramer. 2,016,360; Oct. 8.
- Machine for forming window channels. B. L. Prentice. 2,007,614; July 9.
- Machine for forming wire fabric. A. E. Blasbill. 1,996,061; Apr. 2.
- Machine for glazing glassware. C. W. Davis. 2,024,818; Dec. 17.
- Machine for goffering lenticulated films. J. Thiry. 1,994,054; Mar. 12.
- Machine for grinding shuttle points. E. Le Blanc. 1,993,064; Mar. 5.
- Machine for grinding springs. H. P. Troendly. 1,992,452; Feb. 26.
- Machine for handling mine cuttings. R. W. Shultz and H. A. Stevens. 1,999,261; Apr. 30.
- Machine for handling strip material. G. Schaefer, Jr. 2,001,113; May 14.
- Machine for honing and polishing crank shafts. W. F. Egger. 1,993,543; Mar. 5.
- Machine for hot-forging, press and die-casting of metals. B. Sachs. 2,015,462; Sept. 24.
- Machine for incorporating ash-retaining elements in cigars and cigarettes. F. Müller. 1,995,622; Mar. 26.
- Machine for inserting and removing boiler tubes. G. Wagner. 2,013,933; Sept. 10.
- Machine for inserting bristles in ferrules. A. Steidle. 2,015,326; Sept. 24.
- Machine for inserting collars in metal cans. A. L. Kronquest. 2,011,490; Aug. 13.
- Machine for inserting fastenings. G. Goddu. 2,006,452; July 2.
- Machine for joining upholstery springs. C. D. Gilmore. 2,015,927; Oct. 1.
- Machine for jointing the insulation of cable cores. F. S. Malm. 1,987,963; Jan. 15.
- Machine for knurling or forming teeth in axles. C. A. Adams and G. F. Owens. 2,006,832; July 2.
- Machine for laying a knot. F. Goldberger. 2,009,491; July 30.
- Machine for lettering hat bands and the like. B. B. Kendig. 2,007,110; July 2.
- Machine for leveling and shaping roads. A. F. Reis. 1,994,437; Mar. 12.
- Machine for maintaining constant moisture content in a granular material. P. K. Fisher and J. H. Wichtner. 2,016,920; Oct. 8.
- Machine for making bale ties. A. F. Bradley. 1,992,286; Feb. 26.
- Machine for making barrels. W. F. Newhouse. 1,999,821; Apr. 30.
- Machine for making barrels. W. F. Newhouse. 2,000,569; May 7.
- Machine for making bats of fibrous material. P. T. Jackson. 1,999,169; Apr. 23.
- Machine for making bituminous emulsion. L. R. MacKenzie. 1,988,950; Jan. 22.
- Machine for making bituminous emulsions. J. L. Barnes. 2,015,056; Sept. 24.
- Machine for making blown hollow glassware. A. N. Cramer. 1,986,919; Jan. 8.
- Machine for making boiler cleaning nozzles. J. Staempfli. 2,006,283; June 25.
- Machine for making bolts and the like. W. L. Clouse. 1,994,242; Mar. 12.
- Machine for making braided brake linings. S. B. Blaisdell. 2,018,596; Oct. 22.
- Machine for making burners. C. L. Hardwick. 2,022,857; Dec. 3.
- Machine for making buttons and like articles. E. Clemens. 2,019,072; Oct. 29.
- Machine for making chemical asbestos. C. C. Whittier. 2,018,478; Oct. 22.
- Machine for making containers. P. G. Schlemmer. 2,026,403; Dec. 31.
- Machine for making corrugated paper board. G. W. Swift, Jr. 2,018,240; Oct. 22.
- Machine for making crate sides. W. F. Newhouse. 2,019,990; Nov. 5.
- Machine for making envelopes and the like. A. Potdevin. 2,009,857; July 30.
- Machine for making friction elements. H. N. Smith. 2,012,833; Aug. 27.
- Machine for making frozen confections. R. C. Underwood. 1,992,135; Feb. 19.
- Machine for making ice cubes. E. E. Fowler. 2,024,517; Dec. 17.
- Machine for making metal wool. L. Peterson. 2,001,940; May 21.
- Machine for making nuts. L. A. Frayer. 2,015,595; Sept. 24.
- Machine for making paper bags. H. Haskell. 2,014,497; Sept. 17.
- Machine for making paper bottles. A. Bodor. 2,022,309; Nov. 26.
- Machine for making paper box blanks. C. Eisenlohr and J. Hren. 2,022,371; Nov. 26.
- Machine for making pasteboard boxes. J. H. Stortz. 2,020,973; Nov. 12.
- Machine for making plant protectors. W. R. Schindler. 2,005,326; June 18.
- Machine for making plated metal-foil capsules. O. J. Bruun. 2,017,054; Oct. 15.
- Machine for making potato chips. G. F. Goodman, Jr. 2,024,353; Dec. 17.
- Machine for making printing plates or stencils. P. J. E. Glogaud and P. A. Souze. 2,022,498; Nov. 26.
- Machine for making records on statistical cards. F. G. S. English. 1,987,395; Jan. 8.
- Machine for making sandwich biscuits. R. J. Couture. 2,018,950; Oct. 29.
- Machine for making serum phials. Automatic. L. L. Comoy. 2,002,432; May 21.
- Machine for making sheet metal containers. F. E. Adams and L. F. Gee. 1,990,579; Feb. 12.
- Machine for making shingles. J. A. Scharwath. 2,001,399; May 14.
- Machine for making springs. A. F. Prange. 2,002,754; May 28.
- Machine for making stovepipe casing. H. U. Baker. 2,007,996; July 16.
- Machine for making tumblers. A. N. Cramer. 2,016,361; Oct. 8.
- Machine for making various sized crate heads. H. E. Twomey. 1,994,798; Mar. 19.
- Machine for making wire rope or the like. J. P. Barclay. 1,998,430; Apr. 23.
- Machine for manufacture of pipes. L. Billé. 2,001,237; May 14.
- Machine for manufacturing cable. H. G. Knoderer and G. Carlson. 1,988,950; Jan. 22.
- Machine for manufacturing cigars. A. Krämer. 2,025,415; Dec. 24.
- Machine for manufacturing lock nuts. G. A. Tilshier and S. C. Dickerhoff, Jr. 1,988,096; Jan. 15.
- Machine for manufacturing moistureproof cable coverings. G. Zapf. 2,003,673; June 4.
- Machine for manufacturing window envelopes. A. Winkler and M. Dünnebie. 2,008,236; July 16.
- Machine for manufacturing wood heels for shoes. A. F. Howe. 2,026,040; Dec. 31.
- Machine for manufacturing wood heels for shoes. A. F. Howe. 2,026,042; Dec. 31.
- Machine for manufacturing zip fasteners. L. M. Schune. 2,023,648; Dec. 10.
- Machine for measuring and machining underframes of vehicles, especially railway bogies. L. Müller. 2,008,083; July 16.
- Machine for measuring strip materials. H. H. S. Petersen. 1,987,970; Jan. 15.
- Machine for mixing concrete and other granular materials. N. Harrison. 1,996,543; Apr. 2.
- Machine for mixing concrete and other granular materials. N. Harrison. 1,997,519; Apr. 9.
- Machine for moistening cloth. D. Gessner. 2,017,455; Oct. 15.
- Machine for molding glass articles. R. G. Allen. 1,986,912; Jan. 8.

- Machine for molding glass articles. V. E. Hofmann. 2,018,021; Oct. 22.
- Machine for molding plastic materials. J. M. McClatchie. 2,010,524; Aug. 6.
- Machine for operating on heel blanks. A. F. Howe. 2,026,041; Dec. 31.
- Machine for operating on needles. J. Baxter and W. Tivendale. 2,009,287; July 23.
- Machine for operating on soles. C. G. Wernmark. 1,987,809; Jan. 15.
- Machine for operating upon articles assembled from adhesive materials. M. S. Cate. 2,005,888; June 25.
- Machine for operating upon hides, skins, and leather. P. Niessen. 1,996,877; Apr. 9.
- Machine for operating upon hides, skins, and pieces of leather. H. A. Ballard. 1,992,175; Feb. 26.
- Machine for operating upon sheet material. M. H. Ballard. 1,992,936; Mar. 5.
- Machine for operating upon sheet material. R. W. Cummings. 2,015,066; Sept. 24.
- Machine for operating upon sheet material. H. F. Smith. 2,025,133; Dec. 24.
- Machine for operating upon sheet material. E. W. Stacey. 1,996,127; Apr. 2.
- Machine for operating upon sheet metal. M. H. Ballard and D. G. McLean. 2,021,138; Nov. 19.
- Machine for operating upon shoe parts. G. Hazelton. 2,021,958; Nov. 26.
- Machine for operating upon shoes. A. R. Morrill. 2,005,104; June 18.
- Machine for operating upon soles. J. H. Smith. 1,993,119; Mar. 5.
- Machine for operating upon the soles of shoes. J. L. Jones. 2,015,146; Sept. 24.
- Machine for operating upon warps. B. A. Peterson. 2,011,115; Aug. 13.
- Machine for packaging cigarettes, cigars, little cigars and other rod-shaped articles. G. Orström. 1,986,215; Jan. 1.
- Machine for packaging plastic material. J. M. McClatchie. 2,010,523; Aug. 6.
- Machine for packing nutrient fats. C. Drohmann and K. Munz. 2,019,002; Oct. 29.
- Machine for papering houses, etc., and for washing windows. T. P. Greene. 2,002,633; May 28.
- Machine for paving highways. A. W. French. 2,002,661; May 28.
- Machine for peeling tomatoes. A. Denner and P. Keiner. 1,992,995; Mar. 5.
- Machine for perforating sheet material. W. T. Miller. 2,011,645; Aug. 20.
- Machine for polishing wire stock. J. E. Batie. 1,991,485; Feb. 19.
- Machine for preparing insoles for reenforcing. R. I. Butts. 1,986,791; Jan. 8.
- Machine for pressing and shaping points of collar tops. G. J. Dormandy. 1,992,162; Feb. 19.
- Machine for pressing poultry food and other plastic mixtures. H. Zwart. 2,007,104; July 2.
- Machine for pressing shoe soles. A. Y. Chavoor. 2,004,309; June 11.
- Machine for printing floor and wall coverings. T. Pesci. 1,997,652; Apr. 16.
- Machine for printing tables. G. Tauschek. 1,997,156; Apr. 9.
- Machine for processing material and method of controlling the operation thereof. T. A. Bryson. 2,024,424; Dec. 17.
- Machine for producing a twisted edge along the one side of a length of crepe paper. O. V. Jönsson. 1,995,677; Mar. 26.
- Machine for producing flexible shafting. L. H. Morin. 2,006,174; June 25.
- Machine for producing gears. O. F. Bauer and W. R. Carpenter. 2,000,209; May 7.
- Machine for producing gears. L. O. Carlsen. 2,000,215; May 7.
- Machine for producing gears. R. S. Condon. 2,006,790; July 2.
- Machine for producing pin tickets. R. E. Fleming. 2,021,596; Nov. 19.
- Machine for producing wadding. R. L. Loomis. 1,989,455; Jan. 29.
- Machine for punching jacquard cards. H. Ghilardi. 2,023,831; Dec. 10.
- Machine for reclaiming yarn from knitted fabric. H. Westkott. 2,003,777; June 4.
- Machine for reducing heel-breast covering flaps. L. J. Bazzoni. 1,993,293; Mar. 5.
- Machine for removing floor coverings. W. E. Overell. 2,005,630; June 18.
- Machine for removing soles from lasts. C. C. Abbott and L. A. Gilbert. 2,026,411; Dec. 31.
- Machine for removing shoes from lasts. B. W. Freeman and J. G. Herbers. 2,019,300; Oct. 29.
- Machine for removing water from wood pulp, cellulose, and the like. O. Qviller. 1,995,011; Mar. 19.
- Machine for rolling metal. W. S. Wilkins. 2,023,656; Dec. 10.
- Machine for roughing shoe parts. C. G. Brostrom. 2,002,522; May 28.
- Machine for scoring metal containers or parts thereof. I. Newman. 2,017,103; Oct. 15.
- Machine for sealing wire in a wooden member. J. D. Coughlin. 2,018,839; Oct. 29.
- Machine for separating the contents of eggs. G. Weiss. 2,018,044; Oct. 22.
- Machine for setting projectile fuses. A. Gietmann. 1,997,516; Apr. 9.
- Machine for sewing fabric to umbrella tips. M. M. Scharf. 1,994,406; Mar. 12.
- Machine for shaping herringbone gears. E. R. Fellows. 1,998,835; Apr. 23.
- Machine for shaping shoe uppers. A. Bates. 2,000,912; May 14.
- Machine for shaping shoe uppers. E. A. Holmgren. 2,008,072; July 16.
- Machine for shaping shoe uppers. J. C. Jorgensen. 2,001,732; May 21.
- Machine for shaping shoe uppers. F. N. La Chapelle. 2,024,171; Dec. 17.
- Machine for shaping uppers over lasts. H. E. Elliott and F. C. Choice. 1,996,103; Apr. 2.
- Machine for shaping uppers over lasts. B. Jorgensen. 1,990,492; Feb. 12.
- Machine for shaping uppers over lasts. J. C. Lisbon, Sr. 2,020,422; Nov. 12.
- Machine for shaping uppers over lasts. C. F. Pym. 2,026,099; Dec. 31.
- Machine for skiving shoes and soles. O. W. Bodie. 1,986,133; Jan. 1.
- Machine for slitting covers attached to heels. N. H. Knowlton. 2,005,040; June 18.
- Machine for slitting meat. J. P. Spang. 1,986,073-6; Jan. 1.
- Machine for slitting the face of nuts. R. A. MacDonald. 2,022,864; Dec. 3.
- Machine for slitting welts. A. J. Beford. 2,002,486; May 28.
- Machine for slushing sheets of pulp. W. T. Doyle, and T. J. and L. H. Sturtevant. 1,999,402; Apr. 30.
- Machine for sowing tobacco seed or the like. E. Cobb. 2,026,460; Dec. 31.
- Machine for splitting soles. C. E. Johnson. 1,992,952; Mar. 5.
- Machine for spot-welding on metal. H. D. Randall. 1,999,617; Apr. 30.
- Machine for stacking and drying can heads. P. Kruse. 1,993,554; Mar. 5.
- Machine for straightening rods or pipes. T. W. Hartley. 2,016,038; Oct. 1.
- Machine for stretching hat blanks. G. W. Cumming. 2,008,638; July 16.
- Machine for surface treating shoe parts. C. G. Brostrom. 1,989,078; Jan. 29.
- Machine for surface treating shoe parts. C. G. Brostrom. 2,008,059; July 16.
- Machine for surfacing printing-face-equipped bodies. A. H. Hedly. 1,998,193; Apr. 16.
- Machine for surfacing reeds. F. Crossman and W. C. Sutton. 2,020,049; Nov. 5.
- Machine for testing automobile radiators. J. A. Hussar. 2,018,403; Oct. 22.
- Machine for testing lasts. G. Clausung. 2,013,458; Sept. 3.
- Machine for testing metals and other solid materials. A. R. Arthuis. 2,018,593; Oct. 22.
- Machine for testing the accuracy of curved surfaces. O. G. Simmons. 1,994,256; Mar. 12.
- Machine for testing threads. P. Paume. 2,018,971; Oct. 29.
- Machine for the delivery of tokens. R. Monheim. 2,019,268; Oct. 29.
- Machine for the guidance of tools, and more particularly of fusing burners. A. Schmidt. 2,017,475; Oct. 15.
- Machine for the introduction of insertions into bottle caps. A. J. Jonsson. 1,994,856; Mar. 19.
- Machine for the manufacture of bottles, flagons, and other hollow glass objects. E. Roirant. 2,021,670; Nov. 19.
- Machine for the manufacture of paper containers. E. H. Jähne. 1,995,455; Mar. 26.
- Machine for the manufacture of pipes or the lining thereof with cementitious materials. E. H. Bishop. 2,015,001; Sept. 17.
- Machine for the manufacture of shoes with rubber soles. G. B. Laura. 1,995,429; Mar. 26.
- Machine for the molding of tiles and the like. W. G. McCombe. 2,019,428; Oct. 29.
- Machine for the separation of gold or other concentrate from sand or other material. M. Schiunk. 2,022,926; Dec. 3.
- Machine for threading can covers. J. M. Mothersall. 2,019,493; Nov. 5.
- Machine for treating fabrics. H. L. Galson. 1,989,977; Feb. 5.
- Machine for treating bags. L. T. Bromfield. 2,000,507; May 7.
- Machine for treating gravel, sand and like materials. W. L. Wettlaufer. 2,004,965; June 18.
- Machine for treating hides, skins, leather, and other similar piece of work. K. Rausch. 2,000,148; May 7.
- Machine for treating material. O. C. Schmidt. 2,018,618; Oct. 22.
- Machine for treating shoe parts. G. Goddu. 1,994,469; Mar. 19.
- Machine for trimming and molding heel covers. N. H. Knowlton. 2,009,553; July 30.
- Machine for trimming pies. G. S. Frost. 2,021,597; Nov. 19.

- Machine for trimming wall paper. A. K. Gast. 1,995,026; Mar. 19.
- Machine for turning lasts and the like irregular forms. H. W. Sprague. 1,993,632; Mar. 5.
- Machine for turning storage battery plates from horizontal to vertical position. E. W. Smith. 2,006,844; July 2.
- Machine for turning the points of collar tops. G. J. Dormandy. 1,992,163; Feb. 19.
- Machine for twisting doughy substances. H. E. Smith. 1,998,560; Apr. 23.
- Machine for twisting metal wires. K. J. Jensen. 1,998,582; Apr. 23.
- Machine for uniting knit fabrics. G. Keyser. 2,022,377; Machine for unloading cotton seed and other commodities. H. and J. E. Phelps. 2,013,477; Sept. 3.
- Machine for unwinding wire in which the unwinding coil is driven from a particular source of motion. R. Zschach. 2,006,819; July 2.
- Machine for use in manufacturing shoes. H. Hallam. 1,991,458; Feb. 19.
- Machine for use in the manufacture of cordage. K. R. Shaw. 2,018,327; Oct. 22.
- Machine for use in the manufacture of shoes. G. P. S. Cross. 1,993,597; Mar. 5.
- Machine for use in the manufacture of shoes. R. H. Lawson. 1,999,298; Apr. 30.
- Machine for use in the manufacture of shoes. A. R. Morrill. 2,003,512; June 4.
- Machine for use in the manufacture of shoes. E. J. Ray. 2,009,563; July 30.
- Machine for use in treating hides, skins, leather, and other similar pieces of work. M. M. Merritt. 2,015,755; Oct. 1.
- Machine for washing and blanching spinach and other vegetables. R. A. Mills. 2,013,522; Sept. 3.
- Machine for weighing and packing pulverulent material. K. Middelboe and N. Nielsen. 2,022,867; Dec. 3.
- Machine for winding field coils. J. M. Slabey. 2,026,365; Dec. 31.
- Machine for winding pirns or spools of yarns or threads. N. Walton and J. Davy. 2,011,429; Aug. 13.
- Machine for working cement concrete. C. Jackson. 1,988,315; Jan. 15.
- Machine for wrapping and boxing articles. J. Van Buren. 1,993,389; Mar. 5.
- Machine for wrapping candy and inserting sticks into the candy. W. H. Sergeant. 2,014,593; Sept. 17.
- Machine for wrapping fruits, etc. H. L. Roberts. 2,009,241; July 23.
- Machine member or other parts by power means, an exact distance or to an exact position, Device for moving a. J. E. Doran, J. M. Walter, and F. E. Cardullo. 2,007,180; July 9.
- Machine of the torus type. J. Dedieu. 1,999,752; Apr. 30.
- Machine or apparatus for threading buttons on to a wire or wires or the equivalent. V. J. Clarkson. 2,004,464; June 11.
- Machine plates. Preparation of talking. A. O. Thomae. 2,004,400; June 11.
- Machine regulation. Dynamo-electric. N. Wilkinson. 1,988,288; Jan. 15.
- Machine set composed of two engines and a driven machine. F. Gossiau. 2,002,316; May 21.
- Machine table insert. H. E. Tautz. 2,020,222; Nov. 5.
- Machine to countersink twenty holes in a wheel hub shell for short spokes. H. Tormyn and F. F. Wiethoff. 1,995,485; Mar. 26.
- Machine to rivet bolt flange in hub shell. H. Tormyn and F. F. Wiethoff. 1,995,486; Mar. 26.
- Machine to rivet twenty long spokes with hub and rim together. H. Tormyn and F. F. Wiethoff. 1,995,488; Mar. 26.
- Machine to rivet twenty short spokes with hub and rim together. H. Tormyn and F. F. Wiethoff. 1,995,487; Mar. 26.
- Machine to roll press leather. W. S. Shaw. 1,990,005; Feb. 5.
- Machine tool. C. R. Alden. 2,000,553; May 7.
- Machine tool. C. A. Birkebak. 2,025,706; Dec. 31.
- Machine tool. R. S. Brown. 2,006,496; July 2.
- Machine tool. E. P. Burrell. 2,009,354; July 23.
- Machine tool. H. J. Caldwell. 1,999,180; Apr. 30.
- Machine tool. L. C. Cole. 1,997,810; Apr. 16.
- Machine tool. L. A. Dumser. 1,988,267; Jan. 15.
- Machine tool. L. A. Dumser and O. W. Floody. 2,002,938; May 28.
- Machine tool. H. Ernst and L. F. Nenninger. 2,010,355; Aug. 6.
- Machine tool. G. Gorton. 1,989,007; Jan. 22.
- Machine tool. G. Gorton, III. P. M. Henkes and G. Horner. 2,005,696; June 18.
- Machine tool. G. T. Huxford, F. E. Stratton and P. G. Heinemann. 2,021,066; Nov. 12.
- Machine tool. R. I. Martin. 2,015,685; Oct. 1.
- Machine tool. I. O. Miner and A. F. Bennett. 2,011,068; Aug. 13.
- Machine tool. E. K. Morgan. 2,017,865; Oct. 22.
- Machine tool. F. A. Parsons. 2,016,555; Oct. 8.
- Machine tool. L. F. Poock and W. C. Powell. 2,018,088; Oct. 22.
- Machine tool. C. H. Schurr and H. C. Warner. 1,988,424; Jan. 15.
- Machine tool. F. A. Statz. 2,025,536; Dec. 24.
- Machine tool. G. D. Sundstrand. 2,011,836; Aug. 20.
- Machine tool. O. Tweit. 1,994,879; Mar. 19.
- Machine tool. R. C. Weishampel. 1,989,835; Feb. 5.
- Machine tool. E. B. Wiley. 1,990,509; Feb. 12.
- Machine tool. Dual pattern controlled. B. Sassen. 1,999,787; Apr. 30.
- Machine tool. Fluid pressure operated. W. H. Foster. 2,008,012; July 16.
- Machine tool. Hydraulically propelled. H. Ernst and L. F. Nenninger. 2,019,486; Nov. 5.
- Machinery. F. N. Dubuc. 2,006,130; June 25.
- Machinery base. F. G. Rose. 2,015,412; Sept. 24.
- Machines. Apparatus for cleaning. W. B. Hodge and C. L. Lytton. 2,011,763; Aug. 20.
- Machines for packing flat packets and the like. M. Paridon. 2,006,147; June 25.
- Machines for spinning and doubling cotton and other fibrous substances. Operating ring flyers in. W. Whiteley. 1,993,906; Mar. 12.
- Machines having rotary parts. Cooling of. G. Steiner. 1,999,308; Apr. 30.
- Machines. Means for controlling. H. H. Geffcken and H. R. Richter. 1,998,132; Apr. 16.
- Machining process. R. H. Cramer and J. G. Morrell. 1,994,754; Mar. 19.
- Magazine. Adjustable. C. D. Ryan. 1,987,803; Jan. 15.
- Magazine and handling mechanism. Band, stamp or, label. C. G. Maxwell. 2,018,373; Oct. 22.
- Magazine control mechanism. A. A. Gordon and W. M. Wattie. 1,990,280; Feb. 5.
- Magazine exchanging device for typographical machines. H. R. Freund. 1,988,417; Jan. 15.
- Magazine. Film. E. W. Beekman. 2,009,869; July 30.
- Magazine. Film. A. Kindelmann and J. Pearlman. 2,022,353; Nov. 26.
- Magazine. Film. H. A. Sauer. 2,008,994; July 23.
- Magazine for automatic loading firearms. Box. F. Herlach and T. Rakula. 2,014,177; Sept. 10.
- Magazine for rubber erasers. P. E. Stamm. 1,999,425; Apr. 30.
- Magazine for the automatic feeding of objects. M. Birkigt. 2,011,889; Aug. 20.
- Magazine storage rack. H. R. Freund. 2,021,114; Nov. 12.
- Magazines of firearms. Retaining device for interchangeable. F. Linder. 1,992,380; Feb. 26.
- Magnet extract and obtaining it. S. K. Livingston. 2,022,890; Dec. 3.
- Magnesia and making the same. High-pressure brick containing. H. Heuer. 1,992,482; Feb. 26.
- Magnesia refractory. F. A. Harvey and R. E. Birch. 2,026,088; Dec. 31.
- Magnesium alloys. Rolling extruded. J. E. Hoy. 2,023,366; Dec. 31.
- Magnesium and magnesium alloys prior to casting, and flux therefor. Melting and/or refining of. L. G. Day. 2,004,689; June 11.
- Magnesium articles. Treating. J. A. Gann and W. H. Gross. 1,992,205; Feb. 26.
- Magnesium base alloy. R. T. Wood. 2,006,565; July 2.
- Magnesium carbonate. Making. W. H. MacIntire. 2,003,208; May 28.
- Magnesium carbonate. Obtaining. H. E. Stump. 1,988,524; Jan. 22.
- Magnesium chloride. Apparatus for producing anhydrous. W. Moschel. 2,024,242; Dec. 17.
- Magnesium chloride from calcium chloride. Producing. E. O. Barstow, S. B. Heath and F. R. Minger. 2,013,334; Sept. 3.
- Magnesium chloride. Producing. J. S. Laird. 2,019,265; Oct. 29.
- Magnesium hydroxide. Making. W. H. MacIntire. 1,986,509; Jan. 1.
- Magnesium iron and steel. Manufacturing. H. Kamura. 2,026,390; Dec. 31.
- Magnesium. Producing substantially pure. F. Hansgirt. 2,003,487; June 4.
- Magnesium. Producing substantially pure. F. Hansgirt. 2,022,282; Nov. 26.
- Magnesium. Production of metallic. F. Hansgirt. 2,025,740; Dec. 31.
- Magnesium products. Manufacture of. W. H. Farnsworth and M. Montgomery. 2,021,501; Nov. 19.
- Magnesium. Treating. J. A. Gann and W. H. Gross. 1,992,204; Feb. 26.
- Magnesium vapor. Apparatus for condensing. F. R. Kemmer. 2,018,266; Oct. 22.
- Magnesium vapor. Condensing. F. R. Kemmer. 2,018,265; Oct. 22.
- Magnet. Alternating current. R. A. Andrews. 2,009,188; July 23.
- Magnet and manufacturing same. Permanent. Y. Kato and T. Takei. 1,997,193; Apr. 9.
- Magnet controlled switch. H. Hubbell, Jr. 2,004,114; June 11.
- Magnet cores free from leakage. Producing. H. Vogt. 2,011,697; Aug. 20.
- Magnet. Pencil flash light. N. C. Plutino. 1,997,231; Apr. 9.
- Magnet system for microphones, loud speakers, or similar devices. Electrodynamic. R. Vermeulen and A. T. van Urk. 2,006,847; July 2.
- Magnetic bodies. Production of finely divided. W. Ehlers. 1,991,143; Feb. 12.
- Magnetic control device. M. J. Johnson. 2,014,194; Sept. 10.

- Magnetic core. J. C. Granfield. 1,992,822; Feb. 26.
 Magnetic coupling. J. L. Hope. 1,989,984; Feb. 5.
 Magnetic flux generation and magnetic testing. P. C. Hermann. 2,023,228; Dec. 3.
 Magnetic from non-magnetic material, Apparatus for removing. R. E. Crockett. 2,003,430; June 4.
 Magnetic material. G. A. Kelsall. 2,002,696; May 28.
 Magnetic material and method of treatment. O. Dahl and J. Pfaffenberger. 1,987,468; Jan. 8.
 Magnetic material and process for the production. F. Duftschmid. 2,006,987; July 2.
 Magnetic material and treating. R. M. Bozorth and J. F. Dillinger. 2,002,689; May 28.
 Magnetic material and treatment thereof. V. E. Legg, E. Peterson, and L. R. Wrathall. 1,998,840; Apr. 23.
 Magnetic material, Testing and arranging. W. H. Armacost. 2,024,560; Dec. 17.
 Magnetic means and method for testing welded joints. A. S. Dysart. 2,010,813; Aug. 13.
 Magnetic means for controlling an electric arc. J. O. Armstrong. 1,995,560; Mar. 26.
 Magnetic piling and unpling apparatus. E. E. Moore. 2,015,809; Oct. 1.
 Magnetic relay. G. B. Tjoflat. 1,993,633; Mar. 5.
 Magnetic switch. J. H. Pengilly, R. P. Snoke, and L. G. Maechten. 1,995,896; Mar. 26.
 Magnetic system. P. G. Edwards. 1,995,449; Mar. 26.
 Magnetic testing apparatus. J. A. Sams and C. D. Moriarty. 2,007,772; July 9.
 Magnetic testing apparatus and method. S. Specht. 2,005,011; June 18.
 Magnets, Making permanent. H. T. Faus. 1,989,551; Jan. 29.
 Magneto. L. Beeh and J. F. Martin. 2,013,335; Sept. 3.
 Magneto. W. F. Borgerd and C. A. Uherek. 1,999,030; Apr. 23.
 Magneto. H. G. Cox. 2,006,792; July 2.
 Magneto. R. C. Guthrie. 2,009,228; July 23.
 Magneto. L. P. Kongsted. 2,007,373; July 9.
 Magneto. M. E. Spohn. 2,015,091; Sept. 24.
 Magneto. M. E. Spohn. 2,015,697; Oct. 1.
 Magneto, Convertible. L. S. Dunham and A. F. Robertson. 1,988,724; Jan. 22.
 Magneto electric ignition apparatus. J. Bohli. 1,993,826; Mar. 12.
 Magneto-electric machine. J. Bohli and G. Steiner. 1,993,824-5; Mar. 12.
 Magneto-electric machine. W. Bradford. 2,016,982; Oct. 8.
 Magneto generator. L. Griffiths. 2,024,161; Dec. 17.
 Magneto generator. E. B. Nowosielski. 2,020,078; Nov. 5.
 Magneto rotor construction. C. F. Reis. 1,988,570; Jan. 22.
 Magneto with rotating magnets. L. Beeh. 1,996,948; Apr. 9.
 Magnetostrictive receiver. G. W. Pierce. 2,014,413; Sept. 17.
 Magnifying attachment for slide rules. H. P. Clausen. 2,005,362; June 18.
 Magnifying device. W. E. Mathl. 2,011,945; Aug. 20.
 Magnifying device for scales. E. A. Reussenzehn. 1,987,245; Jan. 8.
 Mail advertising device. W. W. Hoke. 2,005,859; June 25.
 Mail and express, Apparatus for collecting air. H. P. Trusty. 2,017,081; Oct. 15.
 Mail bag lock. E. E. Joy. 1,988,358; Jan. 15.
 Mail box. G. Anderson. 1,994,186; Mar. 12.
 Mail box and the like. J. Schlenker. 1,990,003; Feb. 5.
 Mail box, Electric. A. C. Torstenson. 2,006,907; July 2.
 Mail box, Extensible. H. Steen. 1,992,640; Feb. 26.
 Mail box signal. W. L. Dysart. 1,986,922; Jan. 8.
 Mail covering. A. W. MacKinnon. 1,988,908; Jan. 22.
 Mail covering and mailing record strip. A. W. MacKinnon. 1,988,909; Jan. 22.
 Mail distributor. O. L. Smith. 2,006,486; July 2.
 Mailing piece, Return. M. B. Kovnat. 1,995,183; Mar. 19.
 Mains and pipes and inserting and removing such plugs, Method of and apparatus for drilling and plugging. F. H. Mueller. 1,996,345; Apr. 2.
 Mandible developer. C. O. Edwards. 1,990,225; Feb. 5.
 Mandrel. R. T. Gillette. 2,004,787; June 11.
 Mandrel. W. A. Kelsey. 1,987,830; Jan. 15.
 Mandrel and lock for a hair curler. W. H. Cooper. 2,008,656; July 16.
 Mandrel bar for continuous tube rolling mills. B. Brownstein. 2,025,439; Dec. 24.
 Mandrel for electric welding machines. H. J. Burnish. 2,006,581; July 2.
 Mandrel for tube rolling mills. A. P. Diescher. 1,997,997; Apr. 16.
 Mandrel, Pinhole grinder. J. Sunnen. 1,989,831; Feb. 5.
 Maneuvering means for under water salvage equipment. E. J. Romano. 2,004,133; June 11.
 Manganese carboxylates and making them. N. D. Cheronis. 1,985,977; Jan. 1.
 Manganese dioxide, Manufacture of. Y. Kato. 1,988,799; Jan. 22.
 Manganese nitrate hydrate, Crystallization of. H. S. McQuaid. 2,017,980; Oct. 22.
 Manganese ores, Flotation of. F. Weed. 2,014,407; Sept. 17.
 Manganese sulphur compounds, Making. H. B. Bishop. 2,000,211; May 7.
 Manhole and cistern construction. N. P. O'Neal. 2,002,127; May 21.
 Manhole closure. G. E. Woods, Jr. 2,025,839; Dec. 31.
 Manhole construction. J. L. Gehris. 2,009,132; July 23.
 Manhole cover. E. R. Barrett. 2,006,937; July 2.
 Manhole frame and cover. M. W. Merriman. 2,004,335; June 11.
 Manhole frame cover. C. H. Moore. 1,988,360; Jan. 15.
 Manicuring apparatus. V. J. Moir. 2,008,920; July 23.
 Manicuring apparatus. G. S. Uebelhart and J. E. McAllister. 1,988,581; Jan. 22.
 Manicuring apparatus, Power operated. C. Bergstrom. 2,008,894; July 23.
 Manicuring implement. R. J. Poux. 2,019,580; Nov. 5.
 Manicuring stand. T. S. Boyd. 2,020,100; Nov. 5.
 Manifold. G. A. Barker. 2,014,371; Sept. 17.
 Manifold. W. S. Smith. 2,001,669; May 14.
 Manifold and connection, Exhaust. H. A. Gehres. 2,003,485; June 4.
 Manifold and regulating valve therefor, Combination intake and heating. C. F. Hoyt. 2,019,050; Oct. 29.
 Manifold attachment for internal combustion engines. F. F. W. Doering. 1,998,494; Apr. 23.
 Manifold book. R. M. Bonn. 2,020,287; Nov. 12.
 Manifold carbon copy device. R. J. Copeland. 1,986,136; Jan. 1.
 Manifold, Charge forming and distributing. A. Moore. 1,990,662; Feb. 12.
 Manifold, Exhaust. I. Sikorsky. 2,020,982; Dec. 3.
 Manifold for tubular driers. A. W. Lissauer. 2,002,956; May 28.
 Manifold forms, Apparatus for feeding continuous. H. T. Nicholas. 1,997,739; Apr. 16.
 Manifold heating device, Intake. J. E. Porter. 1,998,636; Apr. 23.
 Manifold, Hot spot. J. Meinzinger. 2,005,869; June 25.
 Manifold, Intake. F. O. Ball. 2,011,994; Aug. 20.
 Manifold, Intake. G. M. Bicknell. 1,994,011; Mar. 12.
 Manifold, Intake. J. W. Swan. 2,013,737; Sept. 10.
 Manifold system for internal combustion engines. J. F. Chapman and F. E. Dayes. 2,004,192; June 11.
 Manifold valve. E. M. Beebe. 1,998,830; Apr. 23.
 Manifold writing device. H. D. Black and C. F. Webb. 2,004,028; June 4.
 Manifolding. A. A. Johnson. 2,003,149; May 28.
 Manifolding apparatus. J. Q. Sherman. 1,987,131; Jan. 8.
 Manifolding book, Triplicate. A. R. Lawson. 2,002,226; May 21.
 Manifolding collator and carbon assembly, Automatic. J. Q. Sherman. 2,021,391; Nov. 19.
 Manifolding device. C. W. Brenn. 1,999,535; Apr. 30.
 Manifolding device. W. C. Pfeiffer. 1,998,333; Apr. 16.
 Manifolding device. W. J. Wiswall. 1,995,953; Mar. 26.
 Manifolding device for typewriters. A. Ielfield. 2,022,374; Nov. 26.
 Manifolding machine. W. Ritzersfeld. 1,990,349; Feb. 5.
 Manifolding means for typewriters. R. L. Gillson. 2,011,104; Aug. 13.
 Manifolding sheet. W. R. Whitley. 2,001,642; May 14.
 Manipulator for rolled stock. J. Gassen. 2,023,880; Dec. 10.
 Manipulator for scouring pads. L. G. Ebert and M. K. Grable. 2,012,500; Aug. 27.
 Manometer. E. Bandoly. 2,021,280; Nov. 19.
 Manometer, Self-refilling. F. P. Smith. 1,997,437; Apr. 9.
 Mantle, Electric discharge. C. H. Braselton. 2,007,941; July 9.
 Manual operating means for railway traffic controlling devices. O. S. Field. 2,026,496; Dec. 31.
 Manure and producing same, Artificial. J. Kaiser and E. Sauer. 2,000,082; May 7.
 Map, Educational. E. B. Hamilton. 2,004,241; June 11.
 Maps from aerial photographs, Method and apparatus for plotting. S. H. Birdseye. 2,021,140; Nov. 19.
 Marble shooter. P. Donato. 1,988,191; Jan. 15.
 Margarine and making same. B. R. Harris. 2,024,355; Dec. 17.
 Margarine and making the same. I. C. Reynolds. 2,022,924; Dec. 3.
 Margarine and manufacturing same. A. D. Joyce. 2,024,647; Dec. 17.
 Margarine, Making. A. K. Epstein, M. C. Reynolds and B. R. Harris. 2,006,798; July 2.
 Margin-regulating stop. H. Benzing. 1,987,523; Jan. 8.
 Marginal edge of leather or fabric articles, Finishing the. P. H. Dixon. 2,026,222; Dec. 31.
 Margins of paper, Method of and apparatus for reinforcing the. O. Gerngross and H. Christ. 1,997,189; Apr. 9.
 Marine boiler. W. H. Armacost. 1,998,828; Apr. 23.
 Marine drive mechanism. O. C. Linthwaite. 1,990,387; Feb. 5.
 Marine exploration apparatus. R. J. Sherman. 2,019,059; Oct. 29.
 Marine power plant apparatus. J. Ostertag. 2,018,803; Oct. 29.
 Marine propulsion. R. D. Strout. 2,021,815; Nov. 19.
 Marine reduction and reverse gear unit. P. D. Harvey. 2,023,584; Dec. 10.
 Marine structures, Making. E. M. Wichert. 2,009,461; July 30.
 Marker. E. G. Brumund. 2,005,217; June 18.
 Marker. G. Segelhorst. 2,002,756; May 28.
 Marker and vase, Combined grave. M. G. Slawson. 2,010,246; Aug. 6.
 Marker, Animal. G. F. Bombach. 1,987,987; Jan. 15.

- Marker, Automatic book. R. R. Roberts; 2,005,559; June 18.
- Marker for cotton bales, Permanent. M. L. Brown and S. Brown. 2,004,924; June 18.
- Marker for road surfaces, Traffic guidance. A. P. White. 2,021,759; Nov. 19.
- Marker, Garment hem. F. De Bucci. 2,022,931; Dec. 3.
- Marker, Grave. W. J. Adams. 2,017,335; Oct. 15.
- Marker, Grave. H. T. Debs. 2,013,377; Sept. 3.
- Marker, Grave. E. C. Sisson and J. D. Stokes. 1,997,087; Apr. 9.
- Marker, Highway. J. M. Miller. 2,015,721; Oct. 1.
- Marker, Highway. B. B. Sapp. 2,015,695; Oct. 1.
- Marker, Highway traffic. G. C. Arey. 1,986,097; Jan. 1.
- Marker, Inlay paving. C. H. Gibbs. 2,013,406; Sept. 3.
- Marker, Road. C. W. Glasgow. 1,998,502; Apr. 23.
- Marker, Road. C. W. Glasgow. 1,999,563; Apr. 30.
- Marker, Slip form paving. C. H. Gibbs. 2,013,407; Sept. 3.
- Marker, Traffic. G. Segelhorst. 2,005,170; June 18.
- Market system, Selective. R. F. Dirkes and M. R. Marsh. 2,023,952; Dec. 10.
- Marking and puncturing tool. F. F. Steiner. 1,986,079; Jan. 1.
- Marking commodities, Distinctively. F. C. Wappler. 1,995,725; Mar. 26.
- Marking compound. H. W. A. Dixon. 1,988,723; Jan. 22.
- Marking device. F. C. Choate. 2,012,990; Sept. 3.
- Marking device. H. M. Smullen. 2,018,746; Oct. 29.
- Marking device for marking the opposite sides of shoe upper blanks simultaneously. S. Sussman. 2,025,022; Dec. 17.
- Marking die. H. E. Edwards. 2,024,916; Dec. 17.
- Marking machine. F. C. Choate. 2,000,921; May 14.
- Marking machine. C. F. Eaton. 2,015,994; Oct. 1.
- Marking machine. P. R. Glass. 1,990,321; Feb. 5.
- Marking machine. V. T. Johnson. 1,991,679; Feb. 19.
- Marking machine. A. R. Morrill. 2,013,851; Sept. 10.
- Marking machine. C. F. Robbins. 2,006,302; June 25.
- Marking machine. G. Stiegler. 1,993,461; Mar. 5.
- Marking machine. H. S. Wolff. 1,987,429; Jan. 8.
- Marking or scribing device. T. C. Porteous and D. J. H. Taylor. 1,991,117; Feb. 12.
- Marking, Process of and apparatus for. F. Hendey. 2,001,491; May 14.
- Marks formed in the roller printing of textile fabrics by the accidental spreading of discharge agent beyond the engraved areas of the printing roller, Eliminating. F. Baumann. 2,017,053; Oct. 15.
- Marksmanship practicing means. C. W. Griffith. 2,007,082; July 2.
- Mashing apparatus. E. Mayer. 2,014,945; Sept. 17.
- Mashing apparatus for brewing. C. L. Kenney. 2,013,445; Sept. 3.
- Mask. M. M. Einson. 2,021,593; Nov. 19.
- Mask. S. J. Goldsmith. 2,012,505; Aug. 27.
- Mask. W. J. Westmore. 2,023,214; Dec. 3.
- Mask, Air. H. A. Brand. 2,007,440; July 9.
- Mask, Baseball. T. S. Shibe. 2,020,248-9; Nov. 5.
- Mask, Beauty. R. Giuliano. 1,996,703; Apr. 2.
- Mask, Breathing. L. Y. Booharin. 2,005,072; June 18.
- Mask, Breathing. L. Y. Booharin. 2,008,677; July 23.
- Mask, Buck. T. J. Drago. Jr. 2,005,649; June 18.
- Mask, Dermatoid. E. Dohm. 2,002,449; May 21.
- Mask, Face. M. L. Blatt. 1,987,922; Jan. 15.
- Mask, Face-conforming respirator. H. F. Shindel. 2,011,733; Aug. 20.
- Mask for air line respirators. F. Willson and H. F. Shindel. 2,012,441; Aug. 27.
- Mask, Respiratory. J. E. Le Duc. 2,007,867; July 9.
- Mask, Surgeon's, absorbent. W. P. B. Nemzek. 1,990,199-200; Feb. 5.
- Masking apparatus for finishing articles of manufacture. H. Cohen. 2,002,849; May 28.
- Masonry joint. J. E. Marble. 2,016,968; Oct. 8.
- Masonry structure with joints. E. B. Gates. 2,015,470; Sept. 24.
- Masonry to concrete structures, Apparatus for anchoring. J. R. Johnson. 1,988,124; Jan. 15.
- Masonry weatherproofing composition. P. M. Moore. 2,022,547; Nov. 26.
- Mass and making the same, Artificial. H. Hönel. 2,012,277; Aug. 27.
- Massage apparatus. J. M. Davies. 2,004,428; June 11.
- Massage apparatus. C. R. Hardy. 1,999,412; Apr. 30.
- Massage apparatus, Electric. J. Scheidegger. 2,021,968; Nov. 26.
- Massage device. V. H. Anderson. 2,007,737; July 9.
- Massage device. B. B. Lipsner. 2,021,732; Nov. 19.
- Massage device. A. F. Luzzi. 1,999,939; Apr. 30.
- Massage device. G. A. Mutch. 1,994,781; Mar. 19.
- Massage device, Tympanic pneumo. A. T. Vance. 2,014,009; Sept. 10.
- Massage machine. R. H. Hamblin. 1,996,995; Apr. 9.
- Massage machine. R. H. Hassler. 1,997,059; Apr. 9.
- Massage pad. E. D. Davis. 1,987,390; Jan. 8.
- Massage table. E. A. Fridheim. 1,990,600; Feb. 12.
- Massaging apparatus. S. Höyer. 2,017,400; Oct. 15.
- Massaging device. W. G. Betz. 2,003,272; May 28.
- Massaging device. D. C. Dobbey. 2,023,412; Dec. 10.
- Massaging device. C. H. Foster. 2,001,871; May 21.
- Massaging device. D. H. Klein. 2,014,022; Sept. 10.
- Massaging device. W. E. Lembricht and E. L. Pope. 2,017,284; Oct. 15.
- Massaging mechanism. M. Andis. 1,998,696; Apr. 23.
- Masses and articles having a porous cellular structure, Manufacture of. G. Adolph and T. Pohl. 2,024,791; Dec. 17.
- Masses made from casein and other protein substances, Coloring hardened. H. Dumont. 2,010,480; Aug. 6.
- Master breaker protective system. R. D. Evans and R. T. Earle. 1,997,634; Apr. 16.
- Mat. G. F. Cavanagh and G. F. Duryee. 1,999,280; Apr. 30.
- Mat and manufacturing it. S. C. Clark. 1,999,441; Apr. 30.
- Mat, Artificial grass. S. I. Fineman. 2,015,889; Oct. 1.
- Mat, Artificial grass. M. E. Gottlieb. 2,013,148; Sept. 3.
- Mat board, Apparatus for handling. R. B. Hammer. 2,017,535; Oct. 15.
- Match book. E. L. Davidson. 2,018,299; Oct. 22.
- Match, Pull-light book. L. E. Parker. 2,018,969-70; Oct. 29.
- Mat construction, Floor. C. F. Barker. 1,988,825; Jan. 22.
- Mat construction, Floor. A. Bianco. 1,988,828; Jan. 22.
- Mat drier. A. J. Hartley. 1,994,100; Mar. 12.
- Mat finish on hardened rolls, Producing. J. M. McColloch, S. A. Daniels, and C. G. Herbert. 2,024,007; Dec. 10.
- Mat, Floor. L. H. Diehl. 1,987,585; Jan. 8.
- Mat, Floor. E. C. Matteson. 2,005,659; June 18.
- Mat for automobiles, Running board. H. D. Geyer. 1,998,366; Apr. 16.
- Mat for beverage glasses and the like, Protective. H. F. Cole. 1,990,372; Feb. 5.
- Mat for running boards and the like, Rubber. W. F. Schacht. 2,021,522; Nov. 19.
- Mat or pad, Table. O. Winter. 1,998,036; Apr. 16.
- Match. A. O. Jaeger. 2,004,436; June 11.
- Match arranging and feeding mechanism. J. C. Donnelly. 1,992,522; Feb. 26.
- Match book. J. F. St. John. 2,003,870; June 4.
- Match book display package. W. H. Colgate. 2,024,091; Dec. 10.
- Match book place card. F. W. Ketcham. 1,993,845; Mar. 12.
- Match box. H. F. Wilhelm. 2,006,190; June 25.
- Match box support. I. Dorf. 2,012,253; Aug. 20.
- Match container. B. Hamilton. 2,008,016; July 16.
- Match device. W. M. Young. 2,012,781; Aug. 27.
- Match dispensing and igniting device. S. J. Welch. 1,994,120; Mar. 12.
- Match holder. R. S. Pullen. 2,001,264; May 14.
- Match-holding attachment for cigarette containers. W. K. Collette. 2,013,551; Sept. 3.
- Match making machine. W. C. Huguley. 1,994,997; Mar. 19.
- Match package. E. F. Boutillon. 2,002,051; May 21.
- Match packet. R. S. Pullen. 2,013,991; Sept. 10.
- Match, Repeatedly ignitable. R. König and Z. Földi. 2,015,383; Sept. 24.
- Matches and the like, Advertising book. J. Farrelly. 2,002,571; May 28.
- Matches, Method of, and apparatus for, manufacturing paper. N. H. Nelson. 2,022,088; Nov. 26.
- Material agitating and measuring apparatus, Dry. E. B. Harper. 1,996,419; Apr. 2.
- Material and article handling machine. L. C. Frank. 2,020,938; Nov. 12.
- Material and articles containing fiber and making the same. H. W. Greider and M. F. Smith. 2,006,392; July 2.
- Material and device, Packaged. P. N. Hills and H. N. Mann. 1,989,053; Jan. 22.
- Material and its production, Cable conductor impregnating. J. J. Bilbert and F. S. Malm. 1,988,005; Jan. 15.
- Material and making the same. C. M. Riddock. 2,006,687; July 2.
- Material and manufacturing the same, Composite. S. R. Pereman. 2,010,711; Aug. 6.
- Material and manufacturing the same, Sheet. J. R. Sanborn. 2,026,253; Dec. 31.
- Material and preparing the same, Halogenated. F. M. Clark and W. M. Kutz. 2,012,302; Aug. 27.
- Material and process for applying gelatine coating to surfaces. H. Neumann. 1,989,017; Jan. 22.
- Material, Apparatus for automatically delivering and weighing predetermined quantities of. J. Hughes and T. O. Ward. 1,986,268; Jan. 1.
- Material, Apparatus for breaking. A. A. Holbeck. 2,022,000; Nov. 26.
- Material, Apparatus for cleaning sheet. S. G. Judge. 2,013,714; Sept. 10.
- Material, Apparatus for conditioning. E. C. Ingraham. 1,992,007; Feb. 19.
- Material, Apparatus for cooking. V. Wright. 2,004,775; June 11.
- Material, Apparatus for drying. S. Kiesskalt. 1,993,062; Mar. 5.
- Material, Apparatus for drying loose. K. R. Bixby. 2,000,817; May 7.
- Material, Apparatus for feeding. W. D. Foster. 2,005,738; June 25.
- Material, Apparatus for feeding. W. D. Foster and F. D. Sweet. 1,998,453; Apr. 23.
- Material, Apparatus for feeding and weighing. A. K. Thomas. 1,994,797; Mar. 19.
- Material, Apparatus for fractionating finely divided. P. S. Roller. 2,019,507; Nov. 5.
- Material, Apparatus for gauging and controlling the thickness of. R. W. Brown. 1,989,038; Jan. 22.

- Material, Apparatus for handling. W. S. Howard. 2,020,245-6; Nov. 5.
- Material, Apparatus for handling. H. E. McCrery. 1,988,013; Jan. 15.
- Material, Apparatus for incinerating. R. Granger. 2,020,682; Nov. 12.
- Material, Apparatus for looping sheet. C. H. Heldenbrand, U. C. Haren, and F. Slusher. 1,989,690; Feb. 5.
- Material, Apparatus for treating. K. T. Potthoff. 1,996,031; Mar. 26.
- Material, Apparatus for treating finely divided. O. Lellep. 1,994,718; Mar. 19.
- Material, Burnproof. N. C. Ward. 2,011,130; Aug. 13.
- Material, Coating. C. D. Knowlton. 2,013,056; Sept. 3.
- Material, Composite sheet. A. V. Alm. 2,014,460; Sept. 17.
- Material containing parchmentized fiber and producing the same. E. E. Strawn. 2,023,711; Dec. 10.
- Material containing titanium oxide, Decomposing and further treating. S. S. Svendsen. 1,995,334; Mar. 26.
- Material, Cyclic process of pulping raw cellulose. G. A. Richter. 1,987,214; Jan. 8.
- Material discharge apparatus. E. P. Gillette. 2,019,963; Nov. 5.
- Material, Disintegrating. G. C. Pierce. 2,021,376; Nov. 19.
- Material dispensing device, Roll. W. C. Roe. 1,992,394; Feb. 26.
- Material, Distributing divided. E. W. Madge and F. J. Payne. 1,986,404; Jan. 1.
- Material feeding device, Dry. A. E. Hine. 1,991,213; Feb. 12.
- Material, Feeding sheet. A. Wormser. 2,011,745; Aug. 20.
- Material, Folding sheet. T. C. Rowen. 2,014,453; Sept. 17.
- Material for and process of pickling and cleaning. A. E. Chester. 1,995,766; Mar. 26.
- Material for building construction, Waterproof sheet. H. N. Sandell. 2,017,106; Oct. 15.
- Material for discharge tube anodes. H. J. Spanner and C. J. R. H. von Wedel. 1,995,017; Mar. 19.
- Material for hard-soldering and welding. H. Kanz. 1,992,576; Feb. 26.
- Material for protecting surfaces against rust decomposition, heat, fire, and the like, Producing a. A. Kutas. 2,009,807; July 30.
- Material for providing metal with a paint receptive surface. J. H. Gravell. 2,005,780; June 25.
- Material for repelling insects. B. G. Haring. 1,995,247; Mar. 19.
- Material, Free-flowing road treating. W. R. Collings. 2,026,121; Dec. 31.
- Material gathering and loading apparatus. R. MacEachen. 1,987,261-2; Jan. 8.
- Material gathering and loading machine. R. H. Kraft. 2,024,458; Dec. 17.
- Material handling and preparation unit. W. E. Phillips and W. W. Sayers. 2,013,502; Sept. 3.
- Material handling apparatus. A. M. Bach. 1,998,434; Apr. 23.
- Material handling apparatus. J. T. Flaherty. 2,011,808; Aug. 20.
- Material handling apparatus. H. H. Merwin. 2,006,404; July 2.
- Material handling apparatus. F. S. Miller. 2,000,292; May 7.
- Material handling apparatus. J. J. Neuman. 1,988,855; Jan. 22.
- Material handling apparatus. J. J. Neuman. 2,006,868-71; July 2.
- Material handling apparatus. W. E. Phillips. 1,996,488; Apr. 2.
- Material handling device. W. F. Anderson. 2,025,702; Dec. 31.
- Material handling means. P. A. Erb and E. O. Sbilling. 2,011,621; Aug. 20.
- Material handling mechanism. S. T. Beeker. 2,020,631; Nov. 12.
- Material handling mechanism. S. T. Beeker and J. S. Beltz. 2,020,632; Nov. 12.
- Material handling mechanism. N. D. Levin. 1,997,589; Apr. 16.
- Material handling mechanism. N. D. Levin. 1,997,591; Apr. 16.
- Material handling mechanism. N. D. Levin. 1,997,593; Apr. 16.
- Material handling mechanism. N. D. Levin. 2,002,952; May 28.
- Material handling mechanism. N. D. Levin. 2,021,453; Nov. 19.
- Material handling mechanism. N. D. Levin and E. G. Lewis. 1,997,590; Apr. 16.
- Material handling mechanism. E. G. Lewis. 1,997,592; Apr. 16.
- Material handling mechanism. S. F. Ossing. 2,022,147; Nov. 26.
- Material handling system. A. E. Vosler, G. S. Helenbolt and C. C. Wright. 2,026,200; Dec. 31.
- Material handling system for mines. E. C. Morgan. 2,003,007; May 28.
- Material in an electric furnace, Method and apparatus for melting. J. Ferguson. 2,018,883; Oct. 29.
- Material in containers, Apparatus for compacting. D. Belcher and B. R. Stetson. 1,995,271; Mar. 19.
- Material in finely subdivided form, Process and apparatus for solidifying. R. R. Bottoms. 2,020,719; Nov. 12.
- Material into a fluid stream, Method and apparatus for introducing comminuted. M. Stockton. 1,986,300; Jan. 1.
- Material, Making constructional. A. C. Fischer. 2,019,449; July 29.
- Material, Method and apparatus for impregnating. J. H. Campbell. 2,001,768; May 21.
- Material, Method and apparatus for making transparent sheet. E. M. Kratz and H. Heckel. 2,014,937; Sept. 17.
- Material, Method and apparatus for manipulating stretchable sheet. F. D. Fowler. 2,013,344; Sept. 3.
- Material, Method and apparatus for molding thermoplastic. E. E. Novotny. 1,993,942; Mar. 12.
- Material, Method and apparatus for processing. C. W. Vogt. 2,013,016; Sept. 3.
- Material, Method and apparatus for processing. C. W. Vogt. 2,013,018; Sept. 3.
- Material, Method and apparatus for straightening sheet. F. Müssnest. 2,009,508; July 30.
- Material, Method of and apparatus for treating. W. M. Zorn and W. F. Egger. 1,989,728; Feb. 5.
- Material, Moistureproof. W. H. Charch. 1,997,857; Apr. 16.
- Material, Molding edge portions of. F. Paparella. 2,013,835; Sept. 10.
- Material of animal origin, Preserving. G. Beisser. 1,994,459; Mar. 19.
- Material of differing specific gravities, Method and apparatus for separating. H. M. Chance. 1,988,371; Jan. 15.
- Material, Resistant. C. F. Raney. 2,012,108; Aug. 20.
- Material, Separating sheet. H. L. Thompson. 2,017,449; Oct. 15.
- Material, separating-sifting-extrusion device. C. Krtil. 1,999,569; Apr. 30.
- Material, Siding. W. W. Ford. 1,993,134; Mar. 5.
- Material, Solidifying. R. R. Bottoms and W. E. Wood. 2,013,025; Sept. 3.
- Material, Stable fire resisting hydrocarbonaceous. J. H. Young. 2,025,929; Dec. 31.
- Material, Steaming of webs of. W. W. Spooner. 2,008,230; July 16.
- Material strength testing machine. L. H. Hounsfield. 2,004,660; June 11.
- Material such as rubber thread, Method and apparatus for collecting continuous lengths of. E. A. Murphy and W. G. Gorham. 2,010,878; Aug. 13.
- Material testing apparatus. T. E. Heppenstall. 2,003,077; May 28.
- Material testing device. J. Gogan. 2,009,316; July 23.
- Material to a fabric web, Apparatus for and method of applying surfacing. N. P. Harshberger. 2,000,777; May 7.
- Material to a machine, particularly to a printing machine, Device for feeding sheet. R. Reinartz. 2,011,776; Aug. 20.
- Material transfer apparatus. E. W. Langenberg. 2,013,215; Sept. 3.
- Material treatment method, apparatus, and system. A. Peltzer and A. Peltzer, Jr. 2,013,668; Sept. 10.
- Material, Treatment of artificial. W. A. Dickie and P. F. C. Sowter. 1,999,401; Apr. 30.
- Material, Treatment of mineral absorbent. G. R. Lewers. 2,024,589; Dec. 17.
- Material, Winding flexible. R. McC. Johnstone. 2,012,102; Aug. 20.
- Material with gaseous media, Treatment of solid. M. Vogel-Jorgensen. 2,024,453; Dec. 17.
- Material working apparatus. E. J. Svenson. 1,994,079; Mar. 12.
- Material working machine. D. V. Waters. 2,007,627; July 9.
- Material working machine, Combination. T. J. Halvorson and J. A. Shand. 2,013,778; Sept. 10.
- Materials and the like, Apparatus for disseminating insect exterminating. C. L. Thorne and E. L. Tenney. 2,012,523; Aug. 27.
- Materials, Apparatus for and method of preparing fused. W. Hogenson. 1,993,964; Mar. 12.
- Materials, Apparatus for ascertaining the plasticity of. E. Karrer. 1,988,597; Jan. 22.
- Materials, Apparatus for blending. F. J. and J. L. Muench. 2,018,082; Oct. 22.
- Materials, Apparatus for burning. O. Lellep. 1,992,705; Feb. 26.
- Materials, Apparatus for handling, drying, and processing. A. O. Hurxthal. 1,996,020; Mar. 26.
- Materials, Apparatus for the roasting or the calcination of pulverulent. E. C. Saint-Jacques. 2,025,402; Dec. 24.
- Materials, Apparatus for treating. H. O. Swoboda and W. F. Metzger. 1,994,839; Mar. 19.
- Materials, Apparatus for washing or treating. W. F. Traudt. 2,005,015; June 18.
- Materials by rotating rolls or wheels containing a molten metal between them, Manufacturing metallic. Y. Murakami. 2,008,626; July 16.
- Materials, Coloration of. G. H. Ellis, T. Ockman and H. C. Olpin. 2,008,902; July 23.
- Materials, Coloration of. H. C. Olpin and G. H. Ellis. 2,010,884; Aug. 13.
- Materials, Coloration of. H. C. Olpin and G. H. Ellis. 2,019,627; Nov. 5.

- Materials comprising elements of different specific weights such as raw coal, Apparatus for the pneumatic separation of. F. J. Meunier. 2,012,633; Aug. 27.
- Materials containing potassium salts, Treatment of complex. A. Lambert. 2,020,322; Nov. 12.
- Materials, Cooling packaged. C. G. Buder. 2,013,264; Sept. 3.
- Materials, Determining wearing qualities of. W. A. Harrington. 2,005,521; June 18.
- Materials, Distillation of fragmentary. S. Moore. 2,017,442; Oct. 15.
- Materials, Drying. W. A. Darrah. 2,000,663; May 7.
- Materials, Fire-proofing cellulosic. M. Leatherman. 2,012,686; Aug. 27.
- Materials for producing or detecting polarized light, Manufacture of. F. Sproston. 2,017,705; Oct. 15.
- Materials, Fusing. H. A. Beekhuis. 2,019,112; Oct. 29.
- Materials, Impregnating. J. E. Shepherd and R. D. York. 1,998,100; Apr. 16.
- Materials in rotating furnaces or drums by hot gas, Treatment of. J. M. and R. V. Pehrson. 2,020,960; Nov. 12.
- Materials made of or containing esters and ethers, Dyeing or otherwise coloring of. G. H. Ellis and H. C. Olpin. 2,006,545-6; July 2.
- Materials made of or containing organic derivatives of cellulose, Coloration of. G. H. Ellis. 1,989,133; Jan. 29.
- Materials, Manufacture of artificial. E. Kinsella and R. H. J. Riley. 2,019,609; Nov. 5.
- Materials, Manufacture of waterproof textile. G. Cogno. 2,012,240; Aug. 20.
- Materials, Manufacture or treatment of artificial. H. Dreyfus. 2,004,274; June 11.
- Materials, Method and apparatus for drying. J. H. Colton and A. G. Lang. 1,992,520; Feb. 26.
- Materials, Method and apparatus for drying liquid and semi-liquid. J. C. and J. M. MacLachlan. 2,010,101; Aug. 6.
- Materials, Method and apparatus for handling. H. O. Svoboda and W. F. Metzger. 1,994,838; Mar. 19.
- Materials, Method and apparatus for producing openings in multiply flexible. J. B. Warrell. 1,997,843; Apr. 16.
- Materials, Method and apparatus for separating and washing. H. R. Rafton. 1,997,915; Apr. 16.
- Materials, Method and apparatus for testing. W. A. Mudge and C. G. Bieber. 1,990,085; Feb. 5.
- Materials, Method of and apparatus for working. T. Corbeels. 2,003,426; June 4.
- Materials of a paste consistency, Apparatus for pasteurizing. B. Duttweiler. 1,993,264; Mar. 5.
- Materials of different specific gravities, Apparatus for separating. H. M. Chance. 2,018,010; Oct. 22.
- Materials of different specific gravities, Apparatus for separating. W. C. Menzies. 1,990,129; Feb. 5.
- Materials of different specific gravity, Process and apparatus for separating. G. J. du Vooy. 2,026,343; Dec. 31.
- Materials of different specific gravity, Separating. A. E. Rothgarn. 1,987,640; Jan. 15.
- Materials or cellulose, Production of cellulosic. H. Dreyfus. 2,019,598; Nov. 5.
- Materials, Packaging sheet. G. L. Hann. 2,004,626; June 11.
- Materials, Process and mechanism for separating intermixed divided. K. Davis. 1,995,295; Mar. 26.
- Materials, Process and mechanism for separating intermixed divided. R. Peale, Jr. 2,001,331; May 14.
- Materials, Process and mechanism for separating intermixed divided. R. Peale, Jr. 2,007,098; July 2.
- Materials, Process of and apparatus for separating mixed. T. Fraser. 2,007,190; July 9.
- Materials, Production of artificial. W. I. Taylor and A. H. Woodruff. 2,007,389; July 9.
- Materials, Pulverizing semisolid. T. Robinson. 2,013,808; Sept. 10.
- Materials, Reacting semifluid. P. Hooker, T. L. B. Lyster, and J. D. Rue. 2,000,953; May 14.
- Materials, Spraying. F. R. Seavey, A. J. Phillips, and F. Olsen. 1,986,292; Jan. 1.
- Materials, Spraying liquid. H. Wentzel. 2,016,407; Oct. 8.
- Materials, Spreading or removing. F. L. M. Höyer. 2,019,975; Nov. 5.
- Materials, Testing. W. M. Dunagan. 1,989,003; Jan. 22.
- Materials, Thermolizing carbonizable. A. Oberle. 2,015,085; Sept. 24.
- Materials to grinding mills, Apparatus for feeding. W. A. Seymour. 2,019,274; Oct. 29.
- Materials to surfaces, Application of. E. H. Merritt. 1,999,509; Apr. 30.
- Mathematical instrument. E. A. Turner. 2,024,956; Dec. 17.
- Matrices for multi-color printing, Preparing stereotype. A. L. Lengel and E. G. Beveridge. 2,011,584; Aug. 20.
- Matrix and assembling means therefor, Mortised. H. R. Freund. 2,009,982; July 30.
- Matrix and method of manufacture, Printer's. C. A. Stimpson, G. H. Fuller, and E. R. Marbach. 1,988,094; Jan. 15.
- Matrix band. J. Schneider. 1,997,435; Apr. 9.
- Matrix composing stick. H. R. Freund. 2,025,683; Dec. 24.
- Matrix for printing plates, Composite. G. Rosenqvist. 1,997,875; Apr. 16.
- Matrix for typographical machines. B. Smyle. 2,025,694; Dec. 24.
- Matrix molding and drying press, Stereotype. W. F. Huck. 1,999,154; Apr. 23.
- Matrix, Photographic. L. T. Troland. 2,013,116; Sept. 3.
- Matrix rolling machine and method. C. S. Crafts. 2,008,819; July 23.
- Mattress. F. Robinson. 1,986,896; Jan. 8.
- Mattress, Air ventilated sanitary. M. Sherover. 1,994,234; Mar. 12.
- Mattress and handle therefor. C. D. Karr. 2,021,238; Nov. 19.
- Mattress and making the same. E. L. Bronstien. 2,025,328-9; Dec. 24.
- Mattress and similar structure. C. H. Durfey, A. W. Naylor, J. N. Bauer, and R. B. Stevens. 1,986,255; Jan. 1.
- Mattress and upholstery pad, Stapled. S. L. Burns. 1,992,810; Feb. 26.
- Mattress, Inner-tie. H. Perlesz. 2,010,105; Aug. 6.
- Mattress, Life preserver. A. Borino. 2,021,713; Nov. 19.
- Mattress, pad, cushion, and the like, Electrically heated. W. C. Becker. 1,989,582; Jan. 29.
- Mattress, Pneumatic. M. D. Sentell. 2,016,054; Oct. 1.
- Mattress, Pneumatic core. E. W. Arens. 2,000,873; May 7.
- Mattress, Spring. W. Lewis. 1,991,106; Feb. 12.
- Mattress-tufting device. W. B. Mathewson. 2,006,076; June 25.
- Mattress, Tuftless. W. S. Becker. 2,018,773; Oct. 29.
- Mattresses, Apparatus for making shape retaining fiber. W. H. Waters and J. S. Kern. 2,004,544; June 11.
- Mattressing. S. Rosenfeld. 2,024,307; Dec. 17.
- Maturity tester. J. C. Moore. 1,987,244; Jan. 8.
- Mausoleum, Individual. B. F. Krehbiel. 1,986,931; Jan. 8.
- Maximum demand meter. A. Page. 1,990,417; Feb. 5.
- Measure, Automatic liquid. E. J. Hanna. 1,986,811; Jan. 8.
- Measure, Tape. F. Buck and E. J. Witchger. 2,022,756; Dec. 3.
- Measured quantities of liquefied gas, Process and apparatus for dispensing. F. C. Clark. 2,018,835; Oct. 29.
- Measured quantities of liquefied gas, Process and apparatus for dispensing. W. H. Kniskern. 2,018,857; Oct. 29.
- Measurement by volume of delivered quantities of liquids, Apparatus for the. G. J. Gibbs. 2,006,135; June 25.
- Measurement of return loss. L. G. Abraham, D. Mitchell, and R. S. Hawkins. 2,017,175; Oct. 15.
- Measurement of the phase displacement of alternating currents or voltages. M. Reich. 2,012,480; Aug. 27.
- Measurement values over long distance lines, Device for the transmission of. M. Schleicher. 2,013,544; Sept. 3.
- Measurements for making apparel to individual measurement, Obtaining. E. H. Ohlsson. 2,006,774; July 2.
- Measurements to a remote point, Transmitting. F. Fischer and H. Schuchmann. 2,023,221; Dec. 3.
- Measuring and controlling apparatus. J. D. Ryder. 2,015,968; Oct. 1.
- Measuring and cutting, Apparatus for. H. Willshaw, H. Smith, and G. H. B. Yoxon. 1,993,393; Mar. 5.
- Measuring and cutting machine. H. S. Rubens. 1,996,306; Apr. 2.
- Measuring and delivering apparatus. A. C. Jamieson. 2,001,025; May 14.
- Measuring and dispensing can. E. C. Akers. 2,010,126; Aug. 6.
- Measuring and dispensing container. J. B. Myers. 2,018,278; Oct. 22.
- Measuring and dispensing device. J. B. Myers. 2,023,537; Dec. 10.
- Measuring and dispensing device. J. Waldheim. 2,025,796; Dec. 31.
- Measuring and filling device. P. E. Fischer. 2,014,617; Sept. 17.
- Measuring and packaging method. C. T. Walter. 2,009,824; July 30.
- Measuring and puncturing tool. F. F. Steiner. 1,996,217; Apr. 2.
- Measuring and recording interval demand for apparent power. A. D. Du Bois. 1,998,711; Apr. 23.
- Measuring and selecting device, Electrically operated. G. A. Reeve. 1,988,702; Jan. 22.
- Measuring apparatus. L. Behr. 2,007,556; July 9.
- Measuring apparatus. E. D. Doyle. 2,003,681; June 4.
- Measuring apparatus, Automatic. W. A. Darrah. 1,996,233; Apr. 2.
- Measuring arrangement, Time interval. J. D. Tear. 2,012,837; Aug. 27.
- Measuring device. S. J. Finn. 1,997,721; Apr. 16.
- Measuring device. F. Meyer. 2,013,165; Sept. 3.
- Measuring device. O. A. McNamee. 2,018,217; Oct. 22.
- Measuring device. K. Sleg. 2,016,581; Oct. 8.
- Measuring device. H. G. Smith. 2,016,346; Oct. 8.
- Measuring device. L. A. Von Till. 2,004,230; June 11.
- Measuring device. A. Westphal. 1,988,884; Jan. 22.
- Measuring device, Collable. F. A. Volz. 2,013,322; Sept. 3.
- Measuring device, Electric and magnetic. C. Chilowsky. 2,024,966; Dec. 17.
- Measuring device for pantograph engraving machines. J. Motyka. 1,993,892; Mar. 12.
- Measuring device for tube walls. H. Schüster. 1,990,138; Feb. 5.
- Measuring device, Illuminated. F. H. Scantlebury. 2,009,209-10; July 23.
- Measuring device, Pneumatic. M. Mennesson. 2,026,187; Dec. 31.
- Measuring device, Vibration velocity. C. D. Greentree and M. S. Mead, Jr. 2,002,372; May 21.

- Measuring dispenser. W. S. Holesworth. 2,006,019; June 25.
- Measuring dispensing device. W. W. Ower and M. L. Kobelin. 1,987,578; Jan. 8.
- Measuring frequencies. H. Chireix. 2,013,799; Sept. 10.
- Measuring instrument. E. G. Ahnström. 1,992,343; Feb. 26.
- Measuring instrument. V. E. Barbonara. 2,000,659; May 7.
- Measuring instrument. F. A. Barnes. 1,999,029; Apr. 23.
- Measuring instrument. E. P. Herzog. 2,004,724; June 11.
- Measuring instrument. E. C. J. Purton. 2,006,873; July 2.
- Measuring instrument. J. F. Vaughan. 2,000,625; May 7.
- Measuring instrument, Electric. T. W. Varley. 2,013,321; Sept. 3.
- Measuring instrument, Electrical. G. B. Stanton. 2,023,860; Dec. 10.
- Measuring instrument having automatic zeroizing mechanism. J. G. Paulin. 2,011,774; Aug. 20.
- Measuring instrument, Line tension. L. S. Williams. 2,013,938; Sept. 10.
- Measuring instrument, Universal. G. Bozzer and J. Haversin. 2,003,626; June 4.
- Measuring line for well plugs. J. A. Connolly. 2,023,724; Dec. 10.
- Measuring machine. H. A. Ballard. 2,021,218; Nov. 19.
- Measuring machine. E. E. Winkley. 1,987,811; Jan. 15.
- Measuring mechanism. W. H. Howe. 2,018,673; Oct. 29.
- Measuring or drawing angles and inclinations, Device for. O. M. C. Marischal. 2,013,850; Sept. 10.
- Measuring small displacements, Method and apparatus for. L. W. Blau, A. B. Bryan and W. D. Mounce. 2,025,719; Dec. 31.
- Measuring system. R. B. Dome. 1,999,869; Apr. 30.
- Measuring system. C. Z. Roscrans. 1,993,707; Mar. 5.
- Measuring system, Electrical. C. L. Hill. 1,991,898; Feb. 19.
- Measuring tap. J. S. Weightman. 2,016,583; Oct. 8.
- Measuring the distance of an aircraft from ground. H. Junkers and H. Wigge. 2,004,662; June 11.
- Measuring the foot, Apparatus for. B. Giuntini. 2,017,813; Oct. 15.
- Measuring the rigidity and fatigue of structures. P. M. LeRoiand. 1,998,727; Apr. 23.
- Measuring time intervals, Method of and apparatus for. G. P. Luckey. 2,024,799; Dec. 17.
- Measuring valve. A. J. Farmer. 1,994,173; Mar. 12.
- Measuring valve. A. J. Jennings. 2,016,372; Oct. 8.
- Meat and bone cutting machine. F. Ponton. 2,007,458; July 9.
- Meat, Apparatus for blocking pieces of. J. L. Wilde. 2,019,108; Oct. 29.
- Meat cheese loaf, Preparing a. C. H. Parsons. 1,993,621; Mar. 5.
- Meat cutter. M. F. Ward. 1,987,172; Jan. 8.
- Meat forming. C. L. Lohner. 2,020,843; Nov. 12.
- Meat grinding machines, Attachment for. D. Cohen. 2,001,524; May 14.
- Meat holder. J. E. Gloekler. 1,999,809; Apr. 30.
- Meat holder. R. L. Ingram and H. P. Adler. 2,004,757; June 11.
- Meat inspection device. F. W. Gage. 1,991,316; Feb. 12.
- Meat mold. J. Klipper. 1,988,558; Jan. 22.
- Meat package. H. H. McKee. 2,003,862; June 4.
- Meat processing and molding device. S. F. Gleason. 2,008,301; July 16.
- Meat product from cooked meat and making the same. J. C. MacLachlan. 2,013,859; Sept. 10.
- Meat rack. T. M. Wee. 1,992,106; Feb. 19.
- Meat scoring and tendering device. L. J. Becker. 1,999,972; Apr. 30.
- Meat Skinner. G. A. Kelly. 2,023,530; Dec. 10.
- Meat-slitting machine. J. P. Spang. 1,986,076; Jan. 1.
- Meat tenderer. F. Bosworth and F. W. Geisert. 1,996,949; Apr. 9.
- Meat tenderer. F. Czapar, Jr. 1,991,546; Feb. 19.
- Meat tenderer. F. J. Poeppel. 2,013,504; Sept. 3.
- Meat tenderer. F. W. West. 2,001,641; May 14.
- Meat-tenderer. G. R. Wood. 2,007,464; July 9.
- Meat-tenderer and tendering meat. A. O. Rasmussen. 1,987,349; Jan. 8.
- Meat, Tendering. L. B. Harvey. 2,008,326; July 16.
- Meat-tendering device. F. Inman. 1,997,795; Apr. 16.
- Meat-tendering machine. E. F. Hoffman. 1,995,123; Mar. 19.
- Meat tenderizer and cutter. J. C. Gonser. 2,025,505; Dec. 24.
- Meat, Testing. F. W. Gage. 1,991,315; Feb. 12.
- Meat-treating appliance. W. J. F. Boettcher. 2,022,842; Dec. 3.
- Meat treating method. L. B. Jensen. 2,002,146; May 21.
- Meat treating method and means. L. S. Paddock and R. W. Regensburger. 2,009,587; July 30.
- Meat, Treatment of. C. T. Walter. 1,986,868; Jan. 8.
- Mechanical device. G. S. Perry. 2,008,225; July 16.
- Mechanical end-of-line indicator. H. L. Krum and A. H. Reiber. 2,014,938; Sept. 17.
- Mechanical impedance meter. P. B. Flanders. 2,008,857; July 23.
- Mechanical lock. W. G. Wilson. 1,992,272; Feb. 26.
- Mechanical movement. A. E. De Koning. 2,007,563; July 9.
- Mechanical movement. W. H. Furness. 2,017,656; Oct. 15.
- Mechanical movement. L. Greenberg. 2,002,890; May 28.
- Mechanical movement. T. O. Liles. 1,985,901; Jan. 1.
- Mechanical movement. N. C. Rubin. 2,005,051; June 18.
- Mechanical movement. J. K. Russell. 2,019,158; Oct. 29.
- Mechanical movement. R. H. Wainford. 2,001,755; May 21.
- Mechanical movement for turret and like devices. G. Swahnberg. 2,011,488; Aug. 13.
- Mechanical movement useful for wheel mountings. S. D. Butterworth. 2,026,018; Dec. 31.
- Mechanical separator. F. Pardee and F. Pardee, Jr. 2,023,286; Dec. 3.
- Mechanical system for raising vehicles. D. L. y G. Chávez, T. B. Gonzalez, and A. C. Haro. 1,995,241; Mar. 19.
- Mechanical wave filter. H. W. Augustadt. 2,014,514; Sept. 17.
- Mechanism control. S. A. Snell. 1,998,972; Apr. 23.
- Mechanism for adjusting the sensitivity of control apparatus. C. W. Bristol. 2,007,912; July 9.
- Mechanism for applying adhesive to container sealing flaps. F. Reid. 1,999,480; Apr. 30.
- Mechanism for applying adhesive to window envelope blanks. E. B. Berkowitz. 1,998,701; Apr. 23.
- Mechanism for assembling coil springs. J. W. Bowersox. 2,012,904; Aug. 27.
- Mechanism for balancing impellers. S. E. Slocum. 2,013,079; Sept. 3.
- Mechanism for making and applying transparent window patches to envelopes. H. Kassekert and F. J. Kaeser. 2,006,215; June 25.
- Mechanism to be used upon motor vehicles. H. L. Welch. 2,022,833; Dec. 3.
- Medical examination lamp. H. W. Alexander and W. E. Metzger. 2,026,156; Dec. 31.
- Medical pad. W. M. Scholl. 1,996,835; Apr. 9.
- Medicament, Biological. N. S. Ferry. 1,990,982; Feb. 12.
- Medicament, Nasal. A. M. Painter. 2,013,524; Sept. 3.
- Medicaments or disinfectants to feet, Device for applying. W. W. Browne. 1,992,648; Feb. 26.
- Medicated insert for telephones. S. G. Bregger. 1,987,047; Jan. 8.
- Medicinal compound. W. W. Swingle and J. J. Pfiffner. 2,017,080; Oct. 15.
- Medicinal preparation. H. Bresnick. 2,007,108; July 2.
- Medicinal preparation. F. Lange and L. Taub. 2,006,023; June 25.
- Medicinal preparation. A. E. Osterberg. 2,002,829; May 28.
- Medicinal preparation. W. E. Welch. 2,001,046; May 14.
- Megaphone. H. H. Krohn. 2,012,538; Aug. 27.
- Melting and casting unit. T. H. Forde. 1,990,862; Feb. 12.
- Melting and holding furnace. J. W. Brown. 2,020,101; Nov. 5.
- Melting furnace. G. T. Schwab. 1,996,012; Mar. 26.
- Melting pot heater. W. W. Kemp. 2,025,687; Dec. 24.
- Members, Securing. E. C. Echlin. 2,012,226; Aug. 20.
- Membrane unit structure. C. S. Strom. 1,997,606; Apr. 16.
- Memorial. J. B. Ullman. Des. 95,094; Apr. 2.
- Meningococcus toxin. N. S. Ferry. 2,009,610; July 30.
- Mercaptan-amine derivative and producing it. L. B. Sebrell. 2,024,606; Dec. 17.
- Mercaptan-containing petroleum oil, Desulphurizing. W. A. Schulze. 1,998,849; Apr. 23.
- Mercaptan purification. J. R. Huffman and J. M. Whiteley. 1,995,612; Mar. 26.
- Mercaptans and thio-ethers, Producing. W. M. Lee. 2,020,421; Nov. 12.
- Mercaptans, Manufacturing. W. N. Davis and M. M. Holm. 2,013,203; Sept. 3.
- Mercaptans, Producing pure. A. E. Lacombe. 2,009,554; July 30.
- Mercapto-benzo-thiazole with a carboxylic acid halide, Reacting a. M. W. Harman. 2,010,000; Aug. 6.
- Mercapto compounds and preparing the same, Hydroxy aryl. K. W. Palmer. 2,004,728; June 11.
- Mercaptothiazoles with primary aromatic amines and formaldehyde, Method of reacting. W. E. Messer. 1,996,011; Mar. 26.
- Mercerizing process. H. Mahn. 1,998,551; Apr. 23.
- Merchandise container. C. W. Boston. 2,013,199; Sept. 3.
- Merchandise container. G. C. Woodruff. 2,008,605; July 16.
- Mechandise control system. H. C. Robinson and L. Johnston. 2,018,420; Oct. 22.
- Merchandise display rack. G. T. Crow. 2,008,748; July 23.
- Merchandising device. A. J. Weatherhead, Jr. 2,008,429; July 16.
- Merchandising package. C. M. Plochman. 1,993,978; Mar. 12.
- Merchandising package for pins. B. L. Mink. 2,019,267; Oct. 29.
- Merchandising receptacle. A. H. Koeble. 2,006,696; July 2.
- Merchant mill layout. H. H. Talbot and C. A. McDowell. 1,987,876; Jan. 15.
- Mercurial pressure gauge. F. Cossor. 2,011,928; Aug. 20.
- Mercury arc rectifier. J. Slepian and L. R. Ludwig. 2,020,915; Nov. 12.
- Mercury arc rectifier. D. C. West and H. A. Rose. 2,011,666; Aug. 20.

- Mercury arc tube, Grid controlled. J. Slepian. 2,019,277; Oct. 29.
- Mercury boiler. G. D. Ebbets. 1,991,798; Feb. 19.
- Mercury boiler. H. N. Hackett. 1,992,824; Feb. 26.
- Mercury boiler drum. H. J. Kerr, J. Prentice, and G. D. Ebbets. 1,994,521; Mar. 19.
- Mercury boiler headers with casings. H. J. Kerr. 2,003,786; June 4.
- Mercury compound and process of manufacturing. M. Engelmann and A. L. Flenner. 1,993,777; Mar. 12.
- Mercury compounds, Making organic. M. S. Kharasch. 1,987,685; Jan. 15.
- Mercury condenser. J. F. Tapie. 2,021,903; Nov. 26.
- Mercury derivatives of gallein and coerulein. B. Nelson. 2,007,582; July 9.
- Mercury derivatives of nitro-para-cresols. G. W. Raiziss. 1,985,949; Jan. 1.
- Mercury switch. C. J. Warnke. 1,993,045-6; Mar. 5.
- Mercury tube scale indicator control. A. C. Howard. 2,014,282; Sept. 10.
- Mercury tube switch, Electric. I. E. McCabe. 2,018,310; Oct. 22.
- Mercury vapor generating plant. K. Baumann and A. Stubbs. 1,993,585; Mar. 5.
- Mercury vapor heating apparatus. F. Short. 1,987,715; Jan. 15.
- Mercury vapor lamp. L. R. Ludwig. 2,006,466; July 2.
- Mercury vapor lamp. A. J. Thompson. 2,024,311; Dec. 17.
- Mercury vapor rectifier. R. M. Heintz. 1,987,338; Jan. 8.
- Meringue composition. E. F. Erickson. 2,019,123; Oct. 29.
- Merry go round. A. Asikainen. 2,018,655; Oct. 29.
- Merry-go-round. W. W. Dittmar and I. S. Barto. 2,012,378; Aug. 27.
- Merry-go-round. V. W. Jacobsen. 1,996,923; Apr. 9.
- Messages, Conveying. A. M. Fisher. 2,000,018; May 14.
- Meta-cresol-methyl-ether, Manufacture of. W. V. Wirth. 2,005,815; June 25.
- Metabolism machine. S. Soskin. 1,988,221; Jan. 15.
- Metal alloy, Alkali. D. H. Brophy. 2,000,740; May 7.
- Metal amalgamator, Precious. J. A. Hatton. 2,010,989; Aug. 13.
- Metal and bearing, Bearing. C. Pfanstiehl. 2,004,708; June 11.
- Metal and method and material for making the same, Coated nonferrous. R. R. Tanner and H. J. Lodeesen. 2,012,697; Aug. 27.
- Metal and pipe cutter, Sheet. F. M. Hooley. 1,992,211; Feb. 26.
- Metal and the manufacture thereof, Plated. E. H. Davignon. 2,024,150; Dec. 17.
- Metal and wood. Adhesively joining. W. L. Jones. 2,006,770; July 2.
- Metal, Apparatus for drawing. E. H. Arnold. 1,999,386; Apr. 30.
- Metal, Apparatus for shipping. W. C. Tamplin. 2,005,117; June 18.
- Metal, Apparatus for uncoiling coiled sheet. W. H. Hofer. 2,020,889; Nov. 12.
- Metal, Apparatus for working sheet. R. J. Miller. 2,006,087; June 25.
- Metal article. O. Feussner and A. Jedele. 2,001,017; May 14.
- Metal article. L. M. Smoyer. 2,024,072; Dec. 10.
- Metal article and preparing same. W. R. Shimer, J. A. Kinney, and F. O. Kichline. 2,003,094; May 28.
- Metal article, Duplex. R. H. Brown. 1,997,165-6; Apr. 9.
- Metal article, Duplex. R. H. Brown. 2,023,512; Dec. 10.
- Metal article, Duplex. F. Keller and G. F. Sager. 2,017,757; Oct. 15.
- Metal article, Making a sheet. A. Millinger. 2,023,933; Dec. 10.
- Metal articles, Annealing. J. E. Hutchman. 2,006,168; June 25.
- Metal articles, Apparatus for molding hollow. G. C. Clark. 1,994,570; Mar. 19.
- Metal articles, Apparatus for rolling tapered. R. C. Ingersoll and S. S. Battles. 1,995,149; Mar. 19.
- Metal articles, Electrically welding thin. T. Hansen. 2,025,741; Dec. 31.
- Metal articles, Enameling. H. F. Staley. 1,996,840; Apr. 9.
- Metal articles, Manufacturing composite. M. R. Trembour and H. Wilson, Jr. 2,002,229; May 21.
- Metal articles, Method and apparatus for making sheet. P. Peterson. 2,002,097; May 21.
- Metal articles, Operating on sheet. C. F. Merrill and G. C. Young. 2,024,108; Dec. 10.
- Metal articles, Preventing tarnishing of. E. Raub. 1,995,225; Mar. 19.
- Metal articles, Surfacing hardening. W. A. Wissler. 2,002,198; May 21.
- Metal bending machine. O. H. Jensen. 2,022,915; Dec. 3.
- Metal bending machine. J. C. Sweeney. 2,018,040; Oct. 22.
- Metal blanks, Producing scroll-edged. J. H. Murch. 1,992,962; Mar. 5.
- Metal bodies, Production of large crystal. T. Millner and P. Tury. 2,012,825; Aug. 27.
- Metal body and making same, Hollow wrought. E. S. Cornell, Jr. 2,025,973; Dec. 31.
- Metal body resistant to fluctuating stresses. H. W. Graham and S. L. Case. 2,003,710; June 4.
- Metal building construction. D. E. Ross. 1,986,980; Jan. 8.
- Metal building construction, Sheet. J. F. Loucks. 1,997,939; Apr. 16.
- Metal caps, Method of and apparatus for threading. J. J. Williams. 2,024,262; Dec. 17.
- Metal carbamates, Production of. E. Kuss and E. Germann. 2,023,890; Dec. 10.
- Metal carbonyls, Manufacture of. L. Schlecht and E. Keunecke. 1,996,833; Apr. 9.
- Metal casting, Ferrous. A. M. Henry. 1,997,405; Apr. 9.
- Metal casting system. S. P. Wetherill, Jr., and F. F. Shoemaker. 2,018,586; Oct. 22.
- Metal cleaning composition. P. Hodges. 1,993,097; Mar. 5.
- Metal cleaning machine. C. W. Dake and J. E. Linabury. 1,990,318; Feb. 5.
- Metal closure. H. A. Barnby. 2,018,006; Oct. 22.
- Metal coating for electroplated articles. A. G. Russell. 1,994,668; Mar. 19.
- Metal complex compound solution. F. Jostes. 2,008,252; July 16.
- Metal compound and making the same, Refractory. J. H. L. De Bats. 1,993,598; Mar. 5.
- Metal compound containing an isoindole nucleus and making the same. J. F. Thorpe, R. P. Linstead, and J. Thomas. 2,000,051; May 7.
- Metal compound of ortho hydroxyazo dyestuffs, Complex. F. Lange. 2,015,226; Sept. 24.
- Metal compound of polyhydroxy benzene derivatives and making it, Complex. H. Schmidt. 1,988,575; Jan. 22.
- Metal compounds of azo dyestuffs and their production, Complex. H. Krzikalla and K. Holzach. 2,019,915; Nov. 5.
- Metal compounds of azo dyestuffs, Complex. H. Krzikalla and W. Limbacher. 1,991,808; Feb. 19.
- Metal compounds, Treating rare-earth. R. Schulze. 2,013,767; Sept. 10.
- Metal container. C. Hammer. 2,003,784; June 4.
- Metal container. W. W. Hodgson. 2,017,002; Oct. 8.
- Metal container. A. L. Kronquest. 1,995,990; Mar. 26.
- Metal container. W. F. Punte. 2,004,828; June 16.
- Metal container. W. F. Punte. 2,020,209; Nov. 5.
- Metal container. C. A. Racine and W. D. Graham. 1,988,962; Jan. 22.
- Metal container. E. Scofield. 2,020,383; Nov. 12.
- Metal container, Sheet. J. Coyle. 2,004,852; June 11.
- Metal curtain slat joint. E. G. Anderson. 2,019,379; Oct. 29.
- Metal cutting. R. R. Roemer. 2,022,433; Nov. 26.
- Metal cutting and forming apparatus. R. E. Beegle. 1,997,098; Apr. 9.
- Metal cutting machine. J. L. Anderson. 2,001,294; May 14.
- Metal cutting machine. E. E. Nygren. 2,025,070; Dec. 24.
- Metal cutting or reaming device. M. C. Hutto. 2,018,674; Oct. 29.
- Metal cutting tool. A. L. Wallace. 2,007,355; July 9.
- Metal deposits in oxide coatings. R. B. Mason. 1,988,012; Jan. 15.
- Metal digester having a corrosive resistant metal lining. P. B. Lacy, E. F. Libby, and R. V. Metz. 2,022,378; Nov. 26.
- Metal displacement device, Molten. P. H. Beitman. 2,022,334; Nov. 26.
- Metal display rack. W. J. Kernaghan. 1,991,102; Feb. 12.
- Metal edging for desk or table tops. F. L. G. Straubel. 2,021,751; Nov. 19.
- Metal for condensers, Filming. P. E. Edelman. 2,014,169; Sept. 10.
- Metal for vitreous enamel, Base. C. H. Butts. 1,996,568; Apr. 2.
- Metal for welding, Preparing. C. Firth. 1,989,796; Feb. 5.
- Metal forming machine, Sheet. H. A. Berliner and C. De Boer. 2,016,981; Oct. 8.
- Metal grand stand, Fabricated. W. N. Woodbury. 1,986,174; Jan. 1.
- Metal Guiding and cooling rolled. A. B. Haswell. 1,998,192; Apr. 16.
- Metal halide addition compounds of diazonium halides, Precipitation of. L. H. Flett. 1,999,723; Apr. 30.
- Metal, Handling and shipping sheet. E. I. Burke. 2,023,912; Dec. 10.
- Metal handling apparatus, Sheet. K. C. Gardner, C. F. Buente, and G. G. Beard. 2,011,810; Aug. 20.
- Metal, Hard. B. Ketkenheuer. 2,023,413; Dec. 10.
- Metal, High temperature thermostatic. H. Scott. 1,987,714; Jan. 15.
- Metal inlays, Apparatus for making. W. O. Burrows. 1,987,924; Jan. 15.
- Metal inserts in internal combustion engines, Assembling hard. F. Glassford. 1,987,677; Jan. 15.
- Metal into molded parts. Converting rough. J. Quinn and E. D. Martin. 2,019,727; Nov. 5.
- Metal, Loose leaf binder. R. R. Watson. 2,001,170; May 14.
- Metal, Magnesium duplex. R. H. Brown and L. A. Willey. 2,011,613; Aug. 20.
- Metal, Making a hard lining. F. A. Kormann and W. F. Hirsch. 2,025,060; Dec. 24.
- Metal, Method and apparatus for producing low carbon. H. A. Brassert. 1,991,008; Feb. 12.
- Metal, Method of and apparatus for pickling or swilling sheet. F. J. Taylor. 1,990,761; Feb. 12.

- Metal, Method of and material for treating. J. L. Tufts. 2,008,939; July 23.
- Metal ores, Production of. H. J. J. Janssen. 2,019,785; Nov. 5.
- Metal packs, Rolling sheet. A. Paterson. 1,994,662; Mar. 19.
- Metal parts, Uniting. O. E. Andrus. 2,015,173; Sept. 24.
- Metal parts, Welding. F. Earle. 2,002,222; May 21.
- Metal pieces, Pickling of. J. R. Bottoms. 2,008,781; July 23.
- Metal plates, Apparatus for feeding. A. Hormel. 2,019,973; Nov. 5.
- Metal plates, Making composite. W. C. Johnson and A. E. Maskrey. 2,018,725; Oct. 29.
- Metal polish. H. W. Witzel. 1,997,989; Apr. 16.
- Metal pressings, Trimming sheet. R. E. Smith. 2,014,596; Sept. 17.
- Metal processing machine. H. G. R. Bennett. 2,005,127; June 18.
- Metal, Processing sheet. E. T. Lorig and C. E. Moore. 2,017,403; Oct. 15.
- Metal, Refining molten. R. Robinson. 1,997,602; Apr. 16.
- Metal-refractory joint. J. E. Lilienfeld. 2,015,483; Sept. 24.
- Metal, Rolling sheet. W. L. Goodhue. 2,005,315; June 18.
- Metal salts of acetylsalicylic acid, Preparation of. C. O. Miller. 1,993,743; Mar. 12.
- Metal sawing and filing machine. V. A. Boker. 2,018,831; Oct. 29.
- Metal separation. A. E. Vandercook. 1,987,454; Jan. 8.
- Metal shapes, Fastening. D. E. Ross. 1,986,981; Jan. 8.
- Metal shearing apparatus. J. Geggus. 1,989,136; Jan. 29.
- Metal, Sheet. H. B. White. Des. 95,100; Apr. 2.
- Metal sheets and strips, Method and apparatus for manufacturing. F. C. Biggert, Jr. 2,004,596; June 11.
- Metal sheets, Method of and apparatus for treating. J. H. Van Campen. 1,988,344; Jan. 15.
- Metal sheets, Rolling. N. C. Rendleman. 2,021,328; Nov. 19.
- Metal, Shipping sheet. E. B. Ricketts. 1,988,514; Jan. 22.
- Metal, Shipping sheet. E. B. Ricketts and A. H. Moon. 1,988,513; Jan. 22.
- Metal, Spinning. J. M. Wyer. 2,022,797; Dec. 3.
- Metal spraying device. R. Lensch and P. Leder. 1,987,016; Jan. 8.
- Metal spring cover. F. H. Schlesler. 2,014,265; Sept. 10.
- Metal stemming stick. E. Kamrass. 1,990,407; Feb. 5.
- Metal strip and making same, Composite. G. L. Sherwood. 1,999,114; Apr. 23.
- Metal strip, Method and apparatus for stitching. J. Bigger. 1,987,176; Jan. 8.
- Metal strip, Rolling. F. C. Biggert, Jr. 2,012,706; Aug. 27.
- Metal strips, Apparatus for coating. T. D. Williams. 2,005,307; June 18.
- Metal strips to rolls or rolling mills, Cleaning and feeding of. F. G. Ratcliff. 2,003,054; May 28.
- Metal strips to sheets of wood, composition boarding or the like, Apparatus for attaching. A. M. Kamper. 2,002,265; May 21.
- Metal structure. H. K. Baker. 2,025,708; Dec. 31.
- Metal structure. F. Mazzini. 2,012,198; Aug. 20.
- Metal structure, Sheet. E. J. W. Ragsdale. 2,007,898; July 9.
- Metal surfaces, Protection of. J. A. Almquist. 2,017,428; Oct. 15.
- Metal, Thermostatic. C. R. E. Wohrman. 1,991,438; Feb. 19.
- Metal to be welded, Apparatus for preparing sheet. E. Turnquist. 1,991,642; Feb. 19.
- Metal to be welded, Preparing sheet. E. Turnquist. 1,987,164; Jan. 8.
- Metal to rolling mills, Apparatus for automatic feeding of. N. Ericsson. 2,018,013; Oct. 22.
- Metal to the metal pots of typographical casting machines, Feeding. C. A. Albrecht. 1,995,558; Mar. 26.
- Metal, Treating. C. Kocour. 1,991,395; Feb. 19.
- Metal treating apparatus. R. J. Wean and L. D. Pelk. 2,001,948; May 21.
- Metal, Treating molten. E. P. Fleming and S. L. Palmer. 2,005,540; June 18.
- Metal treatment. C. F. Lauenstein. 1,987,481; Jan. 8.
- Metal values from ores, Extracting. H. C. Claflin and D. O. Hubbard. 1,991,272; Feb. 12.
- Metalware joints, Making sheet. A. Shatkin. 1,995,364; Mar. 26.
- Metal, Welding refractory. R. Wildermann. 1,990,314; Feb. 5.
- Metal wheel. G. G. McNamara. 1,996,250; Apr. 2.
- Metal wheel. G. Spatta. 2,000,573; May 7.
- Metal with phosphide case and producing same. R. B. McCauley. 2,007,977-8; July 16.
- Metal wires to glass, Sealing. D. S. Gustin and W. D. Flook. 2,006,568; July 2.
- Metal wool, Method and apparatus for handling and shaping. C. Field. 2,012,907-8; Aug. 27.
- Metal work, Apparatus for and art of treatment of. H. Rosenberg. 2,014,296; Sept. 10.
- Metal work, Treating. H. Rosenberg. 2,014,295; Sept. 10.
- Metal working. D. L. Derrom. 1,995,419; Mar. 26.
- Metal working apparatus. E. C. Bullard. 1,999,393; Apr. 30.
- Metal working machine. G. T. Moo. 1,988,326; Jan. 15.
- Metal working machinery. O. H. Noble and W. J. Struewing. 2,024,535; Dec. 17.
- Metal working process. A. Rosner. 2,009,206; July 23.
- Metal working rolls, Apparatus for cleaning. L. S. Dahl and J. L. Peet. 1,994,691; Mar. 19.
- Metal working rolls, Apparatus for maintaining constant the temperature of. E. T. Lorig and C. E. Moore. 1,994,721; Mar. 19.
- Metal working tool. F. P. Lovejoy. 2,021,188; Nov. 19.
- Metallic article, Apparatus for producing a thermoplastic covered. J. D'A. Clark and H. A. Kidd. 1,996,951; Apr. 9.
- Metallic composition. W. J. Harshaw. 1,986,197; Jan. 1.
- Metallic compounds of saturated aliphatic hydroxy carboxylic acids containing the metal in its higher state of valency and making the same, Complex. H. Schmidt. 2,018,811; Oct. 29.
- Metallic connector. H. A. Douglas. 2,010,453; Aug. 6.
- Metallic container. W. R. Miller. 2,000,780; May 7.
- Metallic dust, Apparatus and method for producing. W. Hegmann. 2,006,891; July 2.
- Metallic frame. M. Esser. 2,015,447; Sept. 24.
- Metallic inlaid structure, Making a compound. N. L. Derby. 1,991,496; Feb. 19.
- Metallic inlay decoration for spectacle cases. C. R. Jerry. 2,022,316; Nov. 26.
- Metallic organo derivatives. S. Shappirio. 2,012,356; Aug. 27.
- Metallic pad. G. R. Schmidt. 2,021,749; Nov. 19.
- Metallic receptacle. E. D. Thompson. 2,005,248; June 18.
- Metallic sheets, Cleaning. H. W. Nieman. 1,999,822; Apr. 30.
- Metallic sheets, Device for cleaning and polishing. A. F. Warden. 2,017,381; Oct. 15.
- Metallic sheets to various surfaces, Applying mechanically thin. H. Rose. 2,009,003; July 23.
- Metallic structure. A. C. Pingston. 1,988,253; Jan. 15.
- Metallic structure. J. A. Stromberg. 2,008,087; July 16.
- Metallic structure and making the same. W. de Fries. 2,003,138; May 28.
- Metallic surfaces, Joining. R. W. Shannon. 1,996,657; Apr. 2.
- Metallurgical furnace. P. M. Ginder. 2,009,547; July 30.
- Metallurgical furnace. W. M. Henry. 2,025,165; Dec. 24.
- Metallurgical furnace. C. R. Kuzell. 2,013,966; Sept. 10.
- Metallurgical furnace. L. S. Longenecker. 2,024,649; Dec. 17.
- Metallurgical furnace. J. D. Pugh. 1,995,941; Mar. 26.
- Metallurgical furnace. W. J. Thomas. 2,013,975; Sept. 10.
- Metallurgical furnace. P. B. Tonnar. 2,017,480; Oct. 15.
- Metallurgical process. R. F. Meyer. 1,990,299; Feb. 5.
- Metallurgical process and apparatus. F. W. Traphagen. 2,017,330; Oct. 15.
- Metallurgy. F. Laist. 2,023,424; Dec. 10.
- Metals and metalloids from ores, Eliminating contaminating. A. L. J. Queneau. 1,999,209; Apr. 30.
- Metals and producing the same, Clad. L. F. Ehrke. 2,003,481; June 4.
- Metals, Apparatus for casting. C. C. Hill and W. M. Henry. 1,994,705; Mar. 19.
- Metals, Apparatus for extruding. C. C. Jacobson. 2,015,111; Sept. 24.
- Metals, Apparatus for fusing. J. A. Zublin. 2,022,171; Nov. 26.
- Metals by electromagnetic forces, Treatment of. W. W. Hoke. 2,013,653; Sept. 10.
- Metals, Casting of. G. Williams. 2,023,562; Dec. 10.
- Metals, Chloridization of. J. O. Betterton. 2,019,470; Oct. 29.
- Metals, Distillation of readily volatilizable. F. Johannsen. 2,017,401; Oct. 15.
- Metals electronegative to iron, Brightening. G. Dubpernell and K. G. Soderberg. 2,021,592; Nov. 19.
- Metals, etc., Device for detecting. G. U. Planta. 2,012,479; Aug. 27.
- Metals from beryllium minerals, Extracting. H. H. Armstrong. 1,991,269; Feb. 12.
- Metals, Liberation of alkali. P. L. Spencer. 2,018,815; Oct. 29.
- Metals, Method and apparatus for electric resistance welding of. D. Sciaky. 2,016,728; Oct. 8.
- Metals, Method of and apparatus for recovering. F. W. Locke. 1,991,763; Feb. 19.
- Metals, Method of and apparatus for treating. G. E. Hilliard. 2,002,010; May 21.
- Metals of the platinum group and certain alloys. O. Feussner and A. Jede. 1,990,277; Feb. 5.
- Metals, Pickling of ferrous. W. P. ter Horst. 2,005,601; June 18.
- Metals, Process and bath for pickling. V. Voorhees. 2,005,605; June 18.
- Metals, Producing clad. F. H. Driggs. 2,019,599; Nov. 5.
- Metals, Production and refining of. A. G. McGregor. 1,992,084; Feb. 19.
- Metals, Purification or separation of. L. S. Holstein and P. M. Ginder. 1,994,358; Mar. 12.
- Metals, Rolling sheet. H. G. McIlvried. 2,025,002; Dec. 17.
- Metals, Separation of. C. Müller, L. Schlecht, and E. Keuncke. 2,004,534; June 11.
- Metals, Spot welding refractory. W. W. Eitel and J. McCullough. 2,005,256; June 18.
- Metals, Sweating out fusible. W. F. Eppensteiner. 1,989,852; Feb. 5.

- Metals, Testing. H. T. Hallowell. 2,010,189; Aug. 6.
 Metals to prevent spotting out, Treating. O. G. Smidel. 2,009,278; July 23.
 Metals, Treating. J. H. L. De Bats. 1,986,426; Jan. 1.
 Metals, Treatment of. E. G. Herbert. 1,988,040; Jan. 15.
 Metals, Treatment of ferrous. W. R. Bennett. 1,997,567; Apr. 16.
 Metals with slags, Treatment of. R. Perrin. 2,015,691; Oct. 1.
 Metaphosphate, Noncaking. G. W. Smith. 2,024,543; Dec. 17.
 Metatarsal pad. A. A. Bilbrey and M. D. Vinyard. 2,020,395; Nov. 12.
 Metatarsal pad and heel cup, Exuding. C. O. Johnson. 2,021,729; Nov. 19.
 Meter: See—
 Appliance meter.
 Anemometry and gas flow meter.
 Antitampering meter.
 Automatic parking meter.
 Casing meter.
 Compensated flow meter.
 Demand meter.
 Electric flow meter.
 Electric meter.
 Electricity meter.
 Exposure meter.
 Flow meter.
 Fluid flow meter.
 Fluid meter.
 Frequency meter.
 Gas density meter.
 Gas meter.
 Gas-time meter.
 Governor meter.
 Gravity meter.
 Induction meter.
 Integrating meter.
 Liquid meter.
 Maximum demand meter.
 Mechanical impedance meter.
 Multi-torsion-meter.
 Orifice meter.
 Oscillating meter.
 Penalizing meter.
 Photographic exposure meter.
 Piston meter.
 Postage meter.
 Pupil distance meter.
 Recording meter.
 Roentgen meter.
 Summation meter.
 Vacuum tube meter.
 Water meter.
 Wet drum meter.
 Meter. E. L. Canfield. 2,003,919; June 4.
 Meter. R. Pudelko. 1,997,743; Apr. 16.
 Meter. D. A. Young. 2,000,731; May 7.
 Meter and controlling mechanism therefor, Electricity. J. Mettler. 1,988,014; Jan. 15.
 Meter and diaphragm therefor, Gas. W. H. Fulweiler and C. W. Jordan. 1,990,320; Feb. 5.
 Meter and method, Modulation. W. N. Tuttle. 2,012,291; Aug. 27.
 Meter and telescope range finder, Combination distance. E. Leitz, Jr. 1,992,534; Feb. 26.
 Meter and view finder, Combined distance. H. Küppenbender and M. Nowicki. 2,023,838; Dec. 10.
 Meter block connector. J. G. Jackson and C. W. Wolf. 2,006,768; July 2.
 Meter box. H. M. Lofton. 2,018,615; Oct. 22.
 Meter box with cut-out control and fuse drawer for electric meters, Tamperproof. F. A. Bruno. 2,001,051; May 14.
 Meter casing. T. A. Abbott and H. A. Bakke. 1,995,878; Mar. 26.
 Meter connecting device. O. M. Olsen. 2,010,678; Aug. 6.
 Meter connection, Water. A. H. Kennedy. 1,993,243; Mar. 5.
 Meter construction. H. J. Pardee. 2,005,845; June 25.
 Meter controlled lock. G. W. Lawrence. 1,988,625; Jan. 22.
 Meter coupling. H. M. Adams. 1,997,845; Apr. 16.
 Meter fitting, Orifice. G. Z. Greene. 2,014,682; Sept. 17.
 Meter fitting, Orifice. H. H. Robinson. 2,011,082; Aug. 13.
 Meter for high frequency measurements, Power factor. A. Mollath and H. O. Roosenstein. 1,999,250; Apr. 30.
 Meter for liquid dispensing apparatus. R. J. Jauch and R. H. Arnold. 1,999,362; Apr. 30.
 Meter for liquids. R. E. Bechtold. 2,021,882; Nov. 26.
 Meter for motion picture cameras, Film footage. J. Mihalyi. 2,008,988; July 23.
 Meter for the intake manifold of an internal combustion engine, Auxiliary air. F. W. Thomas. 1,996,219; Apr. 2.
 Meter installation, Apparatus for multiple. E. G. Johanson. 2,015,112; Sept. 24.
 Meter installation, Wide range orifice. W. H. Parker. 2,020,432; Nov. 12.
 Meter mechanism. A. E. Hutt. 2,016,502; Oct. 8.
 Meter mechanism, Prepayment. R. C. Graseby. 2,004,526; June 11.
 Meter of the thermal type, Electric. P. M. Lincoln. 1,992,535; Feb. 26.
 Meter reading apparatus. P. Yates. 2,007,669; July 9.
 Meter service appliance, Electric. J. Sachs. 1,992,720; Feb. 26.
 Meter support. J. L. Ford. 1,988,003; Jan. 15.
 Meter test switch. G. E. Wadsworth. 2,020,486; Nov. 12.
 Meter testing apparatus. P. B. R. Baas. 1,991,310; Feb. 12.
 Meter testing device. C. P. Owens. 1,987,564; Jan. 8.
 Meter testing device, Electric. F. Strattner. 2,013,393; Sept. 3.
 Meter with compensator, Gravity. O. H. Truman. 1,993,345; Apr. 16.
 Meter with view finder, Mirror basis distance. H. Küppenbender and M. Nowicki. 2,015,314; Sept. 24.
 Metered grease dispenser. R. M. Bagley. 2,006,532; July 2.
 Metering apparatus for mixing machines. S. Shafer, Jr., and C. F. Ball. 2,025,003; Dec. 17.
 Metering control mechanism. C. E. Dirkes. 1,995,342; Mar. 26.
 Metering device. L. C. De Spain. 1,993,210; Mar. 5.
 Metering system. G. R. Shuck. 2,009,708; July 30.
 Metering system, Remote. B. H. Leeson, J. A. Harle, and D. E. Lambert. 1,996,677; Apr. 2.
 Metering through the medium of the versed sine, Apparatus for. E. S. Smith, Jr. 2,003,839; June 4.
 Metering valve. E. G. Spangler. 2,025,076; Dec. 24.
 Methane, Producing. A. M. Buswell and C. S. Boruff. 1,990,523; Feb. 12.
 Methanol, Dehydrogenation of. J. F. Eversole. 2,010,427; Aug. 6.
 Methanol manufacture and catalyst therefor. B. F. Dodge. 2,014,883; Sept. 17.
 Method and apparatus for rehabilitating peristalsis of the colon. H. E. Dierker. 2,024,967; Dec. 17.
 Method and apparatus for the storage, curing, and preservation of hay. J. G. Shodron. 1,989,530; Jan. 29.
 Methylamine, Manufacture of. H. Dreyfus. 2,011,569; Aug. 20.
 Methylamine, Production of. H. Dreyfus. 2,011,570; Aug. 20.
 Methyl-anthraquinone, Preparation of. L. Spiegler. 2,002,988; May 28.
 Methyl chloride, Production of. H. Klein and C. Pfaunder. 2,026,131; Dec. 31.
 Methyl ether, Preparation of. J. C. Woodhouse. 2,014,408; Sept. 17.
 Methylene ethers, Preparation of. T. Birchall and S. Coffey. 2,021,680; Nov. 19.
 Mica and vermiculite, Removing waste materials from. J. T. Stroehli. 1,989,830; Feb. 5.
 Mica laying machine. L. T. Frederick. 1,987,556; Jan. 8.
 Mica product and making same, Flexible. W. A. Boughton. 2,012,948; Sept. 3.
 Mica products, Making. W. A. Boughton and W. R. Mansfield. 2,017,943; Oct. 22.
 Micrometer caliper. E. H. Reed. 2,009,519; July 30.
 Micrometer, Grid glow. R. W. Carson. 2,005,887; June 25.
 Micrometer key gauge. A. H. Roos. 2,021,201; Nov. 19.
 Micronizer head. W. S. Bowen. 2,005,987; June 25.
 Micro-organisms, Devitalization of pathogenic. W. G. Christiansen, E. Moness, and S. E. Harris. 2,015,720; Sept. 17.
 Microscillograph. A. Distell. 2,007,017; July 2.
 Microphone. G. R. Eaton. 2,014,427; Sept. 17.
 Microphone. R. T. Rutherford. 2,024,705; Dec. 17.
 Microphone. J. L. Snoek. 1,986,609; Jan. 1.
 Microphone, Carbon. R. Vermeulen. 2,015,169; Sept. 24.
 Microphone, Double reflector type. O. B. Hanson. 2,017,122; Oct. 15.
 Microphone stand, Adjustable. R. F. Schuetz. 2,010,566; Aug. 6.
 Microphone transmitter. H. F. Olson. 1,987,413; Jan. 8.
 Microphone transmitter, Alternating current. A. K. Ward and P. M. Craig. 2,015,827; Oct. 1.
 Micro-projector. R. P. Porter. 2,017,292; Oct. 15.
 Microscope. H. N. Ott. 2,003,387; June 4.
 Microscope. R. Powell. 2,013,422; Sept. 3.
 Microscope and microscope slide. J. Broadhurst and C. F. Sulzner. 1,996,141; Apr. 2.
 Microscope having a deviated path of imaging rays. F. Hauser. 1,987,776; Jan. 15.
 Microscope illuminator. G. A. Ellestad. 2,004,806; June 11.
 Microscope, Projecting. P. Hirt. 1,989,691; Feb. 5.
 Microscope slide. J. S. Newman. 1,991,983; Feb. 19.
 Microscope stage. W. Bauersfeld. 1,998,216; Apr. 16.
 Microscope stand. W. Bauersfeld. 2,000,737; May 7.
 Microtome knife holder, Safety. A. F. Huettner. 1,998,428; Apr. 16.
 Milk and chocolate suspension. D. E. Linn. 1,989,758; Feb. 5.
 Milk and other liquids, Sterilization of. J. F. Russell. 2,024,255; Dec. 17.
 Milk and other substances, Apparatus for pasteurizing. A. G. Enock. 2,000,514; May 7.
 Milk, Apparatus for handling and dispensing loose. H. J. Heins. 2,023,836; Dec. 10.
 Milk boiling apparatus. T. van Buuren. 2,008,805; July 23.
 Milk bottle case. J. F. Maurer, Jr. 2,011,367; Aug. 13.
 Milk bottle cover. A. Simeone. 2,024,889; Dec. 17.
 Milk bottle holder. H. D. Cole. 2,026,160; Dec. 31.
 Milk bottle lock. P. M. Otero. 1,997,946; Apr. 16.
 Milk can. J. P. Walker. 2,022,063; Nov. 26.
 Milk can cover. E. A. Wilson. 2,016,979; Oct. 8.
 Milk cooler. E. P. Hocking. 2,005,033; June 18.
 Milk conditioner. F. M. Blahnik. 1,992,988; Mar. 5.
 Milk conditioning device. J. J. Hiller. 2,026,090; Dec. 31.
 Milk constituents, Isolation of. A. S. Ambrose. 1,991,189; Feb. 12.
 Milk delivery system, Continuous. C. H. Hapgood. 2,009,400; July 30.
 Milk dispensing device. H. J. Heins. 2,023,837; Dec. 10.
 Milk having inclined rolls, Rolling. F. Kocks. 1,990,607; Feb. 12.
 Milk of a coconut, Apparatus for extracting the. S. Estrada, E. Mauri, and A. Ivey. 1,992,479; Feb. 26.
 Milk or other liquids, Preventing the formation of skum or skim on the top of. R. Ramsden. 1,990,918; Feb. 12.
 Milk pail holder. A. R. Mellor. 2,007,207; July 9.

- Milk powder and similar colloidal products, Stabilizing. F. Y. Chuck. 2,016,592; Oct. 8.
- Milk product. H. E. Otting. 1,992,836; Feb. 26.
- Milk pump. C. H. Hapgood. 1,995,611; Mar. 26.
- Milk suspension and making the same, Stabilized yeasted. L. Warncke. 1,994,496; Mar. 19.
- Milk testing device. C. H. Carpenter and C. M. Derby. 2,000,579; May 7.
- Milk to cans, Apparatus for delivering. C. H. Hapgood. 2,006,393; July 2.
- Milk, Treating. B. H. Webb. 2,010,573; Aug. 6.
- Milk, Treatment of. E. Lundstedt. 1,998,141; Apr. 16.
- Milking device, Gravity type. R. S. Benson. 1,992,807; Feb. 26.
- Milking machine. C. H. Hapgood. 2,009,399; July 30.
- Milking machine. R. L. Hinman. 2,014,842; Sept. 17.
- Milking machine. H. L. Morency. 2,002,920; May 28.
- Milking machine attachment. R. W. Hurlburt. 2,006,272; June 25.
- Milking machine check valve chamber. C. H. Hapgood. 2,003,590; June 4.
- Milking machine connector and pneumatic and electric conductor therefor. S. J. Erling. 2,003,586; June 4.
- Milking machine installation. N. Corderoy. 2,021,591; Nov. 19.
- Milking machine pulsation mechanism, Electro-pneumatic. C. H. Hapgood. 2,007,163; July 9.
- Milking machine pulsator. S. J. Erling. 2,018,713; Oct. 29.
- Mill: *See*—
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| Attrition mill. | Pulverizing mill. |
| Ball mill. | Quartz mill. |
| Cold strip rolling mill. | Rod mill. |
| Colloid mill. | Roll mill. |
| Cutter mill. | Rolling mill. |
| Cutting and grinding mill. | Roughage mill. |
| Dual-fed mill. | Sheet rolling mill. |
| Grinding mill. | Stamp mill. |
| Hammer mill. | Tube expanding mill. |
| Intercone mill. | Tube rolling mill. |
| Jar mill. | Tumbling mill. |
| Pilger rolling mill. | Universal rolling mill. |
- Mill and control mechanism therefor, Rolling. H. C. Mosley. 1,987,204; Jan. 8.
- Mill and crusher, Combined quartz. A. Mole. 1,997,531; Apr. 9.
- Mill and operating the same, Colloid. H. R. Rafton. 1,987,944; Jan. 15.
- Mill driving means, Rolling. F. Kocks. 2,023,231; Dec. 3.
- Mill-driving process and apparatus. W. B. Senseman. 2,023,247; Dec. 3.
- Mill feeding apparatus, Rolling. H. H. Talbot. 2,001,637; May 14.
- Mill guide, Rolling. H. R. Geer. 2,016,141; Oct. 1.
- Mill mandrel bar. W. Bark, J. V. Mazurle, and O. F. Olson. 2,017,389; Oct. 15.
- Mill mandrel, Rolling mill. S. E. Diescher. 1,989,507; Jan. 29.
- Mill products for alimentary purposes and of paste goods and baked products from such milled products, Manufacture of. M. Bienenstock, C. Ladislaus, J. Pless, A. Sági, and E. Sági. 2,025,705; Dec. 31.
- Mill roll carrier, One-man. V. B. Dutton. 2,019,256; Oct. 29.
- Mill roll, Rolling. J. L. Adams, Jr. 1,996,500; Apr. 2.
- Mill setting, Roll. L. S. Dahl. 2,017,040; Oct. 15.
- Milling and like machine, Knee and column. R. Stuhl-macher. 2,007,314; July 9.
- Milling machine. W. D. Archea and M. Romaine. 2,003,572; June 4.
- Milling machine. W. and J. P. Ferris and W. Mickelson. 1,995,638; Mar. 26.
- Milling machine. H. O. Fletcher. 2,007,827; July 9.
- Milling machine. P. P. G. Hall. 2,008,757; July 23.
- Milling machine. W. Hucal. 2,003,936; June 4.
- Milling machine. N. M. Marsilius. 2,017,913; Oct. 22.
- Milling machine. L. F. Nenninger and S. Einstein. 1,997,338; Apr. 9.
- Milling machine. L. F. Nenninger and H. Ernst. 2,012,081; Aug. 20.
- Milling machine. R. Stuhl-macher. 1,992,403; Feb. 26.
- Milling machine. F. W. Whitehead. 2,006,123; June 25.
- Milling machine for cam shafts and the like. W. Sinclair. 1,988,520; Jan. 22.
- Milling machine organization. E. J. Kearney, F. A. Parsons, and J. B. Armitage. 2,004,441; June 11.
- Milling machine transmission and control mechanism. E. G. Roehm. 2,025,902; Dec. 31.
- Mills, Runout returner for rolling. R. H. Lowndes. 2,014,855; Sept. 17.
- Millwork measuring, Rolling. R. E. Peterson. 2,005,325; June 18.
- Mine. F. L. Young. 1,989,838; Feb. 5.
- Mine walling. J. Parusel. 2,019,629; Nov. 5.
- Mineral concentration. S. Klosky. 1,996,021; Mar. 26.
- Mineral concentration. J. T. Singleton. 1,996,035; Mar. 26.
- Mineral oil composition. B. W. Story and E. W. Fuller. 2,000,105; May 7.
- Mineral fiber, Producing. I. B. Engle. 2,020,403; Nov. 12.
- Mineral filtering substance. P. G. Nutting. 2,014,503; Sept. 17.
- Mineral hydrocarbon products, Stabilization of. F. B. Downing and H. W. Walker. 2,025,192; Dec. 24.
- Mineral matter, Bleaching. F. W. Binns. 2,020,132; Nov. 5.
- Mineral oil preparation, Producing solidified. E. O. Ornfeldt. 1,996,168; Apr. 2.
- Mineral particles, Apparatus for the concentration and/or sizing. F. J. Tromp. 1,999,000; Apr. 23.
- Mineral salts, Apparatus for treating. K. Haase and W. Michels. 2,012,098; Aug. 20.
- Mineral separator. J. W. Reed. 2,014,291; Sept. 10.
- Mineral separator. W. R. J. Woock. 2,001,756; May 21.
- Mineral substances or aggregates, Pulverizing. R. S. Dean and J. Gross. 2,010,981; Aug. 13.
- Mineral wool and manufacture thereof. J. E. Morrow and J. B. Barnitt. 2,022,811; Dec. 3.
- Mineral wool, Manufacturing moisture-resistant. E. A. Toohey. 2,022,750; Dec. 3.
- Minerals by froth flotation, Concentrating nonsulphide. F. Weed and E. E. Ellis. 2,014,406; Sept. 17.
- Minerals, Concentration of. O. C. Ralston. 1,995,817; Mar. 26.
- Minerals, Flotation of. C. L. Burdick. 1,995,915; Mar. 26.
- Minerals separating and concentrating machine. W. J. Hancock. 2,012,192; Aug. 20.
- Miner's lamp. G. Wheat. 2,021,111; Nov. 12.
- Minerva printing press. M. A. Suarez. 2,011,736; Aug. 20.
- Mining. E. A. Thomas and E. M. Cadwallader. 1,998,294; Apr. 16.
- Mining apparatus. C. G. Boudette. 2,007,903; July 9.
- Mining apparatus. L. A. Maxson. 2,007,902; July 9.
- Mining apparatus. T. F. McCarthy. 1,995,188; Mar. 19.
- Mining apparatus. C. F. Osgood. 1,996,773; Apr. 9.
- Mining apparatus. C. F. Osgood. 2,007,900-01; July 9.
- Mining apparatus. C. F. Osgood. 2,007,905-8; July 9.
- Mining drill. W. Cook. 2,010,509-10; Aug. 6.
- Mining machine. W. J. Baurath. 2,020,169; Nov. 5.
- Mining machine. H. W. Drieheaus. 2,006,855; July 2.
- Mining machine. M. P. Holmes. 1,996,765-6; Apr. 9.
- Mining machine. N. D. Levin. 2,021,664; Nov. 19.
- Mining machine. F. A. Lindgren. 2,002,743; May 28.
- Mining machine. F. A. Lindgren. 2,006,399; July 2.
- Mining machine. W. A. Logan. 2,007,806; July 9.
- Mining machine. C. A. Pratt. 1,996,255; Apr. 2.
- Mining machine. C. A. Pratt. 1,998,400; Apr. 16.
- Mining machine. C. A. Pratt. 2,000,670; May 7.
- Mining machine. C. A. Pratt. 2,015,286; Sept. 24.
- Mining machine. T. E. Pray. 1,997,076; Apr. 9.
- Mining machine. T. E. Pray. 2,007,254; July 9.
- Mining machine. T. E. Pray. 2,025,306; Dec. 24.
- Mining machine. W. W. Sloane. 2,007,817; July 9.
- Mining machine. W. W. Sloane. 2,017,573; Oct. 15.
- Mining machine. W. W. Sloane. 2,020,003; Nov. 5.
- Mining machine. W. N. A. Vander Hulst. 1,995,724; Mar. 26.
- Mining machine. W. N. A. Vander Hulst. 1,998,529; Apr. 23.
- Mining machine. A. C. Wilcox. 2,007,904; July 9.
- Mining system and apparatus. G. A. Yedd. 2,003,779; June 4.
- Minnow hook. F. Soukup. 1,992,969; Mar. 5.
- Minnow trap. R. E. Davies. 2,023,311; Dec. 3.
- Minnow trap. M. E. McSwain. 2,004,899; June 11.
- Mirror. J. W. Misner. 1,991,566; Feb. 19.
- Mirror. D. Pyzel. 2,015,816; Oct. 1.
- Mirror. J. F. Walsh. 2,005,814; June 25.
- Mirror. M. Weisz. 1,989,437; Jan. 29.
- Mirror and producing Galena blue film, Galena blue. W. Peacock, Jr. 1,988,663; Jan. 22.
- Mirror containing drawer for chests and the like. S. L. Pollock. 1,999,476; Apr. 30.
- Mirror device. W. L. Morrison. 2,001,743; May 21.
- Mirror device, Make-up. O. C. Ritz-Woller. 2,026,009-10; Dec. 31.
- Mirror for astronomical purposes. F. Meyer. 1,988,952; Jan. 22.
- Mirror for reflecting positive images, Pocket. O. Hampke. 1,991,054; Feb. 12.
- Mirror, Illuminated. E. W. North. 2,004,054; June 4.
- Mirror, Illuminated. K. C. Welch. 1,999,348; Apr. 30.
- Mirror light. B. H. Minton. 2,014,690; Sept. 17.
- Mirror making. H. G. White and F. L. Porter. 2,000,310; May 7.
- Mirror, Rear view. A. S. Alexander. 2,016,763; Oct. 8.
- Mirror, Rear view. M. C. Eddy. 1,994,126; Mar. 12.
- Mirror, Rotating album. S. B. Megdall. 2,009,509; July 30.
- Mirror, Stand. A. J. Re. 2,017,472; Oct. 15.
- Mirror system, Television. A. McL. Nicolson. 2,006,812; July 2.
- Mirrors, Making hermetically sealed. R. D. Smith. 1,999,529; Apr. 30.
- Miter gauge, Self-indexing. W. F. Ocenasek. 2,010,882; Aug. 13.
- Mitt. M. Koffler and J. Hirsch. 1,990,553; Feb. 12.
- Mitten, Bath. S. S. Jaffe. 1,990,030; Feb. 5.
- Mixer: *See*—
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| Amalgam mixer. | Food mixer. |
| Beverage mixer. | Gas mixer. |
| Cement mixer. | Household mixer. |
| Concrete mixer. | Pastry mixer. |
| Dough mixer. | Road top mixer. |
| Drink mixer. | Sand mixer. |
| Electric drink mixer. | Transit concrete mixer. |
| Feed mixer. | Truck concrete mixer. |
| Food and beverage mixer. | Welding torch mixer. |

- Mixer. K. Adams. 1,991,833; Feb. 19.
 Mixer. J. L. Andrews. 1,987,043; Jan. 8.
 Mixer. C. L. Drew. 2,007,850; July 9.
 Mixer. J. Eggert. 1,987,894; Jan. 15.
 Mixer. I. Jeppsson. 2,013,887; Sept. 10.
 Mixer. H. E. McCrery. 1,999,843; Apr. 30.
 Mixer. M. J. Nash. 2,013,247; Sept. 3.
 Mixer and agitator for concrete and the like. C. F. Ball. 2,018,112; Oct. 22.
 Mixer and fruit juice extractor, Food. E. Newnham. 2,024,383; Dec. 17.
 Mixer and juice extractor, Portable household. H. M. A. Strauss. 2,002,333; May 21.
 Mixer for dough and the like substances, Continuous. H. Roser. 1,991,959; Feb. 19.
 Mixer for dough and the like substances, Continuous. H. Roser. 1,993,528-9; Mar. 5.
 Mixer for feed grinding mills, Molasses. J. B. Pope. 2,007,459; July 9.
 Mixer for plastics. F. H. Banbury. 1,987,659; Jan. 15.
 Mixing. E. G. Myers. 2,023,644; Dec. 10.
 Mixing and distributing valve. W. R. Boynton. 1,990,773; Feb. 12.
 Mixing and kneading machine. C. F. Beran and G. Schneider. 1,989,126; Jan. 29.
 Mixing and kneading machine. E. Eppler. 2,015,397; Sept. 24.
 Mixing and masticating machine. B. A. Stewart. 2,025,077; Dec. 24.
 Mixing and stirring device. A. Schlimbach. 1,986,606; Jan. 1.
 Mixing apparatus. J. E. Chiquoine. 2,024,509; Dec. 17.
 Mixing apparatus. E. A. Colburn, Jr. 2,002,000; May 21.
 Mixing apparatus. F. Garthe. 1,989,668; Feb. 5.
 Mixing apparatus. A. C. Gilbert. 2,003,931; June 4.
 Mixing apparatus. A. C. Gilbert and A. A. Arnold. 2,003,829; June 4.
 Mixing apparatus. T. O'Boyle. 2,005,800; June 25.
 Mixing device. V. Gephart. 1,991,148; Feb. 12.
 Mixing device. R. Guth. 2,006,993; July 2.
 Mixing device. A. L. Kurz. 2,002,323; May 21.
 Mixing device. M. E. Nantz. 2,017,867; Oct. 22.
 Mixing device. P. L. A. Thiberge. 2,016,061; Oct. 1.
 Mixing device and the like. D. C. Prince. 2,001,036; May 14.
 Mixing drum gate. A. E. Mason. 1,992,959; Mar. 5.
 Mixing machine. F. X. and E. J. Lauterbur. 1,988,561; Jan. 22.
 Mixing machine. J. Michels. 1,989,877; Feb. 5.
 Mixing machine. R. Savy. 1,992,447; Feb. 26.
 Mixing machine. F. A. Schletz. 2,022,526-7; Nov. 26.
 Mixing machine. H. M. A. Strauss. 2,012,486; Aug. 27.
 Mixing plate for cements, artificial enamels, and medicaments. G. G. Lowry. 1,993,450; Mar. 5.
 Mixing valve. J. E. Lundegard. 2,017,864; Oct. 22.
 Mixing valve. F. A. Parsons. 1,989,335; Jan. 29.
 Mixing valve, Automatic. F. C. Chadborn. 2,000,319; May 7.
 Mixture of carbon monoxide, nitrogen and hydrogen, residual gas and blow-off gas resulting from the manufacture of hydrogen by the processes based on the iron-water vapor reaction, Transforming into a. R. Blondelle. 2,018,118; Oct. 22.
 Mixture ratio control for fuel injection pumps. K. A. Browne. 1,995,601; Mar. 26.
 Mixtures containing mineral and bituminous substances, Preparing. K. Daimler. 1,988,543; Jan. 22.
 Mixtures, Method of and apparatus for agitating. S. L. Johnson. 1,997,935; Apr. 16.
 Mixtures of lecithin and oil, Production of storable. A. Gehrke. 2,018,781; Oct. 29.
 Mobile apparatus for burning and heating purposes. T. Rognerud. 2,012,521; Aug. 27.
 Mobile parcels container. C. B. Fritsche. 2,008,176; July 16.
 Mobile spring machine. J. B. Boyett. 2,022,584; Nov. 26.
 Moccasin. D. W. Wiggins. 2,014,094; Sept. 10.
 Model. Traffic position indicating. J. C. Hylander. 2,020,608; Nov. 12.
 Modulating system. W. J. Albershelt. 2,002,214; May 21.
 Modulating system. H. S. Black. 1,998,115; Apr. 16.
 Modulating system. F. A. Cowan. 2,025,158; Dec. 24.
 Modulating system. J. G. Nordahl. 2,002,209; May 21.
 Modulation. O. Böhm. 2,000,771; May 7.
 Modulation. W. Buschbeck. 1,999,892; Apr. 30.
 Modulation. A. Cottet. 2,023,780; Dec. 10.
 Modulation. E. Mayer. 2,000,770; May 7.
 Modulation. M. Osnos. 2,025,955; Dec. 31.
 Modulation. T. H. Price. 2,013,807; Sept. 10.
 Modulation. H. O. Roosenstein. 2,001,891; May 21.
 Modulation. G. L. Uselman. 2,007,099; July 2.
 Modulation control system. L. H. Paddle. 2,011,499; Aug. 13.
 Modulation indicating device. G. W. Fyler. 1,999,872; Apr. 30.
 Moiré effects, Apparatus for eliminating. I. Kitroser. 1,987,113; Jan. 8.
 Moistener. T. I. Brown. 2,003,736; June 4.
 Moistening device. E. W. Pike, Sr. 2,016,216; Oct. 1.
 Moistening device. F. A. Watkins. 1,996,315; Apr. 2.
 Moistening device. H. B. Wilton. 2,020,490; Nov. 12.
 Moistproof composition. R. T. K. Cornwell. 1,997,105; Apr. 9.
 Moisture and decorative receptacle. A. L. Munk. 2,014,976; Sept. 17.
 Moisture condenser for compressed air. J. J. Rosen. 2,015,288; Sept. 24.
 Moisture content of fibrous materials, Measuring. E. J. Haverstick. 1,991,093; Feb. 12.
 Moisture extraction. H. L. Smith, Jr. 2,003,397; June 4.
 Moisture indicator. R. Brown and E. H. Perry. 2,009,760; July 30.
 Moisture indicator. W. R. Whitney. 2,021,760; Nov. 19.
 Moistureproof material. W. H. Charch. 2,022,490; Nov. 26.
 Moistureproof material. L. L. Leach and J. C. Siemann. 1,990,080; Feb. 5.
 Moistureproof material and making same. W. H. Charch. 1,989,681; Feb. 5.
 Moistureproof package. S. Bergstein. 2,008,167; July 16.
 Moistureproof qualities of sheets of organic matter, Increasing the. R. Weingand and J. Seiberlich. 1,988,099; Jan. 15.
 Moistureproofing. N. F. Beach. 1,987,045; Jan. 8.
 Moistureproofing. F. P. McCall. 2,008,218; July 16.
 Molasses product and producing the same. H. C. Reiner. 1,995,519; Mar. 26.
 Mold: See—
 Armature mold. Hamburger-steak mold.
 Block mold. Hat mold.
 Brick mold. Ingot mold.
 Casting mold. Jacketed suction mold.
 Centrifugal pipe mold. Laundry tub mold.
 Cigarette mold. Meat mold.
 Collapsible mold. Stereoscope casting mold.
 Confection casting mold. Tire retreading mold.
 Culinary mold. Tire vulcanizing mold.
 Food mold.
 Mold. F. A. Bridgett. 2,006,666; July 2.
 Mold. J. T. Brubaker. 1,998,831; Apr. 23.
 Mold. C. K. Cox. 2,024,092; Dec. 10.
 Mold. A. R. Finch. 2,003,432; June 4.
 Mold. J. Flammang, P. L. Bowser, and H. Ernst. 1,993,438; Mar. 5.
 Mold. D. L. Summey and R. P. Weeks. 1,988,425; Jan. 15.
 Mold and container, Suppository. H. M. Herrold. 2,012,535; Aug. 27.
 Mold and ingot, Metallic ingot. E. Gathmann. 2,023,833; Dec. 10.
 Mold and making same. J. C. Tuttle. 1,989,646; Jan. 29.
 Mold and sprue openings, Apparatus for producing. W. I. Carpenter. 1,992,120; Feb. 19.
 Mold, Casting. F. M. Poe. 1,993,801-2; Mar. 12.
 Mold clamping device. M. Guyot. 1,998,316; Apr. 16.
 Mold disk for typographical machines. S. E. Sperry. 2,023,384; Dec. 3.
 Mold engraving machine. T. H. Williams. 2,026,487; Dec. 31.
 Mold for brick-faced blocks. T. F. O'Gorman. 2,005,200; June 18.
 Mold for building blocks. W. T. Fels. 1,992,302; Feb. 26.
 Mold for building construction elements of concrete. E. R. Hole. 1,993,930; Mar. 12.
 Mold for casting basic refractories. H. M. Kraner and F. W. Schroeder. 2,011,489; Aug. 13.
 Mold for casting hollow articles. A. B. Norton. 2,018,222; Oct. 22.
 Mold for casting internal combustion engine crankshafts. C. E. Sorensen. 1,992,677; Feb. 26.
 Mold for casting stereotype printing plates. W. F. Huck. 2,016,283; Oct. 8.
 Mold for coating cores for artificial teeth with wax, casting. V. Fischer. 2,011,477; Aug. 13.
 Mold for concrete burial vaults, Collapsible. W. A. Palmer. 2,001,795; May 21.
 Mold for dynamo machine elements. V. G. Apple. 2,018,480; Oct. 22.
 Mold for flower holders. R. E. Spencer. 1,992,332; Feb. 26.
 Mold for inner tubes and the like, Vulcanizing. P. De Mattia. 2,002,110; May 21.
 Mold for pressing airtight wrapped cheese. C. M. Gere. 1,992,821; Feb. 26.
 Mold for rubber tubes. C. E. Maynard. 2,021,373; Nov. 19.
 Mold for use on glass-forming machines. F. A. Harrison. 2,018,785; Oct. 29.
 Mold jacket. J. F. Hines. 2,006,240; June 25.
 Mold making machine. E. F. Oyster and F. T. Spikerman. 2,012,478; Aug. 27.
 Mold manufacture, Permanent. L. F. Nock. 2,003,864; June 4.
 Mold operating mechanism for glassware forming machines. G. E. Rowe. 2,011,188; Aug. 13.
 Mold surfaces, Method and apparatus for coating the interior of. I. R. Cline. 1,991,013; Feb. 12.
 Moldable composition. H. S. Holt. 2,022,001; Nov. 26.
 Molded articles from urea or its derivatives and solid polymeric aldehydes, Producing. O. Sussenguth. 2,007,987; July 16.
 Molded articles from urea or its derivatives, solid polymeric aldehydes and filling bodies, Making. O. Sussenguth. 1,996,087; Apr. 2.
 Molded articles from wood paste or the like, Making. A. C. Haight. 2,016,329; Oct. 8.
 Molded articles, Making. R. E. Swain. 2,020,590; Nov. 12.
 Molded articles, Manufacture of. V. Lefebure. 2,015,481; Sept. 24.

- Molded articles, Method and apparatus for trimming. P. A. Raiche. 1,994,178; Mar. 12.
- Molded articles, Preparing. E. Elbel. 1,996,757; Apr. 9.
- Molded articulated article. J. Luton. 2,022,472; Nov. 26.
- Molded compositions for brake linings or similar articles, Manufacture of. J. N. Kuznick. 2,025,951; Dec. 31.
- Molded container. P. L. Barber. 1,991,649; Feb. 19.
- Molded product and producing it. O. O. Rieser. 2,007,025; July 2.
- Molded product and producing the same. G. H. Mains. 1,991,056; Feb. 12.
- Molded products, Making. A. S. Brock and C. F. Meinzer. 2,016,796; Oct. 8.
- Molding. G. A. Lyon. 2,022,119; Nov. 26.
- Molding. R. C. Schemmel. 2,017,377; Oct. 15.
- Molding and fastening means for, Metal. C. P. Chamberlin. 2,020,993; Nov. 12.
- Molding and the like, Decorative. C. B. Chatfield. 1,988,236; Jan. 15.
- Molding apparatus. M. H. Martindell. 2,015,647; Sept. 24.
- Molding apparatus. F. J. Pfeide. 1,990,091; Feb. 5.
- Molding apparatus. F. Rolf. 1,994,028; Mar. 12.
- Molding apparatus, Centrifugal. H. M. Naugle and A. J. Townsend. 2,025,301; Dec. 24.
- Molding, Apparatus for plastic. R. L. Hasche. 2,016,860; Oct. 8.
- Molding, Apparatus for plastic. S. Marcus. 2,017,216; Oct. 15.
- Molding composition. C. Stresino. 2,026,106; Dec. 31.
- Molding composition and its manufacture, Cold. C. A. Nash and R. S. Daniels. 1,989,243; Jan. 29.
- Molding composition and preparing same. K. N. Francisco. 2,020,024; Nov. 5.
- Molding composition containing a fabric filler and producing same, Producing hot. O. A. Cherry. 2,015,711; Oct. 1.
- Molding device. C. Doering. 1,997,049; Apr. 9.
- Molding, Finish. J. J. Gathercoal. 2,007,244; July 9.
- Molding machine. J. Flammang, P. L. Bowser, and H. Ernst. 1,993,439; Mar. 5.
- Molding machine. J. G. Kazanjian. 2,000,027; May 7.
- Molding machine. A. W. Sizer. 1,994,371; Mar. 12.
- Molding machine. M. W. Zeman. 1,994,161; Mar. 12.
- Molding of concrete bodies, Centrifugal. E. S. Hume. 2,023,381; Dec. 3.
- Molding powder, Apparatus for charging. E. H. Brown, A. Pokras, and T. C. Rathbone. 1,990,634; Feb. 12.
- Molding unit for molding artificial dentures, Dry heat. F. S. Trusler. 2,013,368; Sept. 3.
- Molding, Upholstery. A. L. Howard. 1,989,276; Jan. 29.
- Molds, Apparatus for cleaning tire. G. L. Walker. 2,017,423; Oct. 15.
- Molds, Apparatus for making. J. Luton. 2,013,277; Sept. 3.
- Molds, Device for removing concrete. W. R. Hasty. 1,990,905; Feb. 12.
- Molds, Making. J. Luton. 2,013,278; Sept. 3.
- Molecular aggregation in the polymerization of vinyl esters, Controlling. K. G. Blaikie, G. O. Morrison, and T. P. G. Shaw. 2,007,557; July 9.
- Molecular associations and transformations, Carrying out of. A. O. Jaeger and K. F. Pietzsch. 1,993,886; Mar. 12.
- Molecular split-off products of albumin with higher fatty acid chlorides, and product of said method, Method of treating high. F. Sommer. 2,015,912; Oct. 1.
- Molecular weights of gases or vapors, Method and apparatus for determining. H. P. Cady. 2,023,164; Dec. 3.
- Mollusks, Apparatus for shelling. J. H. Doxsee, Jr., and W. H. Cook. 2,008,820; July 23.
- Molten material, Apparatus for treating. O. Blume. 2,022,755; Dec. 3.
- Molybdenum, Producing water soluble colloidal. P. Vessie. 2,025,405; Dec. 24.
- Molybdenum, Recovery of. K. Winkler and W. Kroenig. 2,017,557; Oct. 15.
- Molybdenum-titanium ferro-alloys. G. F. Comstock. 2,013,877; Sept. 10.
- Money collector for automatic refrigerators, etc. H. E. Riley. 2,015,411; Sept. 24.
- Money counting machine. E. P. Schneider. 2,004,835; June 11.
- Mono and di-glycerides, Preparing. C. W. Christensen. 2,022,494; Nov. 26.
- Mono-alkyl-chloro-phenyls. E. Klarman. 2,010,595; Aug. 6.
- Monoazo dyestuffs and their production. B. Richard. 2,012,772; Aug. 27.
- Monoazodyestuffs and their production, Water-insoluble. A. Conzetti. 2,012,096; Aug. 20.
- Mono-azodyestuffs capable of being chromed, Yellow. E. Fischer and H. Kracker. 2,023,953; Dec. 10.
- Monocalcium phosphate, Making. B. D. Saklatwalla, H. E. Dunn, and A. E. Marshall. 2,012,436; Aug. 27.
- Monocalcium phosphate, Manufacture of. W. H. Knox, Jr. 2,018,449; Oct. 22.
- Monochromates and dichromates, Preparation of. J. E. Demant. 2,012,061-2; Aug. 20.
- Monogram unit. M. Chernow. 1,989,915; Feb. 5.
- Monogram unit. M. Chernow. 1,994,686; Mar. 19.
- Monohydroxychrysene and making the same. W. Kern. 1,996,475; Apr. 2.
- Monolithic canalized structures, Constructing. J. P. L. Mourraile. 2,009,362; July 23.
- Monomethyl-para-aminophenol and its sulphate, Manufacture of. C. H. W. Whitaker. 1,993,253; Mar. 5.
- Mono-N-alkanol derivative of aromatic di-amines and polyamines. E. Lehmann. 2,022,245; Nov. 26.
- Mono-olefines, Polymerizing. S. Lenher. 2,000,964; May 14.
- Monopack process. L. T. Troland. 1,993,576; Mar. 5.
- Monorail switch. D. Dunlap. 2,005,133; June 18.
- Monostereoscopic vision. J. Deninson. 1,992,608; Feb. 26.
- Mooring device. J. J. Kingman and H. J. Casey. 1,997,586; Apr. 16.
- Mop. J. W. Barton. 2,010,291; Aug. 6.
- Mop. J. D. Bates. 2,014,488; Sept. 17.
- Mop. M. L. Buell. 2,009,728; July 30.
- Mop. J. E. Estes. 1,986,924; Jan. 8.
- Mop. W. Evans. 2,003,286; June 4.
- Mop. C. Fatland. 1,999,450; Apr. 30.
- Mop. G. K. Forbes. 1,989,854; Feb. 5.
- Mop. E. P. Grading. 1,989,978; Feb. 5.
- Mop. W. H. Jayne. 2,020,187; Nov. 5.
- Mop. D. Jenkins. 1,994,769; Mar. 19.
- Mop. C. E. Krebs. 2,023,202; Dec. 3.
- Mop. C. L. Leonard. 2,018,498; Oct. 22.
- Mop. H. M. Merchant. 1,988,457; Jan. 22.
- Mop. A. B. Semple. 2,020,523; Nov. 12.
- Mop. M. Severson. 1,990,713; Feb. 12.
- Mop. F. A. Speik and G. K. Forbes. 2,025,554; Dec. 24.
- Mop bumper, Dust. A. D. Sund. 2,021,335; Nov. 19.
- Mop clamp. E. Boyens and P. J. Salmon. 1,992,168; Feb. 26.
- Mop clamp. S. Brandel. 2,014,490; Sept. 17.
- Mop cleaning apparatus. B. L. Baker. 1,995,443; Mar. 26.
- Mop connector. H. Hertzberg. 1,997,685; Apr. 16.
- Mop construction. L. O. Baling. 2,010,795; Aug. 6.
- Mop, Dust. O. T. Schaefer and R. J. Wetche. 1,989,825; Feb. 5.
- Mop, Fountain. T. A. Shaw. 2,008,044; July 16.
- Mop head and swab. H. H. Halsey. 1,998,278; Apr. 16.
- Mop head holder. R. A. Myers. 2,005,904; June 25.
- Mop holder. R. J. Badgley. 2,015,582; Sept. 24.
- Mop holder. S. C. Lawlor. 2,014,109; Sept. 10.
- Mop, Making a dusting and polishing. C. E. Hoyt and O. R. Erwin. 1,993,215; Mar. 5.
- Mop, Self wringing. T. M. Jenkins. 2,023,021; Dec. 3.
- Mop, Self-wringing. G. E. Soderberg and F. Andersson. 2,023,343; Dec. 3.
- Mop shaking device. J. J. Brell. 1,993,336; Mar. 5.
- Mop shaking device. J. J. Brell. 1,996,056; Apr. 2.
- Mop stick and head. H. I. Klawans. 2,025,111; Dec. 24.
- Mopstick head. J. W. Wohbieter. 2,012,701; Aug. 27.
- Mop, Vacuum. E. G. Bender. 1,992,986; Mar. 5.
- Mop, Wringer. J. L. Nilson. 2,018,413; Oct. 22.
- Mop wringer and pail unit, Portable. L. B. Gringer. 2,023,134; Dec. 3.
- Mop wringing attachment. E. L. Farrin. 2,017,146; Oct. 15.
- Mop, Yacht. H. Hertzberg. 1,997,684; Apr. 16.
- Mops, Making. R. J. Badgley. 2,004,804; June 11.
- Mordant. E. R. Boller. 2,000,576; May 7.
- Morpholines and making the same, Substituted. M. C. Reed. 2,001,584; May 14.
- Mortar for lining cellulose digesters and lining cellulose digesters, Acidproof. K. Dietz and K. Frank. 1,996,859; Apr. 9.
- Mosaic color positives, Production of photographic and cinematograph. J. E. Thornton. 2,018,195; Oct. 22.
- Mosaics, Making. T. J. Walls. 1,994,204; Mar. 12.
- Moth bag. G. Rottman. 2,022,941; Dec. 3.
- Mothproof bag. J. W. Wenzell. 2,003,704; June 4.
- Motion and its use, Mechanical. P. E. Harrison. 1,994,472; Mar. 19.
- Motion changing device. H. Svensson. 1,996,938; Apr. 9.
- Motion, Converting. R. W. Rider. 1,988,571; Jan. 22.
- Motion converting mechanism. L. E. Soldan. 2,008,296; July 16.
- Motion device, Regulating rotary. G. H. Trout. 1,988,762; Jan. 22.
- Motion, Mechanism for the transmission of rotary. A. Beria. 1,997,961; Apr. 16.
- Motion reproducing unit. E. J. Poitras and J. D. Tear. 2,025,122; Dec. 24.
- Motion to toys, Device for imparting rotating. A. C. Pisacano. 2,012,729; Aug. 27.
- Motion transmitting device for pumps. H. J. Dickenson. 2,011,757; Aug. 20.
- Motion transmitting means. G. F. Lundqvist. 1,998,376; Apr. 16.
- Motion transmitting mechanism. M. C. Werner. 1,986,310; Jan. 1.
- Motor: See—
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| Air motor. | Electric motor. |
| Alternating current motor. | Electric starting motor. |
| Bi-pole induction motor. | Electric valve operated motor. |
| Bucket motor. | |
| Capacitor motor. | Electro-hydraulic motor. |
| Clock-motor. | Explosion and combustion motor. |
| Condenser motor. | Explosion motor. |
| Control regulator motor. | Explosion proof motor. |
| Convection current motor. | Fan motor. |
| Differential motor. | Flow-motor. |
| Drilling motor. | |
| Electric clock motor. | Fluid current motor. |

Motor: See—

- Fluid driven motor.
 Fluid motor.
 Fluid operated motor.
 Fluid pressure motor.
 Geared electric motor.
 Heat motor.
 Induction motor.
 Internal combustion motor.
 Locomotive booster motor.
 Multispeed split phase motor.
 Oscillatory motor.
 Outboard motor.
 Pump, compressor, or driven motor.
 Rectilinear motor.
 Rock drilling motor.
 Rotary motor.
 Rotary turbine motor.
 Self-starting synchronous motor.
 Shading ring induction motor.
 Motor. H. Hueber and E. C. Horton. 2,000,890; May 7.
 Motor. M. D. Sarbey. 1,999,303; Apr. 30.
 Motor. J. W. Turner. 2,012,839; Aug. 27.
 Motor. J. S. Uliniski. 1,995,554; Mar. 26.
 Motor accelerating control system. L. R. Quarles. 2,020,961; Nov. 12.
 Motor and battery circuit analyzer, Starting. B. J. Haskins. 1,993,444; Mar. 5.
 Motor and clock mechanism, Electric. A. W. Haydon. 2,000,516; May 7.
 Motor and control therefor, Electric. K. Müller, F. Döring, and J. Wantosch. 2,002,546; May 28.
 Motor and ignition system control for internal combustion engines, Starting. W. J. Williams. 2,021,396; Nov. 19.
 Motor and making the same, Hydraulic. H. E. Balsiger. 2,013,397; Sept. 3.
 Motor and means for regulating speed of induction motors, Induction. K. F. W. Meyertons. 1,998,142; Apr. 16.
 Motor and motive system. R. A. Coffman. 2,005,913; June 25.
 Motor and power transmitter, Unitary electric. W. J. Peets and I. F. Webb. 2,004,055; June 4.
 Motor and pump, Fluid. C. S. McCann. 1,996,875; Apr. 9.
 Motor and pump head, Electric. R. M. Magnuson. 2,018,371; Oct. 22.
 Motor and pump, Hydraulic. H. Thomas. 2,008,937; July 23.
 Motor and rear axle connection, Vehicle. D. E. Austin. 1,993,912; Mar. 12.
 Motor and rotor therefor. Synchronous electric. W. Kohlhaagen. 2,018,677; Oct. 29.
 Motor and the like, Alternating current. E. L. Carlson. 2,001,772; May 21.
 Motor armatures, Balancing. J. LeBar. 2,011,495; Aug. 13.
 Motor arrangement, Spinning centrifugal. S. Odajima. 2,019,827; Nov. 5.
 Motor carburation apparatus and system of control therefor, Internal combustion. O. A. Ross. 2,000,098; May 7.
 Motor circuit controller, Oscillating. F. O. Hartman. 2,025,859; Dec. 31.
 Motor compressor. R. P. Pescara. 1,996,973-4; Apr. 9.
 Motor compressor. R. P. Pescara. 2,016,613; Oct. 8.
 Motor compressor. R. P. Pescara. 2,025,176-7; Dec. 24.
 Motor construction. E. Mendenhall, J. B. Van Horn, and C. J. Coberly. 2,002,915; May 28.
 Motor construction, Electric. R. N. Park. 2,002,793; May 28.
 Motor construction, Submersible. E. Mendenhall and J. B. Van Horn. 2,002,916; May 28.
 Motor control. T. B. Morehouse. 2,010,526; Aug. 6.
 Motor control apparatus, Electric. R. B. Hunter. 1,994,821; Mar. 19.
 Motor control structure. C. J. Werner. 1,991,042; Feb. 12.
 Motor control, Synchronous. E. B. Shand. 1,994,900; Mar. 19.
 Motor control system. G. Brunner and E. Kern. 2,000,880; May 7.
 Motor control system. F. A. Byles and F. H. Winter. 2,022,535; Nov. 26.
 Motor control system. C. W. Cutler. 2,022,502; Nov. 26.
 Motor control system. C. E. L. Dapprich. 2,018,253; Oct. 22.
 Motor control system. J. Dunlop. 2,005,890; June 25.
 Motor control system. W. F. Eames. 2,015,594; Sept. 24.
 Motor control system. F. W. Hild. 2,020,945; Nov. 12.
 Motor control system. K. H. Hubbard. 2,025,749; Dec. 31.
 Motor control system. E. Kern. 1,986,207; Jan. 1.
 Motor control system. E. Kern. 1,999,764; Apr. 30.
 Motor control system. O. K. Marti. 1,999,772; Apr. 30.
 Motor control system. F. W. McCloskey. 2,005,903; June 25.
 Motor control system. L. W. Riggs. 1,995,157; Mar. 19.
 Motor control system. L. A. Umansky. 2,021,757; Nov. 19.
 Motor control system. N. H. Wilby. 2,000,727; May 7.
 Single phase motor.
 Split phase motor.
 Spring motor.
 Starting motor.
 Stoker motor.
 Straight line motor.
 Stream motor.
 Synchronous electric motor.
 Synchronous motor.
 Two-stroke explosion motor.
 Variable speed motor.
 Vertical shaft type motor.
 Vibrating motor.
 Vibrator motor.
 Water motor.
 Water or steam motor.
 Wave motor.
 Wind motor.
 Motor control system, Electric. E. U. Lassen and E. W. Seeger. 2,002,268; May 21.
 Motor control system, Electric. R. G. Lockett. 2,021,239; Nov. 19.
 Motor control, System of. C. J. Werner. 1,991,036; Feb. 12.
 Motor control, System of. C. J. Werner. 1,991,038-41; Feb. 12.
 Motor control system, Simplex synchronous. A. M. Kahn and M. A. Hyde. 1,991,098; Feb. 12.
 Motor controller. C. Stansbury. 2,013,221; Sept. 3.
 Motor controller. C. Stansbury. 2,025,315; Dec. 24.
 Motor controller, Electric. R. G. Lockett. 2,022,862; Dec. 3.
 Motor controller, Foot-operated. D. G. Chason. 2,022,491; Nov. 26.
 Motor controller, Sewing machine. H. L. Zabriskie. 2,004,496; June 11.
 Motor cooling assembly. J. G. Dintilhac. 2,007,080; July 2.
 Motor crank case or the like. F. L. Torney. 2,002,211; May 21.
 Motor device, Thermal. B. H. Smith. 1,987,717; Jan. 15.
 Motor driven pump, Submersible. J. A. Wintroath. 2,001,172; May 14.
 Motor equipment operated in connection with rotary direct current transformers, Direct current electric. G. M. Pestarini. 1,987,417; Jan. 8.
 Motor for alternating currents, Self starting. J. R. James. 2,016,603; Oct. 8.
 Motor for clothes washers. R. D. Edsell. 2,013,301; Sept. 3.
 Motor for motor driven vehicles, Internal combustion. G. H. Taber. 2,018,426; Oct. 22.
 Motor for pumping mechanisms. W. H. Wineman. 2,004,146; June 11.
 Motor for pumps, Inverted. E. Mendenhall and J. B. Van Horn. 2,002,911; May 28.
 Motor for windshield wipers of automobiles or the like. R. A. Powell and R. W. Newton. 2,026,320; Dec. 31.
 Motor generator and other transformer. A. D'Angelo. 2,021,177; Nov. 19.
 Motor heater. E. W. Dwyer. 2,022,559; Nov. 26.
 Motor-operated valve. P. B. Parks, W. M. Smith, and J. Van Vulpem. 1,989,942; Feb. 5.
 Motor operation, Multiple hydraulic. H. Ernst. 1,999,834; Apr. 30.
 Motor protective device, Thermal. C. G. Veinott. 1,987,725; Jan. 15.
 Motor pump. C. R. Sessions. 2,002,907; May 28.
 Motor reverser, especially adapted for reversing toy electric locomotives, Electric. L. W. Rosenthal. 1,997,748; Apr. 16.
 Motor reversing mechanism. W. P. Beattie. 2,007,591; July 9.
 Motor starting apparatus. G. A. Gillen. 1,989,052; Jan. 22.
 Motor structure, Oil-filled electric. E. Mendenhall and J. B. van Horn. 2,011,341; Aug. 13.
 Motor structure with mechanical seal, Submersible. E. Mendenhall and J. B. Van Horn. 2,002,913; May 28.
 Motor suction unit. W. Leathers. 2,020,121; Nov. 5.
 Motor support. C. R. Boothby. 2,012,417; Aug. 27.
 Motor support. W. J. Coppock. 2,024,127; Dec. 10.
 Motor support. O. P. Nystrom. 2,009,673; July 30.
 Motor support for air circulators and heaters. E. Newham. 2,001,151; May 14.
 Motor supporting means. S. G. Langley. 2,020,119; Nov. 5.
 Motor suspension. N. D. Levin. 2,023,481; Dec. 10.
 Motor suspension. N. D. Levin. 2,023,846; Dec. 10.
 Motor testing apparatus. H. H. Pickron. 2,014,115; Sept. 10.
 Motor truck frame. M. J. Galvin. 2,011,241; Aug. 13.
 Motor vehicle chassis washer. P. C. Butler. 2,013,742; Sept. 10.
 Motor vehicle jack. G. E. Hughes. 1,999,099; Apr. 23.
 Motor vehicle lamp. A. E. Brandon. 2,020,990; Nov. 12.
 Motor vehicle signal. W. E. Galloway. 1,991,800; Feb. 19.
 Motor winding, Induction. B. Schwarz. 1,986,368; Jan. 1.
 Motor with mercury-sealed balancing means, Submersible. E. Mendenhall and J. B. Van Horn. 2,002,910; May 28.
 Motor with reduced friction, Double power combustion. P. Scheschkevich. 1,995,625; Mar. 26.
 Motor with variable torque, Variable speed three-phase. J. Sousedik. 2,018,287; Oct. 22.
 Motors and like obstructions on aircraft, Reducing the resistance of air cooled. A. P. Thurston. 2,016,582; Oct. 8.
 Motors and the like, Construction for submersible. E. Mendenhall and J. B. Van Horn. 2,002,914; May 28.
 Motors, Control of alternating current. H. Baumeister. 2,008,538; July 16.
 Motors for leaks, Testing heat. J. S. Baker and R. M. Schultz. 1,995,699; Mar. 26.
 Motors, Lower unit for outboard. F. T. Irgens. 2,021,309; Nov. 19.
 Motors, Manufacturing steel. B. Loeffler. 2,011,642; Aug. 20.
 Motors, Method and apparatus for starting. C. B. Waters. 1,989,958; Feb. 5.
 Motors, Method of and apparatus for starting alternating-current. P. L. Alger. 1,992,050; Feb. 19.

- Motors, Method of and apparatus for starting and operating electric. C. H. Willis and P. M. Currier. 1,995,876; Mar. 26.
- Mount for electron discharge devices. D. Y. Smith. 2,022,984; Dec. 3.
- Mount for films and the like. C. Metzler and N. Ronshelm. 2,014,743; Sept. 17.
- Mount for machine guns. R. C. Coupland. 2,014,376; Sept. 17.
- Mount getting device. D. S. Gustin. 1,989,800; Feb. 5.
- Mount, Horn. E. W. Menger. 2,003,896; June 4.
- Mount, Shock-absorbing. L. D. Norton. 2,014,581; Sept. 17.
- Mounting, Abrading shaft. H. L. Myers. 2,020,157; Nov. 5.
- Mounting, Acoustic frame glass. D. P. Rogers. 1,995,819; Mar. 26.
- Mounting, Adjustable shaft. D. M. Blackburn. 2,004,562; June 11.
- Mounting, Aircraft rotative wing. J. S. Pecker. 1,995,460; Mar. 26.
- Mounting and belt tightener, Motor. Z. C. Bradford. 2,020,764; Nov. 12.
- Mounting and connection, Transmission gear shift. R. S. Trott. 2,026,444; Dec. 31.
- Mounting, Axle. A. R. LeMoon. 2,002,152; May 21.
- Mounting, Bearing. R. L. Brown. 2,015,784; Oct. 1.
- Mounting, Bezel. O. J. Leins. 2,005,792; June 25.
- Mounting, Bicycle wheel. G. W. Clark. 1,995,794; Mar. 26.
- Mounting, brake cylinder. S. G. Down. 2,017,688; Oct. 15.
- Mounting, Brush. L. E. Jones. 1,989,988; Feb. 5.
- Mounting, Compass. L. de Florez. 1,994,885; Mar. 19.
- Mounting, Control. R. S. Trott. 2,026,447; Dec. 31.
- Mounting, corner. L. S. Riley. 1,999,423; Apr. 30.
- Mounting, Demountable wheel. E. Werner and J. Kohn. 1,988,406; Jan. 15.
- Mounting, Dismountable gun. F. and H. Herlach. 2,021,551; Nov. 19.
- Mounting, Dispensing tap. A. L. Maggenti. 2,011,865; Aug. 20.
- Mounting, Dual wheel. A. Krieg and J. A. Bundy. 2,002,290; May 21.
- Mounting, Elastic cushion. A. G. Carter. 2,005,934; June 25.
- Mounting, Engine. W. D. Appel. 2,020,597; Nov. 12.
- Mounting, Engine. R. K. Evans. 2,022,111; Nov. 26.
- Mounting, Engine. R. S. Trott. 2,011,235; Aug. 13.
- Mounting, Engine. J. F. Wolfram and H. S. Currier. 2,022,099; Nov. 26.
- Mounting, Engine front. B. H. Anibal. 2,022,102; Nov. 26.
- Mounting, Exhaust line. R. S. Trott. 2,026,446; Dec. 31.
- Mounting, Extensible drawer. U. G. McQueen. 2,025,765; Dec. 31.
- Mounting, Eye. D. Cohn. 2,026,416; Dec. 31.
- Mounting, Fan. W. W. Allen. 1,992,112; Feb. 19.
- Mounting, Flexible card. E. H. Smythe. 1,997,320; Apr. 9.
- Mounting, Flywheel. G. O. Johnson. 2,005,941; June 25.
- Mounting for automobiles and the like, Sliding seat. M. P. Browne. 1,999,391; Apr. 30.
- Mounting for bicycle frames, Resilient. G. W. Clark. 1,995,796; Mar. 26.
- Mounting for bird cage perches. J. P. Leindorf. 2,013,058; Sept. 3.
- Mounting for doors and the like. H. L. Skoogh. 1,996,310; Apr. 2.
- Mounting for drill cutters. F. L. Scott. 2,011,084; Aug. 13.
- Mounting for dynamo-electric machines, Brush. H. R. Patterson. 2,008,466; July 16.
- Mounting for electrical apparatus. E. H. Jones. 2,004,610; June 11.
- Mounting for electrical devices. E. H. Jones. 2,022,964; Dec. 3.
- Mounting for electrical devices. T. L. Parker. 1,999,475; Apr. 30.
- Mounting for fixed resistors. E. R. Stoekle. 2,007,224; July 9.
- Mounting for glass panels. C. von Varendorff. 1,998,796; Apr. 23.
- Mounting for gliders, Back cushion. C. E. Friesner. 1,993,835; Mar. 12.
- Mounting for internal combustion engines. H. Kremser. 2,018,794; Oct. 29.
- Mounting for leaf and powdered metals. W. S. Jones. 1,998,506; Apr. 23.
- Mounting for loud speakers in pianos. J. H. Hammond, Jr. 1,994,889; Mar. 19.
- Mounting for machines, Knife. W. Markert. 2,006,106; June 25.
- Mounting for meters, Rotor. C. S. Hazard. 2,023,587; Dec. 10.
- Mounting for motion picture cameras, Mat box. G. A. Mitchell. 1,991,814; Feb. 19.
- Mounting for motor vehicles, Chassis and spring. A. Miles. 2,000,568; May 7.
- Mounting for motor vehicles, Headlight. W. B. Fageol. 2,007,599; July 9.
- Mounting for motors and the like. G. H. Lelaud. 2,012,687; Aug. 27.
- Mounting for motors and the like. G. H. Lelaud. 2,012,688; Aug. 27.
- Mounting for oscillating members. R. Stevenson. 2,019,513; Nov. 5.
- Mounting for plates. W. La Hodny. 2,017,627; Oct. 15.
- Mounting for pyrometer wells. E. Blackenbury. 1,991,371; Feb. 19.
- Mounting for reflectors and the like, Electric lamp. T. W. Frech. 2,012,161; Aug. 20.
- Mounting for resistances, Terminal. R. A. Ogg. 1,997,198; Apr. 9.
- Mounting for rimless spectacles and eyeglasses. M. R. McDaniel. 2,004,005; June 4.
- Mounting for shears of a glass feeder, Adjustable. E. H. Curtis, Jr. 1,994,123; Mar. 12.
- Mounting for sprinkler head spindles, Sand eliminating. W. A. Buckner. 1,996,899; Apr. 9.
- Mounting for telephone coin collectors. M. Greene, B. J. Halligan, and R. Wagner, Jr. 2,015,795; Oct. 1.
- Mounting for telescopic gun sights. C. E. Ekdahl. 2,018,549; Oct. 22.
- Mounting for toy locomotives, Motor. E. D. Boisselier. 2,002,256; May 21.
- Mounting for tractor engines, Engine. R. N. Geffroy. 1,987,676; Jan. 15.
- Mounting for typographical machines, Magazine. L. W. Willis. 1,997,555; Apr. 9.
- Mounting for variable pitch propellers, Propeller blade. H. C. Meon. 2,017,505; Oct. 15.
- Mounting for vehicles, Sliding seat. M. P. Browne. 2,000,463; May 7.
- Mounting for vehicles, Sliding seat. M. P. Browne. 2,014,553; Sept. 17.
- Mounting for wagons, Stub axle. J. D. Benbow. 1,986,387; Jan. 1.
- Mounting for wind deflectors or the like. L. M. Harvey. 2,005,783; June 25.
- Mounting for wind wings. W. E. Shehan and G. Bell. 1,997,086; Apr. 9.
- Mounting for windows, doors, and the like. C. C. Sidwell. 2,013,719; Sept. 10.
- Mounting frame for dental articulators. B. F. ToMemire. 2,003,727; June 4.
- Mounting, Gear. A. Brouwer. 1,993,729; Mar. 12.
- Mounting, Guy. H. E. Miller. 2,007,060; July 2.
- Mounting, Headlight. A. Lint. 1,998,680; Apr. 23.
- Mounting, Headlight. A. Lint. 2,020,897; Nov. 12.
- Mounting means for needles and the like. G. Gastrich. 2,005,674; June 18.
- Mounting, Motor. G. W. Allen. 2,020,092; Nov. 5.
- Mounting, Motor. W. H. Bagley, Jr. 2,001,562; May 14.
- Mounting, Motor. W. R. Griswold. 2,001,020; May 14.
- Mounting, Motor. R. K. Lee. 2,002,269; May 21.
- Mounting, Motor. J. W. Mitchell. 2,006,960; July 2.
- Mounting, Motor. J. J. O'Brien. 2,024,302; Dec. 17.
- Mounting, Motor. C. A. Olson and G. A. Patterson. 2,004,536; June 11.
- Mounting, Motor. O. E. Rhodes and F. L. Rockwell. 2,001,111; May 14.
- Mounting, Neon tube sign. H. Nunez. 1,993,943; Mar. 12.
- Mounting of ball mills. T. J. Vollkommer. 2,022,553; Nov. 26.
- Mounting of elements in radiation devices. C. H. Braselton. 2,007,934; July 9.
- Mounting of motors. R. T. Smith. 2,002,646; May 28.
- Mounting of oscillating apparatus. J. W. Murry. 1,993,615; Mar. 5.
- Mounting of twin tired wheels. P. M. Bourdon. 1,996,140; Apr. 2.
- Mounting, Ophthalmic. R. M. Baker. 1,988,536; Jan. 22.
- Mounting, Ophthalmic. F. R. Bishop. 1,998,070; Apr. 16.
- Mounting, Ophthalmic. J. Kane. 2,009,012; July 23.
- Mounting, Ophthalmic. T. G. Sadler. 2,020,265; Nov. 5.
- Mounting, Ophthalmic. W. S. Searles. 2,009,006; July 23.
- Mounting, Ophthalmic. E. M. Spaine. 2,022,163; Nov. 26.
- Mounting plate for tools, dies, etc., for presses. B. E. Irmis. 2,009,660; July 30.
- Mounting, Plate glass. H. E. Naisuler. 2,026,138; Dec. 31.
- Mounting, Plate glass. H. E. Naisuler and G. Milazzo. 2,026,139; Dec. 31.
- Mounting, Plug-in coil. W. G. Wheat. 2,023,157; Dec. 3.
- Mounting, Rim. F. W. Burger. 2,023,404; Dec. 10.
- Mounting, Reflector. G. F. Tauchmann. 2,000,303; May 7.
- Mounting, Resilient. C. W. Mapes. 2,004,532; June 11.
- Mounting, Resistance. J. J. Mucher. 1,989,601; Jan. 29.
- Mounting, Rimless endpiece. E. Pappert. 2,006,278; June 25.
- Mounting, Rimless spectacle. E. Pappert. 2,011,905; Aug. 20.
- Mounting, Rock drill. J. C. Curtis. 2,019,659; Nov. 5.
- Mounting, Roll. H. H. Talbot. 1,986,027; Jan. 1.
- Mounting, Rotative wing. A. E. Larsen. 1,995,127; Mar. 19.
- Mounting, Shaft. S. R. Large. 2,022,290; Nov. 26.
- Mounting, Spring. P. Lemaigre. 1,990,410; Feb. 5.
- Mounting, Spring. G. Spiller. 2,008,475; July 16.
- Mounting, Stabilized vibration absorbing. J. T. Remey. 2,007,215; July 9.
- Mounting, Swinging finder. G. A. Mitchell. 2,012,514; Aug. 27.
- Mounting, Tail board. D. C. Wendel. 1,986,953; Jan. 8.
- Mounting, Telescope sight. F. A. Kuhn. 2,004,489; June 11.

- Mounting, Telescope sight. F. A. Kuhn. 2,018,960-1; Oct. 29.
- Mounting, Textile spindle. W. Stahlecker. 2,006,968; July 2.
- Mounting, Thermocouple. K. M. Lederer. 2,000,489; May 7.
- Mounting, Turret. G. H. Rarey. 2,016,292; Oct. 8.
- Mounting, Universal motor. G. F. Loveless. 2,014,071; Sept. 10.
- Mounting, Vehicle differential. O. F. Lundelius and M. N. Lefler. 2,025,668; Dec. 24.
- Mounting, Vehicle spring. O. F. Lundelius and M. N. Lefler. 2,006,644; July 2.
- Mounting, Vehicle wheel. N. A. Carter. 1,995,375; Mar. 26.
- Mounting, Wheel. G. M. Barnes, U. S. Army. 2,011,564; Aug. 20.
- Mounting, Windshield cleaner. H. Hueber and E. C. Horton. 2,010,693; Aug. 6.
- Mounting, Windshield wiper arm. E. C. Horton. 2,020,244; Nov. 5.
- Mounting, Wire brush. R. R. Radinse. 2,000,612; May 7.
- Mouse trap. J. G. Pickering, Jr. 1,998,521; Apr. 23.
- Mouth breathing and snoring. Device to prevent. O. Lowry. 1,990,411; Feb. 5.
- Mouthpiece for brass wind instruments. J. Parduba. 2,018,738; Oct. 29.
- Mouthpiece for ejectors, Variable directional. P. J. Marchant. 2,008,834; July 23.
- Mouthpiece, or the like, Cigarette. G. Davidson. 2,001,709; May 21.
- Mouthpiece, Saliva ejector. L. V. Robinson. 1,986,751; Jan. 1.
- Mouth prop. J. A. N. Thibert. 2,019,060; Oct. 29.
- Mouth set for dolls. A. Frisch. 1,999,724; Apr. 30.
- Mouth support and saliva ejector. Combination anterior. G. G. Lowry. 1,986,275; Jan. 1.
- Movement, Mechanical. L. E. Hurd. 1,994,999; Mar. 19.
- Moving matter, Method of and apparatus for treating. H. F. Carter. 2,002,690; May 28.
- Moving objects, such as the web of a multi-color or other printing machine. Apparatus for use in observing. A. R. Moving sign. A. Lewyt. 2,016,748; Oct. 8.
- Boaz. 2,022,487; Nov. 26.
- Mower. W. J. Coultas. 1,999,868; Apr. 30.
- Mower. E. F. Huddle. 2,014,569; Sept. 17.
- Mower. L. A. Paradise. 1,991,226; Feb. 12.
- Mower. L. A. Paradise, W. J. Coultas, and N. F. Andrews. 1,996,484; Apr. 2.
- Mower. J. M. Tauber. 2,025,537; Dec. 24.
- Mower. L. H. Thoen. 2,000,363; May 7.
- Mower and vacuum collecting means, Power lawn. W. Gedney. 1,992,820; Feb. 26.
- Mower attachment, Lawn. I. E. Litten. 1,999,506; Apr. 30.
- Mower attachment, Lawn. V. G. Few. 2,000,249; May 7.
- Mower construction, Lawn. J. A. Downing. 2,016,230; Oct. 1.
- Mower grass catcher, Lawn. W. B. Kirby. 1,999,102; Apr. 23.
- Mower guard cross bar. E. J. H. Liebetrau. 2,017,466; Oct. 15.
- Mower, Lawn. H. L. Blydenburgh. 2,013,597; Sept. 3.
- Mower, Lawn. J. F. Campion. 1,992,119; Feb. 19.
- Mower, Lawn. H. L. Gooch. 2,016,939; Oct. 8.
- Mower, Lawn. W. Lundin. 1,992,494; Feb. 26.
- Mower, Lawn. P. Makurath. 2,016,929; Oct. 8.
- Mower, Lawn. H. G. Nall. 2,000,143; May 7.
- Mower, Lawn. J. A. Nugen and W. Burcke. 2,020,851; Nov. 12.
- Mower, Lawn. H. R. Palmer. 2,023,029; Dec. 3.
- Mower, Lawn. E. W. Peterson. 1,989,821; Feb. 5.
- Mower, Lawn. R. B. Poynter. 2,005,204; June 18.
- Mower, Lawn. H. J. Stegeman. 1,994,929; Mar. 19.
- Mower, Lawn. C. C. Worthington. 2,015,740; Oct. 1.
- Mower lubricator, Lawn. R. J. Gits. 1,995,538; Mar. 26.
- Mower, Power lawn. F. V. Donald. 1,995,842; Mar. 26.
- Mower, Power operated. H. W. Solens. 2,017,524; Oct. 15.
- Mower rake attachment, Lawn. A. A. Wescott. 2,021,821; Nov. 19.
- Mower sharpening attachment, Lawn. F. E. Lacey. 1,998,585; Apr. 23.
- Mower sharpening device, Lawn. M. Michalski. 2,006,025; June 25.
- Mower, Three speed. F. R. Potts. 1,995,223; Mar. 19.
- Mowers, Bermuda grass attachment for lawn. F. J. Mack. 2,011,005; Aug. 13.
- Mowers, Tilting mechanism for. C. Pearson. 2,002,275; May 21.
- Mowing machine. M. E. Cheadle. 2,016,987; Oct. 8.
- Mowing machine. E. M. Locke. 2,017,347; Oct. 15.
- Mowing machine. M. H. Newlin. 2,000,144; May 7.
- Mowing machine. S. Svensson. 2,015,203; Sept. 24.
- Mowing machine attachment. N. M. Bassett and J. B. Lovell. 2,024,500; Dec. 17.
- Mu-arylene-thiazole and arylene oxazole sulphonic acid. M. Schubert and E. Herdieckerhoff. 2,018,813; Oct. 29.
- Mucinous substance from plants, Extracting. H. B. Near, A. J. Pacini, R. W. Crosley, M. M. Gerth, F. T. Breidigam, and J. D. Kelly. 2,010,880; Aug. 13.
- Muck deflector for drills. G. M. Nell. 1,999,662; Apr. 30.
- Mud jack sleeve for highways and the like. E. H. Peters. 2,007,457; July 9.
- Muff bag. M. Kramer. 2,014,256; Sept. 10.
- Muffler. E. H. Bobo. 1,989,675; Feb. 5.
- Muffler. J. J. Compo. 1,991,014; Feb. 12.
- Muffler. T. K. Corless. 2,003,500; June 4.
- Muffler. C. E. Hathorn. 1,997,298; Apr. 9.
- Muffler. L. R. Heath. 2,013,956; Sept. 10.
- Muffler. C. M. Johnson. 1,991,748; Feb. 19.
- Muffler. M. N. Mikulic. 2,008,964; July 23.
- Muffler. Q. G. Noblitt, E. C. Booth, and E. Ludlow. 2,016,253-4; Oct. 1.
- Muffler. P. G. Peik. 1,988,048; Jan. 15.
- Muffler. P. G. Peik. 2,009,343; July 23.
- Muffler. P. G. Peik. 2,014,666; Sept. 17.
- Muffler. T. S. Safford. 1,986,448; Jan. 1.
- Muffler. J. W. Tatter. 2,019,746; Nov. 5.
- Muffler, Blow-off. C. W. Ploen. 1,993,895; Mar. 12.
- Muffler, Blow-off. J. W. Small, A. G. Dawson, and C. W. Buffington. 1,993,863; Mar. 12.
- Muffler coupling, Universal. A. Haviland. 1,995,542; Mar. 26.
- Muffler, Exhaust. W. C. Diehl, Jr. 2,022,029; Nov. 26.
- Muffler, Fluid fuel burner. W. W. Williams, P. A. Celander, and O. E. Nesmith. 2,012,794; Aug. 27.
- Muffler for automobiles. G. H. Hedrick. 1,989,595; Jan. 29.
- Muffler for internal combustion engines. S. S. Hanson. 2,016,859; Oct. 8.
- Muffler for internal combustion engines. H. S. Powell. 1,998,385-6; Apr. 16.
- Muffler pipe connector. J. J. Compo. 1,995,840; Mar. 26.
- Muffler pipe connector. J. J. Compo. 2,025,271; Dec. 24.
- Muffles for use in connection with the casting of precious metals. K. Plaschka. 2,006,148; June 25.
- Multibeam light machine. M. H. Livingston. 1,987,744; Jan. 15.
- Multicylinder block for air cooled engines. C. S. Brown. 2,012,740; Aug. 27.
- Multicylinder combustion engine. F. Sass. 2,018,472; Oct. 22.
- Multigrad tube. W. Stoff. 2,016,399; Oct. 8.
- Multipin wheel platen. J. Q. Sherman and A. W. Metzger. 2,000,650; May 7.
- Multiple attachment receptacle. H. C. Lee and R. F. Norris. 1,995,855; Mar. 26.
- Multiple copy rack. H. M. Biele. 2,015,510; Sept. 24.
- Multiple discharge tube. A. Nyman. 2,018,314; Oct. 22.
- Multiple expansion engine. H. S. Burnham. 2,010,845; Aug. 13.
- Multiple filling machine, Straight line. P. M. Blackman. 1,992,464; Feb. 26.
- Multiple furnace. C. I. Hayes. 2,000,664; May 7.
- Multiple fuse plug. J. B. Glowacki. 2,017,489; Oct. 15.
- Multiple line holder. G. Beaverson. 2,005,491; June 18.
- Multiple reception system. L. A. Gebhard. 1,987,616; Jan. 15.
- Multiple register machine. J. E. W. Greve. 1,988,896; Jan. 22.
- Multiple rotary pump. P. O. Ott. 1,988,213; Jan. 15.
- Multiple unit gang condenser. S. Cohen. 2,001,600; May 14.
- Multiplication, Frequency. B. Salzberg. 1,999,884; Apr. 30.
- Multiplication, Frequency. G. von Arco. 1,988,097; Jan. 15.
- Multiplication system, Frequency. J. Plebanski. 2,025,610; Dec. 24.
- Multipplier, Dynamic. J. H. Hammond, Jr., and E. S. Purington. 2,008,710; July 23.
- Multipplier for ultra high frequencies, Frequency. C. W. Hansell. 2,005,782; June 25.
- Multipplier, Frequency. M. Osnos. 2,013,806; Sept. 10.
- Multipplier, Frequency. F. E. Terman. 2,000,362; May 7.
- Multipplier, Series dynamic. J. H. Hammond, Jr. 2,008,698; July 23.
- Multiplying system, Frequency. R. M. Heintz. 1,990,733; Feb. 12.
- Multispeed split phase motor. C. H. Dederick. 1,996,571; Apr. 2.
- Multistage filter. L. W. Blau. 2,016,264; Oct. 1.
- Multistory twisting machine. O. Boehmann. 2,010,255; Aug. 6.
- Multi-torsion-meter. L. P. Smith. 2,007,220; July 9.
- Multitubular furnace. E. Elcoro. 2,024,516; Dec. 17.
- Municipal service post. H. F. Heyde. 2,026,385; Dec. 31.
- Muscles, Exercising the ocular. C. M. Jones. 2,012,169; Aug. 20.
- Muscular contractions, Apparatus for producing graduated involuntary. J. S. Kinney. 1,999,729; Apr. 30.
- Mushroom spawn. R. Di Giacinto. 2,005,365; June 18.
- Music, Apparatus for printing. L. M. Newbaker. 1,994,046; Mar. 12.
- Music, Apparatus for the production of. B. F. Miessner. 2,001,391; May 14.
- Music, Apparatus for the production of. B. F. Miessner. 2,007,302; July 9.
- Music container. M. C. Rand. 2,016,176; Oct. 1.
- Music, Device for turning sheet. H. Hysmith. 2,025,510; Dec. 24.
- Music, Method and apparatus for the production of. B. F. Miessner. 1,992,438; Feb. 26.
- Music, Method and apparatus for the production of. B. F. Miessner. 2,001,392; May 14.
- Music played on instruments provided with keyboard or in any case with fixed tuning. Device for automatically writing the. J. Barsuk. 2,024,200; Dec. 17.

- Music printing device. G. A. Candelmo. 2,026,269; Dec. 31.
- Music printing device. E. Maze. 2,013,280; Sept. 3.
- Music printing machine. J. Conus. 1,999,959; Apr. 30.
- Music, Production of. W. F. Curtis. 2,001,708; May 21.
- Music rack. T. Woodall. 2,018,988; Oct. 29.
- Music sheet turner. B. W. Franz. 2,012,992; Sept. 3.
- Music supporting case. M. W. Cowen. 2,014,721; Sept. 17.
- Musical instrument. R. B. Brewer and W. C. Roe. 1,994,560; Mar. 19.
- Musical instrument. A. N. Curtiss. 1,999,355; Apr. 30.
- Musical instrument. W. Gemeinhardt. 1,991,246; Feb. 12.
- Musical instrument. J. H. Hammond, Jr. 2,001,722; May 21.
- Musical instrument. F. A. Hoschke. 2,015,014; Sept. 17.
- Musical instrument. J. Jaksha. 1,997,522; Apr. 9.
- Musical instrument. L. A. Loar. 1,992,317; Feb. 26.
- Musical instrument. L. A. Loar. 1,995,316-17; Mar. 26.
- Musical instrument. A. M. Porter. 2,023,358; Dec. 3.
- Musical instrument. C. Sampietro. 1,995,751; Mar. 26.
- Musical instrument. O. Schmidt. 2,022,691-2; Dec. 3.
- Musical instrument. C. C. Siegrist. 1,988,220; Jan. 15.
- Musical instrument. G. T. Winch. 1,986,547; Jan. 1.
- Musical instrument case. A. M. and A. W. Cook. 1,988,718; Jan. 22.
- Musical instrument controlling means. E. Verlinden. 2,002,162; May 21.
- Musical instrument, Electrical. L. E. A. Bourn. 1,996,669; Apr. 2.
- Musical instrument, Electrical. A. F. Knoblaugh. 2,015,363; Sept. 24.
- Musical instrument, Electrical. N. Langer. 1,993,890; Mar. 12.
- Musical instrument, Electrical. N. Langer. 2,017,542; Oct. 15.
- Musical instrument frame, Foldable. C. O. Musser. 2,021,080; Nov. 12.
- Musical instrument, Key-operated stringed. E. G. A. Ny-lund. 1,999,914; Apr. 30.
- Musical instrument, Percussion. W. F. Ludwig. 2,020,150; Nov. 5.
- Musical instrument rack. P. G. Baker. 1,986,703; Jan. 1.
- Musical instrument, Reed. H. W. Loney. 2,020,261; Nov. 5.
- Musical instrument, Stringed. L. A. Loar. 2,020,557; Nov. 12.
- Musical instrument, Stringed. L. A. Loar. 2,020,842; Nov. 12.
- Musical instrument, Stringed. L. A. Loar. 2,025,875; Dec. 31.
- Musical instrument, Synthetic electronic. I. Eremeeff. 1,990,024; Feb. 5.
- Musical instrument, Tone bar for stringed. J. Mihalek. 2,026,354; Dec. 31.
- Musical instrument, Variable timbre or quality of tone. A. Lesti. 2,014,741; Sept. 17.
- Musical sounds, Apparatus for producing. R. H. Ranger. 1,991,522; Feb. 19.
- Musical tones, Apparatus for amplifying. W. W. Nelson. 1,994,919; Mar. 19.
- Musical tones, Apparatus for producing. R. H. Ranger. 2,018,924; Oct. 29.
- Musk-ambrette, Manufacture of. W. V. Wirth. 2,007,234; July 9.
- Musk-ambrette, Purification of. M. A. Dahlen and W. V. Wirth. 2,007,241; July 9.
- Musk xylene, Manufacture of. W. V. Wirth. 2,023,565; Dec. 10.
- Muzzle. B. B. Bailes. 2,003,229; May 28.
- Nail. A. J. Deniston, Jr. 1,995,705; Mar. 26.
- Nail. A. J. Deniston, Jr. 1,995,706; Mar. 26.
- Nail. G. F. Shearman. 2,007,311; July 9.
- Nail-distributor. C. H. Balcom. 2,004,233; June 11.
- Nail, Wire. H. J. Stone. 2,025,961; Dec. 31.
- Nailing tool. E. J. Govanus. 2,009,580; July 30.
- Nails, Making. R. J. Farrell. 1,993,402; Mar. 5.
- Nails, Making. G. Robergel. 2,014,746; Sept. 17.
- Nails, Making. G. F. Shearman. 2,007,312; July 9.
- Nails, Making lead-headed screw-threaded. A. J. Deniston, Jr. 2,001,869; May 21.
- Name plates and the like, Securing. M. W. Romig. 1,987,215; Jan. 8.
- Naphtha and heavier oils in the vapor phase, Cracking. A. P. Sachs. 2,016,297; Oct. 8.
- Naphthalene and production thereof, Light colored liquid chlorinated. E. R. Hanson and S. Brown. 2,025,742; Dec. 31.
- Naphthalene-1,4, 5,8-tetra-carboxylic acids and new derivatives of such acids, Preparing. H. Vollmann and M. Corell. 2,009,596; July 30.
- Naphthalene, Purification of. J. D. Todd and J. C. Owens. 1,996,262; Apr. 2.
- Naphthas, Sweetening light. A. F. Endres. 2,022,847; Dec. 3.
- Naphthols, Preparation of. E. C. Britton and H. A. Stearns. 1,996,745; Apr. 9.
- Napkin. F. L. Yezley. 2,009,831; July 30.
- Napkin embossing, printing, and folding machine, Paper. J. S. Burt. 2,004,032; June 4.
- Napkin, Folded. A. E. Coffin. 2,002,691; May 28.
- Napkin folding machine. J. E. Blosser and P. Burke. 1,992,179; Feb. 26.
- Narrowing mechanism for flat knitting machines. K. R. Lieberknecht. 1,987,690; Jan. 15.
- Nasal inhaler. A. G. Borden. 1,986,247; Jan. 1.
- Nasal pack. H. C. Riordan. 2,007,503; July 9.
- Navigating table. B. K. O. Lundberg. 2,009,407; July 30.
- Navigation apparatus, Radio controlled. F. E. Nickel. 2,007,477; July 9.
- Navigation instrument. V. B. Buck. 2,006,127; June 25.
- Navigational guide system. J. H. Hammond, Jr. 2,018,357; Oct. 22.
- Navigational instrument. H. M. Jensen. 2,004,951; June 18.
- Navigational instrument. T. L. Sprague. 2,007,986; July 16.
- Navigational instrument. P. Van H. Weems. 1,985,907; Jan. 1.
- Navigational instrument. M. C. Wilkinson. 1,997,893; Apr. 16.
- N-chloro-azo-dicarbonamidines, Manufacturing. F. C. Schmelkes and H. C. Marks. 2,016,257; Oct. 1.
- N-diethylaminoethyl paraaminophenyl arsonic acid. W. Schulemann and F. Mietzsch. 1,998,558; Apr. 23.
- N-dihydro-1,2,1'2'-anthraquinone-azine and its derivatives, Producing. M. S. Thompson. 1,997,610; Apr. 16.
- N-dihydro-1,2,2',1'-anthraquinone azine, Producing. F. W. Peck and F. Knowles. 1,994,484; Mar. 19.
- Neckband and collar finishing press. J. S. Patterson. 2,000,093; May 7.
- Neck-cloth and towel, Barber's. J. Webster. 1,995,760; Mar. 26.
- Necktie. J. F. and G. A. Ansell. 1,990,316; Feb. 5.
- Necktie. M. Black. 2,007,175; July 9.
- Necktie. R. A. Cloke. 1,990,167; Feb. 5.
- Necktie. N. Gold. 2,024,352; Dec. 17.
- Necktie. M. R. Gray. 2,019,782; Nov. 5.
- Necktie. S. Newman. 1,998,143; Apr. 16.
- Necktie. G. F. Pinsuti. 1,991,334; Feb. 12.
- Necktie. W. H. Sears. 2,023,293; Dec. 3.
- Necktie. R. E. Serrano. 1,997,085; Apr. 9.
- Necktie. W. F. Smith. 2,010,247; Aug. 6.
- Necktie. M. Solomon. 1,988,092; Jan. 15.
- Necktie. F. H. and E. Tesch. 2,000,799; May 7.
- Necktie. J. Zieber. 1,993,817; Mar. 12.
- Necktie, Adjustable. M. Halpern and W. Mayer. 2,003,359; June 4.
- Necktie and lining therefor. R. De Socarras. 1,993,263; Mar. 5.
- Necktie construction. S. L. Starkey. 2,016,126; Oct. 1.
- Necktie holder. F. N. Ashworth. 2,023,299; Dec. 3.
- Necktie holder. L. E. Baer. 2,002,231; May 21.
- Necktie holder. H. Cohn. 2,003,740; June 4.
- Necktie holder. F. J. Kempf. 2,016,010; Oct. 1.
- Necktie holder. J. H. Kraemer. 1,998,961; Apr. 23.
- Necktie holder. A. W. Lindquist. 2,021,630; Nov. 19.
- Necktie holder. E. S. Mix. 2,024,943; Dec. 17.
- Necktie holder. S. Owen. 1,994,897; Mar. 19.
- Necktie holder. A. F. Reilly. 1,995,226; Mar. 19.
- Necktie holder, Temporary. A. F. W. Ruske. 1,986,071; Jan. 1.
- Necktie or four-in-hand, Two front. A. Dombrowsky. 2,024,151; Dec. 17.
- Necktie press. B. Shapiro. 2,007,665; July 9.
- Necktie rack. A. R. Brothers. 2,007,636; July 9.
- Necktie retainer. W. L. Weinschreider. 2,009,911; July 30.
- Necktie rolling and pressing device. F. O. Bergstrand. 1,989,583; Jan. 29.
- Necktie, Two-piece four-in-hand. M. H. McWhirter. 2,002,825; May 28.
- Neckties, Device for ironing. A. Stoffel. 2,017,478; Oct. 15.
- Neckwear. A. T. Lapham. 2,004,490; June 11.
- Neckwear, Knitted. J. Saftlas. 2,021,025; Nov. 12.
- Neckerchief holder. E. W. Ozmon. 1,997,650; Apr. 16.
- Needle. H. Swinglehurst. 2,010,205; Aug. 6.
- Needle and its manufacture, Surgical and like. N. E. Everett. 2,022,234; Nov. 26.
- Needle and the like, Surgical injection. A. T. and A. A. Salvati. 2,003,340; July 16.
- Needle bar bearing mechanism. F. A. Reece. 1,993,350; Mar. 5.
- Needle bearing, Closed removable. G. Eisgruber. 2,001,675; May 14.
- Needle comparing device. G. Gastrich. 2,009,968; July 30.
- Needle-eye polishing machine. R. Stempel. 1,988,818; Jan. 22.
- Needle for use in the production of knitted fabrics. R. K. Mills. 1,997,530; Apr. 9.
- Needle guard. H. J. Moranville. 1,999,251; Apr. 30.
- Needle, Hypodermic. J. K. Cislak. 1,993,398; Mar. 5.
- Needle, Knitting machine. A. Currier. 1,991,140; Feb. 12.
- Needle lapping machine, Guide. E. Wirth. 2,022,448; Nov. 26.
- Needle lubricating mechanism. O. F. Hoppe. 2,007,570; July 9.
- Needle or tufting device. R. C. Lang. 2,017,100; Oct. 15.
- Needle package, Hypodermic. P. C. Kerk. 2,004,050; June 4.
- Needle, Surgical. F. J. and F. K. Gruss. 2,023,807; Dec. 10.
- Needle, Surgical. G. E. Tornsjö. 2,001,638; May 14.
- Needle threader. W. Frey. 2,016,423; Oct. 8.
- Needle threading device. S. Sidler. 2,006,185; June 25.

- Needle, Tufting. A. Fridolph. 1,998,418; Apr. 16.
 Needle valve. P. A. Kinzie. 1,998,459; Apr. 23.
 Needles, Making. H. Swinglehurst. 2,015,609; Sept. 24.
 Negative bias for audiofrequency amplifiers. S. W. Seeley. 2,017,020; Oct. 8.
 Negative resistance. E. H. Yonkers, Jr. 2,002,238; May 21.
 Negatives or positives, particularly separation negatives for color reproduction, Production of. M. Kronschnabl. 2,020,688; Nov. 12.
 Neoparsphenamine and preparing the same, Purified. G. W. Raiziss and A. I. Kremens. 2,020,655; Nov. 12.
 Nest, Hen. S. J. Busch. 2,022,843; Dec. 3.
 Nest, Trap. C. S. Hedquist. 1,987,106; Jan. 8.
 Nesting paper can. W. F. Goetz. 2,007,191-2; July 9.
 Net. P. S. Bartlett. 2,008,123; July 16.
 Net, Landing. J. H. Saarela. 2,021,387; Nov. 19.
 Network, Band pass. N. M. Rust. 2,025,128; Dec. 24.
 Network distribution. M. A. Bostwick and B. E. Lenehan. 2,020,931; Nov. 12.
 Network distribution system. G. R. Milne. 1,997,647; Apr. 16.
 Network protector, Simplified. J. S. Parsons and R. E. Powers. 2,018,226; Oct. 22.
 Network system for distribution. J. S. Parsons. 2,018,225; Oct. 22.
 Network system of distribution. J. S. Parsons. 2,023,097; Dec. 3.
 Neutralizers to sour cream. Device for applying. C. Jorgensen. 2,018,173; Oct. 22.
 Newspaper. M. Eiseaman. 2,011,572; Aug. 20.
 Newspaper clip. W. T. Baggett. 2,018,198; Oct. 22.
 Newspaper clip. W. E. Demmy. 1,997,048; Apr. 9.
 Newspaper holder. W. T. McAdams. 2,022,865; Dec. 3.
 Newspaper printing machine. H. Smytherman. 2,022,746; Dec. 3.
 Nickel alloy. W. Kroil. 1,986,585; Jan. 1.
 Nickel carbonyl, Polymerization of. H. G. Webster. 2,002,805; May 28.
 Nickel copper solution to remove iron present therein, Treating. A. M. Grönningssæter. 1,986,967; Jan. 8.
 Nickel from nickel salt solutions, Electrolytic deposition of. A. M. Grönningssæter. 2,001,385; May 14.
 Nickel or nickel copper compounds, Reduction of oxygenous. A. M. Grönningssæter. 2,000,171; May 7.
 Nigrosines, Treating spirit soluble. S. C. Kimmel. 1,988,499; Jan. 22.
 Ninety degree dial indicator. E. H. Aldeborgh and A. H. Emery. 2,015,986; Oct. 1.
 Nipple. Y. H. Kurkjian. 2,010,637; Aug. 6.
 Nipple and stopper therefor, Filling. P. Kelly. 2,007,803; July 9.
 Nipple, Bottle. H. D. Naum. 2,005,437; June 18.
 Nipple, Teething and feeding. A. C. Heise and M. W. Jacobi. 2,001,842; May 21.
 Nitrates from metal halides, Production of. L. Rosenstein. 2,007,478; July 9.
 Nitric acid manufacture. N. Titlestad. 1,998,106; Apr. 16.
 Nitric oxide and hydrogen chloride from nitrosyl chloride, Production of. O. Kaselitz. 2,025,391; Dec. 24.
 Nitriding, Program control of. L. O. Stammberger. 2,025,134; Dec. 24.
 Nitrite compound of 2-chloro-6-nitrobenzaldehydimercurioxide. E. Havas. 1,996,005; Mar. 26.
 Nitrites to nitrates, Oxidation of. W. Gross. 2,013,984; Sept. 10.
 Nitro and other compounds, Reduction of. H. Dreyfus. 2,010,067; Aug. 6.
 Nitro-amino-alkoxy-diphenyls. S. Coffey and K. W. Palmer. 2,006,538; July 2.
 Nitro-arylamines, Production of. L. H. Flett. 2,012,307; Aug. 27.
 Nitrochlor polyphenyl compound and making same. F. M. Clark. 2,019,337; Oct. 29.
 Nitrocompounds, Manufacture of aromatic. K. C. Simon. 2,008,045; July 16.
 Nitrogen and hydrogen by the thermal decomposition of ammonia, Production of. C. S. Hall. 2,013,652; Sept. 10.
 Nitrogen and hydrogen, Preparing a mixture of. G. W. Burke. 1,988,781; Jan. 22.
 Nitrogen bases for use as antiknock compound, Producing. G. Ezloff and R. E. Schaad. 1,994,243; Mar. 12.
 Nitrogen bases, Obtaining organic. J. R. Bailey. 1,998,485; Apr. 23.
 Nitrogen by means of an electric arc, Fixation of atmospheric. E. Briner and C. H. Wakker. 1,992,566; Feb. 26.
 Nitrogen compounds, Heterocyclic. H. A. Piggott. 2,016,836; Oct. 8.
 Nitrogen in nitrosyl chloride, Utilizing the. O. Kaselitz. 2,004,663; June 11.
 Nitrogen oxides, Apparatus for forming. F. W. de Jahn. 2,016,810; Oct. 8.
 Nitrogen, Production of. E. H. Salisbury. 2,013,809; Sept. 10.
 Nitrogenous condensation products from acetylene and ammonia, Production of. L. Schlecht and H. Roetger. 2,012,174; Aug. 20.
 Nitrogenous polymerization product. M. A. Kunz, K. Koerberle, and E. Berthold. 1,989,042; Jan. 22.
 Nitrogenous products of the aliphatic series, Producing. K. Keller. 1,992,489; Feb. 26.
 Nitroguanidine, Reduction of. J. A. Wyler. 1,990,511; Feb. 12.
 Nitro-naphthalenes, Production of. H. H. Hodgson. 1,988,493; Jan. 22.
 Nitroso compounds of cobalt, Production of. L. Schlecht, G. Hamprecht, and F. Spoun. 1,992,637; Feb. 26.
 N-mono-ethyl aromatic amines of the benzene series, Purification of. E. H. Rodd and R. W. Everatt. 1,986,411; Jan. 1.
 Nodules, Production of. S. D. Wells. 1,986,907; Jan. 8.
 Noise-dampener for brake drums. S. G. Tilden. 2,012,838; Aug. 27.
 Noise excluding apparatus. W. D. Binger. 1,990,520; Feb. 12.
 Noise producing device. G. Boden. 1,987,226; Jan. 8.
 Noise reducing means for sound locator-searchlight systems. F. R. House. 1,996,514; Apr. 2.
 Nonclogging dispenser. L. Schumacher. 2,008,564; July 16.
 Nonglare and sunshade. M. J. Donnelly. 1,995,969; Mar. 26.
 Nonrefillable receptacle. F. A. Talbot. 1,988,881; Jan. 22.
 Nonregenerative system and operating the same. H. St. Laurent. 1,986,894; Jan. 8.
 Nonresealable container. H. R. Stewart. 2,004,512; June 11.
 Nonskid chain. W. Seeley. 2,020,082; Nov. 5.
 Nonskid device. J. Peterson. 1,999,944; Apr. 30.
 Nonskid device for motor vehicles. C. H. Hessler. 1,995,249; Mar. 19.
 Non-skid lock-up set. A. A. and E. R. Olson. 1,986,354; Jan. 1.
 Nonskid mechanism. H. Wevers. 2,012,866; Aug. 27.
 Nonspillable vent plug. J. L. Woodbridge. 1,992,151; Feb. 19.
 Nonsugars from saccharine materials, Recovering. G. T. Reich. 2,022,824; Dec. 3.
 Non-sugars from saccharine materials, Recovery of. G. T. Reich. 2,022,093; Nov. 26.
 Nontangling tea bag. W. M. Ingram. 2,015,854; Oct. 1.
 Nose pad support for eyeglass and spectacle frames. O. W. Dechau. 2,026,273; Dec. 31.
 Nose pad support for eyeglass and spectacle frames. C. J. Eagle. 2,026,275; Dec. 31.
 Nose-piece for microscopes, Revolving. F. Hauser. 1,996,920; Apr. 9.
 Novelty. S. Fallow. 1,990,935; Feb. 12.
 Novelty finish. T. A. Neuhaus. 2,021,152; Nov. 19.
 Novelty, Smoker's. C. R. Johnson. 2,015,524; Sept. 24.
 Noxious weed killing solutions and the like, Apparatus for spraying. E. Hope. 1,991,930; Feb. 19.
 Nozzle. H. W. Gillett and A. W. MacLaren. 1,988,432; Jan. 15.
 Nozzle. W. A. Kysor. 1,990,386; Feb. 5.
 Nozzle. A. F. Lewis. 1,992,490; Feb. 26.
 Nozzle. O. F. Marvin. 2,008,871; July 23.
 Nozzle. F. J. Rash. 2,001,889; May 21.
 Nozzle. C. O. Wilson. 2,021,710; Nov. 19.
 Nozzle arrangement. J. T. Corley. 2,006,791; July 2.
 Nozzle controlling mechanism for liquid dispensing systems. H. E. Marvel. 1,990,742; Feb. 12.
 Nozzle diaphragm. J. M. Downer. 1,998,951; Apr. 23.
 Nozzle, Distributor. A. B. Tappen. 2,005,600; June 18.
 Nozzle, Filling. A. Andreas. 2,012,116; Aug. 20.
 Nozzle, Fluid. O. W. Greene. 2,002,242; May 21.
 Nozzle, Flusher type spray. T. A. Loughlin. 2,024,936; Dec. 17.
 Nozzle, Fog-producing. J. C. Schellin. 1,996,884; Apr. 9.
 Nozzle for adhesive containers, Spreading. W. S. Stafford. 2,014,149; Sept. 10.
 Nozzle for burning comminuted coal and like. W. J. Porteous. 2,023,696; Dec. 10.
 Nozzle for dispensing apparatus. Hose. H. E. Marvel. 1,990,741; Feb. 12.
 Nozzle for flat-spraying appliances. Air. E. Gustafsson. 1,990,824; Feb. 12.
 Nozzle for hand driers. A. C. McCord. 1,997,387; Apr. 9.
 Nozzle for oil furnaces, Fuel. A. Wettstein. 2,015,611; Sept. 24.
 Nozzle for sand blast machines. R. W. Weir. 1,986,906; Jan. 8.
 Nozzle for self-igniting internal combustion engines, Injection. H. Heinrich and W. Voit. 2,017,028; Oct. 8.
 Nozzle for syringe type hydrometers. L. Edelmann. 2,016,830; Oct. 8.
 Nozzle for the expansion of hot liquids. H. B. Reitlinger. 2,019,694; Nov. 5.
 Nozzle, Gasoline. M. N. Tainagi. 2,016,730; Oct. 8.
 Nozzle holder. J. A. Skoglund. 2,003,837; June 4.
 Nozzle, Hose. A. Frisco. 1,994,389; Mar. 12.
 Nozzle, Hose. J. A. Jensen. 2,006,833; July 2.
 Nozzle, Illuminated hose. C. E. Bourret. 2,002,107; May 21.
 Nozzle, Mixing. W. A. Fritz. 2,025,974; Dec. 31.
 Nozzle, Multiple spray. A. E. Kittredge. 1,996,159; Apr. 2.
 Nozzle, Spray. H. H. Howell. 2,020,144; Nov. 5.
 Nozzle, Spray. O. Hukari. 2,013,959; Sept. 10.
 Nozzle, Spray. L. R. Loomis. 2,017,467; Oct. 15.
 Nozzle, Sprinkler. H. E. Meng. 2,025,767; Dec. 31.
 Nozzle, Suction. G. H. Cranmer. 2,025,412-3; Dec. 24.
 Nozzle, Suction. L. Ell. 2,025,734; Dec. 31.
 Nozzle, Suction. W. F. Harkness. 2,022,239; Nov. 26.
 Nozzle, Suction. S. E. Leitzell. 1,994,616; Mar. 19.
 Nozzle, Vaporizer. M. Katzman. 2,013,917; Sept. 10.

- N(p-amino-phenyl) morpholine and preparing the same. H. A. Lubs. 2,004,763; June 11.
- N(p-amino-phenyl) morpholine. Preparation of. H. A. Lubs and G. C. Strouse. 2,004,764; June 11.
- N(para-(beta-naphthyl-amino)phenyl) morpholine and its production. G. C. Strouse. 2,005,571; June 18.
- N-substituted derivative of sulphanilines. W. Neelmeier and W. Meiser. 2,002,612; May 28.
- Number plate for telephone dials. W. W. Werring and T. S. Huxham. 2,002,969; May 28.
- Nut. J. B. Glowacki. 2,017,493; Oct. 15.
- Nut. C. C. Harbridge. 1,994,132; Mar. 12.
- Nut and making same. Lock. A. J. Cayouette. 2,007,293; July 9.
- Nut and retainer. E. A. Green. 1,986,891; Jan. 8.
- Nut assembly, Clamping. F. U. Winchester. 2,017,114; Oct. 15.
- Nut blank machine. E. V. Kuebrich. 1,992,316; Feb. 26.
- Nut blanks, Fabrication of. W. G. Costin and W. M. Horton. 2,022,076; Nov. 26.
- Nut blanks, Making. C. L. Harvey and L. A. Frayer. 2,015,596; Sept. 24.
- Nut blanks, Making. J. A. Kinney. 2,003,084; May 28.
- Nut blanks or the like, Making castellated or slotted. W. McL. Rosborough. 2,016,296; Oct. 8.
- Nut, bolt, and the like. Lock. S. C. Dickerhoff, Jr. 2,008,274; July 16.
- Nut branding machine. H. W. Bartlett. 1,992,347; Feb. 26.
- Nut, Cap. E. W. Ferry. 2,018,301; Oct. 23.
- Nut cracker. G. N. Harris. 1,987,399; Jan. 8.
- Nut cracker and making the same. F. H. Quackenbush. 2,016,050; Oct. 1.
- Nut cracking machine. M. L. Albrecht and F. W. Brehmer. 2,010,794; Aug. 6.
- Nut cracking machine. O. H. Franklin. 2,000,749; May 7.
- Nut cracking machine. W. H. Hancock. 2,002,289; May 21.
- Nut cracking machine, Multiple. S. Marghitan. 2,022,356; Nov. 26.
- Nut, Crimp. L. M. Post. 2,017,421; Oct. 15.
- Nut device and making it. Screw and trunnion. J. J. McLaughlin. 2,002,671; May 28.
- Nut handling machine. H. W. Bartlett. 2,023,660; Dec. 10.
- Nut, Lock. G. O. Blair. 2,019,387; Oct. 29.
- Nut lock. G. W. Campbell. 2,025,643; Dec. 24.
- Nut lock. C. L. Freeland. 2,016,000; Oct. 1.
- Nut lock. R. J. Lackner. 2,006,359; July 2.
- Nut lock. I. B. Leslie. 1,996,727; Apr. 2.
- Nut lock. B. F. Money. 2,024,054; Dec. 10.
- Nut lock device. F. J. Young. 2,006,064; June 25.
- Nut lock washer. W. H. Schmitt. 2,013,526; Sept. 3.
- Nut locking device. A. F. Boitel. 1,996,710; Apr. 2.
- Nut, screw, and like article. A. G. M. Mitchell. 2,005,348; June 18.
- Nut, Self locking. H. A. Hayden. 2,003,591; June 4.
- Nut shell liquid and products therefrom. Distillation of marking. M. T. Harvey. 2,016,282; Oct. 8.
- Nut shelling machine. W. D. Burgin. 1,994,906; Mar. 19.
- Nut, Spring. G. A. Tinnerman. 2,007,011; July 2.
- Nut, Spring lock. W. A. Bergstrom. 2,007,171; July 9.
- Nut structure, Sheet metal. W. I. Jones. 2,010,519; Aug. 6.
- Nuts, Making. C. A. Swanstrom. 1,990,718; Feb. 12.
- Nuts, Making. S. G. Syversen. 1,992,102; Feb. 19.
- Nuts, Making castle. H. C. Erdman. 2,013,460; Sept. 3.
- Nuts, Making lock. I. C. Emery. 2,003,651; June 18.
- Nuts, Making tight fitting. W. E. Sharp. 2,007,310; July 9.
- Nuts, Manufacture of. J. W. Gibney. 1,993,137; Mar. 5.
- Nuts to candy bars, Method of and apparatus for applying. F. A. Martocchio. 2,002,018; May 21.
- Nuts, Treating. J. A. Zaloom. 2,020,533; Nov. 12.
- Nuts, Treating unbulbed. E. M. Chace, D. G. Sorber, D. H. Rundle, and M. H. Kimball. 2,010,780; Aug. 6.
- Nutrient medium, Manufacture of. A. E. Pieper and W. Wolfenstein. 2,004,673; June 11.
- O-amino-aryl mercaptans and derivatives thereof, Producing. H. A. Lubs, J. E. Cole, and A. L. Fox. 2,007,335; July 9.
- Oar. V. Ankarlo. 2,003,418; June 4.
- Oar, Bow facing. S. H. Williams. 2,000,630; May 7.
- Oar lock. C. O. Burr. 1,990,114; Feb. 5.
- Oat hulling and cleaning machine. E. Lorenzen. 2,011,110; Aug. 13.
- Oats from hulls, Apparatus for separating. L. B. Baumhoyer. 2,002,133; May 21.
- Object supporting means. E. F. Mayer. 2,023,055; Dec. 3.
- Objects from a conveyor, Apparatus for picking up. P. L. Derome. 2,020,635; Nov. 12.
- Objects from aqueous dispersions of organic substances, Production of shaped. P. Klein and F. Gábor. 1,996,073; Apr. 2.
- Objects in perspective, Device for drawing. R. H. Harris, Jr. 1,986,506; Jan. 1.
- Objective attaching means. C. F. Nowack. 2,008,991; July 23.
- Objective diaphragm, Concentrically adjustable. D. Leitz, Jr. 2,011,002; Aug. 13.
- Objectives for taking, printing, and projecting lenticular films. K. Rantsch. 2,022,978; Dec. 3.
- Oboe mouthpiece. A. O. Buhren. 2,003,576; June 4.
- Observation device. B. E. Edwards. 2,009,340; July 23.
- Obstetrical appliance, Surgeon's. J. J. Freymann. 2,009,655; July 30.
- Ocetylphenols and ethers thereof. H. A. Bruson. 1,987,228; Jan. 8.
- Ocetylsalicylic acid. H. A. Bruson and O. Stein. 2,001,767; May 21.
- Ocular defects, Correcting. L. W. Wyckoff. 2,024,194; Dec. 17.
- Odometer, Printing. G. C. Coil. 1,986,185; Jan. 1.
- Odor and color of tar acids, Improving the. C. E. Hartwig. 2,011,633; Aug. 20.
- Odor eliminating device. E. S. Smith. 2,001,828; May 21.
- Odoriferous constituents in brewing, Elimination of the immature. L. Nathan and G. Opekar. 1,988,954; Jan. 22.
- Oestrus exciting product and producing same. S. Aschheim. 2,000,117; May 7.
- Offset counting device. S. Halvorsen. 1,999,292; Apr. 30.
- Offset in printing and the like, Opposing. W. W. Allen and L. Grammer. 2,000,684; May 7.
- Offset in printing, Preventing. R. L. Melton, R. C. Benner, and H. P. Kirchner. 2,011,181; Aug. 13.
- Offset printing press. H. M. Barber. 2,003,798-800; June 4.
- Oil and gas separator. H. H. Canterbury. 1,999,396; Apr. 30.
- Oil and gas separator. A. Lincoln. 2,016,641; Oct. 8.
- Oil and gas separator. E. W. Pittman. 1,994,110; Mar. 12.
- Oil and gas separator. E. J. Riley. 2,001,851; May 21.
- Oil and gas wells, Treating. M. B. Pitzer and N. M. Huffaker. 1,991,293; Feb. 12.
- Oil and its manufacture, Mineral. H. Limburg. 2,023,369; Dec. 3.
- Oil and making same, Flange. H. T. Bennett. 2,026,491; Dec. 31.
- Oil and making the same, Hydrocarbon. H. G. M. Fischer and C. E. Gustafson. 2,004,094; June 11.
- Oil and pitch, Coal tar. J. V. E. Dickson. 2,005,077; June 18.
- Oil and preparing the same, Road. P. Alexandroff. 2,002,652; May 28.
- Oil and process of making, Modified drying. H. A. Gardner. 1,986,571; Jan. 1.
- Oil and producing the same, Rosin drying. R. C. Palmer and P. O. Powers. 2,022,973; Dec. 3.
- Oil and product containing it, Vulcanized asphalt. H. S. Holt. 2,002,634; May 28.
- Oil and product thereof, Sulphurizing pine. McK. C. Edwards and J. V. Congdon. 2,012,446; Aug. 27.
- Oil, Apparatus and process for re-refining waste lubricating. G. R. Duffy. 1,997,295; Apr. 9.
- Oil, Apparatus for cracking. A. C. Spencer and E. W. Luster. 1,998,402; Apr. 16.
- Oil, Apparatus for distillation of. A. Knudsen. 2,006,273; June 25.
- Oil, Apparatus for reclaiming crank-case. C. P. Shillaber. 2,012,695; Aug. 27.
- Oil as city gas, Burning. C. B. Hillhouse. 1,987,400; Jan. 8.
- Oil as gas, Burning. C. B. Hillhouse. 1,987,401; Jan. 8.
- Oilbath rotary. E. E. Greve. 2,009,176; July 23.
- Oil burner. R. P. Rabcock. 2,003,964; June 25.
- Oil burner. F. W. Barhoff and F. W. Barhoff, Jr. 2,020,867; Nov. 12.
- Oil burner. O. E. Barthel and J. J. Power. 2,011,606; Aug. 20.
- Oil burner. E. L. Bauer. 2,014,714; Sept. 17.
- Oil burner. G. O. Brumm. 2,005,532; June 18.
- Oil burner. J. A. Dahlstrom and W. A. Bryson. 2,000,884; May 7.
- Oil burner. D. C. Elliot and W. H. De Lancey. 1,985,920; Jan. 1.
- Oil burner. W. J. Englert. 2,009,578; July 30.
- Oil burner. W. M. Esterling. 2,003,827; June 4.
- Oil burner. H. L. Fischer. 2,003,111; May 28.
- Oil burner. H. C. Gore and J. H. Nunn, Jr. 2,020,777; Nov. 12.
- Oil burner. D. Hall. 1,988,553; Jan. 22.
- Oil burner. J. J. Harman. 2,023,072; Dec. 3.
- Oil burner. J. J. Hawxhurst. 2,022,284; Nov. 26.
- Oil burner. I. M. Hayward. 2,022,285; Nov. 26.
- Oil burner. J. J. Jorgensen. 2,017,697; Oct. 15.
- Oil burner. H. E. Josephson. 1,991,155; Feb. 12.
- Oil burner. J. P. Kelly and A. Pike. 2,019,012; Oct. 29.
- Oil burner. C. J. Kessler. 2,013,274; Sept. 3.
- Oil burner. W. G. Latimer. 2,011,901; Aug. 20.
- Oil burner. M. A. S. Lavigne. 2,025,459; Dec. 24.
- Oil burner. J. A. Logan. 1,985,934; Jan. 1.
- Oil burner. K. E. Lundberg. 2,010,403; Aug. 6.
- Oil burner. T. H. McCauley. 2,017,418; Oct. 15.
- Oil burner. L. B. Mettler. 1,997,066; Apr. 9.
- Oil burner. H. H. Nielsen. 2,019,763; Nov. 5.
- Oil burner. S. S. Noe. 1,990,088; Feb. 5.
- Oil burner. G. E. Pickup. 1,986,526; Jan. 1.
- Oil burner. C. R. Rau. 2,006,842; July 2.
- Oil burner. J. J. Ritthamel. 2,015,909; Oct. 1.
- Oil burner. B. E. Shaw and W. H. De Lancey. 1,986,020; Jan. 1.
- Oil burner. J. J. Sloyan. 2,003,700; June 4.
- Oil burner. R. T. Smith. 1,997,755; Apr. 16.
- Oil burner. L. F. Spear. 1,985,956-7; Jan. 1.
- Oil burner. L. F. Spear. 2,015,572; Sept. 24.
- Oil burner. A. R. Stevenson, Jr. 2,004,771; June 11.
- Oil burner. R. M. Vidalie. 2,005,832; June 25.

- Oil burner, R. J. Wilson. 1,999,121; Apr. 23.
 Oil burner, Blue flame wickless. G. Grobard. 2,013,305; Sept. 3.
 Oil burner boiler. A. Macchi. 1,995,185; Mar. 19.
 Oil burner for heating stoves and the like. A. W. Richardson. 2,011,982; Aug. 20.
 Oil burner, Range. S. J. and M. J. DeFlumere. 2,007,181; July 9.
 Oil burner, Rotary flame spreader annular retort. F. Marion. 1,989,655; Jan. 29.
 Oil, Burning. J. J. Harman. 2,023,074; Dec. 3.
 Oil burning apparatus. A. Macchi. 2,022,513; Nov. 26.
 Oil burning apparatus. K. Muraki. 1,995,861; Mar. 26.
 Oil burning apparatus. H. F. Rodler. 2,004,346; June 11.
 Oil burning apparatus. C. W. Whitney and A. Nelson. 1,987,040; Jan. 8.
 Oil burning device. H. F. Rodler. 2,025,526; Dec. 24.
 Oil burning heater. W. T. Bradbury. 2,026,340; Dec. 31.
 Oil-burning heater. H. M. Jerome. 1,990,695; Feb. 12.
 Oil burning steam boiler. P. P. Monfils. 2,017,157; Oct. 15.
 Oil can. T. W. Bibb. 2,022,271; Nov. 26.
 Oil can. S. O. Paull. 2,019,579; Nov. 5.
 Oil-cataract-control gear. O. Huwyler. 1,991,676; Feb. 19.
 Oil check for bearings. T. G. Jonn and A. A. Breuer. 1,991,614; Feb. 19.
 Oil clarifier. D. H. Miller. 2,014,445; Sept. 17.
 Oil clarifier. W. R. Mobley. 2,009,510; July 30.
 Oil, Colored lubricating. F. S. Clulow. 2,017,529; Oct. 15.
 Oil, Coloring and improving lubricating. F. R. Moser. 2,010,606; Aug. 6.
 Oil combustion apparatus. O. C. Schroeder and S. Perry. 2,005,639; June 18.
 Oil compamer. Visible. L. Hyatt and G. D. Robbins. 2,016,832; Oct. 8.
 Oil composition and making the same. S. M. Herman. 2,008,419; July 16.
 Oil composition, Drying. V. H. Turkington and W. H. Butler. 1,988,615; Jan. 22.
 Oil composition, Low pour point mineral. A. J. van Peski. 2,022,990; Dec. 3.
 Oil compound, Core. H. L. Quandt and J. J. Horak. 2,004,345; June 11.
 Oil container. R. F. Pustejovsky. 2,023,820; Dec. 10.
 Oil-control valve. Thermostatic. J. T. Landgraf. 1,992,377; Feb. 26.
 Oil conversion, Hydrocarbon. J. G. Alther. 1,991,440; Feb. 19.
 Oil conversion, Hydrocarbon. J. B. Heid. 1,990,868; Feb. 12.
 Oil conversion, Hydrocarbon. J. B. Heid. 1,996,243; Apr. 2.
 Oil conversion, Hydrocarbon. C. W. Luton and J. Beddow. 2,000,399; May 7.
 Oil conversion, Hydrocarbon. E. F. Nelson. 2,001,150; May 14.
 Oil conversion, Hydrocarbon. J. D. Seguy. 1,990,254; Feb. 5.
 Oil, Conversion of hydrocarbon. J. B. Heid. 1,988,842; Jan. 22.
 Oil, Conversion of hydrocarbon. E. F. Nelson. 2,009,119; July 23.
 Oil, Conversion of hydrocarbon. R. F. Trow. 2,016,304; Oct. 8.
 Oil cooler. A. F. Baillio. 2,007,590; July 9.
 Oil cooler. N. E. Cammack. 1,996,404; Apr. 2.
 Oil cooler. J. Flockhart. 2,003,744; June 4.
 Oil cooler. O. C. Palmer. 2,014,028; Sept. 10.
 Oil cooling device. L. D. Hilton. 2,019,813; Nov. 5.
 Oil cooling system. V. L. Bianchi and L. Mina. 2,013,708; Sept. 10.
 Oil cooling system, Thermostatically controlled. B. Loeffler. 2,012,613; Aug. 27.
 Oil, Cracking. G. Egloff. 2,022,803; Dec. 3.
 Oil, Cracking. H. Sydnor. 2,015,733; Oct. 1.
 Oil cracking apparatus. F. M. Pyzel. 2,004,217; June 11.
 Oil, Cracking hydrocarbon. J. B. Heid. 2,003,537; June 4.
 Oil, Cracking of hydrocarbon. C. P. Dubbs. 2,010,982; Aug. 13.
 Oil, Cylinder. F. H. MacLaren and G. F. Bowers. 1,998,767; Apr. 23.
 Oil, Decolorizing. S. E. Campbell. 1,991,049; Feb. 12.
 Oil, Dehydrating. W. B. Hendrey and I. A. Ebaugh. 2,014,936; Sept. 17.
 Oil, Dehydrating pine. S. G. Norton. 2,003,458; June 4.
 Oil, Desulphurizing mercaptan-bearing. L. V. Chaney and W. A. Schulze. 1,998,863; Apr. 23.
 Oil, Dewaxing hydrocarbon. E. F. Pever. 2,003,667; June 4.
 Oil, Dewaxing lubricating. J. M. Musselman. 2,014,629; Sept. 17.
 Oil dispensing apparatus, Canned. W. S. Townsend. 1,998,263; Apr. 16.
 Oil dispensing attachment for gasoline pumps. W. B. Thalman. 2,011,021; Aug. 13.
 Oil dispensing device. C. H. Erne. 1,994,466; Mar. 19.
 Oil distillates and residues, Dewaxing lubricating. C. F. Tears. 2,008,570; July 16.
 Oil distillates, Treating cracked. J. F. M. Taylor and H. I. Lounsbury. 2,025,255; Dec. 24.
 Oil distillates, Treating mineral. A. J. van Peski. 2,019,772; Nov. 5.
 Oil, Distillation of mineral. L. D. Jones. 2,018,309; Oct. 22.
 Oil distillation, Mineral. J. E. Schulze. 2,017,820; Oct. 15.
 Oil dye stock, Preparing lubricating. S. S. Shaffer and E. V. Fasce. 1,988,753; Jan. 22.
 Oil emulsion. F. D. Snell and C. S. Kimball. 2,021,027; Nov. 12.
 Oil filter. F. A. Howard, D. A. Shepard, and H. W. Fisher. 2,010,430; Aug. 6.
 Oil filter. L. M. Monroe. 2,006,405; July 2.
 Oil filter. J. H. Riehlmann. 1,997,746; Apr. 16.
 Oil filter. D. H. Ross. 2,007,615; July 9.
 Oil filter base. C. B. Jahneke. 2,017,756; Oct. 15.
 Oil fog, Apparatus for and method of producing. O. H. Blackwood and W. L. Shively. 1,993,316; Mar. 5.
 Oil fog lubrication. W. L. Shively. 1,993,311; Mar. 5.
 Oil for transformers and the like. F. M. Clark. 1,988,299; Jan. 15.
 Oil, Fractionation of mineral. U. B. Bray. 1,988,713; Jan. 22.
 Oil from cashew nuts, Extracting. T. M. Rector. 2,018,091; Oct. 22.
 Oil from fuller's earth or similar material, Separating. E. R. Mitchell. 2,006,088; June 25.
 Oil from the peels of citrus fruit, Method and machine for extracting. W. A. Pipkin. 2,004,056; June 4.
 Oil furnace boiler. H. S. Woodruff. 1,922,794; Feb. 26.
 Oil-gas fuel generator, Catalyzing. E. L. Rathburn. 2,006,367; July 2.
 Oil gas generator, Partial combustion. C. Chilowsky. 2,011,034; Aug. 13.
 Oil-gas, Making. J. P. Mallett. 2,016,170; Oct. 1.
 Oil grade indicator. F. J. Philippar. 2,021,089; Nov. 12.
 Oil heater. J. C. Black. 2,026,120; Dec. 31.
 Oil heating unit. R. S. Moore. 1,987,487; Jan. 8.
 Oil in the vapor phase, Cracking. C. T. Chave and H. C. Schutt. 2,015,420; Sept. 24.
 Oil, Insecticidal. H. E. Buc. 2,013,028; Sept. 3.
 Oil into an emulsion for application on surfaces of cement, wood, or stucco, Process adapted to convert siccative. O. da C. Sardinha. 1,998,845; Apr. 23.
 Oil leaks in cable systems, Detecting and ascertaining the region of. G. B. Shanklin. 2,004,769; June 11.
 Oil, Lubricating. J. E. Schulze. 1,999,212; Apr. 30.
 Oil, Making of medicinal. B. E. Carl. 2,007,365; July 9.
 Oil, Manufacture of low pour lubricating. M. Kiser. 2,020,066; Nov. 5.
 Oil, Method of and apparatus for desulphurizing. J. H. Erter. 1,986,257; Jan. 1.
 Oil of low pour test, Manufacture of high viscosity index lubricating. F. X. Govers. 1,995,147; Mar. 19.
 Oil or other liquid fuel pump. R. Oldham. 2,007,871; July 9.
 Oil or the like, Apparatus for cooling or heating. E. J. Riley. 1,994,730; Mar. 19.
 Oil pan for internal combustion engines, Radiating type. K. E. Lyman. 1,991,618; Feb. 19.
 Oil, Polymerizing china-wood. L. J. Reizenstein. 2,017,164; Oct. 15.
 Oil pressure switch. B. T. Holman. 2,024,926; Dec. 17.
 Oil, Process and apparatus for acid treating light mineral. F. O. Blair. 2,001,899; May 21.
 Oil, Producing a refined hydrogenated sesame. G. W. Phelps. 2,022,361; Nov. 26.
 Oil, Producing low cold test. A. Berne-Allen, Jr. 2,008,674; July 23.
 Oil, Producing lubricating. U. B. Bray. 2,006,098; June 25.
 Oil, Producing lubricating. J. D. Fields. 2,024,968; Dec. 17.
 Oil, Production of lubricating. U. B. Bray and C. E. Swift. 1,988,711; Jan. 22.
 Oil, Production of lubricating. U. B. Bray and C. E. Swift. 1,988,712; Jan. 22.
 Oil, Production of lubricating. U. B. Bray and C. E. Swift. 2,006,092; June 25.
 Oil, Production of lubricating. U. B. Bray and C. E. Swift. 2,006,095-6; June 25.
 Oil, Production of lubricating. R. E. Haylett. 1,988,793; Jan. 22.
 Oil, Production of lubricating. D. R. Merrill. 1,988,803; Jan. 22.
 Oil products and product thereof, Treating mineral. J. H. James. 2,010,085; Aug. 6.
 Oil proofing composition. J. K. Delano. 2,025,729; Dec. 31.
 Oil pump. A. W. F. Manzel and W. C. H. Pfeil. 2,017,155; Oct. 15.
 Oil pump. A. J. Travis. 2,011,883; Aug. 20.
 Oil, Purifying an acid-treated light hydrocarbon. F. M. Archibald and P. Janssen. 2,022,268; Nov. 26.
 Oil, Purifying and dewaxing mineral. G. J. Strezynski and W. Kronasser. 2,006,816; July 2.
 Oil reclaimer. P. Williams. 2,023,986; Dec. 10.
 Oil rectifier and reclaimer. O. W. Pettit. 2,020,570; Nov. 12.
 Oil, Refinement of cracked hydrocarbon. W. L. Benedict and C. Wirth 3d. 2,013,399; Sept. 3.
 Oil, Refining apparatus for crude. J. P. and T. P. Bohan. 1,999,954; Apr. 30.
 Oil refining, Hydrocarbon. W. M. Malisoff. 2,013,663; Sept. 10.

- Oil, Refining hydrocarbon. J. C. Morrell. 1,988,083; Jan. 15.
- Oil, Refining lubricating. J. M. Musselman. 2,020,954; Nov. 12.
- Oil, Refining lubricating. E. J. Smith. 1,998,292; Apr. 16.
- Oil, Refining mineral. C. R. McKay and J. H. Smith. 2,022,358; Nov. 26.
- Oil refining, Solvent recovery in. M. G. Paulus. 1,994,727; Mar. 19.
- Oil removal, Light. D. L. Jacobson. 1,993,344; Mar. 5.
- Oil residues, Treating mineral. H. T. Swerissen. 2,026,073; Dec. 31.
- Oil return means for flooded evaporators. J. Askin. 1,987,591; Jan. 15.
- Oil sands, Method and apparatus for increasing recovery from. W. E. Lang. 2,019,418; Oct. 29.
- Oil saver. W. R. Guiberson. 2,005,259; June 18.
- Oil saver and sucker rod stripper. G. B. Head. 2,026,036; Dec. 31.
- Oil separator for refrigerating systems. A. A. Ralston. 2,023,241; Dec. 3.
- Oil, Stabilized hydrocarbon. C. K. Parker. 2,001,108; May 14.
- Oil, Stabilized mineral. B. H. Shoemaker. 2,012,918; Aug. 27.
- Oil, Sulphonated. R. Greenbalgh. 1,986,808; Jan. 8.
- Oil supply apparatus for oil burners. I. V. Abadjieff. 2,005,066; June 18.
- Oil supply, Fuel. H. J. Hammerly. 2,012,005; Aug. 20.
- Oil supply system for cables. H. Halperin and A. P. Thomas. 2,023,583; Dec. 10.
- Oil, Sweetening hydrocarbon. L. J. Snyder. 1,985,955; Jan. 1.
- Oil, Sweetening hydrocarbon. C. F. Teichmann. 2,011,954; Aug. 20.
- Oil, Sweetening of hydrocarbon. R. B. Thacker, Jr. 1,994,969; Mar. 19.
- Oil, Sweetening petroleum. P. S. Nisson. 2,016,342; Oct. 8.
- Oil tank level indicator. G. Bucky. 1,991,192; Feb. 12.
- Oil temperature regulating device. L. M. Young and E. Witzel. 1,992,796; Feb. 26.
- Oil temperature regulator. R. Chilton. 2,021,129; Nov. 19.
- Oil temperature regulator. J. R. Holmes. 1,991,555; Feb. 19.
- Oil tester. G. A. Brandlin. 2,026,267; Dec. 31.
- Oil testing device. C. E. Sherman and H. P. Boak. 2,019,024; Oct. 29.
- Oil-trap for air cleaners, Backfire. F. A. Donaldson. 1,992,025; Feb. 19.
- Oil, Treating. U. B. Bray and C. E. Swift. 2,006,094; June 25.
- Oil, Treating. U. B. Bray and C. E. Swift. 2,006,097; June 25.
- Oil, Treating. E. W. Gard. 2,002,004; May 21.
- Oil-treating device. E. J. Degenther. 2,014,800; Sept. 17.
- Oil treating device. O. C. Watson. 1,991,830; Feb. 19.
- Oil, Treating hydrocarbon. C. P. Dubbs. 2,009,878; July 30.
- Oil, Treating hydrocarbon. J. H. Forrester. 2,011,479; Aug. 13.
- Oil treating systems, Apparatus for. E. T. Pummill. 2,023,545; Dec. 10.
- Oil treatment, Hydrocarbon. L. M. Henderson. 2,024,221; Dec. 17.
- Oil treatment of coal. A. O. Vinz. 2,005,512; June 18.
- Oil, Treatment of hydrocarbon. G. Egloff. 2,009,108; July 23.
- Oil, Treatment of hydrocarbon. V. Ipatieff. 2,006,695; July 2.
- Oil, Treatment of hydrocarbon. J. D. Seguy. 2,001,159; May 14.
- Oil vapor, Apparatus for fractionating hydrocarbon. F. W. Hall. 2,005,316; June 18.
- Oil warmer and cooler. C. S. Bigelow. 1,989,585; Jan. 29.
- Oil, water, and gas separator. A. Lincoln. 2,016,642; Oct. 8.
- Oil-water emulsions, Breaking of. J. C. Walker. 2,000,725; May 7.
- Oil-water emulsions, Breaking of. J. C. Walker. 2,000,802; May 7.
- Oil-wax mixtures, Separation of. I. M. Perkins and S. S. Kurtz, Jr. 1,998,464; Apr. 23.
- Oil-wax mixtures, Treatment of. J. B. Hill. 2,010,819; Aug. 13.
- Oil-wax mixtures, Treatment of. I. M. Perkins and F. B. Hobart. 1,994,485; Mar. 19.
- Oil well apparatus. J. F. Moody. 2,009,942; July 30.
- Oil well drilling mud. T. K. Stinson. 2,003,701; June 4.
- Oil well pump. G. N. Foggan. 2,014,562; Sept. 17.
- Oil well pump. D. G. Gall. 2,026,465; Dec. 31.
- Oil well pump. W. F. McMahon. 1,992,436; Feb. 26.
- Oil well tool. W. T. Wells. 1,987,919; Jan. 15.
- Oil wells, Device to determine inclination of. R. Temple. 1,995,046; Mar. 19.
- Oil wells, Method and apparatus for operating. J. A. Zublin. 2,005,767; June 25.
- Oil wells, Method of and means for flowing. H. C. Otis. 2,002,791; May 28.
- Oil wells, Treating. W. V. Vietti and A. D. Garrison. 2,024,119; Dec. 10.
- Oil with accumulation under pressure, Cracking. C. A. Hillman. 2,015,110; Sept. 24.
- Oil with liquid reagent, Contacting hydrocarbon. P. W. Merchant. 2,016,336; Oct. 8.
- Oiler, Air-line. J. Bliss. 2,003,132; May 28.
- Oiler, Automatic. T. G. Myers. 1,990,305; Feb. 5.
- Oiler, Die. J. M. Hinkle. 2,000,482; May 7.
- Oiler, Drill. J. H. Lind. 1,999,329; Apr. 30.
- Oiler, Flange. J. P. Ruth. 1,991,419; Feb. 19.
- Oiler for deep well turbine pumps, Automatic. J. M. Hait. 2,016,673; Oct. 8.
- Oiler, Hog. C. A. Kalina. 2,020,063; Nov. 5.
- Oiler, initial and drip, Automatic. G. T. Pfefer. 2,008,035; July 16.
- Oiler, Journal. R. W. Miller. 2,013,357; Sept. 3.
- Oiling appliance. N. H. Robinson, J. L. Frazier, J. C. Browning, and L. A. Smith. 1,992,839; Feb. 26.
- Oiling device, Automatic. M. F. Leach. 2,022,726; Dec. 3.
- Oiling device for conveyor chains. E. B. Kerst and H. S. Bogaty. 1,990,408; Feb. 5.
- Oiling device for deep well pumps. T. G. Myers. 2,014,661; Sept. 17.
- Oiling system. O. S. Easterling. 2,009,544; July 30.
- Oiling system for internal combustion engines. P. E. Mack. 1,996,817; Apr. 9.
- Oils, Agent for the purification of. P. J. McDermott. 1,999,335; Apr. 30.
- Oils and apparatus therefor, Cracking of heavy. F. Uhlmann. 2,023,754; Dec. 10.
- Oils and apparatus therefor, Pyrolysis of petroleum. N. E. Loomis. 1,998,248; Apr. 16.
- Oils and bituminous materials, Treating hydrocarbon. A. Fisher. 2,010,357; Aug. 6.
- Oils and coal, Treatment of hydrocarbon. J. C. Morrell. 1,986,593; Jan. 1.
- Oils and making the same, Hydrocarbon. W. K. Lewis and B. Mead. 1,996,075; Apr. 2.
- Oils and the like by steam treatment, Refining. G. Zotos. 2,001,444; May 14.
- Oils and the like, Manufacture of modified, bodied products from fatty. L. Ader. 2,007,958; July 16.
- Oils, Apparatus employed in the treatment of hydrocarbon. H. Dimmig. 2,020,241; Nov. 5.
- Oils, Apparatus for burning heavy fuel. E. J. Faccini and J. Capra. 2,004,275; June 11.
- Oils, Apparatus for clay-treating. V. C. Benjamin. 1,987,175; Jan. 8.
- Oils, Apparatus for the treatment of hydrocarbon. W. F. Sims and V. U. Cloer. 2,003,724; June 4.
- Oils, Chemical treatment of hydrocarbon. E. W. Hultman. 1,992,308; Feb. 26.
- Oils, Clarifying and improving the color of hydrocarbon. M. M. Moore, R. R. Thorburn, and W. B. Wilson. 1,989,330; Jan. 29.
- Oils, Coking hydrocarbon. J. D. Seguy. 2,014,212; Sept. 10.
- Oils, Coking of heavy. W. P. Arnold, Jr. 1,988,644; Jan. 22.
- Oils containing tertiary terpene alcohols and products obtained thereby, Treatment of. R. C. Palmer and P. O. Powers. 2,016,576; Oct. 8.
- Oils, Conversion of hydrocarbon. C. H. Angell. 2,018,699; Oct. 29.
- Oils, Conversion of hydrocarbon. M. W. Barnes. 1,989,731; Feb. 5.
- Oils, Conversion of hydrocarbon. L. de Florez. 2,024,996; Dec. 17.
- Oils, Conversion of hydrocarbon. J. B. Heid. 2,006,552; July 2.
- Oils, Conversion of hydrocarbon. J. B. Heid. 2,016,781; Oct. 8.
- Oils, Conversion of hydrocarbon. B. W. Morgan. 2,020,653; Nov. 12.
- Oils, conversion of hydrocarbon. J. C. Morrell. 2,010,369-70; Aug. 6.
- Oils, Conversion of hydrocarbon. G. B. Murphy. 2,000,186; May 7.
- Oils, Conversion of hydrocarbon. E. F. Nelson. 2,016,386; Oct. 8.
- Oils, Conversion of hydrocarbon. R. Pyzel. 2,010,376; Aug. 6.
- Oils, Conversion of hydrocarbon. R. F. Trow. 2,016,948; Oct. 8.
- Oils, Conversion of hydrocarbon. R. F. Trow. 2,016,950; Oct. 8.
- Oils, Conversion of hydrocarbon. R. F. Trow. 2,018,475; Oct. 22.
- Oils, Conversion of hydrocarbon. R. F. Trow. 2,023,775; Dec. 10.
- Oils, Conversion of hydrocarbon. W. G. Whitman. 2,018,986; Oct. 29.
- Oils, Converting high boiling point. R. E. Wilson. 1,996,091; Apr. 2.
- Oils, Converting higher into lower boiling. C. P. Dubbs. 2,025,501; Dec. 24.
- Oils, Converting hydrocarbon. D. P. Bailey. 2,026,505; Dec. 31.
- Oils, Converting hydrocarbon. L. de Florez. 2,001,301; May 14.
- Oils, Converting hydrocarbon. H. R. Snow and R. L. Zimmerman. 2,022,985; Dec. 3.
- Oils, Converting hydrocarbon. R. F. Trow. 2,016,949; Oct. 8.
- Oils, Cracking hydrocarbon. F. W. Hall and H. A. Smith. 2,005,675; June 18.
- Oils, Cracking hydrocarbon. J. B. Heid. 2,003,536; June 4.

- Oils, Cracking hydrocarbon. J. B. Heid. 2,008,502; July 16.
- Oils, Cracking hydrocarbon. E. W. Isom. 2,013,803; Sept. 10.
- Oils, Cracking hydrocarbon. E. W. Isom. 2,026,231; Dec. 31.
- Oils, Cracking hydrocarbon. H. L. Pelzer. 2,001,313-14; May 24.
- Oils, Cracking hydrocarbon. A. E. Pew, Jr. 2,021,923; Nov. 26.
- Oils, Cracking petroleum. R. A. Halloran and A. L. Strout. 2,008,550; July 16.
- Oils, Decolorizing and dewaxing petroleum lubricating. C. F. Tears. 2,008,569; July 16.
- Oils, Decomposing hydrocarbon. R. E. Wilson. 1,991,971; Feb. 19.
- Oils, Dewaxing. B. G. Aldridge. 1,988,768; Jan. 22.
- Oils, Dewaxing. A. Berne-Allen, Jr. 1,993,256; Mar. 5.
- Oils, Dewaxing. E. W. Gard. 1,989,355; Jan. 29.
- Oils, Dewaxing. C. E. Swift. 1,988,706; Jan. 22.
- Oils, Dewaxing. J. W. Weir. 2,005,062; June 18.
- Oils, Dewaxing hydrocarbon. R. H. Gardner. 1,995,740; Mar. 26.
- Oils, Dewaxing hydrocarbon. E. J. Martin. 1,995,744; Mar. 26.
- Oils, Dewaxing hydrocarbon. E. Petty. 2,023,181; Dec. 3.
- Oils, Dewaxing lubricating. J. A. Anderson. 1,998,648; Apr. 23.
- Oils, Dewaxing lubricating. H. G. Smith. 1,989,028; Jan. 22.
- Oils, Dewaxing mineral. C. E. Adams and V. Voorhees. 2,005,984; June 25.
- Oils, Dewaxing mineral. H. T. Bennett. 1,993,396; Mar. 5.
- Oils, Distilling heavy lubricating. G. B. Coubrough. 1,991,791; Feb. 19.
- Oils, Distilling hydrocarbon. G. W. Watts and W. B. Mathews. 1,989,389; Jan. 29.
- Oils, Emulsified wood. L. J. Figg, Jr. 2,017,147; Oct. 15.
- Oils, fats, fatty oils, fatty esters, fatty acids, fatty acid salts, and related compounds, Preservation of. W. S. Calcott, W. A. Douglass, and H. W. Walker. 1,987,321; Jan. 8.
- Oils, Filter-aid dewaxing hydrocarbon. R. E. Manley and W. P. Gee. 2,020,693; Nov. 12.
- Oils for bronzing inks, Drying. R. C. Palmer and P. O. Powers. 2,022,974; Dec. 3.
- Oils for removing sulphur compounds, Refining hydrocarbon. W. G. Hamilton, R. G. Follis, and H. P. McCormick. 1,993,140; Mar. 5.
- Oils, Hydrogenization of. M. G. Barradas. 2,014,999; Sept. 17.
- Oils, Improving the taste of hydrogenated. D. Hildisch. 2,021,552; Nov. 19.
- Oils into low boiling hydrocarbon oils, Conversion or cracking of high boiling hydrocarbon. J. D. Seguy. 2,004,223; June 11.
- Oils into lower boiling hydrocarbon oils, Converting high boiling hydrocarbon. R. E. Wilson. 2,009,367; July 23.
- Oils into lower boiling point hydrocarbon oils, Conversion of high boiling point hydrocarbon. R. E. Wilson. 2,021,471; Nov. 19.
- Oils, Lubricating. C. Wulff, F. Moll, and W. Breuers. 1,998,350; Apr. 16.
- Oils, Manufacture of fish liver. A. T. A. D. Middlemass. 2,007,723; July 9.
- Oils, Manufacture of heavy lubricating. H. G. Smith. 1,999,486; Apr. 30.
- Oils, Manufacturing high viscosity index. H. T. Bennett. 2,003,233; May 28.
- Oils, Manufacturing high viscosity index. H. T. Bennett. 2,003,235; May 28.
- Oils, Method and apparatus for dewaxing. B. G. Aldridge and B. Hopper. 1,988,767; Jan. 22.
- Oils, Method and apparatus for handling residual. G. S. Dunham. 1,998,122; Apr. 16.
- Oils, Method and apparatus for treating. A. W. Gleason and D. B. Nutt. 1,992,420; Feb. 26.
- Oils, Polymerizing hydrocarbon. R. C. Osterstrom. 2,009,902; July 30.
- Oils, Preparation of cutting. B. Gallswothy. 1,987,397; Jan. 8.
- Oils, Process and apparatus for converting hydrocarbon. J. W. Throckmorton. 2,002,160; May 21.
- Oils, Process and apparatus for cracking. J. S. Gallagher. 2,006,449; July 2.
- Oils, Process and apparatus for the treatment of heavy. A. Joseph. 2,000,960; May 14.
- Oils, Producing high viscosity index. H. T. Bennett. 2,003,234; May 28.
- Oils, Producing high viscosity index. H. T. Bennett. 2,003,236; May 28.
- Oils, Producing lubricating. U. B. Bray and C. E. Swift. 2,006,093; June 25.
- Oils, Production of high quality lubricating. M. Pier and A. Eisenhut. 2,018,871; Oct. 29.
- Oils, Production of lubricating. H. Zorn, G. Hofmann, and W. Rosinsky. 2,025,490; Dec. 24.
- Oils, Purification of. H. J. Wollner. 1,992,979; Mar. 5.
- Oils, Purifying lubricating. C. M. Ambler, Jr. 1,990,359; Feb. 5.
- Oils, Reclaiming used lubricating. F. G. Baender. 1,988,773; Jan. 22.
- Oils, Refining. N. E. Loomis. 1,997,938; Apr. 16.
- Oils, Refining lubricating. W. H. Bahlke. 2,017,432; Oct. 13.
- Oils, Refining of hydrocarbon. J. C. Morrell. 1,988,084; Jan. 15.
- Oils, Separating mineral. H. T. Bennett. 2,003,238; May 28.
- Oils, Stabilizing. L. G. Story. 2,023,385; Dec. 3.
- Oils, Sweetening hydrocarbon. W. A. Schulze and L. V. Chaney. 2,022,942; Dec. 3.
- Oils, tars and residues, Distillation of mineral still. A. M. Thomsen. 2,000,305; May 7.
- Oils, Textile fiber spraying. J. G. Detwiler, T. C. Heisig, J. E. Rosnell, and F. W. Hall. 2,002,885; May 28.
- Oils, Treating. J. C. Black. 2,018,654; Oct. 29.
- Oils, Treating. U. B. Bray. 2,010,007-8; Aug. 6.
- Oils, Treating. W. B. D. Penniman. 2,007,212; July 9.
- Oils, Treating. R. K. Stratford. 2,007,114; July 2.
- Oils, Treating hydrocarbon. G. Armistead, Jr., and W. T. Donaldson. 1,999,270; Apr. 30.
- Oils, Treating hydrocarbon. H. V. Atwell. 2,008,661; July 23.
- Oils, Treating hydrocarbon. R. T. Haslam. 1,988,731; Jan. 22.
- Oils, Treating hydrocarbon. W. K. Holmes. 1,985,928; Jan. 1.
- Oils, Treating hydrocarbon. R. J. McRae. 2,001,741; May 21.
- Oils, Treating hydrocarbon. W. A. Schulze and L. V. Chaney. 2,020,661; Nov. 12.
- Oils, Treating hydrocarbon. G. O. Shefstead. 2,023,619; Dec. 10.
- Oils, Treating hydrocarbon. W. M. Stratford. 2,020,086; Nov. 5.
- Oils, Treating hydrocarbon. C. F. Teichmann. 2,014,915; Sept. 17.
- Oils, Treating lubricating. E. Ayres and H. G. Smith. 2,010,387; Aug. 6.
- Oils, Treating lubricating. J. McA. Harris, Jr. 2,025,387; Dec. 24.
- Oils, Treating mineral. B. R. Carney and R. H. Crosby. 2,026,213; Dec. 31.
- Oils, Treating of hydrocarbon. J. D. Seguy. 2,025,532; Dec. 24.
- Oils, Treatment of hydrocarbon. J. G. Alther. 2,005,527; June 18.
- Oils, Treatment of hydrocarbon. J. G. Alther. 2,009,128; July 23.
- Oils, Treatment of hydrocarbon. C. H. Angell. 2,009,129; July 23.
- Oils, Treatment of hydrocarbon. R. F. Davis. 2,024,681; Dec. 17.
- Oils, Treatment of hydrocarbon. L. de Florez. 2,003,137; May 28.
- Oils, Treatment of hydrocarbon. C. P. Dubbs. 2,018,708; Oct. 29.
- Oils, Treatment of hydrocarbon. G. Egloff. 1,986,190; Jan. 1.
- Oils, Treatment of hydrocarbon. G. Egloff. 1,992,299; Feb. 26.
- Oils, Treatment of hydrocarbon. G. Egloff and J. C. Morrell. 1,988,114; Jan. 15.
- Oils, Treatment of hydrocarbon. G. Egloff and J. C. Morrell. 1,997,861; Apr. 16.
- Oils, Treatment of hydrocarbon. G. Egloff and J. C. Morrell. 2,021,740; Nov. 19.
- Oils, Treatment of hydrocarbon. L. C. Huff. 2,016,371; Oct. 8.
- Oils, Treatment of hydrocarbon. V. Ipatieff. 2,001,906; May 21.
- Oils, Treatment of hydrocarbon. V. Ipatieff. 2,001,910; May 21.
- Oils, Treatment of hydrocarbon. V. Ipatieff. 2,018,066; Oct. 22.
- Oils, Treatment of hydrocarbon. L. A. Mekler. 2,022,810; Dec. 3.
- Oils, Treatment of hydrocarbon. J. C. Morrell. 1,990,303; Feb. 5.
- Oils, Treatment of hydrocarbon. J. C. Morrell. 2,002,747; May 28.
- Oils, Treatment of hydrocarbon. J. C. Morrell. 2,009,898; July 30.
- Oils, Treatment of hydrocarbon. J. C. Morrell. 2,016,339; Oct. 8.
- Oils, Treatment of hydrocarbon. J. C. Morrell and C. H. Angell. 1,995,005; Mar. 19.
- Oils, Treatment of hydrocarbon. J. C. Morrell and G. Egloff. 2,000,410-12; May 7.
- Oils, Treatment of hydrocarbon. J. C. Morrell and G. Egloff. 2,021,739; Nov. 19.
- Oils, Treatment of hydrocarbon. N. S. Olsen. 2,023,205; Dec. 3.
- Oils, Treatment of hydrocarbon. J. D. Seguy. 1,986,228; Jan. 1.
- Oils, Treatment of hydrocarbon. W. M. Stratford. 2,003,776; June 4.
- Oils, Treatment of hydrocarbon. C. C. Towne. 1,997,159; Apr. 9.
- Oils, Treatment of hydrocarbon. C. W. Watson and V. Stapleton. 2,008,480; July 16.
- Oils, Treatment of hydrocarbon. H. C. Weber. 2,018,161; Oct. 22.
- Oils with formaldehyde, a condensing agent, and acetic acid, Treating hydrocarbon. S. C. Fulton. 2,018,715; Oct. 29.

- Oils with selective solvents, Treating mineral. H. T. Bennett. 2,003,237; May 28.
- Oleaginous solutions of organic salts of bismuth. P. E. C. Goisset and R. L. Despois. 2,009,295; July 23.
- Oleate of benzyl carbinamines. F. P. Nabenhauer. 2,015,408; Sept. 24.
- Olefine derivatives, Making. W. B. Scott, L. S. Bovier, and E. D. Matthews. 2,004,084; June 4.
- Olefine hydrocarbons from gases, Recovering. H. T. Bennett. 2,026,265; Dec. 31.
- Olefine oxides, Manufacture of. E. C. Britton, H. S. Nutting, and P. S. Petrie. 1,996,638; Apr. 2.
- Olefine-polysulphide plastic and the manufacture thereof. J. C. Patrick. 2,012,347; Aug. 27.
- Olefines and liquid hydrocarbons from methane, Production of. P. Feiler. 2,022,279; Nov. 26.
- Olefines from gases containing the same, Separation and recovery of. W. P. Joshua and H. M. Stanley. 2,005,500; June 18.
- Olefines having three or more carbon atoms in the molecule in strong acids, Absorbing. A. J. van Peski. 1,995,908; Mar. 26.
- Olefines having three or more carbon atoms in the molecule in strong acids, Absorbing. A. J. van Peski. 1,999,621; Apr. 30.
- Olefines, Hydrating. G. F. Horsley. 2,015,073; Sept. 24.
- Olefines, Hydration of. H. Dreyfus. 1,986,882; Jan. 8.
- Olefines, Hydration of. H. Dreyfus. 2,015,105; Sept. 24.
- Olefines, Hydration of. H. Dreyfus. 2,020,672; Nov. 12.
- Olefines, Polymerization of. F. W. Sullivan, Jr. 2,022,221; Nov. 26.
- Olefines, Hydration of. W. P. Joshua, H. M. Stanley, and J. B. Dymock. 2,009,775; July 30.
- Olefines, Hydration of. A. T. Larson. 2,014,740; Sept. 17.
- Olefines, Manufacture of. DuB. Eastman. 2,014,724; Sept. 17.
- Olefines, Polymerization of. W. B. Plummer and V. Voorbees. 1,991,354; Feb. 12.
- Olefines, Preparation of substantially pure tertiary. R. M. Deanesley and W. Engs. 2,012,785; Aug. 27.
- Olefines, Production of esterified. K. R. Edlund and T. Evans. 2,006,734; July 2.
- Olefines, Segregation of tertiary base. W. Engs and R. Moravec. 2,007,159; July 9.
- Olefines, Selective removal of tertiary. R. M. Deanesley. 2,020,389; Aug. 6.
- Olefines, Selective removal of tertiary base. W. Engs and R. Moravec. 2,007,160; July 9.
- Olefines, Treating. B. T. Brooks. 1,988,479; Jan. 22.
- Olefines with sulphuric acid, Reacting. K. B. Lacy. 1,991,948; Feb. 19.
- Oleo gear. C. V. Johnson. 1,990,033; Feb. 5.
- 1-arylamino-6-amino-anthraquinone and its preparation. D. P. Graham. 1,996,959; Apr. 9.
- 1-chloro-ethylbenzenes, Manufacture of. H. Finkelstein and W. Krey. 1,998,538; Apr. 23.
- 1,4-diaminoanthraquinone-2,3-x-trisulphonic acids, Preparing. F. Baumann. 2,008,056; July 16.
- 1,4-diamino-2-aryloxyanthraquinone-3-sulphonic acid, Production of. B. Stein and F. Baumann. 2,001,221; May 14.
- 1,4-dihaloanthraquinone-2-carboxylic acids, Preparing. B. Bienert and R. Held. 2,019,840; Nov. 5.
- 1,4,5,8-naphthalene-tetra-carboxylic acid and substitution product thereof, Preparing. W. Eckert, H. Sieber, H. Greune, and G. Langbein. 2,011,805; Aug. 20.
- 1-nitro-anthraquinone-6-acyl amino compounds and their preparation. E. E. Beard. 2,001,701; May 21.
- 1 (nitro-phenyl)-nitro or halo-mercaptobenzothiazoles. J. Teppema. 1,989,469; Jan. 29.
- 1-n-methyl-4-bromo-anthrapyridone, Purification of. H. R. Lee and E. C. Buxbaum. 2,012,233; Aug. 20.
- 1-n-methyl-4-halogen-anthrapyridone. Purification of. E. C. Buxbaum. 2,012,228; Aug. 20.
- 1-n-methyl-4-halogen-anthrapyridone, Purification of. H. J. Welland and E. C. Buxbaum. 2,012,235; Aug. 20.
- 1-(parahydroxyphenyl)-2-dimethylamino-propane and its acid addition salts. G. A. Alles. 2,015,580; Sept. 24.
- 1-(parahydroxyphenyl)-2-methylaminopropane and its acid addition salts. G. A. Alles. 2,015,579; Sept. 24.
- 1-(paramethoxyphenyl)-2-formylaminopropanes and preparing same. G. A. Alles. 2,011,790; Aug. 20.
- 1-(paramethoxyphenyl)-2-methylaminopropane and its acid addition salts. G. A. Alles. 2,015,578; Sept. 24.
- 1-phenyl-3-methyl-pyrazolone-5 and related compounds, Preparation of. F. Johnston. 2,017,815; Oct. 15.
- 1-phenyl-2,3-dimethyl-5-pyrazolone, Producing. B. Reuter. 2,005,505; June 18.
- One-piece container. H. D. Randall. 2,020,799; Nov. 12.
- One-piece disk wheel. M. Winkler. 1,986,698; Jan. 1.
- 1,3 diamino-2-propanol, Preparation of. R. R. Bottoms. 1,985,885; Jan. 1.
- One way brake. A. Zwald. 2,001,810; May 21.
- Opaque material. R. N. Wallach. 2,022,064; Nov. 26.
- Opaque originals by contact printing, Copying of. L. P. F. van der Grinten. 2,026,292; Dec. 31.
- Open hearth furnace. O. P. Luetscher. 2,011,554; Aug. 13.
- Open hearth heater. W. E. Jaquith and H. H. Walters. 2,009,642; July 30.
- Opener and closer for overhead doors, Mechanical door. W. E. Wread. 2,023,909; Dec. 10.
- Opener and cover, Can. N. P. Courtney. 2,006,944; July 2.
- Opener and pouring spout, Combined can. W. F. Punte. 2,024,875; Dec. 17.
- Opener and spout, Can. J. F. Moran. 1,988,854; Jan. 22.
- Opener and spout, Combination cardboard box. J. T. Cooney. 2,004,600; June 4.
- Opener and stopper, Combination. B. H. Pisow. 1,999,254; Apr. 30.
- Opener and tightener, Fruit jar. E. A. Balz. 2,005,410; June 18.
- Opener, Automatic garage door. J. Frezzolini. 2,001,416; May 14.
- Opener, Bottle. R. M. Brown. 1,996,696; Apr. 2.
- Opener, Bottle. F. W. Pollock. 2,016,513; Oct. 8.
- Opener, Can. H. Cave. 2,017,829; Oct. 15.
- Opener, Can. J. J. Duket. 2,011,193; Aug. 13.
- Opener, Can. P. H. Farrell. 1,999,689; Apr. 30.
- Opener, Can. P. H. Farrell. 2,001,303; May 14.
- Opener, Can. C. V. Fowler. 2,009,171; July 23.
- Opener, Can. M. Hackländer. 1,992,801; Feb. 26.
- Opener, Can. H. Haudenschild. 2,025,103; Dec. 24.
- Opener, Can. E. J. Hileman and M. J. Schuster. 2,024,449; Dec. 17.
- Opener, Can. I. Jeppsson. 1,989,807; Feb. 5.
- Opener, Can. A. L. Kronquest. 2,009,779; July 30.
- Opener, Can. C. A. McKune. 1,992,498; Feb. 26.
- Opener, Can. L. Olschewski. 1,999,370; Apr. 30.
- Opener, Can. J. F. Peckham. 2,007,584; July 9.
- Opener, Can. B. Polák. 2,012,204; Aug. 20.
- Opener, Can. B. Polák. 2,023,744; Dec. 10.
- Opener, Can. L. D. Roberts. 1,993,683; Mar. 5.
- Opener, Can. J. P. Schoenberger. 2,020,580; Nov. 12.
- Opener, Can. F. H. Schwartz. 2,019,099; Oct. 29.
- Opener, Can. H. von Wolforsdorf. 1,987,653; Jan. 15.
- Opener, Can. H. von Wolforsdorf. 2,008,430; July 16.
- Opener, Can. P. C. West. 1,986,870; Jan. 8.
- Opener, Can. G. V. Yeoman. 1,986,872; Jan. 8.
- Opener, Can or jar. F. K. Krag. 2,000,962; May 14.
- Opener, Clam. V. R. Hallock. 2,000,075; May 7.
- Opener, Combination bottle. J. Bordenier. 2,004,974; June 18.
- Opener, Container. D. F. Sampson and J. M. Hothersall. 1,996,550-1; Apr. 2. •
- Opener, Dispensing can. H. E. Blomgren. 2,023,397; Dec. 10.
- Opener, Novelty bottle. J. R. Schuchardt. 2,010,326; Aug. 6.
- Opener, Oyster. F. W. Mittel. 2,017,370; Oct. 15.
- Opener, Package. W. P. Martin. 2,004,377; June 11.
- Opener, Safety oyster. A. Briasco. 1,990,424; Feb. 5.
- Opener, Stopper. H. Weber. 2,014,753; Sept. 17.
- Opener, Tire. H. J. Mutchler. 1,990,611; Feb. 12.
- Opener, Two-hole can. R. Hamlin. 1,991,247; Feb. 12.
- Opening for use in aircraft construction, Access. C. E. Hathorn. 2,002,944; May 28.
- Opening means for cigarette containers. H. E. Shriver. 2,025,552; Dec. 24.
- Opera glass. R. G. Lester. 2,002,782; May 28.
- Opera pump holding rack. F. A. LaMort. 2,017,413; Oct. 15.
- Operating and control mechanism for washing machine wringers. D. M. Wenger. 2,013,261; Sept. 3.
- Operating and locking means for sliding car doors and the like. A. Campbell. 1,998,608; Apr. 23.
- Operating and locking mechanism for cell doors. M. J. Tracy. 2,012,327; Aug. 27.
- Operating apparatus, Coin operated automatically. K. A. T. Granzelius. 2,010,815; Aug. 13.
- Operating device for car couplers. A. E. Small. 2,004,588; June 11.
- Operating device for perforating blades used in the forms of printing machines. E. Frölich. 2,018,352; Oct. 22.
- Operating in a spinning or other room, Method and apparatus for. W. B. Walker. 2,003,911; June 4.
- Operating means for brakes and the like. W. L. Avery. 2,017,035; Oct. 15.
- Operating means for switches and other apparatus. B. Grob. 2,022,035; Nov. 26.
- Operating means for washing machines, driers and the like. W. H. Yandell. 2,023,215; Dec. 3.
- Operating mechanism. E. Almdale. 2,008,120; July 16.
- Operating mechanism. R. R. Bush. 2,026,373; Dec. 31.
- Operating mechanism. I. M. Laddon, W. A. Ring, and F. W. Herman. 1,998,677; Apr. 23.
- Operating mechanism. C. Thumim. 1,988,287; Jan. 15.
- Operating mechanism for circuit breakers and the like. S. T. Schofield and S. H. Boden. 1,988,610; Jan. 22.
- Operating mechanism for electric circuit breakers. D. C. Prince. 2,025,549; Dec. 24.
- Operating mechanism for metal cutting shears. M. Morgan. 1,989,331; Jan. 29.
- Operating mechanism for motion picture projectors and phonographs. H. B. Gardner. 2,003,075; May 28.
- Operating mechanism for turret lathes. W. H. Foster. 2,008,013; July 16.
- Operating member or stick for hot line equipment. H. W. Bodendieck. 1,987,584; Jan. 8.
- Operative mechanism for locomotive cylinder cocks. R. A. Light and J. W. Price, Jr. 2,023,601; Dec. 10.
- Operator for counterbalanced elevator doors. R. S. Peelle. 1,989,148; Jan. 29.
- Operator for intermittent reciprocating action. C. H. Coolidge. 2,020,877; Nov. 12.
- Ophthalmic mounting. R. Gulotta. 2,019,345; Oct. 29.

- Ophthalmic test-media and preparing same. O. W. Lee. 1,999,054; Apr. 23.
- Opium alkaloids from dried poppy straw, Obtaining. J. Kábay. 2,009,181; July 23.
- Optical appliance. O. W. Lee. 2,003,806; June 4.
- Optical article and making same. H. G. Ott. 1,994,483; Mar. 19.
- Optical combination. J. T. F. Conti. 1,998,187; Apr. 16.
- Optical compensator. J. F. Leventhal. 2,004,120; June 11.
- Optical densities, Apparatus for measuring. P. S. Bauer. 1,997,712; Apr. 16.
- Optical device. A. Harvey. 1,990,867; Feb. 12.
- Optical device. A. M. Krementz. 1,996,926; Apr. 9.
- Optical device for the control of flight. U. Nistri. 2,019,234; Oct. 29.
- Optical economizer. A. J. Holman. 1,989,094; Jan. 29.
- Optical glass composition. M. R. Scott. 2,021,244; Nov. 19.
- Optical instrument. W. A. Mendelsohn and C. F. Shepard. 1,990,459; Feb. 5.
- Optical instrument for testing organic liquids. E. Anselmi. 1,999,889; Apr. 30.
- Optical printer. A. W. Carpenter and M. G. Ricker. 1,993,085; Mar. 5.
- Optical projection apparatus. A. K. Hanks. 2,021,507; Nov. 19.
- Optical projection apparatus. C. F. Hitchins and C. W. G. Gerrard. 1,989,360; Jan. 29.
- Optical projection apparatus. A. F. C. Pollard. 1,989,336; Jan. 29.
- Optical representation of objects with stereoscopic effect, Apparatus for the. L. F. Savage. 2,013,842; Sept. 10.
- Optical reversing system. K. Rantsch and W. Ewald. 2,009,816; July 30.
- Optical system. E. R. Harper. 1,989,317; Jan. 29.
- Optical system. J. C. Karnes. 1,994,474; Mar. 19.
- Optical system. W. H. Peck. 1,994,531; Mar. 19.
- Optical system, Adjustable. J. F. Leventhal. 1,990,791; Feb. 12.
- Optical system and means used therein. D. Gordon. 1,987,821; Jan. 15.
- Optical system for instruments reproducing sounds with the aid of light. R. Richter. 2,005,240; June 18.
- Optical system for natural color cinematography. M. Waide. 2,017,190; Oct. 15.
- Optical system for photographic sound apparatus. J. J. Morey. 2,006,217; June 25.
- Optical system for recording sound on film or reproducing the same. S. C. Whitman. 1,989,836; Feb. 5.
- Optical system having multiple foci and a single source of light. A. A. Maillet. 1,986,065; Jan. 1.
- Optical system, Reflecting. H. P. Gage. 2,009,769; July 30.
- Optical viewing instrument. H. E. L. Owen. 2,022,516; Nov. 26.
- Orange reamer and beater, Combined. R. R. Smith. 2,003,521; June 4.
- Orchard beater. H. H. Christensen. 2,017,275; Oct. 15.
- Orchard beater. L. L. English. 2,002,054; May 21.
- Orchard beater. C. A. Fugit. 2,016,002; Oct. 1.
- Orchard beater. W. C. Scheu. 1,996,977; Apr. 9.
- Orchard beater. W. C. Scheu. 2,006,562; July 2.
- Orchard or field beating and irrigating apparatus. M. E. Seeber. 2,003,520; June 4.
- Ore by flotation, Treating. W. S. Stringham. 1,988,523; Jan. 22.
- Ore classifier. W. E. Endrezze. 2,015,008; Sept. 17.
- Ore concentrating device. M. M. Newton. 1,989,494; Jan. 29.
- Ore concentration. C. H. Keller. 2,011,176-7; Aug. 13.
- Ore conditioning device. J. P. Ruth. 2,000,418; May 7.
- Ore crushing machine. M. Tveit. 2,016,793; Oct. 8.
- Ore reducing machine. A. D. Hadsel. 2,006,269; June 25.
- Ore reducing machine. A. D. Hadsel. 2,008,863; July 23.
- Ore, Roasting sulphide. H. Freeman. 2,002,496; May 28.
- Ore separation. J. P. Ruth, Jr., and F. A. Brinker. 2,008,928; July 23.
- Ore separator. N. Goldberg. 1,991,667; Feb. 19.
- Ore separator. W. Hill. 1,988,794; Jan. 22.
- Ore separator. P. Hinkley. 1,986,778; Jan. 1.
- Ore, Treating sulphur bearing. R. P. Crothers. 2,011,039; Aug. 13.
- Ore treatment apparatus. T. A. Mitchell. 2,015,687; Oct. 1.
- Ore, Treatment of nelsonite. B. D. Saklatwalla and H. E. Dunn. 1,999,825; Apr. 30.
- Ore values from a solution, Apparatus for recovering. J. B. Martin. 2,010,239; Aug. 6.
- Ores and minerals, Concentrating carbonate and oxidized. W. Schäfer. 1,988,052; Jan. 15.
- Ores and other materials containing iron in oxide form, Treatment of oxide iron. W. S. Millar. 1,994,367; Mar. 12.
- Ores, Apparatus for concentrating. E. W. Davis. 2,002,978; May 28.
- Ores, Apparatus for treating. P. E. Billingshurst. 1,989,072; Jan. 29.
- Ores, Apparatus for treating gilsonite. C. J. Neal. 2,010,272; Aug. 6.
- Ores by flotation, Concentration of. C. H. Keller. 2,006,049; June 25.
- Ores, Concentration of. R. S. Handy. 2,019,306; Oct. 29.
- Ores, Extraction of values from. H. L. Gibbs. 1,999,807; Apr. 30.
- Ores, particularly carnotite, Floating uranium. H. H. Armstrong and A. B. Menefee. 2,000,656; May 7.
- Ores, Reducing and grading. G. C. E. Keet. 2,017,598; Oct. 15.
- Ores to separate lead and other metals from zinc sulphide, Differentially leaching. M. G. Platten. 2,021,896; Nov. 26.
- Ores, Treating. R. F. Meyer. 1,988,015; Jan. 15.
- Ores, Treating micaceous. J. T. Stroehle. 1,987,221; Jan. 8.
- Ores, Treating sulphide. T. A. Mitchell. 2,025,068; Dec. 24.
- Ores, Treatment of sulphur bearing. I. Hechenbleikner. 2,009,733; July 30.
- Ores with sulphuric acid, Treating. N. C. Christensen. 2,001,409; May 14.
- Organ action, Electromagnetic pipe. V. R. Brown and A. G. Sabol. 1,986,956; Jan. 8.
- Organ, Pipe. A. H. Marks. 2,004,168; June 11.
- Organ stop action. J. T. Austin. 2,021,126; Nov. 19.
- Organ, Wave. F. M. Robb. 1,986,531; Jan. 1.
- Organic compounds containing a double linkage, and products obtainable thereby, Polymerizing. K. Meisenburg. 2,005,295; June 18.
- Organic compounds containing substantial amounts of acetylene tetrachloride, Chlorinated. P. Baumann, R. Stadler, and E. Willig. 2,016,572; Oct. 8.
- Organic compounds, Manufacture of oxygenated. H. Dreyfus. 1,996,101; Apr. 2.
- Organic compounds, Manufacture of oxygenated. H. Dreyfus. 2,020,671; Nov. 12.
- Organic compounds of high molecular weight, Oxidation of. E. Peukert. 1,987,208; Jan. 8.
- Organic compounds, Oxidation of. W. Dietrich and M. Luther. 2,008,490; July 16.
- Organic compounds, Synthesis of. G. B. Carpenter. 2,015,065; Sept. 24.
- Organic compounds, Treatment of. H. Dreyfus. 1,991,084; Feb. 12.
- Organic compounds, Use of sulphonated. E. Stanley, H. C. Olpin, and G. H. Ellis. 2,017,995; Oct. 22.
- Organic derivatives of cellulose, Treatment of. C. Dreyfus and H. Platt. 2,010,065; Aug. 6.
- Organic mercapto compounds, Complex compound of. W. Schoeller, H. G. Allardt, and A. Feldt. 2,006,003; June 25.
- Organic oxidation products and preparing the same. L. W. Haas and H. O. Renner. 1,994,992; Mar. 19.
- Organic solids, Purification of. S. F. Miller. 2,011,724; Aug. 20.
- Organic substances, Preparation of jelly-forming. R. G. Schulz. 2,019,363; Oct. 29.
- Organic substances, Preservation of. H. L. Cox and P. S. Greer. 1,992,292; Feb. 26.
- Organic substitution derivatives of cellulose, Manufacture of. H. Dreyfus. 2,015,104; Sept. 24.
- Organo-mercuri-sulphur compounds, Stabilized. M. S. Kharasch. 2,012,820; Aug. 27.
- Organs, Swell louver action for. H. Willis and A. Thompson-Allen. 2,005,643; June 18.
- Orifice diaphragm for head gates. W. R. Burkhardt. 1,999,921; Apr. 30.
- Orifice fitting. A. Hollander, H. E. Grau, and C. A. Lundeen. 2,013,212; Sept. 3.
- Orifice fitting. P. H. Wilkinson. 1,995,490; Mar. 26.
- Orifice meter. W. H. Parker, N. J. Seibert, and A. D. MacLean. 2,024,059; Dec. 10.
- Orifice meter, Compensating and calibrating. A. D. MacLean, W. H. Parker, and N. J. Seibert. 1,987,836; Jan. 15.
- Orifice plate construction for orifice fittings. A. C. Muff. 2,025,545; Dec. 24.
- Orifice-provided element. E. S. Cornell, Jr. 2,007,036; July 2.
- Ornament. J. Salzman. 2,020,855; Nov. 12.
- Ornament. E. R. Woodside. 1,986,240; Jan. 1.
- Ornament and making same. L. S. Chilson. 2,008,005; July 16.
- Ornament and making same. M. Mayer and H. H. Schwed. 1,992,873; Feb. 26.
- Ornament, Christmas tree. D. C. Le Fevre. 1,994,615; Mar. 19.
- Ornament, Garden. W. C. Cross. 1,986,046; Jan. 1.
- Ornament, Garden. J. H. Davis. 1,986,562; Jan. 1.
- Ornament, License plate. H. H. Lampert. 2,026,509; Dec. 31.
- Ornament, Table. H. U. Dernehl. 1,991,602; Feb. 19.
- Ornamental chain. J. Goldenberg. 2,007,445; July 9.
- Ornamental device. D. D. Schneeweis. 2,014,414; Sept. 17.
- Ornamental fabric. M. J. Frank. 1,999,044; Apr. 23.
- Ornamental lamp. C. D. Fink. 2,026,164; Dec. 31.
- Ornamental material and making the same. J. W. Kantrow. 2,001,962; May 21.
- Ornamental material and shoe made therefrom. F. Parlante. 2,024,180; Dec. 17.
- Ornamental member for wheels. G. A. Lyon. 2,022,128; Nov. 26.
- Ornamental members, Making. G. A. Lyon. 2,021,693; Nov. 19.
- Ornamental screen. P. H. Havey. 2,019,347; Oct. 29.
- Ornamentation. A. B. Pöschel. 1,993,523; Mar. 5.
- Ornamentation and apparatus therefor. R. S. Colley. 2,133,339; Sept. 3.

- Ornamentation and method for the same. M. H. Wagman. 2,020,007; Nov. 5.
- Ornamented lining fabric. L. Goebbel. 1,994,273; Mar. 12.
- Ornamenting die. C. G. Deubel. 1,990,932; Feb. 12.
- Ornamenting die. R. V. Woodworth. 2,014,604; Sept. 17.
- Ornamenting machine. B. W. Freeman. 1,990,593-9; Feb. 12.
- Ornamenting surfaces by a sand blast. R. H. Kavanaugh. 2,016,092; Oct. 1.
- Ornamenting surfaces with a relief pattern. L. Bakker. 1,991,996; Feb. 19.
- Ornaments, Attaching means for ear. T. S. Bennett. 2,008,382; July 16.
- Ortho-dihydroxy compounds of the benzene series. Preparing. F. B. Downing, R. G. Clarkson, and H. H. Reynolds. 2,001,014; May 14.
- Orthodontia band bracket. C. E. Boyd and S. Richardson. 1,991,047; Feb. 12.
- Orthodontic appliance. J. W. Ford. 2,011,575; Aug. 20.
- Orthodontic appliance. L. H. Wirt. 2,019,773; Nov. 5.
- Orthodontic device. J. R. McCoy. 2,023,849; Dec. 10.
- Orthoptic instrument. G. B. Wootten. 2,003,165; May 28.
- Oscillating furnace. H. Klencke and M. Sachs. 2,019,912; Nov. 5.
- Oscillating joint. B. Burns. 1,993,260; Mar. 5.
- Oscillating meter. R. C. Bradley. 1,999,684; Apr. 30.
- Oscillating snap switch. F. C. De Reamer. 2,023,219; Dec. 3.
- Oscillation generation. C. W. Hansell. 2,001,132; May 14.
- Oscillation generation. C. W. Hansell. 2,009,369; July 23.
- Oscillation generation. N. E. Lindenblad. 2,005,793; June 25.
- Oscillation generation. G. E. Pray. 2,009,069; July 23.
- Oscillation generation. G. L. Usselman. 2,009,368; July 23.
- Oscillation generation. J. N. Whitaker. 1,995,164; Mar. 19.
- Oscillation generator. K. Heezner. 1,993,783; Mar. 12.
- Oscillation generator. C. E. Jelliff. 2,006,950; July 2.
- Oscillation generator. H. Muth and W. Runge. 2,004,171; June 11.
- Oscillation generator. W. Runge. 2,002,191; May 21.
- Oscillation generator. B. J. Thompson. 2,022,988; Dec. 3.
- Oscillation generator, Piezo - electric. H. R. Meahl. 1,992,035; Feb. 19.
- Oscillation generator, Short wave. A. G. Clavier. 1,987,989; Jan. 15.
- Oscillation system. W. E. Bower. 2,000,010; May 7.
- Oscillation system. W. W. Eitel. 1,994,760; Mar. 19.
- Oscillations, Apparatus for generating or receiving mechanical. W. Hahnemann. 2,017,695; Oct. 15.
- Oscillations in instruments, Device for damping. P. A. Borden. 2,021,168; Nov. 19.
- Oscillations of springs, Controlling. J. M. Nalle. 2,008,291; July 16.
- Oscillations of springs, Method and device for controlling. J. R. Reyburn. 2,009,521; July 30.
- Oscillations, Production of circular or elliptical. G. Linke. 2,005,917; June 25.
- Oscillator. H. O. Peterson and D. R. Goddard. 1,987,867; Jan. 15.
- Oscillator. C. B. Terry. 2,011,920; Aug. 20.
- Oscillator, Constant frequency. E. L. Koch. 2,003,371; June 4.
- Oscillator, Crystal controlled. I. F. Byrnes. 2,007,637; July 9.
- Oscillator, Crystal controlled. C. W. Hansell. 1,998,928; Apr. 23.
- Oscillator, Dynatron. P. O. Farnham. 2,011,290; Aug. 13.
- Oscillator, High frequency. C. W. Hansell. 2,001,133; May 14.
- Oscillator, Modulated. J. N. Whitaker and H. Shore. 1,991,970; Feb. 19.
- Oscillator, Polyphase. B. D. Bedford. 2,017,708; Oct. 15.
- Oscillator system. J. B. Dow. 2,008,690; July 23.
- Oscillator, Testing. F. Faustett. 2,016,084; Oct. 1.
- Oscillator, Vacuum tube. P. O. Farnham. 2,001,413; May 14.
- Oscillatory motor. G. H. Leland. 2,008,422; July 16.
- Oscillograph. Braun. J. Richter and A. Knabner. 1,993,858; Mar. 12.
- Oscillograph galvanometer. A. G. Zimmerman. 1,996,783; Apr. 9.
- Osteopathic treatment or adjustment device. Frank and Frederick Koenigkramer. 2,019,228; Oct. 29.
- Outboard motor. H. L. Johnson and R. Karasinski. 2,019,136; Oct. 29.
- Outboard motor washer. W. Y. O'Harra. 2,005,385; June 18.
- Outlet box. J. Knell. 2,000,851; May 7.
- Outlet box. H. G. Knoderer. 1,987,446; Jan. 8.
- Outlet box. M. Marians. 2,003,602; June 4.
- Outlet box and hanger bar. J. Knell. 2,023,083; Dec. 3.
- Outlet box and the like. J. G. Knight. 2,016,284; Oct. 8.
- Outlet box hanger. J. F. Cornish. 2,018,487; Oct. 22.
- Outlet control means for collapsible material holding tubes. J. D. Dunning. 1,996,284; Apr. 2.
- Outlet, Convenience. V. R. Despard. 2,002,434; May 21.
- Outlet or junction box extension. J. G. Knight. 1,991,160; Feb. 12.
- Outlines of designs, Preparing. A. Schoen. 2,013,010; Sept. 3.
- Out-of-step protection. W. A. Lewis. 2,005,149; June 18.
- Output device for measuring volumes of granulated material. Large. A. Hanique. 2,010,760; Aug. 6.
- Output of a generator, Regulating the. C. W. Terry. 2,000,674-5; May 7.
- Output of prime movers of electric generating plants, Regulating the. C. M. Beckett and D. J. Watkins. 2,014,365; Sept. 17.
- Output regulator. J. W. Myers and C. E. Atkins. 2,022,477; Nov. 26.
- Outsole removing machine. A. A. Lawson. 2,000,963; May 14.
- Oven. R. H. Staniford and C. W. Roll. 2,007,619-20; July 9.
- Oven. W. D. Underwood. 1,987,087; Jan. 8.
- Oven, Automatic circular. S. Dawson. 2,005,023; June 18.
- Oven, Bake. R. P. Bolling. 2,002,655; May 28.
- Oven, Baking. R. Byron. 2,002,976; May 28.
- Oven, Baking. H. Rottersmann. 2,012,549; Aug. 27.
- Oven burner support. P. I. Hollman. 1,995,351; Mar. 26.
- Oven, Coke. H. Leithäuser. 1,986,830; Jan. 8.
- Oven, Coke. C. Still. 2,007,818; July 9.
- Oven, Coke. F. Totzek. 1,986,903; Jan. 8.
- Oven, Coke. F. Totzek. 1,993,573; Mar. 5.
- Oven, Coking retort. J. Becker. 2,003,574; June 4.
- Oven, Coking retort. J. Becker. 2,015,657; Oct. 1.
- Oven, Coking retort. J. Becker. 2,019,483; Nov. 5.
- Oven, Coking retort. R. Christianson. 1,989,505; Jan. 29.
- Oven, Coking retort. J. van Ackeren. 1,997,759; Apr. 16.
- Oven, Coking retort. J. van Ackeren. 2,003,565; June 4.
- Oven, Coking retort. J. van Ackeren. 2,020,919; Nov. 12.
- Oven, Combined regenerative coke. C. Otto. 1,996,483; Apr. 2.
- Oven, Constant temperature. C. L. Watson. 2,000,266; May 7.
- Oven control. A. P. Chester and D. H. Hill. 2,004,977; June 18.
- Oven conveyer. L. Rondolin. 2,017,991; Oct. 22.
- Oven, Electric. E. F. Kemp. 2,023,595; Dec. 10.
- Oven, Electric. H. Meredith-Jones. 2,025,515; Dec. 24.
- Oven, Electric. R. C. Phelps. 2,024,386; Dec. 17.
- Oven, Electric. L. W. Wild. 1,986,088; Jan. 1.
- Oven heat cycle regulator. W. D. Buckingham and J. Z. Millar. 2,014,926; Sept. 17.
- Oven illuminating device. L. M. Worth and H. E. King. 2,010,618; Aug. 6.
- Oven ironwork, Coke. L. Wilputte. 2,025,967; Dec. 31.
- Oven light. G. Herbster. 1,992,209; Feb. 26.
- Oven, Metal sheet drying. A. Hormel. 1,994,220; Mar. 12.
- Oven, Portable food conditioning. H. W. Brooke. 2,009,041; July 23.
- Oven protector. E. A. Rowe. 2,003,555; June 4.
- Oven rack. O. M. Anderson. 2,011,189; Aug. 13.
- Oven, Regenerative. C. Otto. 2,008,658; July 16.
- Oven, Regenerative coke. W. Mueller. 1,999,514; Apr. 30.
- Oven, Regenerative coke. W. Reppekus. 2,011,592; Aug. 20.
- Oven, Regenerative coke. F. Totzek. 1,993,574; Mar. 5.
- Oven regulator. F. E. Birtch. 2,004,597; June 11.
- Oven, Rotisserie. W. G. Speakman. 2,020,808; Nov. 12.
- Oven, Tray type baker's. L. D. Houllis. 1,991,613; Feb. 19.
- Ovens and ovens therefor, operating of coke. J. Schaefer. 2,006,115; June 25.
- Ovens and the like, Mechanical movement device for. V. W. Moray. 1,994,227; Mar. 12.
- Ovens for the production of coke and gas, Regenerative chamber. H. Petsch. 1,999,780; Apr. 30.
- Overall garment. C. C. and E. A. Garrett. 2,016,897; Oct. 8.
- Overcoating, Light filtering. C. J. Staud and T. F. Murray, Jr. 1,994,596; Mar. 19.
- Overdraft control of ribbon mechanism. L. N. Lehman. 1,987,015; Jan. 8.
- Overflow detector. C. A. Fleberling. 2,004,502; June 11.
- Overflow device, Adjustable. R. D. Anderson. 2,006,191; June 25.
- Overheating of generators, Device for preventing. B. D. Vogel. 2,017,482; Oct. 15.
- Overrunning clutch. W. A. Garratt. 1,992,527; Feb. 26.
- Overshoe. C. H. Ingwer. 2,024,766; Dec. 17.
- Overshoe for aircraft, Ice. D. C. Gregg. 1,990,866; Feb. 12.
- Overspeed device. C. M. Bovard. 2,003,478; June 4.
- Over-voltage protective device. R. R. Pittman. 2,003,954; June 4.
- Oxidation of hydrocarbons, Two-step. J. H. James. 2,009,664; July 30.
- Oxidation process. F. A. Canon. 2,002,627; May 28.
- Oxidation products and apparatus therefor, Recovery of vapor phase. R. Riegler. 2,004,586; June 11.
- Oxidation products, Making partial. J. H. James. 2,010,086; Aug. 6.
- Oxidation products of castor oil and the like, Producing. M. De Groote and B. Keiser. 2,025,806; Dec. 31.
- Oxidation products of castor oil and the like, Producing certain. M. De Groote and B. Keiser. 2,025,807; Dec. 31.
- Oxidation products of castor oil and the like, Producing certain. M. De Groote and B. Keiser. 2,025,808-9; Dec. 31.

- Oxidative fermentations by molds or fungi, Carrying out. O. E. May, H. T. Herrick, A. J. Moyer, and P. A. Wells. 2,006,086; June 25.
- Oxide cathode and making same. E. Theisz. 2,019,546; Nov. 5.
- Oxide electrode for alkaline accumulators. J. Bacsa. 2,007,170; July 9.
- Oxide of beryllium direct from the minerals containing same, Extracting. G. Panebianco and C. Adamoli. 1,998,685; Apr. 23.
- Oxides, Flotation of. L. J. Christmann and S. A. Falconer. 1,997,280; Apr. 9.
- Oxides, Manufacture of metal. C. F. Haunz. 2,017,150; Oct. 15.
- Oxidized product of water-insoluble hydroxylated fatty acids. M. De Groote and B. Keiser. 2,025,803; Dec. 31.
- Oxygen-containing addition products of ethylene, Production of. H. Dreyfus. 2,020,673; Nov. 12.
- Oxygen derivatives of hydrocarbons, Manufacture of. J. H. James. 2,009,663; July 30.
- Oxygen from gas mixtures, Removing. A. B. Ray. 2,019,632; Nov. 5.
- Oxygen recorder, Continuous. C. Pettingill and E. J. Barlow. 2,019,871; Nov. 5.
- Ozonator, Air cooled. H. L. Bueno. 1,994,462; Mar. 19.
- Ozone generator. F. E. Hartman. 2,010,081; Aug. 6.
- Ozone generator. H. B. Hartman. 1,991,668; Feb. 19.
- Ozonization products of terpene alcohols and producing. L. P. Rankin. 2,002,583; May 28.
- Pack annealing, Apparatus for. E. W. Mikaelson and A. K. Hamilton. 2,019,576; Nov. 5.
- Pack carrier. H. G. Chute. 2,008,201; July 16.
- Pack for fragile articles. E. L. Shepard. 2,014,091; Sept. 10.
- Pack for parachutes. S. H. Knight. 1,988,872; Jan. 22.
- Package. K. D. Berdan. 2,005,967; June 25.
- Package. F. L. Broeren. 2,025,969; Dec. 31.
- Package. J. L. Burke. 1,992,184; July 26.
- Package. G. A. Christie. 1,997,786; Apr. 16.
- Package. T. S. Dowst. 2,008,664; July 23.
- Package. H. J. Elseman. 1,990,533; Feb. 12.
- Package. G. S. Frost. 2,014,648; Sept. 17.
- Package. P. Grabler. 2,006,212; June 25.
- Package. R. A. Hatch. 1,986,263; Jan. 1.
- Package. S. R. Howard. 2,008,420; July 16.
- Package. H. S. Jones. 2,007,088; July 2.
- Package. C. L. Kelly. 2,021,860; Nov. 19.
- Package. D. A. Lawrie. 2,024,970; Dec. 17.
- Package. H. B. Lemon. 2,025,352; Dec. 24.
- Package. W. K. Miller. 1,995,516; Mar. 26.
- Package. J. R. Orton. 2,013,475; Sept. 3.
- Package. R. M. Quigg. 1,989,944; Feb. 5.
- Package. J. D. Rankin. 2,000,251; May 7.
- Package. N. S. Ross. 1,994,923; Mar. 19.
- Package. H. S. Schutte. 2,024,951; Dec. 17.
- Package. H. R. Segal. 2,020,804; Nov. 12.
- Package. M. C. Usinger. 2,006,725; July 2.
- Package. C. Weiner. 1,986,234; Jan. 1.
- Package. C. Weiner. 2,006,662; July 2.
- Package. B. Wendling. 1,986,546; Jan. 1.
- Package and container for ice cream and the like. C. W. Vogt. 2,001,476; May 14.
- Package and forming the same, Wrapped. G. K. Geerlings. 2,023,386; Dec. 3.
- Package and making same. L. M. Dixon. 2,016,138; Oct. 1.
- Package and making same. M. J. Milmo. 2,019,191; Oct. 29.
- Package and making same. L. L. Salfisberg. 2,008,659; July 16.
- Package and making the same. C. W. Leguillon. 2,026,282; Dec. 31.
- Package and making the same, Siftproof. T. Schilder and G. Erleemann. 2,006,060; June 25.
- Package and parts thereof, Sealed. M. H. Raney. 2,005,349; June 18.
- Package and sound record, Associated. L. S. Labowitz and A. Lastfogel. 2,020,381; Nov. 12.
- Package and wrapping. W. J. Ritzel. 1,993,487; Mar. 5.
- Package assembling machine. K. H. Mayer. 2,015,187; Sept. 24.
- Package binder. H. C. Porter. 2,000,610; May 7.
- Package, Bundled. V. J. Mueller. 2,012,432; Aug. 27.
- Package, Cigar. M. S. Karner. 2,005,039; June 18.
- Package, Combined shipping and display. J. J. Jackson. 1,992,617; Feb. 26.
- Package, Commercial. J. J. Lescher. 2,026,477; Dec. 31.
- Package, Commercial. W. F. Straub and E. W. Fuerst. 2,020,339; Nov. 12.
- Package container. H. G. Enholm and J. Reid. 2,019,778; Nov. 5.
- Package, Display. A. A. Schlegel. 2,012,483; Aug. 27.
- Package display device. H. Ziemmerman. 2,009,351; July 23.
- Package diverting device. P. Van Wyk and I. R. Acheson. 2,001,927; May 21.
- Package, Duplex. A. C. Fulton, G. F. Glass and E. Koch. 2,019,565; Nov. 5.
- Package ejector for cigarette packaging machines, Defective. G. H. Little. 2,008,870; July 23.
- Package elevator. J. L. Baldwin. 1,990,363; Feb. 5.
- Package for bottles. C. K. Ellsworth. 2,005,026; June 18.
- Package for cameras, Light tight film. J. H. S. Parker. 2,017,160; Oct. 15.
- Package for discoidal bottle caps. W. S. Lee. 1,999,879; Apr. 30.
- Package for easy opening, Sealed. J. N. Laycock. 1,998,372; Apr. 16.
- Package for fishing lines and the like. O. MacMurray. 2,008,026; July 16.
- Package for food products. G. S. Frost. 1,994,214; Mar. 12.
- Package for fragile articles. F. H. Sherman. 1,991,424; Feb. 19.
- Package for perishable material and method and apparatus for making same. E. E. Eldredge. 2,012,529; Aug. 27.
- Package for perishable products. A. B. Schell. 2,024,809; Dec. 17.
- Package for rayon cones or the like. B. M. Williams. 2,010,683; Aug. 6.
- Package for ready to use pie crust dough. D. G. Coon. 1,988,373; Jan. 15.
- Package for safety razor blades. S. B. Heppenstall, Jr. 1,989,516; Jan. 29.
- Package for sheet material. B. H. Walter. 2,017,380; Oct. 15.
- Package for stockings. H. C. Aberle, Jr. 1,992,799; Feb. 26.
- Package forming and sealing machine. F. A. Chekian. 2,014,555; Sept. 17.
- Package, Hermetically sealed. E. Scofield. 1,989,428; Jan. 29.
- Package-making machine. A. G. Rose. 2,021,091; Nov. 12.
- Package, Merchandising. W. O. Mashburn, Jr. 1,986,155; Jan. 1.
- Package of cheese and preparing same. C. F. Doane. 2,018,637; Oct. 22.
- Package of paper sheets. C. P. Winter and D. A. Rosenthal. 2,011,236; Aug. 13.
- Package opening device. J. J. Ritter. 1,989,945; Feb. 5.
- Package or container for candy and similar merchandise. H. M. Hall. 2,018,519; Oct. 22.
- Package, Sealed. J. R. Nolan. 2,012,543; Aug. 27.
- Package, Shipping. C. W. Vogt. 2,001,478; May 14.
- Package smoothing apparatus. G. B. First. 1,988,839; Jan. 22.
- Package, Special. R. Stover. 2,007,261; July 9.
- Package tie. R. A. Bates. 1,991,917; Feb. 19.
- Package tie. A. Caggiano. 2,022,557; Nov. 26.
- Package, Whisky. W. W. Byrd. 2,025,153; Dec. 24.
- Package with closed ends. R. S. Pullen. 1,993,252; Apr. 16.
- Package wrapper for textile products. A. M. Cox. 1,987,596; Jan. 15.
- Package wrapping machine. W. Rubel. 2,006,480; July 2.
- Packaged product and closure therefor. W. J. Pippert. 2,021,600; Nov. 19.
- Packages and container therefor, Dispensing. B. M. Baxter. 2,005,490; June 18.
- Packages, Frozen comestible. C. W. Vogt. 2,001,477; May 14.
- Packages in melted wax or the like, Immersing. L. R. Arnott, L. W. Armfield, and C. J. Waddell. 2,023,822; Dec. 10.
- Packages, Making confection. F. T. Kreln. 2,000,339; May 7.
- Packages, Wrapping. J. H. Plunkett. 2,023,030; Dec. 3.
- Packaging. H. C. Miller. 1,998,515; Apr. 23.
- Packaging. F. J. Schumacher. 1,988,091; Jan. 15.
- Packaging and handling frozen comestibles or the like. C. W. Vogt. 2,001,475; May 14.
- Packaging device. L. Hirsch. 2,011,407; Aug. 13.
- Packaging machine. R. T. Adams, R. S. Poole, and M. Raymer. 2,001,175; May 14.
- Packaging machine. E. Conti. 2,014,227; Sept. 10.
- Packaging machine. G. W. Mudd. 1,987,789; Jan. 15.
- Packaging machine. C. F. Richard. 2,018,806-7; Oct. 29.
- Packaging machine. J. Schnur. 2,011,829; Aug. 20.
- Packaging machine, Automatic. W. R. Zwayer. 1,986,422; Jan. 1.
- Packaging, Product. L. L. Salfisberg. 2,012,405; Aug. 27.
- Pack-board. A. L. Frank. 1,999,963; Apr. 30.
- Packer and setting tool. W. L. Church. 2,017,434; Oct. 15.
- Packet dispensing device. A. E. Ischinger. 1,989,806; Feb. 5.
- Packet, Miniature. L. Adler. 1,985,882; Jan. 1.
- Packeting machine. E. Morey and R. H. Stimpson. 1,989,492; Jan. 29.
- Packing. B. V. Anoschenko. 2,020,986; Nov. 12.
- Packing. J. M. Bandish. 1,998,890; Apr. 23.
- Packing. T. J. Braden. 1,998,892; Apr. 23.
- Packing. W. Davies. 2,019,523; Nov. 5.
- Packing. E. G. Loomis. 1,987,120; Jan. 8.
- Packing. J. P. Magos and M. W. McRae. 2,020,844; Nov. 12.
- Packing. G. F. Muster. 2,006,602; July 2.
- Packing. R. O'Connor. 1,991,412; Feb. 19.
- Packing. R. J. S. Pigott. 1,993,721; Mar. 5.
- Packing. R. Schweich. 2,020,002; Nov. 5.
- Packing and display container. M. M. Einson and A. J. Tanner. 2,021,003; Nov. 12.
- Packing and making same. C. Kaiser. 2,024,369; Dec. 17.

- Packing and protecting objects, Device for and method of. G. B. Weber and A. D. Sanders, Jr. 2,006,224; June 25.
- Packing and weighing stand, Folding portable. A. R. Upp. 1,992,262; Feb. 26.
- Packing apparatus. F. P. Wood. 2,008,054; July 16.
- Packing arrangement for electrical machines. A. Kazenmaier, F. Allendorf, and A. Schmid. 2,004,440; June 11.
- Packing articles within packing boxes. W. H. Craig. 2,018,605; Oct. 22.
- Packing box. J. S. Burns. 2,012,954; Sept. 3.
- Packing box construction. G. Davidson. 1,997,455; Apr. 9.
- Packing composition. G. B. Jack, Jr. 1,987,109; Jan. 8.
- Packing, Constant friction. H. T. Wheeler. 2,006,529; July 2.
- Packing, Constant pressure multistage. H. T. Wheeler. 2,012,150; Aug. 20.
- Packing container. F. W. Quackenboss. 2,021,426; Nov. 19.
- Packing core for earth dams. F. Collorio. 1,997,132; Apr. 9.
- Packing cup. R. E. Miller. 2,004,669; June 11.
- Packing device. C. H. Cotton and J. B. Roselund. 1,996,953; Apr. 9.
- Packing device, Crate. R. R. Livingston. 1,992,871; Feb. 26.
- Packing device, Labyrinth. H. L. Mason. 2,018,372; Oct. 22.
- Packing disks in bottle closures, Device for inserting. H. Adam. 2,014,157; Sept. 10.
- Packing fabric. F. J. Reuter. 2,011,593; Aug. 20.
- Packing for bottles. F. Degemeyer. 2,023,518; Dec. 10.
- Packing for electric conductors, Insulating. K. A. Juthe and A. J. Hanson. 1,996,646; Apr. 2.
- Packing for fragile articles. S. J. Cox. 1,989,506; Jan. 29.
- Packing for pipe joints. P. G. Johnson. 2,001,614; May 14.
- Packing for pistons. G. Christenson. 2,003,769; June 4.
- Packing for pistons, etc. S. M. Greenidge. 1,989,356; Jan. 29.
- Packing for rotary shafts. V. A. Bary. 2,017,615; Oct. 15.
- Packing gland. G. R. Townsend. 2,022,529; Nov. 26.
- Packing joint, Fluid-tight. J. M. Patterson. 2,021,868; Nov. 19.
- Packing, Labyrinth. W. Beyer. 1,986,706; Jan. 1.
- Packing, Labyrinth. O. A. Wiberg. 1,986,087; Jan. 1.
- Packing liner. R. E. Adams. 2,020,226; Nov. 5.
- Packing liner. W. Fearn. 2,004,315; June 11.
- Packing machine. W. Ledig, G. Müller, H. Asmussen, S. Duhse, and H. Wilde. 1,991,223; Feb. 12.
- Packing machine. A. G. Rose. 2,018,151; Oct. 22.
- Packing material. C. K. Dillingham and P. D. Cannon. 2,012,711; Aug. 27.
- Packing material, Thermo-nonconducting water repellent. C. A. Black. 2,003,335; June 4.
- Packing means. M. Koppelman. 1,986,344; Jan. 1.
- Packing means. W. Liederle. 2,017,007; Oct. 8.
- Packing means for bearings. C. R. Wasele. 2,009,154; July 23.
- Packing means for fragile articles. F. H. Sherman. 1,991,425; Feb. 19.
- Packing mechanism. A. Novotny. 2,010,410; Aug. 6.
- Packing, Metallic. Z. E. Flick and J. R. Price. 1,991,893; Feb. 19.
- Packing method and apparatus. C. O. Brock. 1,996,453; Apr. 2.
- Packing, Multistage. H. T. Wheeler. 1,996,779; Apr. 9.
- Packing of rotary cutters. R. A. Horner and A. B. Brand. 1,992,950; Mar. 5.
- Packing, Pavement joint. L. E. Warner. 2,016,404; Oct. 8.
- Packing, Piston. L. W. Hance. 2,009,958; July 30.
- Packing, Piston. R. A. Light and J. W. Price, Jr. 2,015,019; Sept. 17.
- Packing plate with screen lining and manufacturing same. K. Klinger. 2,001,616; May 14.
- Packing, Ring. G. Christenson. 2,008,682; July 23.
- Packing ring. P. M. Gilmer. 2,021,112; Nov. 12.
- Packing ring. C. N. Mitchell. 2,025,299; Dec. 24.
- Packing ring. A. W. Morton. 2,006,365; July 2.
- Packing ring. A. W. Morton. 2,006,902; July 2.
- Packing ring. H. T. Wheeler. 2,026,409; Dec. 31.
- Packing ring for pipe joints. L. A. Camerota. 1,999,084; Apr. 23.
- Packing ring shape. H. T. Wheeler. 1,989,903; Feb. 5.
- Packing, Rod. H. W. Millmine. 2,007,501; July 9.
- Packing set shape. H. T. Wheeler. 1,991,715; Feb. 19.
- Packing, Steam turbine gland diaphragm. C. R. Soderberg. 2,008,520; July 16.
- Packing strip, Removable. H. V. Rasmussen. 1,999,739; Apr. 30.
- Packing structure for hot liquid pumps. G. E. Bigelow and A. R. Weis. 1,990,519; Feb. 12.
- Packing suitable for steam turbines, Shaft. S. S. Cook. 2,020,456; Nov. 12.
- Packing, Variable pressure multistage. H. T. Wheeler. 1,996,780; Apr. 9.
- Packing with equalizer connection, Two-stage. H. T. Wheeler. 2,009,423; July 30.
- Packless valve. W. K. Simpson. 1,996,809; Apr. 2.
- Pack-off tool. A. J. and K. T. Penick. 1,997,431; Apr. 9.
- Pad: See—
- Abrading pad.
- Abrasive pad.
- Absorbent disposable pad.
- Corn pad.
- Diaper pad.
- Egg case cushion pad.
- Electric heating pad.
- Electrical heating pad.
- Electrically heated pad.
- Furniture pad.
- Hair waving pad.
- Heating pad.
- Ink pad.
- Massage pad.
- Mattress and upholstery pad.
- Medical pad.
- Metallic pad.
- Metatarsal pad.
- Polishing pad.
- Pressing pad.
- Resilient pad.
- Sales pad.
- Scouring pad.
- Sealing pad.
- Seat pad.
- Shoe pad.
- Shoe press pad.
- Shoulder pad.
- Shoulder shaping pad.
- Sleeping pad.
- Sole pressing pad.
- Stamp pad.
- Table pad.
- Toilet silencer pad.
- Toe pad.
- Truss pad.
- Upholstery pad.
- Waxing pad.
- Wrapper pad.
- Pad and card holder. Score. L. Bair. 1,989,258; Jan. 29.
- Pad and support therefor, Renewable. E. E. Miles. 2,005,680; June 18.
- Pad and the like, Quilted. R. F. Hlavaty. 2,016,601; Oct. 8.
- Pad for eyeglasses and making same, Nose. F. L. Grier. 2,021,890; Nov. 26.
- Pad for eyeglasses, Nose. F. L. Grier. 2,023,469; Dec. 10.
- Pads for eyeglasses, Nose. F. L. Grier. 2,026,087; Dec. 31.
- Pad for pressing shoes. S. J. Finn. 2,019,563; Nov. 5.
- Padlock. S. R. Fraim. 2,011,515; Aug. 13.
- Padlock. Y. Husarik. 2,000,445; May 7.
- Padlock. C. Ledin. 1,993,408; Mar. 5.
- Padlock. E. B. Stone. 1,986,302; Jan. 1.
- Padlock, Cylinder. H. E. Soref. 1,994,928; Mar. 19.
- Padlock, Keyless. W. R. Larter. 1,995,544; Mar. 26.
- Pad shields, Method and apparatus for making sanitary. A. N. Spánel. 2,015,631; Sept. 24.
- Pad structure for use in the manufacture of compo shoes. S. J. Finn. 2,012,272; Aug. 27.
- Padding, Manufacture of upholstery. J. A. Howard. 2,003,935; June 4.
- Padding strip for furniture and other articles. J. Duvall. 1,989,794; Feb. 5.
- Pads, Manufacturing wrapper. L. Clemens. 1,999,283; Apr. 30.
- Pads, Method and apparatus for making sealed. G. A. Gerard. 2,004,657; June 11.
- Pads, Method of and machine for stuffing upholstery. W. C. Burgess. 2,026,212; Dec. 31.
- Pads, Producing metallic scouring. D. J. Mayer. 1,991,024; Feb. 12.
- Pads, Production of laundry. J. H. Daughdrill. 2,003,741; June 4.
- Page end indicator. L. M. Llorens. 2,022,965; Dec. 3.
- Page end indicator. M. M. Munk. 1,993,038; Mar. 5.
- Page holding device for books. J. D. Gray. 1,989,193; Jan. 29.
- Pail. L. S. Madda. 1,994,525; Mar. 19.
- Pail and spout. J. S. Townsend. 1,994,442; Mar. 12.
- Pail, Garbage. L. Kellner. 2,007,250; July 9.
- Pail, Minnow. T. C. Forbes and O. R. Hedberg. 2,002,572; May 28.
- Pail, Scrub. C. P. Neats. 1,992,879; Feb. 26.
- Paint. S. Jacobs. 2,007,802; July 9.
- Paint and making the same. P. H. Pennell and C. H. Draper. 1,988,959; Jan. 22.
- Paint applicator. O. M. Beall. 2,008,942; July 23.
- Paint baking process. F. J. Groven. 1,998,615; Apr. 23.
- Paintbrush holder. W. J. Bates. 2,020,394; Nov. 12.
- Paint brush protector. G. S. Hanson. 2,004,320; June 11.
- Paint composition. H. A. Scholz and O. Haydon. 1,994,438; Mar. 12.
- Paint compositions, etc. C. H. Kidwell. 1,988,125; Jan. 15.
- Paint, Grease. F. Factor. 2,025,943; Dec. 31.
- Paint, lithographic varnish, printing ink, and the like, and making same. W. G. Dewsbury and A. Davies. 2,014,760; Sept. 17.
- Paint material from hardwood pitch, Black. L. J. Figg, Jr. 2,008,979; July 23.
- Paint, Metallic. T. C. Ford. 1,992,695; Feb. 26.
- Paint or coating composition and making the same, Fire extinguishing. C. S. Thompson. 1,996,089; Apr. 2.
- Paint restoring or mixing device. J. Taccogna. 2,021,209; Nov. 19.
- Paint spraying device. E. C. St. Onge. 2,023,710; Dec. 10.
- Paint striper. D. J. Dickerson. 2,016,545; Oct. 8.
- Paint striper guide. K. V. Eklov. 2,021,229; Nov. 19.
- Paint striping device. K. V. Eklov. 2,021,230; Nov. 19.
- Paint striping device. C. W. Wear. 2,010,682; Aug. 6.
- Paint striping device, Adjustable. K. V. Eklov. 2,021,228; Nov. 19.
- Paint striping device, Universal. K. V. Eklov. 1,992,744; Feb. 26.
- Paint, varnish, and lacquer remover. P. Hodges. 1,993,096; Mar. 5.
- Paint vehicle, Producing a mineral oil substitute. G. Fiore. 2,020,936; Nov. 12.
- Painter, Rafter. R. S. Thompson. 2,015,768; Oct. 1.
- Painting composition. R. F. Shaw. 2,008,043; July 16.
- Painting instrument. E. M. Barden. 1,995,142; Mar. 19.

- Paints, lacquers, and other liquids, Device for spraying. A. H. Downs. 2,005,776; June 25.
- Pan and platter, Broiler. R. W. Spake. 1,998,944; Apr. 23.
- Pan and the like, Tilting. T. E. French and F. B. Kern. 1,993,779; Mar. 12.
- Pan, Baking. W. W. Arrowsmith. 2,005,449; June 18.
- Pan, Baking. R. Lang. 2,003,151; May 28.
- Pan, Baking. E. H. Petzold, Jr. 2,020,373; Nov. 12.
- Pan, Baking. G. W. Wheeler. 2,014,216; Sept. 10.
- Pan, Baking roll. G. V. Bauer. 2,009,602; July 30.
- Pan, Bread baking. P. A. Soderholm. 2,002,838; May 28.
- Pan, Cake. O. G. Brauch. 2,023,120; Dec. 3.
- Pan for cement mixers. C. Fanfarillo. 2,004,276; June 11.
- Pan for combustible gas generators, Jointed ash. J. S. Haug. 2,001,274; May 14.
- Pan for flaking machines, Dip. R. Riegler. 2,010,439; Aug. 6.
- Pan for water coolers, Drip. R. C. Wolfe. 1,986,992; Jan. 8.
- Pan greasing machine. A. B. Pfeffer. 1,989,880; Feb. 5.
- Pan handling device. C. W. Furnas. 2,023,521; Dec. 10.
- Pan, Molding. M. E. Samuel. 2,022,828; Dec. 3.
- Pan, Petite pie. L. S. Wait. 2,007,263; July 9.
- Pan, Pie baking. F. W. Birkenhauer. 2,006,938; July 2.
- Pan, Refrigerator drip. W. B. McMillan. 2,025,997; Dec. 31.
- Pan, Reversible frying. L. L. and R. C. Chiles. 1,987,594; Jan. 15.
- Pan, Raffle. L. B., N., W., and J. M. Goldberg. 1,991,666; Feb. 19.
- Pan set, Baking. J. G. Jackson. 2,023,812; Dec. 10.
- Panning machine. E. H. Johnson. 1,992,430; Feb. 26.
- Pane. C. S. Barrows. 1,988,964; Jan. 22.
- Pane supporting structure. R. F. Blanchford. 2,008,345; July 16.
- Panel and fabricating same, Trim. H. J. Woodall. 1,999,383; Apr. 30.
- Panel and making same, Heat resisting. J. M. Knot. 1,987,779; Jan. 15.
- Panel and manufacturing same, Laminated. H. J. Woodall. 1,999,384; Apr. 30.
- Panel and the like of rustless steel and vitreous enamel, Ornamental. H. H. Harris. 2,001,725; May 21.
- Panel attaching means. C. E. Johnson. 2,009,960; July 30.
- Panel, Automobile trim. H. J. Woodall. 1,999,385; Apr. 30.
- Panel board and wiring the same. G. M. Reed and R. Paxton. 2,006,150; June 25.
- Panelboard, Distribution. W. H. Frank. 1,994,509; Mar. 19.
- Panel board system. R. B. Benjamin. 2,007,174; July 9.
- Panel, Building. A. L. Kehm. 2,009,847; May 7.
- Panel construction, Sheet metal. E. N. Winslow. 1,999,605; Apr. 30.
- Panel cutting and ship-lapping. F. S. Farley. 1,986,770; Jan. 1.
- Panel cutting machinery. F. S. Farley and L. G. Wheeler. 1,986,769; Jan. 1.
- Panel, Distribution. V. Durbin. 2,025,233; Dec. 24.
- Panel element. C. Fuchs and A. Arb. 1,991,145; Feb. 12.
- Panel, Fire resistant veneered. J. R. Fitzpatrick. 1,987,506; Jan. 8.
- Panel for glazing, Noncondensing. F. J. and E. E. Bartuska. 1,989,305; Jan. 29.
- Panel, Insulating. A. O. Hurxthal. 2,021,786; Nov. 19.
- Panel joint and making the same. J. R. Robinson. 2,019,095; Oct. 29.
- Panel, Metal building. F. R. Higley. 1,988,314; Jan. 15.
- Panel, Metal faced. A. H. Schaffert. 2,009,056; July 23.
- Panel pocket. J. Visser. 1,999,970; Apr. 30.
- Panel sign, Interchangeable. R. D. Gearing. 2,012,385; Aug. 27.
- Panel, Tile display. N. C. Butler and T. Du Vall. 2,013,741; Sept. 10.
- Paneled structure. C. A. Johnson. 2,020,360; Nov. 12.
- Paneling arrangement. H. W. Brown and C. J. Taylor. 1,992,054; Feb. 19.
- Panels, Construction of bookbinding. F. S. Schade. 2,024,883; Dec. 17.
- Panties. R. A. Manny and J. A. Rielly. 1,993,676; Mar. 5.
- Pantograph. G. Muziczka and E. Heinrich. 1,994,401; Mar. 12.
- Pantograph. A. J. Plese. 2,021,809; Nov. 19.
- Pantograph engraving and copying machine. K. Zwick. 2,018,697; Oct. 29.
- Pantograph machine, Automatic. H. H. Freed and H. B. Mann. 2,002,393; May 21.
- Pantographic device. W. A. Bockius. 2,021,931; Nov. 26.
- Pantographic mechanism for grading machines. H. G. Akerlind. 1,993,818; Mar. 12.
- Pants hanger. M. E. Leonard. 2,017,761; Oct. 15.
- Paper, Adhesive carbon. H. W. A. Dixon and R. S. Moore. 2,022,276; Nov. 26.
- Paper and carbon sheets, Apparatus for feeding. W. C. Pfeiffer. 2,011,825; Aug. 20.
- Paper and making same. L. L. Dodge. 1,992,996; Mar. 5.
- Paper and making same. C. J. O'Neill. 1,989,709; Feb. 5.
- Paper and manufacturing the same, Sized. R. Kern. 1,997,366; Apr. 9.
- Paper and method of making. R. A. Hayward. 1,987,901; Jan. 15.
- Paper and method of making. J. L. McClellan. 2,008,142; July 16.
- Paper and method of making, Insulating or "fish". J. L. McClellan. 2,008,141; July 16.
- Paper and method of preparing, Gummed. G. R. Alden. 2,001,049; May 14.
- Paper and package receiving and retaining device. H. J. Fanger. 2,012,422; Aug. 27.
- Paper and process of manufacture, Coated. J. E. Schopp. 1,999,260; Apr. 30.
- Paper and process therefor. G. L. Bidwell. 2,011,609; Aug. 20.
- Paper and similar material, Making grease and moisture-proof. J. E. Schopp. 2,021,947; Nov. 26.
- Paper and the like, Manufacture of. A. Nathansohn. 1,996,707; Apr. 2.
- Paper and the like, Manufacture of crinkled. R. Heitmann. 2,019,903; Nov. 5.
- Paper and the like with lacquers, Apparatus for coating. J. J. Case. 1,993,772; Mar. 12.
- Paper, Apparatus for coating. W. J. Montgomery. 2,009,631; July 30.
- Paper, Apparatus for issuing gummed strip. R. Levane. 2,018,560; Oct. 22.
- Paper, Apparatus for making mottled. O. H. Hedstrom, Jr. 1,999,049; Apr. 23.
- Paper article, Compressed. C. K. Dunlap. 2,013,748; Sept. 10.
- Paper article, Impregnated. W. H. Woodford. 2,009,465; July 30.
- Paper articles and making the same, Compressed. C. K. Dunlap. 2,013,747; Sept. 10.
- Paper bag. P. Arzet. 1,995,286; Mar. 26.
- Paper bag. R. L. Bangs and W. A. Herman. 1,993,394; Mar. 5.
- Paper bag. C. F. Doble. 1,991,450; Feb. 19.
- Paper bag. R. W. Jaite. 2,025,751; Dec. 31.
- Paper bag. H. Smithwick. 1,986,898; Jan. 8.
- Paper board and product thereof, Process and apparatus for making branded. C. C. Colbert, G. E. Preston and L. C. Daly. 2,019,845; Nov. 5.
- Paper-board machine. L. T. Murphy. 1,992,713; Feb. 26.
- Paper box. H. C. Atkins. 1,994,803; Mar. 19.
- Paper box. C. L. Clafl. 2,024,795; Dec. 17.
- Paper box, Self-locking. T. L. Neumann. 2,017,724; Oct. 15.
- Paper break control for printing presses and the like. H. H. Raymond. 1,999,618; Apr. 30.
- Paper, cardboard, pasteboard, boxboard, and the like and product thereof, Producing multi-layer. E. Fues. 2,024,635; Dec. 17.
- Paper clip. W. L. Tibbals. 1,989,953; Feb. 5.
- Paper coating. D. B. Bradner. 1,989,036; Jan. 22.
- Paper, Coating. C. N. Cone and E. D. Brown. 2,006,229; June 25.
- Paper, Coating. J. H. Wood. 2,001,339; May 14.
- Paper coating process. C. E. Fawkes and C. M. Mackenzie. 2,016,085; Oct. 1.
- Paper container. B. B. Lee. 2,014,477; Sept. 17.
- Paper container. L. D. Pierce. 2,023,182; Dec. 3.
- Paper container. E. Z. Tavor. 2,008,088; July 16.
- Paper container. H. Wootton. 2,009,539; July 30.
- Paper converting and inserting machine, Combined. A. A. Bourdes and W. Yiakounelos. 2,014,307; Sept. 10.
- Paper, Copperized pear wrap. W. R. Barber, A. G. Natwick, and M. W. Phelps. 1,988,231; Jan. 15.
- Paper, Creped. C. M. Howell and J. d'A. Clark. 2,001,023; May 14.
- Paper cup. E. R. Huntley. 2,016,434; Oct. 8.
- Paper cutter. A. Wedekind. 1,996,224; Apr. 2.
- Paper cutting and delivery mechanism for web cylinder lithographing or printing presses. W. H. Smith. 2,011,505; Aug. 13.
- Paper cutting and handling machine. E. Olson. 2,012,137; Aug. 20.
- Paper cutting and trimming machine and the like. E. L. Mueller. 2,008,645; July 16.
- Paper cutting machine. R. S. Tyler. 1,991,431; Feb. 19.
- Paper, Cutting webs of. K. Riess, A. Knodel, and R. Klaus. 2,017,184; Oct. 15.
- Paper, Decalcomania. H. Atwater. 2,007,630; July 9.
- Paper, Decalcomania. L. Davis. 2,023,803; Dec. 10.
- Paper, Decalcomania. J. MacLaurin. 2,007,404; July 9.
- Paper, Decorative. J. H. Gibbs. 2,007,047; July 2.
- Paper, Deinking. H. B. Hass. 1,990,376; Feb. 5.
- Paper, Deinking imprinted. P. R. Hines. 2,005,742; June 25.
- Paper delivery mechanism. G. Schaefer, Jr. 2,000,099; May 7.
- Paper dispensing, Absorbent. V. Voorhees. 2,004,143; June 11.
- Paper drying process and apparatus. J. O. Woodsome. 2,000,546; May 7.
- Paper, Dull finish coated. D. B. Bradner. 2,006,208-9; June 25.
- Paper embodying alkaline earth metal carbonate fillers, Manufacture of. C. P. Dyer. 1,993,265; Mar. 5.
- Paper equipment for accounting machines. R. L. Muller. 2,012,317; Aug. 27.
- Paper equipment for calculating machines. E. Racz and O. Cannon. 1,997,077; Apr. 9.
- Paper fabric, Composite reinforced. E. C. Smith. 2,026,194; Dec. 31.
- Paper fastener. R. G. Bourdon. 2,025,495; Dec. 24.
- Paper fastener. A. N. Hanna. 2,013,097; Sept. 3.

- Paper fastener. H. Hellman. 1,991,318; Feb. 12.
 Paper fastener. W. Horlick, Jr. 2,008,019; July 16.
 Paper fastener. J. Linsky. 2,012,572; Aug. 27.
 Paper fastener. B. G. Rand. 2,015,461; Sept. 24.
 Paper fastener. O. A. Ross. 2,003,554; June 4.
 Paper fastener. J. Schade. 1,989,888; Feb. 5.
 Paper fastening device. A. Powell. 2,014,780; Sept. 17.
 Paper feed control. C. Wetsel. 1,989,390; Jan. 29.
 Paper feed mechanism. F. R. McMurry. 1,987,484; Jan. 8.
 Paper feed tension mechanism. A. W. Harries. 1,996,333; Apr. 2.
 Paper feeding apparatus. R. S. Clark. 1,998,271; Apr. 16.
 Paper feeding machine. F. W. Barkley. 1,997,273; Apr. 9.
 Paper feeding machine. F. L. Cross. 1,986,558; Jan. 1.
 Paper feeding machine. F. L. Cross. 2,002,850; May 28.
 Paper feeding mechanism. R. G. Bower. 2,005,450; June 18.
 Paper feeding mechanism. R. Hitchcock. 1,987,339; Jan. 8.
 Paper feeding mechanism. H. Resch. 2,015,728; Oct. 1.
 Paper feeding mechanism. J. Van Buren. 2,006,702; July 2.
 Paper folding machine. G. Carruthers and C. E. Ruddell. 1,985,975; Jan. 1.
 Paper folding machine. E. W. Dean. 1,993,652; Mar. 5.
 Paper for cigar, cigarettes, and the like, Wrapper. P. Hornstein. 2,020,646; Nov. 12.
 Paper for photographic material, Protective. A. Miller. 1,986,278; Jan. 1.
 Paper handling. J. Q. Sherman. 2,004,395; June 11.
 Paper handling machine. J. C. Dawson and J. C. Williams. 1,987,327; Jan. 8.
 Paper handling machine. L. R. Tufts. 1,987,352; Jan. 8.
 Paper hanger's gauge. C. C. Mitchell. 2,023,145; Dec. 3.
 Paper hanging. G. Liss. 2,023,964; Dec. 10.
 Paper holder, Rocking blotting. V. G. Granholm. 2,017,045; Oct. 15.
 Paper impervious to moisture, water, and grease. E. H. Bucy. 2,021,172; Nov. 19.
 Paper in a continuous web, Apparatus for drying. W. Whiting. 2,024,079; Dec. 10.
 Paper in roll form, Handling freshly printed. W. K. Miller. 2,006,597; July 2.
 Paper in the longitudinal direction, Creping of. H. Rosenfeld. 1,986,070; Jan. 1.
 Paper, Indented. W. H. Ellis, Jr. 1,995,057; Mar. 19.
 Paper inspection process and apparatus. M. N. Davis. 1,991,599; Feb. 19.
 Paper, Laminated composite. G. B. Linderman, Jr. 2,000,528; May 7.
 Paper machine. J. W. Hemphill. 2,010,150; Aug. 6.
 Paper machinery. H. L. Kutter. 1,986,977; Jan. 8.
 Paper, Making. P. Drewsen. 1,991,499; Feb. 19.
 Paper making. C. I. Goessmann. 1,987,930; Jan. 15.
 Paper making. W. P. McCorkindale. 2,009,184; July 23.
 Paper-making. W. P. McCorkindale. 2,021,125; Nov. 12.
 Paper making apparatus. P. A. Jackson. 1,995,101; Mar. 19.
 Paper making apparatus. L. C. Reynolds. 1,998,095; Apr. 16.
 Paper making apparatus and process. E. E. Berry. 2,005,929; June 25.
 Paper, Making laminated. L. L. Dodge. 1,986,961; Jan. 8.
 Paper making machine. J. F. Albright. 2,013,942; Sept. 10.
 Paper making machine. S. Amantea. 2,000,006; May 7.
 Paper making machine. G. J. Forman. 1,995,802; Mar. 26.
 Paper making machine. H. L. Kutter. 1,988,247; Jan. 15.
 Paper making machine. E. J. Mellentine. 1,998,381; Apr. 16.
 Paper making machine. M. O. Neilson. 2,022,298; Nov. 26.
 Paper making machine. R. Thomas. 1,998,344; Apr. 16.
 Paper, Making pigmented. A. C. Elde and J. H. Calbeck. 2,006,016; June 25.
 Paper manufacture. H. J. Finder and D. H. Greene. 1,998,190; Apr. 16.
 Paper manufacture. H. R. Harrigan and J. M. Krauss. 1,997,487; Apr. 9.
 Paper manufacture. A. R. Harvey. 2,007,470; July 9.
 Paper manufacture. E. K. Lum. 1,990,994; Feb. 12.
 Paper manufacture. B. F. Perkins. 1,994,435; Mar. 12.
 Paper manufacture. H. R. Rafton. 2,020,328; Nov. 12.
 Paper manufacture. J. H. Swan, 3d. 1,997,984; Apr. 16.
 Paper, Manufacture of. O. P. Gephart. 2,001,246; May 14.
 Paper, Manufacture of. H. H. Nelson and G. Becker. 2,011,156; Aug. 13.
 Paper, Manufacture of. A. Schopper, B. P. von Ehrental, and E. Unger. 1,995,586; Mar. 26.
 Paper, Manufacture of abrasive. H. C. Martin. 1,994,283; Mar. 12.
 Paper, Manufacture of strengthened absorptive. M. O. Schur. 2,005,397; June 18.
 Paper, Manufacture of transparent. W. M. Driesen. 2,018,638; Oct. 22.
 Paper metering, cutting, and reeling. C. A. Fourness and C. M. Pearson. 2,006,499; July 2.
 Paper, Method and device in the manufacture of. I. Wallquist. 1,989,435; Jan. 29.
 Paper novelty. E. T. Massey. 2,016,445; Oct. 8.
 Paper of deferred indelibility and preparing the same. Typewriter. J. G. Callan. 1,994,750; Mar. 19.
 Paper, Opaque. A. G. Natwick, H. E. Ostenson, and W. R. Barber. 1,988,179; Jan. 15.
 Paper or board manufacture, Ply. J. W. Sale. 2,018,382; Oct. 22.
 Paper pasting and cutting device. C. A. Golder. 1,998,394; Apr. 16.
 Paper positioning device for feed mechanisms of printing presses and the like. W. H. Schackleton. 2,011,085; Aug. 13.
 Paper product and making. A. V. Alm. 2,018,244; Oct. 22.
 Paper pulp and making the same. S. D. Wells and G. D. Muggleton. 2,018,937; Oct. 29.
 Paper pulp and similar fibrous materials, Apparatus for and method of treating and handling. S. G. Wells. 2,018,938; Oct. 29.
 Paper pulp from fibrous material, Producing. E. P. Jones and J. M. Dempsey. 2,018,490; Oct. 22.
 Paper pulp, Production of. F. H. Snyder. 1,991,824; Feb. 19.
 Paper pulp screening machine. N. M. Knight. 1,990,288; Feb. 5.
 Paper pulp testing device. A. Schopper. 2,022,010; Nov. 26.
 Paper pulp, Treatment of. H. S. Holt and G. L. Schwartz. 1,998,758; Apr. 23.
 Paper punching and folding machine, Combined. F. Roeder. 2,016,052; Oct. 1.
 Paper receiving carriage. J. Q. Sherman and A. W. Metzner. 2,020,805; Nov. 12.
 Paper receptacle. W. S. Luckett. 2,004,818; June 11.
 Paper reeling apparatus. W. R. Kellett and C. M. Pearson. 2,020,118; Nov. 5.
 Paper, Removing ink from and bleaching printed. W. S. Crisp. 1,993,362; Mar. 5.
 Paper roll holder. E. A. La Rock. 1,992,077; Feb. 19.
 Paper roll holder. L. M. White. 2,025,428; Dec. 24.
 Paper roll holder, Toilet. L. N. Hoffman. 2,021,417; Nov. 19.
 Paper roll, Holding the front edge of a. H. A. W. Wood. 1,996,497; Apr. 2.
 Paper roll package. V. Olson. 1,993,853; Mar. 12.
 Paper rolls, Apparatus for carrying and moving. H. A. W. Wood. 2,006,664; July 2.
 Paper, Safety. S. S. Himmell. 1,998,237; Apr. 16.
 Paper, Safety. J. W. Neff. 2,005,105; June 18.
 Paper sizing. L. L. Larson. 2,022,004; Nov. 26.
 Paper, Specialty. G. A. Richter. 1,989,885; Feb. 5.
 Paper stock controlling method and apparatus. E. Poirier. 1,990,501; Feb. 12.
 Paper stock, Device for treating. W. B. McMartin. 2,016,647; Oct. 8.
 Paper strips, Apparatus for handling multiple. W. C. Pfeiffer. 2,011,826; Aug. 20.
 Paper support for typewriters. L. C. Antrim. 2,021,847; Nov. 19.
 Paper threader. T. Jensen. 1,992,751; Feb. 26.
 Paper threading device for drum winders. W. J. Battison. 1,992,114; Feb. 19.
 Paper to printing presses, Device for delivering. D. G. Bernard. 2,013,623; Sept. 3.
 Paper, Translucent. P. B. Davidson. 1,996,858; Apr. 9.
 Paper treating means. H. R. Rafton. 2,024,248; Dec. 17.
 Paper vendor. E. B. Crosley. 1,996,749; Apr. 9.
 Paper, Verdol. J. Spahn. 2,007,883; July 9.
 Paper wadding. W. R. Kellett. 1,992,215; Feb. 26.
 Paper, Waterproof abrasive. C. Munch. 2,000,532; May 7.
 Paper web connecting mechanism for printing presses. T. Johansen and J. A. Jones. 2,005,037; June 18.
 Paper web support. J. B. Janney. 2,012,537; Aug. 27.
 Paper webs or the like, Producing multilateral stretchability in. W. C. Kemp. 2,008,181-2; July 16.
 Paper with liquid, Impregnating. M. Oberdorfer. 2,018,280; Oct. 22.
 Papers, Manufacture of sized. G. A. Richter. 2,018,875; Oct. 29.
 Parachute. G. G. Coleman. 2,007,494; July 9.
 Parachute. D. W. Kennedy. 2,013,495; Sept. 3.
 Parachute. S. H. Knight. 2,019,437; Oct. 29.
 Parachute. J. Kokoska. 2,024,456; Dec. 17.
 Parachute. E. Norden. 2,008,107; July 16.
 Parachute apparatus. L. L. Irvin. 2,016,235-6; Oct. 1.
 Parachute pack. E. L. Hoffman. 2,005,743; June 25.
 Parachute pack and chair. S. Switlik. 2,020,746; Nov. 12.
 Parachute pack release mechanism. L. L. Irvin. 2,026,314; Dec. 31.
 Para diketocamphancarboxylic acid and hydroxy-oxo-camphancarboxylic acid, Manufacture of. K. Tamura, G. Kihara, H. Asahina, and M. Ishidate. 2,026,289; Dec. 31.
 Paraffin scraper for plunger lift devices. I. H. Bettis. 1,993,258; Mar. 5.
 Para-hydroxydiphenyl, Drying. W. H. Williams. 2,001,658; May 14.
 Parallax panoramagrams, Making. H. E. Ives. 2,002,090; May 21.
 Paramethyl parahydroxy diphenyl sulphide and preparing the same. T. B. Johnson. 2,011,582; Aug. 20.
 Para-N-sec-alkylamino-phenols and other substituted phenols, Manufacture of certain. R. T. Major. 2,000,034; May 7.
 Para-(N-sec-alkylamino) phenols, Preparing. R. T. Major. 1,989,707; Feb. 5.

- Parasiticide derived from higher alcohols. P. L. Salzberg and E. W. Bousquet. 1,993,040; Mar. 5.
- Parasiticides and insecticides and making the same. W. H. Volck. 2,012,328; Aug. 27.
- Parchment, Vegetable. P. B. Davidson. 1,996,857; Apr. 9.
- Parking apparatus. E. S. Taylor. 2,013,482; Sept. 3.
- Parking device. S. Berman. 2,024,844; Dec. 17.
- Parking device. H. E. Dendoff. 2,006,886; July 2.
- Parking device for automobiles. W. H. Harless. 2,003,361; June 4.
- Parking or deparking mechanism. H. H. Wolfe. 2,002,132; May 21.
- Parking stall for vehicles. La D. Shinn. 2,015,607; Sept. 24.
- Partition. H. A. Waldman. 1,994,203; Mar. 12.
- Partition and drawer, Sway type. J. R. Clark. 2,012,035; Aug. 20.
- Partition assembly, Knock-down. E. E. Koenig. 2,017,212; Oct. 15.
- Partition, Box car. C. L. Madden. 2,009,894; July 30.
- Partition construction. W. G. Hult and E. N. Winslow. 2,019,977; Nov. 5.
- Partition for refrigerators, Shutter type. N. C. Huckestein. 2,006,046; June 25.
- Partition for vehicles, Movable. L. Jones. 2,005,086; June 18.
- Partition, Metal. L. G. Jacobson. 2,001,574; May 14.
- Partition, Office. R. Keller and R. Carney. 1,999,763; Apr. 30.
- Partition or cell case machine. W. E. Jensen and D. R. Vail. 1,996,812; Apr. 9.
- Partition or separator unit. G. L. Harvey. 2,013,240; Sept. 3.
- Partition riser. E. B. Sargent. 1,986,122; Jan. 1.
- Partition, Self-sustaining. G. F. Kotrbaty. 1,990,656; Feb. 12.
- Partition structure. T. Carrozza. 1,993,593; Mar. 5.
- Partition structure. W. S. Snead. 2,007,618; July 9.
- Partition, Transparent. J. E. Malivert. 2,023,332; Dec. 3.
- Partition unit construction, Sectional. J. A. Bohnsack. 1,999,389; Apr. 30.
- Partition wall. A. Hämmerle. 1,991,361; Feb. 19.
- Partition wall construction. C. Schultz. 1,999,741; Apr. 30.
- Partitional member. A. M. Ygberg. 2,010,471; Aug. 6.
- Partitioning. A. C. Goddard. 2,020,502; Nov. 12.
- Parts having telescopic engagement. Holding together. C. L. Wingard. 1,997,958; Apr. 16.
- Paste-applying mechanism for bag machines. G. W. Poppe. 1,994,666; Mar. 19.
- Pasteboard box, Rigid. O. W. Foss. 1,997,882; Apr. 16.
- Paste dispenser. H. K. Andrews and H. J. French. 2,016,357; Oct. 8.
- Paste dispensing device. S. Spiros. 2,001,983; May 21.
- Paste dispensing means. R. S. Spickard. 1,993,043; Mar. 5.
- Paste feed for driers. D. J. Van Marle. 2,006,703; July 2.
- Paste of anthraquinone compounds, Fluid. D. G. Rogers. 2,006,720; July 2.
- Paste, Stencil. J. W. Hiff, P. Robinson, and W. White-scarver. 2,011,898; Aug. 20.
- Paste strip machine. P. Dieterle. 1,994,854; Mar. 19.
- Paste supplier. K. E. Granstedt. 1,997,928; Apr. 16.
- Paste to materials, Device for applying. C. H. Coulson. 1,986,502; Jan. 1.
- Paste tube clamp. J. J. Hinz. 2,023,763; Dec. 10.
- Paster and trimmer, Wall paper automatic. T. J. Shipman. 2,014,817; Sept. 17.
- Paster for cigar machines. H. H. Wheeler. 2,012,149; Aug. 20.
- Pasting machine. W. C. Shields. 2,007,882; July 9.
- Pasteurization apparatus, Regenerative. J. Olsen. 2,001,849; May 21.
- Pasteurizer. C. Morrow. 2,024,179; Dec. 17.
- Pasteurizer, Milk. L. A. Babcock. 2,000,370; May 7.
- Pasteurizing and sterilizing device. B. Kokemper. 2,025,990; Dec. 31.
- Pasteurizing apparatus for liquids. A. Graham-Enock. 1,999,323; Apr. 30.
- Pasteurizing machine. G. C. Alstad and J. H. Baumgartner. 1,997,032-3; Apr. 9.
- Pasteurizing process. G. C. Alstad and J. H. Baumgartner. 1,997,034; Apr. 9.
- Pastry holding rack. M. S. Brown. 2,020,534; Nov. 12.
- Pastry mixer. M. A. Tarrant. 2,013,902; Sept. 10.
- Patch. E. Bullis. 2,007,179; July 9.
- Patch. E. Bullis and M. Jacobson. 2,020,767; Nov. 12.
- Patch for pneumatic tires, Blow-out. C. D. Eckhart. 1,996,285; Apr. 2.
- Patch, Vulcanizable. H. W. Smith and J. E. McCarty. 2,012,935; Aug. 27.
- Patch vulcanizing outfit. G. S. Dawe. 1,991,380; Feb. 19.
- Patching device. W. C. Miller. 2,007,972; July 16.
- Pattern, Adjustable. A. Rozek. 1,986,982; Jan. 8.
- Pattern, Adjustable foundation. B. Van Patten. 2,022,929; Dec. 3.
- Pattern and preparing and reproducing it. M. Westra. 2,019,590; Nov. 5.
- Pattern controlled mechanism and tracer therefor. W. H. Howe. 2,025,748; Dec. 31.
- Pattern copying machine. F. L. Foster and H. A. Colby. 1,998,499; Apr. 23.
- Pattern copying machine. G. F. Ryan. 1,987,799; Jan. 15.
- Pattern drum control mechanism for knitting machines and the like. H. McAdams. 1,995,995; Mar. 26.
- Pattern effects on textile and other materials, Production of. G. H. Ellis and H. C. Olpin. 2,005,182; June 18.
- Pattern maker's tool. J. E. Blumberg. 2,004,499; June 11.
- Pattern on dark colored skins or leathers, Producing. H. Engels. 2,004,043; June 4.
- Pattern record, Making a. C. S. Dippel. 2,016,416; Oct. 8.
- Pattern wheel assembly. H. Agulnek. 2,008,810; July 23.
- Pattern yarn feeding mechanism for knitting machines and operating same. W. N. Taggart. 2,025,913; Dec. 31.
- Patterning mechanism for circular knitting machines. E. Wildt and H. H. Holmes. 2,018,165; Oct. 22.
- Patterning mechanism for circular knitting machines and method of knitting. E. Wildt and H. H. Holmes. 2,018,164; Oct. 22.
- Patty forming machine. W. F. Shelgren. 1,987,029-30; Jan. 8.
- Pavement finishing machine. A. H. Hinkle and A. C. Rasmussen. 1,987,681; Jan. 15.
- Pavement marking. E. B. Meyer. 1,986,591; Jan. 1.
- Pavement, Resurfacing concrete. W. H. Moseley. 2,000,977; May 14.
- Pavement slab, Concrete and cementitious. H. Kling and R. C. Collins. 1,991,931; Feb. 19.
- Pavement with natural aggregates, Constructing asphalt. C. C. Jamieson. 2,003,888; June 4.
- Paving compositions, Method and apparatus for preparing. E. B. Cadwell and A. B. Webb. 2,015,707; Oct. 1.
- Paving material and preparing it. K. E. McConnaughay. 2,003,861; June 4.
- Paving material, Bituminous. S. S. Sadtler. 2,013,972; Sept. 10.
- Paving material, Method and apparatus for producing. M. Madsen. 1,987,243; Jan. 8.
- Paving material, Preparing. G. G. Heghinlan. 2,009,886; July 30.
- Paving means. F. R. Higley. 2,015,897; Oct. 1.
- Paving means. C. C. H. Tommerup. 1,994,930; Mar. 19.
- Paving mixture and producing same. C. N. Forrest. 2,025,945; Dec. 31.
- Paving mixture, Bituminous. W. H. Flood. 2,023,068; Dec. 3.
- Paving mixture, Cold mix and cold laid bituminous. C. M. Baskin. 1,999,178; Apr. 30.
- Paving mixtures, Preparing. C. F. Carroll. 2,012,496; Aug. 27.
- Paving strip. J. Banwell. 2,012,370; Aug. 27.
- Peach turning apparatus. M. C. Gordon and D. Oliva. 1,988,381; Jan. 15.
- Peat and other materials, Drying. T. Gram. 2,014,764; Sept. 17.
- Peat or peat forming materials more especially in connection with the production of peat powder, Harvesting of. T. Gram. 2,004,047; June 4.
- Pectin, Extracting. W. C. Platt. 2,020,572; Nov. 12.
- Pectin preparations, Producing. L. Wallerstein. 2,008,999; July 23.
- Pectous material and making same. H. T. Leo, C. C. Taylor, and F. A. Beck. 2,022,471; Nov. 26.
- Pectous material and product, Making. H. T. Leo, C. C. Taylor, and F. A. Beck. 2,022,470; Nov. 26.
- Pedal, Bicycle. J. Baron. 2,024,499; Dec. 17.
- Pedal depressor. F. W. Parks. 1,987,704; Jan. 15.
- Pedal, Foot accelerator. W. L. Kramer. 2,003,751; June 4.
- Pedal lock for pressing machines. L. Hoysradt. 2,018,305; Oct. 22.
- Pedal mechanism for bicycles and the like. M. O. Frantz. 2,025,446; Dec. 24.
- Pedal, Motor vehicle. R. P. Moore. 2,024,055; Dec. 10.
- Pedestal. K. E. Bemis. 2,024,330; Dec. 17.
- Pedestal. C. Dapp. 1,986,140; Jan. 1.
- Pedestal. C. S. Greenwood and L. C. Travers. 1,987,932; Jan. 15.
- Pedestal, Supporting. A. Kindelmann and C. L. Ragot. 2,002,538; May 28.
- Peel, Baker's. F. A. Jawort. 2,003,541; June 4.
- Peeler and slicer, Fruit and vegetable. H. Rekonty. 2,010,414; Aug. 6.
- Peeler, Fruit and vegetable. W. E. Urschel. 2,021,970; Nov. 26.
- Peeler, Orange. F. L. Cook. 2,022,954; Dec. 3.
- Peeler, Potato. C. B. Lambert and R. P. De Vault. 1,990,127; Feb. 5.
- Peeler, Vegetable. J. Herly. 2,007,647; July 9.
- Peeler, Vegetable. W. E. Urschel. 1,995,693; Mar. 26.
- Peeling apparatus for leguminous tubers. A. Weibel. 1,988,098; Jan. 15.
- Peeling machine. M. Ewald. 1,987,611; Jan. 15.
- Peeling machine and process. M. Ewald. 2,015,666; Oct. 1.
- Pellet forming machine. E. N. Meakin. 2,020,510; Nov. 12.
- Pelts, Working ready dressed and tanned. P. Burger. 1,996,039; Mar. 26.
- Pelvic attachment for artificial legs. G. Dorsch. 2,004,487; June 11.
- Pen. P. Gulizia. 1,986,394; Jan. 1.
- Pen and filler, Fountain. G. H. Osterhout. 2,001,263; May 14.

- Pen and other marking means, Fountain. L. A. Crowell. 1,989,351; Jan. 29.
- Pen and pencil, Flash light. F. E. Billings. 1,996,563; Apr. 2.
- Pen arm lifter. R. H. McPherson and L. C. Carissimi. 2,022,866; Dec. 3.
- Pen desk set, Fountain. W. R. Cuthbert. 2,011,040; Aug. 13.
- Pen desk set, Fountain. K. Y. Johannesson. 2,011,639; Aug. 20.
- Pen filling device, Self-filling fountain. H. C. Hitt. 2,000,950; May 14.
- Pen, Fountain. L. H. Ashmore. 1,999,177; Apr. 30.
- Pen, Fountain. H. L. Carman. 2,003,479; June 4.
- Pen, Fountain. F. B. Chamberlin. 2,005,179; June 18.
- Pen, Fountain. A. O. Dahlberg. 2,016,106; Oct. 1.
- Pen, Fountain. H. A. Funk. 2,011,516; Aug. 13.
- Pen, Fountain. J. Guaglia. 1,987,158; Jan. 8.
- Pen, Fountain. F. D. Hardesty. 2,010,950; Aug. 13.
- Pen, Fountain. E. Huzetz. 1,988,623; Jan. 22.
- Pen, Fountain. C. R. Keeran. 1,989,990; Feb. 5.
- Pen, Fountain. H. Krause. 2,012,722; Aug. 27.
- Pen, Fountain. C. K. Lovejoy. 2,007,576; July 9.
- Pen, Fountain. A. O. McBean. 1,989,761; Feb. 5.
- Pen, Fountain. G. H. Osterhout. 1,995,218; Mar. 19.
- Pen, Fountain. S. M. Sager. 2,019,734; Nov. 5.
- Pen, Fountain. H. I. Schwartz and J. H. Rothstein. 2,010,114; Aug. 6.
- Pen, Fountain. J. C. Sherman. 1,986,372; Jan. 1.
- Pen, Fountain. E. J. Sonn. 1,988,878; Jan. 22.
- Pen, Fountain. A. H. Stenersen. 1,990,441; Feb. 5.
- Pen, Fountain. A. H. Swan. 1,987,646; Jan. 15.
- Pen, Fountain. M. G. Sypher. 2,017,109; Oct. 15.
- Pen, Fountain. H. J. Upton. 2,017,110; Oct. 15.
- Pen, Fountain. R. B. Watson. 2,004,641; June 11.
- Pen, Fountain. N. E. Weigel. 1,989,220; Jan. 29.
- Pen, Fountain. E. K. Werner. 1,994,261; Mar. 12.
- Pen, Fountain feed dip. H. A. Funk. 1,996,327; Apr. 2.
- Pen-point, Preparing. C. Pfannstiel. 2,005,752; June 25.
- Pen recorder, Multiple. N. Belae. 2,002,686; May 28.
- Pen, Soluble ink fountain. R. B. Kingman. 1,998,930; Apr. 23.
- Pen, Soluble ink fountain. R. B. Kingman. 2,011,222; Aug. 13.
- Pen, Soluble ink fountain. R. B. Kingman. 2,024,220; Dec. 17.
- Pen, Soluble ink fountain. R. B. Kingman. 2,025,110; Dec. 24.
- Pen, Soluble ink fountain. R. B. Kingman and R. L. Hartwell. 2,024,228; Dec. 17.
- Pen stand. H. L. Koch. 2,009,360; July 23.
- Pen, Stunning. R. W. Regensburger. 2,025,124; Dec. 24.
- Pen wiping device. P. A. Lloberes. 2,023,177; Dec. 3.
- Pen, Writing. L. S. Henwood. 2,001,726; May 21.
- Penalizing meter. W. C. Wagner. 1,993,813; Mar. 5.
- Pencil. B. Hastings. 1,997,363; Apr. 9.
- Pencil. W. B. Lynch and E. E. Frey. 2,021,657; Nov. 19.
- Pencil. J. P. Lynn. 1,997,424; Apr. 9.
- Pencil. E. C. Weaver and W. Randall. 2,023,865; Dec. 10.
- Pencil. A. C. Wells. 2,005,485; June 18.
- Pencil and fountain pen, Combined double-color mechanical. I. Hayashida. 2,025,661; Dec. 24.
- Pencil and making same, Lead. H. Grossman. 1,985,894; Jan. 1.
- Pencil attachment. P. Clow. 2,018,296; Oct. 22.
- Pencil clip. J. Andrés y Hernandez. 1,999,966; Apr. 30.
- Pencil-clip and sharpener, Combination. A. Olson. 1,995,777; Mar. 26.
- Pencil holder, Safety. C. Walker. 1,996,664; Apr. 2.
- Pencil leads, Black writing. A. Schwarz and K. Kreutzer. 2,016,807; Oct. 8.
- Pencil, Mechanical. P. S. Hanton. 2,008,789; July 23.
- Pencil, Mechanical. P. S. Hanton. 2,015,673; Oct. 1.
- Pencil, Mechanical. J. Kahn. 2,009,182; July 23.
- Pencil, Mechanical. C. E. Wehn. 2,017,555; Oct. 15.
- Pencil, Multiple. J. De Mario. 2,025,938; Dec. 31.
- Pencil or crayon case. F. Krauss. 1,988,903; Jan. 22.
- Pencil, Propelling. A. Dillier and J. Gabler. 1,987,393; Jan. 8.
- Pencil, Propelling. N. Nagy. 1,997,496; Apr. 9.
- Pencil, Refillable. C. Stehl. 1,995,757; Mar. 26.
- Pendant for watches and the like. L. L. Burghoff. 2,003,781; June 4.
- Pendulum for gravity determination. O. Meisser. 1,987,786; Jan. 15.
- Pendulum weighing machine. W. Depenbrock. 1,988,072; Jan. 15.
- Penetrator. F. H. Willey. 1,991,238; Feb. 12.
- Pentaerythrite, Producing. E. Naujoks. 2,004,010; June 4.
- Pentaerythrite, Producing. T. R. Paterson. 2,011,589; Aug. 20.
- Pentanones, Separation of isomeric. J. A. van Melsen and S. L. Langedijk. 2,010,384; Aug. 6.
- Perambulator. M. Fehre. 2,001,343; May 14.
- Percentage of water in wood, textiles, and other substances, Determination of the. P. Rother and G. Grau. 2,017,376; Oct. 15.
- Perch construction for birds or animals. B. R. Nybagen. 1,998,787; Apr. 23.
- Percolation leaching method. H. E. Keyes. 2,009,667; July 30.
- Percolator attachment for coffee urns, Electrical. C. F. Sommers. 1,995,081; Mar. 19.
- Percolator, Coffee. C. E. Collin. 2,020,104; Nov. 5.
- Percolator construction. J. E. Smith. 2,001,160; May 14.
- Percolator, Electric. M. G. Hubbard. 1,990,546; Feb. 12.
- Percolator heater. A. F. Larsen. 1,998,726; Apr. 23.
- Percolator top. W. B. Moore and J. K. Wahl. 2,022,320; Nov. 26.
- Percolator top. E. P. Seghers. 2,002,355; May 21.
- Percussive tool. T. Lechelt. 1,992,703; Feb. 26.
- Percussive tool valve. H. J. Schorle. 2,003,121; May 28.
- Percussive tool valve. W. A. Smith, Jr., and H. J. Schorle. 2,025,403; Dec. 24.
- Perforating apparatus. N. K. Engst. 2,021,296; Nov. 19.
- Perforating apparatus. J. C. Gates. 2,021,302; Nov. 19.
- Perforating device. H. D. Snyder and E. Kern. 2,001,161; May 14.
- Perforating die. G. F. Lammert. 2,023,893; Dec. 10.
- Perforating machine. J. R. Anderson and E. G. Rix. 2,017,195; Oct. 15.
- Perforating machine. R. E. Page. 2,013,543; Sept. 3.
- Perfumes, cosmetics, perfumed soaps, essences and analogous preparations. J. W. Blagden. 1,995,240; Mar. 19.
- Perhydrocarbazoles, Heterocyclically substituted. M. Bockmühl, W. Krohs, and G. Ehrhart. 2,003,623; June 4.
- Perhydrocarbazyl compounds of the pyridine and quino-line series. M. Bockmühl, W. Krohs, and G. Ehrhart. 2,016,480; Oct. 8.
- Periscope and stadimeter, Combination. F. L. G. Kollmorgen. 1,986,731; Jan. 1.
- Perishable foods, Transportation of. O. C. Bowes. 2,007,154; July 9.
- Permanent wave rod. J. Schneiderman. 2,010,112; Aug. 6.
- Permanent waving. H. N. Durham. 2,021,294; Nov. 19.
- Permanent waving apparatus. D. Lakenbach. 1,995,618; Mar. 26.
- Permanent waving device. A. E. Lackenbach. 2,018,367; Oct. 22.
- Permanent waving device. D. Webber. 1,998,062; Apr. 16.
- Permanent waving heater. H. N. Durham. 2,022,657; Dec. 3.
- Permutation lock. I. Podrżaj. 1,994,960; Mar. 19.
- Permutation lock. C. Rapp. 2,007,663; July 9.
- Permutation lock. M. Zuili. 1,993,252; Mar. 5.
- Peroxide, Making acetyl benzoyl. T. Carruthers. 1,985,886; Jan. 1.
- Peroxide solutions, Stabilization of. C. A. Agthe and R. Blaser. 2,012,462; Aug. 27.
- Per-salts by electrolysis, Making. J. van Loon. 1,988,059; Jan. 15.
- Persisting luminescent screen. C. F. Jenkins. 2,021,010; Nov. 12.
- Personnel, Apparatus for determining the rate of muscular and mental coordination of. J. R. Poppen. 2,023,488; Dec. 10.
- Perspective drawing device. E. E. F. De Lorenzi. 1,986,625; Jan. 1.
- Perspiration absorber. E. L. Mann. 2,016,210; Oct. 1.
- Pessary. R. Riddlesbarger. 1,995,818; Mar. 26.
- Pessary. J. Schmid. 2,024,539; Dec. 17.
- Pest annihilator. G. B. Barnhill. 2,014,609; Sept. 17.
- Pest exterminator. R. B. Loibl, Jr. 2,004,121-3; June 11.
- Petrolatum, Treating. H. T. Bennett, H. H. Hopkins, and J. R. Marshall. 2,026,492; Dec. 31.
- Petroleum and the products thereof, Oxidizing. W. B. D. Penniman. 1,995,324; Mar. 26.
- Petroleum, Apparatus for treating. O. J. Nelson. 1,993,017; Mar. 5.
- Petroleum distillates, Solvent extraction of. D. F. Edwards and J. V. Starr. 2,013,040; Sept. 3.
- Petroleum distillates, Treatment of light. R. E. Burk. 2,009,954; July 30.
- Petroleum emulsions, Breaking. M. De Groote. 1,988,832; Jan. 22.
- Petroleum emulsions, Breaking. M. De Groote. 1,988,834; Jan. 22.
- Petroleum emulsions, Breaking. M. De Groote. 1,994,758; Mar. 19.
- Petroleum emulsions, Breaking. M. De Groote. 2,015,260; Sept. 24.
- Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 1,988,833; Jan. 22.
- Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 2,023,993; Dec. 10.
- Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 2,023,995-7; Dec. 10.
- Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 2,026,217-19; Dec. 31.
- Petroleum emulsions, Breaking. M. De Groote, B. Keiser, and A. F. Wirtel. 2,025,804-5; Dec. 31.
- Petroleum emulsions, Breaking. M. DeGroote and A. F. Wirtel. 1,988,835; Jan. 22.
- Petroleum emulsions, Breaking. M. De Groote and A. F. Wirtel. 2,023,994; Dec. 10.
- Petroleum emulsions, Breaking. C. H. M. Roberts. 2,000,717; May 7.
- Petroleum emulsions, Breaking. C. H. M. Roberts. 2,023,976; Dec. 10.
- Petroleum emulsions, Breaking. C. N. Stehr. 2,023,979; Dec. 10.
- Petroleum emulsions, Breaking. C. N. Stehr. 2,023,980-2; Dec. 10.
- Petroleum emulsions, Breaking. C. N. Stehr. 2,026,195; Dec. 31.
- Petroleum emulsions, Treatment of. W. B. Lerch. 1,990,293; Feb. 5.

- Petroleum fractions, Condensing. G. B. Coubrough. 2,002,731; May 28.
- Petroleum hydrocarbons, Cracking. C. B. Buerger. 2,023,063; Dec. 3.
- Petroleum hydrocarbons, Sweetening. E. F. Pever. 2,015,038; Sept. 17.
- Petroleum hydrocarbons, Treatment of. T. T. Gray. 2,020,115; Nov. 5.
- Petroleum mixtures, Separating heavy. G. B. Coubrough. 1,991,792; Feb. 19.
- Petroleum oil emulsions, De-emulsification of. A. W. Burwell. 1,993,646; Mar. 5.
- Petroleum oils, Converting. W. M. Cross. 1,998,571; Apr. 23.
- Petroleum oils, Treating. C. P. Dubbs. 2,004,196; June 11.
- Petroleum, Oxidizing cracked. C. Ellis. 1,992,691; Feb. 26.
- Petroleum plastic. D. R. Merrill. 1,989,045; Jan. 22.
- Petroleum product. D. R. Stevens and W. A. Gruse. 2,001,634; May 14.
- Petroleum product and treating the same, Distillate. J. B. Rather, L. C. Beard, Jr., and O. M. Reiff. 1,989,528; Jan. 29.
- Petroleum product and treating same, Distillate. J. B. Rather, L. C. Beard, Jr., and O. M. Reiff. 2,002,645; May 28.
- Petroleum products, Refining of cracked. D. R. Stevens and W. A. Gruse. 2,017,610; Oct. 15.
- Petroleum, Refining asphalt base. W. S. Baylis. 1,997,896; Apr. 16.
- Petroleum, Treating. W. W. Gary. 1,994,511; Mar. 19.
- Phantoscope. G. Levene. 2,016,151; Oct. 1.
- Pharmaceutical package. C. G. Hilgenberg. 2,017,800; Oct. 15.
- Pharmaceutical preparation and dentifrice. B. R. Faunce. 2,025,655; Dec. 24.
- Phase and amplitude modulation receiver. M. G. Crosby. 2,019,446; Oct. 29.
- Phase angle correction network. R. Higgins. 1,994,279; Mar. 12.
- Phase differences of interconnected systems, Indicating small. D. D. Knowles. 2,018,268; Oct. 22.
- Phase modulating system. J. Osawa. 2,001,107; May 14.
- Phase rotation detector and frequency regulator. G. L. Usselman. 2,018,820; Oct. 29.
- Phase sequence apparatus. W. A. Lewis, Jr. 2,000,767; May 7.
- Phase shifting apparatus. L. A. Mecham. 2,004,613; June 11.
- Phenol and preparation thereof. E. C. Britton. 1,996,744; Apr. 9.
- Phenol, Preparation of. J. I. Carr, M. A. Dahlen, and E. F. Hitch. 2,007,327; July 9.
- Phenol, Production of. L. Kahl. 2,003,941; June 4.
- Phenol recovery process. C. L. Burdick. 1,986,320; Jan. 1.
- Phenolic condensation product. E. Fonrobert and F. Lemmer. 1,990,985; Feb. 12.
- Phenolic condensation products and preparing same, Potentially reactive. O. A. Cherry. 1,994,753; Mar. 19.
- Phenolic isomers, Separating. N. P. Akimoff. 2,016,848; Oct. 8.
- Phenols from alkali arylsulphonates, Manufacture of. M. E. Bouvier, L. D. Bardin, and J. J. Chavan. 1,992,167; Feb. 26.
- Phenols from coal tars and lignite tars, Obtention of. K. Gieseler. 2,016,633; Oct. 8.
- Phenols from gas liquors, Recovery of. W. Tiddy. 1,989,177; Jan. 29.
- Phenols, Manufacture of. W. Prah. 2,009,023; July 23.
- Phenols, Preparing vinyl. G. W. Seymour. 2,006,517; July 2.
- Phenols of tars and similar mixtures, Extracting the. R. M. Jarry. 2,001,613; May 14.
- Phenols, Preparation of. M. E. Bouvier and L. D. Bardin. 1,988,156; Jan. 15.
- Phenols, Producing alkyl. C. A. Thomas. 1,999,793; Apr. 30.
- Phenols, Producing substituted. J. B. Niederl. 2,008,032; July 16.
- Phenols, Purifying. K. H. Engel. 2,006,589; July 2.
- Phenols, Refining of alkyl. R. Schuler. 2,022,256; Nov. 26.
- Phenyl carbonates of aminopropanediols. T. H. Rider. 2,004,132; June 11.
- Phenyl mercaptans and intermediates therefor, Preparation of. E. Havas. 1,993,663; Mar. 5.
- Phenylmethanes, Preparation of. E. F. Pever. 2,015,039; Sept. 17.
- Phonodynes, including mechanisms, processes, and manufactures. E. Hopkins. 2,007,370; July 9.
- Phonograph. T. C. Brown. 2,005,074; June 18.
- Phonograph. T. C. Brown. 2,016,887; Oct. 8.
- Phonograph. F. L. Fox. 2,010,690; Aug. 6.
- Phonograph. L. Goldhammer. 2,003,434; June 4.
- Phonograph. H. F. Gramann. 2,010,717; Aug. 6.
- Phonograph. C. Huenlich. 1,989,198; Jan. 29.
- Phonograph. A. A. Johnson. 1,992,575; Feb. 26.
- Phonograph. A. A. Johnson. 2,008,356; July 16.
- Phonograph. A. A. Johnson. 2,010,785; Aug. 6.
- Phonograph. L. L. Jones. 1,988,846; Jan. 22.
- Phonograph. L. L. Jones, J. Jones and T. E. Piazze. 2,007,054; July 2.
- Phonograph. L. L. Jones and T. E. Piazze. 1,998,137; Apr. 16.
- Phonograph. L. L. Jones and T. E. Piazze. 2,006,048; June 25.
- Phonograph. J. M. Lucarelle and J. E. Renholdt. 2,008,328; July 16.
- Phonograph. E. C. Mueller. 2,025,300; Dec. 24.
- Phonograph. M. Nystrom. 1,993,073; Mar. 5.
- Phonograph. C. R. Raney. 1,988,180; Jan. 15.
- Phonograph. J. P. Stockton. 1,992,334; Feb. 26.
- Phonograph. J. P. Stockton. 2,026,257; Dec. 31.
- Phonograph. A. B. Winchell. 1,990,885-6; Feb. 12.
- Phonograph and radio, Portable combined automatic. A. Hill. 2,022,543; Nov. 26.
- Phonograph, Automatic. F. A. Brandstrom. 2,003,424; June 4.
- Phonograph, Automatic. W. T. Carnes. 2,007,638-9; July 9.
- Phonograph, Automatic. E. E. Collison and R. R. Erbe. 2,018,881; Oct. 29.
- Phonograph, Automatic. G. O. Wardrop. 1,993,078; Mar. 5.
- Phonograph, Automatic. R. I. Wilcox. 2,002,236; May 21.
- Phonograph, Automatic record changing. T. W. Small. 1,991,964; Feb. 19.
- Phonograph, Electric. A. B. Winchell. 2,015,737; Oct. 1.
- Phonograph, Manually operated. J. J. Warner. 1,998,149; Apr. 16.
- Phonograph, Multiple playing. R. R. Erbe. 2,012,185; Aug. 20.
- Phonograph, Multiple record. R. W. Pitman. 2,013,927; Sept. 10.
- Phonograph pickup. F. N. Del Ponte. 2,019,000; Oct. 29.
- Phonograph pick-up. S. McClatchie. 2,005,154; June 18.
- Phonograph record feeding means and method. J. A. Fern. 1,996,412; Apr. 2.
- Phonograph record retaining device for record containers. J. E. Renholdt. 2,022,216; Nov. 26.
- Phonograph records, Rediting of. J. H. Hammond, Jr. 2,008,699; July 23.
- Phonograph records, Apparatus for cleaning. E. M. Patterson. 1,992,234; Feb. 26.
- Phonograph records, Apparatus for metallic coating. A. G. Russell. 1,986,536; Jan. 1.
- Phonograph records, Automatically changing. B. L. Gates. 2,017,898; Oct. 22.
- Phonograph records, Changing. R. B. Whitman. 1,991,005; Feb. 12.
- Phonograph reproducer. J. H. King. 1,986,583; Jan. 1.
- Phonograph reproducer, Electric. A. A. Thomas. 1,992,727; Feb. 26.
- Phonograph reproducing system. H. C. Harrison. 1,996,511; Apr. 2.
- Phonograph, Selective automatic. R. I. Wilcox. 2,005,923; June 25.
- Phonograph, Twin. L. D. Norton and J. E. Renholdt. 2,026,398; Dec. 31.
- Phonographic announcing mechanism or the like. J. L. Franklin. 2,011,216; Aug. 13.
- Phonographic apparatus. E. D. Cook. 2,008,097; July 16.
- Phonographic playing machine, Selective. P. H. Smyth, Jr. 2,004,016; June 4.
- Phonographs, Automatic switching device for. A. W. Niemann. 1,986,595; Jan. 1.
- Phosphate coating, Method and material for producing. J. S. Thompson and V. M. Darsey. 2,001,754; May 21.
- Phosphates, Decomposing raw. S. G. Nordengren. 2,002,547; May 28.
- Phosphates, Manufacture of. L. Preisman. 2,021,699; Nov. 19.
- Phosphates, Treating raw. A. Foss. 1,994,070; Mar. 12.
- Phosphatic materials, Producing. G. H. McCoy, D. M. Wright and J. P. Hall. 2,017,468; Oct. 15.
- Phosphatide preparation, Production of. A. Schwiager. 2,020,662; Nov. 12.
- Phosphatide preparations, Producing powdered. R. Rosenbusch and G. Reverey. 1,988,050; Jan. 15.
- Phosphoric acid metal cleaning and rust preventing solution. W. K. Schweitzer. 1,992,045; Feb. 19.
- Phosphorus, Method and apparatus for oxidizing. R. E. Zinn. 1,991,916; Feb. 19.
- Phosphorus oxychloride, Making. H. P. Roberts. 2,002,277; May 21.
- Phosphorus pentoxide, Stabilized form of. B. Malishey. 2,005,944; June 25.
- Phosphorus, Production of. A. J. Mason. 1,988,387; Jan. 15.
- Photo cell control for cut-off mechanism. C. P. Barker. 2,007,266; July 9.
- Photocells, Production of suppression layer. F. Rother. 2,019,096; Oct. 29.
- Photocomposing machine. E. E. Cooper and A. T. Troedel. 1,999,831; Apr. 30.
- Photo conductive device and making it. V. E. Burg. 1,997,479; Apr. 9.
- Photocopy machine. W. P. Lloyd. 1,992,492; Feb. 26.
- Photocopy machine. W. P. Lloyd. 1,998,324; Apr. 16.
- Photo copy machine. W. P. Lloyd. 2,022,891; Dec. 3.
- Photocopy machine. W. P. Lloyd and M. H. Hill. 2,019,788; Nov. 5.
- Photoelectric apparatus. F. H. Shepard, Jr. 2,014,786; Sept. 17.
- Photoelectric cell. D. P. Moore. 1,997,973; Apr. 16.
- Photo-electric cells having auxiliary anodes, Operating H. H. Geffken. 1,986,806; Jan. 8.

- Photo-electric cells, Manufacture of. R. H. Cubitt and A. L. Williams. 1,995,200; Mar. 19.
- Photoelectric device. A. H. Lamb. 2,000,642; May 7.
- Photo-electric relay apparatus. W. D. Cockrell. 1,992,055; Feb. 19.
- Photo-electric system. A. S. Fitz Gerald. 2,016,036; Oct. 1.
- Photo-electric tube. W. Barsties. 2,015,133; Sept. 24.
- Photo-electric tube. J. H. de Boer and M. C. Teves. 2,003,344; June 4.
- Photo-electric tube. A. R. Olpin. 2,008,874; July 23.
- Photo-electric tube. H. C. Rentschler. 2,019,634; Nov. 5.
- Photoelectric tube. F. Schröter. 1,993,185; Mar. 5.
- Photo-electric tube. F. Schröter and O. Schriever. 2,004,176; June 11.
- Photoelectric tube. P. L. Spencer. 1,991,774; Feb. 19.
- Photo-electric tube. W. F. Tedham and G. B. Baker. 1,988,525; Jan. 22.
- Photo-electric tube. H. E. Thomson. 1,996,557; Apr. 2.
- Photoelectric web registering device. L. Fereenci. 1,988,486; Jan. 22.
- Photoflash attachment, Electrically operated. S. Mendelsohn. 1,986,513; Jan. 1.
- Photoflash device. F. T. Morris. 2,016,834; Oct. 8.
- Photoflash lamp. J. H. Kurlander. 1,996,621; Apr. 2.
- Photo flash light device. E. J. Rush. 2,020,741; Nov. 12.
- Photograph album, No-paste. H. Freiburger. 1,991,274; Feb. 12.
- Photograph and making same, Colored. W. T. Crespinel. 2,016,666; Oct. 8.
- Photograph printing machine, Automatic. C. H. Barnstorf. 2,016,811; Oct. 8.
- Photograph printing machine, Rotary. G. A. Biery. 2,009,572; July 30.
- Photograph studio, Automatic. L. A. Vassakos. 2,016,029; Oct. 1.
- Photographic amusement device and making the same. H. Fels. 2,020,853; Nov. 12.
- Phonographic apparatus. M. G. Clay. 2,022,492; Nov. 26.
- Photographic apparatus. L. M. Dieterich. 2,025,731; Dec. 31.
- Photographic apparatus. W. D. Foster and E. L. Parmelee. 2,009,442; July 30.
- Photographic apparatus. W. D. Foster and E. L. Parmelee. 2,017,855; Oct. 22.
- Photographic apparatus. C. Miller. 2,003,754; June 4.
- Photographic apparatus. A. G. Ogden. 2,019,764; Nov. 5.
- Photographic apparatus. O. Risdorfer. 2,013,363; Sept. 3.
- Photographic apparatus. H. M. Smith. 1,988,022; Jan. 15.
- Photographic apparatus. C. Wright. 2,023,159; Dec. 3.
- Photographic apparatus and method of photography. E. H. Land. 2,018,963; Oct. 29.
- Photographic apparatus, Monocular. A. L. Barnes. 2,022,454; Nov. 26.
- Photographic apparatus, Remote-controlled. G. S. Britten. 1,999,278; Apr. 30.
- Photographic band. D. McMaster. 1,987,072; Jan. 8.
- Photographic copy conveyor. A. W. Caps and P. Landrock. 2,001,598; May 14.
- Photographic copy holder. F. W. Peterson. 1,999,616; Apr. 30.
- Photographic copying. C. E. Lundberg. 2,003,691; June 4.
- Photographic copying machine. P. Landrock. 2,015,803; Oct. 1.
- Photographic developer. H. D. Russell. 1,990,800; Feb. 12.
- Photographic developer. H. D. Russell. 2,017,167; Oct. 15.
- Photographic developer. H. Schültes. 2,017,295; Oct. 15.
- Photographic developer and preparing the same. C. W. Bennett. 2,018,657; Oct. 29.
- Photographic developing apparatus. B. J. Hall. 1,999,965; Apr. 30.
- Photographic device and method. O. V. Kean. 2,018,891; Oct. 29.
- Photographic emulsion and making same. J. G. Capstaff. 1,991,136; Feb. 12.
- Photographic emulsions, Manufacture of. H. Arens. 2,005,837; June 25.
- Photographic emulsions, Manufacture of sensitized. I. M. Heilbron and F. Irving. 2,008,450; July 16.
- Photographic enlarger. A. Grant. 2,001,062; May 14.
- Photographic enlarging machines for making pictures, Method and attachment to. F. H. Krug. 2,019,498; Nov. 5.
- Photographic exposure meter. G. A. Peabody. 1,996,828; Apr. 9.
- Photographic exposures, Apparatus for controlling. O. Risdorfer. 2,024,661; Dec. 17.
- Photographic images, Chemically transforming. F. Lieng. 2,013,159; Sept. 3.
- Photographic images, Coloring. P. D. Brewster. 1,992,169; Feb. 26.
- Photographic images, Process and solution for treating. K. C. D. Hickman and W. J. Weyerts. 2,024,644; Dec. 17.
- Photographic images with conversion from negative to positive, Developing. W. Kleist. 2,006,834; July 2.
- Photographic layers in a bath containing a wetting agent and new preparations intended for acting on photographic layers, Treating. A. Schaeffer. 2,000,353; May 7.
- Photographic lettering machine. A. G. Ogden. 2,010,561; Aug. 6.
- Photographic line printing. K. Murck. 1,989,879; Feb. 5.
- Photographic machine. H. C. Jones. 1,992,621; Feb. 26.
- Photographic material. G. Heymer. 2,020,607; Nov. 12.
- Photographic material. A. von Biehler. 1,998,530; Apr. 23.
- Photographic material, Sensitive. S. E. Sheppard and W. Vanselow. 2,019,737; Nov. 5.
- Photographic objective. L. Bertele. 1,998,704; Apr. 23.
- Photographic objective. A. W. Tronnier. 1,987,878; Jan. 15.
- Photographic objective having an iris diaphragm. W. Merté. 2,015,491; Sept. 24.
- Photographic plate element and preparing same. J. Herbert. 1,985,925; Jan. 1.
- Photographic plates, Pack of. B. Liebeskind. 2,002,035; May 21.
- Photographic printing. J. Eggert and G. Heymer. 2,022,933; Dec. 3.
- Photographic printing apparatus. C. M. Tuttle. 2,019,748; Nov. 5.
- Photographic printing apparatus. C. M. Tuttle and D. A. Young, Jr. 1,987,036; Jan. 8.
- Photographic printing apparatus and method for endless sound films. J. A. Maurer, Jr. 2,002,151; May 21.
- Photographic printing emulsion and its production. W. A. Berry. 2,001,951; May 21.
- Photographic printing machine. G. P. Ham. 1,988,593; Jan. 22.
- Photographic printing machine. A. S. Howell. 2,019,260; Oct. 29.
- Photographic printing machine. L. Lyle. 2,025,755; Dec. 31.
- Photographic prints, Permanently flattening. W. G. Rounds. 1,987,246; Jan. 8.
- Photographic process employing bichromated colloids. F. W. Sharp. 1,994,289; Mar. 12.
- Photographic recording of acoustic or the like oscillations. A. Whitaker. 1,996,359; Apr. 2.
- Photographic reversal process. K. C. D. Hickman. 2,005,368; June 18.
- Photographic roller holder. L. Petit. 1,992,091; Feb. 19.
- Photographic sensitive element. L. D. Mannes and L. Godowsky, Jr. 2,010,459; Aug. 6.
- Photographic shutter. G. L. Coursen. 2,002,109; May 21.
- Photographic shutter, Automatic. W. A. Riddell. 2,005,394; June 18.
- Photographic shutter construction. C. C. Fuerst. 1,991,146; Feb. 12.
- Photographic shutter. P. J. Marks. 2,020,036; Nov. 5.
- Photographic surfaces, Treating. V. A. Stewart. 1,997,269; Apr. 9.
- Photographic timing apparatus. W. A. Riddell. 1,991,119; Feb. 12.
- Photographically sensitive element. G. S. Babcock. 2,014,547; Sept. 17.
- Photographing apparatus. G. C. Beidler. 2,021,884; Nov. 26.
- Photographing device. H. Mitchell and F. A. Nave. 1,993,178; Mar. 5.
- Photographs, Apparatus for taking. J. B. Strauss. 2,000,425; May 7.
- Photographs, Apparatus for taking series of. F. Pfeiffer, and K. A. Traenkle. 2,014,188; Sept. 10.
- Photographs in two or more colors, Producing. B. Gaspar. 1,988,891; Jan. 22.
- Photography. M. O. Miller. 2,000,470; May 7.
- Photography. D. W. Norwood. 1,992,233; Feb. 26.
- Photography and objective system therefore, Stereoscopic. E. E. Draper. 2,005,777; June 25.
- Photography, Apparatus for color. O. O. Ceccarini. 1,986,425; Jan. 1.
- Photography, Auto-collimated objective for color. G. Grosset. 2,003,881; June 4.
- Photography, Color. L. M. Dieterich. 2,005,970; June 25.
- Photography, Color. G. B. Harrison. 2,024,522; Dec. 17.
- Photography, Color. I. P. Rodman. 2,011,544; Aug. 13.
- Photography, Color. M. Zeller. 2,009,424; July 30.
- Photography machine. C. L. Smith. 1,995,825; Mar. 26.
- Photography, Method and apparatus for half-tone, color, or similar. E. S. Ballard. 1,990,396; Feb. 5.
- Photography, System in stereoscopic. R. L. Huber. 1,993,448; Mar. 5.
- Photography, Three color. J. A. Ball. 2,000,058; May 7.
- Photometric apparatus. A. C. Hardy. 1,987,441; Jan. 8.
- Photometric device. O. T. McIlvaine. 2,015,431; Sept. 24.
- Photo-micrographic apparatus. G. Fassin. 2,004,807; June 11.
- Photo mount. F. J. Kellermeier. 1,987,111; Jan. 8.
- Photophone apparatus. C. R. Hanna. 2,003,048; May 28.
- Photophonograph. E. W. Reynolds. 2,013,109; Sept. 3.
- Photo-printing. V. C. Akintievsky. 1,997,507; Apr. 9.
- Photosensitive apparatus. E. D. Wilson. 2,008,410; July 16.
- Phototelegraphy. H. G. Bartholomew and J. W. Dalton. 2,021,474; Nov. 19.
- Photo-telephones and the like, Apparatus for. R. Mechau, H. Eisenhut, and R. Reinsch. 2,010,313; Aug. 6.
- Phototube. D. C. Law. 2,001,685; May 14.
- Phototube. T. H. Long. 2,000,705; May 7.
- Phthalic anhydride and benzoic acid, Apparatus for the production of. M. Scharrf, J. Brode, A. Johannsen, and J. Reichart. 2,013,973; Sept. 10.

- Physical changes, Apparatus for indicating and/or controlling. L. de Florez and E. Bach. 1,994,983; Mar. 19.
- Physical changes, Apparatus for indicating or controlling. L. de Florez. 2,005,773; June 25.
- Piano. E. F. Story. 1,990,574; Feb. 12.
- Piano. F. A. Wessell. 1,990,764; Feb. 12.
- Piano accordion. F. Piatanesi. 2,003,953; June 4.
- Piano action. C. H. Dassenbrook. 1,992,939; Mar. 5.
- Piano, and more particularly to the mounting of strings thereon. P. H. Bilhuber. 2,025,933; Dec. 31.
- Piano, Baby grand. C. Leitsch. 2,024,829; Dec. 17.
- Piano chord player. D. M. Moore. 2,003,384; June 4.
- Piano, Electrically controlled. V. H. Severy. 2,006,413; July 2.
- Piano light. N. G. Horwitt. 2,007,164; July 9.
- Piano recording. J. H. Hammond, Jr. 2,001,724; May 21.
- Piano, Regenerative. J. H. Hammond, Jr. 2,001,723; May 21.
- Pianoforte and like mechanically operated string instrument. W. Evans. 2,017,959; Oct. 22.
- Pianoforte, Horizontal. A. A. Dale. 2,024,629; Dec. 17.
- Pianos, Action for grand. F. L. George. 2,021,449; Nov. 19.
- Pianos, Foot operable playing attachment for. C. J. Wilson. 2,003,227; May 28.
- Pick. H. C. Shaugency. 2,021,900; Nov. 26.
- Pick-off means for gumming machines. G. W. von Hofe. 2,008,374; July 16.
- Pick, Test. P. G. Edwards and C. E. Clutts. 2,020,402; Nov. 12.
- Pick-up and delivery system. E. J. White and A. S. Garove. 2,000,154; May 7.
- Pick-up arm guide for sound-box of talking machines. F. Putnoky. 2,006,605; July 2.
- Pick-up device for fasteners. F. H. Dellaree. 2,025,273; Dec. 24.
- Picker. J. Moss. 2,001,687; May 14.
- Picker checkstrap. H. J. Shivel. 1,993,531; Mar. 5.
- Picker-roll adjustment. J. E. Price and S. J. Shehan. 2,016,024; Oct. 1.
- Picker spindle for looms. C. J. Lindgren. 1,990,294; Feb. 5.
- Picking apparatus. S. L. Williams. 2,019,206; Oct. 29.
- Pickling inhibitor. J. Teppema. 1,990,963; Feb. 12.
- Pickling restrainer and the manufacture thereof. D. W. Parkes and C. D. Mitchell. 2,010,562; Aug. 6.
- Pickling solution. Reclaiming. I. Hechenbleikner. 2,006,693; July 2.
- Pickling solutions, Recovering waste. N. B. Smith, R. M. Berry and H. C. Knerr. 2,017,773; Oct. 15.
- Picture and device for producing such picture, Colored. E. Walbinger. 1,986,654; Jan. 1.
- Picture and making the same, Ornamental. S. Lafair. 1,993,889; Mar. 12.
- Picture and mirror frame. H. Solomon. 2,016,349; Oct. 8.
- Picture and producing it, Embossed. S. Hayden. 2,005,719; June 25.
- Picture and sound projection apparatus. E. Boecking. 1,993,770; Mar. 12.
- Picture and sound recording and reproduction in motion pictures, Combined. H. Chretien. 2,006,233; June 25.
- Picture and sound reproduction. W. A. Kosken. 2,015,344; Sept. 24.
- Picture, Animated. A. O. Tannenberg. 2,021,817; Nov. 19.
- Picture apparatus, Automatically modifying the functioning of mechanical movements in sound-on-film motion. L. Day. 1,989,166; Jan. 29.
- Picture apparatus, Intermittent feed for motion. J. A. Briggs. 2,017,117; Oct. 15.
- Picture apparatus, Motion. A. A. Andrews. 2,000,872; May 7.
- Picture apparatus, Motion. F. Conrad and C. Aalberg. 2,023,065; Dec. 3.
- Picture apparatus, Motion. L. Gross. 1,999,634; Apr. 30.
- Picture apparatus, Motion. C. R. Hanna. 2,000,698; May 7.
- Picture apparatus, Motion. J. F. Leventhal. 2,013,350; Sept. 3.
- Picture apparatus, Motion. J. F. Leventhal. 2,013,661; Sept. 10.
- Picture apparatus, Motion. F. Tuttle. 2,008,973; July 23.
- Picture apparatus, Portable talking motion. R. P. May. 2,003,381; June 4.
- Picture apparatus, Portable talking motion. R. P. May and H. C. Holden. 2,026,134; Dec. 31.
- Picture apparatus, Motion. W. A. Schulz. 2,023,103; Dec. 3.
- Picture apparatus, Talking motion. J. O. Baker. 1,989,963; Feb. 5.
- Picture apparatus, Talking motion. A. N. Goldsmith. 2,000,697; May 7.
- Picture building set. J. G. Smith and W. L. Foehl. 1,991,298; Feb. 12.
- Picture, Changeable colored. C. W. Kanolt. 1,989,553; Jan. 29.
- Picture, Composite. F. W. Jackman. 2,014,435; Sept. 17.
- Picture, Composite motion. H. F. Koenekamp. 2,004,992; June 18.
- Picture container. A. L. Shaw. 1,998,640; Apr. 23.
- Picture film propelling means, Motion. H. N. Ensign and H. A. Hanson. 2,016,083; Oct. 1.
- Picture frame. N. G. Horwitt. 2,016,941; Oct. 8.
- Picture frame. N. G. Horwitt and M. Katcher. 2,016,942; Oct. 8.
- Picture frame. G. Rosenberg and L. Spiselman. 1,993,947; Mar. 12.
- Picture frame machine. S. Varieur. 2,009,153; July 23.
- Picture in natural colors, Relief. H. E. Ives. 1,987,443; Jan. 8.
- Picture machine control, Motion. H. G. Weiss. 2,013,350; Sept. 3.
- Picture machine, Motion. W. L. Douden. 1,997,410; Apr. 9.
- Picture machine, Motion. A. S. Howell. 2,000,286; May 7.
- Picture mat, Composite. F. D. Williams. 2,024,081; Dec. 10.
- Picture, Novelty. I. B. Whitcomb. 2,018,587; Oct. 22.
- Picture projecting and sound reproducing apparatus, Motion. La V. E. Thomas. 2,008,881; July 23.
- Picture projecting apparatus. Operation of motion. J. Tavani. 2,011,919; Aug. 20.
- Picture projecting machine for exhibiting improved sound-on-film positive prints, Motion. A. J. Holman. 1,987,623; Jan. 15.
- Picture projection apparatus, Motion. L. Ranieri. 1,991,957; Feb. 19.
- Picture projector, Moving. C. J. Craig. 1,993,209; Mar. 5.
- Picture projector, Sound. O. M. Glunt. 2,023,581; Dec. 10.
- Picture projector, Talking motion. R. P. May. 1,987,406; Jan. 8.
- Picture pull down and shutter mechanism, Motion. J. Mihalyi. 2,011,342; Aug. 13.
- Picture pull-down, Motion. O. Wittel. 2,011,602; Aug. 20.
- Picture recording, reproducing, and the like, Apparatus for. G. W. Walton. 2,021,162; Nov. 19.
- Picture records, Method and apparatus for forming sound motion. O. A. Ross. 2,002,188; May 21.
- Picture reproducing machine, Sound and moving. J. W. Early. 2,022,108; Nov. 26.
- Picture screen, Talking motion. P. E. Edelman. 1,997,815; Apr. 16.
- Picture set, Sound. F. L. Hunt. 2,003,937; June 4.
- Picture, Stereoscopic motion. H. E. Ives. 2,012,995; Sept. 3.
- Picture strips, Method and apparatus for printing. E. R. Wolcott. 2,013,738; Sept. 10.
- Picture system, Sound. W. J. Albersheim. 2,003,029; May 28.
- Picture system, Sound. E. H. Smythe. 2,024,609; Dec. 17.
- Picture system, Synchronized talking system. O. E. Kellum. 1,997,300; Apr. 9.
- Picture transmission and reception system. C. W. Hough. 1,996,963; Apr. 9.
- Picture transmission, Apparatus for. R. Thun. 2,011,737; Aug. 20.
- Picture transmission system. F. L. Middelraad. 2,024,051; Dec. 10.
- Picture transmitting device. L. M. J. Loiseau. 1,997,371; Apr. 9.
- Pictures and sound records, Synchronizing motion. A. F. Victor. 2,018,043; Oct. 22.
- Pictures and the like, Apparatus for viewing. C. T. Godwin. 1,986,966; Jan. 8.
- Pictures, Apparatus for motion. M. Nystrom. 2,024,869; Dec. 17.
- Pictures, Apparatus for taking flash light. M. Schwartz. 1,997,315; Apr. 9.
- Pictures, Apparatus for telegraphically transmitting colored. A. A. Ahronheim. 2,004,359; June 11.
- Pictures, Composing. O. Schrickel. 2,019,093; Oct. 29.
- Pictures, Composite motion. F. W. Jackman. 2,004,986-7; June 18.
- Pictures, Composite motion. F. W. Jackman. 2,015,272; Sept. 24.
- Pictures, especially small photographic pictures, Apparatus for storing and observing. J. F. Koster. 1,989,454; Jan. 29.
- Pictures in colors, Producing photographic. B. Gaspar. 2,020,775; Nov. 12.
- Pictures, Method of and apparatus for producing composite. C. G. Briel. 2,025,327; Dec. 24.
- Pictures, Method and apparatus for producing and projecting sound-motion. E. Stern. 1,991,472; Feb. 19.
- Pictures, Method of and apparatus for projecting. L. C. Trempalla. 2,018,690; Oct. 29.
- Pictures, Method and apparatus for transmission of. M. D. McFarlane. 2,002,208; May 21.
- Pictures or scenes, Method and apparatus for telegraphically transmitting colored moving. A. A. Ahronheim. 2,004,360; June 11.
- Pictures, Producing. A. Miller. 2,020,901; Nov. 12.
- Pictures, Producing cinematographic three- and multi-color. G. Heymer. 2,001,250; May 14.
- Pictures, Producing composite. C. G. Briel. 2,020,820-1; Nov. 12.
- Pictures, Producing two-color or multi-color photographic. F. H. Müller. 2,007,283; July 9.
- Pictures, Production of colored photographic. F. Müller. 1,986,280; Jan. 1.
- Pictures, Projection of motion. H. E. Ives. 2,011,932; Aug. 20.
- Pictures, Transmission and reception of. R. D. Kell. 1,992,009; Feb. 19.
- Pie crust forming machine. C. F. Waterman. 1,991,588; Feb. 19.

- Pie cutter. J. B. Deutsch. 2,003,253; May 28.
 Pie or cake cutter. A. J. Scalise. 2,010,379; Aug. 6.
 Pie tin ring. L. A. Foreman. 2,025,680; Dec. 24.
 Pier connection. N. Chayes and R. Blum. 2,009,434; July 30.
 Piers and the like, Sinking cellular. D. E. Moran. 2,021,014; Nov. 12.
 Piezo-electric apparatus. H. E. Goldstine. 1,990,822; Feb. 12.
 Piezo-electric cell. K. Klingensporn. 2,024,737; Dec. 17.
 Piezo-electric crystal holder. L. L. Young and J. L. Finch. 1,994,740; Mar. 19.
 Piezo-electric crystal holder, Thermostatically controlled. H. O. Roosenstein. 2,018,321; Oct. 22.
 Piezo-electric device. I. F. Byrnes and H. R. Meahl. 1,996,569; Apr. 2.
 Piezo-electric device and producing same. C. B. Sawyer. 1,995,257; Mar. 19.
 Pigeon feeder. C. Hemstreet. 1,993,445; Mar. 5.
 Pigment. E. H. Bunce and G. F. A. Stutz. 1,986,183; Jan. 1.
 Pigment. F. A. Henglein and O. Nitzschke. 2,000,135; May 7.
 Pigment. C. A. Hochwalt. 2,000,842; May 7.
 Pigment. C. A. Thomas and C. A. Hochwalt. 2,000,050; May 7.
 Pigment and making the same. C. R. Park. 2,012,823; Aug. 27.
 Pigment and preparing the same. W. A. Adamson. 1,991,647; Feb. 19.
 Pigment dispersion. H. E. Stone. 2,021,949; Nov. 26.
 Pigment, Noncaking. C. Coolidge and H. S. Holt. 2,009,435-7; July 30.
 Pigment product. G. L. Collord. 2,013,602; Sept. 3.
 Pigments and dispersion thereof. J. D. Todd and M. Silverman. 1,986,029; Jan. 1.
 Pigments, Apparatus for the treatment of. H. A. Depew. 2,021,991; Nov. 26.
 Pigments from lead ores, Making. N. C. Christensen. 2,000,661; May 7.
 Pigments from lead ores, Making. N. C. Christensen. 2,018,438; Oct. 22.
 Pigments from paper containing lignocellulosic constituents, Removing bleachable. S. D. Wells. 1,992,977; Mar. 5.
 Pigments, Making. A. C. Elde. 1,997,925; Apr. 16.
 Pigments, Making white lead. N. C. Christensen. 1,992,191; Feb. 26.
 Pigments, Manufacture of. G. F. A. Stutz. 2,006,187; June 25.
 Pigments, Preparation of. A. E. Verbyla. 2,000,003; Apr. 30.
 Pigments to surfaces, Apparatus for applying. C. A. Wulf. 2,018,989; Oct. 29.
 Pigments, Treatment of. G. A. Stutz and H. A. Depew. 2,024,611; Dec. 17.
 Pile construction. K. Nolte. 2,020,795; Nov. 12.
 Pile driver. E. A. Pace and LaF. Pace. 2,014,631; Sept. 17.
 Pile driver. J. H. Thornley. 2,019,548; Nov. 5.
 Pile driver attachment for percussive tools. W. A. Smith, Jr. 1,986,296; Jan. 1.
 Pile driving apparatus. M. Schalscha. 2,005,564; June 18.
 Pile driving apparatus. H. J. Schorle. 2,006,561; July 2.
 Pile elevating mechanism. E. J. Brasseur. 1,989,911; Feb. 5.
 Pile fabric. L. L. Crabtree. 2,007,078; July 2.
 Pile fabric. F. W. Stolzenberg. 1,986,686; Jan. 1.
 Pile fabric. F. W. Stolzenberg. 1,989,535; Jan. 29.
 Pile fabric and making the same. M. G. Curtis. 1,989,441; Jan. 29.
 Pile fabric and method of and apparatus for weaving the same. J. Erkes. 1,992,862; Feb. 26.
 Pile fabric and method of weaving. H. L. Shuttleworth. 1,986,294; Jan. 1.
 Pile fabric and treating the same. H. Platt. 2,020,698; Nov. 12.
 Pile fabric and weaving the same. H. L. Shuttleworth. 1,991,179; Feb. 12.
 Pile fabric loom. E. J. Dacey. 2,021,406; Nov. 19.
 Pile fabrics, Making knitted. D. P. Moore. 1,994,482; Mar. 19.
 Pile fabrics, Method and apparatus for producing. W. D. Kellogg. 1,990,907; Feb. 12.
 Pile fabrics, Weaving. E. J. Dacey. 2,020,400; Nov. 12.
 Pile fabrics, Weaving. E. J. Dacey. 2,025,850; Dec. 31.
 Pile fabrics, Weaving. H. L. Shuttleworth. 1,990,674; Feb. 12.
 Pile head preserver. El. L. Bowen. 1,996,401; Apr. 2.
 Pile heads, Preserving. El. L. Bowen. 1,996,400; Apr. 2.
 Pile, Iron. E. Becker. 2,010,254; Aug. 6.
 Pile, Making double boomed sheet. H. Berve. 1,988,864; Jan. 22.
 Pile, Reinforced concrete. F. S. Snow and P. W. Hawkins. 2,011,459; Aug. 13.
 Pile, Twiggled. S. Kanamori. 2,008,307; July 16.
 Pile with enlarged base, Concrete. E. D. Watt. 2,007,668; July 9.
 Piles, Forming. H. E. Satre. 2,003,393; June 4.
 Piles, Protecting wooden. J. C. Meem. 1,987,073; Jan. 8.
 Pilger rolling mill. R. Ludwig. 2,005,657; June 18.
 Piling. O. Grave. 2,018,625; Oct. 22.
 Piling. S. Takechi. 2,008,521; July 16.
 Piling, Device for pulling sheet steel. G. I. Hockensmith. 2,006,949; July 2.
 Piling device for sheet mill tables. R. H. Stevens. 2,003,125; May 28.
 Piling, Interlocking sheet. J. B. Hughes. 2,020,315; Nov. 12.
 Piling, Interlocking sheet. M. Sachs. 2,006,721; July 2.
 Piling, Iron sheet. K. Willner. 2,016,064; Oct. 1.
 Piling, Repairing existing wood. J. K. Kershaw. 2,013,214; Sept. 3.
 Piling, Reverse angle interlock. A. Borberg. 2,004,188; June 11.
 Pill box. E. G. De Valera. 2,017,685; Oct. 15.
 Pilot, Automatic. S. D. Miteroff. 2,015,862; Oct. 1.
 Pilot for gas burners and the like, Safety. O. J. Leins. 2,006,958; July 2.
 Pilot, Hydropneumatic automatic. E. A. Sperry, Jr., B. G. Carlson, and M. F. Bates. 1,992,970; Mar. 5.
 Pilot light. V. R. Despard. 2,004,039; June 4.
 Pilot light. C. I. Matson. 1,994,860; Mar. 19.
 Pilot light. A. Stockstrom and J. G. Kosky. 2,015,766; Oct. 1.
 Pilot regulator attachment. R. C. Hughes. 2,016,234; Oct. 1.
 Pilot, Self-synchronous automatic. F. S. Hodgman. 2,015,183; Sept. 24.
 Pilot stem. E. A. Hall. 2,010,759; Aug. 6.
 Pilot valve. L. A. Mason. 1,998,553; Apr. 23.
 Pilot valve pressure controller. D. H. Annin. 1,991,309; Feb. 12.
 Pilot wrench. T. Purnis. 2,022,822; Dec. 3.
 Piloting device, Automatic. L. Constantin. 2,020,105; Nov. 5.
 Pin: See—
 Bearing pin. Lock barrel retaining pin.
 Cotter pin. Push pin.
 Dowel pin. Radio contact pin.
 Headed pin. Safety pin.
 Knitting pin.
 Pin. G. Boden. 2,019,210; Oct. 29.
 Pin. S. S. Krzeminski. 2,015,149; Sept. 24.
 Pin and crank, Positive lock wrist. R. N. Vickers. 2,015,978; Oct. 1.
 Pin and holder, Scarf. C. L. Trout. 2,002,195; May 21.
 Pin and spring therefor, Safety. V. G. Jones. 2,006,923; July 2.
 Pin feed platen roll. J. Q. Sherman. 2,000,649; May 7.
 Pin feed platen roll. J. Q. Sherman. 2,000,651; May 7.
 Pin for artificial teeth and producing same. J. O. Whiteley. 2,022,700; Dec. 3.
 Pin for die sets, Interchangeable leader. J. D. Carrier. 2,013,488; Sept. 3.
 Pin for routers, Adjustable stop. C. L. White and G. T. Johnson. 2,004,738; June 11.
 Pin opening device. R. B. Baker. 1,992,984; Mar. 5.
 Pin resetting mechanism for bowling alleys, Automatic. M. Thomas. 1,994,411; Mar. 12.
 Pin retaining device, Coupling. G. H. Hodges. 1,994,707; Mar. 19.
 Pin retaining means. H. W. Stertzbach, J. S. McPherson, and A. H. Filander. 2,004,300; June 11.
 Pin-setter, Automatic. E. Hedenskoog. 2,015,428; Sept. 24.
 Pin setter for bowling alleys, Automatic. A. R. Bentz. 2,017,143; Oct. 15.
 Pins, Device for supporting safety. F. G. Tillett. 2,009,909; July 30.
 Pins, Transferring. C. A. Flood. 2,014,726; Sept. 17.
 Pincer, Finger hair wave. R. G. Leland. 2,002,325; May 21.
 Pincers, Emasculating. L. Swanstrom. 2,009,302; July 23.
 Pinch bar mechanism for bag machines. G. W. Poppe. 2,016,047; Oct. 1.
 Pinch clamp. E. H. Fisher. 2,008,440; July 16.
 Pineapple in preparation for canning, Cutting. A. Horner. 2,023,810; Dec. 10.
 Pineapple juice, Refining. A. T. Scott. 1,994,670; Mar. 19.
 Pineapples and similar products, Canning. R. B. Taylor. 2,011,020; Aug. 13.
 Pinene-maleic anhydride reaction product, Producing a. E. R. Littmann. 1,993,035; Mar. 5.
 Pinion puller. F. L. Spuler and M. W. Edwards. 2,024,891; Dec. 17.
 Pinion shaft bearing. R. M. Riblet. 2,019,464; Oct. 29.
 Pinking appliance. J. Russell. 2,010,216; Aug. 6.
 Pinking attachment. E. Horn. 1,989,596; Jan. 29.
 Pinking machine. T. Crocella. 2,020,136; Nov. 5.
 Pinking machine. W. P. Niukkanen. 1,995,683; Mar. 26.
 Pintle closing device for loose leaf binders, Automatic. F. O. Unger. 2,018,333; Oct. 22.
 Pintle for hinges, Expanding. F. W. Becker and R. P. Kinsley. 2,004,561; June 11.
 Pipe: See—
 Butt-welding pipe. Heat exchanging pipe.
 Cast iron pipe. Smoking pipe.
 Drain pipe. Spray pipe.
 Dry bowl pipe. Tobacco pipe.
 Pipe. S. F. Bowles. 2,015,781; Oct. 1.
 Pipe. G. L. Faldine. 1,990,429; Feb. 5.
 Pipe. S. Guida. 2,015,521; Sept. 24.
 Pipe. H. R. Segal. 1,997,537; Apr. 9.
 Pipe. J. C. Shotton. 2,015,369; Sept. 24.
 Pipe. S. Szymczak. 1,993,122; Mar. 5.

- Pipe and coating therefor, Tobacco. M. A. Dorian and L. Roon. 2,025,811; Dec. 31.
- Pipe and like objects, Loading of. R. E. Marshall. 1,993,216; Mar. 5.
- Pipe and pneumatic transmission, Collapsible. A. Kuballe. 1,991,509; Feb. 19.
- Pipe and producing same, Oil well casing. T. M. Jasper. 1,993,842; Mar. 12.
- Pipe and protecting same. R. G. Yaxley. 2,006,226; June 25.
- Pipe and the like, Coating. C. S. McDonald, J. F. Putnam, and R. M. McHale. 1,988,628; Jan. 22.
- Pipe and tube cleaner. M. Remick. 2,011,323; Aug. 13.
- Pipe, Apparatus for cutting through the side wall of a. F. J. Hinderliter. 2,014,805; Sept. 17.
- Pipe, Apparatus for making welded. J. W. Free. 1,997,296; Apr. 9.
- Pipe, Apparatus for rolling. W. Bark, J. H. Schmidt, and J. V. Mazurie. 2,005,310; June 18.
- Pipe beading machine. R. Nelson. 2,024,803; Dec. 17.
- Pipe bend. E. G. Luening. 2,004,491; June 11.
- Pipe blanks from flat metal, Method and apparatus for forming heavy gauge. L. H. Park. 2,012,795; Aug. 27.
- Pipe, building tile, etc., for railway equipment, Loading of sewer. I. H. Spoor. 2,016,461; Oct. 8.
- Pipe cake remover, Smoking. A. N. Leonard. 2,021,150; Nov. 19.
- Pipe casting apparatus, Centrifugal. P. L. Arnold. 1,988,470; Jan. 22.
- Pipe casting apparatus, Centrifugal. P. L. Arnold. 1,988,471; Jan. 22.
- Pipe, Centrifugally casting. F. C. Langenberg and H. S. Hunt. 2,018,025; Oct. 22.
- Pipe clamp. E. M. Buchan. 2,009,042; July 33.
- Pipe clamp. J. S. Fons. 2,009,046; July 23.
- Pipe clamp. B. E. Gavin. 1,993,927; Mar. 12.
- Pipe cleaner. J. T. Burns. 1,994,209; Mar. 12.
- Pipe cleaning apparatus. H. Ford. 2,008,100; July 16.
- Pipe cleaning device, Drain. H. N. Wayne. 2,001,230; May 14.
- Pipe cleaning machine. C. G. Boone. 2,012,715; Aug. 27.
- Pipe cleaning machine. B. L. Colchensky. 2,012,716; Aug. 27.
- Pipe clearer, Drain. N. and C. I. Einhorn. 1,990,686; Feb. 12.
- Pipe coating apparatus. J. B. W. Gardiner and R. L. Mann. 2,014,378; Sept. 17.
- Pipe coating apparatus. A. G. Perkins. 1,988,329; Jan. 15.
- Pipe coating machine. S. M. Hudson. 2,016,201; Oct. 1.
- Pipe coil. R. K. Hopkins. 1,994,649; Mar. 19.
- Pipe connection and making same, Threadless. I. T. Hook. 2,003,488; June 4.
- Pipe connection, Flexible metal. C. A. Kiel. 1,988,385; Jan. 15.
- Pipe construction, Composite. J. A. Stadtfeld. 2,013,193; Sept. 3.
- Pipe construction, Reinforced. J. G. Prosser. 2,021,378; Nov. 19.
- Pipe coupler housing and applying same. F. W. Yeager. 2,024,559; Dec. 17.
- Pipe coupling. C. F. Ball. 1,991,343; Feb. 12.
- Pipe coupling. G. E. Blagg and R. F. Flintermann. 2,011,433; Aug. 13.
- Pipe coupling. W. B. Damsel. 2,014,313; Sept. 10.
- Pipe coupling. R. E. Fisher. 1,996,287; Apr. 2.
- Pipe coupling. C. W. Fletcher and H. R. Stone. 2,025,382; Dec. 24.
- Pipe coupling. C. I. Holmes. 1,992,485; Feb. 26.
- Pipe coupling. H. F. Johnson. 2,020,554; Nov. 12.
- Pipe coupling. M. P. Laurent. 2,025,112-13; Dec. 24.
- Pipe coupling. J. D. Pace. 2,005,631; June 18.
- Pipe coupling. J. F. Stephens. 2,005,056; June 18.
- Pipe coupling for scaffolds and the like. J. F. Köhnke. 2,017,626; Oct. 15.
- Pipe coupling, Train. H. F. Woernley. 2,004,644; June 11.
- Pipe couplings, Threading. T. C. Thomas and S. J. Sferra. 2,025,558; Dec. 24.
- Pipe cutter. W. F. Errig and G. M. Pfundt. 2,003,630; June 4.
- Pipe cutter. T. Petersen. 2,005,163; June 18.
- Pipe cutting apparatus. C. A. Mathey and C. B. Harter. 1,998,729; Apr. 23.
- Pipe cutting device. R. J. Williamson. 2,003,619; June 4.
- Pipe, Device for flaring. W. L. Belknap. 2,016,795; Oct. 8.
- Pipe elbow. D. W. Hickey. 2,003,538; June 4.
- Pipe, Electrically welding. W. Dudley. 2,005,579; June 18.
- Pipe ends, Apparatus for coating. J. Soyland. 2,011,659; Aug. 20.
- Pipe fitting. C. R. Birdsey and E. H. Taylor. 2,014,795; Sept. 17.
- Pipe fitting. E. S. Cornell, Jr. 2,005,969; June 25.
- Pipe fitting, Waste. H. J. Luff. 2,011,721; Aug. 20.
- Pipe fittings, Manufacturing. E. S. Cornell, Jr. 1,993,361; Mar. 5.
- Pipe fittings of integral tubular metal, Making elbow. E. S. Cornell, Jr. 2,002,470; May 21.
- Pipe flanging machine. W. B. Crockett. 2,004,313; June 11.
- Pipe for flush tanks, Drain. F. P. Heller. 1,989,859; Feb. 5.
- Pipe, for oil, essence, and the like, especially for aerial machines, Flexible. G. Tabozzi. 2,011,781; Aug. 20.
- Pipe for rock drills, Sand. C. C. Hansen. 2,006,829; July 2.
- Pipe for smoking. M. C. H. Jacquemin. 2,001,612; May 14.
- Pipe, Forming a spray. W. F. Dray. 2,015,394; Sept. 24.
- Pipe banding apparatus. C. S. Larson. 2,010,820; Aug. 13.
- Pipe joint. A. W. Claussen and H. G. Floyd. 2,009,650; July 30.
- Pipe joint. W. B. Damsel. 2,013,267; Sept. 3.
- Pipe joint. O. B. Mueller, H. K. Rader, W. H. Proctor, and P. L. Irving. 1,995,006; Mar. 19.
- Pipe joint. A. L. Schellhammer. 1,987,372; Jan. 8.
- Pipe joint. W. R. Smittle. 1,995,109; Mar. 19.
- Pipe joint. F. J. Spang. 2,017,994; Oct. 22.
- Pipe joint and constructing the same. H. W. Fletcher. 1,993,269; Mar. 5.
- Pipe joint and in fittings relating thereto, Screwed. F. G. Jones. 1,993,372; Mar. 5.
- Pipe joint assembly. P. D. Mallay. 1,988,694; Jan. 22.
- Pipe joint, Bolted. J. A. Perry. 2,010,769; Aug. 6.
- Pipe joint, Flexible. J. L. Berry. 2,009,308; July 23.
- Pipe joint or fitting, Threaded follower. G. H. Pfeifferle and C. E. Norton. 2,021,745; Nov. 19.
- Pipe joint sealing means. P. D. Merrill. 1,994,527; Mar. 19.
- Pipe joint, Vibration-proof. C. S. Gillette and H. B. Gregory. 2,024,215; Dec. 17.
- Pipe joints, Making. H. W. Kachel. 1,987,341; Jan. 8.
- Pipe joints, Protection of. R. G. Roberts. 2,024,602; Dec. 17.
- Pipe laying apparatus. A. E. Englebright. 1,993,366; Mar. 5.
- Pipe line. A. H. Riney, and L. T. Gibbs. 2,012,351; Aug. 27.
- Pipe line repair device, Hydraulic safety. H. H. Ice. 2,002,577; May 28.
- Pipe line swivel joint. R. P. Paradise. 2,010,886; Aug. 13.
- Pipe, Making wrought iron. E. B. Story and C. E. Gross. 2,004,138; June 11.
- Pipe manufacturing machine. G. Vianini. 2,011,463; Aug. 13.
- Pipe, Method of and apparatus for making seamed. J. J. Ingels. 2,025,750; Dec. 31.
- Pipe or drain cleaner, Waste. V. S. Parsley. 2,011,525; Aug. 13.
- Pipe or holder, Smoking. F. L. Warnke. 1,989,069; Jan. 22.
- Pipe or rod fitting. F. H. Mueller. 1,956,346; Apr. 2.
- Pipe painting machine. G. Dougherty. 2,017,042; Oct. 15.
- Pipe perforator. O. J. McCullough. 2,012,314; Aug. 27.
- Pipe plugging device. P. G. Wagner. 1,997,878; Apr. 16.
- Pipe protector. J. White. 1,987,810; Jan. 15.
- Pipe section and making same, Sheet metal. R. A. Walker. 2,009,568; July 30.
- Pipe slip joint. J. R. Jahn. 1,985,899; Jan. 1.
- Pipe stem and the like. R. F. Darnell. 2,006,793; July 2.
- Pipe T. Sheet metal. L. Kuehn. 1,992,312; Feb. 26.
- Pipe tamper. J. C. Anderson. 2,003,416; June 4.
- Pipe tap, Collapsible. A. E. Drissner and W. J. Hogg. 2,024,278; Dec. 17.
- Pipe testing machine. J. J. Boax and J. A. Miller. 2,017,393; Oct. 15.
- Pipe testing mechanism. A. E. Weckerly. 1,994,675; Mar. 19.
- Pipe thread protector. B. Engstrom. 2,022,189; Nov. 26.
- Pipe trimming apparatus. W. B. Meglitz. 1,993,561; Mar. 5.
- Pipe trimming device. J. W. Free. 2,009,884; July 30.
- Pipe truing tool. W. B. Wilson. 2,023,657; Dec. 10.
- Pipe vise. T. Petersen. 2,005,161; June 18.
- Pipe vise gripping members. T. Petersen. 2,005,162; June 18.
- Pipe wrapping apparatus. E. L. Rolfs and C. W. Fuller. 1,990,711; Feb. 12.
- Pipe wrapping machine. J. Coleman and F. Swall. 2,011,172; Aug. 13.
- Pipe wrapping machine. D. Finley. 1,999,151; Apr. 23.
- Pipe wrapping machine. C. T. Lloyd. 1,990,237; Feb. 5.
- Pipe wrapping machine. L. S. Rosener and E. Birk. 1,998,908; Apr. 23.
- Pipe wrapping machine. L. S. Rosener. 1,998,909-11; Apr. 23.
- Pipe wrench. J. W., S. W., and I. W. Bauman. 1,999,076; Apr. 23.
- Pipe wrench. L. Briles. 2,015,782; Oct. 1.
- Pipe wrench. N. G. Rector. 2,004,830; June 11.
- Pipes and conduits, Protecting underground. V. A. Grodsky. 2,007,969; July 16.
- Pipes and tubes, Apparatus for manufacturing seamless. J. E. Jackson. 1,994,713; Mar. 19.
- Pipes and tubes, Apparatus for reducing the diameter of the ends of. J. W. Offutt. 1,994,725; Mar. 19.
- Pipes and tubes, Apparatus for the manufacture of. B. Bannister. 2,025,148; Dec. 24.
- Pipes and tubes, Method and apparatus for manufacturing seamless. B. Bannister. 2,017,388; Oct. 15.
- Pipes, Apparatus for emptying and cleaning beer and other. A. Josepowitz. 2,016,926; Oct. 8.
- Pipes, Attachment for smokers'. J. J. Stark. 2,010,164; Aug. 6.

- Pipes, Device for cleaning and flushing. F. Burkett and E. Taylor. 2,014,037; Sept. 10.
- Pipes in situ with cement mortar, Apparatus for lining. G. Haskins and S. T. Farnsworth. 2,026,470; Dec. 31.
- Pipes, Joining. G. E. Kershaw. 1,990,077; Feb. 5.
- Pipes, Making coated. L. H. Wilson. 1,986,696; Jan. 1.
- Pipes, Method and apparatus for treating. K. T. Pott-hoff. 1,997,013; Apr. 9.
- Pipes, Method of and apparatus for lining metal. J. R. McWane. 2,002,701; May 28.
- Pipes or tubes, Apparatus for manufacturing. J. L. Suss-man. 2,024,485; Dec. 17.
- Pipes, Producing concrete. A. L. Braden. 2,009,604; July 30.
- Piping and making and applying same. C. Seaman. 2,020,478; Nov. 12.
- Piping arrangement. C. R. Hardy. 1,990,073; Feb. 5.
- Piping, wetting or the like, Manufacturing. A. W. Rock-wood. 2,001,693; May 14.
- Piperidine derivatives and producing them. S. M. McEl-vain. 1,997,828; Apr. 16.
- Pipette, Gas absorption. M. P. Matuszak. 2,001,581; May 14.
- Pistol for distributing advertising projectiles. M. O. Clauss. 2,019,894; Nov. 5.
- Pistols, Auxiliary device for. O. Hasselmann. 1,989,448; Jan. 29.
- Piston. A. L. R. Bernard. 2,024,269; Dec. 17.
- Piston. H. B. Chaffin. 2,012,956; Sept. 3.
- Piston. B. Dick. 2,003,071; May 28.
- Piston. A. Flower. 2,007,495; July 9.
- Piston. F. Jardine. 2,012,467; Aug. 27.
- Piston. H. H. Kistner. 2,002,606; May 28.
- Piston. E. Mahle. 1,986,480; Jan. 1.
- Piston. J. Mercier. 2,012,049; Aug. 20.
- Piston. S. E. Meyer. 2,020,426; Nov. 12.
- Piston. A. L. Nelson. 1,990,496; Feb. 12.
- Piston. A. L. Nelson. 1,995,746; Mar. 26.
- Piston. A. L. Nelson. 2,006,008-9; June 25.
- Piston. F. N. Nutt. 2,003,459; June 4.
- Piston. W. A. Oubridge. 2,024,053; Dec. 10.
- Piston. L. J. Tetlow. 2,022,224; Nov. 26.
- Piston. G. Wagner. 2,005,702; June 18.
- Piston. J. L. Welch. 2,009,243; July 23.
- Piston, Adjustable. K. A. Clark. 1,990,815; Feb. 12.
- Piston and making same, Composite. M. O. Teetor. 2,007,839; July 9.
- Piston and making the same. Z. Jeffries and L. W. Kempf. 2,024,767; Dec. 17.
- Piston and packing ring structure. B. Young. 1,998,915; Apr. 23.
- Piston and piston ring structure. F. J. Corrigan. 2,009,766; July 30.
- Piston and ring. C. B. Welch. 2,003,764; June 4.
- Piston assembly. R. C. McAllister. 2,000,970; May 14.
- Piston centralizing means. H. P. Phillips. 2,007,691; July 9.
- Piston construction. V. R. Johnson. 2,017,662; Oct. 15.
- Piston construction. S. E. Meyer. 1,994,861; Mar. 19.
- Piston construction and ring. B. H. Canady and C. J. Wiley. 2,011,674; Aug. 20.
- Piston construction for internal combustion engines. J. T. Brubaker. 2,023,513; Dec. 10.
- Piston driving mechanism. R. Chilton. 1,997,279; Apr. 9.
- Piston expander. M. J. Burkel. 2,014,645; Sept. 17.
- Piston expander. C. F. Johnston. 2,010,518; Aug. 6.
- Piston expander. O. L. Ullvang. 1,988,707; Jan. 22.
- Piston, Expandable. C. S. Johnston. 2,005,373; June 18.
- Piston, Expandable. O. C. Palmer. 2,026,098; Dec. 31.
- Piston for fluid meters, Oscillating. R. H. Smith. 2,016,347; Oct. 8.
- Piston for hydraulic brakes. W. Leuschner. 2,022,599; Nov. 26.
- Piston for hydraulic cylinders. T. F. Spicknall. 2,014,819; Sept. 17.
- Piston for internal combustion engines. W. Borrmann, and F. Ahrens. 2,012,373; Aug. 27.
- Piston for internal combustion engines. F. G. Godsell. 2,012,874; Aug. 27.
- Piston for internal combustion motors. E. C. Long. 2,017,348; Oct. 15.
- Piston for internal combustion motors. E. C. Long. 2,017,630; Oct. 15.
- Piston, Hydraulic. F. J. Weller. 1,990,393; Feb. 5.
- Piston. Internal combustion engine. E. C. Long. 2,016,379; Oct. 8.
- Piston lift for pumping of liquids. E. K. Burgher. 2,001,012; May 14.
- Piston, Light metal. K. F. Wagner. 2,024,958; Dec. 17.
- Piston, Locomotive. T. V. Buckwalter. 1,995,836; Mar. 26.
- Piston machine, Revolving. A. Calzoni. 2,016,315; Oct. 8.
- Piston meter. W. H. Parker. 1,986,747; Jan. 1.
- Piston meter. W. H. Parker and N. J. Seibert. 2,003,901; June 4.
- Piston mold apparatus. D. Sulprizio. 2,015,975; Oct. 1.
- Piston packing. E. C. Horton and A. Rappl. 2,012,817; Aug. 27.
- Piston packing. H. Maller. 2,006,901; July 2.
- Piston pump, Double acting. J. M. Sharp. 2,011,304; Aug. 13.
- Piston pump, Hydraulically operated. E. T. Jäderblom. 2,008,760; July 23.
- Piston, Reciprocatory. M. O. Tanner and W. L. Aiken. 2,009,303; July 23.
- Piston ring. H. F. Bedwell. 2,001,119; May 14.
- Piston ring. R. Borgfeldt. 2,021,830; Nov. 19.
- Piston ring. A. Boudreau and P. L. Cobbins. 1,997,714; Apr. 16.
- Piston ring. A. P. Fall. 1,999,233; Apr. 30.
- Piston ring. C. E. Johnson. 1,996,998; Apr. 9.
- Piston ring. J. C. Leonard. 1,999,466; Apr. 30.
- Piston ring. T. Madsen. 2,014,501; Sept. 17.
- Piston ring. S. C. Newson. 1,987,840; Jan. 15.
- Piston ring. F. Pachinger, A. H. Otersen, and D. Helmer. 2,024,804; Dec. 17.
- Piston ring. C. N. Teetor. 2,012,324; Aug. 27.
- Piston ring. W. B. Towell. 1,994,491; Mar. 19.
- Piston ring. V. F. Zahodiakin. 1,999,494; Apr. 30.
- Piston ring end cutting machine. H. P. Phillips. 2,014,812; Sept. 17.
- Piston ring expander. C. E. Anderson. 1,995,165; Mar. 19.
- Piston ring expander. L. M. Brannan. 2,025,335; Dec. 24.
- Piston ring expander. C. E. Johnson. 1,989,987; Feb. 5.
- Piston ring expander. H. Teetor. 2,025,334; Dec. 24.
- Piston ring expander and compressor. C. Oberosler. 2,012,200; Aug. 20.
- Piston ring-groove scraper and groove deepener. C. D. Stromgren. 2,018,930; Oct. 29.
- Piston ring quality indicator. V. T. Zahodiakin. 2,018,106; Oct. 22.
- Piston spreader. C. E. Johnson. 2,017,312; Oct. 15.
- Piston ring squeezer. J. J. Bouchard. 1,997,852; Apr. 16.
- Piston structure. H. S. Frank. 2,016,896; Oct. 8.
- Piston, Ringless sleeve. J. C. Stong and J. W. Peterson. 1,999,644; Apr. 30.
- Piston rings and the like, Manufacture of. W. A. Oubridge. 1,997,534; Apr. 9.
- Piston rings, Making. C. E. Johnson. 1,988,738; Jan. 22.
- Piston rings, Making. W. Wueref. 1,996,603; Apr. 2.
- Piston rings, Making. W. Wueref. 2,021,572; Nov. 19.
- Piston rings, Making sealed joint. H. M. Olson. 1,987,866; Jan. 15.
- Piston rings, Method of heat treating. C. L. Lee. 2,014,440; Sept. 17.
- Piston rod. G. D. Johnson. 2,025,288; Dec. 24.
- Piston rod connection. E. C. Lewis. 1,995,570; Mar. 26.
- Piston rod connection. C. E. Meiker. 1,997,884; Apr. 16.
- Piston rod for liquid-cooled pistons. H. Steiner. 2,008,884; July 23.
- Piston sand core. F. Jardine. 2,004,661; June 11.
- Piston sealing means. R. I. Bodenlos. 2,015,585; Sept. 24.
- Piston skirt adjuster. A. F. and D. M. Yoder. 2,024,620; Dec. 17.
- Piston skirt expander. J. Kourimsky. 2,024,457; Dec. 17.
- Piston skirt expander. R. W. Paton. 2,023,613; Dec. 10.
- Piston skirt expander. D. M. Solenberger. 2,023,035; Dec. 3.
- Piston skirt expander. R. R. Teetor. 1,997,023; Apr. 9.
- Piston skirt expander. R. R. Teetor. 2,000,106; May 7.
- Piston spreader. C. E. Johnson. 1,993,997; Mar. 12.
- Piston spreader. C. E. Johnson. 2,015,273; Sept. 24.
- Piston. Thermostatic. A. Vang and J. A. Kienle. 2,022,905; Dec. 3.
- Piston, Trunk. J. Flammang and P. L. Bowser. 1,998,277; Apr. 16.
- Piston truss, Metered. Z. A. Bruegger. 1,991,655; Feb. 19.
- Pistons, Apparatus for making. A. A. Handler. 2,024,286; Dec. 17.
- Pistons. Device for expanding. G. B. Luse. 2,002,821; May 28.
- Pistons in internal combustion engines, Apparatus for stabilizing the movement of opposed. R. P. Pescara. 2,007,305; July 9.
- Pistons, Making. A. A. Handler. 2,024,285; Dec. 17.
- Pit covers, Apparatus for moving soaking. C. H. Mas-teller. 2,021,866; Nov. 19.
- Pitch adjusting means for propellers. J. Squires. 2,008,191; July 16.
- Pitch change control. C. K. Greene. 2,022,499; Nov. 26.
- Pitch propeller, Adjustable. J. Squires. 2,013,930; Sept. 10.
- Pitch propeller, Automatic variable. S. A. Reed. 2,008,771; July 23.
- Pitch propeller, Automatic variable. L. M. Taylor. 2,000,049; May 7.
- Pitch propeller, Controllable. H. A. Fletcher. 2,001,189; May 14.
- Pitch propeller, Controllable. R. M. Stanley. 1,986,229; Jan. 1.
- Pitch propeller mechanism, Variable. J. R. Zipay. 1,998,152; Apr. 16.
- Pitch propeller, Variable. L. F. Castro. 1,990,814; Feb. 12.
- Pitch propeller, Variable. E. L. Coates. 2,020,239; Nov. 5.
- Pitcher drainage frame. C. H. Miller. 1,997,529; Apr. 9.
- Pitcher, Nondrip. G. W. H. Langewisch. 2,014,685; Sept. 17.
- Pitman. A. L. Durham. 1,992,743; Feb. 26.
- Pitman bearing. L. B. Pickett. 2,010,197; Aug. 6.
- Pitman box. A. M. Richardson. 1,999,916; Apr. 30.
- Pitter, Peach. A. R. Thompson. 2,022,792; Dec. 3.

- Pitter, Split peach. A. R. Thompson. 2,023,037; Dec. 3.
 Pitting implement. A. R. Mellor. 1,994,366; Mar. 12.
 Placard. A. Alfano. 2,001,928; May 21.
 Place-card tally. A. L. Bower. 2,016,767; Oct. 8.
 Placer mining machine. B. A. and E. C. Toothaker. 2,022,303; Nov. 26.
 Placer mining, Method and apparatus for. G. A. Macready. 1,996,771; Apr. 9.
 Plain bearing. G. Bühler. 1,986,040; Jan. 1.
 Plain bearing. W. Peineke, K. Reschke, and H. Dietzius. 2,014,584-5; Sept. 17.
 Plait for sport coats and the like. R. Karasic. 1,986,110; Jan. 1.
 Plaiting machine. E. Skedden. 2,018,387; Oct. 22.
 Plaiting mechanism. J. Bruder and H. D. Boyd. 2,022,184; Nov. 26.
 Planar reproduction of surface formations such as the soles of human feet, Device for the. E. Matthias. 2,010,407; Aug. 6.
 Plane, Variable incidence. A. C. Peterson. 2,004,214; June 11.
 Planer or drag, Road. F. E. Arndt. 2,012,463; Aug. 27.
 Planer, Road. W. J. Beatty. 2,004,154; June 11.
 Planetary cutting machine. O. D. McFarland. 2,008,029; July 16.
 Planimeter. L. H. Hounsfield. 1,988,357; Jan. 15.
 Planimeter. J. A. Weishampel. 1,994,843; Mar. 19.
 Planing machine. F. H. Jennings. 2,000,394; May 7.
 Planographic plates, composition therefor, and resulting product, Etching. W. B. Wescott. 2,003,268; May 28.
 Planographic printing element. B. L. Sites. 2,020,479; Nov. 12.
 Plant activating device. T. Fay. 1,988,307; Jan. 15.
 Plant ball package. J. T. Lovett, Jr. 1,988,691; Jan. 22.
 Plant container. L. H. Elmer. 2,017,308; Oct. 15.
 Plant container. H. W. Wolcott. 1,994,553; Mar. 19.
 Plant dusting machine. C. Mackintosh. 2,014,392; Sept. 17.
 Plant for conveying liquids. E. Rieger. 2,014,127; Sept. 24.
 Plant holder. E. C. Thompson. 2,016,732; Oct. 8.
 Plant package. H. P. Mulford. 1,994,400; Mar. 12.
 Plant package and making the same. V. L. Rushfeldt. 1,994,962; Mar. 19.
 Plant package in box. R. F. Wedge. 1,991,478; Feb. 19.
 Plant propagator, etc., or aquarium. G. Wernicke and A. R. Lintern. 2,002,380; May 21.
 Plant protective process and material. C. H. Hunsaker. 1,995,853; Mar. 26.
 Plant protector. J. W. Genuit. 2,015,471; Sept. 24.
 Plant protector. J. C. Hart. 2,014,175; Sept. 10.
 Plant protector. R. E. Husted. 1,987,255; Jan. 8.
 Plant roots from soil, Apparatus for separating. J. Albrecht. 1,997,564; Apr. 16.
 Plant support. K. F. Aldridge. 2,011,990; Aug. 20.
 Plant support. W. E. Balousek. 2,000,911; May 14.
 Plant support. L. Goldberg. 2,004,983; June 18.
 Plant support. T. H. Lay. 2,009,668; July 30.
 Plant support. S. L. Starkey. 2,024,546; Dec. 17.
 Plant thinning apparatus. S. M. Black. 1,986,996; Jan. 8.
 Planter. C. Blaschke. 1,988,618; Jan. 22.
 Planter. C. H. White. 2,023,655; Dec. 10.
 Planter and fertilizer distributor. M. H. Tuft. 2,001,003; May 14.
 Planter and fertilizer, Seed. O. F. McKee. 1,990,795; Feb. 12.
 Planter attachment for tractors. J. R. Oreilind. 2,004,416; June 11.
 Planter, Combined seed. E. Wehrhan. 1,994,552; Mar. 19.
 Planter, Corn. G. D. Houston. 1,992,427; Feb. 26.
 Planter, Hill drop. L. V. Kingsbury. 1,986,975; Jan. 8.
 Planter, Lister. H. E. Altgelt. 2,001,560; May 14.
 Planter, Seed. J. O. Hazard. 1,993,169; Mar. 5.
 Planter, Seed. H. J. McDonough. 1,994,196; Mar. 12.
 Planter, Seed. C. T. Ray. 2,024,778; Dec. 17.
 Planter, Self-propelled. A. A. Scarlett. 2,010,110; Aug. 6.
 Planter, Wireless corn. E. C. Bliss. 2,011,841; Aug. 20.
 Planting attachment for tractor cultivators. B. R. Benjamin. 2,015,584; Sept. 24.
 Planting implement. J. A. De Wasme. 2,005,518; June 18.
 Planting machine. L. and B. Poll. 2,003,390; June 4.
 Planting machine. I. Pomieraniec. 2,009,785; July 30.
 Plants, Draining potted. R. E. Brandell. 1,996,898; Apr. 9.
 Plants from desiccation, Protection of. E. J. Miller. 2,013,063; Sept. 3.
 Plants from ordinary vegetable plants, Developing ornamental. M. Uyematsu. 2,002,164; May 21.
 Plaque. J. V. Cavalero. 2,003,824; June 4.
 Plaster and making the same, Gypsum. C. K. Ross. 1,999,158; Apr. 23.
 Plaster and the like. G. O. Case. 2,016,986; Oct. 8.
 Plaster bandage. H. M. Weber. 2,009,597; July 30.
 Plaster board into a drying kiln, Apparatus for feeding. C. Absmeier. 2,000,269; May 7.
 Plaster board, Self-furring. F. A. Manske. 1,995,393; Mar. 26.
 Plaster composition. M. Omansky. 2,001,311; May 14.
 Plaster composition and working the same. K. H. Crutchfield. 2,000,927; May 14.
 Plaster compositions and making the same. J. E. Meade and E. W. Nystrom. 2,012,069; Aug. 20.
 Plaster frame for wall registers or grilles. H. S. Covel. 2,011,797; Aug. 20.
 Plaster from plate glass tables, Apparatus for removing. H. S. Heichert. 2,015,797; Oct. 1.
 Plaster, Gypsum. G. D. King. 1,989,641; Jan. 29.
 Plaster or tile and making the same, Acoustic. N. M. Bernier. 2,005,069; June 18.
 Plaster, Producing wall. E. P. Schoch. 1,989,712; Feb. 5.
 Plaster reinforcing for curved surfaces. E. F. Thayer. 1,999,426; Apr. 30.
 Plaster wall, Interior. E. Roberts. 1,998,907; Apr. 23.
 Plastering construction. C. O. Walper. 2,021,036; Nov. 12.
 Plastering machine. J. A. Blanken. 1,995,414; Mar. 26.
 Plasters, Making corn. G. H. Perryman. 1,995,076-7; Mar. 19.
 Plasters, Manufacture of. V. Lefebure. 1,986,001; Jan. 1.
 Plastic articles, Curing. H. C. Lord. 1,997,908; Apr. 16.
 Plastic composition. M. J. Batelja. 2,025,369; Dec. 24.
 Plastic composition. W. A. Lazier. 2,017,070; Oct. 15.
 Plastic composition. J. J. Martin. 2,004,956; June 18.
 Plastic composition and doll's head carrying same. J. O. Barker. 2,024,124; Dec. 10.
 Plastic composition and making the same. H. L. Grupe and R. H. Kienle. 2,018,492; Oct. 22.
 Plastic composition and making the same. M. C. Reed. 1,989,246; Jan. 29.
 Plastic compositions. H. B. Dykstra and W. E. Lawson. 2,021,121; Nov. 12.
 Plastic, elastic, flexible substances and making them. J. C. Patrick. 1,996,487; Apr. 2.
 Plastic impression material. L. E. Harrison. 2,021,058; Nov. 12.
 Plate locking device. H. A. W. Wood. 2,021,974; Nov. 26.
 Plastic luting composition. E. C. Johnson. 1,999,175; Apr. 30.
 Plastic, Manufacture of decorative. A. T. Bailey. 1,994,164; Mar. 12.
 Plastic masses and making same. W. Kraus. 2,002,540; May 28.
 Plastic masses containing alcohol soluble polymerized vinyl compounds and preparing same. W. O. Herrmann and W. Haehnel. 1,997,489; Apr. 9.
 Plastic material, capable of being hardened, Manufacture of a. H. Fritz and E. Glaser. 1,998,667; Apr. 23.
 Plastic material dispenser. F. K. Schneider. 1,986,166; Jan. 1.
 Plastic material manufacture, Apparatus for. D. Brown. 1,987,359; Jan. 8.
 Plastic material manufacture, Method and apparatus for. L. C. Bonnot. 1,987,358; Jan. 8.
 Plastic material, Method and apparatus for calendaring. F. D. Fowler. 1,998,866; Apr. 23.
 Plastic material, Method of and apparatus for handling and stamping. H. Heitlage. 2,015,798; Oct. 1.
 Plastic materials. W. Schrauth. 2,002,800; May 28.
 Plastic materials, Apparatus for mixing and kneading. E. G. Loomis. 1,990,555; Feb. 12.
 Plastic materials by means of a vibrating roller, Apparatus for consolidating. R. W. Bailly and R. B. Gage. 2,025,703; Dec. 31.
 Plastic materials, Manufacture of. H. Dreyfus. 1,999,405; Apr. 30.
 Plastic materials, Recovery of ingredients of. H. R. McDougal. 2,005,381; June 18.
 Plastic molding apparatus. R. L. Seabury. 1,991,706; Feb. 19.
 Plastic, Olefine-polysulphide. J. C. Patrick. 1,990,202-3; Feb. 5.
 Plastic substances and product obtained thereby, Making. J. C. Patrick. 1,996,486; Apr. 2.
 Plastic substances, Packaging. H. Rumsey, Jr. 2,008,837; July 23.
 Plastic, viscous, or semi-fluid materials from flexible tubes, Device for extracting. J. S. Martin. 2,013,471; Sept. 3.
 Plasticizers from film scrap and like materials, Recovery of. M. J. Reid. 1,994,591; Mar. 19.
 Plastics, Positioning. S. S. Dodds and J. D. French. 1,993,775; Mar. 12.
 Plate and armature bar for the same, Armed wooden. J. B. Een. 2,004,553; June 11.
 Plate and making the same, Printing. E. J. Wright. 2,024,840; Dec. 17.
 Plate, Baking and searing. A. O. Samuels. 2,026,236; Dec. 31.
 Plate clamp for printing machines. A. Lundquist and A. G. H. Andersen. 1,995,994; Mar. 26.
 Plate for electrical devices, Wall. M. Guett. 2,012,875; Aug. 27.
 Plate for printing purposes, Preparing a. C. W. Bennett. 1,990,925; Feb. 12.
 Plate for signs, Day and night illuminated. J. M. Moore. 2,003,089; May 28.
 Plate gangs for multicolor printing, Device for forming. B. F. Heck. 2,000,755; May 7.
 Plate gangs for multi-color printing, Forming. B. F. Heck. 2,000,756; May 7.
 Plate, Gas saving. A. Sussman. 1,995,591; Mar. 26.
 Plate, Heel protecting. S. Carelli. 2,017,038; Oct. 15.
 Plate holddown. C. J. Dunzweiler. 1,992,817; Feb. 26.
 Plate, Hot. R. B. McLeod. 1,989,284; Jan. 29.
 Plate rectifier, Dry. W. C. van Geel and H. Emmens. 1,999,551; Apr. 30.
 Plate registering hook, Printer's. C. F. Dausmann. 2,012,808; Aug. 27.

- Plate, Sadiron sole. M. W. McArdle and J. W. Lynch. 1,995,035; Mar. 19.
- Plate steel head cover. R. E. B. Sharp. 1,987,082; Jan. 8.
- Plated articles, Marking. G. E. Barnhart. 1,996,187; Apr. 2.
- Platen and type bars therefor, Dual. A. C. Buehler. 2,019,442; Oct. 29.
- Platen, etc., for typewriting and like machines. C. T. Dickey. 2,008,438; July 16.
- Platen printing press. A. Büttner. 1,995,563; Mar. 26.
- Platen printing press. H. Honigman. 2,004,149; June 11.
- Platen printing press. L. R. Johnson. 2,004,812; June 11.
- Platen printing press. E. J. Young. 2,004,148; June 11.
- Platen roll for writing machines. A. W. Metzner. 2,012,282; Aug. 27.
- Platter or dish, Food. M. H. Levi. 2,008,619; July 16.
- Plates and the like, Apparatus for manufacturing. J. E. Lose. 2,005,152; June 18.
- Plates, Apparatus for and process of coating. W. C. Huebner. 2,021,485; Nov. 19.
- Plates, Apparatus for forming. G. R. Haub. 2,001,460; May 14.
- Plates, dishes, and the like, Making pressed. R. E. Rutledge. 2,014,815; Sept. 17.
- Plates onto a conveyor, Device for feeding. J. F. Kohler. 2,000,761; May 7.
- Plates suitable for use as accumulator electrodes, Production of metallic. E. Thoraus and L. Schlecht. 1,988,861; Jan. 22.
- Plates, wires, and the like, Device for straightening. K. Hack. 2,018,400; Oct. 22.
- Platform. A. M. Barrett. 1,993,237; Mar. 5.
- Platform, Diving and life saving. L. Giliasso. 1,994,640; Mar. 19.
- Plating of metals with alloys, Surface. M. Fiedler. 1,998,496; Apr. 23.
- Plating, Reverse. J. H. and H. Booton. 2,001,653; May 14.
- Platinum catalysts, Regeneration of. E. S. Ridler. 2,006,221; June 25.
- Platinum contact mass containing promoter and making same. G. C. Connolly and J. A. Pierce. 2,005,412; June 18.
- Platinum contact masses, Treatment of. E. S. Ridler. 2,006,222; June 25.
- Platinum metal amino cyanide plating bath and process for electrodeposition of platinum metal therefrom. E. M. Wise. 1,991,995; Feb. 19.
- Platinum metals, Electrodeposition of. A. R. Raper. 1,993,623; Mar. 5.
- Play and sport, Apparatus for. R. Heimers. 1,991,459; Feb. 19.
- Playing card holder. A. Deinstein. 1,996,234; Apr. 2.
- Playing court. J. F. Gallagher. 2,024,158; Dec. 17.
- Pliers and test light, Combination fuse pulling. J. J. Dante. 2,023,916; Dec. 10.
- Plotting and computing device. P. Dalton. 2,013,603; Sept. 3.
- Plotting board. S. L. Kiser. 1,995,308; Mar. 26.
- Plow. R. M. Elmore. 2,008,692; July 23.
- Plow. J. T. Gantt. 2,021,547; Nov. 19.
- Plow. R. L. Gurley. 2,002,059; May 21.
- Plow. N. F. Nordstrom. 2,002,751; May 28.
- Plow. O. C. Roby. 1,987,268; Jan. 8.
- Plow. A. E. Rutter. 2,016,518; Oct. 8.
- Plow. L. H. Smith. 2,014,456; Sept. 17.
- Plow. C. G. Strandlund. 2,012,458; Aug. 27.
- Plow. C. G. Strandlund. 2,017,872-3; Oct. 22.
- Plow, Ditching. R. G. Le Tourneau. 2,018,138; Oct. 22.
- Plow for electrical signaling of railways. C. V. de Saint-Martin. 2,003,209; May 28.
- Plow hitch. E. E. Bowen. 1,988,157; Jan. 15.
- Plow hitch. H. Tonjes, Jr. 1,998,032; Apr. 16.
- Plowshare. C. B. Jacobsen. 2,015,016; Sept. 17.
- Plowshare attachment. G. M. Reynolds. 2,016,578; Oct. 8.
- Plowshare blade. I. A. Wannemacher. 1,992,791; Feb. 26.
- Plowshares, Making. H. Bornstein. 1,989,967; Feb. 5.
- Plow shares, Making. H. J. Hasson. 2,016,089; Oct. 1.
- Plowshares, Making. N. C. Rendleman. 1,994,287; Mar. 12.
- Plow shares, Sharpening and repointing. L. O. Wiese. 2,013,818; Sept. 10.
- Plows and the like, Attachment for. W. A. Martin. 1,989,521; Jan. 29.
- Plows, Indicating attachment for. G. V. Kugel. 2,023,053; Dec. 3.
- Plug—
Anchor plug.
Attachment plug.
Blasting plug.
Cementing plug.
Connector plug.
Electrical appliance plug.
Electric cord plug.
Electric plug.
Electric spark plug.
Electric swivel plug.
Electrical connector plug.
Electrical plug.
Electrical safety plug.
Flash plug.
Fuse plug.
Fusible plug.
- Glow plug.
Grouting plug.
Multiple fuse plug.
Nonspillable vent plug.
Repair plug.
Retainer plug.
Safety plug.
Sash cord holding plug.
Screwless plug.
Socket plug.
Spark plug.
Survey plug.
Switch plug.
Test plug.
Well plug.
- Plug. L. A. Sharp. 2,025,533; Dec. 24.
- Plug and connection holder, Electric. R. H. Hoskins. 2,024,734; Dec. 17.
- Plug and forming same, Closure. R. L. Parish. 1,999,205; Apr. 30.
- Plug and plug receptacle. A. J. Godare. 1,990,687; Feb. 12.
- Plug and receptacle, Attachment. W. K. Mess. 2,003,948; June 4.
- Plug and socket closure for wash basins, baths, sinks, and other receptacles. G. M. Fergusson. 1,993,321; Mar. 5.
- Plug and socket, Electric. H. P. Hastings. 2,002,177; May 21.
- Plug and switch, Combination. M. B. Sawyer. 2,022,155; Nov. 26.
- Plug and vacuum cup, Combination sink. J. Yozewitch. 2,000,206; May 7.
- Plug cap, Attachment. G. B. Benander. 1,992,806; Feb. 26.
- Plug cap, Attachment. G. W. Lieberum. 1,995,151; Mar. 19.
- Plug cleaning device, Spark. H. Rabezzana and A. J. Battey. 2,001,886-7; May 21.
- Plug cleaning device, Spark. R. R. Shelton. 1,987,374; Jan. 8.
- Plug closure, Removable. D. G. Brandt. 1,999,534; Apr. 30.
- Plug flange for barrel heads. D. W. Curtis and R. T. Corey. 2,008,245; July 16.
- Plug for air brakes, Chokey. L. A. Safford. 2,025,905; Dec. 31.
- Plug for electrical appliances, Automatic control. D. B. Scoville. 1,994,537; Mar. 19.
- Plug for fixing electric wiring on walls, Isolating. A. Hempel. 1,992,073; Feb. 19.
- Plug for internal combustion engines, Glow. A. Widmann. 2,019,836; Nov. 5.
- Plug for internal combustion engines, Sparking. G. E. Woods-Humphery and H. L. Hall. 2,008,298; July 16.
- Plug for tubes. W. Wainright. 2,024,319; Dec. 17.
- Plug for walls or the like. C. M. Escaré. 1,997,513; Apr. 9.
- Plug fuse with a replaceable fuse link. J. Rosenbaum. 2,003,792; June 4.
- Plug having spark intensifying device therein, Spark. J. D. Curtis. 1,986,624; Jan. 1.
- Plug holding device for locks. M. Falk. 1,990,934; Feb. 12.
- Plug installation for lubricated valves. J. C. Haun. 2,012,427; Aug. 27.
- Plug receptacle, Attachment. W. C. Tregoning. 2,001,990; May 21.
- Plug receptacle device. W. Erhard. 1,996,699; Apr. 2.
- Plug resistor, Spark. J. H. Sangers. 1,997,804; Apr. 16.
- Plug structure for Jordan engines. C. C. Riehm. 2,008,228; July 16.
- Plug valve. J. C. Martin, Jr. 2,014,480; Sept. 17.
- Plug valve. F. H. Morehead. 2,014,481; Sept. 17.
- Plugging in and switch device, Uni-plural. H. H. Ice. 1,989,752; Feb. 5.
- Plugs from stop-cocks, Removal of frozen. E. H. Fisher. 1,999,537; Apr. 30.
- Plugs, Making spark. H. Rabezzana. 2,003,464; June 4.
- Plugs, Method and apparatus for the manufacture of electrical contact. E. Kleinmann and A. Mendel. 2,004,555; June 11.
- Plumb bob support. C. Beck. 2,016,573; Oct. 8.
- Plumber's furnace. E. E. Goller. 1,995,118; Mar. 19.
- Plumbing fixture. H. N. Davock. 1,999,231; Apr. 30.
- Plumbing fixture. J. S. Judell. 2,024,930; Dec. 17.
- Plumbing flushing device. A. J. German. 1,988,198; Jan. 15.
- Plunger. N. R. Beck. 1,995,662; Mar. 26.
- Plunger. S. Evans. 2,018,205; Oct. 22.
- Plunger construction. S. Evans and H. B. Woods. 2,018,204; Oct. 22.
- Plunger lift apparatus. C. N. Scott. 2,001,551; May 14.
- Plunger lift apparatus, Operating. N. H. Ricker. 2,001,547; May 14.
- Plunger lift control, Apparatus for. H. W. Fletcher. 2,018,206; Oct. 22.
- Plunger lift control device. C. N. Scott. 2,001,552; May 14.
- Plunger lift device. S. Evans. 1,993,266; Mar. 5.
- Plunger lift with inserted outlet. S. Evans. 2,024,850; Dec. 17.
- Plunger pump. E. J. Svenson. 1,989,117; Jan. 29.
- Plungers for glass molds, Making. R. W. Luce. 2,024,650; Dec. 17.
- Pluro-metallic rod. R. T. Hummel. 2,013,411; Sept. 3.
- Ply-board, Apparatus for making. A. G. Leonard, Jr. 2,010,308; Aug. 6.
- Plywood and other joined wooden articles, Production of. K. Vierlin, M. Schimling, and H. Klingenberg. 2,019,834; Nov. 5.
- Plywood knockdown box. G. H. Osgood. 2,005,159; June 18.
- Ply-wood, laminated paper board or similar composite article. J. D. Carter. 2,015,359; Sept. 24.
- Plywood receptacle. W. Seese. 2,025,359; Dec. 24.
- Pneumatic brake. E. G. McCauley. 2,007,500; July 9.
- Pneumatic carrier. G. H. Ross. 2,004,134; June 11.
- Pneumatic cleaner. B. Kern. 2,018,791; Oct. 29.
- Pneumatic cleaner. D. B. Replogle. 2,009,455; July 30.
- Pneumatic control device. G. Spiess. 2,024,544; Dec. 17.

- Pneumatic conveyer tube. W. H. Dinspel. 2,016,800; Oct. 8.
- Pneumatic dispatch apparatus. W. H. Dinspel. 2,022,077; Nov. 26.
- Pneumatic dispatch carrier. J. G. Maclaren. 2,000,400; May 7.
- Pneumatic dispatch system. C. S. Jennings. 2,014,571; Sept. 17.
- Pneumatic dispatch system. C. S. Jennings and F. W. MacMartin. 2,019,861; Nov. 5.
- Pneumatic dispatch system. J. S. Ogg. 2,020,697; Nov. 12.
- Pneumatic dispatch system. J. M. Scanlan. 2,016,946; Oct. 8.
- Pneumatic dispatch system. F. R. Taisey. 1,991,639; Feb. 19.
- Pneumatic dispatch system. F. R. Taisey. 1,993,194; Mar. 5.
- Pneumatic dispatch system. F. R. Taisey. 2,024,191; Dec. 17.
- Pneumatic dispatch system. W. J. Taylor. 1,994,153; Mar. 12.
- Pneumatic dispatch system. W. J. Taylor. 2,003,159; May 28.
- Pneumatic dispatch system. W. J. Taylor. 2,019,876; Nov. 5.
- Pneumatic dispatch tube apparatus. J. T. Needham. 2,015,958-9; Oct. 1.
- Pneumatic dispatch tube carrier. H. Busch. 2,023,218; Dec. 3.
- Pneumatic equipment for vehicle motors. F. Arena. 1,993,583; Mar. 5.
- Pneumatic feeder. C. N. Ciolino. 1,993,240; Mar. 5.
- Pneumatic glass feeder. J. W. Ross. 2,009,017; July 23.
- Pneumatic lifting jack. C. Jackson, R. L. Powell, and C. Buttler. 2,024,291; Dec. 17.
- Pneumatic pressure gauge. J. H. Becker. 2,016,586; Oct. 8.
- Pneumatic punching bag. Dummy. H. A. Barnick. 1,995,495; Mar. 26.
- Pneumatic sending valve. L. N. Hampton and O. N. Giertsen. 1,996,107; Apr. 2.
- Pneumatic tool. C. H. Atkins. 2,019,332; Oct. 29.
- Pneumatic valve. K. Omsted. 2,026,056; Dec. 31.
- P-nitro-o-anisidine, Producing. J. M. Tinker and L. Spiegler. 1,998,794; Apr. 23.
- Pocketbook. P. Wege. 1,998,150; Apr. 16.
- Pocket book muff bed, Combination. B. Srolowitz. 1,987,759; Jan. 15.
- Pocket case. P. W. Penta. 2,004,672; June 11.
- Pocket cleaner. O. O. Fickeissen. 2,021,446; Nov. 19.
- Pocket construction. F. Burch. 1,995,143; Mar. 19.
- Pocket display device. O. L. Tricker. 2,022,793; Dec. 3.
- Pocket fastener-applying implement. J. F. Cavanagh. 1,994,567; Mar. 19.
- Pocket, Garment. L. M. Gephardt. 2,013,847; Sept. 10.
- Pocket, Garment. A. Peters. 2,011,010; Aug. 13.
- Pocket implement. O. Altenbach. 2,011,963; Aug. 20.
- Pocket, Pencil and pen. A. M. Shafer. 2,017,476; Oct. 15.
- Pocket receptacle, Flexible. W. R. Buxton. 2,011,844-5-6; Aug. 20.
- Pocket routing machine. O. P. M. and W. C. Goss. 1,995,505; Mar. 26.
- Pocket tool, Multiple. F. W. Holland-Letz. 2,022,775; Dec. 3.
- Pocket, Vehicle door. O. F. Graebner. 2,019,674; Nov. 5.
- Point and switch. D. P. Stewart and J. V. Stewart. 2,023,344; Dec. 3.
- Point structure for straight knitting machines. G. Gastrich. 2,016,742; Oct. 8.
- Pointer mechanism. J. H. Friedman. 2,025,855; Dec. 31.
- Poise device. C. Cadiet. 2,004,034; June 4.
- Polarizing body, Forming. A. E. H. Land. 2,011,553; Aug. 13.
- Pole and post. G. Hutchinson. 2,023,476; Dec. 10.
- Pole climber. H. E. Shaw. 2,021,433; Nov. 19.
- Pole gripper for ladders. R. H. Risser. 1,994,369; Mar. 12.
- Pole holder. W. A. Walthers. 2,008,233; July 16.
- Pole lock. J. J. Briggs. 1,987,281; Jan. 8.
- Pole piece, Laminated. C. B. Hathaway. 1,991,092; Feb. 12.
- Pole protector. E. E. Hillyer and L. E. Septer. 1,999,098; Apr. 23.
- Pole reinforcement. E. M. Beecher. 2,026,157; Dec. 31.
- Pole reinforcement. C. A. Van De Mark. 1,995,874; Mar. 26.
- Pole, Removable clothesline. W. V. Falcon. 1,991,087; Feb. 12.
- Pole seat. H. J. Dozier. 1,993,320; Mar. 5.
- Pole support. D. H. Price. 2,022,008; Nov. 26.
- Poling plate and its method of application. J. Dolder. 2,019,295; Oct. 29.
- Polish. M. H. Arveson. 1,986,243; Jan. 1.
- Polish, Furniture and automobile. J. Rozig. 2,020,125; Nov. 5.
- Polish, Metal. W. S. Calcott and R. G. Clarkson. 1,986,388; Jan. 1.
- Polisher. E. B. Miller, Jr. 2,010,314; Aug. 6.
- Polisher, Floor. A. E. Moorhead. 2,014,626; Sept. 17.
- Polishing bag. C. Shapero. 1,987,130; Jan. 8.
- Polishing composition. W. W. Lewers. 1,986,936; Jan. 8.
- Polishing composition. H. S. Polin. 1,995,862; Mar. 26.
- Polishing composition and making the same. L. F. W. Pape. 2,009,633; July 30.
- Polishing composition and manufacturing same. L. F. W. Pape. 1,995,219; Mar. 19.
- Polishing device. W. H. Robbins. 1,988,335; Jan. 15.
- Polishing device. A. J. Stecker. 2,014,119; Sept. 10.
- Polishing machine. A. V. Breed. 2,019,889; Nov. 5.
- Polishing machine. L. S. Castonguay. 1,996,903; Apr. 9.
- Polishing machine. E. Culver. 2,013,134; Oct. 1.
- Polishing machine. E. R. Heckroth. 2,023,588; Dec. 10.
- Polishing machine. T. F. Philippi. 1,990,668; Feb. 12.
- Polishing machine. T. F. Philippi. 2,015,495; Sept. 24.
- Polishing machine. L. E. Woolens. 2,013,196; Sept. 3.
- Polishing machine, Alternating action. B. De Nagy. 2,000,931; May 14.
- Polishing medium to polishing machines, Supplying a. J. P. Crowley. 2,006,196; June 25.
- Polishing pad. J. H. Lang. 1,998,244; Apr. 16.
- Polishing wheel. F. F. Hillix. 2,015,646; Sept. 24.
- Pollen extract, Detoxified. E. B. Carter. 2,019,808; Nov. 5.
- Polo stick. L. Mountbatten. 1,993,334; Mar. 5.
- Poly-amides and their preparation. Aliphatic. H. Ulrich and J. Nuesslein. 2,008,649; July 16.
- Polychromatic printing plate. S. Tchechonin. 1,999,549; Apr. 30.
- Polychromatic printing plate. S. Tchechonin. 2,025,559; Dec. 24.
- Polycycle propulsion means. A. J. Scholtes. 2,002,046; May 21.
- Polymerization. G. M. Kuettel. 2,008,719; July 23.
- Polymerization, Minimizing. K. B. Lacy. 2,009,062; July 23.
- Polymerization products from vinyl ethers, Production of mixed. H. Fikentscher. 2,016,490; Oct. 8.
- Polymers of ketene, Production of. P. J. Wiecevich and A. H. Gleason. 1,998,404; Apr. 16.
- Polymethylenediganidine compounds and making said compounds. E. Prochnow. 2,007,770; July 9.
- Pond, Settling. M. Prüss. 1,995,224; Mar. 19.
- Pontoon, Amphibian aircraft. A. P. de Seversky. 2,023,312; Dec. 3.
- Pool aerator. C. H. Andrews. 1,987,501; Jan. 8.
- Pop corn vending machine. W. A. Priest. 2,017,293; Oct. 15.
- Pop safety valve. H. S. Baker. 2,001,375; May 14.
- Pop-up type of bath waste and overflow construction. A. N. Pasman. 1,998,145; Apr. 16.
- Popper, Corn. T. G. Melish. 2,021,800; Nov. 19.
- Poppet valve. G. R. Rich. 2,017,294; Oct. 15.
- Porcelain enameled articles of changeable color, Production of. R. H. Türk. 2,021,819; Nov. 19.
- Porcelain, Making dental. F. P. Hoffmann. 2,000,285; May 7.
- Porcelain resistant to the passage of X-rays and making the same. L. Brown. 2,018,600; Oct. 22.
- Porous material and making the same. H. E. Holcomb. 1,985,994; Jan. 1.
- Porous material, Coating. R. P. Courtney. 1,987,549; Jan. 8.
- Porous materials, Apparatus for testing. R. Schopper. 2,021,948; Nov. 26.
- Porous separator. A. S. Behrman. 2,004,973; June 18.
- Port structure for furnaces. G. W. Batchell. 2,020,760; Nov. 12.
- Portable bar. E. Krause. 1,994,857; Mar. 19.
- Portable beer dispenser. C. Doering. 1,998,000; Apr. 16.
- Portable crimping tool. J. J. Mascuch. 2,020,473; Nov. 12.
- Portable device for producing and delivering steam and hot water under pressure. N. Cowan. 2,014,836; Sept. 17.
- Portable electric heater. C. L. Whitney. 1,992,593; Feb. 26.
- Portable heater. J. R. MacGregor and E. E. Edwards. 2,001,068; May 14.
- Portable press. J. H. Abramson and E. C. Swanson. 1,986,493; Jan. 1.
- Portable receptacle. A. Halpin. 2,025,101; Dec. 24.
- Portable receptacle. R. Lobel. 2,019,685; Nov. 5.
- Portable receptacle. M. Solomon. 2,000,302; May 7.
- Portable receptacle. J. L. Zarovy. 2,021,585; Nov. 19.
- Portable sign frame. C. H. Lush. 2,010,404; Aug. 6.
- Portable suction cleaner. A. A. Breuer. 2,001,121; May 14.
- Portable surgical lamp. P. A. Nirdlinger. 2,012,284; Aug. 27.
- Portable tool, Electrically driven. E. Baumgratz, F. Kratz, and H. Steinhart. 1,990,017; Feb. 5.
- Portable vibration indicator. E. L. Thearle. 2,007,010; July 2.
- Position control apparatus. D. J. Stewart. 2,013,676; Sept. 10.
- Position controlling device. E. C. Wente. 2,003,913; June 4.
- Position indicator. F. Rieber. 1,988,020; Jan. 15.
- Position signaling system. H. E. Warren. 1,986,613; Jan. 1.
- Positioning device for hydraulic operators. L. Kimball. 1,989,235; Jan. 29.
- Positioning mechanism for machine tools, Automatic. B. Sassen. 2,012,249; Aug. 20.
- Positive column lamp. L. L. Beck. 2,018,620; Oct. 22.
- Post. See—
 Anchor post. Municipal service post.
 Bumper post. Scratching post.
 Chain post. Terminal post.
 Fence post.

- Post box construction. G. S. Knickerbocker and C. B. Rapp. 1,990,333; Feb. 5.
- Postage machine, Prepayment. A. Gay. 2,009,490; July 30.
- Postage meter. E. W. Andrews. 2,020,493; Nov. 12.
- Postage meter. L. L. Mack. 2,012,670; Aug. 27.
- Postage meter. M. Moore. 2,024,944; Dec. 17.
- Postal machine, Hand operated. C. D. Ryan. 2,001,287; May 14.
- Postal machine, Manual feeding and tripping mechanism for a power driven. J. Q. Finfrock. 2,005,778; June 25.
- Postcard for phonographic recording. H. Kubo. 2,010,867; Aug. 13.
- Post clamp, Battery terminal. A. J. Spears. 1,997,981; Apr. 16.
- Post-pocket. H. T. Anderson. 2,009,468; July 30.
- Pot, Air-layering. W. Lam. 2,021,793; Nov. 19.
- Pot, Ash. T. Go. K. Kojima, and S. Sugihara. 2,006,692; July 2.
- Pot cleaner. E. S. Bradford, Jr. 2,017,231; Oct. 15.
- Pot, Lead. L. H. Hopkins. 2,022,372; Nov. 26.
- Pot or the like, Beverage. F. E. Wolcott. 2,004,883; June 11.
- Pot particularly for stereotype casting machines, Melting. R. Zahner. 2,003,796; June 4.
- Post structure, Convertible melting. L. G. Olander. 1,988,630; Jan. 22.
- Pot support for kitchen sinks. M. Levine. 1,986,935; Jan. 5.
- Potash and oxalic acid, Production of caustic. M. Enderli. 2,002,342; May 21.
- Potassium bicarbonate, Production of. H. Weiss. 2,013,977; Sept. 10.
- Potassium carbonate, Cyclic manufacture of. F. Rüsberg. 2,020,801; Nov. 12.
- Potassium carbamate, Production of. C. T. Thorssell and A. Kristensson. 2,002,681; May 28.
- Potassium carbonate and sodium sulphate, Manufacture of. F. Rüsberg. 1,992,324; Feb. 26.
- Potassium carbonate or potassium hydroxide, Preparing. F. Bartling and H. Fricke. 2,002,684; May 28.
- Potassium oxalate, Making. E. Hene. 2,004,867; June 11.
- Potassium nitrate, Production of. O. Kasehitz. 2,024,370; Dec. 17.
- Potassium sulphate, Making. G. A. Connell. 1,990,896; Feb. 12.
- Potato cooking machine. T. Sharp. 2,026,003; Dec. 31.
- Potato cutter. G. M. Farabough. 2,004,858; June 11.
- Potato cutter. G. Haynes. 1,991,554; Feb. 19.
- Potato digging and sorting machine. O. L. Hostetter. 2,013,409; Sept. 3.
- Potatoes, Canning sweet. J. H. Stansbury. 1,986,543; Jan. 1.
- Potential device. P. O. Langguth. 2,004,954; June 18.
- Potentiometer device. J. H. Clark. 2,024,275; Dec. 17.
- Potentiometric indicator. R. W. Gilbert. 2,011,315; Aug. 13.
- Pots and the like, Repairing and treating glass. R. A. Miller. 2,011,498; Aug. 13.
- Pottery, Producing lugged. G. B. Zahniser, Jr. and J. M. Smith, Jr. 2,007,993; July 16.
- Pouch, Tobacco. P. M. Yeates. 1,992,152; Feb. 19.
- Pouch, Vehicle umbrella. W. H. Van Ness. 2,014,241; Sept. 10.
- Poultice. B. Hill. 2,022,507; Nov. 26.
- Poultry feeder. D. H. Hill. 2,020,551; Nov. 12.
- Poultry feeding and watering device. C. L. Thomsen. 2,003,318; June 4.
- Poultry feeding and watering device. C. L. Thomsen. 2,019,370; Oct. 29.
- Poultry fountain. W. C. Hopson. 1,985,995; Jan. 1.
- Poultry, Method and apparatus for dressing. P. M. Griffin. 1,986,195; Jan. 1.
- Poultry, Preventing pockmarking of dressed. D. E. Knowlton and G. G. Early, Jr. 2,019,756; Nov. 5.
- Pour inhibitors, Producing. P. K. Frolich. 2,015,748; Oct. 1.
- Pouring and sifting container, Combined. W. F. Punte. 2,010,464; Aug. 6.
- Pouring means for canisters. H. Dood. 2,022,342-3; Nov. 26.
- Pouring spout container. J. H. Murch. 1,993,745; Mar. 12.
- Powder, Bleaching. G. H. Bergman. 1,986,672; Jan. 1.
- Powder box. R. Lederfeld. 1,999,242; Apr. 30.
- Powder box. W. Zipper. 2,013,197; Sept. 3.
- Powder container. W. J. Bauer. 1,999,228; Apr. 30.
- Powder dispenser. D. A. Eolis. 1,986,718; Jan. 1.
- Powder dispenser. L. D. Whitney. 2,001,441; May 14.
- Powder dispensing box. W. J. Bauer. 1,999,227; Apr. 30.
- Powder dispensing can. C. B. Strach. 1,994,623; Mar. 19.
- Powder dispensing top. A. Vanderveld. 1,993,493; Mar. 5.
- Powder, Edible dusting. C. L. Griffith. 2,012,506; Aug. 27.
- Powder gun, Gas and noxious. J. Williams, Jr. 1,994,295; Mar. 12.
- Powder, Igniter. O. A. Pickett. 2,008,366; July 16.
- Powder, Manufacture of aluminum bronze. D. M. Boothman. 2,017,850; Oct. 22.
- Powder, Metal. C. Hardy. 2,001,134; May 14.
- Powder, Preparing molding. C. N. Smith. 1,992,638; Feb. 26.
- Powder, Propellant. W. E. Wagner. 2,008,888-9; July 23.
- Powder puff. W. Winsor. 2,009,794; July 30.
- Powder puff and making the same. E. Burkhardt. 2,004,307; June 11.
- Powder puff and manufacturing the same. B. Bihler. 1,997,038; Apr. 9.
- Powder puff and powder holder. A. T. Lawson. 2,026,476; Dec. 31.
- Powder, Smokeless. W. de C. Crater. 2,024,128; Dec. 10.
- Powdered materials, Apparatus for fusing. P. P. Alexander. 2,003,167; May 28.
- Powdered or granular material, especially coal, Separation of. R. Lessing and R. H. Allen. 2,000,181; May 7.
- Powdering machine. F. T. Powers. 2,017,510; Oct. 15.
- Powders, Apparatus for compacting. H. J. Glaxner. 2,005,542; June 18.
- Power augmeter. P. W. Jones. 1,990,187; Feb. 5.
- Power by ultra short waves, Arrangement for generating high. W. Runge, W. Iberg and H. Lux. 2,006,904; July 2.
- Power clamping device. G. E. Swartz. 2,007,483; July 9.
- Power clutch. E. L. Tranaas. 2,011,427; Aug. 13.
- Power concrete strike-off template. M. A. Church. 2,021,767; Nov. 19.
- Power control. P. W. Eells. 2,003,351; June 4.
- Power control lifting, tilting, and lowering mechanism. L. O. Bird. 1,991,781; Feb. 19.
- Power control system. B. W. Hamilton. 2,004,478; June 11.
- Power control system. C. A. Jackson. 1,995,613; Mar. 26.
- Power converter, Electric. G. T. Southgate. 2,003,056; May 28.
- Power converting apparatus, Electric. M. A. Acheson. 1,999,013; Apr. 23.
- Power converting apparatus, Electric. B. D. Bedford. 2,009,833; July 30.
- Power converting mechanism. W. E. Hendricks. 2,012,534; Aug. 27.
- Power converting unit and system. J. N. Stowell. 2,000,868; May 7.
- Power coupling and cut-off, Automatic. L. L. Nakashian. 2,010,925; Aug. 13.
- Power detector tube. R. S. Danforth. 1,988,867; Jan. 22.
- Power developing and distributing means. R. A. Coffman. 2,006,671; July 2.
- Power drive for cyclical record machines. J. T. Lister. 1,991,686; Feb. 19.
- Power drive system. F. L. Morse. 1,986,008; Jan. 1.
- Power driven apparatus. C. B. Coates and C. J. Dresser. 1,988,596; Jan. 22.
- Power-driven tool. W. F. Ocenasek. 2,008,673; July 23.
- Power factor controller. H. E. Young. 1,990,261; Feb. 5.
- Power factor, Correction of. H. R. Osborne. 2,025,471; Dec. 24.
- Power factor of a circuit, Device for controlling the. D. C. Espley. 1,993,924; Mar. 12.
- Power, Fluid transmission of. W. G. Wilson. 2,002,760; May 28.
- Power from sea water, Method and apparatus for obtaining. G. Claude and P. Boucherot. 2,006,985; July 2.
- Power generating apparatus. W. A. Moore. 2,020,200; Nov. 5.
- Power generating plant, Unit electric. H. D. Gumpfer. 2,004,405; June 11.
- Power generating system. C. F. Strong. 2,006,523; July 2.
- Power implement. O. J. Bready. 2,015,587; Sept. 24.
- Power, Increasing. J. M. Quinn. 1,995,010; Mar. 19.
- Power machine. V. Zapata. 2,024,841; Dec. 17.
- Power mechanism. J. G. Gibson. 2,019,670; Nov. 5.
- Power metering, Multiple-rate. J. P. Ballantine. 2,000,736; May 7.
- Power of the currents in rivers, Utilizing the. H. Karl. 1,987,065; Jan. 8.
- Power-operated clutch. W. R. Freeman. 2,025,854; Dec. 31.
- Power plant. J. Q. Finfrock. 1,988,036; Jan. 15.
- Power plant. A. T. Kasley. 2,005,377; June 18.
- Power plant and operating same. H. Holzwarth. 2,012,963; Sept. 3.
- Power plant and vehicle therefor, Portable. C. A. Miller. 1,987,265; Jan. 8.
- Power plant, Domestic central. W. Hull. 1,999,876; Apr. 30.
- Power plant, Railway. J. Dickson. 2,007,795; July 9.
- Power press. R. Temple, Jr. 2,003,843; June 4.
- Power press. R. B. Treer. 2,007,290; July 9.
- Power press, Triple action. A. Siedel and M. R. Hatch. 1,989,827; Feb. 5.
- Power plant, Unit. K. Feilcke. 2,019,180; Oct. 29.
- Power relay control means, Directional. R. I. Ward. 2,023,653; Dec. 10.
- Power reverse gear. S. M. Roth. 2,016,727; Oct. 8.
- Power-reversing mechanism, Rotary. J. B. Picard, B. R. Schabaram, and G. F. Nolte. 2,021,134-5; Nov. 19.
- Power set. H. Treitel. 2,014,956; Sept. 17.
- Power steering. B. W. Twyman. 2,021,706; Nov. 19.
- Power steering gear. W. S. Davidson. 1,991,597; Feb. 19.
- Power supply. F. T. Brewer. 2,018,483; Oct. 22.
- Power supply for windshield cleaners, Auxiliary. H. Hueber. 2,021,857; Nov. 19.

- Power supply means for vacuum tubes. R. Rechnitzer. 2,009,070; July 23.
- Power supply system. S. M. Day. 1,995,637; Mar. 26.
- Power supply system. I. J. Kaar. 1,998,321; Apr. 16.
- Power supply system. W. H. Reichard. 1,995,652; Mar. 26.
- Power-supply system for electric shovels and the like. C. B. Hathaway. 2,003,688; June 4.
- Power supply system for radio apparatus. N. Raskhodoff. 2,021,380; Nov. 19.
- Power take-off. W. R. Barney. 1,993,236; Mar. 5.
- Power take-off control. W. M. Gettys. 2,024,213; Dec. 17.
- Power take-off mechanism. R. E. Smith. 2,016,934; Oct. 8.
- Power take-off shaft. W. F. MacGregor and N. R. Krause. 1,999,841; Apr. 30.
- Power testing device for automobiles. J. L. Shroyer. 2,009,456; July 30.
- Power tool. N. W. Hartman. 1,989,416; Jan. 29.
- Power translating device. M. C. Steuber. 2,022,058; Nov. 26.
- Power transmission. C. J. Anderson, Jr. 1,992,457; Feb. 26.
- Power transmission. W. H. Furness. 2,004,572; June 11.
- Power transmission. O. W. Greene. 2,015,107; Sept. 24.
- Power transmission. G. F. McDougall. 2,024,698; Dec. 17.
- Power transmission. R. E. and W. R. Millican. 2,003,212; May 28.
- Power transmission. H. G. Stein. 1,998,945; Apr. 23.
- Power transmission. C. B. Strandgren. 2,003,317; June 4.
- Power transmission. C. C. Swetenham. 2,004,019; June 4.
- Power transmission and distribution. Electric. C. W. Stone. 1,990,758-9; Feb. 12.
- Power transmission and reclaiming mechanism. F. W. Kennedy. 2,016,040; Oct. 1.
- Power transmission apparatus. Electric. H. Welchsel. 2,018,336; Oct. 22.
- Power transmission assembly for motor-driven vehicles. H. Ferguson. 2,022,762; Dec. 3.
- Power transmission control. R. McWade, Jr. 1,986,214; Jan. 1.
- Power transmission control and brake mechanism, Inter-related. B. C. Roehrl. 2,018,469; Oct. 22.
- Power transmission device. E. L. Barrett. 1,993,988; Mar. 12.
- Power transmission device. A. T. Harris. 2,005,740; June 25.
- Power transmission device. H. G. Johnstone and V. D. Barker. 1,996,579; Apr. 2.
- Power transmission device. J. E. Larason. 2,001,736; May 21.
- Power transmission device. E. R. Ross. 1,998,172; Apr. 16.
- Power transmission device, Flexible. D. Heyer. 2,023,421; Dec. 10.
- Power transmission device, Variable speed. W. A. Garratt. 1,986,572; Jan. 1.
- Power transmission, Electric. C. H. Willis. 2,013,454; Sept. 3.
- Power transmission, Fluid. R. E. Schley. 2,017,107; Oct. 15.
- Power transmission mechanism. G. Basso. 2,025,968; Dec. 31.
- Power transmission mechanism. G. Bauer and C. Schmieske. 1,987,985; Jan. 15.
- Power transmission mechanism. S. A. Farrell. 2,014,316; Sept. 10.
- Power transmission mechanism. H. A. Knox and B. F. Baker. 2,014,383; Sept. 17.
- Power transmission mechanism. A. Madlé. 1,999,543-4; Apr. 30.
- Power transmission mechanism. C. C. Morley. 1,999,340; Apr. 30.
- Power transmission mechanism. W. I. Wheeler. 1,997,503; Apr. 9.
- Power transmission mechanism, Hydraulic. A. W. A. H. and H. F. W. Chamberlain. 1,998,922; Apr. 23.
- Power transmission mechanism, Synchronized. E. A. Thompson. 2,022,096; Nov. 26.
- Power transmission mechanism, Variable speed. H. McGill. 2,021,460; Nov. 19.
- Power transmission system. C. Dell and H. L. Read. 2,015,300; Sept. 24.
- Power transmission system. B. Frank. 2,016,632; Oct. 8.
- Power transmission system. M. R. Hutchison, Jr. 2,005,974; June 25.
- Power transmission system. N. Wilkinson. 1,994,376; Mar. 12.
- Power transmission through rotary shafts. J. Bibby. 2,012,939; Sept. 3.
- Power transmission unit. F. J. Young and S. W. Long. 2,005,122; June 18.
- Power transmission wheel. H. H. Frick. 2,000,834; May 7.
- Power transmitter, Hydraulic. D. Campbell. 1,993,918; Mar. 12.
- Power transmitting apparatus. A. W. Arnold. 2,016,849; Oct. 8.
- Power transmitting connector, Parallel rodline. W. R. Barney. 1,991,072; Feb. 12.
- Power transmitting device. H. A. Greenwald. 1,990,184; Feb. 5.
- Power transmitting device. R. R. Nydegger. 2,008,873; July 23.
- Power transmitting device. O. Bratz. 2,018,344; Oct. 22.
- Power transmitting device. J. J. Shively. 1,995,689; Mar. 26.
- Power transmitting device. H. Williams. 1,993,907; Mar. 12.
- Power transmitting mechanism. E. J. de Normanville. 2,012,377; Aug. 27.
- Power transmitting mechanism. B. Freund. 1,997,819; Apr. 16.
- Power transmitting mechanism. W. Geist. 2,002,055; May 21.
- Power transmitting mechanism. R. P. Kile. 2,019,187; Oct. 29.
- Power transmitting mechanism. C. F. Rauen. 2,020,040; Nov. 5.
- Power transmitting mechanism. E. Snyder. 2,005,510; June 18.
- Power transmitting mechanism. L. J. Turner. 2,000,500; May 7.
- Power transmitting mechanism, Automatic. J. E. Padgett. 2,007,304; July 9.
- Power transmitting mechanism in motor driven vehicles. A. G. von Soden-Fraunhofen, and A. Maier. 2,012,292; Aug. 27.
- Power traverse for radial drill heads, Safety. E. Sobolewski. 1,987,979; Jan. 15.
- Power unit. C. E. Peterson. 1,993,797; Mar. 12.
- Power unit, Air operated. P. H. Crary. 2,004,853; June 11.
- Power unit, Arc-welding. G. T. Southgate. 2,003,057; May 28.
- Power unit, Inboard. E. H. Fahrney and A. C. Ziebell. 2,022,652; Dec. 3.
- Power washing machine. L. F. Ducker. 1,990,272; Feb. 5.
- Precipitates and separating same from liquids, Method and apparatus for conditioning. C. H. Spaulding. 2,021,672; Nov. 19.
- Precipitates, Producing. A. J. Myhren and B. Marquis. 2,020,325; Nov. 12.
- Precipitator. C. C. Levy. 2,010,600; Aug. 6.
- Precision balance. J. Gattoni. 1,993,698; Mar. 5.
- Precision balance. J. Gattoni. 1,997,636; Apr. 16.
- Precision channel gauge. G. A. Aull. 2,018,481; Oct. 22.
- Precision gauge. J. Oswin. 2,019,359; Oct. 29.
- Precision grinding machine. A. Scrivener. 2,010,965; Aug. 13.
- Precooling apparatus for refrigerator cars. H. Giddings. 1,991,741; Feb. 19.
- Predictor mechanism. J. B. Henderson and A. L. Perham. 2,009,264; July 23.
- Pre-heater for oil burners. S. W. Verrill. 1,995,660; Mar. 26.
- Preheaters, Cleaning sulphite cellulose. T. Samson. 2,008,839; July 23.
- Preparation and distribution of fuel and air mixtures for internal combustion engines. A. Moore. 2,010,315; Aug. 6.
- Preparation for protecting against light of short wave length. F. Dunning. 2,015,005; Sept. 17.
- Preparation for treating the bottoms of ships and the like for destroying animal and vegetable matter. I. Ibáñez. 1,997,794; Apr. 16.
- Preparation of activated carbon. E. T. Olson. 2,003,278; May 28.
- Preparation of aryl-amines. H. A. Lubs and J. E. Cole. 2,025,876; Dec. 31.
- Preparation of calcium sulphate. S. F. W. Crundall. 2,021,910; Nov. 26.
- Preparation of cellulose acetate isobutyrate. C. J. Malm and C. L. Fletcher. 2,024,651; Dec. 17.
- Preparation of cellulose derivatives containing phosphorus. C. J. Malm and C. R. Fordyce. 2,008,986; July 23.
- Preparation of composite substances. A. S. Riggs. 2,003,609; June 4.
- Preparation of fluorescent and pour point reducing bodies from petroleum residue. H. Levin. 2,024,106; Dec. 10.
- Preparation of inorganic acid esters of higher glycols. W. Schrauth and R. Hueter. 2,014,782; Sept. 17.
- Preparation of mixed esters of cellulose. T. F. Murray, Jr., and C. J. Staud. 2,024,658; Dec. 17.
- Preparation of mixtures of hydrochloric, sulphuric, and sulphurous acids. A. I. Virtanen. 2,017,614; Oct. 15.
- Preparation of phosphoric acids. C. L. Levermore. 2,022,050; Nov. 26.
- Preparation of quiazarine. H. R. Lee. 2,003,859; June 4.
- Preparation of resinous condensation products. E. Elbel and F. Seebach. 2,024,212; Dec. 17.
- Preparations containing aluminium acetate and aluminium formate. E. Koch. 2,011,292; Aug. 13.
- Preparations of emulsions. W. M. Stratford. 2,015,043; Sept. 17.
- Preparing, feeding, and dusting apparatus. F. L. Furbush. 1,990,120; Feb. 5.
- Preservative. H. H. Wright. 2,013,739 Sept. 10.
- Preservative to eggs, Applying a. H. B. Christian and H. E. Kennedy. 2,014,646; Sept. 17.
- Preserving agents for animal and vegetable fats, fatty oils, and soap. W. S. Calcott, W. A. Douglass, and H. W. Walker. 1,993,771; Mar. 12.
- Press: See—
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| Adjustable stroke press. | Die press. |
| Baling press. | Drill press. |
| Blanking press. | Electrically operable press. |
| Cold press. | Embossing press. |
| Crate press. | Extrusion press. |

- Press: See—
 Filter press.
 Forging press.
 Fruit juice extracting press.
 Fruit press.
 Garment or ironing press.
 Garment press.
 Hand press.
 Hat press.
 Hay press.
 Hydraulic press.
 Ironing press.
 Laundry press.
 Lithographing press.
 Minerva printing press.
 Neckband and collar finishing press.
 Necktie press.
 Offset printing press.
 Platen printing press.
 Portable press.
 Power press.
 Printing press.
 Punch press.
 Quenching press.
 Self-feeding press.
 Sheet metal press.
 Shoe press.
 Shoe sole press.
 Sole press.
 Tandem power press.
 Tobacco press.
 Toggle press.
 Trousers press.
 Turret press.
 Vulcanizing press.
- Press. S. Garrett. 2,018,126; Oct. 22.
 Press. H. P. L. Laussucq. 1,992,314; Feb. 26.
 Press. J. C. Ledbetter. 2,005,865; June 25.
 Press. W. L. McEver and W. Ralsch. 1,991,760; Feb. 19.
 Press. V. W. Peterson and J. E. Gregorich. 1,999,057; Apr. 23.
 Press. G. A. Schettler. 1,995,325; Mar. 26.
 Press. H. Thorne. 2,018,932; Oct. 29.
 Press and control therefor, Garment or ironing. J. P. Daly. 1,987,284; Jan. 8.
 Press and filter. H. T. Leo. 2,022,679; Dec. 3.
 Press and filter device, Combined. R. M. Thompson. 1,997,611; Apr. 16.
 Press and ice crusher, Combined fruit. J. M. Majewski, Jr. 1,987,302; Jan. 8.
 Press and method of forming blanks, Blanking and forming. W. Ferris. 2,012,423; Aug. 27.
 Pressboard. H. Sieb. 2,004,710; June 11.
 Press button control for elevators and the like. T. Hoffmann. 2,015,799; Oct. 1.
 Press control mechanism. J. P. Daly. 1,996,231; Apr. 2.
 Press control mechanism. J. P. Daly. 2,016,415; Oct. 8.
 Press control mechanism. C. S. Malott, Jr. 2,023,895; Dec. 10.
 Press for bending tooth backing plates. S. J. Krivig. 1,990,079; Feb. 5.
 Press for cementing soles on shoes, Pneumatic. J. L. Thompson. 2,004,541; June 11.
 Press for cutting metal and other sheets. H. A. Griffiths. 1,991,457; Feb. 19.
 Press for forming glass articles. A. N. Cramer. 2,009,994; Aug. 6.
 Press for fruits and vegetables, Household. W. F. Kammer. 2,022,206; Nov. 26.
 Press for molding and drying stereotype matrices, Hydraulic. K. Schäfflein. 1,996,174; Apr. 2.
 Press for molding plastic substances. W. H. Smith. 1,993,312; Mar. 5.
 Press for oleaginous material. E. V. Breitenbach. 2,015,213; Sept. 24.
 Press for plastic materials. E. C. Clemens. 2,007,074; July 2.
 Press for stamping blanks. C. R. Moon. 2,021,461; Nov. 19.
 Press for the treatment of plastic materials, Extrusion. O. Lefnaer. 1,997,525; Apr. 9.
 Press-head for stuffing machines. O. C. Schmidt. 2,004,618; June 11.
 Press mechanism. R. W. Dinzl. 2,001,712; May 21.
 Press mechanism. D. D. Huyett. 2,005,260; June 18.
 Press motion, Cylinder. A. G. Bowles. 2,005,216; June 18.
 Press of steel and concrete, Power. G. R. Meyercord, O. H. Basquin, and C. B. Norris. 1,999,249; Apr. 30.
 Press roll shifting means, Printing. H. H. Rawson. 2,002,584; May 28.
 Press section for Fourdrinier paper machines. C. L. Ellis. 1,991,346; Feb. 12.
 Press welder for metal doors. M. Clark. 2,021,173; Nov. 19.
 Presser foot for shot stitching machines. W. C. Re. 2,015,965; Oct. 1.
 Presser plate for book stitching machines. C. Schramm. 1,995,754; Mar. 26.
 Presses, Indexing punch. W. L. Merrill and F. E. Fisher. 2,021,077; Nov. 12.
 Pressing apparatus. A. O. Long. 2,010,097; Aug. 6.
 Pressing element. G. W. Johnson. 2,026,346; Dec. 31.
 Pressing element for pressing machines. G. W. Johnson. 2,020,030; Nov. 5.
 Pressing machine. E. Davis. 1,999,445; Apr. 30.
 Pressing machine. H. D. Elliott and T. C. Rowen. 2,026,083; Dec. 31.
 Pressing machine. A. F. Hanney. 2,013,754; Sept. 10.
 Pressing machine. A. F. Hanney. 2,017,965; Oct. 22.
 Pressing machine. T. G. Jasper. 1,998,280; Apr. 16.
 Pressing machine. G. W. Johnson. 2,025,057-8; Dec. 24.
 Pressing machine. P. Marcellitti. 2,018,004; Sept. 3.
 Pressing machine. A. Matthews. 2,023,896; Dec. 10.
 Pressing machine. L. E. Simon. 2,007,816; July 9.
 Pressing machine. J. P. Singiser. 2,006,751; July 2.
 Pressing machine. J. H. Taylor and J. Lauder. 2,026,331; Dec. 31.
 Pressing machine and control mechanism therefor. G. W. Johnson. 2,007,607; July 9.
 Pressing machine and control mechanism therefor. J. B. Sando and H. F. Grabler. 2,006,749; July 2.
 Pressing machine and element. G. S. Baldwin. 2,022,176; Nov. 26.
 Pressing machine control. G. W. Johnson. 2,026,508; Dec. 31.
 Pressing machine, Fluid pressure actuated. J. P. Daly. 1,987,389; Jan. 8.
 Pressing machines, Follow-up actuating mechanism for. E. Davis. 2,008,752; July 23.
 Pressing machine for fabrics, Flat plate. F. H. Pickard. 2,007,726; July 9.
 Pressing machine, Table model. E. Davis and A. Kagi. 2,003,501; June 4.
 Pressing machine, Upper and foxing. E. A. Willey. 1,987,173; Jan. 8.
 Pressing pad. C. E. Galvin. 2,016,713; Oct. 8.
 Pressing pad. J. A. Hunter. 2,020,060; Nov. 5.
 Pressure actuated valve. A. K. Sorensen. 2,017,297; Oct. 15.
 Pressure adjusting device for pneumatic transmission of measurements. R. Avigdor. 2,022,582; Nov. 26.
 Pressure adjusting means. A. L. Corson. 2,012,157; Aug. 20.
 Pressure adjustment for cylinders of printing and other machines. L. T. A. Robinson. 2,018,282; Oct. 22.
 Pressure and temperature recorder. H. N. Herrick and W. G. Miller. 2,015,851; Oct. 1.
 Pressure balancer. H. A. Bern. 2,009,102; July 23.
 Pressure containers, Device for releasing contents of. C. R. Phillips. 1,996,489; Apr. 2.
 Pressure control apparatus. C. W. Dawson. 2,008,685; July 23.
 Pressure control apparatus. J. V. Thomas. 2,013,222; Sept. 3.
 Pressure control apparatus, Remote. P. B. R. Baas. 2,023,503; Dec. 10.
 Pressure control for pneumatic tires. L. M. Mercier. 2,004,822; June 11.
 Pressure control mechanism, Back. A. F. Schwendner. 2,009,418; July 30.
 Pressure control mechanism. M. A. Caserta. 2,024,759; Dec. 17.
 Pressure control system for wood grinders. E. A. Mahannah. 2,014,142; Sept. 10.
 Pressure control valve. E. P. McDonald. 2,025,603; Dec. 24.
 Pressure control valve, Differential. F. Simmons. 1,998,852; Apr. 23.
 Pressure controlling device, Fluid. C. D. Ruckman. 2,024,780; Dec. 17.
 Pressure electrolyzer for the production of hydrogen and oxygen. H. Niederreither. 2,007,096; July 2.
 Pressure exhaustor and cooker, Combined. A. R. Thompson. 2,020,342; Nov. 12.
 Pressure filter. B. Kelley. 2,000,137; May 7.
 Pressure flow synchronizer. C. H. Cleveland. 2,012,957; Sept. 3.
 Pressure foot adjusting device, Automatic. S. C. Mattingly. 2,008,621; July 16.
 Pressure gauge. V. Ey. 2,017,435; Oct. 15.
 Pressure gauge. A. I. Ferrier. 1,987,673; Jan. 15.
 Pressure gauge. R. L. Jewell. 2,024,003; Dec. 10.
 Pressure gauge. M. Klein. 2,002,950; May 28.
 Pressure gauge. W. Wagner. 2,011,264; Aug. 13.
 Pressure gauge calibrating mechanism. A. B. Ray. 2,009,592; July 30.
 Pressure gauge, Remote indicating. C. A. de Giers. 2,013,133; Sept. 3.
 Pressure head for oil wells. E. A. Johnson. 2,001,684; May 14.
 Pressure in tennis balls, Restoring. G. Miller. 2,012,283; Aug. 27.
 Pressure indicating device. R. E. Valentine. 2,024,752; Dec. 17.
 Pressure indicator valve. J. L. Swezey. 1,987,163; Jan. 8.
 Pressure lubricating apparatus. W. M. J. Jüllig. 1,996,158; Apr. 2.
 Pressure measuring system. P. B. Flanders. 2,001,096; May 14.
 Pressure medium, Method and apparatus for obtaining a. U. Meininghaus. 2,012,967; Sept. 3.
 Pressure method for introducing acid reagents into oil wells, Balanced. R. H. Carr and H. C. Humphrey. 2,018,199; Oct. 22.
 Pressure on top rolls, Relieving. J. C. Stubbs. 1,991,873; Feb. 19.
 Pressure reducing regulator, Nonfreezing. R. W. Wittemann. 1,988,289; Jan. 15.
 Pressure reducing valve. C. J. Kohler. 2,010,088; Aug. 6.
 Pressure reducing valve. S. E. B. Soderberg. 1,995,826; Mar. 26.
 Pressure reducing valve. T. L. Thorsen. 2,005,813; June 25.
 Pressure regulating and filtering device for fluids. V. Ey. 2,003,828; June 4.
 Pressure regulating and reducing device. W. McClintock. 2,008,722; July 23.
 Pressure regulating means for aircraft instruments. B. G. Carlson. 1,987,666; Jan. 15.
 Pressure regulating valve. H. A. Mantz. 2,010,872; Aug. 13.
 Pressure regulating valve. F. W. Wappat. 2,014,541; Sept. 17.

- Pressure regulation. A. J. Otto. 1,992,881; Feb. 26.
 Pressure regulator. A. Boynton. 2,007,363; July 9.
 Pressure regulator. W. V. Czarnecki, Jr. 1,998,223; Apr. 16.
 Pressure regulator. E. Edler. 1,987,505; Jan. 8.
 Pressure regulator. C. V. Foulds. 1,987,819; Jan. 15.
 Pressure regulator. A. J. Green. 2,026,424; Dec. 31.
 Pressure regulator. A. D. MacLean and W. H. Parker. 2,014,577; Sept. 17.
 Pressure regulator. A. Pfau. 2,022,975; Dec. 3.
 Pressure regulator. H. Sandvoss. 2,013,766; Sept. 10.
 Pressure regulator. W. I. Thrall. 2,015,977; Oct. 1.
 Pressure regulator and equalizer for vehicle tires. R. R. Haines. 2,014,618; Sept. 17.
 Pressure regulator control device. R. C. Hughes. 2,014,968; Sept. 17.
 Pressure regulator. Frictionless. G. G. Spencer. 1,987,162; Jan. 8.
 Pressure releasing device. H. Pittlick. 2,012,319; Aug. 27.
 Pressure responsive valve. A. C. Kleckner and H. E. Fellows. 1,996,697-8; Apr. 30.
 Pressure solvent filter. S. Malanowski. 2,024,463; Dec. 17.
 Pressure stabilizer for entrapped liquid. R. E. Bechtold. 2,013,431; Sept. 3.
 Pressure switch. H. L. Van Valkenburg and J. Zeller. 2,020,485; Nov. 12.
 Pressure to shoe bottoms. Mechanism for use in applying. F. J. Better. 2,005,755; June 25.
 Pressure to shoe bottoms. Mechanism for use in applying. F. Ricks. 2,018,808; Oct. 29.
 Pressure to the cylinders of the mechanisms for drawing textile rovings. Apparatus for imparting. F. Casablanca. 2,000,660; May 7.
 Pressure valve. Leakproof. E. Field. 2,024,349; Dec. 17.
 Pressures. Measuring bottom hold. J. H. Clark and H. N. Marsh. 1,991,658; Feb. 19.
 Prewarmer for airship engines. Portable electric. E. Witzel. 2,015,982; Oct. 1.
 Pre-welt shaping machine. C. G. Deubel. 2,004,195; June 11.
 Price sign. C. Pleuthner. 2,010,274; Aug. 6.
 Price tag support. J. B. Hamilton. 2,020,780; Nov. 12.
 Primary battery. F. Killian. 1,997,367; Apr. 9.
 Primary cell. M. L. Martus and E. H. Becker. 2,023,815; Dec. 10.
 Prime mover. B. B. Lacy. 1,990,872; Feb. 12.
 Primer for internal combustion engines. J. W. Fitz Gerald. 2,013,728; Sept. 10.
 Primer for internal combustion engines. Automatic. J. W. Fitz Gerald. 1,993,925; Mar. 12.
 Primer. Internal combustion engine. J. P. Johnson. 2,012,721 Aug. 27.
 Primer. Thermostatically controlled. G. M. Holley. 1,998,581; Apr. 23.
 Priming and ignition attachment for oil burners. Quick. A. Giarnese. 2,023,169; Dec. 3.
 Priming composition. F. Olsen, F. R. Seavey, and E. B. W. Kerone. 2,001,212; May 14.
 Priming composition. A. Weale. 2,024,406; Dec. 17.
 Priming device. J. B. Dyer. 2,012,757; Aug. 27.
 Priming mixture. W. Brün. 2,004,719; June 11.
 Priming mixture. J. E. Burns. 1,991,731; Feb. 19.
 Priming mixture. J. D. McNutt. 2,002,960; May 28.
 Priming mixture. J. D. McNutt. 2,004,505; June 11.
 Priming mixture. J. D. McNutt. 2,005,197; June 18.
 Priming mixture. J. D. McNutt. 2,009,556; July 30.
 Priming solution for wall paper and like pastes. G. Littig. 2,005,900; June 25.
 Print offset. Apparatus for preventing. T. F. Pinder. 2,017,257; Oct. 15.
 Printed fabric. A. W. Baylis. 2,002,359; May 21.
 Printed impression on leather or similar material having a mottled surface. Making a. F. A. Putnam. 1,993,806; Mar. 12.
 Printed matter. Method and apparatus for duplicating. F. W. Storck. 1,988,056; Jan. 15.
 Printer carriage control for cash registers. E. Wagner. 2,019,750; Nov. 5.
 Printer. Enlarging. M. I. Shvartz. 1,994,091; Mar. 12.
 Printer for motion picture films. Multiple. R. W. Fishback and E. Burns. 2,008,904; July 23.
 Printer. Offset. T. W. Horn. 2,007,571; July 9.
 Printer's blanket. T. E. Knowlton. 2,011,248; Aug. 13.
 Printer's press furniture base. C. F. Dausmann. 2,020,138; Nov. 5.
 Printing. S. J. Culotta. 1,997,454; Apr. 9.
 Printing. V. Dietz. 2,023,669; Dec. 10.
 Printing. G. H. Ernewein. 2,007,566; July 9.
 Printing. H. A. Lubs and J. E. Cole. 2,024,974; Dec. 17.
 Printing. W. K. Miller. 2,017,631; Oct. 15.
 Printing. V. Peterson and A. C. Schaefer. 2,000,094; May 7.
 Printing. J. H. Shea. 2,022,156; Nov. 26.
 Printing. R. Tonkin and J. S. Wilson. 2,003,960; June 4.
 Printing and article resulting therefrom. G. A. Fletcher. 1,997,769; Apr. 16.
 Printing and associating mechanism. A. M. Zuckerman. 2,016,309; Oct. 8.
 Printing and decorating by transfer on colored base materials. O. R. Huggins and F. D. Snell. 2,021,418; Nov. 19.
 Printing and dyeing. Method and apparatus for. A. B. Böschel. 1,993,524; Mar. 5.
 Printing and punching record controlled machine. M. Maul. 2,003,636; June 4.
 Printing apparatus. E. R. Newcomb. 2,005,046; June 18.
 Printing apparatus. W. B. Payne. 2,022,136; Nov. 26.
 Printing apparatus and type. E. S. Wessborg. 1,998,063; Apr. 16.
 Printing. Apparatus for optical. D. von Mihály. 2,023,348; Dec. 3.
 Printing apparatus for transferring bichrome or trichrome pictures to lenticulated films. A. Rodde, A. H. Hérault, V. Hudeley, and J. Lagrave. 2,022,432; Nov. 26.
 Printing apparatus. Rotary. H. P. Elliott. 1,988,113; Jan. 15.
 Printing articles. Method and machine for. H. A. Myers. 2,016,450; Oct. 8.
 Printing attachment for printing presses. Auxiliary rotary. W. M. Kelly. 2,000,486; May 7.
 Printing blanket. H. J. Luehrs. 1,999,733; Apr. 30.
 Printing blocks. Formation of. N. Ludvigsen. 1,996,429; Apr. 2.
 Printing by means of multicolored printing blocks. Process and device for rotary simultaneous. A. Sark (born Arunow). 1,998,028; Apr. 16.
 Printing control mechanism. H. A. Weinlich and U. Köln. 2,010,654; Aug. 6.
 Printing cylinder appliance. D. J. Scott. 1,989,889; Feb. 5.
 Printing device. W. T. Gollwitzer. 2,022,195; Nov. 26.
 Printing device. M. Hoag. 1,997,191; Apr. 9.
 Printing device. J. P. Jackson. 2,009,584; July 30.
 Printing device. A. B. Kruczek. 2,002,698; May 28.
 Printing device. C. D. Lake. 1,994,524; Mar. 19.
 Printing device. E. K. Large. 1,998,630; Apr. 23.
 Printing device. W. G. Read. 1,995,180; Mar. 19.
 Printing device. C. D. Ryan. 1,987,801; Jan. 15.
 Printing device for lenticulated films. H. Arni, F. Fischer, and K. Rantsch. 2,016,270; Oct. 8.
 Printing device for sound films. R. Schmidt. 2,021,264; Nov. 19.
 Printing device. Type cylinder. E. G. Rix. 2,001,890; May 21.
 Printing forms. Production of raised. E. Uher and S. Fränkel. 2,009,331; July 23.
 Printing head. P. M. Pope. 2,018,617; Oct. 22.
 Printing instrumentality for typewriting machines. F. H. Trego. 2,007,227-9; July 9.
 Printing machine. S. Anthony. 2,026,116; Dec. 31.
 Printing machine. J. A. Carlson. 2,001,520; May 14.
 Printing machine. W. Depenbrock. 2,013,604; Sept. 3.
 Printing machine. M. Fiehl. 2,019,897; Nov. 5.
 Printing machine. C. A. Flood. 2,007,526; July 9.
 Printing machine. W. T. Gollwitzer. 1,987,900; Jan. 15.
 Printing machine. W. T. Gollwitzer. 1,992,661-3; Feb. 26.
 Printing machine. W. T. Gollwitzer. 2,002,771-3; May 28.
 Printing machine. W. T. Gollwitzer. 2,006,991; July 2.
 Printing machine. I. Gurwick. 2,024,354; Dec. 17.
 Printing machine. A. W. Harries. 2,007,857; July 9.
 Printing machine. E. C. Hartley. 1,992,613; Feb. 26.
 Printing machine. E. C. Hartley. 2,002,737; May 28.
 Printing machine. E. C. Hartley. 2,022,198; Nov. 26.
 Printing machine. H. E. Hubbard. 2,009,618; July 30.
 Printing machine. J. Krell. 1,992,870; Feb. 26.
 Printing machine. J. Krell. 1,993,848; Mar. 12.
 Printing machine. J. Krell. 2,008,358; July 16.
 Printing machine. C. M. Lamb. 1,991,020; Feb. 12.
 Printing machine. C. M. and H. W. Lamb. 2,018,072; Oct. 22.
 Printing machine. E. L. Mueller. 2,024,594; Dec. 17.
 Printing machine. I. T. Nelson. 1,999,776; Apr. 30.
 Printing machine. R. J. Nordquist. 1,990,498; Feb. 12.
 Printing machine. W. G. Read. 2,025,307; Dec. 24.
 Printing machine. W. H. Rost. 2,017,920; Oct. 22.
 Printing machine. S. Tschonin. 1,999,550; Apr. 30.
 Printing machine. J. R. Tomlin and A. J. Horton. 2,022,696; Dec. 3.
 Printing machine for tubular bodies. H. J. Paynter and A. E. Bumpus. 2,015,086; Sept. 24.
 Printing machine. Record controlled. M. Maul. 2,009,021-22; July 23.
 Printing machine. Rotary. F. G. Lougee. 2,026,480; Dec. 31.
 Printing machine. Rotary. E. T. Morris. 2,018,642; Oct. 22.
 Printing machine. Rotary. H. A. W. Wood. 1,991,716; Feb. 19.
 Printing machine. Web-fed. E. G. Nixon. 1,999,472; Apr. 30.
 Printing machines. Sheet feeding mechanism for. W. K. Eckhard. 1,994,042; Mar. 12.
 Printing mechanism. J. W. Bryce. 1,997,167; Apr. 9.
 Printing mechanism. E. Buhler. 2,013,533; Sept. 3.
 Printing mechanism. F. J. Furman. 2,019,901; Nov. 5.
 Printing mechanism. A. W. Mills. 2,016,682; Oct. 8.
 Printing mechanism. E. J. Rabenda. 2,016,684; Oct. 8.
 Printing mechanism. G. Tauschek. 2,010,652; Aug. 6.
 Printing mechanism. Adjustable. W. J. Pearson. 2,003,218; May 28.
 Printing mechanism for accounting machines. C. D. Lake and G. F. Daly. 2,007,375; July 9.
 Printing mechanism for tabulators. A. W. Mills. 2,007,379; July 9.

- Printing member. S. A. Danser. 2,026,021; Dec. 31.
 Printing member. S. A. Danser. 2,026,272; Dec. 31.
 Printing member, Making a. C. P. Stirling. 2,010,042; Aug. 6.
 Printing members on drums, Device for attaching. L. H. Morse. 2,021,894; Nov. 26.
 Printing of animal fibers with mordant dyestuffs. P. Brandt. 2,018,436; Oct. 22.
 Printing or stamping device. J. J. Pleger. 1,987,370; Jan. 8.
 Printing plant. L. Harbison and S. C. Wilson. 2,014,043; Sept. 10.
 Printing plate. E. S. Ballard. 2,024,087; Dec. 10.
 Printing plate and forming the same. T. C. Browne and A. C. Butfield. 1,991,009; Feb. 12.
 Printing plate and making the same. J. MacLean. 2,004,824; June 11.
 Printing plate base. H. W. Hacker. 2,003,712; June 4.
 Printing plate clamping mechanism. F. G. Lougee and T. E. Pattinson. 1,996,581; Apr. 2.
 Printing plate clamping mechanism. F. G. Lougee and T. E. Pattinson. 2,022,681; Dec. 3.
 Printing plate, Producing a. E. S. Ballard. 2,024,086; Dec. 10.
 Printing plates and other articles of rubber, Manufacturing rubber. T. C. Browne. 2,022,183; Nov. 26.
 Printing plates, Cooling photo-mechanical. F. T. Powers. 2,011,650; Aug. 20.
 Printing plates, Making master. H. W. Hetherington. 2,009,262; July 23.
 Printing plates, Method and apparatus for producing. L. G. Taylor. 1,987,541; Jan. 8.
 Printing plates, Photographically producing. W. J. Wilkinson. 2,004,144; June 11.
 Printing press. M. W. Brueshaber and H. Lang. 1,989,843; Feb. 5.
 Printing press. C. S. Crafts. 1,993,874; Mar. 12.
 Printing press. C. S. Crafts. 2,014,016; Sept. 10.
 Printing press. H. N. Durham. 2,022,635; Nov. 26.
 Printing-press. C. W. Harrold. 2,002,814; May 28.
 Printing press. M. O. Jones and W. P. Shomaker. 1,988,596; Jan. 22.
 Printing press. M. O. Jones and W. P. Shomaker. 2,013,687; Sept. 10.
 Printing press. C. A. Meisel. 2,012,245; Aug. 20.
 Printing press. C. A. Meisel and G. R. Williams. 2,017,010; Oct. 8.
 Printing press. G. R. Meyercood. 1,989,375; Jan. 29.
 Printing press. A. B. Plushkell. 1,992,542; Feb. 26.
 Printing press. J. F. Sheppard. 2,004,801; June 11.
 Printing press. H. B. Willett. 1,993,232; Mar. 5.
 Printing press. H. A. W. Wood. 1,993,538; Mar. 5.
 Printing press. H. A. W. Wood. 2,003,639; June 4.
 Printing press. H. A. W. Wood. 2,025,927; Dec. 31.
 Printing press. J. A. Wray. 2,017,193; Oct. 15.
 Printing press, Bed and cylinder. C. B. Cottrell, 3d. 2,009,686-8; July 30.
 Printing press, Bed and cylinder. C. B. Cottrell, 3d. 2,020,020; Nov. 5.
 Printing press control. J. Sinton. 1,989,531; Jan. 29.
 Printing press. Convertible web. H. M. Barber. 2,024,813; Dec. 17.
 Printing press, Sheet feed rotary. H. M. Barber. 1,986,385; Jan. 1.
 Printing presses, Attachment for. C. Grillo. 1,986,631; Jan. 1.
 Printing presses, Feeding means for. A. Rosenthal. 1,987,872; Jan. 15.
 Printing presses, Feeding mechanism for. H. Irmscher. 2,003,364; June 4.
 Printing punch. U. Kölm and A. Köthner. 2,013,540; Sept. 3.
 Printing rolls, Production of. L. H. Harrison. 2,014,107; Sept. 10.
 Printing, Rotary intaglio. A. Weiss. 2,014,303; Sept. 10.
 Printing, stamping, and embossing machine. E. Roberts, Jr. 2,011,949; Aug. 20.
 Printing surface, holder. C. J. Beck. 2,016,954; Oct. 8.
 Printing surfaces, Apparatus for making. W. Zimmermann. 2,014,513; Sept. 17.
 Printing surfaces, Preparing. G. S. Rowell. 2,016,517; Oct. 8.
 Printing telegraph apparatus. C. W. Burcky and R. A. Lake. 2,023,121; Dec. 3.
 Printing telegraph apparatus. E. W. F. Hanke and W. J. Zenner. 1,989,688; Feb. 5.
 Printing telegraph apparatus. C. W. Swan. 1,989,716; Feb. 5.
 Printing telegraph apparatus. W. J. Zenner. 1,989,727; Feb. 5.
 Printing telegraph receiver. T. F. Lough. 2,021,366; Nov. 19.
 Printing telegraph system. A. G. Eklund. 2,017,091; Oct. 15.
 Printing telegraph system. A. H. Reiber and W. J. Zenner. 2,021,363; Nov. 19.
 Printing telegraph system. F. J. Singer and B. S. Swezey. 2,015,323; Sept. 24.
 Printing, Textile. H. A. Lubs and J. E. Cole. 2,024,973; Dec. 17.
 Printing thickener. A. Pfister. 2,011,728; Aug. 20.
 Prints, Apparatus and method for making projection. S. J. Boughton. 2,018,542; Oct. 22.
 Prints, Method and means for mounting. C. B. Beck. 2,017,200; Oct. 15.
 Prints or discharges on wool and other animal fibers, Producing. M. Zabel, O. Falek, and H. Seifert. 1,990,852; Feb. 12.
 Prints or enlargements from developed negatives, Apparatus for making contact. E. S. Hinehine. 2,003,190; May 28.
 Process and apparatus for manufacture of nitric. I. Hechenbleikner. 2,004,000; June 4.
 Processing apparatus. B. de H. Miller. 2,023,607; Dec. 10.
 Processing apparatus for fiber cakes. H. S. Drum and W. C. Dodson. 2,017,690; Oct. 15.
 Product and process for preparing same. W. A. Lazier. 2,004,874; June 11.
 Product comprising glucamines and related substances. R. B. Flint and P. L. Salzberg. 2,016,963; Oct. 8.
 Product containing oriented asymmetric bodies, Making a. E. H. Land. 1,989,371; Jan. 29.
 Product for the protection of contacts in electric circuits. J. Bauza. 1,994,849; Mar. 19.
 Product for treating bitumens. O. Smiley. 2,005,113; June 18.
 Product for use as germicide, fungicide, or insecticide. J. Hyman. 2,020,648; Nov. 12.
 Product of cashew nut shell liquid and resin and process therefor. F. M. Damitz. 2,014,370; Sept. 17.
 Product of methylolurea. M. Luther. 1,985,937; Jan. 1.
 Products from cotton seed solids, Manufacturing. H. M. Stadt. 2,015,242; Sept. 24.
 Products obtained in the oxidation of hydrocarbons, Separating. O. R. Sweeney, F. C. Vilbrandt, H. H. Beeson, and H. A. Montgomery. 2,024,954; Dec. 17.
 Products of fermentation, Producing. C. H. Werkman, C. H. Rayburn and R. M. Hixon. 1,991,993; Feb. 19.
 Products of great value, easily and rapidly, by electrolytic means, Obtaining. H. Kuppel and L. Simeant. 2,007,091; July 2.
 Products of plastic materials. L. C. Bonnot. 1,995,791; Mar. 26.
 Profile gauge. E. C. Whitney. 2,022,628; Nov. 26.
 Profiling attachment for planers. H. A. Tham. 2,006,121; June 25.
 Profiling machine. F. J. Bickel. 2,018,435; Oct. 22.
 Profiling machine. A. M. Drake. 1,996,408; Apr. 2.
 Profiling machine. H. R. Geer. 2,010,662; Aug. 6.
 Profiling tracer. R. D. Shaw. 1,996,438; Apr. 2.
 Profiling tracer, Automatic template following. R. D. Shaw. 1,996,439; Apr. 2.
 Program distribution for trains. A. R. Hopkins. 2,008,279; July 16.
 Program distribution system. E. I. Green. 2,002,603; May 28.
 Program indicator. J. H. Davidson and J. F. Mullaney. 1,986,326; Jan. 1.
 Progressive container. E. N. Snodgrass and M. E. Holy. 2,000,301; May 7.
 Progressive distributing lubricator. B. Gunderson. 2,023,071; Dec. 3.
 Progressor for a transverse brush fruit treating machine. F. W. Cutler. 1,997,044; Apr. 9.
 Projectile. C. Aragon. 1,999,747; Apr. 30.
 Projectile, Armor piercing. C. Fornaci. 2,021,685; Nov. 19.
 Projectile for firearms. D. A. Brengle. 2,014,367; Sept. 17.
 Projectile, including a method of increasing its piercing power, Armour piercing. V. S. Makaroff. 2,022,137; Nov. 26.
 Projecting apparatus. A. B. Scott. 2,020,521; Nov. 12.
 Projecting apparatus. A. E. Wier. 1,998,889; Apr. 23.
 Projecting machine and the optical system therefor. J. D. Basson. 2,002,498; May 28.
 Projecting mechanism. N. M. La Porte. 2,007,018; July 2.
 Projection. W. G. Wolfe. 2,013,845; Sept. 10.
 Projection apparatus. J. Eggert and G. Heymer. 2,013,178; Sept. 3.
 Projection apparatus. E. H. Unkles. 2,018,691; Oct. 29.
 Projection, Apparatus for double simultaneous. R. Thomas. 2,016,691; Oct. 8.
 Projection apparatus, Multiple. A. D. Eitzen. 1,990,477; Feb. 12.
 Projection lens system. L. W. Bowen. 1,996,054; Apr. 2.
 Projection machine. A. B. Scott. 2,008,878; July 23.
 Projection screen. J. F. Thomson. 2,016,185; Oct. 1.
 Projection screen and allied methods. D. F. Newman. 2,024,382; Dec. 17.
 Projection system. H. C. Conord. 2,016,034; Oct. 1.
 Projection system and method. D. F. Newman. 2,023,970; Dec. 10.
 Projection unit. F. N. Jones. 2,003,890; June 4.
 Projector. C. L. Fitz. 2,008,089; July 16.
 Projector. H. B. Watkins. 2,016,188; Oct. 1.
 Projector, Automatic. C. E. Slaughter. 2,005,759; June 25.
 Projector base. P. W. Cornelius. 1,991,493; Feb. 19.
 Projector, Construction. E. P. Knox. 2,017,503; Oct. 15.
 Projector, Dust and heat shielded. K. Brenkert. 2,014,877; Sept. 17.
 Projector film gate. W. H. Bauch. 2,014,099; Sept. 10.
 Projector lamp. T. O. Hall. 2,018,717; Oct. 29.
 Projector, Light coupled. T. H. Nakken. 1,987,205; Jan. 8.
 Projector with slow speed deflectors, Continuous. W. A. Kosken. 2,018,069; Oct. 22.
 Prong for vacuum tubes. R. S. Russell. 1,998,525; Apr. 23.

- Proofs, Making. R. Lowensohn. 2,002,293; May 21.
 Prop, Pit. H. Toussaint. 2,021,272; Nov. 19.
 Prop, Plant. L. A. Grennan. 2,021,303; Nov. 19.
 Propane and its partially chlorinated derivatives, Chlorinating. H. B. Hass and E. T. McBee. 2,004,073; June 4.
 Propane dewaxing, Continuous. H. V. Atwell. 2,006,011; June 25.
 Propane, Purifying. K. Kingman. 1,988,740; Jan. 22.
 Propeller. E. E. Arnold. 1,997,671; Apr. 16.
 Propeller. G. S. Faber. 2,003,073; May 28.
 Propeller. O. F. A. E. Grumpelt. 2,022,562; Nov. 26.
 Propeller. C. H. Havill. 2,019,965-6; Nov. 5.
 Propeller. C. H. Havill and A. S. Walton. 2,008,865; July 23.
 Propeller. W. H. Leinweber. 2,010,094; Aug. 6.
 Propeller. M. A. Smith, Jr. 2,007,506; July 9.
 Propeller. H. G. Warren. 2,023,454; Dec. 10.
 Propeller. J. Weichwald. 2,014,242; Sept. 10.
 Propeller, Aeronautical. H. Sukohl and L. Hoffmann. 1,987,760; Jan. 15.
 Propeller blade and making the same. S. Whitworth. 1,992,338; Feb. 26.
 Propeller blades, Making. V. Bendix. 1,996,850; Apr. 9.
 Propeller blades, Making variable pitch. A. A. Handler. 1,995,451; Mar. 26.
 Propeller clamping and balancing ring. J. E. Larason. 1,995,312; Mar. 26.
 Propeller construction. J. W. Bace. 2,013,647; Sept. 10.
 Propeller construction, Hollow steel. D. A. Dickey. 2,004,102; June 11.
 Propeller, Controllable pitch. P. F. Hackethal. 1,998,407; Apr. 16.
 Propeller fan. C. A. Stilphen. 1,995,193; Mar. 19.
 Propeller, Feathering. L. Sveinsson. 2,016,842; Oct. 8.
 Propeller, Folding. C. Dornier. 2,021,481; Nov. 19.
 Propeller for aircraft and for like purposes. A. G. Forsyth. 1,999,326; Apr. 30.
 Propeller for aircraft, Variable pitch. H. S. Hubbell. 2,023,684; Dec. 10.
 Propeller, Hollow. W. S. Hoover. 1,988,202; Jan. 15.
 Propeller log. P. L. Munster and O. A. Thelin. 1,989,332; Jan. 29.
 Propeller pitch adjusting mechanism. C. H. Martens. 1,994,143; Mar. 12.
 Propeller, Reversible. R. Michl. 2,010,640; Aug. 6.
 Propeller shaft. S. Jencick. 2,003,508; June 4.
 Propeller shaft. B. A. Swennes. 2,001,165-7; May 14.
 Propeller shaft. H. L. Waisner. 2,024,671; Dec. 17.
 Propeller shafts, Supporting. H. Junkers. 2,012,997; Sept. 3.
 Propeller, Ship. C. J. Ward. 2,001,896; May 21.
 Propeller, Variable. F. M. Kent. 2,005,343; June 18.
 Propeller, Variable pitch. C. MacCallum. 2,020,366; Nov. 12.
 Propeller wheel. T. F. W. Meyer and E. R. Darby. 2,011,821; Aug. 20.
 Propellers, Making. S. Heath. 2,012,389; Aug. 27.
 Propelling and clamping means for mobile drills, Interlocked. D. C. Klausmeyer. 2,020,785; Nov. 12.
 Propelling and steering mechanism for aircraft, Combined front and rear. R. W. Davis. 1,987,606; Jan. 15.
 Propelling device. R. L. Jones. 2,021,510; Nov. 19.
 Propelling device for aircraft and the like. W. Stelzer. 1,992,333; Feb. 26.
 Propelling mechanism for aircraft and the like. L. Netter. 1,990,462; Feb. 5.
 Proportional control. G. D. Kingsland. 1,999,053; Apr. 23.
 Proportionate feeder. W. McN. Hutchinson. 1,997,970; Apr. 16.
 Proportioner for treating material. H. C. Waugh. 2,021,248; Nov. 19.
 Proportioning apparatus. R. Lowe. 1,999,881; Apr. 30.
 Proportioning control system. L. L. Cunningham. 1,989,972; Feb. 5.
 Proportioning device for fluids. R. J. Short. 2,024,479-80; Dec. 17.
 Proportioning device for liquids. R. J. Short. 2,024,478; Dec. 17.
 Propulsion device, Pneumatic. G. P. McManamna. 1,991,403; Feb. 19.
 Propulsion machine. G. S. Nelson. 2,020,566; Nov. 12.
 Propulsion means. S. Kiss. 2,012,568; Aug. 27.
 Propulsion unit, Auxiliary. J. A. McGrew. 2,024,298; Dec. 17.
 Prospecting tool. F. C. Chew. 1,994,884; Mar. 19.
 Protecting device for storage battery plates. F. E. E. Booss. 1,990,976; Feb. 12.
 Protection device for telephones. J. R. Rodth. 1,993,382; Mar. 5.
 Protective apparatus. A. O. Austin. 2,011,136; Aug. 13.
 Protective apparatus for electric systems. A. R. van C. Warrington. 2,011,387; Aug. 13.
 Protective arrangement. W. Diesendorf. 2,008,544; July 16.
 Protective arrangement for alternating-current power systems. R. Wideröe. 2,008,532; July 16.
 Protective arrangement for electric systems. E. Gross. 2,008,498; July 16.
 Protective arrangement for electric systems. F. M. Starr. 2,020,972; Nov. 12.
 Protective composition and making same. W. W. Joyce. 1,991,393; Feb. 19.
 Protective device. C. J. Anderson. 2,020,818; Nov. 12.
 Protective device. L. W. Coan. 1,999,894; Apr. 30.
 Protective device. G. R. Eldred. 2,020,579; Nov. 12.
 Protective device. W. G. Ellis. 2,010,814; Aug. 13.
 Protective device. W. L. Morrison. 2,012,541; Aug. 27.
 Protective device for automobiles. G. Searle. 2,009,026; July 23.
 Protecting device for automobile upholstery. W. C. Groff and W. C. Siebens. 2,003,435; June 4.
 Protecting device for baseball umpires. C. R. Tobin. 2,001,508; May 14.
 Protective device for casinghead drips. O. B. Zeek. 2,022,267; Nov. 26.
 Protective device for elevators and elevator shaftways. L. A. Gaudry. 2,003,588; June 4.
 Protective device for knitting and the like. H. I. Kirkpatrick. 2,020,556; Nov. 12.
 Protective device in amplifier circuit. J. F. Cook, Jr. 2,022,406; Nov. 26.
 Protective head gear for chickens. J. E. Layton. 2,018,796; Oct. 29.
 Protective hood for paper making machines. H. G. Chaitin. 1,996,364; Apr. 2.
 Protective means for delta connected transmission lines. W. A. Hillebrand. 1,988,121; Jan. 15.
 Protective means for mercury arc devices. D. C. Prince. 2,015,041; Sept. 17.
 Protective means for mercury arc devices. D. C. Prince. 2,025,548; Dec. 24.
 Protective scheme for transmission lines. H. Neugebauer. 2,005,905; June 25.
 Protective system. M. W. Brainard. 2,015,586; Sept. 24.
 Protective system. G. Darrieus. 1,987,285; Jan. 8.
 Protective system. S. L. Goldsborough. 2,023,070; Dec. 3.
 Protective system. S. H. Kast. 1,995,678; Mar. 26.
 Protective system. R. C. Samuels. 2,004,768; June 11.
 Protective system. J. K. Stafford. 2,016,911; Oct. 8.
 Protective system. A. M. Trozner. 2,002,555; May 28.
 Protective system. H. W. H. Wellington. 2,018,823; Oct. 29.
 Protective system. S. Widmer. 1,999,745; Apr. 30.
 Protective system, Electric. S. M. Viele. 2,018,241; Oct. 22.
 Protective system for discharge devices. F. Socher and C. Hofmann. 2,018,235; Oct. 22.
 Protective system for electric meters. H. D. Morton. 2,019,866; Nov. 5.
 Protective system for oil burners. E. D. Harrington. 1,985,991; Jan. 1.
 Protective system for vapor electric converters. D. Silverman. 2,015,537; Sept. 24.
 Protective system, Undervoltage. J. W. Owens. 2,001,542; May 14.
 Protective systems, Time delay undervoltage. B. W. Jones. 2,001,494; May 14.
 Protector: See—
 Automatic network protector.
 Hat brim protector.
 Network protector.
 Oven protector.
 Paint brush protector.
 Pipe protector.
 Pipe thread protector.
 Plant protector.
 Pole protector.
 Railway journal protector.
 Rumble seat protector.
 Safe protector.
 Seed and plant protector.
 Sleeve protector.
 Steering wheel protector.
 Stocking foot protector.
 Stocking protector.
 Surge protector.
 Syndrome protector.
 Tobacco flue protector.
 Toe protector.
 Trellis and plant protector.
 Under arm protector.
 Weather protector.
 Window protector.
 Protector cap. R. J. Hauck. 2,011,897; Aug. 20.
 Protector for bottom portions of window and door draperies. E. Dewey. 2,017,181; Oct. 15.
 Protector for bung, tap, cork holes, and the like. E. Oldham. 1,990,916; Feb. 12.
 Protector for covers of loose leaf binders. F. C. Bingham. 2,001,651; May 14.
 Protector for drive shaft joints. C. C. Bishoff. 2,025,635; Dec. 24.
 Protector for hat sweatbands. E. Israel. 2,024,366; Dec. 17.
 Protector for headlights. N. F. Judah. 2,013,053; Sept. 3.
 Protector for hot top rings. W. M. Charman. 1,997,677; Apr. 16.
 Protector for insect poison. G. Vinson. 2,009,305; July 23.
 Protector for plain end pipes. A. H. Riney. 2,013,254; Sept. 3.
 Protector for trees. G. Emerson. 1,987,394; Jan. 8.
 Protector mechanism and shuttle control. O. V. Payne. 2,012,052; Aug. 20.

- Proteinaceous matter by chlorine, Precipitation of. S. Ansbacher, G. E. Flanagan, and G. C. Supplee. 2,021,712; Nov. 19.
- Protractor. L. G. Cox. 2,000,926; May 14.
- Protractor. F. C. Heyerdahl. 2,009,887; July 30.
- Protractor. J. C. Hochman. 2,011,282; Aug. 13.
- Protractor. J. Milla. 1,999,105; Apr. 23.
- Protractor. M. A. Sharar. 1,986,684; Jan. 1.
- Prunes, Drying. A. H. Boyd. 1,999,533; Apr. 30.
- Pruning device. F. May. 2,021,736; Nov. 19.
- Pruning book. T. Ziminski. 2,007,700; July 9.
- Pruning implement or tool. J. H. Rich. 2,006,874; July 2.
- Pruning tool. P. Allen. 2,018,908; Oct. 29.
- Pull and drag-saw machine. T. Telesky. 2,005,961; June 25.
- Pull indicator. J. W. and H. Wunsch. 2,025,928; Dec. 31.
- Pull-match package and holder therefor. O. Koehler. 2,014,182; Sept. 10.
- Puller: See—
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| Battery terminal puller. | Hydraulic puller. |
| Bobbin puller. | Staple puller. |
| Bushing puller. | Stump puller. |
| Car puller. | Sugar beet puller. |
| Dandelion puller. | Weed and plant puller. |
| Gear puller. | Weed puller. |
| Hub puller. | Wheel puller. |
- Pulling-over machine. B. Jorgensen. 2,007,973; July 16.
- Pulley. K. B. Douville. 2,013,268; Sept. 3.
- Pulley. E. E. Maurey. 2,006,145; June 25.
- Pulley connection. H. A. Dallwig, Jr. 1,986,325; Jan. 1.
- Pulley drum for motor vehicles. D. S. Kennedy. 2,004,554; June 11.
- Pulley, Fair lead. F. H. McCullough. 2,020,073; Nov. 5.
- Pulley having teeth of variable pitch, Driving. A. Keggresse. 1,986,270; Jan. 1.
- Pulley or idler. J. J. Neuman. 2,023,611; Dec. 10.
- Pulley, Sheet metal. R. E. Stoll. 1,995,907; Mar. 26.
- Pulley, Variable speed. A. F. Howe. 2,022,115; Nov. 26.
- Pulleys, Making fibrous. G. R. Fox. 1,999,409; Apr. 30.
- Pulp and the like, Apparatus for refining. C. B. Thorne. 2,008,603; July 16.
- Pulp article, Molded. S. Bisbee, W. E. Parsons, and W. M. Sheffield. 2,020,454; Nov. 12.
- Pulp article, Molded. R. L. Emery. 2,007,523; July 9.
- Pulp article, Molded. J. M. Hart. 2,023,470; Dec. 10.
- Pulp articles, Apparatus for drying molded. W. H. Randall. 2,017,017; Oct. 8.
- Pulp articles, Drying sized molded. M. P. Chaplin. 1,988,161; Jan. 15.
- Pulp articles, Method of and apparatus for molding. R. D. Heymann and F. C. Clark. 2,025,053; Dec. 24.
- Pulp, Bleaching. C. T. Henderson. 1,990,942; Feb. 12.
- Pulp digesting method and system. F. W. Adams and G. S. Witham, Jr. 1,991,365; Feb. 19.
- Pulp from waste paper, Reclaiming. F. H. Snyder. 1,991,823; Feb. 19.
- Pulp, Hydration of. G. S. Witham, Jr. 2,000,268; May 7.
- Pulp manufacture. C. K. Textor. 2,022,872-3; Dec. 3.
- Pulp, Manufacture of. A. J. A. Asplund. 2,008,892; July 23.
- Pulp, Method of and apparatus for bleaching and refining. C. B. Thorne. 1,989,571; Jan. 29.
- Pulp molding machine. A. H. Maginnis. 2,000,085; May 7.
- Pulp or fibrous-mass breaker. W. F. Traudt. 1,992,261; Feb. 26.
- Pulp, Process and apparatus for the refining of. C. B. Thorne. 2,013,115; Sept. 3.
- Pulp, Process of and apparatus for producing. W. Brubacher. 2,008,635; July 16.
- Pulp, Purifying. H. Freeman and J. W. Hunter. 1,988,416; Jan. 15.
- Pulp screening machine. N. M. Knight. 2,003,150; May 28.
- Pulp treating process. J. D. Rue. 2,001,268; May 14.
- Pulp treating process. J. S. Sconce. 2,021,612; Nov. 19.
- Pulps containing hard binder substances, Preparation of. H. C. Fisher. 2,022,311; Nov. 26.
- Pulsator for milking machines. J. G. Degerth. 2,021,839; Nov. 19.
- Pulsator for milking machines. F. G. Hodsdon. 2,017,754; Oct. 15.
- Pulsator for milking machines. F. Mortensen. 1,987,515; Jan. 8.
- Pulsator for receptors or depurators. E. De Bogory. 2,012,224; Aug. 20.
- Pulse actuated switch. F. Liberson. 2,017,006; Oct. 8.
- Pulse transmission, System of. P. T. Farnsworth. 2,026,379; Dec. 31.
- Pulverization. M. Frisch. 1,990,178; Feb. 5.
- Pulverized bodies, Apparatus for projecting molten. F. P. C. Benoit. 1,998,217; Apr. 16.
- Pulverized fuel feeder. C. M. Buck. 2,021,171; Nov. 19.
- Pulverizer. P. C. Forrester. 2,012,602; Aug. 27.
- Pulverizer, Rotary soil. M. S. Ariens. 2,025,494; Dec. 24.
- Pulverizing apparatus. F. H. Daniels. 2,013,800; Sept. 10.
- Pulverizing machine. A. A. and H. F. Holbeck. 2,016,496-7; Oct. 8.
- Pulverizing mill. E. G. Bailey, P. R. Cassidy, and R. M. Hardgrove. 2,012,802; Aug. 27.
- Pulverous material into bags, Apparatus for packing. K. Middleboe. 2,009,408; July 30.
- Pulverulent material, Apparatus for conveying and conditioning. E. J. Lauterbur and F. X. Lauterbur. 2,003,716; June 4.
- Pulverulent or granular material and the like, Handling. G. C. Woodruff. 2,020,628; Nov. 12.
- Pump: See—
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| Air or gas lift pump. | Motor pump. |
| Barrel pump. | Multiple rotary pump. |
| Centrifugal pump. | Oil or other liquid fuel pump. |
| Circulating pump. | Oil pump. |
| Compressor and vacuum pump. | Oil well pump. |
| Concrete pump. | Piston pump. |
| Deep well pump. | Plunger pump. |
| Diaphragm pump. | Reciprocating pump. |
| Double-acting hydraulic pump. | Rodless pump. |
| Electrical vacuum pump. | Rotary pump. |
| Electrically operated pump. | Self-lubricating pump. |
| Filling pump. | Self-priming pump. |
| Fluid displacing pump. | Slush pump. |
| Fluid jet pump. | Solid plunger liner pump. |
| Fluid lift pump. | Spray pump. |
| Fluid pump. | Stereotype metal pump. |
| Fuel injection pump. | Suction pump. |
| Fuel pump. | Surgical pump. |
| Fumigating pump. | Table air pump. |
| Gasoline pump. | Thermally actuated pump. |
| Hydropneumatic pump. | Tire pump. |
| Leg actuated pump. | Trench pump. |
| Lift pump. | Vacuum heating pump. |
| Liquid dispensing pump. | Vacuum pump. |
| Liquid metering pump. | Vane type pump. |
| Liquid pump. | Variable capacity pump. |
| Motor driven pump. | Variable stroke pump. |
- Pump. M. D. Aisenstein. 2,017,826; Oct. 15.
- Pump. J. Aivaz. 2,013,484; Sept. 3.
- Pump. H. D. Ballard. 2,011,139; Aug. 13.
- Pump. B. M. Baxter. 2,013,455; Sept. 3.
- Pump. E. Benedek. 1,990,263; Feb. 5.
- Pump. E. Benedek. 2,006,879; July 2.
- Pump. E. Benedek. 2,016,812; Oct. 8.
- Pump. E. K. Benedek. 2,024,420; Dec. 17.
- Pump. R. Bernhardt. 2,025,846; Dec. 31.
- Pump. L. Coyle. 1,999,655; Apr. 30.
- Pump. M. E. Crowley. 2,023,466; Dec. 10.
- Pump. C. E. Duncan and F. O. Leeman. 1,993,053; Mar. 5.
- Pump. A. C. Durdin, 3d. 2,003,350; June 4.
- Pump. W. Ferris, J. P. Ferris, G. H. Fobian and E. K. Benedek. 2,001,957; May 21.
- Pump. F. F. Flint. 2,022,660; Dec. 3.
- Pump. W. C. Franklin. 2,026,306; Dec. 31.
- Pump. M. J. Goldberg. 1,993,369; Mar. 5.
- Pump. B. and T. Grob. 1,998,083; Apr. 16.
- Pump. J. B. Grob. 1,992,748; Feb. 26.
- Pump. R. E. L. Holmes. 2,019,969; Nov. 5.
- Pump. O. F. Lillia. 2,012,244; Aug. 20.
- Pump. S. H. Lundh. 2,011,864; Aug. 20.
- Pump. C. E. McGregor. 1,988,131; Jan. 15.
- Pump. D. Mitchell, Jr. 2,014,860; Sept. 17.
- Pump. C. H. Moneypenny. 2,003,666; June 4.
- Pump. G. More and G. A. Oberg. 1,997,069; Apr. 9.
- Pump. A. J. and K. T. Penick. 2,002,713; May 28.
- Pump. M. C. Santiago and J. de Bruyne. 1,988,337; Jan. 15.
- Pump. K. Schoene. 1,990,618; Feb. 12.
- Pump. D. R. Scholes. 1,993,184; Mar. 5.
- Pump. P. L. Scott. 1,990,139; Feb. 5.
- Pump. W. N. Smith. 2,021,156; Nov. 19.
- Pump. J. Stalder. 2,023,250; Dec. 3.
- Pump. E. A. Terrell. 2,006,779; July 2.
- Pump. E. O. P. Thege. 1,989,720; Feb. 5.
- Pump. E. O. P. Thege. 2,019,103; Oct. 29.
- Pump. J. Treloar. 2,024,787; Dec. 17.
- Pump. R. H. Wainford. 2,023,559; Dec. 10.
- Pump. G. Webb. 1,993,423; Mar. 5.
- Pump. E. J. Wendell. 2,022,610; Nov. 26.
- Pump. A. Wicha. 1,987,315; Jan. 8.
- Pump actuating mechanism. E. W. Patterson. 1,986,012; Jan. 1.
- Pump and distributing apparatus for internal combustion engines, Fuel. C. L. Cummins. 2,001,126; May 14.
- Pump and electric motor unit, Submersible. J. F. Halde-man. 2,004,866; June 11.
- Pump and motor structure. S. T. Nelson. 2,023,609; Dec. 10.
- Pump and pumping system, Multistage. A. C. Kleckner. 2,009,137; July 23.
- Pump and rotor therefor, Wet vacuum. C. Saborio. 1,988,875; Jan. 22.
- Pump and the like, Centrifugal. J. Lichtenstein. 2,005,429; June 18.
- Pump, compressor, and the like. J. L. Kempthorne. 2,016,605; Oct. 8.
- Pump, compressor, and the like, Rotary. M. R. Hutchison, Jr. 1,986,202; Jan. 1.
- Pump and pump assembly. F. A. Waterous and R. R. Boyles. 2,013,260; Sept. 3.
- Pump and valve for liquid dispensing devices. H. T. Baggett and H. D. Bolton. 1,993,255; Mar. 5.
- Pump apparatus, Boiler feed. J. O. Becker. 2,007,138; July 2.
- Pump, compressor, and the like, Rotary. J. Southern. 2,020,525; Nov. 12.

- Pump, compressor, engine, and the like, Rotary. M. R. Hutchison, Jr. 2,006,298; June 25.
- Pump, compressor, motor, and the like, Rotary. W. Morgan. 1,999,339; Apr. 30.
- Pump, compressor, or driven motor, Rotary. J. M. Hand. 2,015,807; Sept. 24.
- Pump construction. E. G. Ardrey. 2,006,727; July 2.
- Pump construction. R. G. Barzen. 1,998,266; Apr. 16.
- Pump construction. C. Groen. 2,019,784; Nov. 5.
- Pump construction. H. E. La Bour. 1,993,999; Mar. 12.
- Pump control. F. C. Collin. 1,987,466; Jan. 8.
- Pump control. J. K. Douglas. 2,009,608; July 30.
- Pump fitting. P. S. Morgan. 2,017,350; Oct. 15.
- Pump for absorption refrigerating machines, Liquor. G. Maiuri. 1,989,520; Jan. 29.
- Pump for automatic periodically working gas analyzers. R. Praüttsch. 2,005,504; June 18.
- Pump for concrete and analogous plastic mixtures. C. F. Ball. 2,007,888; July 9.
- Pump for Diesel engines, Fuel. E. Schutzniedrig. 2,018,975; Oct. 29.
- Pump for hydraulic drives. T. J. Schlueter. 2,006,280; June 25.
- Pump for internal-combustion engines, Fuel. R. L'Orange. 2,010,696; Aug. 6.
- Pump for internal combustion engines, Fuel injection. H. Steiner. 2,011,165-6; Aug. 13.
- Pump for thermal jugs. J. L. Lacke. 2,022,208; Nov. 26.
- Pump for wind mills, Cylinder. C. L. Ringius. 2,023,771; Dec. 10.
- Pump for windshield cleaner systems, Booster. H. Hueber and E. C. Horton. 2,022,643; Nov. 26.
- Pump hand priming, Fuel. A. M. Babitch. 1,991,537; Feb. 19.
- Pump head. R. E. Swanson. 1,998,414; Apr. 16.
- Pump-injector apparatus. J. Nicolas. 2,014,088; Sept. 10.
- Pump jack. F. Bolagek. 2,025,433; Dec. 24.
- Pump jack. R. E. Slader. 2,017,169; Oct. 15.
- Pump locking device. C. R. Buchet. 2,016,984; Oct. 8.
- Pump mechanism. C. L. Cummins. 1,988,164; Jan. 15.
- Pump mechanism. E. R. Gradhe. 2,007,140; July 2.
- Pump mechanism. J. W. Purvis. 2,025,771; Dec. 31.
- Pump mechanism, Bilge. A. V. Sims. 2,018,687; Oct. 29.
- Pump of the constant delivery type, Positive displacement. H. J. Kratzer. 2,022,207; Nov. 26.
- Pump operating mechanism. A. M. Matherne. 2,001,033; May 14.
- Pump or compressor, Combined velocity and displacement. J. Cannizzaro. 1,991,541; Feb. 19.
- Pump or compressor, Rotary. J. F. Jaworowski. 2,023,594; Dec. 10.
- Pump or engine. S. B. Brown. 2,001,011; May 14.
- Pump or motor. W. Ferris. 1,998,984; Apr. 23.
- Pump or motor, High pressure radial piston hydraulic. E. K. Benedek. 2,006,889; July 2.
- Pump or motor, Hydraulic. W. Ernst. 2,021,353; Nov. 19.
- Pump or motor, Hydraulic. R. E. Flanders. 2,015,423; Sept. 24.
- Pump or motor, Variable delivery. E. K. Benedek. 2,000,271; May 7.
- Pump or motor, Variable delivery. E. K. Benedek. 2,023,216; Dec. 3.
- Pump piston lubrication construction. I. M. Phillips and P. W. Kalinsev. 2,005,107; June 18.
- Pump plunger, Flexible. C. S. Crickmer and H. R. Standlee. 2,003,679; June 4.
- Pump priming means. W. H. Noble. 1,995,812; Mar. 26.
- Pump system, Liquid dispensing. L. McCandless. 2,008,460; July 16.
- Pump system, Vacuum pressure fuel. W. H. Schulze and L. H. Wheeler. 2,016,580; Oct. 8.
- Pump-turbine, Hydraulically reversible. L. F. Moody. 2,010,555; Aug. 6.
- Pump unit. C. L. Babb. 2,000,874; May 7.
- Pump unit. W. R. Hough. 2,023,017; Dec. 3.
- Pump valve. G. E. Campbell. 2,011,547; Aug. 13.
- Pump valve. J. C. Enders. 2,007,851; July 9.
- Pump valve. A. R. Steirly. 2,018,288; Oct. 22.
- Pump valve. M. L. Vallendor and P. C. Fly. 2,011,740; Aug. 20.
- Pump valve control. J. W. Blume and C. Gaulke. 1,988,296; Jan. 15.
- Pumping and metering system for tank trucks. A. J. Granberg. 2,017,345; Oct. 15.
- Pumping apparatus. C. H. Ferguson. 1,993,267; Mar. 5.
- Pumping apparatus. G. L. Ferguson. 2,006,590; July 2.
- Pumping apparatus. A. M. Lockwood. 2,011,451; Aug. 13.
- Pumping apparatus, Deep well. A. M. Herbsman, N. B. Currier, and R. B. Campbell. 2,022,859; Dec. 3.
- Pumping apparatus, Hydraulic. F. A. Lower. 2,019,353; Oct. 29.
- Pumping apparatus, Oil well. D. M. Hammett. 2,017,694; Oct. 15.
- Pumping means. A. von Wangenheim. 1,991,340; Feb. 12.
- Pumping mechanism. H. Hornschuch and A. L. McHugh. 1,997,418; Apr. 9.
- Pumping mechanism. A. L. McHugh. 1,991,761; Feb. 19.
- Pumping mechanism. C. W. Vogt. 2,013,017; Sept. 3.
- Pumping mechanism. W. H. Wineman. 2,004,145; June 11.
- Pumping mechanism, Automatically controlled fluid. C. W. Dawson. 2,010,062; Aug. 6.
- Pumping power. R. F. Leonard. 2,022,918; Dec. 3.
- Pumping power. C. McLane. 2,014,625; Sept. 17.
- Pumping power, Geared. J. R. Mahan and J. B. Picard. 2,003,601; June 4.
- Pumping system. A. G. Sheppard. 2,021,613; Nov. 19.
- Pumping system for oil burners. C. A. Metzger. 1,998,020; Apr. 16.
- Pumping system, Hydraulic. R. B. Bryant. 2,013,129; Sept. 3.
- Pumping unit. R. A. Norling. 2,020,956; Nov. 12.
- Pumping unit. E. C. Wells and A. H. Krueer. 2,023,039; Dec. 3.
- Pumping unit, Hydraulic. J. W. McQuaid. 2,003,004; May 28.
- Pumping unit with sliding gear crank arm release. W. C. Trout. 2,019,549; Nov. 5.
- Pumps, compressors, and engines, Mechanism for use in. J. L. Kempthorne. 1,992,374; Feb. 26.
- Pumps, Making centrifugal. M. B. MacNeille. 1,986,836; Jan. 8.
- Pumps, Operation and regulation of reciprocating. G. A. F. Winckler. 2,018,429; Oct. 22.
- Pumps, Regulating mechanism for. J. van Dartelen. 1,993,904; Mar. 12.
- Punch. K. Klaus. 2,018,366; Oct. 22.
- Punch. I. B. Knutson. 2,016,686; Oct. 8.
- Punch, Automatic card. J. W. Bryce. 2,016,705; Oct. 8.
- Punch, Can. B. E. Dougherty. 2,002,173; May 21.
- Punch, Combination hole. J. T. Schaafl. 1,989,887; Feb. 5.
- Punch, Duplicating. G. F. Daly and G. Lowkrantz. 2,016,706; Oct. 8.
- Punch ejector die. S. Singer. 1,993,041; Mar. 5.
- Punch, Key. L. M. Keefe. 1,994,315; Mar. 12.
- Punch machine, Sheet metal. G. T. Balfe. 2,000,208; May 7.
- Punch press. V. A. Boker. 1,997,292; Apr. 9.
- Punch press. M. F. Bollaert. 1,988,935; Jan. 22.
- Punch press assembly. W. J. Taylor, J. A. Boudreau, and F. L. Irish. 2,010,043; Aug. 6.
- Punch, Record controlled. J. W. Bryce. 2,007,391; July 9.
- Punch set. C. O. Livermore. 2,013,758; Sept. 10.
- Punch, Telegraph-code tape. L. D. Walden. 1,998,946; Apr. 23.
- Punch, Ticket. A. R. Jorgenson. 2,006,396; July 2.
- Puncher for wells, Sand point. A. Clasen and F. X. Scholtes. 2,023,064; Dec. 3.
- Punching and riveting machine. L. L. Marchant. 1,990,998; Feb. 12.
- Punching bag apparatus. F. H. Beach. 2,009,040; July 23.
- Punching machine. J. W. Bryce. 1,989,844; Feb. 5.
- Punching machine. T. Kaseberg. 1,986,063; Jan. 1.
- Punching machine. W. W. Lasker. 2,004,208; June 11.
- Punching machine, Record controlled. M. Maul. 2,003,637; June 4.
- Punching mechanism. F. Bishop. 1,995,466; Mar. 26.
- Punching mechanism. W. W. Lasker. 2,008,396; July 16.
- Punching with small air-gap between teeth, Laminated. A. B. Reynnders. 2,024,745; Dec. 17.
- Puncture indicator for pneumatic tires. O. D. North and P. G. Hugh. 2,021,568; Nov. 19.
- Pupil distance meter. G. L. Mandaville. 2,012,574; Aug. 27.
- Pupillary measuring instrument. A. F. Williams. 2,011,508; Aug. 13.
- Pupillometer. B. C. Hersch. 2,022,202; Nov. 26.
- Purification by sublimation. F. Comte. 1,987,282; Jan. 8.
- Purification by sublimation. J. W. Livingston. 1,987,301; Jan. 8.
- Purification process. H. S. Taylor. 1,998,470; Apr. 23.
- Purifying apparatus. H. A. Allen. 2,012,076; Aug. 20.
- Purifying process for magnesium products. W. H. Farnsworth. 2,019,488; Nov. 5.
- Purse. A. Krauss. 2,021,789; Nov. 19.
- Purse kit. M. J. E. Smith. 1,999,669; Apr. 30.
- Purse, Pocket. W. G. Schaeffer. 2,016,053; Oct. 1.
- Push button switch. J. Altamura. 2,021,041; Nov. 12.
- Push button switch. H. L. Van Valkenburg. 1,996,891; Apr. 9.
- Pushpin. L. S. Krantz. 1,991,561; Feb. 19.
- Putting green and other materials. J. P. Floan. 2,013,558; Sept. 3.
- Putting green, Portable. W. H. Stayton and L. Livingston. 2,025,183; Dec. 24.
- Putty covering, protecting, and retaining means for a window sash. G. Schmitman. 1,988,143; Jan. 15.
- Putty softener. O. P. Glick. 2,000,751; May 7.
- Puzzle. H. Coughlin. 2,007,421; July 9.
- Puzzle. F. G. Dustin. 1,993,211; Mar. 5.
- Puzzle. G. S. Frost. 1,988,273; Jan. 15.
- Puzzle. L. R. Lane. 2,001,067; May 14.
- Puzzle. F. H. Schleicher. 1,996,834; Apr. 9.
- Puzzle. B. F. Silkman. 2,024,541; Dec. 17.
- Puzzle. H. J. Vander Heide. 1,987,951; Jan. 15.
- Puzzle box. B. Springborn. 1,987,496; Jan. 8.
- Puzzle for various greeting cards and the like. A. Staudte. 2,010,830; Aug. 13.
- Puzzle frame. T. A. Eynon. 2,003,072; May 28.
- Puzzle, Jig saw. M. E. Noble. 2,002,750; May 28.
- Puzzle, Magnetic. T. H. Darling and W. Maccabee. 2,002,077; May 21.
- Puzzle, Maze. E. S. Boynton. 2,011,266; Aug. 13.
- Puzzle, Mystery. G. R. Meyercord. 2,022,319; Nov. 26.

- Pyralin and other material that is plastic when heated, Apparatus for molding objects of. A. H. Stenersen. 2,014,150; Sept. 10.
- Pyranthrone, Bromination of. J. H. Sachs and F. W. Peck. 2,013,790; Sept. 10.
- Pyrethrum, Apparatus for diffusing. W. S. Burgess and E. K. Golley. 2,006,437; July 2.
- Pyridine bodies, Hydrogenation of. W. A. Lazier. 2,018,680; Oct. 29.
- Pyridine bodies, Hydrogenation of. W. A. Lazier. 2,019,419; Oct. 29.
- Pyridine compounds and their production. M. A. Kunz, G. Kochendoerfer, and K. Koeberle. 2,001,201; May 14.
- Pyridine, Purification of. T. Goost and W. Lommel. 2,016,426; Oct. 8.
- Pyridines, Purifying. W. Schrauth. 2,014,867; Sept. 17.
- Pyrites, Roasting of plumbiferous. K. W. Young. 1,992,049; Feb. 19.
- Pyrites, Working up auriferous and cupriferous arsenical. A. R. Lindblad. 2,000,183; May 7.
- Pyrolytic treatment of hydrocarbons and carboniferous material. W. O. Keeling. 1,991,750; Feb. 19.
- Pyrometer, C. H. A. F. L. Ross. 2,019,695; Nov. 5.
- Pyrometer device. H. A. Byrns. 2,025,015; Dec. 17.
- Pyrophoric lighting mechanism. L. V. Aronson. 2,002,846; May 28.
- Pyrophosphates, Production of acid alkali-metal. C. R. McCullough. 2,021,012; Nov. 12.
- Pyrotechnic composition. J. B. Decker and H. C. Clauser. 2,012,866; Aug. 27.
- Pyrotechnic device. W. L. Kann. 2,022,770; Dec. 3.
- Pyrotechnic display. R. C. Hitt. 2,006,271; June 25.
- Pyrotechnics, Safety. J. B. Decker. 1,992,690; Feb. 26.
- Pyroxylin solution. W. Seaman. 2,018,767; Oct. 29.
- Quad and printer's plate registering hook, Combination. C. F. Dausmann. 2,023,195; Dec. 3.
- Quad stranding machine. H. J. Deacon. 1,988,586; Jan. 22.
- Quantities, Rating and comparing. S. E. Leonard, Jr. 2,008,832; July 23.
- Quartz crystal manufacture. J. G. Beard. 2,018,246; Oct. 22.
- Quartz crystal oscillator. R. Bechmann. 2,002,167; May 21.
- Quartz crystal oscillator. R. Bechmann, H. O. Roosenstein, and H. Elstermann. 2,015,836; Oct. 1.
- Quartz mill. J. J. Thieck. 2,019,061; Oct. 29.
- Quartz oscillator arrangement. R. Bechmann. 1,996,737; Apr. 9.
- Quartz, Sintering and fusing. F. Winkler. 1,992,594; Feb. 26.
- Quartz tube lamp. C. H. Braselton. 2,007,942; July 9.
- Queen-excluder in beehives, Perforated. L. I. H. Larsson. 2,001,845; May 21.
- Quenching press. L. D. Slade and W. T. Cowell. 2,010,703; Aug. 6.
- Quick action valve. J. C. McCune. 2,024,653; Dec. 17.
- Quick detachable coupling. A. W. Mall. 2,021,241; Nov. 19.
- Quilt and rug frame. A. W. Knutson. 2,000,397; May 7.
- Quilting frame. E. Broeker. 2,013,128; Sept. 3.
- Quinhydrone, Manufacturing. K. C. Kleimenbagen. 1,987,148; Jan. 8.
- Quinine mercuric compound and making it. W. E. Craig. 1,988,374; Jan. 15.
- Quinone-oxime pigment. D. E. MacQueen. 1,993,971; Mar. 12.
- Quoin, Printer's. J. E. Lee, O. T. Gylleck, and F. Barney. 2,003,597; June 4.
- Quoit. L. J. MacGregor. 1,986,937; Jan. 8.
- Quoit, Horseshoe. L. G. Lattore and E. Levagood. 2,012,013; Aug. 20.
- Quoits, Making. A. D. McClintock. 1,991,689; Feb. 19.
- Quotation projecting apparatus. A. D. Eitzen. 1,996,758; Apr. 9.
- Race plant plant. W. E. Golden. 1,995,345; Mar. 26.
- Racing lure. L. A. Nelson. 1,997,010; Apr. 9.
- Rack: See—
- Adjustable hanging rack.
- Article suspending rack.
- Baggage rack.
- Book rack.
- Calendar rack.
- Card table rack.
- Clothesrack.
- Cooling rack.
- Counter display rack.
- Cover rack.
- Crane and wire rack.
- Dipping rack.
- Dish rack.
- Display and stock rack.
- Display rack.
- Draining rack.
- Egg tray rack.
- Floral supporting rack.
- Glass rack.
- Golf club rack.
- Hat and cloak rack.
- Hose rack.
- Insulator rack.
- H. D. Graves. 2,005,938; June 25.
- W. B. Hay. 1,994,195; Mar. 12.
- G. H. Kleemeyer. 1,988,598; Jan. 22.
- C. H. Michel. 2,011,250; Aug. 13.
- Magazine storage rack.
- Meat rack.
- Merchandise display rack.
- Metal display rack.
- Multiple copy rack.
- Musical instrument rack.
- Music rack.
- Necktie rack.
- Opera pump holding rack.
- Oven rack.
- Pastry holding rack.
- Refrigerator rack.
- Rug display rack.
- Seat cover package rack.
- Secondary rack.
- Shaker rack.
- Shoe rack.
- Spool rack.
- Supporting rack.
- Table and supply rack.
- Tie rack.
- Tool rack.
- Towel rack.
- Rack. F. Parker. 1,994,200; Mar. 12.
- Rack. H. S. Taylor. 2,008,115; July 16.
- Rack. H. Vershow and B. Shivek. 2,013,118; Sept. 3.
- Rack and bin, Display. B. J. Davidson and A. Chappory, Jr. 2,006,447; July 2.
- Rack and display stand, Storage battery charging. B. F. W. Heyer. 2,005,623; June 18.
- Rack and making same, Secondary. L. H. White. 2,016,470; Oct. 8.
- Rack drip pan, baffle, and lighter for ranges, Combined. F. H. Schneider. 1,986,017; Jan. 1.
- Rack for automobiles, Wash. S. J. Silverman. 2,000,151; May 7.
- Rack for display boards, Article. E. A. Roeger. 1,997,310; Apr. 9.
- Rack for displaying rugs. F. F. Kerr. 2,000,336; May 7.
- Rack for holding twist drills. F. L. Johnson. 2,002,983; May 28.
- Rack for ironing machines, Receiving. J. Tropp. 1,986,305; Jan. 1.
- Rack for shelves, Retaining. W. C. Firth. 1,998,228; Apr. 16.
- Rack or laundry, Circular type wash. A. A. Smallhouse. 2,021,026; Nov. 12.
- Racking machine, Automatic. P. H. Keck. 2,025,516; Dec. 24.
- Racking mechanism for knitting machines. A. Geyer. 2,012,504; Aug. 27.
- Racket. C. Bentley. 2,000,316; May 7.
- Racket. J. L. Kleinman. 2,023,843; Dec. 10.
- Racket frames, Apparatus for manufacturing laminated tennis and like. A. Hirschfeld. 2,025,451; Dec. 24.
- Racket inlay. R. J. Nash. 1,989,766; Feb. 5.
- Racket restrainer, Tennis. W. A. Nicolas. 2,012,476; Aug. 27.
- Racket string tightening machine. J. Saladino. 2,015,238; Sept. 24.
- Racket stringer. W. C. Bickel. 2,024,141; Dec. 17.
- Racket, Table tennis. I. Marks. 1,986,154; Jan. 1.
- Racket, Tennis. H. Johnston. 2,004,609; June 11.
- Rackets, Stringing of tennis and like. S. H. Sieff. 2,014,989; Sept. 17.
- Radiant frequencies, Transmission of related. J. H. Hammond, Jr. 2,018,356; Oct. 22.
- Radiating apparatus. C. A. Laise. 1,991,510; Feb. 19.
- Radiating fins on tubes, Assembling and securing. A. J. Mason and W. L. Tancred. 2,023,738; Dec. 10.
- Radiation, detection, and utilization, Invisible. B. B. Bryant. 1,997,356; Apr. 9.
- Radiation device. H. P. Wood. 2,016,474; Oct. 8.
- Radiator. A. H. Davis, Jr., and P. Winsborough. 1,998,273; Apr. 16.
- Radiator. W. Ewald. 1,997,818; Apr. 16.
- Radiator. A. S. Heinrich. 1,993,095; Mar. 5.
- Radiator. J. L. Hellen. 2,016,007; Oct. 1.
- Radiator. K. Maret. 1,999,246; Apr. 30.
- Radiator. A. J. Mason. 2,023,739; Dec. 10.
- Radiator. C. Oppe and J. J. Curello. 2,020,957; Nov. 12.
- Radiator. S. Przyborski. 2,016,822; Oct. 8.
- Radiator. K. W. Rohlin. 2,009,705; July 30.
- Radiator. D. Tenney. 1,996,691; Apr. 2.
- Radiator. O. G. Wendel. 1,988,224; Jan. 15.
- Radiator. F. M. Young. 1,998,112; Apr. 16.
- Radiator. F. M. Young. 2,024,496; Dec. 17.
- Radiator admission valve, Thermostatic. E. S. Halsey. 1,990,282; Feb. 5.
- Radiator and front fender support. R. J. Waterbury. 2,004,258; June 11.
- Radiator and making the same. R. Warrender. 1,994,903; Mar. 19.
- Radiator cap. B. H. Bowlus and J. G. Hickman. 1,995,468; Mar. 26.
- Radiator cap. B. H. Bowlus and W. Schnell. 1,987,663; Jan. 15.
- Radiator cap and pressure relief valve, Combined. A. L. Swank. 2,006,752; July 2.
- Radiator, Concealed. L. P. Dwyer. 2,005,226; June 18.
- Radiator construction. O. C. Palmer. 2,018,922; Oct. 29.
- Radiator construction. E. J. W. Ragsdale. 1,990,752; Feb. 12.
- Radiator core. L. R. Chase. 1,993,872; Mar. 12.
- Radiator core. N. S. Diamant. 2,004,890; June 11.
- Radiator core. W. O. Emmons. 2,011,853; Aug. 20.
- Radiator core. W. O. Emmons and W. R. Ramsaur. 1,998,663; Apr. 23.
- Radiator core. A. B. Modine. 2,006,649; July 2.
- Radiator core. L. Shapiro. 2,008,566; July 16.
- Radiator core and shell assembly. A. F. Ihde. 2,021,101; Nov. 12.
- Radiator core structure. N. S. Diamant. 2,011,756; Aug. 20.
- Radiator cores, Making. W. O. Emmons and W. R. Ramsaur. 2,011,854; Aug. 20.
- Radiator enclosure, Convection type. H. Smith. 2,005,808; June 25.
- Radiator, Energy. C. H. Braselton. 2,007,930; July 9.
- Radiator, Fin. W. G. Laird. 1,985,932; Jan. 1.
- Radiator, Fin. W. G. Laird. 2,011,900; Aug. 20.
- Radiator, Fin. H. D. Williams. 2,016,164; Oct. 1.
- Radiator fin construction. O. C. Palmer. 2,002,923; May 28.
- Radiator fitting. F. P. McKeon. 2,002,038; May 21.
- Radiator for anodes, Internal. H. B. McEuen. 1,994,140; Mar. 12.

- Radiator grille cover. H. E. Kaemmer. 2,020,838; Nov. 12.
- Radiator grille with detachable section, Automobile. L. B. Green. 2,007,529; July 9.
- Radiator guard. G. E. Whitlock. 2,006,755; July 2.
- Radiator, High potential. C. H. Braselton. 2,007,922; July 9.
- Radiator, Sheet energy. C. H. Braselton. 2,007,944; July 9.
- Radiator, Sheet metal. F. M. Lambert. 1,996,622; Apr. 2.
- Radiator shell. B. Kirsch and H. S. Pardee. 1,996,816; Apr. 9.
- Radiator shell front and guard bar assembly. L. B. Green. 2,013,385; Sept. 3.
- Radiator shell front, Grille-guarded. L. B. Green. 1,996,045; Mar. 26.
- Radiator shields by folding, Making. B. Altheimer. 1,996,785; Apr. 9.
- Radiator shutter. K. Forbes. 2,007,600; July 9.
- Radiator structure. A. B. Modine. 2,005,235; June 18.
- Radiators, Apparatus for making. J. F. McIntire. 2,006,739; July 2.
- Radiators, Apparatus for manufacturing. S. D. Payzer, E. A. Preston and C. E. Staky. 1,995,008; Mar. 19.
- Radiators, Making. R. McCraith. 2,024,379; Dec. 17.
- Radiators, Making heat. J. Karmazin. 1,997,563; Apr. 9.
- Radio amplifier. C. H. Suydam. 2,008,996; July 23.
- Radio analyzer. R. N. Auble. 2,023,947; Dec. 10.
- Radio and like apparatus. J. Millen. 1,989,490; Jan. 29.
- Radio and like socket installations. C. L. Knutson. 2,002,903-4; May 28.
- Radio apparatus. J. I. Bellamy. 1,992,599; Feb. 26.
- Radio apparatus. E. T. Flewelling. 1,999,137; Apr. 23.
- Radio apparatus. E. G. Gage. 1,986,890; Jan. 8.
- Radio apparatus. E. H. Hand. 1,993,962; Mar. 12.
- Radio apparatus. H. H. Hulse, J. I. Bellamy, R. G. Richardson and L. J. Lash. 2,007,165; July 9.
- Radio apparatus. H. P. Pratt. 2,010,463; Aug. 6.
- Radio apparatus. J. D. Reid. 2,024,807; Dec. 17.
- Radio apparatus. A. M. Wengel. 2,022,447; Nov. 26.
- Radiobeacon course and quadrant identification, Method and apparatus for. F. W. Dunmore. 1,992,927; Feb. 26.
- Radiobeacon, Method and apparatus for a multiple course. H. Diamond. 1,992,197; Feb. 26.
- Radio beacon system. C. W. Hansell. 2,014,732; Sept. 17.
- Radio beacon system. L. A. Taylor. 1,991,474; Feb. 19.
- Radio broadcasting. W. A. Mueller. 2,008,082; July 16.
- Radiocabinet. J. E. Grimm. 2,003,436; June 4.
- Radio cabinet. A. T. Murray. 1,988,132; Jan. 15.
- Radio circuits. T. D. Thompson. 1,986,382; Jan. 1.
- Radio communication. H. Chireix. 2,009,080; July 23.
- Radiocommunication. H. S. Polin. 2,023,974; Dec. 10.
- Radio contact pin. W. H. von Scheven. 1,991,914; Feb. 19.
- Radio control. J. Q. Gaubert. 2,015,425; Sept. 24.
- Radio control, Automobile. W. P. Lear. 2,020,420; Nov. 12.
- Radio control means, Manual. D. R. De Tar. 1,995,171; Mar. 19.
- Radio control panel. J. Q. Gaubert. 1,996,993; Apr. 9.
- Radio course indicator. P. Hermannspann. 2,025,104; Dec. 24.
- Radio detector system. H. C. Duff. 1,994,506; Mar. 19.
- Radiodevice. R. F. Zimmerman and H. W. De Weese. 1,996,847; Apr. 9.
- Radio device, Automobile. F. R. Good. 2,003,187; May 28.
- Radio dial mechanism. L. F. Curtis and K. L. Henderson. 2,023,005; Dec. 3.
- Radio direction finder. J. W. Greig. 2,003,932-3; June 4.
- Radio direction finder. L. L. Kaess. 2,023,891; Dec. 10.
- Radio direction finder. M. Sandfort. 2,026,254; Dec. 31.
- Radio direction indicator. W. S. Eaton. 2,019,403; Oct. 29.
- Radio echo altimeter. F. G. Patterson. 2,022,517; Nov. 26.
- Radio frequency amplification, System for. A. S. Blatterman. 2,026,371; Dec. 31.
- Radio frequency coupling system. L. Babik and A. Jau-mann. 1,989,730; Feb. 5.
- Radio frequency distribution system. A. R. Hopkins. 2,006,994; July 2.
- Radio frequency distribution system. J. Weinberger. 2,003,962; June 4.
- Radio frequency distribution system for trains. A. R. Hopkins. 2,008,280; July 16.
- Radio frequency sound-modulated oscillations, Generating ultra-. W. Ilberg. 2,015,523; Sept. 24.
- Radio-frequency traffic over high potential lines, Arrangement for multiplex. W. Wurst. 2,026,114; Dec. 31.
- Radio frequency transmission line. W. van B. Roberts. 2,018,320; Oct. 22.
- Radiogoniometry, System of stroboscopic. R. J. Hardy. 1,997,111; Apr. 9.
- Radiographic illuminator. F. M. Hoben. 1,989,803; Feb. 5.
- Radio guiding system. C. R. Englund. 1,998,834; Apr. 23.
- Radio interference eliminator. W. K. Fleming and R. L. Haskins. 2,015,667; Oct. 1.
- Radio interference eliminator, Ignition distributor. R. J. L. Dutterer. 2,014,018; Sept. 10.
- Radio interferenceproof insulator. H. H. Brown. 1,988,369; Jan. 15.
- Radio interference suppressor. H. Rabezzana. 1,991,574; Feb. 19.
- Radio interference, System for eliminating. J. F. Heu-berger. 1,998,580; Apr. 23.
- Radio navigating system. J. A. Willoughby. 2,010,833; Aug. 13.
- Radio navigation. W. Albersheim and H. Konheim. 1,995,285; Mar. 26.
- Radio or other high frequency receiver. G. A. Mathieu. 2,008,289; July 16.
- Radio phonograph system. C. M. Sinnett. 2,017,515; Oct. 15.
- Radio power supply system. A. Crossley. 2,004,368; June 11.
- Radio program apparatus. E. A. Zadig. 2,024,195; Dec. 17.
- Radio program indicator. C. F. Stone. 1,996,390; Apr. 2.
- Radio program indicator and announcer. W. W. Baird. 2,011,670; Aug. 20.
- Radio program selector, Timed. G. G. Pernod. 2,010,826; Aug. 13.
- Radioreceiver. C. B. Aiken. 1,990,512; Feb. 12.
- Radioreceiver. P. O. Farnham. 2,022,805; Dec. 3.
- Radioreceiver. G. Jobst and W. Wehnert. 1,987,956; Jan. 15.
- Radioreceiver. J. K. Johnson. 2,022,085; Nov. 26.
- Radioreceiver. L. L. Jones. 1,988,498; Jan. 22.
- Radioreceiver. H. J. Loftis. 2,026,394; Dec. 31.
- Radioreceiver. J. P. Minton. 2,018,081; Oct. 22.
- Radioreceiver. H. O. Roosenstein and W. Runge. 2,014,509; Sept. 17.
- Radioreceiver. H. A. Wheeler. 2,022,068; Nov. 26.
- Radioreceiver. H. A. Wheeler and N. P. Case. 2,024,017; Dec. 10.
- Radioreceiver. R. P. Wuerfel. 2,017,085; Oct. 15.
- Radioreceiver and producing same, Pretuned. H. M. Lewis. 2,001,146; May 14.
- Radioreceiver and timepiece, Combination. A. McL. Nicol-son. 2,005,158; June 18.
- Radioreceiver, Automotive. J. B. Forsythe, H. L. Brump, and R. C. Ellis. 1,997,254; Apr. 9.
- Radioreceiver control. L. Morey. 2,019,316; Oct. 29.
- Radioreceiver either by direct or remote control, Optional operation of. A. S. Blatterman. 1,994,603; Mar. 19.
- Radioreceiver, One tube. W. R. Koch. 2,005,789; June 25.
- Radioreceiver, Selective. D. Grimes. 1,996,241; Apr. 2.
- Radio receiver, Short wave. J. G. Streiffert and W. F. Bartoe. 1,986,081; Jan. 1.
- Radioreceiver, Superheterodyne. H. A. Wheeler. 2,000,113; May 7.
- Radio receiver with automatic volume control switch. G. Hagen. 1,990,072; Feb. 5.
- Radio receiving and distributing system. F. L. Satterlee and L. W. Kolozsy. 1,989,466; Jan. 29.
- Radio receiving apparatus. J. L. Adams, Jr. 2,024,902; Dec. 17.
- Radio receiving apparatus. M. Alden. 2,013,331; Sept. 3.
- Radio receiving apparatus. R. S. Bailey. 2,023,504; Dec. 10.
- Radio receiving apparatus. L. A. Taylor. 1,992,019; Feb. 19.
- Radio receiving set. J. A. Vila y Colombo. 2,003,250; May 28.
- Radio receiving system. J. G. Aceves and E. V. Amy. 2,002,844; May 28.
- Radio receiving system. A. J. Alexonis. 1,999,313; Apr. 30.
- Radio receiving system. W. L. Carlson and V. D. Landon. 2,024,816; Dec. 17.
- Radio receiving system. B. J. Chromy. 2,002,430; May 21.
- Radio receiving system. P. O. Farnham. 2,003,110; May 28.
- Radio receiving system. A. N. Goldsmith. 2,004,107; June 11.
- Radioreceiving system. W. A. MacDonald. 2,014,086; Sept. 10.
- Radio receiving system. J. M. Miller. 2,021,321; Nov. 19.
- Radio receiving system. R. Rechnitzer. 2,023,439; Dec. 10.
- Radio receiving system. F. X. Rettenmeyer. 2,000,190; May 7.
- Radio receiving system, Time controlled. W. T. Poweh. 1,992,327; Feb. 26.
- Radio receiving systems, Remotely controlled. W. T. Powell. 1,992,326; Feb. 26.
- Radioreception. M. H. Livingston. 2,000,529-30; May 7.
- Radio reception and direction finding system. L. A. Tay-lor. 2,008,522; July 16.
- Radio reception system, Wired and space. R. C. Curtis. 1,995,418; Mar. 26.
- Radio remote control and automatic tuning. H. B. Fuchs. 2,012,603; Aug. 27.
- Radio set tester. J. H. Miller. 2,015,316; Sept. 24.
- Radio signaling apparatus. G. W. Pettengill and C. D. Haigis. 2,018,569; Oct. 22.
- Radio signaling system. E. H. Armstrong. 2,024,138; Dec. 17.
- Radio socket. H. J. Nichols and H. L. Brump. 1,990,087; Feb. 5.
- Radio static shield. M. S. Skaer and E. Holcomb. 1,987,755; Jan. 15.
- Radio station selector. J. W. Myers and E. E. Murray. 1,989,558; Jan. 29.

- Radio station selector, Automatic. W. Rice and M. H. Goldberg. 2,019,157; Oct. 29.
- Radio steering control. T. E. Brockstedt. 2,004,460; June 11.
- Radio system, Centralized. B. E. Moritz, Jr. 2,006,077; June 25.
- Radio system, Centralized. J. Van Slooten. 2,020,813; Nov. 12.
- Radio telegraph concentrator. V. H. Brown. 2,003,425; June 4.
- Radio telegraph system. L. R. Schmitt. 2,012,407; Aug. 27.
- Radiotelegraphic receiver. Y. Marrec and G. A. Beauvais. 1,999,247; Apr. 30.
- Radio-telephony system. G. A. Mathieu. 2,022,357; Nov. 26.
- Radio telephony and telegraphy, System of. H. S. Polin. 2,013,173; Sept. 3.
- Radio time switch and automatic tuner. C. and C. Mongelli. 1,990,342; Feb. 5.
- Radio transformer, Variable. H. C. Guhl. 2,000,754; May 7.
- Radiotransmission. G. Wald. 2,026,005; Dec. 31.
- Radio transmission and receiving system. S. W. Seeley. 2,007,985; July 16.
- Radio transmission apparatus. L. A. Gebhard and C. F. Rudolph. 1,986,805; Jan. 8.
- Radio transmitter. R. B. Dome. 1,990,586; Feb. 12.
- Radiotransmitter. M. Ponte. 1,997,075; Apr. 9.
- Radio transmitter. E. G. Ports. 1,988,960; Jan. 22.
- Radio transmitting arrangement for determining bearings. E. Kramar. 2,025,212; Dec. 24.
- Radio transmitting-receiving circuit. W. C. Hill. 2,017,458; Oct. 15.
- Radio transmitting system. V. E. Trouant. 1,994,902; Mar. 19.
- Radio tube grids, Producing. H. Kershaw. 2,004,246; June 11.
- Radiotuner. E. A. Zadig. 1,992,407; Feb. 26.
- Radio tuning and selectivity control. C. K. Huxtable. 2,024,002; Dec. 10.
- Radio tuning apparatus. S. Tarzian. 2,001,076; May 14.
- Radio tuning apparatus. A. A. Thomas. 1,997,158; Apr. 9.
- Radio tuning mechanism. C. F. Bertschinger. 2,021,476; Nov. 19.
- Radio voting, Apparatus and method of. N. M. Hopkins. 1,990,489; Feb. 12.
- Radio warning signal. H. Diamond and F. W. Dunmore. 1,989,086; Jan. 29.
- Rafter marking apparatus. R. L. Greve. 2,004,318; June 11.
- Rail anchoring device, Guard. G. R. Tarbox. 2,026,259; Dec. 31.
- Rail and receptacle, Combined robe. C. F. Schlegel. 2,024,884; Dec. 17.
- Rail bond. E. M. Deems. 1,988,302; Jan. 15.
- Rail bond. E. M. Deems. 2,025,026; Dec. 24.
- Rail bond. H. H. Febrey. 2,008,787; July 23.
- Rail bond. H. H. Febrey. 2,023,317; Dec. 3.
- Rail bond. W. E. Huber. 2,022,544; Nov. 26.
- Rail bond. F. H. Neff. 1,993,618; Mar. 5.
- Rail bond and making same. H. H. Febrey. 2,008,786; July 23.
- Rail bond terminal. N. C. Shaver. 2,019,935; Nov. 5.
- Rail bonding. C. A. Cadwell. 2,014,278; Sept. 10.
- Rail clamp. C. E. Van Syckle. 1,994,260; Mar. 12.
- Rail clamp for traveling bridges. B. M. Kersting. 1,988,173; Jan. 15.
- Rail ends, Building up battered. J. G. Hartley. 2,018,258; Oct. 22.
- Rail fastener. E. Woodings. 1,995,020; Mar. 19.
- Rail fastening. W. C. Oberg. 2,024,870; Dec. 17.
- Rail fastening means. D. Turner. 2,016,845; Oct. 8.
- Rail fastening, Resilient. M. Rüping. 2,015,194; Sept. 24.
- Rail flange lubricator. C. Stern. 2,016,975-6; Oct. 8.
- Rail flaw detector mechanism. H. C. Drake and G. L. Drain, Jr. 2,011,425; Aug. 13.
- Rail flaw detector mechanism. E. G. Sperry and J. A. Jones. 1,996,908; Apr. 9.
- Rail, Guard. A. E. Brickman and G. A. Gleason. 2,025,012-14; Dec. 17.
- Rail, Guard. G. A. Gleason and A. P. Hayden. 2,024,997; Dec. 17.
- Rail, Guard. D. P. Steward. 1,992,786; Feb. 26.
- Rail heating apparatus. R. E. Frickey and A. S. Kalenborn. 1,992,943; Mar. 5.
- Rail heating device. W. H. Greenfield. 1,991,801; Feb. 19.
- Rail, Highway guard. G. E. Edgecombe. 2,007,185; July 9.
- Rail inspection apparatus. R. F. Edgar and C. Concordia. 1,998,952; Apr. 23.
- Rail joint. G. B. Anderson. 2,013,228; Sept. 3.
- Rail joint. J. K. Boyd and F. F. Slick. 2,017,395; Oct. 15.
- Rail joint. B. G. Braine. 2,020,602; Nov. 12.
- Rail joint. S. R. Dodds. 2,007,367; July 9.
- Rail joint. R. Faries. 2,021,297; Nov. 19.
- Rail joint and method. W. S. Jackson. 2,021,728; Nov. 19.
- Rail jointing unit, Emergency. J. R. Lewis. 1,991,105; Feb. 12.
- Rail joints, Repairing. L. C. Ryan. 2,004,081; June 4.
- Rail joints, Welding. F. Earle. 2,002,223; May 21.
- Rail lubricator, Elevator guide. C. B. Doane. 1,990,777; Feb. 12.
- Rail movement restraining means, Railway. H. Armstrong. 2,008,940-1; July 23.
- Rail movement restraining means, Railway. F. W. Cooper. 2,008,946; July 23.
- Rail, One-piece guard. J. V. Stewart. 2,019,743; Nov. 5.
- Rail, Road guard. R. B. Smith. 1,999,065; Apr. 23.
- Rail slotting machine. A. S. Kalenborn. 1,993,933; Mar. 12.
- Rail stabilizing device for railway tracks. J. G. Mueller. 2,002,708; May 28.
- Rail structures, Making intersecting. J. L. Martin and M. E. Allen. 2,023,277; Dec. 3.
- Rail strut or spacer, Guard. J. V. Stewart. 1,987,033; Jan. 8.
- Rail support. W. T. O'Neill. 2,024,110; Dec. 10.
- Rail switch. A. G. Davis. 2,011,798; Aug. 20.
- Rail tie and fastening means. C. Alexief. 2,019,377; Oct. 29.
- Rail transit appliance for road vehicles. H. W. Sanford. 1,986,120; Jan. 1.
- Rail treatment apparatus. R. E. Frickey and A. S. Kalenborn. 2,013,461; Sept. 3.
- Railroad cross-over. J. B. Strong and A. F. Huber. 2,003,398; June 4.
- Railroad spreader. J. C. Forbes, and S. Krusich. 2,014,172; Sept. 10.
- Railroad trucking. B. A. Lundy. 1,987,405; Jan. 8.
- Railroad washout safety signal. C. H. Stanton. 2,024,784; Dec. 17.
- Railway-airplane transfer apparatus. L. S. Adams. 1,992,800; Feb. 26.
- Railway ballast, Apparatus for continuously cleaning. M. H. Lemaire. 2,004,051; June 4.
- Railway buffer stop. K. Saeger. 2,019,135; Oct. 29.
- Railway car type container. J. P. McWilliams. 2,017,565; Oct. 15.
- Railway cross tie. H. C. Myer. 2,016,724; Oct. 8.
- Railway crossing. V. Theodos. 1,992,404; Feb. 26.
- Railway crossing. W. H. Whalen. 2,021,905; Nov. 26.
- Railway crossing gate. L. H. Pranger. 1,997,199; Apr. 9.
- Railway crossing signal. G. W. Bohannon. 1,996,320; Apr. 2.
- Railway crossing signal. F. H. Richterkesing. 2,003,264; May 28.
- Railway crossing signal. F. B. Wiegand. 2,021,845; Nov. 19.
- Railway device. W. P. Brennan and T. F. Dwyer, Jr. 2,009,059; July 23.
- Railway draft device. E. B. Schrock. 2,004,348; June 11.
- Railway for suspended cars, Overhead. G. D. Fish. 2,014,430; Sept. 17.
- Railway journal protector. J. O. and W. W. Wilson. 1,999,268; Apr. 30.
- Railway signaling apparatus. J. H. Butridge. 2,022,074; Nov. 26.
- Railway signaling apparatus. A. L. Vencill. 2,021,951; Nov. 26.
- Railway spike-lock. O. P. Harris and P. E. Teegarden. 1,996,201; Apr. 2.
- Railway terminal communicating system. C. Drake and A. Langdon. 2,021,855; Nov. 19.
- Railway track circuit apparatus. B. Mischelevich. 2,024,980; Dec. 17.
- Railway track cleaner. E. Shields. 1,998,851; Apr. 23.
- Railway traffic controlling apparatus. L. E. Spray. 1,989,533; Jan. 29.
- Railway wheel. C. L. Madden and A. J. Hersey. 2,020,424; Nov. 12.
- Railways, Apparatus for the leveling of. M. H. Lemaire. 2,007,400; July 9.
- Rails and analogous devices, Apparatus for producing automobile frame side. H. F. Kulas, J. H. Crowe, and R. H. Thoms. 2,009,737; July 30.
- Rails, Apparatus for heating. J. G. Hartley. 2,018,259; Oct. 22.
- Rails, Device for the cleaning of grooved. G. B. Isabella. 1,990,029; Feb. 5.
- Raincoat and making the same. A. Lefkowitz. 1,989,140; Jan. 29.
- Raincoat, overcoat, or the like. S. H. Stern and H. Wallens. 1,998,825; Apr. 23.
- Rainproof cowl ventilator. C. F. Arnold and F. E. Deremer. 2,011,840; Aug. 20.
- Raising and lowering device for potato diggers. A. T. Knoerzer. 2,019,711; Nov. 5.
- Rake. A. J. Baillie. 2,014,123; Sept. 10.
- Rake. F. Bishop. 2,023,778; Dec. 10.
- Rake. F. G. Huntley. 2,008,073; July 16.
- Rake. G. H. Maus. 2,007,609; July 9.
- Rake. G. W. McGuire. 1,989,815; Feb. 5.
- Rake. G. W. McGuire. 2,018,311; Oct. 22.
- Rake and cultivator, Rotary garden. F. C. Bernthal. 2,022,335; Nov. 26.
- Rake attachment. F. E. S. Sawyer. 2,010,325; Aug. 6.
- Rake attachment for lawn mowers. S. S. Reynolds. 2,023,697; Dec. 10.
- Rake cleaning attachment. N. Snyder. 2,009,594; July 30.
- Rake, Curd. E. C. Damrow. 2,014,279; Sept. 10.
- Rake, Hay. A. C. Lindgren. 2,017,721; Oct. 15.
- Rake, Hay. C. E. White. 2,026,112; Dec. 31.

- Rake, loader and sifter, Bull. C. Christiansen. 2,005,911; June 25.
- Rake, Self-cleaning. C. A. Beythian. 2,016,263; Oct. 1.
- Rake tooth cleaning appliance, Garden. W. B. Zimmerman. 2,002,484; May 21.
- Ram connection for brakes. C. J. Bath. 1,997,672; Apr. 16.
- Ram flash removing machine, Reciprocable. H. E. Morton. 1,995,104; Mar. 19.
- Ram head. K. O. Nelson. 1,998,166; Apr. 16.
- Range. L. A. Althoff. 1,988,229; Jan. 15.
- Range. W. D. Antrim. 2,019,381; Oct. 29.
- Range. J. J. Toomey. 1,998,999; Apr. 23.
- Range and stove, Cooking. J. Teller and A. P. Schulz. 1,998,343; Apr. 16.
- Range and stove, Gas or electric cooking. J. Teller, and A. P. Schulz. 2,013,931; Sept. 10.
- Range boiler union. S. W. Ford. 1,987,366; Jan. 8.
- Range, Built-in gas. J. Gutmann. 2,021,651; Nov. 19.
- Range, Combination. J. E. Leonard. 1,989,372; Jan. 29.
- Range, Combination gas and coal. J. E. Glynn. 2,007,679; July 9.
- Range, Concealed manifold gas. S. H. Hobson. 2,013,802; Sept. 10.
- Range control system. H. M. Biebel. 2,023,113-19; Dec. 8.
- Range, Cooking. G. E. Dexter. 2,021,854; Nov. 19.
- Range, Cooking. J. Teller and A. P. Schulz. 2,003,059; May 28.
- Range, Cooking. G. A. Ure. 1,994,423; Mar. 12.
- Range, Electric. R. John. 2,001,326; May 14.
- Range finder for photographic purposes. E. Wandersleb. 1,987,765; Jan. 15.
- Range finder, Self-contained base. A. Pulz. 2,008,516; July 16.
- Range, Gas and coal. J. W. Ammerman, J. W. Barker, W. H. Klopfer and F. C. Mauss. 2,002,384; May 21.
- Range heating unit and glaze therefor, Glazed electric. J. D. Morgan. 2,007,111; July 2.
- Range heating unit, Electric. J. D. Morgan. 2,010,768; Aug. 6.
- Range receptacle. H. J. L. Frank. 1,995,386; Mar. 26.
- Range, Table top electric. F. A. Lusher. 2,000,343; May 7.
- Rat trap. E. A. Fuchs. 1,998,419; Apr. 16.
- Ratchet device. F. H. Schofield and E. A. Peacor. 2,010,528; Aug. 6.
- Ratchet device for preventing the rearward motion of power driven vehicles. A. Catella. 2,006,261; June 25.
- Ratchet mechanism. E. M. Pfäuser and S. Mandl. 1,995,009; Mar. 19.
- Ratchet wrench. G. R. Gagne. 2,020,883; Nov. 12.
- Ratchet wrench, Reversible. J. S. Dodge. 2,003,846; June 4.
- Ravioli machine. L. G. Lombi. 2,001,792; May 21.
- Rawhide articles, Making tubular. H. A. and S. T. Cook. 2,020,048; Nov. 5.
- Rawhide products and making the same. H. G. Halloran. 1,990,121; Feb. 5.
- Ray tinting device. G. Nathan. 2,009,145; July 23.
- Rayon, Apparatus for making. M. E. Willis. 1,993,816; Mar. 12.
- Rayon, Apparatus for simultaneously spinning, twisting, and purifying. M. T. Sanders and R. A. Hales. 1,990,617; Feb. 12.
- Rayon knit piece goods, Dyeing. G. I. Putnam and C. T. Worthem. 2,010,320; Aug. 6.
- Rayon, Making of. E. J. R. Beattie. 2,024,962; Dec. 17.
- Rayon, Manufacture of. G. R. Lockhart. 2,012,723; Aug. 27.
- Razor. A. J. England. 2,019,957; Nov. 5.
- Razor. T. Haulton. 2,019,077; Oct. 29.
- Razor. M. Marusch. 1,987,514; Jan. 8.
- Razor. C. J. Massey. 1,986,510; Jan. 1.
- Razor. M. Porco. 2,022,638; Nov. 26.
- Razor. H. G. Presentin. 2,005,164; June 18.
- Razor and blade, Safety. H. R. Segal. 2,002,297-8; May 21.
- Razor and blade, Safety. N. Testi. 2,004,086; June 4.
- Razor and blade therefor, Electric. S. Shaler. 2,015,160; Sept. 24.
- Razor and blade therefor, Safety. T. E. Winn. 2,023,564; Dec. 10.
- Razor and container therefor, Safety. W. Wallenthin. 2,017,741; Oct. 15.
- Razor and detachable sharpening device therefor, Safety. L. V. Aronson. 1,996,787; Apr. 9.
- Razor and sharpener, Combined safety. E. H. Wyman. 2,002,682; May 28.
- Razor, Automatic safety. C. J. Darby. 1,996,503; Apr. 2.
- Razor blade. S. J. Duritz. 2,019,122; Oct. 29.
- Razor blade. P. N. Peters. 2,001,155; May 14.
- Razor blade and holder. J. Holtzman. 1,987,191; Jan. 8.
- Razor blade and holder therefor. M. E. Greenhouse. 2,020,116; Nov. 5.
- Razor blade conditioning device. C. L. Willcox. 1,998,348; Apr. 16.
- Razor blade for safety razor devices. A. Baudis. 2,019,475; Nov. 5.
- Razor blade for safety razors. E. W. Rasmussen. 2,022,323; Nov. 26.
- Razor blade grinding machine. W. Tobias. 2,001,117; May 14.
- Razor-blade holder. H. M. Dahl, Sr. 1,996,904; Apr. 9.
- Razor blade holder. E. H. McDonald. 1,993,107; Mar. 5.
- Razor blade holder. J. A. Misener. 2,020,154; Nov. 5.
- Razor blade holder. F. C. Thessing. 2,017,359; Oct. 15.
- Razor blade holder, Magazine. V. Minnelli. 1,999,129; Apr. 23.
- Razor blade holder, Safety. A. R. Fritz. 2,016,995; Oct. 8.
- Razor blade honing device. F. S. Buba. 2,019,069; Oct. 29.
- Razor blade honing machine. G. J. Southland and J. Casper. 1,987,421; Jan. 8.
- Razor blade knife. E. W. Anderson. 2,022,876; Dec. 3.
- Razor blade package. W. H. Hoogs. 2,007,915; July 9.
- Razor blade package. C. J. O'Keefe. 2,016,255; Oct. 1.
- Razor blade, Safety. O. Biegmann. 1,992,565; Feb. 26.
- Razor blade, Safety. J. H. L. de Bats. 1,988,167; Jan. 15.
- Razor blade, Safety. V. Minnelli. 2,004,008; June 4.
- Razor blade, Safety. E. R. Wharton. 2,011,025; Aug. 13.
- Razor blade sharpening device. R. L. Gardner and R. D. Lloyd. 2,000,941; May 14.
- Razor blade sharpening machine. C. A. Clauss. 2,009,386; July 30.
- Razor blade sharpening machine. N. H. Watts and C. A. Clauss. 1,995,875; Mar. 26.
- Razor blade stropping holder, Safety. S. A. Behrman. 1,993,731; Mar. 12.
- Razor blade structure and holder for same, Safety. A. W. Franklin. 2,002,436; May 21.
- Razor blades, Apparatus for reshaping safety. D. M. Vis, Jr. 1,994,799; Mar. 19.
- Razor blades, Device for grinding and sharpening. F. Soucek. 2,004,838; June 11.
- Razor blades, Devices for sharpening. C. A. Godshalk and D. Behrsing. 2,026,125; Dec. 31.
- Razor blades, Manufacture of safety. O. Roth. 1,989,886; Feb. 5.
- Razor construction. E. Hyatt. 2,010,304; Aug. 6.
- Razor, Double edged safety. M. B. Behrman. 2,010,053; Aug. 6.
- Razor, edging machine, Automatic. A. J. Holman. 2,001,727; May 21.
- Razor guide for hones. E. F. Stella. 1,991,034; Feb. 12.
- Razor holder, Hinged clamp safety. A. S. Carlson. 2,008,681; July 25.
- Razor holder, Safety. A. S. Carlson. 2,024,626; Dec. 17.
- Razor, Mechanical. R. Dreverhoff. 1,997,768; Apr. 16.
- Razor, One piece double edge. H. Blau. 2,025,718; Dec. 31.
- Razor, One piece folding. A. W. Krieger. 2,005,090; June 18.
- Razor, Safety. W. G. Adams. 1,996,736; Apr. 9.
- Razor, Safety. W. H. Black. 2,020,233; Nov. 5.
- Razor, Safety. E. W. Ericsson. 1,998,452; Apr. 30.
- Razor, Safety. E. T. Fry. 1,991,275; Feb. 12.
- Razor, Safety. J. D. Garretson. 2,020,499-501; Nov. 12.
- Razor, Safety. C. A. Gratiot. 2,026,229; Dec. 31.
- Razor, Safety. C. G. Hayhurst. 2,018,304; Oct. 22.
- Razor, Safety. J. E. Hedlund. 2,004,322; June 11.
- Razor, Safety. J. Holtzman. 1,988,844; Jan. 22.
- Razor, Safety. S. C. Hood. 2,022,598; Nov. 26.
- Razor, Safety. G. S. Jensen. 1,989,011; Jan. 22.
- Razor, Safety. H. A. Johnston. 1,991,097; Feb. 12.
- Razor, Safety. H. A. Johnston. 2,009,402; July 30.
- Razor, Safety. H. L. Kent. 2,003,201; May 28.
- Razor, Safety. C. S. Klegman. 2,001,198; May 14.
- Razor, Safety. G. B. Lambert. 2,015,901; Oct. 1.
- Razor, Safety. J. H. Lind. 2,011,151; Aug. 13.
- Razor, Safety. J. Martorell. 2,020,367; Nov. 12.
- Razor, Safety. C. D. McDowell. 1,998,200; Apr. 16.
- Razor, Safety. T. G. McGirr and T. M. Husch. 1,991,290; Feb. 12.
- Razor, Safety. J. E. McWilliams. 1,999,941; Apr. 30.
- Razor, Safety. J. E. McWilliams. 2,021,076; Nov. 12.
- Razor, Safety. I. B. Merriman. 1,991,404-5; Feb. 19.
- Razor, Safety. E. A. Moody. 1,995,621; Mar. 26.
- Razor, Safety. J. Muros. 1,992,038; Feb. 19.
- Razor, Safety. J. Muros. 2,009,272; July 23.
- Razor, Safety. L. Nagy. 1,999,200; Apr. 30.
- Razor, Safety. W. I. Ohmer. 2,008,589-91; July 16.
- Razor, Safety. E. Pirwitz. 2,018,147; Oct. 22.
- Razor, Safety. J. Rice. 2,013,174; Sept. 3.
- Razor, Safety. G. W. Rydner. 1,999,060; Apr. 23.
- Razor, Safety. H. R. Segal. 2,001,218; May 14.
- Razor, Safety. J. Sirca. 1,988,815; Jan. 22.
- Razor, Safety. C. H. Stuart. 2,010,446; Aug. 6.
- Razor, Safety. E. E. Taylor. 2,020,043; Nov. 5.
- Razor, Safety. N. Testi. 2,004,087; June 4.
- Razor, Safety. N. Testi. 2,006,062; June 25.
- Razor, Safety. A. W. Thistlethwaite. 2,003,872; June 4.
- Razor, Safety. A. F. Thompson. 2,018,042; Oct. 22.
- Razor, Safety. J. W. Tipery. 1,995,232; Mar. 19.
- Razor, Safety. S. Trachtenberg. 1,993,575; Mar. 5.
- Razor, Safety. H. W. Uhl. 2,015,825; Oct. 1.
- Razor, Safety. D. H. Ward. 1,989,576; Jan. 29.
- Razor, Safety. J. Weiger. 2,024,710; Dec. 17.
- Razor, Safety. H. F. de C. Wheeler. 1,992,107; Feb. 19.
- Razor, Safety. E. Wilson. 2,021,344; Nov. 19.
- Razor, Safety. J. R. Yotta. 2,002,104; May 21.
- Razor, Safety. I. N. Zeller. 2,011,431; Aug. 13.
- Razor with blade adapter. J. M. Moses. 1,991,289; Feb. 12.
- Reaction chambers for contact masses. J. W. Harrison. 1,992,946; Mar. 5.
- Reaction product of an organic acid amide and an alkylene oxide. L. Orthner and H. Keppler. 2,002,613; May 28.

- Reaction product of cineol and maleic anhydride and making it. E. R. Littmann. 1,993,037; Mar. 5.
- Reaction product of ketones and amines. L. Meuser and P. J. Leaper. 2,002,642; May 28.
- Reaction product of ureas and aldehydes, Drying. A. M. Howald. 2,016,199; Oct. 1.
- Reaction-propulsion method and plant. S. Campini. 2,024,274; Dec. 17.
- Reactions at elevated pressures, Apparatus for conducting. A. V. Grosse. 1,986,196; Jan. 1.
- Reactions between solids and gases, Process of, and apparatus for effecting. E. W. Wescott. 2,023,942; Dec. 10.
- Reading device. L. Grudin. 1,992,944; Mar. 5.
- Reading machine. G. Tauschek. 2,026,329-30; Dec. 31.
- Reading table, Multiuse. C. W. McNair. 2,014,394; Sept. 17.
- Reagents into liquid suspensions, Method and apparatus for introducing. K. E. Stuart. 2,021,616; Nov. 19.
- Reamer. E. E. Anderson and W. H. Fritz. 1,998,113; Apr. 16.
- Reamer and well scraper. J. J. Santiago. 1,992,546; Feb. 26.
- Reamer cutter assembly for earth boring drills. C. E. Reed. 2,026,323; Dec. 31.
- Reamer, Expansion. W. H. Evans. 1,989,476; Jan. 29.
- Reamer for earth boring drills. C. E. Reed. 1,999,132; Apr. 23.
- Reamer, Hydraulic and spring operated expansive. J. Grant. 2,019,047; Oct. 29.
- Reamer, Hydraulic expansive. J. J. Santiago. 1,993,182; Mar. 5.
- Reamer, Making a. R. W. Ellingham. 1,993,879; Mar. 12.
- Reaming apparatus. O. F. Eckroate. 2,014,679; Sept. 17.
- Reaming tool. C. E. Sturgis. 2,001,635; May 14.
- Receipt register, Duplicate. G. C. Coil and W. G. Orth. 2,021,985; Nov. 26.
- Receiver. W. Runge. 2,026,361; Dec. 31.
- Receiver arrangement, Short wave. H. M. Lewis. 2,000,084; May 7.
- Receiver detector control. D. Grimes. 2,000,945; May 14.
- Receiver for cigars, cigarettes, and the like. D. J. Sporman. 1,992,450; Feb. 26.
- Receiver for hair clippings, Sanitary. L. S. Post. 1,992,769; Feb. 26.
- Receiver for materials, such as artificial silk. T. Grauer. 2,014,681; Sept. 17.
- Receiver for the electrical transmission of intelligence. W. C. Roe. 1,991,416; Feb. 19.
- Receiver selectivity control arrangement. R. Rechnitzer. 2,012,321; Aug. 27.
- Receiver system, Multiplex. E. V. Amy and F. King. 1,995,731; Mar. 26.
- Receiver volume control. E. Klotz. 1,992,433; Feb. 26.
- Receiving apparatus. A. B. Cornelius and G. W. Young. 2,021,644; Nov. 19.
- Receiving apparatus. W. Runge. 2,001,747; May 21.
- Receiving apparatus, Multiplex. A. Kahn. 1,995,181; Mar. 19.
- Receiving arrangement, Multiple. M. von Ardenne. 1,986,488; Jan. 1.
- Receiving box. J. I. Unger and J. E. Mannen. 1,997,707; Apr. 16.
- Receiving system. H. M. Armstrong. 2,024,139; Dec. 17.
- Receiving system. G. R. Eaton. 2,024,152; Dec. 17.
- Receiving system. J. H. Phillips. 2,024,181; Dec. 17.
- Receptacle. *See—*
- Adhesive dispensing receptacle.
- Ash receptacle.
- Attachment plug receptacle.
- Antirobbery receptacle.
- Automatically closing receptacle.
- Bait fish receptacle.
- Catamenial receptacle.
- Cedar receptacle.
- Collapsible receptacle.
- Deposit receptacle.
- Dispensing receptacle.
- Display receptacle.
- Dumping receptacle.
- Dustless dross receptacle.
- Electric receptacle.
- Electrical outlet receptacle.
- Electrical receptacle.
- Flexible receptacle.
- Fluid receptacle.
- Garbage disposal receptacle.
- Ice receptacle.
- Lamp receptacle.
- Liquid dispensing receptacle.
- Receptacle. T. J. Abele. 2,001,445; May 14.
- Receptacle. L. V. Aronson. 1,995,956; Mar. 26.
- Receptacle. C. A. Buscham. 2,000,162; May 7.
- Receptacle. B. F. Conner. 2,009,250; July 23.
- Receptacle. W. B. Hirschon. 2,024,821; Dec. 17.
- Receptacle. E. L. Johannsen. 2,009,805; July 30.
- Receptacle. B. H. Lengsfeld. 2,021,559; Nov. 19.
- Receptacle. A. A. Lewis. 1,991,022; Feb. 12.
- Receptacle. S. G. Mandalian. 2,017,602; Oct. 15.
- Receptacle. W. C. Miller. 1,990,300; Feb. 5.
- Receptacle. R. R. Solar. 2,017,926; Oct. 22.
- Receptacle. M. B. Solomon. 1,992,513; Feb. 26.
- Receptacle. L. Staiano. 1,989,342; Jan. 29.
- Receptacle. W. J. Steinbreder. 1,991,965; Feb. 19.
- Receptacle. J. Visser. 1,994,933; Mar. 19.
- Receptacle. J. Visser. 2,001,272; May 14.
- Receptacle. C. P. Wellman. 1,996,778; Apr. 9.
- Receptacle. G. F. Wiemann. 1,988,064; Jan. 15.
- Receptacle and cover construction, Buried. W. D. Redrup. 2,016,558; Oct. 8.
- Receptacle and cutting guide, Combination. H. Hilsenrath. 2,014,252; Sept. 10.
- Receptacle and dispensing cabinet, Combination. P. H. Horwitt. 1,994,394; Mar. 12.
- Receptacle and frame therefor, Portable. J. Schoenfeld. 2,010,276; Aug. 6.
- Receptacle and hand support therefor, Clothes pin. E. F. Costigan. 1,989,473; Jan. 29.
- Receptacle and lighter unit, Combination ash. M. E. Bernhardt. 2,015,334; Sept. 24.
- Receptacle and making same. I. M. Johnson. 2,009,180; July 23.
- Receptacle and making same, Paper. G. W. Poppe. 2,000,188; May 7.
- Receptacle and plug. J. C. Clinton. 1,996,459; Apr. 2.
- Receptacle and printing device, Combined. D. C. Taylor. 1,987,379; Jan. 8.
- Receptacle blanks, Making. C. P. Wellman. 2,022,305; Nov. 26.
- Receptacle closure. J. W. Brown. 2,012,586; Aug. 27.
- Receptacle closure. S. W. Burnham. 2,008,001; July 16.
- Receptacle closure. G. F. Ionitz. 2,004,698; June 11.
- Receptacle closure and manufacture thereof. A. L. Merolle. 1,990,744; Feb. 12.
- Receptacle filling apparatus. C. N. Bergmann. 1,990,926; Feb. 12.
- Receptacle for a photographic reproducing machine, Document. C. J. Hughey. 2,005,370; June 18.
- Receptacle for ashes, Burial. E. A. Bircher. 2,009,724; July 30.
- Receptacle for bathers, Water-tight. E. H. Moore. 2,006,773; July 2.
- Receptacle for beverage bottles and refreshment containers. P. A. Hiener. 2,023,173; Dec. 3.
- Receptacle for bicycles. F. W. Schwinn. 2,011,016; Aug. 13.
- Receptacle for electric lamps, Shock and vibration proof. J. N. McTiggan. 2,007,206; July 9.
- Receptacle for growing plants. M. A. Raines. 2,026,322; Dec. 31.
- Receptacle for liquid material. A. Frieder. 1,986,887; Jan. 8.
- Receptacle for pastes. E. Elle and M. Wetzler. 2,001,819; May 21.
- Receptacle for printed and handwritten sheets. E. D. Greedy. 1,994,764; Mar. 19.
- Receptacle for smokers' use, Ash and like. A. V. Jones. 1,988,657; Jan. 22.
- Receptacle for wrist watch bands and chains, Ornamental link. G. W. Best. 2,004,685; June 11.
- Receptacle for zigzag folded forms. R. A. Lake. 2,014,939; Sept. 17.
- Receptacle forming and filling machine, Continuous motion. W. M. Ingram. 2,015,075; Sept. 24.
- Receptacle handle. J. J. Bacon. 2,017,782; Oct. 15.
- Receptacle handle. R. H. Lewis. 1,992,378; Feb. 26.
- Receptacle holder. H. L. Glidden. 2,006,451; July 2.
- Receptacle holder. J. W. Noxon. 2,025,607; Dec. 24.
- Receptacle lifter. J. J. Smith. 1,998,771; Apr. 23.
- Receptacle of molded pulp. A. Keiding. 1,986,824; Jan. 8.
- Receptacle of textile fabric and making the same. L. J. Kraus. 2,008,285; July 16.
- Receptacle parts, Method and apparatus for assembling. H. Hermani. 2,019,223; Oct. 29.
- Receptacle with leakageproof closure means therefor. R. Sorgan. 1,994,257; Mar. 12.
- Receptacles, Apparatus and method for forming edible. C. W. Howe and J. A. Nevin. 2,004,530; June 11.
- Receptacles, Apparatus for corrugating sheet metal. J. Stanitz and G. D. Boyer. 2,017,574; Oct. 15.
- Receptacles, Corrugating sheet metal. J. Stanitz and G. D. Boyer. 2,003,981; June 4.
- Receptacles, Device for cleaning. C. Braun. 2,017,941; Oct. 22.
- Receptacles, Method of and apparatus for making. A. H. Schmidke. 2,016,562; Oct. 8.
- Receptacles or the like with plastic granular or pulverulent materials, Filling. J. J. Dowling. 1,999,319; Apr. 30.
- Reception system, Diversity. E. F. Carter. 2,019,335; Oct. 29.
- Recessing cutter. W. B. Crockett. 2,000,824; May 7.
- Recipe guide. H. P. Luhn. 2,011,722; Aug. 20.
- Reciprocating engine. J. H. Johnson. 2,001,577; May 14.
- Reciprocating mechanism. E. J. McMahon. 1,986,590; Jan. 1.
- Reciprocating pump. A. L. R. Bernard. 2,016,621; Oct. 8.
- Reciprocating pump. K. E. L. Guinness. 1,995,424; Mar. 26.
- Reclining chair. G. E. Chandler. 2,016,133; Oct. 1.
- Reclining seat. A. B. Bell. 2,018,828; Oct. 29.
- Reclosing box. R. Guyer. 1,998,717; Apr. 23.
- Record. E. K. Bottle. 1,998,651; Apr. 23.

- Record card controlled machine. H. H. Keen. 1,989,867; Feb. 5.
- Record comparing and posting machine. C. Eichenauer. 2,016,709; Oct. 8.
- Record control for tabulating machines. W. D. Caton. 2,018,052; Oct. 22.
- Record controlled machine, Perforated. R. E. Page. 2,019,869; Nov. 5.
- Record controlling means. E. A. Johnston. 2,009,806; July 30.
- Record display device. E. T. Mottram. 2,017,633; Oct. 15.
- Record filing and selecting apparatus. G. Tauschek. 2,013,012; Sept. 3.
- Record filing appliance. N. B. Benson. 2,025,633; Dec. 24.
- Record, Manifolding. A. M. Bovier. 2,005,930; June 25.
- Record, Photographic sound. A. Whitaker. 2,002,620; May 28.
- Record resurfacing machine, Phonographic. L. Z. La Forest. 1,991,949; Feb. 19.
- Record resurfacing machine, Phonographic. L. Z. La Forest. 1,999,570; Apr. 30.
- Record sheets, Devices for feeding and sensing. E. A. Ford. 2,016,711; Oct. 8.
- Record strip control for manifolding machines. C. R. Mabon. 1,997,736; Apr. 16.
- Record system, Visible. E. C. Gast, Jr. 1,993,510; Mar. 5.
- Recorder: See—
- Electrical recorder. Pressure and temperature recorder.
 - Finger print recorder.
 - Oxygen recorder. Stock line recorder.
- Recorder. R. M. Florance. 1,997,137; Apr. 9.
- Recorder. C. M. F. Friden. 2,019,301; Oct. 29.
- Recorder. F. K. Taylor. 2,012,736; Aug. 27.
- Recorder stylus. A. C. Keller. 2,018,496; Oct. 22.
- Recording and reproducing device, Combined. A. A. Thomas. 1,992,893; Feb. 26.
- Recording and reproduction apparatus for mechanical sound record. K. Riess, O. Liebchen, and W. Schultze. 2,025,900; Dec. 31.
- Recording and reproduction of impulses. E. W. Kellogg. 1,998,931; Apr. 23.
- Recording apparatus. H. G. Johnstone and J. C. Gates. 2,021,311; Nov. 19.
- Recording apparatus. W. Laudenbach and F. E. Herndon. 1,997,692; Apr. 16.
- Recording device. J. M. Lucarelle. 2,016,505; Oct. 8.
- Recording device. T. Olsen. 2,020,372; Nov. 12.
- Recording device. R. H. Segal. 2,012,437; Aug. 27.
- Recording lamp. S. C. Whitman. 2,011,743; Aug. 20.
- Recording meter. R. Pudenko. 2,005,108; June 18.
- Recording micrometer gauge. W. B. Klemperer. 2,014,357; Sept. 10.
- Recording system. A. H. Belliveau. 1,993,870; Mar. 12.
- Recording system. J. H. Hammond, Jr. 2,008,711; July 23.
- Recording system. V. K. Zworykin. 1,996,449; Apr. 2.
- Records and the like, Preserving and protecting. E. C. Sloan. 2,013,867; Sept. 10.
- Records, Apparatus for making and reproducing sound and picture. B. Freund. 2,005,914; June 25.
- Records for talking machines, Apparatus for the production of disk. H. L. T. Buckle. 1,996,057; Apr. 2.
- Records, Method of and apparatus for manipulating talking machine or phonograph. R. F. Mallina. 2,022,293; Nov. 26.
- Records, Method of and apparatus for varying the length of sound. B. Freund. 1,996,958; Apr. 9.
- Records with a metallic base for talking machines, Production of sound. W. Biber. 2,008,092; July 16.
- Recover pack for tennis balls. M. M. Bayon. 2,021,042; Nov. 12.
- Recovery control. W. Edlich. 2,019,896; Nov. 5.
- Rectal instrument. R. M. Fry. 1,996,470; Apr. 2.
- Rectification process and apparatus. S. C. Carney. 2,026,019; Dec. 31.
- Rectification, Process of. S. S. Smith. 1,988,704; Jan. 22.
- Rectifier. H. G. André. 2,001,698; May 21.
- Rectifier. C. S. Ashcraft. 2,022,644; Dec. 3.
- Rectifier. W. Dällenbach. 2,023,166; Dec. 3.
- Rectifier. D. V. Edwards, and E. K. Smith. 2,012,339; Aug. 27.
- Rectifier. S. Ruben. 2,007,937; July 9.
- Rectifier and transformer cooling, Combined. T. F. Barton. 2,019,334; Oct. 29.
- Rectifier and water temperature controlling means therefor. Central-blast. A. L. Atherton. 2,011,605; Aug. 20.
- Rectifier arrangement. G. B. Hagen. 2,006,806; July 2.
- Rectifier compounding system. C. A. Sabbah. 1,986,604; Jan. 1.
- Rectifier control system. A. Gaudenzi. 1,999,755; Apr. 30.
- Rectifier device. S. Ruben. 2,014,239; Sept. 10.
- Rectifier, Dry. W. C. van Geel and H. Emmens. 2,002,221; May 21.
- Rectifier, Electric. G. I. Rhodes. 2,019,729; Nov. 5.
- Rectifier, Electrical. J. W. Livingston and M. B. Cameron. 1,990,947; Feb. 12.
- Rectifier for absorption refrigerating apparatus. R. S. Nelson. 2,023,968; Dec. 10.
- Rectifier for alternating current, Dry. R. J. Elsome-Jones. 1,986,582; Jan. 1.
- Rectifier for alternating electric currents. R. J. Elsome-Jones. 1,986,581; Jan. 1.
- Rectifier protective system. O. K. Marti. 1,989,485; Jan. 29.
- Rectifier, Regulated. J. B. Power. 2,000,189; May 7.
- Rectifier, Regulating vapor electric discharge. L. Leroy. 2,012,884; Aug. 27.
- Rectifier supply system. A. Hund. 2,017,658; Oct. 15.
- Rectifier system. H. M. Stoller. 1,995,404; Mar. 26.
- Rectifier transformer. A. J. Maslin, H. F. Fahnoe, and H. E. Schaffer. 2,024,739; Dec. 17.
- Rectifier tube. P. L. Spencer. 2,006,488; July 2.
- Rectifier unit for electrolysis control. E. A. Harty. 2,023,226; Dec. 3.
- Rectifier with arc control, Mercury vapor or noble gas. J. von Issendorff and F. Netzsch. 2,003,023; May 28.
- Rectifiers and circuits therefor, Controlling. W. H. Howe. 2,020,314; Nov. 12.
- Rectifying and inverting systems having rare gas or mercury vapor devices, Arrangement in. J. von Issendorff. 2,020,922; Nov. 12.
- Rectifying apparatus. C. H. Braselton. 2,007,939; July 9.
- Rectifying device. E. Marx. 1,992,829; Feb. 26.
- Rectifying process. D. E. Stines. 2,006,186; June 25.
- Rectifying system. E. Kern. 1,995,277; Mar. 19.
- Rectifying system. H. Meyer-Delius and E. Kern. 1,993,221; Mar. 5.
- Rectilinear motor. M. J. Baldwin. 1,986,616; Jan. 1.
- Recuperator for open hearth furnaces. W. H. Fitch. 2,004,916; June 11.
- Recycling process for cracking oil. F. H. Edson. 2,002,530; May 28.
- Red lead, Making. C. C. Rose and R. E. Sears. 1,992,395; Feb. 26.
- Reducing valve. B. L. Robart and E. P. Buell. 2,002,717; May 28.
- Reed container. E. Govoni. 1,997,820; Apr. 16.
- Reed for Axminster looms. W. E. McCleary. 2,025,879; Dec. 31.
- Reed for musical instruments. H. T. Prescott. 2,022,736; Dec. 3.
- Reed for saxophones, clarinets, and like wind instruments. M. Maccaferri. 2,013,567; Sept. 3.
- Reed mechanism, Movable. C. D. Brown. 1,998,306; Apr. 16.
- Reed motion for looms. E. R. Holmes. 2,007,120; July 2.
- Reed, rattan, and the like, Artificial. L. Q. Presby. 2,008,313; July 16.
- Reel: See—
- Automatic centering reel. Harvester reel.
 - Cable reel. Hose reel.
 - Casting reel. Spindle reel.
 - Film reel. Tape winding reel.
 - Fishing reel. Winding reel.
 - Grain lifting reel.
- Reel. R. B. Hayward. 2,023,171-2; Dec. 3.
- Reel. H. Hofmann. 1,992,915; Feb. 26.
- Reel. A. S. Howell. 2,004,608; June 11.
- Reel. G. S. Scott. 1,987,713; Jan. 15.
- Reel. R. P. Wiebking. 2,007,699; July 9.
- Reel and spindle mount therefor. A. S. Howell. 1,991,853; Feb. 19.
- Reel arm for motion picture projectors. P. S. Mallickson. 2,005,096; June 18.
- Reel assembling machine. H. R. Geer. 2,010,663; Aug. 6.
- Reel fitting. F. A. Bassett. 2,020,869; Nov. 12.
- Reel for automatic multiple spindle screw machines, Stock. A. E. Drissner. 2,011,712; Aug. 20.
- Reel for cables, Winding. C. M. Murphy. 2,013,733; Sept. 10.
- Reel for making automatically tied up or crossed hanks. C. Guseo and V. Ravasio. 2,009,177; July 23.
- Reel operating mechanism for dyeing machines. G. E. Drum and W. H. Jaxheimer. 1,986,626; Jan. 1.
- Reel supporting mechanism for use in printing machines. C. G. Quick, D. A. Ball, and T. R. Bennett. 2,004,493; June 11.
- Reels, Sealing. W. F. Knebusch and F. F. Hillix. 2,023,477; Dec. 10.
- Reenforced container. B. F. Kells. 1,990,788; Feb. 12.
- Reinforcement for mats. O. W. Jackson. 2,004,204; June 11.
- Reinforcement for tubular and like structures. W. F. Schulz. 2,002,987; May 28.
- Reinforcing bar. W. B. White. 2,016,128; Oct. 1.
- Reinforcing bar chair. H. L. Richards. 2,016,561; Oct. 8.
- Reinforcing members to articles and for pressing seams, Method of and machine for affixing. E. F. Schmidt. 2,021,966; Nov. 26.
- Reinforcing rod tie. W. E. Mathews. 1,999,508; Apr. 30.
- Reinforcing structure in buildings. P. Buzzoni. 2,022,950; Dec. 3.
- Refined products from mineral oils, Manufacturing. W. J. D. VanDijk. 2,023,375; Dec. 3.
- Refinery fitting. C. B. Harbison. 2,006,084; June 25.
- Refining cupola furnace. P. Marx. 1,993,972; Mar. 12.
- Refining process. F. M. Clark. 1,994,302; Mar. 12.
- Reflecting device for highways. J. C. Stimson. 2,022,639; Nov. 26.
- Reflecting properties of surface finishes, Apparatus for demonstrating. E. L. Canfield. 2,022,402; Nov. 26.
- Reflecting sign. R. P. Benoit. 1,990,518; Feb. 12.
- Reflection preventing means. H. C. Grant, Jr. 2,012,230; Aug. 20.

- Reflector. W. V. Bergen and A. C. Shute. 1,987,357; Jan. 8.
- Reflector. F. C. Harms. 1,989,515; Jan. 29.
- Reflector. J. Kosten and J. J. Verwys. 2,002,015; May 21.
- Reflector. O. C. Ritz-Woller. 2,023,442; Dec. 10.
- Reflector. W. G. Wood. 2,014,012; Sept. 10.
- Reflector, Adjustable neck. C. T. Von Holtz. 2,004,142; June 11.
- Reflector device. A. J. Giebel. 2,016,546; Oct. 8.
- Reflector device. M. P. Leeds. 2,016,333; Oct. 8.
- Reflector for automobiles and the like, Close rear vision. A. P. Trufant. 1,986,033; Jan. 1.
- Reflector for cinematographic purposes. G. G. Moreno. 2,015,722; Oct. 1.
- Reflector for lamps. F. R. Dietrich. 2,012,338; Aug. 27.
- Reflector for motor vehicles, Detecto. R. O. Weddel. 1,997,026; Apr. 9.
- Reflector, Metal backed. S. C. Langdon. 1,998,088; Apr. 16.
- Reflector mounting. R. P. May. 1,991,861; Feb. 19.
- Reflector surface and producing the same, Aluminum. J. D. Edwards. C. S. Taylor, and W. W. Wentz. 1,999,042; Apr. 23.
- Reflectoscope, Macular. C. E. H. Armbruster. 1,990,107; Feb. 5.
- Reflex copies, Making. L. P. F. van der Grinten. 2,022,014; Nov. 26.
- Refraction of the eye, Apparatus for the objective determination of the. E. F. Fincham. 2,012,758; Aug. 27.
- Refractory and abrasive materials, Method of and apparatus for producing fused. R. C. Benner and G. J. Easter. 2,021,221; Nov. 19.
- Refractory article. K. E. Buck. 2,013,625; Sept. 3.
- Refractory articles, Forming. F. J. Tone. 2,008,117; July 16.
- Refractory bodies, Glazing. R. F. Rennie. 1,989,824; Feb. 5.
- Refractory ceramic. J. M. McKinley and W. K. Carter. 2,019,618; Nov. 5.
- Refractory composition, Making a. E. R. Stowell. 2,009,566; July 30.
- Refractory composition, Stable di-calcium silicate. A. T. Cape and K. B. Bowman. 2,015,446; Sept. 24.
- Refractory, Fired siliceous-tribarium aluminate. J. M. McKinley and W. K. Carter. 2,017,723; Oct. 15.
- Refractory for glass tanks and the like. R. C. Benner and H. N. Baumann, Jr. 2,019,209; Oct. 29.
- Refractory material. G. D. Cain. 2,021,222; Nov. 19.
- Refractory material and making the same. C. E. Williams and J. D. Sullivan. 1,994,377; Mar. 12.
- Refractory material, Apparatus for sintering. G. F. Taylor. 2,022,528; Nov. 26.
- Refractory material for use in metal castings and making the same. A. S. Weyandt. 1,999,382; Apr. 30.
- Refractory product. H. N. Baumann, Jr., and C. McMullen. 2,019,208; Oct. 29.
- Refractory products and the like, Making. C. McMullen. 2,004,378; Jan. 11.
- Refractory, Siliceous. J. M. McKinley and W. K. Carter. 2,019,542; Nov. 5.
- Refrigerant. J. B. Churchill. 1,996,538; Apr. 2.
- Refrigerant applicator. C. A. Bohémier and A. C. Attendu. 1,991,784; Feb. 19.
- Refrigerant blocks, Apparatus for automatically forming. D. A. Marcus and W. W. Ogier, Jr. 1,989,873-4; Feb. 5.
- Refrigerant bunker for containers. G. C. Woodruff. 2,024,082; Dec. 10.
- Refrigerant composition. R. W. Davenport. 1,986,959; Jan. 8.
- Refrigerant compressing apparatus. W. B. Anderson. 2,012,704; Aug. 27.
- Refrigerant compressor. R. E. Marbury. 2,019,689; Nov. 5.
- Refrigerant compressor structure. J. R. Replogle. 2,011,079; Aug. 13.
- Refrigerant control device. J. Askin. 2,021,881; Nov. 26.
- Refrigerant control device. L. C. Smith. 1,987,948; Jan. 15.
- Refrigerant control device. L. G. Smith. 2,010,379; Aug. 13.
- Refrigerant cooler. W. Fourness. 2,009,882; July 30.
- Refrigerant for refrigerating processes in which the refrigerant has to be compressed. A. Guyer. 2,014,496; Sept. 17.
- Refrigerant gas compressor. W. W. Higham. 2,025,240; Dec. 24.
- Refrigerant pumping system. S. E. Koplar. 1,986,584; Jan. 1.
- Refrigerant valve. W. T. Weaver. 1,996,892; Apr. 9.
- Refrigerants in refrigerating plants, Device for regulating the flow of. R. J. Cracknell. 2,024,721; Dec. 17.
- Refrigerated container. C. L. Lohner. 2,017,504; Oct. 15.
- Refrigerated show case. C. E. Rorrer and A. R. Mitterer. 2,011,731; Aug. 20.
- Refrigerated tank. F. C. Thwaits. 1,987,917; Jan. 15.
- Refrigerating and advertising display device, Combined. S. G. House and A. B. Small. 2,002,061; May 21.
- Refrigerating and dispensing apparatus. C. A. Rodman. 2,009,817; July 30.
- Refrigerating apparatus. E. E. Allyne. 2,002,426; May 21.
- Refrigerating apparatus. F. W. Andrews. 2,024,266; Dec. 17.
- Refrigerating apparatus. J. H. Ashbaugh. 2,009,246; July 23.
- Refrigerating apparatus. A. Bikkers. 2,020,232; Nov. 5.
- Refrigerating apparatus. A. Bikkers. 2,020,763; Nov. 12.
- Refrigerating apparatus. C. Birdseye and B. Hall. 2,014,550; Sept. 17.
- Refrigerating apparatus. H. T. Chamberlin. 2,017,947; Oct. 22.
- Refrigerating apparatus. D. E. Dasher. 1,990,471; Feb. 12.
- Refrigerating apparatus. H. J. Dick. 2,001,323; May 14.
- Refrigerating apparatus. E. Dickey. 2,021,052; Nov. 12.
- Refrigerating apparatus. R. W. Doeg. 2,018,515; Oct. 22.
- Refrigerating apparatus. H. D. Eiche. 1,989,653; Jan. 29.
- Refrigerating apparatus. W. S. Eubank. 2,019,296; Oct. 29.
- Refrigerating apparatus. G. M. Evans. 2,015,515; Sept. 24.
- Refrigerating apparatus. H. L. Forman. 2,000,440; May 7.
- Refrigerating apparatus. R. S. Gaugler. 2,016,368; Oct. 8.
- Refrigerating apparatus. H. George. 2,000,590; May 7.
- Refrigerating apparatus. J. L. Gibson. 1,988,549; Jan. 22.
- Refrigerating apparatus. J. L. Gibson and W. G. Winkler. 2,022,764; Dec. 3.
- Refrigerating apparatus. L. Green. 2,016,327; Oct. 8.
- Refrigerating apparatus. J. A. Grier. 2,008,549; July 16.
- Refrigerating apparatus. F. T. Grothouse. 2,006,992; July 2.
- Refrigerating apparatus. W. R. Hainsworth. 2,021,994; Nov. 26.
- Refrigerating apparatus. E. Heitman. 1,996,808; Apr. 9.
- Refrigerating apparatus. E. Heitman. 2,012,308; Aug. 27.
- Refrigerating apparatus. E. Heitman. 2,013,515-16; Sept. 3.
- Refrigerating apparatus. E. Heitman. 2,018,521; Oct. 22.
- Refrigerating apparatus. C. F. Henney. 1,997,789; Apr. 16.
- Refrigerating apparatus. G. F. Hofferberth. 1,999,293; Apr. 30.
- Refrigerating apparatus. W. C. Holbrook. 2,008,325; July 16.
- Refrigerating apparatus. H. B. Hull. 2,008,715; July 23.
- Refrigerating apparatus. H. B. Hull. 2,017,152; Oct. 15.
- Refrigerating apparatus. H. B. Hull. 2,024,290; Dec. 17.
- Refrigerating apparatus. H. B. Hull and C. E. Kampman. 1,997,793; Apr. 16.
- Refrigerating apparatus. E. Kugi. 2,025,456; Dec. 24.
- Refrigerating apparatus. L. M. Keighley. 2,022,460; Nov. 26.
- Refrigerating apparatus. J. R. Killen. 2,009,623; July 30.
- Refrigerating apparatus. J. R. Killen. 2,022,771; Dec. 3.
- Refrigerating apparatus. G. K. King. 1,987,510; Jan. 8.
- Refrigerating apparatus. B. Y. Kinzey. 1,987,258; Jan. 8.
- Refrigerating apparatus. J. Kirgan. 2,026,233; Dec. 31.
- Refrigerating apparatus. A. A. Kucher. 1,985,931; Jan. 1.
- Refrigerating apparatus. A. A. Kucher. 2,022,774; Dec. 3.
- Refrigerating apparatus. A. A. Kucher. 2,024,295; Dec. 17.
- Refrigerating apparatus. S. A. Limpert. 2,017,215; Oct. 15.
- Refrigerating apparatus. C. E. L. Lipman. 2,018,139; Oct. 22.
- Refrigerating apparatus. G. W. Mason. 1,987,783; Jan. 15.
- Refrigerating apparatus. A. A. McCormack and W. W. Watt. 2,010,924; Aug. 13.
- Refrigerating apparatus. J. A. Macready. 2,024,297; Dec. 17.
- Refrigerating apparatus. H. H. McGehee. 2,013,521; Sept. 3.
- Refrigerating apparatus. R. D. McIntosh. 1,992,900; Feb. 26.
- Refrigerating apparatus. W. O. Meyer. 1,999,977; Apr. 30.
- Refrigerating apparatus. C. A. Mulholland. 2,009,067; July 23.
- Refrigerating apparatus. G. R. Ohmart. 1,996,826; Apr. 9.
- Refrigerating apparatus. G. R. Ohmart. 2,001,885; May 21.
- Refrigerating apparatus. R. G. Osborn. 2,023,284; Dec. 3.
- Refrigerating apparatus. C. L. Paulus. 2,010,927; Aug. 13.
- Refrigerating apparatus. G. C. Pearce. 2,021,087; Nov. 12.
- Refrigerating apparatus. G. C. Pearce and D. F. Alexander. 2,009,410; July 30.
- Refrigerating apparatus. L. A. Philipp. 1,987,792-3; Jan. 15.
- Refrigerating apparatus. L. A. Philipp. 2,000,787; May 7.
- Refrigerating apparatus. L. A. Philipp. 2,021,924; Nov. 26.
- Refrigerating apparatus. C. E. Quinn. 2,024,599; Dec. 17.
- Refrigerating apparatus. E. C. Raney. 2,007,342; July 9.
- Refrigerating apparatus. D. H. Reeves. 2,003,492; June 4.

- Refrigerating apparatus. F. M. Rooney. 1,989,247; Jan. 29.
- Refrigerating apparatus. H. E. Rosebrook. 2,009,975; July 30.
- Refrigerating apparatus. A. V. Rudd and C. L. Ashley. 2,007,837; July 9.
- Refrigerating apparatus. A. F. Sanford. 2,004,014; June 4.
- Refrigerating apparatus. S. M. Schweller. 2,000,619; May 7.
- Refrigerating apparatus. J. H. Sheats. 1,995,438; Mar. 26.
- Refrigerating apparatus. H. F. Smith. 1,996,441; Apr. 2.
- Refrigerating apparatus. H. F. Smith. 2,022,787; Dec. 3.
- Refrigerating apparatus. L. C. Smith. 2,014,703; Sept. 17.
- Refrigerating apparatus. C. W. Spohr. 2,010,279; Aug. 6.
- Refrigerating apparatus. E. O. Stout. 2,018,747; Oct. 29.
- Refrigerating apparatus. O. M. Summers. 2,005,057; June 18.
- Refrigerating apparatus. M. C. Terry. 1,990,883; Feb. 12.
- Refrigerating apparatus. M. C. Terry. 2,007,730; July 9.
- Refrigerating apparatus. J. Touborg. 2,020,860; Nov. 12.
- Refrigerating apparatus. C. C. Thomas. 2,014,346; Sept. 10.
- Refrigerating apparatus. H. Wallace. 2,019,588; Nov. 5.
- Refrigerating apparatus. W. W. Watt. 1,995,527; Mar. 26.
- Refrigerating apparatus. G. F. Woelfel. 2,018,589; Oct. 22.
- Refrigerating apparatus, Absorption. E. Altenkirch. 1,995,410; Mar. 26.
- Refrigerating apparatus, Absorption. E. Altenkirch. 2,014,096; Sept. 10.
- Refrigerating apparatus, Absorption. F. Dardin and E. Altenkirch. 2,008,350; July 16.
- Refrigerating apparatus, Absorption. T. M. Elfving. 1,992,745; Feb. 26.
- Refrigerating apparatus, Absorption. K. Hähnle. 2,019,409; Oct. 29.
- Refrigerating apparatus, Absorption. R. S. Nelson. 1,993,378-9; Mar. 5.
- Refrigerating apparatus, Absorption. R. S. Nelson and E. Babcock. 1,993,380; Mar. 5.
- Refrigerating apparatus, Absorption. R. S. Nelson and W. C. Davidson. 1,993,381; Mar. 5.
- Refrigerating apparatus and method. W. E. Carpenter. 2,002,309; May 21.
- Refrigerating apparatus and method, Absorption. E. Altenkirch. 1,997,668; Apr. 16.
- Refrigerating apparatus and method, Absorption. S. M. Bäckström. 1,996,094; Apr. 2.
- Refrigerating apparatus and method, Absorption. G. Maiuri. 2,002,958; May 28.
- Refrigerating apparatus and method, Intermittent absorption. D. B. Knight. 2,001,142; May 14.
- Refrigerating apparatus, Artificial. E. P. Oswald. 1,991,514; Feb. 19.
- Refrigerating apparatus, Autodefrozing. W. F. Baird. 1,993,129; Mar. 5.
- Refrigerating apparatus for the storage and preservation of food, delicacies, and the like. J. F. I. Ingvarsdén and E. A. D. Levring. 1,993,328; Mar. 5.
- Refrigerating apparatus, Intermittent absorption. D. B. Knight. 2,001,143; May 14.
- Refrigerating coils, Apparatus for defrosting. I. G. Furnas. 1,993,575; Apr. 23.
- Refrigerating container. J. S. Littleford, Jr. 1,998,681; Apr. 23.
- Refrigerating device. J. P. Green. 2,012,190; Aug. 20.
- Refrigerating device. R. H. Jordan. 2,020,946; Nov. 12.
- Refrigerating device. L. C. Smith. 1,986,379; Jan. 1.
- Refrigerating device. L. C. Smith. 1,994,440; Mar. 12.
- Refrigerating device. L. C. Smith. 2,023,749; Dec. 10.
- Refrigerating device for displaying and preserving perishable goods such as foods, delicacies and the like. W. Hamel. 1,993,325; Mar. 5.
- Refrigerating machine. M. J. Ajam. 2,011,964; Aug. 20.
- Refrigerating machine. L. W. Atchison. 1,987,460; Jan. 8.
- Refrigerating machine. G. Maiuri. 1,993,518; Mar. 5.
- Refrigerating machine, Absorption. E. Altenkirch. 2,001,697; May 21.
- Refrigerating machine operating with a solid absorbent. W. B. Normell. 2,019,356; Oct. 29.
- Refrigerating machine with automatic float and temperature control. L. Buehler, Jr. 1,986,249; Jan. 1.
- Refrigerating machine with heat recovery, Absorption. W. B. Normell. 2,017,471; Oct. 15.
- Refrigerating means. J. M. LeGrand. 2,022,048; Nov. 26.
- Refrigerating means and accumulator and system of operating the same. F. T. Leilich. 1,990,081; Feb. 5.
- Refrigerating mechanism. J. R. Replogle. 1,987,708; Jan. 15.
- Refrigerating method and apparatus. D. F. Keith. 1,991,944; Feb. 19.
- Refrigerating method and apparatus. E. Rice, Jr. 2,012,892; Aug. 27.
- Refrigerating method and apparatus. A. L. Still. 2,005,354; June 18.
- Refrigerating plant. A. Seligmann. 2,014,701; Sept. 17.
- Refrigerating portable receptacle. F. R. Kissling and E. R. Marbach. 2,024,648; Dec. 17.
- Refrigerating process and apparatus. C. W. McCoy. 2,013,692; Sept. 10.
- Refrigerating receptacle. C. Kühnel and E. Rauscher. 1,993,998; Mar. 12.
- Refrigerating show case. R. E. Frederick. 1,990,431; Feb. 5.
- Refrigerating show case. C. E. Rorrer and A. R. Mitterer. 1,987,796-7; Jan. 15.
- Refrigerating structure. E. A. Sweeley and N. T. Anderson. 2,017,172; Oct. 15.
- Refrigerating system. V. G. Apple. 2,007,701; July 9.
- Refrigerating system. F. A. Kolster. 1,995,124; Mar. 19.
- Refrigerating system. J. F. Kopsa. 2,002,033; May 21.
- Refrigerating system. A. L. Lambert. 2,000,525; May 7.
- Refrigerating system. L. U. Larkin. 1,990,290; Feb. 5.
- Refrigerating system. C. E. L. Lipman. 2,000,965; May 14.
- Refrigerating system. C. G. Munters. 2,010,408; Aug. 6.
- Refrigerating system. W. V. Musto. 2,013,167; Sept. 3.
- Refrigerating system. C. A. Otto. 2,019,724; Nov. 5.
- Refrigerating system. D. L. Reynolds. 1,999,595; Apr. 30.
- Refrigerating system. E. Sjöfö. 1,994,078; Mar. 12.
- Refrigerating system. G. Varney. 2,019,551; Nov. 5.
- Refrigerating system, Continuous absorption. R. S. Nelson and W. C. Davidson. 2,020,654; Nov. 12.
- Refrigerating system for low temperature purposes, Compression. H. Brier and J. H. Brier. 2,002,307; May 21.
- Refrigerating systems, Attachment for. E. T. Link. 2,019,421; Oct. 29.
- Refrigerating unit. F. W. Daemicke. 2,014,837; Sept. 17.
- Refrigerating unit. H. E. Elrod. 2,016,082; Oct. 1.
- Refrigerating unit. M. P. Fugle. 2,009,312; July 23.
- Refrigerating unit. W. W. Williams. 2,012,209; Aug. 20.
- Refrigerating units, Defrosting. N. F. Fretter. 2,010,259; Aug. 6.
- Refrigerating with solid refrigerants, Method and apparatus for. W. G. Mayer. 2,026,353; Dec. 31.
- Refrigeration. H. D. Bennett. 2,013,946; Sept. 10.
- Refrigeration. F. R. Bichowsky. 1,992,177; Feb. 26.
- Refrigeration. R. R. Candor. 2,017,946; Oct. 22.
- Refrigeration. D. K. Dean. 2,020,460; Nov. 12.
- Refrigeration. A. Flukes. 2,005,258; June 18.
- Refrigeration. R. L. Hallock. 2,009,801-3; July 30.
- Refrigeration. G. E. Hulse. 2,010,431; Aug. 6.
- Refrigeration. J. G. King. 1,989,422; Jan. 29.
- Refrigeration. C. G. Munters. 2,023,089-90; Dec. 3.
- Refrigeration. G. C. Pearce. 2,018,896; Oct. 29.
- Refrigeration. F. D. Peltier and C. E. Ploeger. 2,023,435; Dec. 10.
- Refrigeration. F. D. Rexwinkle. 2,003,310; June 4.
- Refrigeration. E. H. Ryden. 2,001,797; May 21.
- Refrigeration. E. Thomson. 2,007,288; July 9.
- Refrigeration. H. M. Ullstrand. 1,993,764; Mar. 12.
- Refrigeration. H. M. Ullstrand. 1,994,080; Mar. 12.
- Refrigeration. G. Varney. 1,987,170; Jan. 8.
- Refrigeration. G. Varney. 2,015,167-8; Sept. 24.
- Refrigeration. H. M. Williams. 2,005,834; June 25.
- Refrigeration, Absorption. K. V. Nesselmann. 2,023,969; Dec. 10.
- Refrigeration and heating. B. F. Randel. 1,993,300; Mar. 5.
- Refrigeration apparatus. E. L. Barnes. 2,002,389; May 21.
- Refrigeration apparatus. C. O. Bergstrom. 2,020,096; Nov. 5.
- Refrigeration apparatus. G. F. Forsthoefel. 2,012,262; Aug. 27.
- Refrigeration apparatus. M. P. Fugle. 1,990,541; Feb. 12.
- Refrigeration apparatus. L. F. Goines. 1,996,803; Apr. 9.
- Refrigeration apparatus. K. M. Hammell. 1,987,739; Jan. 15.
- Refrigeration apparatus. G. A. Leyner. 1,991,762; Feb. 19.
- Refrigeration apparatus. G. A. Leyner. 1,992,379; Feb. 26.
- Refrigeration apparatus. J. W. McNulty. 2,000,775; May 7.
- Refrigeration apparatus. R. S. Nelson. 2,017,288; Oct. 15.
- Refrigeration apparatus. R. L. Page. 1,988,214; Jan. 15.
- Refrigeration apparatus and method. H. E. Willis. 2,003,411; June 4.
- Refrigeration, Apparatus and method for controlling. E. J. Dillman. 2,008,663; July 23.
- Refrigeration, Artificial. D. T. Wright. 1,994,031; Mar. 12.
- Refrigeration, Car. D. P. Minard. 2,024,052-3; Dec. 10.
- Refrigeration, Continuous absorption. E. Altenkirch. 2,000,005; May 7.
- Refrigeration, Domestic. W. W. Williams. 2,014,917; Sept. 17.
- Refrigeration equipment. L. F. Moody. 2,011,646; Aug. 20.
- Refrigeration evaporator. J. D. Lear. 1,994,430; Mar. 12.
- Refrigeration, Method and apparatus for. W. S. Foraker. 2,026,227; Dec. 31.
- Refrigeration, Method and apparatus for. E. Rice, Jr. 1,989,609; Jan. 29.
- Refrigeration, Method and apparatus for. E. Rice, Jr. 1,992,889; Feb. 26.
- Refrigeration plant, Inverted. H. J. Stoever. 2,008,407; July 16.

- Refrigeration process. E. B. Miller and G. C. Connolly. 1,991,465; Feb. 19.
- Refrigeration. Process and apparatus for. J. C. Armor. 2,026,206; Dec. 31.
- Refrigeration system. M. R. Moore. 2,009,373; July 23.
- Refrigeration system. M. R. Moore. 2,011,296; Aug. 13.
- Refrigeration system. G. Varney. 2,021,971; Nov. 26.
- Refrigeration system. A. E. Young. 2,024,083; Dec. 10.
- Refrigeration system. Absorption. D. B. Knight. 1,994,475; Mar. 19.
- Refrigeration. System for producing. H. D. Edwards. 1,989,636; Jan. 29.
- Refrigeration system or apparatus, Mechanical. R. Killstad. 2,007,719; July 9.
- Refrigerator. C. F. Belshaw. 2,002,305; May 21.
- Refrigerator. C. F. Belshaw. 2,013,263; Sept. 3.
- Refrigerator. W. D. Drysdale. 1,992,298; Feb. 26.
- Refrigerator. E. E. Eickmeyer. 2,024,436; Dec. 17.
- Refrigerator. E. E. Fowler. 1,999,899; Apr. 30.
- Refrigerator. C. A. Frick. 1,990,987; Feb. 12.
- Refrigerator. G. E. Friedrich. 2,004,692; June 11.
- Refrigerator. W. Hirsch. 2,016,637; Oct. 8.
- Refrigerator. O. G. Isaacson. 1,988,042; Jan. 15.
- Refrigerator. H. W. Kleist. 2,001,199; May 14.
- Refrigerator. A. L. Lambert. 1,999,839; Apr. 30.
- Refrigerator. G. Lange, R. Sommers, and M. C. Saylor. 1,999,907; Apr. 30.
- Refrigerator. C. E. L. Lipman. 2,017,285; Oct. 15.
- Refrigerator. M. H. Loughbridge. 2,025,760; Dec. 31.
- Refrigerator. J. H. McCann. 2,025,761; Dec. 31.
- Refrigerator. W. D. McClellan. 2,024,977; Dec. 17.
- Refrigerator. B. K. Miller. 2,010,604; Aug. 6.
- Refrigerator. C. L. Moorman. 2,002,643; May 28.
- Refrigerator. W. G. and G. R. Seeger. 1,989,158; Jan. 29.
- Refrigerator. R. H. Strait. 2,021,468; Nov. 19.
- Refrigerator. N. Sulzberger. 2,024,612; Dec. 17.
- Refrigerator and food storage device particularly therefor. R. L. Hallock. 2,008,303; July 16.
- Refrigerator and temperature control device. V. W. Moody. 2,001,105; May 14.
- Refrigerator apparatus. A. K. Phillippi. 2,006,478; July 2.
- Refrigerator arrangement. C. H. B. Conley. 1,991,661; Feb. 19.
- Refrigerator article receptacle. H. H. Gilbert and J. R. Replogle. 2,000,944; May 14.
- Refrigerator assembly, Electric. H. E. Blood. 2,012,494; Aug. 27.
- Refrigerator cabinet support. S. M. Schweller. 2,015,292; Sept. 24.
- Refrigerator car. H. Giddings. 1,991,740; Feb. 19.
- Refrigerator condenser. C. Steenstrup. 2,019,324; Oct. 29.
- Refrigerator container. W. F. Kiesel, Jr. 1,997,936; Apr. 16.
- Refrigerator defrosting device. C. W. Greever, Jr. 1,988,552; Jan. 22.
- Refrigerator display. F. R. Erbach. 2,008,950; July 23.
- Refrigerator display case. R. S. Ahrens. 2,014,830; Sept. 17.
- Refrigerator display case. R. P. Daemicke. 2,008,203; July 16.
- Refrigerator domestic. R. C. Brown. 2,000,879; May 7.
- Refrigerator drawer. A. J. Feltault. 2,014,647; Sept. 17.
- Refrigerator evaporator. L. W. Atchison. 1,996,605; Apr. 2.
- Refrigerator evaporator. C. Steenstrup. 1,992,018; Feb. 19.
- Refrigerator evaporator. H. S. Woodruff. 2,002,444; May 21.
- Refrigerator evaporator device. D. P. Heath. 2,012,666; Aug. 27.
- Refrigerator Florist's. G. E. Friedrich. 2,004,691; June 11.
- Refrigerator for solid CO₂. J. H. Woolf. 1,986,903; Jan. 8.
- Refrigerator latch. M. J. Gouloze. 2,021,914; Nov. 26.
- Refrigerator latch. H. W. McPherson. 2,001,740; May 21.
- Refrigerator latch. A. F. Winters and G. E. De Voe. 2,010,907; Aug. 13.
- Refrigerator rack. C. L. Hibbard, Jr. 2,005,939; June 25.
- Refrigerator sealing strip. R. S. Taylor. 2,003,726; June 4.
- Refrigerator shelf-securing means. R. L. Rickard and W. D. Collins. 2,021,464; Nov. 19.
- Refrigerator Show case. E. E. Sanders. 2,014,590; Sept. 17.
- Refrigerator structure. L. G. Copeman. 2,002,339; May 21.
- Refrigerator structure. T. D. Montee. 1,997,225; Apr. 9.
- Refrigerator throat lining. H. E. Blood. 1,995,339; Mar. 26.
- Refrigerator unit, Rearwardly removable. J. R. Replogle. 2,011,078; Aug. 13.
- Refrigerators. Device and method for treating. T. S. Saford. 1,991,702; Feb. 19.
- Refuse-collection device. W. F. Ehrick and R. A. Garverick. 2,002,993; May 28.
- Refuse destructor. G. L. Tuppen. 2,008,884; July 23.
- Refuse from coal, Method and apparatus for separating. J. H. Fletcher. 2,014,249; Sept. 10.
- Refuse from pits, Apparatus for removing. E. Jowett. 1,986,109; Jan. 1.
- Refuse incineration. I. S. Osborn. 2,000,296; May 7.
- Refuse receptacle, Garbage and miscellaneous. D. Trompeter. 2,015,824; Oct. 1.
- Refuse, Sorting. W. Conway. 2,010,508; Aug. 6.
- Refuse treating apparatus. F. C. Evans. 1,986,719; Jan. 1.
- Regenerative furnace. F. H. Loftus. 2,009,236; July 23.
- Regenerative system and operating the same. J. A. Heany and H. St. Laurent. 2,002,201; May 21.
- Register. J. H. Bailey. 2,017,680; Oct. 15.
- Register. H. S. Covell. 2,017,306; Oct. 15.
- Register and money changer, Combination. H. W. White. 1,992,269; Feb. 26.
- Register, Autographic. F. G. Diesbach. 2,016,242; Oct. 1.
- Register, Autographic. L. Jensen. 1,988,203; Jan. 15.
- Register, Cash. L. G. A. Kömmling. 1,991,560; Feb. 19.
- Register, Electrically operated. G. C. Coil. 1,986,184; Jan. 1.
- Register, Electrically operated. L. J. J. Schreiber. 2,008,262; July 16.
- Register, Reminding. E. Z. Bukowski. 2,020,237; Nov. 5.
- Registers, Resetting device for. S. Aamot and A. E. Olson. 2,020,225; Nov. 5.
- Registering device. P. Cordone. 2,022,407; Nov. 26.
- Registering device. W. K. Holland. 1,991,612; Feb. 19.
- Registering device for measuring instruments and appliances, Automatic. M. Büml. 2,024,793; Dec. 17.
- Registering device for printing presses. J. Bard. 2,016,221; Oct. 1.
- Registration compensating means. T. M. Avery. 1,999,164; Apr. 23.
- Regulating and metering apparatus. G. M. Deming. 2,023,008; Dec. 3.
- Regulating apparatus. F. H. Gulliksen. 2,012,426; Aug. 27.
- Regulating apparatus. B. Lepek. 1,996,679; Apr. 2.
- Regulating apparatus. J. L. Roth. 2,018,035; Oct. 22.
- Regulating device. E. Fischel. 2,014,965; Sept. 17.
- Regulating device. W. Oehl. 2,019,723; Nov. 5.
- Regulating device for forced air registers. S. Hart and J. Carlson. 2,017,407; Oct. 15.
- Regulating device for grain binders, Grain. A. J. Witt. 1,998,480; Apr. 23.
- Regulating device for pulsators. J. A. Schmitt. 2,017,807; Oct. 15.
- Regulating system. J. H. Ashbaugh. 2,005,883; June 25.
- Regulating system. H. Bany. 1,998,302; Apr. 16.
- Regulating system. A. S. Fitz Gerald. 2,025,584; Dec. 24.
- Regulating system. A. S. Fitz Gerald and G. W. Garman. 2,025,583; Dec. 24.
- Regulating system. A. D. Forbes. 1,991,088; Feb. 12.
- Regulating system. C. L. Fortescue. 1,987,736; Jan. 15.
- Regulating system. G. W. Garman. 2,002,371; May 21.
- Regulating system. F. H. Gulliksen. 2,020,942; Nov. 12.
- Regulating system. J. F. Kovalsky. 2,023,084; Dec. 3.
- Regulating system. J. T. Mercereau and A. J. Maslin. 2,000,776; May 7.
- Regulating system. A. C. Monteith. 2,018,218; Oct. 22.
- Regulating system. H. V. Nye. 1,993,720; Mar. 5.
- Regulating system. O. Schmutz. 1,997,657; Apr. 16.
- Regulating system. S. A. Staeger. 1,987,720; Jan. 15.
- Regulating system. S. A. Staeger. 1,991,066-7; Feb. 12.
- Regulating system. S. A. Staeger, H. W. Reding, and J. F. Peters. 2,015,539; Sept. 24.
- Regulating system. L. G. Tubbs. 2,011,663; Aug. 20.
- Regulating system, Automatic. A. S. Fitz Gerald. 2,026,124; Dec. 31.
- Regulating system for dynamo-electric machines. A. E. Drobish. 2,008,855; July 23.
- Regulating the mixing of ingredients, Apparatus for. J. and G. C. Schaub. 2,020,435; Nov. 12.
- Regulating valve. C. E. Lucke. 2,000,966; May 14.
- Regulating valve. P. Spence. 1,995,949; Mar. 26.
- Regulating valve. E. F. Stover. 1,992,552; Feb. 26.
- Regulating valve, Float control. D. K. Warner. 2,009,284; July 23.
- Regulation compensating arrangement. B. A. Case. 1,986,622; Jan. 1.
- Regulation means for internal combustion engines with injection without air and variable speed. F. Sass. 1,996,710; Apr. 2.
- Regulation of the forward and backward movement of the fabric in looms, Automatic. J. P. Camps. 2,013,535; Sept. 3.
- Regulation, System and method of. A. M. Rossman. 2,008,562; July 16.
- Regulation system, Fluid pressure. A. E. Englebright and W. A. LaViolette. 2,021,053; Nov. 12.
- Regulator. See—
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| Air-draft regulator. | Fading regulator. |
| Air regulator. | Feed regulator. |
| Air temperature regulator. | Fluid flow regulator. |
| Alternating-current regulator. | Fluid pressure regulator. |
| Boiler pressure regulator. | Fuel regulator. |
| Carbon pile regulator. | Furnace regulator. |
| Clearance regulator. | Gas pressure regulator. |
| Current regulator. | Gas regulator. |
| Damper regulator. | Generator voltage regulator. |
| Draft regulator. | Heating device regulator. |
| Electric regulator. | Hot water temperature regulator. |
| Electrical regulator. | Humidity regulator. |
| Electronic current regulator. | Ink fountain regulator. |
| | Liquid level regulator. |

- Regulator. *See*—
 Oil temperature regulator.
 Output regulator.
 Oven heat cycle regulator.
 Oven regulator.
 Pressure reducing regulator.
 Pressure regulator.
 Self-acting regulator.
 Sluiceway regulator.
 Sound volume regulator.
 Speed regulator.
 Stock consistency regulator.
 Temperature regulator.
 Tension regulator.
 Thermostatic furnace regulator.
 Thermostatically controlled regulator.
 Vacuum regulator.
 Voltage and frequency regulator.
 Voltage regulator.
 Windmill regulator.
 Window regulator.
- Regulator. A. L. Berger. 2,024,202; Dec. 17.
 Regulator. H. J. Byrnes. 2,008,240; July 16.
 Regulator. B. Garlius. 2,018,018; Oct. 22.
 Regulator. W. A. Heaney. 2,018,555; Oct. 22.
 Regulator. S. D. Mitereff. 2,022,818; Dec. 3.
 Regulator. L. M. Persons. 1,994,728; Mar. 19.
 Regulator. J. J. Sloyan. 2,008,842; July 23.
 Regulator. A. H. Wiedhoff. 2,005,445; June 18.
 Regulator and indicator, Combined. A. J. Lefebvre. 2,008,618; July 16.
 Regulator and like apparatus for regulating liquid levels, Boiler feed water. S. R. Dight. 2,016,229; Oct. 1.
 Regulator and method, Automatic. S. D. Mitereff. 2,020,847; Nov. 12.
 Regulator device. W. F. Conran. 1,986,252; Jan. 1.
 Regulator control system. F. J. Champlin. 2,008,542; July 16.
 Regulator for brake rigging. W. H. Sauvage. 1,991,261-2; Feb. 12.
 Regulator for charging generators. F. P. Clesi, C. B. Cousley, and C. Meyers. 2,000,125; May 7.
 Regulator for electric circuits, Thermic. G. Boname and A. Munerelle. 2,020,295; Nov. 12.
 Regulator for heating apparatus, etc. G. F. Machlet. 2,009,697; July 30.
 Regulator for time-instruments. D. S. Ingraham. 1,995,511; Mar. 26.
 Regulator system. P. H. Craig. 1,992,146; Feb. 19.
 Regulator system. L. L. Fountain. 2,015,556; Sept. 24.
 Regulator valve. M. E. Henning. 2,011,220; Aug. 13.
 Regulator valve. R. J. McNulty. 1,937,746; Jan. 15.
 Regulator valve. C. B. McElwaine. 2,013,860; Sept. 10.
 Regulatory device. M. A. Logan. 2,014,533; Sept. 17.
 Relay. N. F. Agnew. 2,012,491; Aug. 27.
 Relay. G. C. Armstrong and D. Ellis. 2,018,340; Oct. 22.
 Relay. G. C. Pearce. 2,021,199; Nov. 19.
 Relay. W. Schaeiblin. 1,994,924; Mar. 19.
 Relay. P. E. Stogoff. 2,020,917; Nov. 12.
 Relay. C. J. Warnke. 1,997,477; Apr. 9.
 Relay apparatus. R. J. Wensley. 2,008,409; July 16.
 Relay apparatus, Mechanical. W. Melas. 2,010,554; Aug. 6.
 Relay, Direct current polar. J. F. Merkel. 2,013,990; Sept. 10.
 Relay, Electric. L. P. Kongsted. 1,989,057; Jan. 22.
 Relay for railway signal systems. P. Dinkel, Jr. 1,987,144; Jan. 8.
 Relay for synchronizing systems. C. F. Jenkins. 2,002,664; May 28.
 Relay, Overload. G. O. Wilms. 1,992,595; Feb. 26.
 Relay, particularly suitable for railroad safety equipment. Universal. R. Zawadzki. 1,987,654; Jan. 15.
 Relay, Repulsion. E. H. Ayers. 1,996,606; Apr. 2.
 Relay, Repulsion. L. W. Thompson. 1,996,599; Apr. 2.
 Relay switch. E. M. Ashworth, F. F. Ambuhl, and H. W. Smith. 1,987,887; Jan. 15.
 Relay system. A. H. Lamb. 2,014,387; Sept. 17.
 Relay, Tractive type. J. F. Merkel. 2,002,475; May 21.
 Relay, Tractive type. J. F. Merkel. 2,002,476; May 21.
 Relaying system. E. H. Klemmer. 2,005,144; June 18.
 Relaying system with directional indication storage. R. D. Evans and W. A. Lewis. 2,005,136; June 18.
 Releasable pivot joint. W. L. Mammen. 1,992,708; Feb. 26.
 Release device for fluids. D. Mapes. 2,000,708; May 7.
 Release for coin controlled switches. E. L. Lipp. 2,010,026; Aug. 6.
 Release insuring device. C. C. Farmer. 2,021,771; Nov. 19.
 Releasing and holding means for railway car hand brakes. R. W. Burnett. 1,992,412; Feb. 26.
 Releasing clamp. K. A. Hawley. 2,025,346; Dec. 25.
 Releasing device for fluid containers. S. E. Allen and O. N. Wiswell. 1,993,697; Mar. 5.
 Relief-action valve. J. C. Wynkoop. 1,995,491; Mar. 26.
 Relief by the aid of photography, Manufacturing a. I. Morioka. 2,015,457; Sept. 24.
 Relief valve. P. H. Gentzel. 2,021,773; Nov. 19.
 Relief valve. R. W. McLaughlin. 1,994,320; Mar. 12.
 Relief valve. T. W. Murphy. 1,995,480; Mar. 26.
 Relief valve. E. W. Work. 2,013,372; Sept. 3.
 Relief valve, Pilot controlled. H. E. Westerberg. 2,007,554; July 9.
 Reliefs, Producing realistic. E. L. Zeve. 2,026,202; Dec. 31.
 Relieving attachment. W. G. Hoelscher. 2,011,318; Aug. 13.
 Remote control and indicating arrangement. R. Köberich. 2,019,350; Oct. 29.
 Remote control apparatus. E. M. Allen. 2,010,802; Aug. 13.
 Remote control apparatus. E. Whitby, I. A. D. Pedler, E. J. Selston, A. J. Newman, and L. R. Lester. 2,014,011; Sept. 10.
 Remote control, Apparatus for. R. G. Thompson. 1,996,013; Mar. 26.
 Remote control apparatus for radio-receivers. L. W. Reinken. 2,025,218; Dec. 24.
 Remote control apparatus for radioreceivers. A. A. Thomas. 2,010,904; Aug. 13.
 Remote control combination lock. J. C. Allman. 1,988,408; Jan. 15.
 Remote control device. W. F. Cassidy, Jr. 1,989,739; Feb. 5.
 Remote control device. P. E. G. Jensen. 2,018,364; Oct. 22.
 Remote control device. E. F. Nickl. 1,989,767; Feb. 5.
 Remote control device. L. W. Reinken. 2,002,353; May 21.
 Remote control device. H. E. Reppert. 1,989,771; Feb. 5.
 Remote control for air horns. H. Hueber, and E. C. Horton. 2,012,518; Aug. 27.
 Remote control for toy electric vehicles. E. D. Boisselier. 2,013,947; Sept. 10.
 Remote control of liquid discharge, Device for automatic. W. J. Cooper. 2,026,271; Dec. 31.
 Remote control proportional movement motor. D. N. Crosthwait, Jr. 2,007,240; July 9.
 Remote control system. G. W. Baughman. 2,011,237; Aug. 13.
 Remote control system. H. H. Beverage. 2,014,518; Sept. 17.
 Remote control system. L. E. Mylting. 2,010,271; Aug. 6.
 Remote control system. O. Plechl. 1,989,496; Jan. 29.
 Remote control system. A. H. Reiber. 2,021,382; Nov. 19.
 Remote control system. E. Whitby, I. A. D. Pedler, E. J. Selston, and L. R. Lester. 1,988,257; Jan. 15.
 Remote control system for radioreceivers. A. A. Thomas. 2,021,705; Nov. 19.
 Remote controlled brake. C. C. Farmer and R. E. Miller. 2,004,655; June 11.
 Re-napping apparatus. A. Reineman. 2,008,260; July 16.
 Renewable filter. F. C. Frolander. 1,996,469; Apr. 2.
 Renumbering machine. W. W. Lasker. 1,994,655; Mar. 19.
 Repair device for pipe lines. G. H. Pfefferle. 2,009,744; July 30.
 Repair plug. E. W. Curtis. 2,021,176; Nov. 19.
 Repeater. A. D. Dowd. 2,019,597; Nov. 5.
 Repeater system, Unattended. E. I. Green and F. A. Leibe. 2,018,850-1; Oct. 29.
 Repeater system, Unattended. F. A. Leibe. 2,018,859; Oct. 29.
 Repeating mechanism for projecting machines. B. A. Proctor. 2,007,214; July 9.
 Replacement heater. L. W. Child. 2,008,945; July 23.
 Repository safeguard. C. F. Meilink. 1,986,840; Jan. 8.
 Reproducing, Head rest. A. K. Ward. 2,012,410; Aug. 27.
 Reproducing and recording device, Combined. R. Dally. 2,013,201; Sept. 3.
 Reproducing apparatus. G. Leofanti. 2,000,766; May 7.
 Reproducing machine. W. R. Cuthbert. 2,017,843; Oct. 22.
 Reproducing machine for film records. M. Nystrom. 2,008,033; July 16.
 Reproduction. J. Spielvogel. 1,992,017; Feb. 19.
 Retrolling speed control for musical instruments. E. Verlinden. 2,002,163; May 21.
 Reservoir. A. D. Pettet. 2,025,670; Dec. 24.
 Reservoir applicator. L. Folsom-Jones. 2,025,591; Dec. 24.
 Reservoir for oil filled cables, Feeding. L. Emanuelli. 2,006,236; June 25.
 Reservoir, Multichambered. R. S. Eggleston. 2,021,255; Nov. 19.
 Reservoir release valve. E. E. Hewitt. 2,012,717-8; Aug. 27.
 Resetting means for a totalizer. H. F. Sedgebury. 1,991,260; Feb. 12.
 Residence elevator. A. T. Brown. 2,004,060; June 4.
 Residues, sweepings, and the like containing precious metals, Process for parting. W. Truthe. 1,995,985; Apr. 9.
 Resilient connector. R. Mayne. 2,002,377; May 21.
 Resilient coupling. V. A. Kjaer. 2,002,115; May 21.
 Resilient coupling. W. C. McWhirter. 2,016,154; Oct. 1.
 Resilient device. O. W. Loudenslager. 1,994,722; Mar. 19.
 Resilient device. O. W. Loudenslager. 2,020,692; Nov. 12.
 Resilient fabric. W. M. Stevenson. 1,999,067; Apr. 23.
 Resilient frame seat. F. J. Trainor. 2,006,422; July 2.
 Resilient holding means. E. G. Bailey. 1,994,456; Mar. 19.
 Resilient joint. H. W. Alden and L. R. Euckendale. 1,990,016; Feb. 5.
 Resilient pad. A. H. Ackerman. 2,021,825; Nov. 19.
 Resilient pad. C. E. Galvin. 1,998,807; Apr. 23.
 Resilient support. H. L. Galsion. 2,024,728; Dec. 17.
 Resilient support. H. B. Lawton. 2,018,180; Oct. 22.
 Resilient wheel. T. H. Henkle. 2,008,981; July 23.
 Resilient wheel. H. M. Patch. 2,014,360; Sept. 10.
 Resilient wheel. A. F. W. Ruske. 1,989,838; Jan. 29.
 Resiliently mounted wheel. A. F. Hickman. 2,012,008; Aug. 20.
 Resin. A. Haroldson. 1,999,097; Apr. 23.

- Resin acid derivatives and preparing the same. O. Nico-demus and O. Wulff. 2,023,337; Dec. 3.
- Resin and coating or plastic composition containing the same. G. W. Seymour and B. B. White. 2,004,297; June 11.
- Resin and coating or plastic composition containing the same. G. W. Seymour. 2,017,993; Oct. 22.
- Resin and coating or plastic composition containing the same. G. W. Seymour. 2,022,389; Nov. 26.
- Resin and its manufacture, Oil-soluble synthetic. M. R. Bhagwat. 2,006,207; June 25.
- Resin and making it. A. M. Howald. 2,016,198; Oct. 1.
- Resin and making same, Artificial. A. Gams, G. Widmer, and K. Frey. 2,009,173; July 23.
- Resin and making same, Co-amide. C. Ellis. 2,022,233; Nov. 26.
- Resin and making same, Synthetic. L. C. Swallen and K. M. Irey. 1,993,700; Mar. 5.
- Resin and making the same, Synthetic. O. Süssenguth. 1,989,951; Feb. 5.
- Resin and preparing the same, Synthetic. R. H. Kienle. 2,025,539; Dec. 24.
- Resin and preparing the same, Synthetic. W. H. Moss. 2,015,083; Sept. 24.
- Resin and process, Heat convertible. A. Haroldson. 1,999,096; Apr. 23.
- Resin and producing it, Synthetic. J. M. Weiss. 1,999,380; Apr. 30.
- Resin and producing, Synthetic. I. W. Humphrey. 1,993,034; Mar. 5.
- Resin and producing, Synthetic. I. W. Humphrey. 1,993,036; Mar. 5.
- Resin and producing, Synthetic. E. G. Peterson. 1,993,029-30; Mar. 5.
- Resin and producing the same, Synthetic. E. G. Peterson. 1,993,032-3; Mar. 5.
- Resin and utilizing the same, Pretreated natural. I. Rosenblum. 2,007,983; July 16.
- Resin articles, Coloring synthetic. G. J. Esselen. 2,022,710; Dec. 8.
- Resin composition and making same, Synthetic. W. O. Herrmann, H. Deutsch, and W. Haehnel. 1,985,993; Jan. 1.
- Resin composition, Artificial. J. H. Schmidt. 2,016,180; Oct. 1.
- Resin compositions, Making reactive. H. F. Wakefield. 1,997,614; Apr. 16.
- Resin, Elasticized synthetic. H. P. Billings and D. A. Hurst. 1,999,717; Apr. 30.
- Resin from sulphite cellulose, Removing. G. Haglund. 2,000,562; May 7.
- Resin, Manufacture of. W. J. Mattox. 2,011,064; Aug. 13.
- Resin, Manufacturing an artificial. F. Groff. 2,008,417; July 16.
- Resin, Mixed ester. I. Rosenblum. 2,004,880; June 11.
- Resin, Oil soluble. V. H. Turkington. 2,006,189; June 25.
- Resin, Polymeric lactide. G. L. Dorrough. 1,995,970; Mar. 26.
- Resin, Prepared. C. A. Thomas. 2,023,495; Dec. 10.
- Resin product and process, Synthetic. J. D. Cochrane, Jr. 1,997,358; Apr. 9.
- Resin-rubber compositions, Manufacture of. J. P. Henharen. 2,021,063; Nov. 12.
- Resin product and process, Synthetic. W. Wollaston. 2,019,591; Nov. 5.
- Resin, Synthetic. M. M. Brubaker and G. D. Graves. 1,993,828; Mar. 12.
- Resin, Synthetic. R. D. Kleeman. 2,019,349; Oct. 29.
- Resin ware and product thereof, Decorating molded. R. H. Cunningham. 2,022,587; Nov. 26.
- Resinate production, Water soluble. E. H. French. 2,012,125; Aug. 20.
- Resinous and varnish composition and preparation thereof. R. E. Coleman. 2,001,525; May 14.
- Resinous articles, Method of and apparatus for molding synthetic. E. E. Novotny. 1,997,074; Apr. 9.
- Resinous complexes and compositions of synthetic origin containing sulphur and making same. C. Ellis. 2,011,573; Aug. 20.
- Resinous composition. T. S. Carswell. 2,006,345; July 2.
- Resinous composition. R. Hill. 2,003,291; June 4.
- Resinous composition. C. Sly. 2,009,029; July 23.
- Resinous composition. C. Sly. 2,022,011; Nov. 26.
- Resinous composition and casting it. R. H. Kienle and P. F. Schlingman. 2,025,538; Dec. 24.
- Resinous composition and making the same. E. A. Rodman. 2,025,612; Dec. 24.
- Resinous composition and making same, Polyvinyl. E. P. Irany. 2,016,202; Oct. 1.
- Resinous compositions. M. M. Brubaker and R. E. Thomas. 2,009,432; July 30.
- Resinous compositions and making the same. P. F. Schlingman and R. H. Kienle. 2,014,953; Sept. 17.
- Resinous compounds. R. Hill. 2,005,499; June 18.
- Resinous condensation product. C. Ellis. 2,009,987; July 30.
- Resinous materials and producing them. A. M. Howald. 2,019,453; Oct. 29.
- Resinous product and making same. J. V. Meigs. 2,001,430; May 14.
- Resinous products and compositions containing them, Phenolic. V. H. Turkington and W. H. Butler. 2,017,877; Oct. 22.
- Resinous products, Manufacture of synthetic. T. Sutter and W. Wieland. 2,013,589; Sept. 3.
- Resinous substance. C. Ellis. 2,009,986; July 30.
- Resins and making same, Soluble fusible. A. Gams and E. Frey. 1,999,093; Apr. 23.
- Resins and making same, Synthetic. A. Gams and K. Frey. 2,002,601; May 28.
- Resins and making the same, Stable vinyl. C. O. Young, and S. D. Douglas. 2,013,941; Sept. 10.
- Resins and product thereof, Producing synthetic. S. P. Burke and H. M. Enterline. 2,010,773; Aug. 6.
- Resins and the product obtained thereby, Fractionating vinyl. C. O. Young and S. D. Douglas. 1,990,685; Feb. 12.
- Resins by hydrogenation, Manufacture of. S. C. Fulton. 2,006,101; June 25.
- Resins, Edible synthetic ester. C. Ellis. 2,007,965; July 16.
- Resins, Polymerization of. G. K. Anderson. 1,990,215; Feb. 5.
- Resins, Preparation of synthetic. T. F. Bradley. 2,015,661; Oct. 1.
- Resins, Preparing. C. R. Wise and D. F. Edwards. 2,018,771; Oct. 29.
- Resins, Producing paracoumarone. K. H. Engel. 2,024,568; Dec. 17.
- Resins, Production of synthetic. A. Johnson and C. E. Howson. 1,994,714; Mar. 19.
- Resins, Synthetic. H. P. Billings and D. A. Hurst. 1,999,716; Apr. 30.
- Resins, Synthetic. H. B. Dykstra. 2,006,043; June 25.
- Resistance. M. W. Weiscopef. 1,993,494-6; Mar. 5.
- Resistance adapter. H. A. Whiteside. 2,015,209; Sept. 24.
- Resistance, Adjustable. E. R. Stoekle. 2,007,462; July 9.
- Resistance device and unit thereof. D. F. Hastings. 2,021,509; Nov. 19.
- Resistance element and making same. E. R. Stoekle. 2,005,922; June 25.
- Resistance element for variable electrical resistor. J. J. Mueher. 2,007,022; July 2.
- Resistance for electric heating devices. E. Challet. 1,992,143; Feb. 19.
- Resistance unit. F. H. Bullinger. 2,020,289; Nov. 12.
- Resistance unit. F. W. McDonell. 2,021,486; Nov. 19.
- Resistance unit. J. J. Mueher. 2,021,802; Nov. 19.
- Resistor. S. Bloomenthal. 2,010,133; Aug. 6.
- Resistor. J. B. Grenagle. 1,991,204; Feb. 12.
- Resistor. E. G. Lodge. 2,019,457; Oct. 29.
- Resistor. L. L. Stoffel. 2,020,810; Nov. 12.
- Resistor control mechanism. E. G. Lodge. 1,987,118; Jan. 8.
- Resistor grid for electric furnaces. F. T. Cope. 2,004,851; June 11.
- Resistor, Variable. V. G. Apple and C. F. Raven. 1,990,447; Feb. 5.
- Resistors, Forming. H. L. Sklar. 1,994,967; Mar. 19.
- Resists containing cellulose filling materials, Regenerating. J. van de Ven. 1,998,211; Apr. 16.
- Resorcinol and mixtures thereof with phenol, Production of. J. I. Carr and M. A. Dahlen. 1,999,955; Apr. 30.
- Respirator. H. S. Cover. 2,000,064; May 7.
- Respirator. C. W. Puntun and J. B. Dym. 2,019,928; Nov. 5.
- Respirator bag and assembly. H. F. Shindel. 2,009,073; July 23.
- Respiratory protective apparatus. F. C. Claudius. 1,999,086; Apr. 23.
- Rest. L. E. Brown. 2,016,482; Oct. 8.
- Rest promoting appliance. L. M. Hoey. 1,997,931; Apr. 16.
- Restaurant check holder. E. A. Haveles. 2,020,355; Nov. 12.
- Restraining attachment for beds, Child's. E. Luetkeke. 2,014,478; Sept. 17.
- Resurfacing device for surface grinding machines. T. H. Dardani. 1,994,386; Mar. 12.
- Resuscitation apparatus. E. L. Sanderson. 1,995,583; Mar. 26.
- Retainer. J. Reuter and J. Rothenbuecher. 1,999,575; Apr. 30.
- Retainer device. J. J. Sindler. 2,025,960; Dec. 31.
- Retainer plug. C. E. Siegmund. 2,008,932; July 23.
- Retaining device. C. H. Rollason. 2,023,937; Dec. 10.
- Retaining device. T. Serpico. 1,991,633; Feb. 19.
- Retaining means for fire walls of furnaces. A. C. Pacific. 1,998,733; Apr. 23.
- Retaining member for temporary binders. H. Forth. 1,997,635; Apr. 16.
- Retard switch. S. A. Hartzell. 1,995,541; Mar. 26.
- Retardation controlling device. J. W. Logan, Jr. 2,017,667; Oct. 15.
- Retardation device. G. Viard. 1,988,989; Jan. 22.
- Retarding device. S. B. Sanford. 1,995,721; Mar. 26.
- Retort. J. N. Vandegrift and C. Postel. 1,995,873; Mar. 26.
- Retort burner. T. W. Hunter. 2,008,179; July 16.
- Retort clean-out machine. H. R. MacMichael. 2,001,881; May 21.
- Retort for the distillation of solid carbonaceous substances. C. H. Parker. 1,989,459; Jan. 29.
- Retort ventilating hood. C. W. Hanson and J. Kowalski. 1,998,456; Apr. 23.
- Retractable coupling. L. W. G. Flynt. 2,006,828; July 2.
- Retractable landing gear. C. E. Hathorn. 2,025,743; Dec. 31.

- Retractable landing gear. H. D. Hoekstra. 2,003,885; June 4.
- Retractable landing gear. R. J. Minshall. 2,005,980; June 25.
- Retractable landing gear. S. T. Payne. 2,021,326; Nov. 19.
- Retractable landing gear. S. T. Payne and F. R. Weymouth. 2,014,777; Sept. 17.
- Retractable landing gear. E. C. Wells. 2,021,439; Nov. 19.
- Retractable landing gear. F. R. Weymouth and F. A. Wedberg. 2,014,793; Sept. 17.
- Retrieving mechanism. H. Bosch, Jr. 2,010,006; Aug. 6.
- Retrograde motion of an automobile, Preventing. R. Lapsley. 2,006,398; July 2.
- Return-ball equipment for billiard tables and the like. W. B. Sawyer. 1,992,507; Feb. 26.
- Return bend. A. T. Dudley. 1,994,987; Mar. 19.
- Return bend. A. T. Dudley. 2,023,805; Dec. 10.
- Return bend. J. E. Getzen. 2,024,572; Dec. 17.
- Return bend. J. H. Taylor and J. Markiewicz. 2,008,193; July 16.
- Return bends, Forming. R. K. Hopkins. 2,007,648; July 9.
- Reverse gear, Locomotive power. G. H. Zouck. 2,017,086; Oct. 15.
- Reversible sign. C. A. Feters. 1,996,541; Apr. 2.
- Reversing mechanism. H. A. Peck. 1,995,220; Mar. 19.
- Reversing mechanism, Automatic. H. E. McCreary. 2,003,719; June 4.
- Reversing mechanism, Automatic. A. J. Phillips. 1,991,954; Feb. 19.
- Reversing mechanism for dry gas meters. W. Holm. 2,006,101; June 25.
- Reversing mechanism for machine tools. W. F. Fraser. 2,012,273; Aug. 27.
- Reversing mechanism for poppet valve gear cam boxes. J. S. Keen. 2,018,790; Oct. 29.
- Reversing mechanism for steam engines. W. H. Tubbs. 2,021,469; Nov. 19.
- Revetment. J. R. Fordyce. 2,001,130; May 14.
- Revetment. H. O. Hoffard. 2,008,866; July 23.
- Revetment. L. R. Mason. 1,987,150; Jan. 8.
- Revetment structure. L. R. Mason. 1,993,217; Mar. 5.
- Revivifier. B. Manross. 2,000,972; May 16.
- Revolving chair. B. M. Bouman. 2,026,298; Dec. 31.
- Rewinding apparatus for sound films. H. Friess. 1,986,053; Jan. 1.
- Rheostat. C. E. Berger. 2,009,380; July 30.
- Rheostat. H. J. Bertram. 2,005,516; June 18.
- Rheostat. M. W. Kenney. 2,000,177-8; May 7.
- Rheostat. E. W. Kiefaber, J. Doerr, T. B. Whitson, and W. B. Creagmile. 2,000,849; May 7.
- Rheostat. F. W. McDonell and V. L. Osgood. 2,021,487; Nov. 19.
- Rheostat. N. C. Schellenger. 1,996,175; Apr. 2.
- Rheostat. P. Schmitt. 2,000,718; May 7.
- Rheostat, Carbon disk. G. O. Wilms. 1,988,641; Jan. 22.
- Rheostat control, Automatic. J. W. Hope. 2,025,987; Dec. 31.
- Rheostat for control of relatively low voltage circuits. A. W. Krieger. 1,997,258; Apr. 9.
- Rheostatic controller. G. O. Wilms. 2,006,974; July 2.
- Rhinestone embroidering machine. F. J. Meyers and A. A. La Russa. 1,994,250; Mar. 12.
- Rib construction. F. Flader. 2,014,801; Sept. 17.
- Rib knitting machine. N. M. Schlotterer. 1,993,248; Mar. 5.
- Ribbon-feeding mechanism for tag forming machines. C. G. Mortimer. 1,990,915; Feb. 12.
- Ribbon printing machine, Continuous. E. L. Mueller. 1,986,643; Jan. 1.
- Ribbon treating device. A. E. Dunn and G. J. Barrett. 1,988,305; Jan. 15.
- Ribbon with uninked end, Inked. P. Mannino. 2,020,152; Nov. 5.
- Ribbons, Manufacture of. R. Hofstadt. 2,000,388; May 7.
- Rice, rice offals or paddy, and the like, Treatment of. S. H. Gibbon. 2,021,721; Nov. 19.
- Ricinoleate medicament for internal use. T. H. Rider. 2,019,933; Nov. 5.
- Riddle. V. J. Davis. 1,987,001; Jan. 8.
- Ride control for motor driven vehicles, Automatic. T. Gibbons. 1,997,414; Apr. 9.
- Ride attachment. T. H. Bailey. 2,019,383; Oct. 29.
- Ride, Pneumatic. N. H. Price. 2,006,030; June 25.
- Riding machine. H. E. G. T. Gerlich. 2,003,185; May 28.
- Rig for rotary drills. W. J. Mitchell. 2,000,975; May 14.
- Rigging instrument. J. R. Carroll. 2,016,275; Oct. 8.
- Rim and rim operating device, Split. A. Moldenhauer. 2,009,810; July 30.
- Rim, Auto safety. A. Cunningham and F. Luley. 2,019,120; Oct. 29.
- Ring; See—
- Adjustable piston ring.
- Bull ring.
- Cinch rigging ring.
- Clothesline ring.
- Finger ring.
- Grading ring.
- Grip ring.
- Lubricated twister ring.
- Packing ring.
- Ring and constructing same. R. North. 2,009,783; July 30.
- Pie tin ring.
- Piston ring.
- Propeller clamping and balancing ring.
- Sealing ring.
- Spinning ring.
- Tube ring.
- Valve seat ring.
- Wedding ring.
- Ring, bracelet, and the like, Finger. J. Pejchar. 2,003,950; June 4.
- Ring expander. L. C. Rathbun. 2,022,737; Dec. 3.
- Ring filing structure. H. W. Zimmerman. 2,007,490; July 9.
- Ring for clay presses, Extension. J. H. Moren. 2,025,419; Dec. 24.
- Ring holder lock. W. L. McNamara. 2,006,056; June 25.
- Ring-ingot casting machine, Centrifugal. J. L. Adams, Jr. 2,023,040; Dec. 3.
- Ring traveler. E. R. Jerome. 2,016,925; Oct. 8.
- Ring traveler. P. C. Wentworth. 1,990,358; Feb. 5.
- Ringer apparatus. W. H. Edwards and J. R. Grant. 1,998,536-7; Apr. 23.
- Ring repeating. A. T. Jester. 2,004,759; June 11.
- Rings, Combined engagement and wedding. J. Granat. 2,016,492; Oct. 8.
- Rings, brooch pins, bracelets, and the like. A. B. Lesmeister. 2,003,376; June 4.
- Rings in turbine rotors, Assembling packing. F. Herrlinger. 2,001,492; May 14.
- Rings, Rolling. F. B. Bell. 1,991,486; Feb. 19.
- Rink, Skating. F. S. Strite. 2,010,831-2; Aug. 13.
- Rivet setting machine. E. B. Stimpson and J. Gualtiere. 1,997,438; Apr. 9.
- Riveting. A. L. Lambert and W. J. Meinel. 2,001,145; May 14.
- Riveting machine. G. H. Leland. 2,005,261; June 18.
- Riveting machine, Automatic hand. R. C. McKinnie. 1,998,328; Apr. 16.
- Riveting tool. E. H. Shaff. 2,011,877; Aug. 20.
- Rivets and the like, Method and apparatus for forming tubular. R. J. Freter. 2,017,795; Oct. 15.
- Rivets, Device for setting tubular. J. B. S. Antelme. 2,004,624; June 11.
- Rivets in structural members, Tightening loose. A. G. Leake. 2,004,665; June 11.
- Roach trap. J. A. Reynolds. 1,999,342; Apr. 30.
- Road building apparatus. J. N. Heltzel. 1,996,153; Apr. 2.
- Road building apparatus. M. Wildrick. 2,014,826; Sept. 17.
- Road construction. C. H. Dill. 1,987,392; Jan. 8.
- Road construction. H. A. Ingalls. 2,012,566; Aug. 27.
- Road construction. F. G. Small. 2,018,581; Oct. 22.
- Road covering surface and the like. B. W. D. Lacey and P. J. Bawcutt. 2,023,688; Dec. 10.
- Road finishing apparatus. L. Gardiner. 1,987,398; Jan. 8.
- Road finishing machine. H. H. Barber. 2,012,784; Aug. 27.
- Road finishing machine. L. R. Colbert. 1,990,931; Feb. 12.
- Road finishing machine. W. F. Eckert. 1,987,928; Jan. 15.
- Road finishing machine. C. A. Gustafson. 2,008,908; July 23.
- Road grading machine. K. W. Porter. 1,993,282; Mar. 5.
- Road grading machine. K. W. Porter. 2,005,683; June 18.
- Road grading machine. R. C. Sherman. 2,020,583; Nov. 12.
- Road guard. E. V. Camp. 1,988,996; Jan. 22.
- Road guide. H. O. Pettit. 1,997,342; Apr. 9.
- Road joint and producing the same. J. N. Heltzel. 1,998,015; Apr. 16.
- Road joint machine. J. N. Heltzel. 2,025,449; Dec. 24.
- Road joints, Installing. J. N. Heltzel. 2,014,894; Sept. 17.
- Road loader and mixing machine. H. H. Barber. 1,997,037; Apr. 9.
- Road machine. O. F. Church. 2,002,431; May 21.
- Road machine. R. Gedstad. 2,000,072; May 7.
- Road machine. E. C. Gledhill and C. Britton. 2,021,660; Nov. 19.
- Road machine. C. A. Gustafson. 1,989,274; Jan. 29.
- Road machine. C. A. Gustafson. 1,989,315; Jan. 29.
- Road machine. C. A. Gustafson. 1,994,817; Mar. 19.
- Road machine. C. A. Gustafson. 1,999,189; Apr. 30.
- Road machine. C. O. Wold. 1,988,173; Jan. 1.
- Road machine. C. O. Wold. 1,999,226; Apr. 30.
- Road machine. C. O. Wold. 2,015,880; Oct. 1.
- Road making and maintenance appliance. F. A. Pease. 1,995,267; Mar. 19.
- Road making machine. J. N. Heltzell. 2,023,472; Dec. 10.
- Road marking machines, Attachment for. E. H. Hollingshead. 1,990,545; Feb. 12.
- Road material. Device for spreading. J. E. Chadwick. 2,003,628; June 4.
- Road material machine. N. De Wind and A. F. Hayler. 1,986,327; Jan. 1.
- Road material mixing machine. C. W. Wood. 1,997,959; Apr. 16.
- Road roller. C. F. Greiner and A. W. Aitken. 2,015,891; Oct. 1.
- Road shouldering machine. J. B. Green and J. E. Huber. 1,993,003; Mar. 5.
- Road spreader. C. G. Abernathy. 1,994,082; Mar. 12.
- Road spreader. C. H. Naber. 2,006,473; July 2.
- Road structures, Resurfacing and widening. W. H. Moseley. 2,000,978; May 14.
- Road surfacing composition and making same. S. E. Finley. 1,991,319; Feb. 12.
- Road surfacing machine. F. E. Hill. 2,024,764; Dec. 17.

- Road surfacing machine. K. E. Kramer. 2,009,500; July 30.
- Road surfacing machine. H. L. Myers. 2,014,186; Sept. 10.
- Road surfacing material. J. E. Moody. 2,017,632; Oct. 15.
- Road top mixer. F. S. and F. H. Beach. 2,021,249; Nov. 19.
- Road treating and surfacing apparatus. H. A. Ingalls. 2,022,287; Nov. 26.
- Road working apparatus. C. A. Gustafson. 1,986,147; Jan. 1.
- Road working machine. R. J. Winsor. 2,020,271; Nov. 5.
- Roadbed, Imitation. E. J. Martin. 2,021,514; Nov. 19.
- Roads, Apparatus for building. L. Gardiner. 1,993,657; Mar. 5.
- Roads, Apparatus for building. O. G. Mandt. 2,006,316; June 25.
- Roads, Marking. H. A. Emmons. 2,007,524; July 9.
- Roads, Method and apparatus for building. L. Gardiner. 1,993,656; Mar. 5.
- Roads, Method and apparatus for resurfacing. W. P. Day. 2,009,542; July 30.
- Roads or streets, Paving of. G. Courtois. 2,025,496; Dec. 24.
- Roads or ways, Apparatus for marking. G. F. Tilke. 1,988,024; Jan. 15.
- Roads studs, Making metal. G. Benedetto. 1,999,077; Apr. 22.
- Roads, yards, aerodromes and the like surfaces, Manufacture of. J. C. Telford and J. Hines. 1,988,613; Jan. 22.
- Roadway. A. Schmid. 2,020,083; Nov. 5.
- Roadways, Construction of. W. Horridge. 2,025,815; Dec. 31.
- Roaster. C. H. Carpenter. 2,010,915; Aug. 13.
- Roaster. A. G. Marcotte. 1,994,894; Mar. 19.
- Roaster. H. S. Smith and T. J. Wilson. 2,012,733; Aug. 27.
- Roaster and cooler, Automatic. W. G. Burns and R. A. Greene. 2,010,582; Aug. 6.
- Roaster, Electric. A. Predit. 2,024,062; Dec. 10.
- Roasting apparatus. J. Duffy. 2,012,811; Aug. 27.
- Roasting furnace. F. Johannsen. 2,007,121; July 2.
- Roasting method. L. H. Backer, J. H. Keenan, and J. L. Kopf. 1,991,190; Feb. 12.
- Robberproof fixture, lock, and alarm for banks and the like. H. H. Reger. 1,992,096; Feb. 19.
- Robe for patients, Operating. R. A. Gerber. 1,998,051; Apr. 16.
- Rock disk bit, Rotary. J. W. Sperry. 2,003,793; June 4.
- Rock drill. J. C. Curtis. 1,993,501; Mar. 5.
- Rock drill. J. C. Curtis. 2,001,127; May 14.
- Rock drill. E. G. Gartin. 2,001,716; May 21.
- Rock drill. M. C. Huffman. 2,015,678; Oct. 1.
- Rock drill. F. M. Slater. 2,019,163; Oct. 29.
- Rock drill. W. A. Smith. 2,006,845; July 2.
- Rock drill. T. Suzuki. 1,995,230; Mar. 19.
- Rock drilling core bit. A. E. Carlson. 1,996,322; Apr. 2.
- Rock drilling motor. E. G. Gartin. 2,001,718; May 21.
- Rock drilling motor. M. C. Huffman. 2,001,728; May 21.
- Rock handling device. O. R. Odman. 1,988,135; Jan. 15.
- Rock in bore holes, Apparatus for sampling the. C. Schlumberger. 2,015,873; Oct. 1.
- Rock, Method of and apparatus for crushing. D. A. Silver. 2,018,232; Oct. 22.
- Rock tunneling, Apparatus for. L. F. Parker. 1,992,129; Feb. 19.
- Rockner. L. A. Haug. 2,008,611; July 16.
- Rockner arm for overhead valve gas engines. W. M. Swartzell. 2,024,401; Dec. 17.
- Rockner blade bit. C. E. Bannister. 2,002,388; May 21.
- Rocking chair. Y. D. and A. I. Lampila. 1,987,014; Jan. 8.
- Rocking chair, Foldable. L. Lehner. 2,017,599; Oct. 15.
- Rocket projectile. L. A. Skinner. 1,994,490; Mar. 19.
- Rod: See—
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| Cathode rod. | Ground rod. |
| Coated welding rod. | Hair waver rod. |
| Connecting rod. | Leveling rod. |
| Curtain and drapery rod. | Permanent wave rod. |
| Curtain rod. | Piston rod. |
| Fishing rod. | Pluro metallic rod. |
| Gearing connecting rod. | Welding rod. |
- Rod aligner, Connecting. W. A. Jennings. 2,014,969; Sept. 17.
- Rod and piston testing and aligning device, Connecting. E. A. Arp. 2,025,008; Dec. 17.
- Rod baking. J. R. Morrison. 1,999,513; Apr. 30.
- Rod clamp. S. Bullum. 2,025,332; Dec. 24.
- Rod connection for radial cylinder engines, Pitman. L. Chevrolet. 1,991,657; Feb. 19.
- Rod coupling. S. F. Williams. 1,990,721; Feb. 12.
- Rod coupling and guide, Combined sucker. J. J. Fitzpatrick. 1,995,095; Mar. 19.
- Rod cutting tool. B. Hillberg. 2,025,105; Dec. 24.
- Rod for hard facing, Composite welding. W. A. Wissler and W. B. Miller. 2,024,992; Dec. 17.
- Rod for ladies, Stopper. H. R. Belding. 2,005,311; June 18.
- Rod for motor vehicles, Radius. C. Farris. 1,989,746; Feb. 5.
- Rod guide, rod check and paraffin swab, Combined. G. E. Slaughterhop. 2,001,270; May 14.
- Rod holder. D. M. Bardon. 1,992,165; Feb. 26.
- Rod inserting machine. G. H. Leland. 1,993,483; Mar. 5.
- Rod line coupling. J. L. Shea. 2,009,718; July 30.
- Rod line guide, Self lubricating. W. W. Moore. 2,017,322; Oct. 15.
- Rod mill. W. R. Carroll. 2,023,913; Dec. 10.
- Rod or wire, Manufacture of welding. O. L. Howland. 2,015,074; Sept. 24.
- Rod pocket for curtains, Embroidered reenforced. S. Brand. 2,007,790; July 9.
- Rod weeder. M. H. Tuft. 1,995,160; Mar. 19.
- Rodless pump. G. S. Knox. 2,005,995; June 25.
- Rods and the like, Apparatus for producing copper and other metal. F. J. Kohlhaas. 2,019,496; Nov. 5.
- Rods or bars, Coiling. W. W. Hill. 2,005,369; June 18.
- Rods, tubes, and similar articles, Apparatus for feeding fragile. J. F. Donovan and G. Illingworth. 2,005,496; June 18.
- Rodent trap. C. G. Mahoney. 2,022,625; Nov. 26.
- Rodent trap. E. F. Schroeder. 2,002,129; May 21.
- Rodents, Device for poisoning. J. A. Bailey. 1,990,262; Feb. 5.
- Roentgen meter. C. C. Lauritsen. 2,022,117; Nov. 26.
- Roll. W. E. Brindley. 2,005,885; June 25.
- Roll and making the same. G. H. Aupperl. 2,005,358; June 18.
- Roll and manufacturing rolls. F. C. Biggert, Jr., and H. Mueller. 2,018,247; Oct. 22.
- Roll assembly for sizing boxes, Immersion. J. H. Franks. 1,997,926; Apr. 16.
- Roll, Bowed expander. F. T. Walsh. 1,997,442; Apr. 9.
- Roll, Cane mill. J. A. H. Wodehouse. 1,996,394; Apr. 2.
- Roll changer. B. C. White. 2,006,754; July 2.
- Roll coating, Apparatus for. C. A. Dickhaut. 1,987,183; Jan. 8.
- Roll coating machine. W. J. Montgomery. 2,015,531; Sept. 24.
- Roll construction. J. L. Drake. 2,015,747; Oct. 1.
- Roll contours, Apparatus for controlling. E. M. Chandler. 1,988,033; Jan. 15.
- Roll controlling mechanism, Web. A. J. Horton. 2,002,011; May 21.
- Roll, Drawing and spinning. W. F. Ray. 2,023,438; Dec. 10.
- Roll duplicator, Sectional. J. K. Duncan, D. H. Whitehead, and J. M. Cheney. 2,026,025; Dec. 31.
- Roll film container. G. Goodhand. 2,019,672; Nov. 5.
- Roll fixture, Delivery. S. N. Hope. 1,999,759; Apr. 30.
- Roll, Fluted delivery. J. T. Ahearn. 1,989,439; Jan. 29.
- Roll for paper machines. W. C. Smith. 1,990,102; Feb. 5.
- Roll for paper making machines, Wire faced. E. I. Flateboe. 2,025,445; Dec. 24.
- Roll forming machine. N. C. Rubin. 2,020,042; Nov. 5.
- Roll grinding machine. A. P. Steiner and H. E. Balsiger. 2,007,351; July 9.
- Roll handling mechanism. H. A. W. Wood. 2,000,809; May 7.
- Roll labeling machine. P. D. Parsons. 2,005,846; June 25.
- Roll making machine, Combination. F. O. Johnson. 2,012,682; Aug. 27.
- Roll mill. K. G. Hellner and A. G. Johansson. 2,025,348; Dec. 24.
- Roll paper cutter. W. J. Anderson. 2,000,432; May 7.
- Roll, Pin feed platen. J. Q. Sherman, and A. W. Metzner. 2,012,289; Aug. 27.
- Roll polishing apparatus. W. W. Leach. 2,018,728-9; Oct. 29.
- Roll protection. V. F. Blake. 1,989,183; Jan. 29.
- Roll protector. V. Blake. 1,989,182; Jan. 29.
- Roll roofing fastener. C. J. Dexter. 1,990,776; Feb. 12.
- Roller: See—
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| Casing roller. | Curtain roller. |
| Cigarette roller. | Road roller. |
| Conveyer roller. | Shade roller. |
- Roller. J. McLelland. 1,995,315; Mar. 26.
- Roller and curtain rod support, Combined shade. P. E. Sprinkel. 2,005,012; June 18.
- Roller and cylinder, Printing machine. A. J. Horton. 2,025,746; Dec. 31.
- Roller bearing. H. D. Allee. 2,007,152; July 9.
- Roller bearing. T. V. Buckwalter. 1,995,838; Mar. 26.
- Roller bearing. H. Buel. 2,024,206; Dec. 17.
- Roller bearing. K. L. Herrmann. 2,007,194; July 9.
- Roller bearing. M. T. Lothrop. 2,015,230; Sept. 24.
- Roller bearing. E. F. Miltenberger. 2,022,252; Nov. 26.
- Roller bearing. A. H. Oelkers. 2,023,092; Dec. 3.
- Roller bearing. N. A. Palmgren. 2,008,336; July 16.
- Roller bearing. F. W. Peters. 2,011,184; Aug. 13.
- Roller bearing. R. M. Riblet. 2,010,108; Aug. 6.
- Roller bearing. N. P. Sjobring. 2,011,878; Aug. 20.
- Roller bearing. F. Tyson. 2,013,814; Sept. 10.
- Roller bearing. M. S. Tyson. 2,016,526; Oct. 8.
- Roller bearing. A. Witte. 2,008,378; July 16.
- Roller bit. G. E. Behnke. 1,989,260-1; Jan. 29.
- Roller bit. G. G. Harrington. 2,000,076; Apr. 23.
- Roller bit. T. H. Stancliff. 1,998,793; Apr. 23.
- Roller carrier dashpot for friction transmission. J. O. Almen. 2,014,922; Sept. 17.
- Roller conveyer. E. F. Miltenberger. 1,993,519; Mar. 5.
- Roller conveyer, Live. M. J. Anderson. 2,016,700; Oct. 8.
- Roller core breaker for bits. O. Hammer. 2,024,730; Dec. 17.

- Roller cutter and spindle assembly for earth boring drills. C. E. Reed. 2,004,012; June 4.
- Roller cutter assembly for earth boring drills. C. E. Reed. 1,997,345; Apr. 9.
- Roller cutter organization for earth boring drills. C. E. Reed. 2,009,300; July 23.
- Roller drilling bit. R. O. Pickin. 2,013,839; Sept. 10.
- Roller for conveyer furnaces. J. Fallon. 2,021,913; Nov. 26.
- Roller for oil mix roads. J. R. Ritchie. 2,024,184; Dec. 17.
- Roller for printing machine folders, Folding. J. R. Tomlin and H. V. Ball. 2,024,258; Dec. 17.
- Roller for printing machines, Inking. L. H. Morse, 2,006,364; July 2.
- Roller for shades, awnings, curtains or the like. J. B. Drumm. 2,012,261; Aug. 27.
- Roller for textile machines, Feed or drawing. J. Fossel. 1,994,174; Mar. 12.
- Roller for textile machines, Feed or drawing. J. Fossel. 1,994,176; Mar. 12.
- Roller laps in twisting machines, Device to prevent. J. C. Greene. 1,988,313; Jan. 15.
- Roller mechanism for full fashioned knitting machines, Automatic draw-off. K. R. Lieberknecht. 1,998,511; Apr. 23.
- Roller planet gear. R. Zastoupil. 1,986,177; Jan. 1.
- Roller screen. A. Lang. 1,990,830; Feb. 12.
- Roller shade attachment. H. Gruenberger. 2,023,320; Dec. 3.
- Rollers, Finishing rubber. E. J. Bussing. 2,016,590; Oct. 8.
- Rollers, Manufacture of printing. C. Neubert. 2,004,508; June 11.
- Rollers, Reclaiming printing press. L. Yeager. 2,022,170; Nov. 26.
- Rolling device. A. Olevin. 2,007,768; July 9.
- Rolling mill. S. Badlam. 1,988,679; Jan. 22.
- Rolling mill. J. R. Coe. 1,993,919; Mar. 12.
- Rolling mill. G. L. Fisk. 2,002,531; May 28.
- Rolling mill. E. W. Mikaelson and A. K. Hamilton. 2,011,686; Aug. 20.
- Rolling mill. E. W. Mikaelson and A. K. Hamilton. 2,016,016; Oct. 1.
- Rolling mill. G. H. Rose. 2,005,168; June 18.
- Rolling mill. C. Schmidt. 1,986,485; Jan. 1.
- Rolling mill. H. L. Schreck. 1,990,051; Feb. 5.
- Rolling mill. B. R. Shover. 2,007,815; July 9.
- Rolling mill. H. H. Wood. 2,010,211; Aug. 6.
- Rolls as used in pilger rolling mills, Apparatus for the manufacture of the grooved. G. Davidson. 2,024,433; Dec. 17.
- Rolls, Forming. J. H. L. De Bats. 1,989,186; Jan. 29.
- Rolls, Producing rubber covered suction. H. G. Welsford. 1,988,640; Jan. 22.
- Röntgen projections, Method of and apparatus for making. E. Pohl. 2,000,497; May 7.
- Röntgen-ray apparatus. A. Schnitzer. 2,019,362; Oct. 29.
- Roof and elements for the construction thereof. W. L. Rowe. 2,015,020; Sept. 17.
- Roof, Built-up. H. C. Macan. 2,007,403; July 9.
- Roof, Car. E. G. Franck and S. J. Stone. 2,006,760; July 2.
- Roof, Car. L. D. Gregg. 2,011,628; Aug. 20.
- Roof, Car. W. D. Thompson. 2,009,034; July 23.
- Roof construction. H. Callaway. 1,999,802; Apr. 30.
- Roof construction. P. Chapman. 2,005,533; June 18.
- Roof construction. J. W. Fall. 2,004,198; June 11.
- Roof construction. O. F. Graebner. 2,013,462; Sept. 3.
- Roof construction. F. L. Nemeck. 1,990,838; Feb. 12.
- Roof construction, Automobile. H. O. Metz. 2,013,314; Sept. 3.
- Roof covering and forming same. N. P. Harshberger. 1,994,643; Mar. 19.
- Roof covering, Composition. S. Olsen. 2,009,811-12; July 30.
- Roof deck, Acoustical. W. Kuehne. 2,007,374; July 9.
- Roof demonstrator. A. W. Holt. 2,005,034; June 18.
- Roof, Floating. C. L. Day. 2,008,686; July 23.
- Roof for liquid storage tanks, Floating. J. H. Wiggins. 1,990,627; Feb. 12.
- Roof for open top freight cars, Temporary car. A. R. Wilson. 2,009,038; July 23.
- Roof for storage tanks, Floating. A. J. Matter. 1,989,624; Jan. 29.
- Roof for tanks, Floating. S. G. Cantacuzene. 2,023,308; Dec. 3.
- Roof for vehicle bodies, Sliding. J. King. 2,007,865; July 9.
- Roof, Gondola car. G. G. Gilpin. 2,003,113; May 28.
- Roof gutter bracket. J. Sansonetti. 2,004,448; June 11.
- Roof of buildings. F. Basten and E. Hurden. 2,019,647; Nov. 5.
- Roof pitch indicator. F. M. Packard. 2,023,539; Dec. 10.
- Roof, Puttyless glass. M. Faistenhammer. 2,022,541; Nov. 26.
- Roof, Shingle. E. Bussey. 2,008,575; July 16.
- Roof sump or floor drain. E. W. N. Boosey. 1,999,277; Apr. 30.
- Roof, Tank. B. Lentschewsky. 2,006,505; July 2.
- Roof, Tank. E. W. Welp. 1,986,860; Jan. 8.
- Roofing. L. M. Abraham. 2,013,330; Sept. 3.
- Roofing. S. W. Chaffee. 1,993,086; Mar. 5.
- Roofing. A. C. Fischer. 1,986,471; Jan. 1.
- Roofing. H. L. Guy. 2,007,855; July 9.
- Roofing. G. S. Logan. 2,013,002; Sept. 3.
- Roofing and method of producing. H. P. Hayden. 2,016,429; Oct. 8.
- Roofing and preparing same, Non-blistering. C. J. Merriam. 2,022,429; Nov. 26.
- Roofing and siding element. N. P. Harshberger. 2,006,270; June 25.
- Roofing and similar construction, Sheet metal. H. J. Little. 2,004,052; June 4.
- Roofing, Apparatus for making. A. G. Leonard, Jr. 1,995,032; Mar. 19.
- Roofing, Apparatus for producing mix-tone. W. Freegard. 1,998,079; Apr. 16.
- Roofing, Colored prepared. P. S. Denning. 1,994,066; Mar. 12.
- Roofing device. E. Gach. 2,008,952; July 23.
- Roofing element. L. Kirschbraun and O. A. Heppes. 1,989,554; Jan. 29.
- Roofing fastener, Roll. H. Maze. 2,001,932; May 21.
- Roofing granules, Artificially coloring. S. G. Wright. 2,004,682; June 11.
- Roofing granules, Preparing. S. G. Wright. 2,010,620; Aug. 6.
- Roofing machine. A. S. Peterson. 2,010,887; Aug. 13.
- Roofing material. H. von Forster and S. de Lange. 2,003,728; June 4.
- Roofing, Metallic sheet. O. G. Burriss. 2,005,218-20; June 18.
- Roofing, Method and apparatus for producing mix-tone. W. Freegard. 1,998,078; Apr. 16.
- Roofing or siding material, Manufacture of. J. C. Sherman. 1,995,904; Mar. 26.
- Roofing or surfacing material. S. L. Eason. 2,003,503; June 4.
- Roofing product. T. Robinson. 2,003,699; June 4.
- Roofing sheets, Laying. A. Winding. 1,994,262; Mar. 12.
- Roofing tile fastener. T. R. Kobe. 2,002,206; May 21.
- Roofs for buildings and the like, Erecting. H. G. Onstad. 1,994,087; Mar. 12.
- Room, Fruit coloring. H. B. Hatch. 2,000,637; May 7.
- Room system with mechanical conveyers, Co-extensive. C. R. Hughes. 1,999,931; Apr. 30.
- Rooms, Apparatus for heating. W. L. Mack. 2,008,963; July 23.
- Rooms, Apparatus for heating. J. Wallace. 2,007,102; July 2.
- Rooms with water vapor, Device for feeding heated. M. Cohendy. 1,996,952; Apr. 9.
- Roost, Poultry. J. M. Martin and R. W. Dawson. 2,011,866; Aug. 20.
- Roost, Poultry. H. M. Purnell. 2,021,746; Nov. 19.
- Root watering tool. L. E. Axtell. 2,018,003; Oct. 22.
- Rope. C. MacKinnon and E. W. Brewster. 2,022,683; Dec. 3.
- Rope. S. A. Reed. 2,022,690; Dec. 3.
- Rope. A. Robertson. 2,018,230; Oct. 22.
- Rope die. S. C. Myers, Jr. 1,993,110; Mar. 5.
- Rope infection, Determination of. H. H. Bunzell. 2,019,950; Nov. 5.
- Rope gearing. O. Ohnesorge. 2,005,438; June 18.
- Rope making machine and method, Wire. C. C. Sunderland. 2,012,026; Aug. 20.
- Rope making machine, Wire. A. J. Morgan. 1,990,082; Feb. 5.
- Rope, Making wire. R. D. Green and W. E. Craig. 1,990,071; Feb. 5.
- Rope, Method of and machine for altering a steel. H. A. Wood. 2,019,519; Nov. 5.
- Rope sheave. H. B. Greening. 2,017,149; Oct. 15.
- Rope twisting machine. R. Koshoshek. 2,009,850; July 30.
- Rope, Wire. W. D. Hodson. 2,000,952; May 14.
- Ropes and the like, Manufacture of. H. D. L. Lloyd. 1,992,707; Feb. 26.
- Ropes from noncircular wires, Method of and apparatus for manufacturing. A. Rohs. 1,996,689; Apr. 2.
- Rosette-like articles, Device for forming. H. Cottrell. 2,011,617; Aug. 20.
- Rosin and its derivatives, Sulphonation of. H. J. Welland and M. A. Prah. 2,015,023; Sept. 17.
- Rosin and rosin product, Treating. J. N. Borglin and L. N. Bent. 1,995,600; Mar. 26.
- Rosin, Improving. A. A. Morton. 2,017,866; Oct. 22.
- Rosin, Refining. J. N. Borglin. 1,990,367; Feb. 5.
- Rosin, Refining. J. N. Borglin. 2,018,634; Oct. 22.
- Rosin size and manufacturing the same. G. J. Manson. 1,990,457; Feb. 5.
- Rosin, Treatment of. F. W. Kressman. 1,992,754; Feb. 26.
- Rotary abrading tool. H. F. Skillings. 1,996,980; Apr. 9.
- Rotary and semirotary furnace. W. F. Wiltshire. 1,998,349; Apr. 16.
- Rotary blower casing. J. Avery. 2,018,827; Oct. 29.
- Rotary breaker. F. W. Parker. 1,996,485; Apr. 2.
- Rotary broaching machine. F. J. Lapointe. 1,998,162; Apr. 16.
- Rotary centrifugally operated device. F. F. Kolarik. 1,989,552; Jan. 29.
- Rotary compressor. P. E. Good. 1,989,552; Jan. 29.
- Rotary cross cut tool. R. S. Brown. 1,990,724; Feb. 12.
- Rotary cutter. E. A. Bessom. 2,018,774; Oct. 29.
- Rotary cutter. B. H. Flynn. 2,014,321; Sept. 10.
- Rotary cutter. F. P. Miller. 2,021,668; Nov. 19.
- Rotary cutter. J. M. Redinger. 2,025,308; Dec. 24.
- Rotary disk bit. J. W. Sperry. 2,003,791; June 4.

- Rotary display apparatus. A. L. and C. L. Harris. 2,005,293; June 18.
- Rotary drier. M. Madsen. 1,987,242; Jan. 8.
- Rotary drill. C. E. Casperson. 2,005,128; June 25.
- Rotary drum brake. J. D. Campbell. 2,009,574; July 30.
- Rotary drum drier. R. O. Wood. 1,989,255; Jan. 29.
- Rotary engine. J. Archbold and C. Parker. 2,010,797; Aug. 6.
- Rotary engine. C. M. Finley. 2,015,027; Sept. 17.
- Rotary engine. C. W. Loveridge and L. J. Lambe. 1,994,397; Mar. 12.
- Rotary engine. H. Ruehman. 1,997,184; Apr. 9.
- Rotary engine. M. H. P. Sologaitoa. 2,018,100; Oct. 22.
- Rotary engine, Internal combustion. J. G. Jackson. 2,013,916; Sept. 10.
- Rotary engine, Internal combustion. H. L. Weed. 2,020,089; Nov. 5.
- Rotary fuel burner. M. J. Binkley. 2,013,642; Sept. 10.
- Rotary furnace. G. Brunkow. 2,013,486; Sept. 3.
- Rotary furnace. A. G. McGregor. 2,004,334; June 11.
- Rotary hammer tool. L. Rasch. 2,019,931; Nov. 5.
- Rotary hearth furnace. F. E. von Schlippenbach. 2,018,644; Oct. 22.
- Rotary machine. D. S. Faulkner, A. E. Rice, and L. E. Zerbe. 2,005,137; June 18.
- Rotary machine. R. T. Knapp. 2,020,611; Nov. 12.
- Rotary machine. E. Scibold and G. Hopfensberger. 2,025,959; Dec. 31.
- Rotary machine. D. M. Smith. 2,025,250; Dec. 24.
- Rotary machine. J. D. Spalding. 2,008,774; July 23.
- Rotary machine. J. D. Spalding. 2,019,739; Nov. 5.
- Rotary machine. L. E. Zerbe. 2,005,123; June 18.
- Rotary machine, Four-cylinder offset. F. Wolff. 2,014,218; Sept. 10.
- Rotary machine having improved oil circulation means. D. M. Smith. 2,017,260; Oct. 15.
- Rotary machine or engine. O. Sorge. 2,015,501; Sept. 24.
- Rotary machine or power engine. G. Stauber. 1,989,564; Jan. 29.
- Rotary machine torque indicator and shock absorber. L. E. Zerbe and A. E. Rice. 2,019,755; Nov. 5.
- Rotary mechanism, Adjustable. E. J. Svenson. 1,989,118; Jan. 29.
- Rotary motor. G. H. Smith. 1,995,755; Mar. 26.
- Rotary motor. G. E. Watts. 1,987,882; Jan. 15.
- Rotary motor, Internal combustion. H. D. Rice, Jr., and J. M. Babb. 1,997,119; Apr. 9.
- Rotary, Oil inclosed. D. M. Smith. 2,020,004; Nov. 5.
- Rotary power engine. E. Silbermann. 1,998,255; Apr. 16.
- Rotary pump. A. G. Bergstrom. 2,025,084; Dec. 24.
- Rotary pump. J. Hazlinger. 2,010,761; Aug. 6.
- Rotary pump. J. F. Jaworowski. 1,989,864; Feb. 5.
- Rotary pump. J. Mann. 2,011,936; Aug. 20.
- Rotary pump. B. Mitchell. 2,004,958; June 18.
- Rotary pump. A. A. Moran. 2,002,862; May 28.
- Rotary pump. F. Nebel. 2,023,608; Dec. 10.
- Rotary pump. E. O. Rodaway. 1,997,233; Apr. 9.
- Rotary pump. C. Smith, A. E. Prohaska, and A. L. Wilson. 2,003,615; June 4.
- Rotary pump. W. L. J. Spoor. 2,015,200; Sept. 24.
- Rotary pump. H. L. Swan. 1,997,350; Apr. 9.
- Rotary pump. C. F. Waite. 2,018,692; Oct. 29.
- Rotary pump. F. Wheatley, Sr. 2,014,601; Sept. 17.
- Rotary pump, Constant speed variable delivery. G. H. Smith. 1,995,756; Mar. 26.
- Rotary pump, Self-priming. C. I. Longenecker. 1,989,061; Jan. 22.
- Rotary pump, Self-priming. C. I. Longenecker. 2,022,624; Nov. 26.
- Rotary rock bit. J. W. Sperry. 1,990,007; Feb. 5.
- Rotary sewing hook. P. H. Dixon. 2,016,364; Oct. 8.
- Rotary steam engine. C. L. Caylor. 2,021,289; Nov. 19.
- Rotary switch. E. A. Boyson. 2,024,505; Dec. 17.
- Rotary toothed cutter. L. J. Bazzoni. 1,995,290; Mar. 26.
- Rotary turbine motor. C. G. Wahlstrom. 2,019,879; Nov. 5.
- Rotary valve. G. H. Kemp. 2,007,125; July 2.
- Rotary valve. H. E. McCrery. 1,995,394; Mar. 26.
- Rotary valve. J. B. White. 1,990,444; Feb. 5.
- Rotary valve engine. C. W. Hall. 1,987,105; Jan. 8.
- Rotary valve engine. C. W. Hall. 1,996,200; Apr. 2.
- Rotatable die. E. J. Vandegriff. 2,023,297; Dec. 3.
- Rotating bodies, Method and mechanism for governing. G. Schmidt. 2,003,558; June 4.
- Rotating members, Balancing of. M. K. Taylor. 2,012,780; Aug. 27.
- Rotation control. A. Y. Dodge. 2,023,579; Dec. 10.
- Rotation device for drilling mechanisms. D. K. Dovell. 1,988,445; Jan. 22.
- Rotation mechanism for rock drills. J. C. Curtis. 2,013,744; Sept. 10.
- Rofisserie, Electric. W. G. Speakman. 2,020,807; Nov. 12.
- Rotoplane. E. L. Yanchus. 2,004,885; June 11.
- Rotor, Aircraft sustaining. J. S. Pecker. 2,009,703; July 30.
- Rotor and method of manufacture, Squirrel cage. C. P. Potter. 2,011,116; Aug. 13.
- Rotor construction for fans or the like. J. T. Janette. 1,996,155; Apr. 2.
- Rotor cutting machine. W. H. Nichols. 1,997,227; Apr. 9.
- Rotor flying machine. C. Dornier. 2,023,760; Dec. 10.
- Rotor for electric motors. E. V. Fahman. 2,003,587; June 4.
- Rotor for helicopters. C. Dornier. 2,001,529; May 14.
- Rotor for measuring dispensers. J. W. Bell. 1,987,319; Jan. 8.
- Rotor for rotary engines. E. Silbermann. 2,001,800; May 21.
- Rotor, Magnetic. L. Beeh. 1,996,946; Apr. 9.
- Rotor, Wing. J. Christiansen. 1,991,378; Feb. 19.
- Rotors, Forming. E. W. Petersen. 2,012,021; Aug. 20.
- Rotors, Making magneto. J. Bohll. 1,991,046; Feb. 12.
- Roughage mill. J. Holland-Letz. 2,005,940; June 25.
- Route indicator for motor vehicles. B. H. Dicks. 1,998,535; Apr. 23.
- Routing machine. H. Albertz. 1,990,158; Feb. 5.
- Routing machine. E. G. Roehm. 2,024,250; Dec. 17.
- Rove stop mechanism. A. R. Gow. 2,019,673; Nov. 5.
- Rubber, Age resisting vulcanized. R. L. Sibley. 2,011,952; Aug. 20.
- Rubber and like materials, Manufacture of. B. D. Porritt, T. R. Dawson and J. R. Scott. 1,994,619; Mar. 19.
- Rubber and producing the same, Colored. H. G. Kiernan. 2,022,887; Dec. 3.
- Rubber and product, Improving the properties of. W. A. Gibbons. 1,995,847; Mar. 26.
- Rubber and product thereof, Plasticizing. I. Williams and C. C. Smith. 2,018,643; Oct. 22.
- Rubber and product thereof, Producing chlorinated. J. McGavack. 2,021,318; Nov. 19.
- Rubber and products obtained thereby, Vulcanization of. W. Scott. 2,024,477; Dec. 17.
- Rubber and products obtained thereby, Vulcanizing. S. M. Cadwell. 1,988,438; Jan. 22.
- Rubber and similar material, Manufacture of. E. W. Madge. 1,991,860; Feb. 19.
- Rubber, Apparatus for vulcanizing. H. I. Houlette. 2,014,332; Sept. 10.
- Rubber article and making same, Decorated. C. W. Leguillon. 1,989,703; Feb. 5.
- Rubber article and making the same. C. E. Linscott. 1,994,317; Mar. 12.
- Rubber article and making the same, Decorated. V. H. Bodle. 1,989,676; Feb. 5.
- Rubber article and making the same, Partitioned hollow. F. G. Tritt. 2,001,594; May 14.
- Rubber article and producing the same. D. H. Forbes. 1,990,937; Feb. 12.
- Rubber article, Composite. C. H. Ingwer. 1,987,573; Jan. 8.
- Rubber article, Molded. P. E. Young. 2,009,866; July 30.
- Rubber article provided with fiber cover and their production, Infatable. I. Dorogl. 2,014,426; Sept. 17.
- Rubber article, Vented. R. B. Day. 2,007,825; July 9.
- Rubber articles and machine for use therein, Manufacture of. W. Kay. 1,998,897; Apr. 23.
- Rubber articles and product thereof, Making decorative. C. W. Leguillon. 1,989,704; Feb. 5.
- Rubber articles, Apparatus for making hollow. F. T. Roberts. 2,019,361; Oct. 29.
- Rubber articles, Apparatus for splicing. J. I. Haase. 2,024,577; Dec. 17.
- Rubber articles, Making. W. E. Gardner. 1,994,763; Mar. 19.
- Rubber articles, Making. A. Szegvari. 1,989,717; Feb. 5.
- Rubber articles, Making contoured. F. Fenton. 1,986,629; Jan. 1.
- Rubber articles, Making dipped. A. N. Spánel. 2,015,632; Sept. 24.
- Rubber articles, Making hollow. C. L. Beal. 1,997,784; Apr. 16.
- Rubber articles, Making molded. L. H. L'Hollier. 1,986,637; Jan. 1.
- Rubber articles, Making multicolored. C. W. Leguillon. 1,989,702; Feb. 5.
- Rubber articles, Making ornamented. A. L. Diller and L. H. L'Hollier. 2,002,391; May 21.
- Rubber articles, Making ornamented. L. H. L'Hollier. 2,002,375; May 21.
- Rubber articles, Making solid. V. L. Smithers. 1,991,470; Feb. 19.
- Rubber articles, Manufacture of. A. E. Barnard. M. Levin. 2,016,286; Oct. 8.
- Rubber articles, Manufacture of. W. Kay. 1,998,896; Apr. 23.
- Rubber articles, Manufacture of. W. Kay. 2,014,253; Sept. 10.
- Rubber articles, Manufacture of. S. I. Strickhouser. 1,999,024; Apr. 23.
- Rubber articles, Method and apparatus for making dipped. J. R. Gammeter. 2,015,648; Sept. 24.
- Rubber articles, Method and apparatus for making dipped. J. R. Gammeter. 2,021,299; Nov. 19.
- Rubber articles, Method of and apparatus for handling. A. H. Feikert. 2,016,367; Oct. 8.
- Rubber articles, Method of and apparatus for vulcanizing. J. M. Bierer. 1,987,890; Jan. 15.
- Rubber articles, Method of and apparatus for vulcanizing. T. M. Knowland. 1,998,161; Apr. 16.
- Rubber articles, Process and apparatus for manufacturing. C. R. Peaker and E. Hazell. 2,010,104; Aug. 6.
- Rubber articles, Splicing. J. I. Haase. 2,024,578; Dec. 17.
- Rubber bag. A. N. Spanel. 2,019,197; Oct. 29.

- Rubber band package. K. R. Shaw. 2,012,058; Aug. 20.
- Rubber blanks, Method of and apparatus for forming sheet. G. W. Blair and R. R. Hunt. 1,993,082; Mar. 5.
- Rubber cellulose mixture and resulting product., Making. 2,018,508; Oct. 22.
- Rubber, Chlorinated. L. Orthner, W. Becker, and L. Rosenthal. 2,014,504; Sept. 17.
- Rubber coated object. E. C. Domm. 2,002,262; May 21.
- Rubber coatings, Forming hard. W. J. McCortney and E. L. Bailey. 2,008,028; July 16.
- Rubber, Cold vulcanization of. W. Court. 1,993,435; Mar. 5.
- Rubber, Cold vulcanization of. D. F. Twiss. A. E. T. Neale, and J. A. Wilson. 2,002,067; May 21.
- Rubber composition and making the same. F. H. Bergheim. 2,001,176; May 14.
- Rubber composition and making the same. E. A. Murphy, F. T. Purkis, and D. F. Twiss. 1,995,319; Mar. 26.
- Rubber composition and method of preserving rubber. A. M. Clifford. 2,020,291; Nov. 12.
- Rubber composition and method of preserving rubber. W. L. Semon. 2,013,319; Sept. 3.
- Rubber composition and method of preserving rubber. W. L. Semon and A. W. Sloan. 2,000,039-41; May 7.
- Rubber composition and preserving rubber. R. L. Sibley. 2,001,071; May 14.
- Rubber composition and producing the same. E. A. Murphy, and D. F. Twiss. 2,012,727; Aug. 27.
- Rubber composition containing asphaltene. P. K. Frolich. 2,009,712; July 30.
- Rubber compositions from rubber latex and their reversal, Preparation of reversible. R. J. Noble. 1,995,747; Mar. 26.
- Rubber compositions, Manufacturing. E. A. Murphy and A. Niven. 1,993,276; Mar. 5.
- Rubber, Compounding. W. S. Calcott and W. A. Douglass. 1,989,788; Feb. 5.
- Rubber compounding. A. B. Cowdery. 2,006,310; June 25.
- Rubber compounding. A. A. Somerville. 2,026,442; Dec. 31.
- Rubber, Compounding of. R. J. King and E. C. King. 2,008,554; July 16.
- Rubber compounding, Product and process for. A. B. Cowdery and T. A. Bulfant. 1,986,389; Jan. 1.
- Rubber compounds, Method and apparatus for mixing and blending. C. E. Maynard. 2,011,685; Aug. 20.
- Rubber content of latex, Determination of the. J. S. Ward and S. D. Gehman. 2,024,617; Dec. 17.
- Rubber derivative, Plastic. T. F. Ford. 2,024,987; Dec. 17.
- Rubber, Devulcanizing. C. H. Campbell. 2,021,046; Nov. 12.
- Rubber die. S. C. Clark. 2,013,949; Sept. 10.
- Rubber dispersion and preparing the same, Artificial. E. G. Partridge. 2,006,841; July 2.
- Rubber essence, Preparing a. R. Botson and J. Kamp. 2,008,170; July 16.
- Rubber, etc., Compounding of. R. J. King and E. C. King. 2,000,028; May 7.
- Rubber-fabric material. E. Hazell. 1,992,665; Feb. 26.
- Rubber, Fabric seam. R. J. Holmes. 1,988,172; Jan. 15.
- Rubber for electrical insulation and water resistant materials and producing the same. J. McGavack and R. F. Tefft. 2,005,382; June 18.
- Rubber from latex or rubber solutions, Manufacture of sponge. H. R. Minor. 1,990,460; Feb. 5.
- Rubber goods, Continuous vulcanization of. L. J. Clayton. 1,999,751; Apr. 30.
- Rubber goods, Continuous vulcanizing of. L. J. Clayton. 2,023,665; Dec. 10.
- Rubber goods directly from latex, Production of. G. W. Winchester. 1,993,233; Mar. 5.
- Rubber goods from an aqueous dispersion of rubber, Method and form for manufacturing. D. F. Twiss. 1,996,051; Apr. 2.
- Rubber goods from latex, Manufacture of. J. B. Crockett. 1,993,596; Mar. 5.
- Rubber goods from rubber latex, Manufacture of. J. Edwards. 1,993,212; Mar. 5.
- Rubber goods, Manufacture of. E. A. Murphy, A. Niven, and D. F. Twiss. 1,993,277; Mar. 5.
- Rubber goods with relief designs, Method and apparatus for molding. P. Hansen. 2,012,927; Aug. 27.
- Rubber insulation for submarine cables. R. R. Williams and A. R. Kemp. 2,002,461; May 21.
- Rubber, Isomerization of. W. E. Lawson. 2,08,678; Oct. 29.
- Rubber latex and other solutions, dispersions, or emulsions, Apparatus for spray drying. M. J. Stam. 2,009,531; July 30.
- Rubber latex, Creaming of. R. F. Tefft. 1,994,328; Mar. 12.
- Rubber latex, Natural and artificial. I. Williams and B. Dales. 2,002,622; May 28.
- Rubber latex of rubber articles carrying imprints, Manufacture from. J. B. Crockett. 2,001,125; May 14.
- Rubber, Making cellular. G. W. Trobridge. 2,023,296; Dec. 3.
- Rubber, Making cellular. D. F. Twiss and W. McCowan. 1,993,290; Mar. 5.
- Rubber manufacture, Art and products of. H. J. Elwell. 2,022,462; Nov. 26.
- Rubber, Manufacture of. E. W. Madge and F. J. Payne. 2,007,578; July 9.
- Rubber, Manufacture of crude. J. McGavack. 2,016,335; Oct. 8.
- Rubber, Manufacture of hard. L. A. Edland. 1,997,547; Apr. 9.
- Rubber, Manufacture of porous. M. Faldini. 2,017,398; Oct. 15.
- Rubber material. J. Stein. 2,023,251; Dec. 3.
- Rubber material, Production of an antislip. J. O. Lüchinger. 2,011,496; Aug. 13.
- Rubber mixing or preparing machine. R. T. Cooke. 2,015,618; Sept. 24.
- Rubber or similar materials, Manufacture of. E. A. Murphy and D. F. Twiss. 1,993,278; Mar. 5.
- Rubber or the like, Process of and apparatus for shaping sheet. J. M. Bieder and G. E. Apel. 2,015,445; Sept. 24.
- Rubber plasticizer. J. Hyman. 2,008,102; July 16.
- Rubber, Preparing granulated. R. J. Noble. 2,019,055; Oct. 29.
- Rubber product and making same, Colored. E. G. Croakman. 1,988,483; Jan. 22.
- Rubber product and making same, Colored. E. G. Croakman. 1,988,484; Jan. 22.
- Rubber product and preparing it, Colored. H. Eichwede. 2,002,174; May 21.
- Rubber product, Plastic. I. Williams and C. C. Smith. 2,018,644; Oct. 22.
- Rubber, Production of chlorinated. E. Möllney. 2,020,076; Nov. 5.
- Rubber, Production of chlorinated. E. Möllney. 2,025,017; Dec. 17.
- Rubber, Production of dispersions of chlorinated. W. Laufenberg and R. Schwarz. 2,008,558; July 16.
- Rubber products and producing them, Colored. E. Fischer. 2,006,211; June 25.
- Rubber products, Production of chlorinated. W. D. Spencer. 1,996,937; Apr. 9.
- Rubber, Reclaimed. G. F. Lane. 1,990,658; Feb. 12.
- Rubber solution, Vulcanized. W. Alexander. 2,019,207; Oct. 29.
- Rubber surfaces, Treatment of. J. W. Baymiller. 2,016,736; Oct. 8.
- Rubber to metal, Securing adhesion of. H. R. Minor. 2,017,071; Oct. 15.
- Rubber, Treating. T. J. Fairley. 1,986,050; Jan. 1.
- Rubber treatment. C. Coleman. 1,989,226; Jan. 29.
- Rubber treatment. W. F. Tuley. 2,016,403; Oct. 8.
- Rubber, Treatment of. L. H. Howland. 2,026,386; Dec. 31.
- Rubber, Treatment of. W. Schrauth. 2,006,184; June 25.
- Rubber, Treatment of. W. F. Tuley. 1,996,036; Mar. 26.
- Rubber vulcanization. C. W. Christensen. 1,986,463; Jan. 1.
- Rubber vulcanization. M. W. Harman. 2,011,219; Aug. 13.
- Rubber vulcanization. M. Jones and W. J. S. Naunton. 1,990,906; Feb. 12.
- Rubber vulcanization. H. A. Lubs and I. Williams. 2,002,639; May 28.
- Rubber vulcanization. A. J. Northam. 2,006,057; June 25.
- Rubber, Vulcanization of. C. Coleman. 2,022,953; Dec. 3.
- Rubber, Vulcanization of. H. R. Thies. 2,017,808; Oct. 15.
- Rubber, Vulcanization of. W. F. Tuley. 2,013,117; Sept. 3.
- Rubber, Vulcanization of. I. Williams. 1,997,760; Apr. 16.
- Rubber, Vulcanizing. H. Meis. 1,990,609; Feb. 12.
- Rubber, Vulcanizing. R. L. Sibley. 1,998,559; Apr. 23.
- Rubber, Vulcanizing. S. L. Weller. 2,015,207; Sept. 24.
- Rubber waste, Working up vulcanized. F. Keppeler. 1,988,902; Jan. 22.
- Rubbers, Preparing chlorinated. E. Konrad and F. Schwerdtel. 2,005,320; June 18.
- Rubbers, Preparing stabilized chlorinated. W. Becker and A. Blomer. 1,993,913; Mar. 12.
- Rudder control contacting device, Electric. C. D. Fator. 1,992,929; Feb. 26.
- Rudder control device, Automatic. E. Fischel. 2,003,930; June 4.
- Rudder mechanism. J. B. Hiorth. 2,011,175; Aug. 13.
- Rug. J. H. Patrick. 2,020,699; Nov. 12.
- Rug. F. W. Stolzenberg. 2,016,876; Oct. 8.
- Rug and carpet cleaning machine. W. L. Barthold. 2,021,139; Nov. 19.
- Rug and carpet tufting machine. W. Loos. 1,997,869; Apr. 16.
- Rug display apparatus. E. F. Hathaway and W. Bixby. 2,009,798; July 30.
- Rug display mechanism. E. F. Hathaway and W. Bixby. 2,009,797; July 30.
- Rug display rack. A. Pepper. 2,019,090; Oct. 29.
- Rug-edge-finishing seam and making same. W. J. Moran. 1,998,022; Apr. 16.
- Rug, Electrically heated. C. I. Hall. 2,025,586; Dec. 24.
- Rug holder. E. C. Schacht. 2,005,638; June 18.
- Rug-hooking device. H. Kohanek. 2,002,401; May 21.
- Rug joint or selvage. E. J. Wilson. 1,986,491; Jan. 1.
- Rugs and the like, Apparatus for displaying. E. F. Hathaway and W. Bixby. 2,009,799; July 30.
- Rugs, Apparatus for cleaning. W. T. Stride. 1,986,947; Jan. 8.

- Rugs of pile fabrics, Construction of. C. H. Davison. 2,001,381; May 14.
- Rugs of pile fabrics, Construction of. C. H. Davison. 2,001,527; May 14.
- Rugs, Sewing tufted. C. Kadlec. 2,020,892; Nov. 12.
- Rule. H. A. Farrand. 1,994,339; Mar. 12.
- Rule, Coilable measuring. E. V. Higbee. 2,005,677; June 18.
- Rule, Coilable measuring. F. A. Volz. 2,005,668; June 18.
- Rule form. H. D. Mosher. 1,994,432; Mar. 12.
- Rule gauge. H. E. Jaeger. 1,991,219; Feb. 12.
- Rule, Slide. C. Norris. 1,987,536; Jan. 8.
- Rule, Steel. E. Anderson. 1,986,551; Jan. 1.
- Ruler, Adjustable curve. W. S. Weston. 2,001,949; May 21.
- Ruler, Mariner's parallel. S. Carlson. 2,008,386; July 16.
- Ruling machine. A. Broadmeyer. 2,014,352; Sept. 10.
- Rumble seat lock. H. K. Jett and H. L. Showalter. 2,022,886; Dec. 3.
- Rumble seat protector. S. I. Goldberg. 1,988,380; Jan. 15.
- Run resistant fabric. H. E. Katzenmoyer. 2,000,176; May 7.
- Runner, Scooter and sleigh. A. J. Scholtes. 2,006,325; June 25.
- Running board. G. F. Cavanagh. 2,020,135; Nov. 5.
- Running board. J. F. Duffy. 2,019,663; Nov. 5.
- Running board. H. D. Geyer. 1,991,739; Feb. 19.
- Running board. H. M. Pryale. 2,009,204; July 23.
- Running board for road vehicles, Folding. A. Hofacker. 2,018,064; Oct. 22.
- Rupture support. C. O. Denton. 2,020,634; Nov. 12.
- Rural mail box. H. A. Steinbronn. 2,025,251; Dec. 24.
- Rust and scale removing implement. F. Metz. 2,011,413; Aug. 13.
- Rust inhibitor. P. Hodges. 1,993,099; Mar. 5.
- Rust remover. C. Wunning and J. Tuttle. 1,988,823; Jan. 22.
- Rutile, Manufacture of. J. Rockstroh, F. Raspe, and H. Kircher. 1,995,580; Mar. 26.
- Sachet. M. A. Schaller. 1,988,141; Jan. 15.
- Sachet container. P. H. Ganz. 2,025,657; Dec. 24.
- Sack, Cotton. F. E. Murphy. 2,023,642; Dec. 10.
- Sack, Cotton picker's. V. H. Fairless. 1,996,956; Apr. 9.
- Sack, Fruit picker's. M. T. Walter. 1,992,849; Feb. 26.
- Sack-loading device. M. R. Frankenfeld. 1,998,191; Apr. 16.
- Sack or bag holder. C. A. Cook. 1,994,980; Mar. 19.
- Sacking and weighing apparatus, Automatic. R. Jarrier. 2,000,958; May 14.
- Sacro-iliac lesions, Apparatus for demonstrating. J. R. Millard. 2,021,566; Nov. 19.
- Saddle. B. J. Anderson. 2,002,929; May 28.
- Saddle. B. J. Anderson. 2,007,994; July 16.
- Saddle. J. W. Brandt. 2,011,842; Aug. 20.
- Saddle. J. W. Brandt. 2,013,624; Sept. 3.
- Saddle. J. T. Connolly. 2,008,977; July 23.
- Saddle. A. J. Linder. 2,013,353; Sept. 3.
- Saddle, Riding. J. A. Greene. 2,008,548; July 16.
- Sadiron, Automatic electric. H. C. Wright. 2,012,490; Aug. 27.
- Sadiron, Electric. G. Browning. 1,993,956; Mar. 12.
- Sadiron, Electric. I. Jeppsson. 1,996,157; Apr. 2.
- Sadiron sole plate. M. W. McArdle. 2,005,234; June 18.
- Safe and vault protective device. A. Lowy, R. B. Reynolds, and J. W. Young. 2,012,453; Aug. 27.
- Safe, Fireproof. B. S. Williams. 2,008,119; July 16.
- Safe, Ice. A. J. E. Munters. 2,022,570; Nov. 26.
- Safe, Match. W. Yoss. 1,997,128; Apr. 9.
- Safe, Milk bottle. E. H. Brush. 1,996,273; Apr. 2.
- Safe protector. T. N. Lewis. 1,997,113; Apr. 9.
- Safe structure. W. C. Miller and A. L. Abbott. 2,003,302; June 4.
- Safety adjuster for casements and the like. E. F. Goodwin. 2,021,357; Nov. 19.
- Safety and ignition control for the automatic control of burner mechanism, Combined. I. E. McCabe. 1,985,940; Jan. 1.
- Safety apparatus for moving picture machines. F. L. Nichols. 2,010,559; Aug. 6.
- Safety appliance. C. L. Blume. 2,023,263; Dec. 3.
- Safety appliance for elevators. R. P. Hooks. 2,025,241; Dec. 24.
- Safety attachment for drilling machines. E. F. Gory. 1,995,422; Mar. 26.
- Safety attachment for fuse pullers. P. J. Bott. 1,994,938; Mar. 19.
- Safety attachment for wheels. H. V. Ludwick. 1,992,078-9; Feb. 19.
- Safety attachment for wheels, Making. H. V. Ludwick. 1,992,080; Feb. 19.
- Safety attachment for wringers. M. Feldman. 2,015,303; Sept. 24.
- Safety burner. J. H. Grayson. 1,995,029; Mar. 19.
- Safety can. M. J. Gorman and F. S. Blanchard. 2,014,730; Sept. 17.
- Safety control apparatus. F. D. Austin. 2,007,702; July 9.
- Safety control device. W. O. Lum. 1,987,447; Jan. 8.
- Safety control for mechanical garage jacks. E. M. Pfau-er. 2,018,148; Oct. 22.
- Safety cover latch. I. C. Schenck. 1,989,213; Jan. 29.
- Safety device. A. C. Brill. 1,988,477; Jan. 22.
- Safety device. G. D. Engle. 2,003,256; May 28.
- Safety device. F. A. Furlong. 2,012,162; Aug. 20.
- Safety device. J. Jance. 2,024,042; Dec. 10.
- Safety device. J. A. Jonas. 2,021,655; Nov. 19.
- Safety device. N. D. Levin. 2,021,454; Nov. 19.
- Safety device. C. W. Rasmuss. 2,022,604; Nov. 26.
- Safety device. L. G. Witbeck. 2,007,066; July 2.
- Safety device, Fire. T. Tolstad. 1,998,262; Apr. 16.
- Safety device for automatic controls. W. T. Beattie. 2,003,852; June 4.
- Safety device for automobiles. W. M. Smith. 1,996,528; Apr. 2.
- Safety device for centrifugal pumps. I. Archer. 2,003,819; June 4.
- Safety device for conveyances. E. R. Landry. 1,995,889; Mar. 26.
- Safety device for food choppers and the like. M. W. McArdle and I. Jeppsson. 2,001,793; May 21.
- Safety device for footwear. F. L. Simonson. 1,999,214; Apr. 30.
- Safety device for gas burners. R. S. Taylor. 1,986,304; Jan. 1.
- Safety device for gas ranges. A. L. N. Fleming. 2,021,483; Nov. 19.
- Safety device for glassware forming machines. G. E. Rowe. 1,995,653; Mar. 26.
- Safety device for machines such as punch presses and the like. W. H. Brush and F. Slezak. 1,997,101; Apr. 9.
- Safety device for motion picture projectors. J. C. Wobensmith. 1,994,059; Mar. 12.
- Safety device for motor vehicles and the like. B. Balsa. 1,986,314; Jan. 1.
- Safety device for oil and fuel pipes. A. D. MacLachlan. 1,988,600; Jan. 22.
- Safety device for power driven members. W. Friedemann. 1,986,802; Jan. 8.
- Safety device for power presses. J. Basil and L. Rosetti. 1,995,763; Mar. 26.
- Safety device for power presses. C. M. Goff and J. W. Brown. 2,013,441; Sept. 3.
- Safety device for pressure fired steam generators. W. G. Noack. 1,991,114; Feb. 12.
- Safety device for punch presses. P. E. Boyd. 2,014,758; Sept. 17.
- Safety device for railway vehicles with pneumatic tires. A. J. Michelin. 1,995,575; Mar. 26.
- Safety device for reversible internal combustion and other engines. K. Mohr. 2,022,006; Nov. 26.
- Safety device for sadirons. A. Caruthers, Jr. 2,005,695; June 18.
- Safety device for spectacles. D. P. Thomson. 1,992,260; Feb. 26.
- Safety device for straight knitting machines. M. Zwicky. 2,003,766; June 4.
- Safety device for the prevention of overloading cranes and the like. L. B. Neal and B. M. Stoner. 2,015,957; Oct. 1.
- Safety device for vehicles. L. E. Pryor. 2,025,822; Dec. 31.
- Safety device, Frangible. R. W. Tryon and G. M. Booth. 1,993,301; Mar. 5.
- Safety device, Fusible. R. H. Moore and R. B. Allen. 2,001,686; May 14.
- Safety device to prevent film burning. M. H. Fritz. 1,989,310; Jan. 29.
- Safety driving arm for automobiles. W. E. Curry. 2,022,802; Dec. 3.
- Safety gas appliance, Manual and automatic. D. A. Gillen. 2,012,873; Aug. 27.
- Safety gas valve. J. H. Grayson. 2,008,547; July 16.
- Safety hinge. J. Boatmans. 1,986,496; Jan. 1.
- Safety hook. W. F. Bleeker. 2,017,581; Oct. 15.
- Safety impact switch. B. F. Nolte, Jr. 2,013,924; Sept. 10.
- Safety lamp, Electric. T. Asakawa. 1,988,933; Jan. 22.
- Safety lock. T. Thomalla. 2,015,735; Oct. 1.
- Safety means for elevators. B. J. Winner. 2,015,830; Oct. 1.
- Safety means for swaging machines. C. T. Brennan. 1,989,397; Jan. 29.
- Safety means for tanks. R. W. Crossen, Jr. 2,002,935; May 28.
- Safety mechanism for elevators. F. J. Sprague. 1,987,719; Jan. 15.
- Safety oil can. J. E. Schlorff. 2,000,299; May 7.
- Safety or nonrepeat attachment. J. M. Minkow. 2,020,615; Nov. 12.
- Safety pilot light. F. A. Gauger. 2,012,503; Aug. 27.
- Safety pin. A. T. Campbell. 2,017,651; Oct. 15.
- Safety pin. B. G. George. 2,013,952; Sept. 10.
- Safety pin. M. C. Peters. 1,991,292; Feb. 12.
- Safety plug. I. L. Dunn. 2,001,458; May 14.
- Safety razor with continuous blade. E. J. Eckbo. 2,012,868; Aug. 27.
- Safety receptacle. J. Putz. 2,014,582; Sept. 17.
- Safety screw. E. F. Desbrières. 2,021,051; Nov. 12.
- Safety shut-off valve, Automatic. J. B. Hoff. 1,991,214; Feb. 12.
- Safety snap hook. W. L. Smith. 2,010,277; Aug. 6.
- Safety support for end brake beams. C. L. Orr. 1,989,333; Jan. 29.
- Safety switch. E. V. Napier. 2,014,050; Sept. 10.
- Safety switch. H. C. Pierson. 2,013,251; Sept. 3.
- Safety system for therapeutic lamps. R. C. Hyde and E. O. Erickson. 2,002,776; May 28.
- Safety turn stop light. P. Caponi. 2,001,705; May 21.

- Safety valve. W. C. Buttner. 2,005,931; June 25.
 Safety valve. F. E. Godsey. 1,990,601; Feb. 12.
 Safety-ventilating and bombproof system. E. F. and J. Geiger. 2,014,840; Sept. 17.
 Safety window chair. F. R. Zabel and R. Penner. 2,010,835; Aug. 13.
 Sail device, Individual. C. Hardt. 2,018,062; Oct. 22.
 Sail rig for water craft. C. A. Beringer. 2,015,000; Sept. 17.
 Sales pad. H. C. Alexander. 2,010,684; Aug. 6.
 Salicylic acid derivative. H. A. Bruson and O. Stein. 1,998,750; Apr. 23.
 Salicylo-salicylic acid and product obtainable thereby, Removing impurities from. W. C. Stoesser and A. J. Dietzler. 2,007,147; July 2.
 Salol, Manufacture of. M. N. Dvornikoff. 2,007,013; July 2.
 Salt and the like, Dehydrating Glauber's. C. H. F. Cottee. 2,017,586; Oct. 15.
 Salt, Apparatus for the manufacture of. M. J. Gearing and W. F. Downing, Jr. 1,986,334; Jan. 1.
 Salt dispenser. J. G. Boswell. 2,007,845; July 9.
 Salt drying apparatus, Table. J. C. Latiolais. 1,993,330; Mar. 5.
 Salt mixture, Physiologically balanced. E. J. Wolf. 1,998,179; Apr. 16.
 Salt of polyhydroxy amines with organic acids, and preparing same. R. B. Flint and P. L. Salzberg. 1,994,467; Mar. 19.
 Salt water shower. A. Eccardt. 1,993,923; Mar. 12.
 Salts and other compounds, Recovering. J. C. Whetzel and R. E. Zimmerman. 2,005,120; June 18.
 Salts derived from indanthrone, Enolic etheral. D. A. W. Fairweather and J. Thomas. 2,019,530; Nov. 5.
 Salts from salt solutions, Recovery of. W. Fitz. 2,013,438; Sept. 3.
 Salts of acetyl-chlorine, Producing. R. T. Major and J. K. Cline. 2,013,731; Sept. 10.
 Salts of barbituric acids, Production of soluble. D. L. Tabern and N. A. Hansen. 2,006,610; July 2.
 Salts of bromine-substituted unsaturated fatty acids, and preparing same. S. Hermann. 2,014,045; Sept. 10.
 Salts of diazo amino tetrazole, Manufacture of copper ammonium. W. Brün. 2,001,299; May 14.
 Salts of halogenated pyridones containing an acid group, Alipathic amine. J. Reitmann. 1,993,039; Mar. 5.
 Salts of higher molecular alkyl sulphuric acids, Solid. H. Bertsch. 1,993,431; Mar. 5.
 Salts of keto aromatic acids. L. C. Daniels and A. O. Jaeger. 2,001,820; May 14.
 Salts, Preparing solid diazonium. K. Schnitzspahn. 2,018,095; Oct. 22.
 Salts, Producing. H. B. Siems. 1,989,175; Jan. 29.
 Salts, Producing colored. C. S. Benjamin. 2,015,062; Sept. 24.
 Salts, Storage of soluble. W. R. McCann. 2,024,830; Dec. 17.
 Salvaging apparatus. C. Byler. 1,998,607; Apr. 23.
 Salvaging equipment. E. L. Rader. 2,015,963; Oct. 1.
 Salve container. M. Goldine. 2,012,531; Aug. 27.
 Sample taking apparatus. W. L. Church. 1,998,075; Apr. 16.
 Sample taking device. R. D. Dodds. 2,019,176; Oct. 29.
 Sampling and testing device for coffee and the like. E. S. Douglas. 2,008,065; July 16.
 Sampling, Apparatus for. T. Thorsten. 2,020,529; Nov. 12.
 Sampling device. L. T. Baker. 1,996,534; Apr. 2.
 Sampling device. W. W. Fasset. 2,016,670; Oct. 8.
 Sampling device. B. B. Talbot, F. M. Dawson, E. H. Carney, and G. A. Ratcliff. 2,012,836; Aug. 27.
 Sand and dirt trap. F. A. Hanson and F. H. Lewis. 1,992,699; Feb. 26.
 Sand and gas separator. W. J. Dunlap. 2,010,947; Aug. 13.
 Sand and like materials, Apparatus for blending. H. L. McKinnon and M. E. First. 2,001,973; May 21.
 Sand blast apparatus. F. W. Wilson. 2,020,447; Nov. 12.
 Sand braking device, particularly adapted for use on automobiles. M. Friedrich. 2,003,631; June 4.
 Sand conditioning apparatus. D. Kries. 2,020,034; Nov. 5.
 Sand core forming apparatus. A. Stahn. 2,025,404; Dec. 24.
 Sand distributing device. W. N. Dull and P. B. Mutzfeld. 2,018,609; Oct. 22.
 Sand drying device. G. A. Diehl. 2,008,351; July 16.
 Sand mixer. H. S. Simpson. 2,024,481; Dec. 17.
 Sand settling plant. F. Mieder. 2,009,559; July 30.
 Sand handling apparatus. W. F. Piper. 1,997,392; Apr. 9.
 Sand, Purifying. R. K. McGregor and E. W. Tillotson. 2,023,278; Dec. 3.
 Sand trap. W. Bisher. 1,995,238; Mar. 19.
 Sand trap for pumps. B. Williams. 2,014,827; Sept. 17.
 Sander and jointer, Combination. O. Evinrude. 2,001,955; May 21.
 Sander, Automobile surface. L. T. Farley. 2,004,859; June 11.
 Sander for motor vehicles. R. R. Eiston. 2,016,419; Oct. 8.
 Sanderplane, Adjustable. H. L. Myers. 2,000,784; May 7.
 Sanding apparatus. H. A. Gauld. 2,012,163; Aug. 20.
 Sanding drum. J. B. Sirianni. 2,020,219; Nov. 5.
 Sanding drum. A. W. Walker. 1,992,105; Feb. 19.
 Sanding machine. D. S. Oakley. 1,986,520; Jan. 1.
 Sanding wheel. A. L. Pearson. 1,988,361; Jan. 15.
 Sandal. H. Koomruian. 2,015,479; Sept. 24.
 Sandal, Footed-glass. C. S. Voelcker. 2,025,963; Dec. 31.
 Sandwich making apparatus. J. H. Herman. 2,016,233; Oct. 1.
 Sanitary appliance. W. Deutsch. 1,989,686; Feb. 5.
 Sanitary appliance, Domestic. G. Zorraquin. 1,990,578; Feb. 12.
 Sanitary appliances such as wash basins, bidets, sinks, baths, and the like. C. Mallet and H. C. Couëtoux. 2,017,416; Oct. 15.
 Sanitary belt. C. A. Fourness. 1,987,437; Jan. 8.
 Sanitary belt. I. M. Hower. 2,017,499; Oct. 15.
 Sanitary closet device. R. L. Williamson. 1,999,971; Apr. 30.
 Sanitary cup. G. R. Cubbon. 1,986,504; Jan. 1.
 Sanitary insert for lavatories. O. Loft. 1,987,020; Jan. 8.
 Sanitary fixture. R. E. Crane. 1,990,268; Feb. 5.
 Sanitary napkin. G. W. Lindsey. 2,006,697; July 2.
 Sanitary napkin. R. J. O'Brien and A. Rubin. 2,005,298; June 18.
 Sanitary napkin and the like. C. L. Matthews. 2,015,407; Sept. 24.
 Sanitary napkin, Disposable. G. S. Mathey and H. J. Schaeffer. 2,024,976; Dec. 17.
 Sanitary napkins, Method and machine for making. A. P. Jurgensen. 2,010,997; Aug. 13.
 Sanitary pad and belt. R. V. Polson. 2,003,654; June 4.
 Sanitary pad shield and the like. A. N. Spánel. 2,022,609; Nov. 26.
 Sanitary pad shields, Method of and apparatus for making. A. N. Spánel. 2,022,608; Nov. 26.
 Sanitary paper holder. T. C. Fowler. 2,008,639; July 16.
 Sanitary seat cover and dispensing the same. C. H. Wilkniess. 1,999,676; Apr. 30.
 Sanitary seat covers, Apparatus for holding. J. H. Shelley. 2,007,461; July 9.
 Sanitary tissue dispensing and receiving device. S. L. Craig. 1,988,939; Jan. 22.
 Sanitary toilet appliance. N. B. Benson. 2,024,088; Dec. 10.
 Sash and frame construction, Double hung window. E. Moll. 2,007,979; July 16.
 Sash and frame, Storm. J. P. Glaser. 1,998,315; Apr. 16.
 Sash and the like, Window. C. W. Le Febvre. 2,016,206; Oct. 1.
 Sash, Combination storm and screen. A. A. Ensminger. 2,013,824; Sept. 10.
 Sash construction. W. S. Hamm and H. D. Sevison. 1,997,822; Apr. 16.
 Sash construction. W. S. Hamm and H. D. Sevison. 2,013,207; Sept. 3.
 Sash construction. W. E. Keller. 2,004,727; June 11.
 Sash construction. C. M. Verghagen. 2,024,192; Dec. 17.
 Sash construction, Window. M. Esser. 2,015,448; Sept. 24.
 Sash cord holding plug. E. Leicht and W. Kugel. 1,996,580; Apr. 2.
 Sash, Detachable. J. F. Kupec. 2,016,500; Oct. 8.
 Sash, door, or store front construction. A. H. Davis. 2,013,489; Sept. 3.
 Sash fastener. A. Handfield. 2,016,196; Oct. 1.
 Sash fastener. D. Roberts. 2,018,281; Oct. 22.
 Sash fastener and antirattling device, Combination. L. A. Pranevich. 1,991,294; Feb. 12.
 Sash fastener, Storm. G. F. Schuster. 1,987,565; Jan. 8.
 Sash holder. J. N. Vikre. 2,017,299; Oct. 15.
 Sash pair for windows. H. A. Knight. 2,014,622; Sept. 17.
 Sash ventilator. C. H. Larson. 2,004,762; June 11.
 Saturating machine and using same. I. J. Novak. 2,022,687; Dec. 3.
 Saturation of absorbent articles such as fibrous conduits, Continuous. S. P. Miller. 2,012,969; Sept. 3.
 Saturation of absorbent conduits. S. P. Miller. 2,012,970; Sept. 3.
 Sauerkraut machine. J. Mazzoco. 2,016,114; Oct. 1.
 Sausage apparatus. W. Karius. 1,996,474; Apr. 2.
 Sausage casing, Artificial. F. Goldberger. 2,000,835; May 7.
 Sausage stuffing and linking machine. F. Holmes and A. Balkema. 1,994,951; Mar. 19.
 Sausage-stuffing machine. D. Brightbill. 2,021,831; Nov. 19.
 Sausages, Apparatus for making skinless. L. Karpiloff. 2,013,610; Sept. 3.
 Savings bank. A. N. A. Fleischer. 2,020,176; Nov. 5.
 Saw. Band. A. L. Edwall. 1,987,551; Jan. 8.
 Saw blade. E. Emery. 2,023,726; Dec. 10.
 Saw blade. W. Polley. 1,996,687; Apr. 2.
 Saw-blade holder. G. J. Blum. 2,011,611; Aug. 20.
 Saw. Bow. H. Burkhardt. 2,018,437; Oct. 22.
 Saw chuck, Scroll. H. E. Tautz. 2,004,678; June 11.
 Saw, Circular. H. B. Allen. 2,013,943; Sept. 10.
 Saw, Circular. W. H. Merrigan. 1,993,219; Mar. 5.
 Saw, Coping. F. H. Kelley. 1,993,608; Mar. 5.
 Saw cylinder for cotton extracting machines. O. Mitchell. 2,003,262; May 28.
 Saw, Double tilting arbor. G. T. Johnson. 1,988,243; Jan. 15.
 Saw, Drag. E. J. Windle. 1,997,619; Apr. 16.
 Saw, Electric scroll. E. L. Meyer. 2,004,580; June 11.

- Saw filing device, Automatic. E. Lander. 2,005,998; June 25.
- Saw filing machine. E. T. Altman. 2,019,330; Oct. 29.
- Saw filing machine. Gln. J. R. Smith. 1,989,561; Jan. 29.
- Saw filing machines, Attachment for. B. Baze. 1,994,332; Mar. 12.
- Saw frame. F. H. Kelley. 1,988,949; Jan. 22.
- Saw frame and guide. Hack. W. H. Ketner. 2,004,286; June 11.
- Saw guide. C. R. Brownlow. 2,025,330; Dec. 24.
- Saw guide and clamp. W. A. Phillis. 2,024,111; Dec. 10.
- Saw guide, Collapsible. E. G. Jaques. 1,999,239; Apr. 30.
- Saw guide for pipes and similar articles. W. A. Phillis. 2,024,112; Dec. 10.
- Saw gumming and filing machine. Gln. A. N. Brown. 1,990,112; Feb. 5.
- Saw gumming apparatus. R. W. McLean. 1,994,077; Mar. 12.
- Saw. Hand. D. Okros. 2,012,201; Aug. 20.
- Saw handle. J. E. Davey. 2,017,895; Oct. 22.
- Saw handle. H. S. Forsberg. 2,016,107; Oct. 1.
- Saw handle. E. Frid. 2,006,990; July 2.
- Saw handle structure. J. N. Alexander. 2,015,373; Sept. 24.
- Saw lift. Hack. G. J. Aspey. 1,999,387; Apr. 30.
- Saw machine, Circular. W. H. Woodward. 1,988,102; Jan. 15.
- Saw. Making a hole. R. W. Ellingham. 2,015,339; Sept. 24.
- Saw. Motor driven back. J. P. French. 2,011,623; Aug. 20.
- Saw package. R. C. Hill. 2,010,082; Aug. 6.
- Saw. Rabbeting. H. T. Arends. 1,998,114; Apr. 16.
- Saw retaining means, Tubular. L. R. Lovelett. 2,021,456; Nov. 19.
- Saw. Scroll. D. W. Jones. 1,989,365; Jan. 29.
- Saw setter. F. W. Slevert. 2,018,686; Oct. 29.
- Saw sharpening machine. C. B. Mapes. 1,996,163; Apr. 2.
- Saw tooth. W. E. Gibbs. 2,024,520; Dec. 17.
- Saw tooth. D. E. Webster. 2,009,598; July 30.
- Saw tooth, Abrasive. F. Bley. 1,985,972; Jan. 1.
- Saw. Trimmer. A. E. De Koning. 2,016,799; Oct. 8.
- Saw. Wet. R. C. Moore. 1,987,409; Jan. 8.
- Scabbard. H. W. Earnshaw. 1,991,273; Feb. 12.
- Scaffold. A. Kask. 2,006,574; July 2.
- Scaffold, Adjustable. C. Daly, Jr. 2,003,581; June 4.
- Scaffold, Adjustable suspension. O. J. Mousette. Sr. 2,008,081; July 16.
- Scaffold, Builder's. G. A. Schernekau. 2,007,480; July 9.
- Scaffold coupling and clamp. H. K. Kaplan. 2,007,497; July 9.
- Scaffold coupling and clamp. H. K. Kaplan. 2,024,527; Dec. 17.
- Scaffold, Knockdown. C. S. Clark. 1,995,668; Mar. 26.
- Scaffold, Power driven. E. H. Cischke. 2,007,294; July 9.
- Scaffold, Window. E. Mikšovic. 2,024,940; Dec. 17.
- Scaffolding clamp. S. F. Burton and A. Lowe. 2,020,102; Nov. 5.
- Scaffolding support. C. W. Skinner. 2,009,861; July 30.
- Scaffolding, Wheeling. F. F. Hansen. 1,997,462; Apr. 9.
- Scale. J. A. Cobb. 2,016,768; Oct. 8.
- Scale. T. B. Flanagan. 2,009,020; July 23.
- Scale. W. N. Gilbert. 2,016,714; Oct. 8.
- Scale. N. A. Hallwood. 1,993,443; Mar. 5.
- Scale. F. B. Hamblin. 1,988,655; Jan. 22.
- Scale. M. H. Hansen. 2,019,132; Oct. 29.
- Scale. C. B. Haskins. 1,997,176; Apr. 9.
- Scale. C. B. Haskins. 2,010,666; Aug. 6.
- Scale. L. Jaenichen and L. O. Kelley. 1,998,136; Apr. 16.
- Scale. J. J. Klosterman. 2,006,864; July 2.
- Scale. J. S. Osgbury. 1,987,308; Jan. 8.
- Scale. K. Rauch. 2,021,489; Nov. 19.
- Scale. D. C. Rockola. 2,024,187; Dec. 17.
- Scale. E. J. Von Pein. 2,024,315; Dec. 17.
- Scale. G. Walker. 2,023,864; Dec. 10.
- Scale. T. J. Watson. 1,994,550; Mar. 19.
- Scale attachment. W. E. Jones and E. A. Reussenzehn. 1,993,606; Mar. 5.
- Scale, Automatic. F. Peuker and K. Rathke. 2,016,098; Oct. 1.
- Scale, Automatic dial. A. Bousfield. 2,014,274; Sept. 10.
- Scale, Automatic weight indicating. H. C. Schaper. 2,022,981; Dec. 3.
- Scale, Balance or weighing. C. A. Becker. 2,004,745; June 11.
- Scale base system. W. N. Gilbert. 2,000,168; May 7.
- Scale beam, Weighing. A. Bousfield. 2,014,273; Sept. 10.
- Scale, Coin. G. R. Wood. 2,000,158; May 7.
- Scale, Coin controlled. H. L. Walker. 2,004,179; June 11.
- Scale, Coin controlled weighing. S. N. Hurt. 2,013,960; Sept. 10.
- Scale, Coin operated weighing. L. O. Kelley. 2,001,388; May 14.
- Scale, Combined recording and registering postal. F. B. Mulford and R. D. Schnoor. 1,990,304; Feb. 5.
- Scale, Computing. W. C. Berrien. 2,023,303; Dec. 3.
- Scale, Counting. W. N. Gilbert and C. B. Haskins. 1,994,512; Mar. 19.
- Scale device. W. N. Gilbert and W. Gumprich. 2,013,539; Sept. 3.
- Scale, Egg grading. O. Niederer. 2,004,339; June 11.
- Scale, Even balance. J. W. Bryce. 1,990,265; Feb. 5.
- Scale for cigarettes, Weighing. A. Bfr6. 1,996,189; Apr. 2.
- Scale for packing fruits. A. R. Upp. 2,022,062; Nov. 26.
- Scale head. L. J. Schumacker and E. A. Reussenzehn. 2,006,370; July 2.
- Scale, Health. K. E. Barrett. 2,014,270; Sept. 10.
- Scale lock. C. E. Bredan and C. B. Haskins. 2,016,703; Oct. 8.
- Scale mechanism. W. W. Morey. 2,021,151; Nov. 19.
- Scale mechanism, Electrically controlled. O. W. Fisher and R. E. Walter. 2,022,659; Dec. 3.
- Scale, Parcel post. G. W. Lawrence. 2,023,927; Dec. 10.
- Scale, Pocket letter. W. A. Scheurer. 2,009,363; July 23.
- Scale poise. E. A. Reussenzehn. 1,996,976; Apr. 6.
- Scale, Printing. E. J. Von Pein. 2,016,698; Oct. 8.
- Scale, Recording. L. S. Williams. 2,013,940; Sept. 10.
- Scale, Recording. L. S. Williams. 2,020,982; Nov. 12.
- Scale remover. A. G. Cole. 2,024,993; Dec. 17.
- Scale signal device. C. E. Grist. 2,021,775; Nov. 19.
- Scale signal light device. C. E. Grist. 2,009,691; July 30.
- Scale strip to a scale bar, Securing a. C. A. Fuchs. 2,001,060; May 14.
- Scale support. E. A. Reussenzehn. 1,993,624; Mar. 5.
- Scale, Weighing. H. Butler. 2,003,737; June 4.
- Scale, Weighing. F. M. Carroll. 1,993,592; Mar. 5.
- Scale, Weighing. T. B. Flanagan. 2,009,018-19; July 23.
- Scale, Weighing. M. H. Hansen. 2,003,360; June 4.
- Scale, Weighing. E. G. Hedman. 2,004,096; June 11.
- Scale, Weighing. H. O. Hem. 2,001,905; May 21.
- Scale, Weighing. H. O. Hem. 2,013,957; Sept. 10.
- Scale, Weighing. S. N. Hurt. 2,013,961; Sept. 10.
- Scale, Weighing. L. Jaenichen and M. D. Ribble. 2,025,590; Dec. 24.
- Scale, Weighing. B. W. Markham and S. N. Hurt. 2,013,922; Sept. 10.
- Scale, Weighing. F. Peuker. 2,007,306; July 9.
- Scale, Weighing. T. Teraoka. 2,026,290; Dec. 31.
- Scale, Weighing. F. V. Waltz. 2,013,934; Sept. 10.
- Scale, Weighing. M. J. Weber. 2,019,751; Nov. 5.
- Scale, Weighing. M. A. Weckerly. 2,013,935; Sept. 10.
- Scale, Weighing. L. S. Williams. 2,013,936; Sept. 10.
- Scale, Weighing. L. S. Williams. 2,013,939; Sept. 10.
- Scale, Weighing. S. M. Woodward. 2,022,753; Dec. 3.
- Scale, Weighing. I. Zeissl. 1,999,312; Apr. 30.
- Scales, Apparatus for relieving shocks on. S. D. Moxley. 2,002,411; May 21.
- Scales, Increasing the capacity of. A. Bousfield. 2,014,275; Sept. 10.
- Scales, Method of and apparatus for making. L. J. Kocl. 2,023,596; Dec. 10.
- Scalp steamer. C. G. Gross. 1,988,790; Jan. 22.
- Scanning and apparatus therefor. O. A. Ross. 2,002,678; May 28.
- Scanning apparatus. F. Gray. 2,017,092; Oct. 15.
- Scanning device. H. C. Nightingale. 1,997,307; Apr. 9.
- Scanning device. H. Papst. 2,010,411; Aug. 6.
- Scanning for television purposes and apparatus therefor. G. Gordon. 2,013,559; Sept. 3.
- Scanning system. J. V. L. Hogan. 2,010,764; Aug. 6.
- Scattering machine for road making material. L. P. Plas. 1,998,966; Apr. 23.
- Scent conditions, Indicating. H. M. Budgett. 2,007,324; July 9.
- Scissor rule. J. Coll. 2,023,409; Dec. 10.
- Scissors and the like. C. H. Herrick. 1,987,935; Jan. 15.
- Scissors and shears. A. A. Lincoln. 2,006,926; July 2.
- Scissors, Electric. I. Jepsen. 1,996,813; Apr. 9.
- Scissors measuring device. J. Coll. 2,023,408; Dec. 10.
- Scissors or the like, Device for sharpening. C. Newman. 2,024,245; Dec. 17.
- Scoop. C. A. Henneuse. 1,996,723; Apr. 2.
- Scoop and the like, Ice cream. F. R. Chester. 2,013,265; Sept. 3.
- Scoop, drain, and collector, Combined. A. Kahn. 1,987,011; Jan. 8.
- Scoop, Sink refuse. H. L. Adelstein. 2,020,293; Nov. 12.
- Scooter. D. J. Bontrager. 2,002,520; May 28.
- Scooter vehicle, Self-propelled. C. T. Sweany. 1,998,293; Apr. 16.
- Scorer, Mechanical. E. F. Bostwick. 2,019,887; Nov. 5.
- Scoring apparatus and the like. W. Humphreys. 1,997,933; Apr. 16.
- Scoring machine. W. W. Maher. 2,019,499; Nov. 5.
- Scoring unit for golf practice range. H. L. Evans. 2,011,146; Aug. 13.
- Scouring device. C. B. Stevens. 2,019,368; Oct. 29.
- Scouring device. A. E. Stoker. 1,994,795; Mar. 19.
- Scouring material and device. W. C. Protz. 1,990,840; Feb. 12.
- Scouring mechanism. G. L. Renneisen. 1,993,898; Mar. 12.
- Scouring pad. D. J. Mayer. 1,991,023; Feb. 12.
- Scouring pad, Detergent abrasive. R. B. Kingman. 1,991,559; Feb. 19.
- Scouring pad handle. J. Flumefreddo. 2,014,494; Sept. 17.
- Scow, Dumping. H. Back. 2,011,886; Aug. 20.
- Scow, Self-dumping. J. K. Munson. 2,003,694; June 4.
- Scrap and folding and gluing carton blanks and machine therefor, Removing. S. Bergstein. 1,987,224; Jan. 8.
- Scrap bunch machine. J. F. Halstead. 2,021,652; Nov. 19.
- Scrap ejector and stacker. L. Blanford. 2,025,372; Dec. 24.
- Scraper. J. J. Glassner. 2,003,186; May 28.

- Scraper. R. L. Harrison. 2,008,178; July 16.
 Scraper. D. N. Hunter and M. J. Butts. 2,025,285; Dec. 24.
 Scraper. E. P. Stamm. 1,989,431; Jan. 29.
 Scraper, Chopping block. H. E. Harkin. 2,015,220; Sept. 24.
 Scraper, Kettle. F. W. Amend. 2,011,699; Aug. 20.
 Scraper loader. S. F. Ossing. 2,022,145; Nov. 26.
 Scraper, Rotary. J. H. Kerber. 2,020,555; Nov. 12.
 Scraper, Tube. H. J. Forster. 2,018,124; Oct. 22.
 Scraper, Wagon. W. J. Adams. 2,010,801; Aug. 13.
 Scraper, Wheeled. J. H. Slaker and de M. A. Palmer. 2,024,483; Dec. 17.
 Scraper, Wood. G. L. Lee. 1,994,417; Mar. 12.
 Scrapers, Attachment for road. J. T. Bolen, G. J. Earnest, and J. E. Newnam. 2,012,654; Aug. 27.
 Scraping fixture. F. C. Linn. 1,994,316; Mar. 12.
 Scratching post. D. D. Yoder. 2,005,817; June 25.
 Sreed, Adjustable. A. W. French. 1,995,450; Mar. 26.
 Sreed support. H. P. Neptune. 1,988,746; Jan. 22.
 Sreeding machine. R. D. Shaw. 2,005,508; June 18.
 Screen; See—
 Air cleaner screen. Picture screen.
 Antiglare screen. Projection screen.
 Burglarproof window. Protection screen.
 screen. Roller screen.
 Casement and other win- Self cleaning screen.
 dow screen. Shaking screen.
 Cinema screen. Sound picture screen.
 Clear vision screen. Talking picture screen.
 Collapsible insect screen. Universal screen.
 Fireplace screen. Vibrating screen.
 Fire screen. Vibration screen.
 Luminescent screen. Well screen.
 Ornamental screen. Windshield storm screen.
 Persisting luminescent Window screen.
 screen. Woven wire screen.
 Screen. J. R. Coffey and H. Adams. 2,014,834; Sept. 17.
 Screen. D. L. Cramp. 2,019,253; Oct. 29.
 Screen. R. H. Cutting. 2,025,728; Dec. 31.
 Screen. C. P. Day. 2,008,579; July 16.
 Screen. A. C. Durdin. 1,999,149; Apr. 23.
 Screen. B. G. Klugh. 2,009,624; July 30.
 Screen. R. E. Minogue. 2,012,726; Aug. 27.
 Screen. L. G. Symons. 2,008,648; July 16.
 Screen. G. P. Wicker. 1,991,532; Feb. 19.
 Screen advertising apparatus. L. H. Hyde. 2,011,581; Aug. 20.
 Screen and cleaning means therefor. J. B. Goldsborough. 1,992,005; Feb. 19.
 Screen and filter, Automatic. K. H. Feige. 2,012,124; Aug. 20.
 Screen and making same. J. Boehm. 1,997,713; Apr. 16.
 Screen and making the same. D. E. Knapp. 2,020,787; Nov. 12.
 Screen and ventilator, Combined window. S. Stern. 2,019,200; Oct. 29.
 Screen construction. W. D. Bayley. 2,021,398; Nov. 19.
 Screen conveyor. A. O. Hurxthal. 2,007,862; July 9.
 Screen conveyor, Endless. J. A. Hogg. 1,988,041; Jan. 15.
 Screen conveyor, Sectional endless. A. C. Sargent. 1,995,821; Mar. 26.
 Screen corner construction. E. G. Huff. 2,001,681; May 14.
 Screen device for power sprays and the like. H. M. Johnston. 2,015,274; Sept. 24.
 Screen for an automotive vehicle. J. B. Flynn and E. L. Graf. 2,019,127; Oct. 29.
 Screen for automotive vehicles, Window. H. E. Van Voorhees. 2,019,105; Oct. 29.
 Screen for pipes, Foldable. J. H. Adams. 2,010,708; Aug. 6.
 Screen for preparing half-tones, Universal. C. W. Bennett. 1,995,958; Mar. 26.
 Screen for projecting machines. S. F. Kelliher. 1,993,672; Mar. 5.
 Screen for receiving projected images. F. Earle. 2,002,733; May 28.
 Screen for sick beds, Protective. M. Linden. 2,014,205; Sept. 10.
 Screen for the production of photographic color pictures. Producing a multicolor. F. H. Müller. 2,007,282; July 9.
 Screen for use in waterways. F. R. Pettepher. 1,999,637; Apr. 30.
 Screen frame. E. G. Huff. 1,994,022; Mar. 12.
 Screen from wire, Apparatus and method for forming. D. K. Hopkins. 2,004,409; June 11.
 Screen grid tube, Demountable. L. A. Gebhard. 1,990,482; Feb. 12.
 Screen installing device, Roll. M. Yartyan. 2,025,630; Dec. 24.
 Screen ladder jack. R. A. Davis. 2,015,378; Sept. 24.
 Screen plate for paper making machines. F. Dustan. 2,015,139-141; Sept. 24.
 Screen plate support. G. Clausen. 2,003,923; June 4.
 Screen section or apron for conveyers. A. C. Sargent. 1,995,822; Mar. 26.
 Screen securing means. E. F. Chambless. 2,015,663; Oct. 1.
 Screen shading in photoengraving. K. L. McLellan. 2,009,586; July 30.
 Screen stenciling art. W. C. Wilson. 2,017,576; Oct. 15.
 Screen stile. T. Johnson. 2,024,928; Dec. 17.
 Screen structure, Window. J. E. Johnson. 2,013,155; Sept. 3.
 Screen structure, Window. G. B. Yalch. 1,994,205; Mar. 12.
 Screening and filtering apparatus, Automatic. W. Ralsch. 2,013,971; Sept. 10.
 Screening apparatus. G. Linke. 1,995,992; Mar. 26.
 Screening apparatus. G. F. Royer. 2,020,800; Nov. 12.
 Screening apparatus. T. Sandy. 2,001,549; May 14.
 Screening apparatus. L. E. Soldan. 2,000,998; May 14.
 Screening apparatus. D. A. Weber. 1,999,673; Apr. 30.
 Screening apparatus, Mechanically oscillating. G. H. Schieferstein. 2,016,972; Oct. 8.
 Screening device. C. S. Lincoln. 1,999,768; Apr. 30.
 Screening device for automobiles. N. L. Maddox. 2,016,645; Oct. 8.
 Screening machine. D. Cole. 1,986,102; Jan. 1.
 Screening machine. D. Cole. 2,010,256; Aug. 6.
 Screens, Cleaning filter. E. H. Payne. 2,004,796; June 11.
 Screens, Device for cleaning. A. Kinsey. 2,020,728; Nov. 12.
 Screens for cinematographic projections and the like. L. Darimont. 1,995,964; Mar. 26.
 Screens, Making half tone. R. W. Grenell. 1,990,231; Feb. 5.
 Screens, Repairing. F. E. Tucker. 1,998,033; Apr. 16.
 Screw; See—
 Connector screw. Safety screw.
 Screw. A. E. Grant. 1,987,474; Jan. 8.
 Screw. J. M. Hargrave. 2,016,088; Oct. 1.
 Screw. J. Scherer. 2,017,550; Oct. 15.
 Screw. E. A. Thatcher and J. F. Fieg. 2,021,704; Nov. 19.
 Screw and driver therefor. H. Lorenzen and A. Leonhard. 1,997,422; Apr. 9.
 Screw cap and forming same, Double. M. A. Greene. 2,001,248; May 14.
 Screw correcting device, Lead. S. W. Bath and E. A. Walker. 2,021,537; Nov. 19.
 Screw-cutting machine, Electrically controlled. R. and E. Herrmann. 1,991,927; Feb. 19.
 Screw-down control for rolling mills, Automatic. G. N. Hughes. 2,014,475; Sept. 17.
 Screw down for sheet and tin mills, Automatic. E. B. Hudson. 2,006,765; July 2.
 Screw driver. W. Jacobson. 2,013,826; Sept. 10.
 Screw driver. M. N. Matveyeff. 1,997,766; Feb. 19.
 Screw driver and socket wrench tool. Combination. E. Mancuso. 2,007,432; July 9.
 Screw drivers, Attachment for. J. C. Morgan. 1,990,244; Feb. 5.
 Screw fastening means. E. F. Hunt. 2,002,741; May 28.
 Screw heads, Method and machine for finishing. V. J. Roddy. 2,022,573; Nov. 26.
 Screw machine. F. N. Tilton. 1,999,264; Apr. 30.
 Screw machine, Multiple spindle hydraulic. H. W. Rupel. 2,019,155; Oct. 29.
 Screw machine supplying mechanism. P. L. Stenman. 2,009,751; July 30.
 Screw making machine and the like, Automatic. A. F. J. Wright. 1,997,353; Apr. 9.
 Screw propeller. A. Barker. 2,011,672; Aug. 20.
 Screw propeller. A. L. Millar. 2,024,700; Dec. 17.
 Screw, Self-tapping. R. O. Chafee. 2,005,672; June 18.
 Screw suitable for helicopters, Rotor. J. H. Bradbury. 2,020,235; Nov. 5.
 Screwthread cutting tool. D. M. Watkins. 2,013,593; Sept. 3.
 Screw thread gauge. C. M. Pond. 2,022,089; Nov. 26.
 Screw thread repairing tool. T. A. Grove. 2,000,227; May 7.
 Screw thread rolling apparatus. C. E. Handel. 2,011,761; Aug. 20.
 Screw threading tool. I. Bond. 2,019,391; Oct. 29.
 Screw top wrench. F. H. Mertens. 2,024,800; Dec. 17.
 Screw, Wave. A. H. Dall and B. Sassen. 1,989,611; Jan. 29.
 Screwless plug. J. Gergely. 2,023,834; Dec. 10.
 Screws, Making square-head. H. Moore. 2,024,593; Dec. 17.
 Scriber. H. E. Cathard. 1,993,132; Mar. 5.
 Scriber, Adjustable. A. W. Keuffel. 2,011,195; Aug. 18.
 Scribing tool. R. H. Mueller and W. M. Robinson. 2,009,671; July 30.
 Scroll. G. C. Groth. 2,002,697; May 28.
 Scroll saw frame. H. E. Tautz. Des. 94,788; Mar. 5.
 Scrubber. C. G. Hawley. 2,004,467; June 11.
 Scrubber, Gyration. W. L. Wettlaufer. 1,989,777; Feb. 5.
 Scrubber, Gyration. W. L. Wettlaufer. 1,990,765; Feb. 12.
 Scrubber, Gyration. W. L. Wettlaufer. 2,009,126; July 23.
 Scrubbing machine. J. Milanovich. 2,023,816; Dec. 10.
 Scum removing apparatus for liquids. W. B. Marshall. 1,990,458; Feb. 5.
 Seafood and the product resulting therefrom, Treating. C. H. Schuh. 1,989,383; Jan. 29.
 Seaplane construction. G. M. Bellanca. 1,995,089; Mar. 19.
 Seaplane float. A. Beck. 1,988,863; Jan. 22.
 Seaplanes, Method and apparatus for launching. G. F. Myers. 2,020,324; Nov. 12.
 Sea wall. L. R. Mason. 1,987,152; Jan. 8.

- Seal. G. A. Burr and E. E. Arnold. 2,000,688; May 7.
 Seal. J. A. Byrne. 2,013,299; Sept. 3.
 Seal. E. Dietze. 2,006,042; June 25.
 Seal. H. S. Eberhard. 2,008,901; July 23.
 Seal. G. B. Edgar. 1,997,169; Apr. 9.
 Seal. S. N. Hope. 2,002,856; May 28.
 Seal. G. M. Jaffin and J. T. Basseches. 2,005,340; June 18.
 Seal. F. Keidel. 2,006,051; June 25.
 Seal. A. M. Miller. 2,020,198; Nov. 5.
 Seal. L. Q. Moore. 2,003,755; June 4.
 Seal. J. C. Olsen. 2,000,349; May 7.
 Seal. F. E. Rice. 2,010,109; Aug. 6.
 Seal and cap guard. Closure. J. F. Toomey and J. F. McNally. 2,026,108; Dec. 31.
 Seal and dust guard for journal boxes. Oil. W. B. D. Penniman. 2,003,120; May 28.
 Seal and dust guard. Oil. W. B. D. Penniman. 1,989,110; Jan. 29.
 Seal and measure for collapsible tubes. Auxiliary. W. A. Mulford. 2,017,254; Oct. 15.
 Seal and process of making. Metal. C. S. Price. 2,015,605; Sept. 24.
 Seal. Automatic locking car. R. P. Krause. 1,992,868; Feb. 26.
 Seal. Band. E. Dietze. 2,021,933; Nov. 26.
 Seal. Bearing. W. C. Betz. 1,991,723; Feb. 19.
 Seal. Bearing. D. Mitchell, Jr. 2,014,859; Sept. 17.
 Seal. Bearing. J. W. Smith. 2,010,499; Aug. 6.
 Seal. Bottle. C. J. Desmond. 2,025,498; Dec. 24.
 Seal. Bottle. O. K. Nutter. 2,021,084; Nov. 12.
 Seal. Fluid. H. N. Comins. 1,994,169; Mar. 12.
 Seal. Fluid. F. L. Schleicher. 2,005,833; June 25.
 Seal. Fluid-packed. E. Mendenhall, J. B. Van Horn, and C. J. Coberly. 2,002,918; May 28.
 Seal for antifriction bearings. G. R. Bott. 1,986,621; Jan. 1.
 Seal for axle boxes. A. Albeck. 2,005,526; June 18.
 Seal for bag filling machines. Dustproof. G. Lodenkemper. 1,997,385; Apr. 5.
 Seal for bearing housings. G. T. Pfeleger. 2,015,233; Sept. 24.
 Seal for bearings. Grease. E. P. Larsh. 2,000,341; May 7.
 Seal for closures. J. R. Allan. 2,008,741; July 23.
 Seal for collecting mains of distillation ovens or the like. Liquid. W. Beumann. 2,004,266; June 11.
 Seal for conveying apparatus. J. H. Morrow. 2,000,293; May 7.
 Seal for driers. Air. R. C. Moore. 1,987,410; Jan. 8.
 Seal for dynamo electric machines. W. F. Kelpe. 2,003,000; May 28.
 Seal for gates or the like. Bottom. H. Zimmermann. 1,986,701; Jan. 1.
 Seal for milk cans. D. Bratich. 1,998,652; Apr. 23.
 Seal for pumps. G. A. Wahlmark. 2,015,979; Oct. 1.
 Seal for refrigerating apparatus. C. J. Rowe. 2,010,930; Aug. 13.
 Seal for rotary engines and the like. A. Lack and O. E. E. Stromberg. 1,994,858; Mar. 19.
 Seal for rotary shafts. T. I. Potter. 1,998,790; Apr. 23.
 Seal for rotary shafts. D. J. Vandermeer. 2,011,206; Aug. 13.
 Seal for rotary shafts. Fluid. L. H. Stein. 2,009,281; July 23.
 Seal for rotating shafts. C. J. Coberly. 1,989,349; Jan. 29.
 Seal for rotating shafts. G. P. Gilman. 2,025,279; Dec. 24.
 Seal for rotating shafts. A. R. Weis and G. E. Bigelow. 2,007,414; July 9.
 Seal. Frangible. R. W. Ferguson and H. P. Sparkes. 2,003,183; May 28.
 Seal. Grease. J. R. Winter. 2,005,446; June 18.
 Seal. Grease. J. R. Winter. 2,015,831; Oct. 1.
 Seal. Insulating liquid. H. J. H. Huber. 1,992,031; Feb. 19.
 Seal. Journal bearing. H. C. Pollitz. 1,986,285; Jan. 1.
 Seal. Keg tapping. E. Werthner. 1,996,184; Apr. 2.
 Seal. Liquid. F. W. Paffen. 2,022,384; Nov. 26.
 Seal lock. C. M. Rose. 1,987,351; Jan. 8.
 Seal means for automobile doors. Combined bumper and weather. A. F. Wintercorn. 1,991,643; Feb. 19.
 Seal. Metal-to-glass. W. W. Eitel. 2,010,145; Aug. 6.
 Seal. Oil. A. F. Gardner. 1,988,652; Jan. 22.
 Seal. Oil. R. J. Gits. 2,021,414; Nov. 19.
 Seal. Oil. E. T. Lorig. 2,005,587; June 18.
 Seal. Oil. V. E. Nelson. 1,994,830; Mar. 19.
 Seal. Oil. C. T. Olson. 1,995,813; Mar. 26.
 Seal. Oil. W. B. D. Penniman. 2,012,974; Sept. 3.
 Seal or guard. R. Brittain, Jr. 1,991,077; Feb. 12.
 Seal. Pipe coupling. H. Woodroffe. 2,023,567; Dec. 10.
 Seal. Rotary oil. J. Mikulasek. 2,021,633; Nov. 19.
 Seal. Shaft. J. A. Olson. 2,023,898; Dec. 10.
 Seal. Shaft. F. Shenton. 2,020,436; Nov. 12.
 Seal. Strap. L. G. Horvath. 1,991,215; Feb. 12.
 Seal. Strap. C. M. MacChesney. 1,988,742; Jan. 22.
 Seal. Vent. W. R. Mobley. 1,988,325; Jan. 15.
 Seal vent. Liquid. W. R. Mobley. 1,992,875; Feb. 26.
 Sealed cell replacement. M. L. Martus and E. H. Becker. 2,014,856; Sept. 17.
 Sealed container. Easy opening. W. F. Punte. 2,019,360; Oct. 29.
 Sealed joint. F. E. Dennison and W. D. Leonard. 2,008,580; July 16.
 Sealed package. C. Hammer. 1,998,869; Apr. 23.
 Sealer for wrapping machines. M. E. Foernsler. 1,998,127; Apr. 16.
 Sealer. Jar. J. B. Bentley and M. A. Bentley. 2,024,756; Dec. 17.
 Sealer. Steam wrapping. J. W. Moore. 2,000,782; May 7.
 Sealing closure. F. E. Key. 1,992,431; Feb. 26.
 Sealing compound for pneumatic tires and making the same. H. French and W. F. Welbeloved. 2,003,112; May 28.
 Sealing device. T. C. Arnold. 1,993,987; Mar. 12.
 Sealing device. T. C. Arnold. 2,018,826; Oct. 8.
 Sealing device. H. Gerstein and A. Auerbach. 2,009,613; July 30.
 Sealing device. C. A. Goddard. 1,987,737; Jan. 15.
 Sealing device. W. G. G. Godron. 1,988,726; Jan. 22.
 Sealing device. F. E. McCabe. 2,004,997; Jan. 18.
 Sealing device. E. Mendenhall and J. B. Van Horn. 2,002,917; May 28.
 Sealing device and assembly for rotating shafts. M. B. Morgan. 2,023,338; Dec. 3.
 Sealing device for centrifugal pumps. A. L. McHugh. 2,017,544; Oct. 15.
 Sealing device for collapsible tubes and the like. S. de Faveri and R. Cimatti. 2,006,235; June 25.
 Sealing device for containers. O. Vos. 2,019,106; Oct. 29.
 Sealing device for exhaust machines. Automatic. R. M. Zimmer. 2,020,983; Nov. 12.
 Sealing device for pressure containers. H. Rufener, and T. Eichmann. 2,010,200; Aug. 6.
 Sealing device for storage tanks. J. C. Patrick. 2,014,264; Sept. 10.
 Sealing device, packing and the like. W. G. G. Godron. 1,999,094; Apr. 23.
 Sealing electric lamps and similar articles. Method of and apparatus for. F. J. Malloy and R. B. Thomas. 2,006,231; June 25.
 Sealing-in and exhausting apparatus. V. Anderson and D. G. Trutner. 1,989,897; Feb. 5.
 Sealing-in apparatus. D. G. Trutner. 1,989,898; Feb. 5.
 Sealing-in method and apparatus. J. F. Donovan and W. L. Kubach. 2,021,001; Nov. 12.
 Sealing machine. A. E. Schneider. 1,987,581; Jan. 8.
 Sealing machine and method. G. W. Mullen. 2,017,766; Oct. 15.
 Sealing means. W. M. Brooks. 1,999,718; Apr. 30.
 Sealing means. H. E. Johnson. 2,001,138; May 14.
 Sealing means. H. E. Johnson. 2,008,830; July 23.
 Sealing means. E. F. Loweke. 2,019,757; Nov. 5.
 Sealing means. J. W. Meckenstock. 2,013,499; Sept. 3.
 Sealing means. T. W. Rieke. 2,011,013; Aug. 15.
 Sealing means for containers. W. L. Snyder. 1,999,530; Apr. 30.
 Sealing means for electrolytic devices. F. D. Sprague and F. W. McNamara. 2,000,793; May 7.
 Sealing means for empty containers. H. A. Barnby. 2,018,005; Oct. 22.
 Sealing means for shafts. C. J. Coberly. 1,989,548; Jan. 29.
 Sealing means for sheet metal containers. E. Schmidt. 2,026,002; Dec. 31.
 Sealing means to containers. Applying. C. H. Brinton and G. Weiss. 2,022,633; Nov. 26.
 Sealing mediums from escape. Method of and apparatus for. G. B. Vroom. 1,997,613; Apr. 16.
 Sealing pad. H. M. Hanson. 2,012,876; Aug. 27.
 Sealing ring. F. B. Allen. 2,021,346; Nov. 19.
 Sealing ring. A. E. Jesser. 2,005,341; June 18.
 Sealing shoe for floating decks. A. A. Kramer. 1,994,477; Mar. 19.
 Sealing strip. G. W. Gail. 1,991,776; Feb. 19.
 Sealing strip. G. H. Schanz. 1,998,791; Apr. 23.
 Sealing strip. Bottom rail. H. D. Sevison. 2,020,581; Nov. 12.
 Sealing strip for waterless gas holders. F. Schürmann. 2,019,273; Oct. 29.
 Sealing structure. J. E. Padgett. 2,020,122; Nov. 5.
 Sealing system for reciprocating members. W. G. G. Godron. 1,988,727; Jan. 22.
 Sealing unit. J. D. Conti and E. M. Farris. 2,016,627; Oct. 8.
 Seals. Apparatus for loading and unloading fluid packed. E. Mendenhall, J. B. Van Horn, and C. J. Coberly. 2,020,512; Nov. 12.
 Seals. Making container. R. S. Westgate and H. C. A. Behr. 2,004,964; June 18.
 Seals. Method for producing gastight. H. S. Brinker and W. B. Thomas. 2,012,951; Sept. 3.
 Seals. Producing oil. E. H. Anderson. 2,013,333; Sept. 3.
 Seam. L. H. Talmadge. 1,992,680; Feb. 26.
 Seam and forming the same. Tailored French. C. Seaman. 1,994,966; Mar. 19.
 Seam construction. F. S. de Beer. 1,988,722; Jan. 22.
 Seam for bags. J. D. Cramer. 2,022,501; Nov. 26.
 Seam for metal structures. Sealed. W. Nelson. 2,013,666; Sept. 10.
 Seam for papermakers' drier felt. T. Hindle and S. Lord. 2,010,302; Aug. 6.
 Seam for sewed articles. W. E. LeRoy. 2,024,971; Dec. 17.
 Seam in a barrel or the like. Method and apparatus for forming a. J. J. McGarry. 2,015,804; Oct. 1.
 Seam lock for stove pipes. J. J. Holub. 2,006,863; July 2.
 Seam opening and wind-up device. P. Gardner and H. Gerstein. 1,988,241; Jan. 15.

- Seam-pressing and tape-applying machine, Combined. R. J. Holmes. 2,015,932; Oct. 1.
- Seam taping machine. P. L. O'Donnell. 2,008,085; July 16.
- Seam, Welded. C. C. Farmer. 2,024,686; Dec. 17.
- Seam welding apparatus, Electric. R. C. F. Kurtze. 2,006,835; July 2.
- Seam, Wire fabric. O. A. Abendroth. 2,025,491; Dec. 24.
- Seamer for cans, Hand. A. L. Kronquest. 2,023,598; Dec. 10.
- Seamer for cans, Hand. M. M. Sedwick. 2,005,640; June 18.
- Seaming and pinking machine, Combined. H. C. Moulton. 1,998,021; Apr. 16.
- Seaming and pinking machine, Combined. S. G. Tate. 1,998,030; Apr. 16.
- Seaming machine. A. G. Hopkins. 1,989,518; Jan. 29.
- Seaming mechanism. P. H. Lange. 1,996,381-2; Apr. 2.
- Seams, Apparatus for electrically welding. R. H. Dyer. 1,999,805; Apr. 30.
- Searchlight control mechanism. H. G. French. 2,021,720; Nov. 19.
- Searchlight director. P. R. Bassett and F. R. House. 2,003,661; June 4.
- Searchlight elevating mechanism. H. G. French. 1,987,438; Jan. 8.
- Searchlight reflector. M. Mannheim. 2,002,376; May 21.
- Seasoning means or condiment. E. Brust. 2,021,403; Nov. 19.
- Seat: *See*—
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| Adjustable sliding seat. | Reclining seat. |
| Adjustable window seat. | Resilient frame seat. |
| Aisle seat. | Slidable seat. |
| Audience seat. | Spring frame seat. |
| Automobile seat. | Table seat. |
| Auxiliary seat. | Tandem seat. |
| Chair seat. | Theatre seat. |
| Infant's toilet seat. | Tie-up seat. |
| Lavatory seat. | Toilet seat. |
| Ledge seat. | Valve seat. |
| Lubricant sealed seat. | Vehicle seat. |
| Pole seat. | Window seat. |
- Seat. E. A. Zundel. 2,008,379; July 16.
- Seat adjuster. S. K. Bishop. 2,001,999; May 21.
- Seat adjuster. S. Miller. 2,003,549; June 4.
- Seat adjusting mechanism. W. S. Saunders. 2,019,159; Oct. 29.
- Seat and back rest, Folding. R. T. Dorkins. 1,997,767; Apr. 16.
- Seat and instrument box, Rifleman's. J. F. Huff. 1,997,640; Apr. 16.
- Seat and the like, Yieldable. R. W. Sampson. 1,993,228; Mar. 5.
- Seat back operating mechanism. H. K. Jett and H. L. Showalter. 1,996,424; Apr. 2.
- Seat bottom for furniture. J. H. and H. H. Mulder. 2,016,018; Oct. 1.
- Seat-cabinet and table, Combination. J. Kupfer. 2,025,393; Dec. 24.
- Seat connecting device for school furniture. F. G. Yawman. 1,999,949; Apr. 30.
- Seat construction. B. S. Floraday. 1,987,331; Jan. 8.
- Seat construction. A. E. Wilkins. 2,021,120; Nov. 12.
- Seat construction, Adjustable. W. A. Gedris. 1,998,668; Apr. 23.
- Seat construction, Automobile. C. R. Lindsey. 2,006,506; July 2.
- Seat construction for automotive vehicles. H. A. Robinson, Sr. 2,009,016; July 23.
- Seat construction, Spring. W. Marshall. 2,022,892; Dec. 3.
- Seat control mechanism. A. T. Potter. 2,006,149; June 25.
- Seat cover holder. H. Thomasma. 2,002,721; May 28.
- Seat cover package rack. J. C. Thomasma. 1,987,723; Jan. 15.
- Seat covering device. J. Brueckl. 1,999,560; Apr. 30.
- Seat cushion cover. W. L. Fry and J. Bruckl. 1,996,575; Apr. 2.
- Seat enclosure, Rumble. R. C. Hulbert. 1,999,459; Apr. 30.
- Seat disappearing top, Rumble. G. A. Eno. 2,021,054; Nov. 12.
- Seat for car trucks, Lateral motion roller. F. L. Barber and E. W. Webb. 1,990,924; Feb. 12.
- Seat for tractors, Two-man. D. B. Baker, N. O. Panzegrav, and C. R. Rogers. 2,010,052; Aug. 6.
- Seat for use in road or rail vehicles. E. Bugatti. 2,004,850; June 11.
- Seat for vehicles, Adjustable. M. P. Browne. 1,987,431; Jan. 8.
- Seat having adjustable back. W. Glass. 2,010,429; Aug. 6.
- Seat lift for water closet bowl seats, Sanitary. G. F. Adams. 1,999,555; Apr. 30.
- Seat mechanism, Car. T. D. Owler and J. V. Conway. 2,016,119; Oct. 1.
- Seat or cover lifter. L. Giliasso. 2,011,404; Aug. 13.
- Seat or cushion. G. H. Gaston. 2,004,106; June 11.
- Seat pad, Universal. E. Wittcoff. 1,997,027; Apr. 9.
- Seat top, Removable rumble. E. S. Tupper. 2,002,514; May 28.
- Seating abutment for container carriers. G. H. Liebegott. 2,017,414; Oct. 15.
- Seats and covers, Construction for toilet. E. J. Nielsen. 2,021,425; Nov. 19.
- Seats, mattresses, and the like, Auxiliary construction for. J. L. McInerney. 2,012,575; Aug. 27.
- Secondary plug switch. E. S. Cornell and C. A. Koerner. 2,015,710; Oct. 1.
- Secondary rack. G. W. Brady. 2,008,744; July 23.
- Secretary. G. W. Hunter. 1,997,585; Apr. 16.
- Section for fences, etc., Hinged. W. L. Seay. 2,011,528; Aug. 13.
- Sectional boiler. H. A. Fischel. 2,014,171; Sept. 10.
- Sectional display case. R. P. Piperoux. 1,992,630; Feb. 26.
- Sectional reflector sign. J. T. Cochran. 1,990,223; Feb. 5.
- Sectional type case. S. H. Moore. 2,007,281; July 9.
- Securing device. L. Obstfeld. 1,989,769; Feb. 5.
- Securing device. F. E. Sinclair. 2,001,752; May 21.
- Securing device for convertible high chairs. E. L. Bolster. 2,004,648; June 11.
- Securing means for printing forms. H. C. Osborn. 2,012,972; Sept. 3.
- Securing members for self-supporting structural building units. G. F. Kotrbaty. 2,017,441; Oct. 15.
- Sediment separating trap. W. C. Craig. 1,992,472; Feb. 26.
- Sedimentation apparatus. H. Hardinge. 2,021,304; Nov. 19.
- Sedimentation from bottled liquids, Removing. P. B. Mills. 1,995,072; Mar. 19.
- Seed and plant protector. W. H. Naylor. 1,987,125; Jan. 8.
- Seed dispensing device for planters. G. M. Kriegbaum and C. C. Haas. 2,017,759; Oct. 15.
- Seed dusting machine. W. M. Hurst and F. D. Fulton. 2,026,499; Dec. 31.
- Seed harvesting machine. J. G. Peppard, Jr. 2,022,779; Dec. 3.
- Seed potato cutter. C. L. Butler. 1,990,774; Feb. 12.
- Seed removing and pulp compressing machine for fruits. W. W. Rowan. 2,010,467; Aug. 6.
- Seed sower, Clover. C. C. Baucum. 2,019,385; Oct. 29.
- Seed treatment. W. J. Sparks. 2,006,967; July 2.
- Seeding attachment for disk harrows. J. E. Kirk. 2,022,354; Nov. 26.
- Seeding machine. B. P. Johnson. 2,014,334; Sept. 10.
- Seedlings and germinated seeds without earth, Producing. H. Beck. 2,012,180; Aug. 20.
- Seesaw, Portable. E. Heinely. 1,992,825; Feb. 26.
- Segmental grinding wheel. F. W. Seybold. 1,989,215; Jan. 29.
- Segmental surfaces, Apparatus for grinding discontinuous. F. A. Ward. 1,987,222; Jan. 8.
- Segregate in ingots, Isolating the. G. A. Dornin. 2,021,227; Nov. 19.
- Seismic surveying. W. T. Born. 2,003,780; June 4.
- Seismic method for profiling geologic formations. B. McCollum. 2,021,943; Nov. 26.
- Seismic surveying. J. E. Owen. 2,018,737; Oct. 29.
- Seismograph, Compound. L. W. Blau, M. M. Slotnick, and L. Statham. 2,018,756; Oct. 29.
- Selecting and loading device, Automatic. S. A. Strickland. 2,015,573; Sept. 24.
- Selecting and printing mechanism. A. H. Reiber and W. J. Zenner. 1,989,710; Feb. 5.
- Selecting device. M. Steinberg. 2,018,038; Oct. 22.
- Selecting mechanism. H. L. Krum. 1,989,698; Feb. 5.
- Selecting system. H. E. Hershey. 1,986,972; Jan. 8.
- Selective dispatch and automatic deflector control. M. J. Anderson. 1,992,687; Feb. 26.
- Selective dispatch and automatic deflector control mechanism. M. J. Anderson. 1,992,686; Feb. 26.
- Selective switch. L. J. Bowne. 2,005,575; June 18.
- Selective system. J. L. Woodworth. 1,995,877; Mar. 26.
- Selector arrangement for the selective call of telephone subscriber stations for the private and official exchange. O. Moser. 1,992,389; Feb. 26.
- Selector, Combination. W. Parkinson. 2,011,500; Aug. 13.
- Selector for printing machines. J. Krell. 1,992,869; Feb. 26.
- Selector for radio receiving sets, Automotive time program. F. G. Siegel. 2,016,459; Oct. 8.
- Selector for radio sets, Program. L. Pasciutti and M. Sussi. 2,024,833; Dec. 17.
- Selenazoles and preparing them. L. G. S. Brooker and F. L. White. 2,005,411; June 18.
- Selenium containing anthraquinone compounds. I. Gubelman and W. L. Rintelman. 2,019,850; Nov. 5.
- Selenium, Recovering elementary. A. R. Lindblad. 2,010,870; Aug. 13.
- Selenocarbocyanine and preparing it. F. L. White. 1,990,681; Feb. 12.
- Self-acting regulator. K. H. Hubbard. 1,995,390; Mar. 26.
- Self-aligning bearing. E. A. Freed. 2,001,383; May 14.
- Self aligning bearing. E. P. Larsh. 2,011,493; Aug. 13.
- Self cleaning screen. J. E. Bower. 2,022,336; Nov. 26.
- Self-energizing brake. P. L. Stock. 2,020,809; Nov. 12.
- Self-feeding press. W. and J. P. Ferris, and G. L. Heiden. 2,019,848; Nov. 5.
- Self-inductance. M. Osnos. 1,996,823; Apr. 9.
- Self-lubricating bearing. C. W. Bennett and A. Swansen. 2,021,400; Nov. 19.
- Self-lubricating drill. A. Miltner. 2,007,031; July 16.

- Self-lubricating pump. H. R. Lafferty. 2,026,349; Dec. 31.
- Self priming pump. H. E. La Bour. 2,005,466; June 18.
- Self-priming pump, Centrifugal. H. E. Rupp. 2,002,454; May 21.
- Self sealing joint. M. Trudeau. 1,999,743; Apr. 30.
- Self-sealing receptacle. H. Hubbell, Jr. 1,989,693; Feb. 5.
- Self-sealing valve. N. Statham. 1,989,714-15; Feb. 5.
- Self-starting arc. C. Pfanstiehl. 2,009,903; July 30.
- Self-starting synchronous motor. C. Finch. 2,001,604; May 14.
- Self tying clip. E. C. Armstead. 2,004,456; June 11.
- Selvaged unwoven zizzag fabric. R. J. Southwell and T. H. Wickwire, Jr. 2,005,760; June 25.
- Semiabrasive fabric. D. J. Mayer. 2,001,281; May 14.
- Semi-automatic gear. G. F. Lundqvist. 2,021,071; Nov. 12.
- Semitrailer. J. S. Edwards. 1,998,001; Apr. 16.
- Semitrailer. W. T. Soulis. 2,010,969; Aug. 13.
- Semitrailer. S. B. Winn. 2,004,803; June 11.
- Sensitive control device. A. H. Lamb. 2,014,386; Sept. 17.
- Sensitive indicators, Method of and apparatus for controlling by. B. B. Holmes. 1,993,548; Mar. 5.
- Sensitive materials, Handling. F. R. Seavey and E. B. W. Kerone. 2,000,995; May 14.
- Sensitive relay device. A. H. Lamb. 2,014,388; Sept. 17.
- Sensitized photographic element and making same. L. D. Mannes and L. Godowsky, Jr. 1,996,928; Apr. 9.
- Separable connector. H. E. Walker. 1,985,963; Jan. 1.
- Separable end fastener members for multiple operated fasteners. G. Johnson. 2,015,035; Sept. 17.
- Separable fastener. J. A. Dahlin. 2,009,876; July 30.
- Separable fastener. W. L. Gilmore. 1,988,419; Jan. 15.
- Separable fastener. W. L. Gilmore. 1,991,321; Feb. 12.
- Separable fastener. A. D. Fannutti, Jr. 2,000,415; May 7.
- Separable fastener. G. G. Sabins. 2,001,942; May 21.
- Separable fastener. H. E. Sipe. 1,991,320; Feb. 12.
- Separable fastener. G. Sundback. 1,992,253; Feb. 26.
- Separable fastener. G. Sundback. 2,018,099; Oct. 22.
- Separable slide fastener. I. Greenberg. 1,993,297; Mar. 5.
- Separable snap fastener. M. F. Carr. 2,018,635; Oct. 22.
- Separate bodies, Joining. H. S. Van Patter. 1,989,953; Feb. 5.
- Separating apparatus and method. T. M. Edison. 2,009,609; July 30.
- Separating process. H. M. Chance. 2,022,585; Nov. 26.
- Separation and sorting. T. Braun and W. Vogt. 2,022,180; Nov. 26.
- Separation apparatus. G. H. McCoy, D. M. Wright, and J. P. Hall. 2,006,471; July 2.
- Separator: See—
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| Air separator. | Mineral separator. |
| Battery separator. | Oil and gas separator. |
| Centrifugal separator. | Oil, water, and gas separator. |
| Cream separator. | erator. |
| Duplex centrifugal separator. | Orac separator. |
| Egg separator. | Porous separator. |
| Envelope separator. | Sand and gas separator. |
| Grit separator. | Solution component separator. |
| Liquid and gas separator. | Soot separator. |
| Liquid separator. | Steam separator. |
| Magneto separator. | Storage battery separator. |
| Mechanical separator. | |
- Separator. J. H. Allison. 1,986,179; Jan. 1.
- Separator. F. Pardee and F. Pardee, Jr. 2,023,287; Dec. 3.
- Separator. E. C. Saint-Jacques. 2,015,464; Sept. 24.
- Separator. C. C. Stevens. 1,996,841; Apr. 9.
- Separator. J. C. White. 1,987,884; Jan. 15.
- Separator and closure for milk bottles, Combined cream. R. Kusche. 2,008,254; July 16.
- Separator and dehydrator, Combination high pressure. J. D. Brady. 2,009,646; July 30.
- Separator and heat exchanger, Combined. G. A. Worn. 2,003,815; June 4.
- Separator and method. A. J. Mason. 1,996,547; Apr. 2.
- Separator device. L. E. Rush. 2,018,901; Oct. 29.
- Separator for antifriction bearings. F. G. Hughes. 1,996,809; Apr. 9.
- Separator for heat exchangers. R. C. McAllister. 2,015,490; Sept. 24.
- Separator for liquids having different specific gravities. H. A. Thompson. 2,002,253; May 21.
- Separator for storage batteries and making the same. C. D. Galloway. 2,026,030; Dec. 31.
- Separator system. H. H. Bubar. 2,013,644; Sept. 10.
- Separator valve, Oil and gas. C. E. Painter. 1,994,660; Mar. 19.
- Series oscillator. A. Nyman. 2,006,872; July 2.
- Serum and preparing it. G. H. Bailey. 1,988,680; Jan. 22.
- Server, Citrus fruit. H. Hargreaves. 2,015,142; Sept. 24.
- Server, Lump sugar. K. M. Shankland. 2,013,901.
- Service continuity by high speed reclosing, Obtaining. S. B. Griscom. 2,005,140; June 18.
- Service drop connector and system. E. A. Mack. 2,019,149; Oct. 29.
- Service observation system. L. H. Allen and R. F. Massoneau. 2,017,644; Oct. 15.
- Service observing system for telephone exchanges. H. E. Phelps. 1,996,213; Apr. 2.
- Service station. G. S. Crown. 2,021,544; Nov. 19.
- Service station. H. C. Johnson. 2,002,777; May 28.
- Service station dispatch board. C. A. Lilly and J. E. Mills. 1,989,237; Jan. 29.
- Service station, Portable. H. T. McGaughan and W. R. Ransom. 1,989,940; Feb. 5.
- Serving apparatus. J. Demos. 1,992,861; Feb. 26.
- Serving head. C. B. Fantone and R. M. Jameson. 2,002,225; May 21.
- Servo-brake. G. P. Piganeau. 2,009,275; July 23.
- Servo-clutch. E. E. Wemp. 2,022,019; Nov. 26.
- Servo-mechanism. H. C. Edwards. 2,005,971; June 25.
- Servo mechanism. R. C. Russell. 1,993,980; Mar. 12.
- Servo mechanism. L. M. Woolson. 2,012,861; Aug. 27.
- Servomotor, Double acting. F. W. Davis. 2,007,423; July 9.
- Set-up container. S. N. Leopold and H. K. Powell. 2,014,901; Sept. 17.
- Settee and bed structure, Combination. J. J. Wilkinson. 1,997,028; Apr. 9.
- Setting head for machines for the grinding of worms. G. Lechesne. 2,023,329; Dec. 3.
- Setting system for watches. S. Mathez. 2,012,965; Sept. 3.
- Setting tool. L. M. Pearce. 1,992,236; Feb. 26.
- Settling apparatus and method. J. A. Mackillican. 2,013,105; Sept. 3.
- Settling, Method and apparatus for. J. T. Worthington. 2,001,809; May 21.
- Settling tank. L. Andrews. 1,995,559; Mar. 26.
- Severing and collating means. W. F. Grupe. 2,012,561; Aug. 27.
- Sewage aeration. F. A. Downes, A. J. Fischer, and N. B. Lund. 1,994,887; Mar. 19.
- Sewage aerating apparatus. E. H. Hautz. 2,023,924; Dec. 10.
- Sewage and disposal of same, Clarification of. J. Schaaf. 2,022,901; Dec. 3.
- Sewage, Apparatus and system for treating. W. C. Laughlin. 2,008,507; July 16.
- Sewage chlorination. H. J. Pardee. 2,013,577; Sept. 3.
- Sewage digestion. A. J. Fischer and N. B. Lund. 1,989,589; Jan. 29.
- Sewage disposal for public carriers. G. F. Cox. 1,996,325; Apr. 2.
- Sewage filtering apparatus. W. H. Foster. 2,014,431; Sept. 17.
- Sewage, garbage, etc., Drying and incinerating of. D. Baird. 2,015,051; Sept. 17.
- Sewage or similar material, Treating. H. J. Hartley. 2,015,052; Sept. 17.
- Sewage purification. A. L. Genter. 1,999,973; Apr. 30.
- Sewage purifying device. H. E. Elrod. 2,024,345; Dec. 17.
- Sewage sludge, Treating wet. H. J. Stehl. 2,026,366; Dec. 31.
- Sewage sludge treatment. A. J. Fischer. 1,997,252; Apr. 9.
- Sewage, Treating. J. G. Bevan. 2,021,679; Nov. 19.
- Sewage, Treating and purifying. M. M. Koller and M. L. Miller. 1,997,302; Apr. 9.
- Sewage treating process. C. C. Hays. 1,991,896; Feb. 19.
- Sewage treatment. A. J. Fischer. 1,986,332; Jan. 1.
- Sewage treatment, Apparatus for and method of. A. C. Durdin, Jr. 2,024,986; Dec. 17.
- Sewer construction. G. E. Bradbeer. 2,012,495; Aug. 27.
- Sewer pipe body, Fire-clay. W. K. Carter and G. H. Duncombe, Jr. 2,019,619; Nov. 5.
- Sewing machine. F. Ashworth. 1,990,161; Feb. 5.
- Sewing machine. F. Ashworth. 2,011,604; Aug. 20.
- Sewing machine. F. Ashworth. 2,015,654-5; Oct. 1.
- Sewing machine. F. Ashworth. 2,022,754; Dec. 3.
- Sewing machine. A. Bates. 1,996,399; Apr. 2.
- Sewing machine. R. Becker. 1,997,993; Apr. 16.
- Sewing machine. L. O. Bouchard. 2,023,868; Dec. 10.
- Sewing machine. A. W. Bradbury and R. E. Hood. 2,001,298; May 14.
- Sewing machine. N. V. Christensen. 1,995,092; Mar. 19.
- Sewing machine. N. V. Christensen. 1,999,893; Apr. 30.
- Sewing machine. A. B. Clayton. 1,996,040; Mar. 26.
- Sewing machine. C. E. Colegrove. 2,007,560; July 9.
- Sewing machine. D. L. Conner. 1,997,103; Apr. 9.
- Sewing machine. T. H. De Spain. 2,003,879; June 4.
- Sewing machine. H. Duke. 2,025,652; Dec. 24.
- Sewing machine. G. M. Eames. 2,005,673; June 18.
- Sewing machine. A. Eppler. 2,013,751; Sept. 10.
- Sewing machine. G. A. Fleckenstein. 2,016,938; Oct. 8.
- Sewing machine. G. I. Goldwyn and N. Waldman. 2,013,884; Sept. 10.
- Sewing machine. I. Gonyk. 2,009,998; Aug. 6.
- Sewing machine. J. Gouldbourn and T. A. Kestell. 1,991,456; Feb. 19.
- Sewing machine. F. Jenni. 2,007,863; July 9.
- Sewing machine. F. A. Kucera. 2,011,491; Aug. 13.
- Sewing machine. F. Lutz. 2,014,687; Sept. 17.
- Sewing machine. M. McCann. 1,987,964; Jan. 15.
- Sewing machine. A. S. Mitchell. 2,024,802; Dec. 17.
- Sewing machine. C. W. Mueller. 1,989,602; Jan. 29.
- Sewing machine. W. Pearson. 2,003,461; June 4.
- Sewing machine. J. H. Pikul. 2,021,636; Nov. 19.
- Sewing machine. F. Ricks. 1,999,302; Apr. 30.
- Sewing machine. F. Ricks, H. E. Elliott and F. C. Choice. 2,000,613; May 7.
- Sewing machine. C. F. Rubel. 2,002,799; May 28.
- Sewing machine. G. Sauer. 2,009,747; July 30.

- Sewing machine. R. B. Thompson. 2,008,116; July 16.
 Sewing machine. F. G. Tillett. 2,007,819; July 9.
 Sewing machine. A. R. Wood. 1,999,986; Apr. 30.
 Sewing machine. W. J. Workman. 2,016,354; Oct. 8.
 Sewing machine attachment. C. Seaman. 1,994,965; Mar. 19.
 Sewing machine attachment or accessory. F. W. Merri-
 rick. 1,989,489; Jan. 29.
 Sewing machine, Automatic. I. F. Webb. 2,024,120;
 Sewing machine, Blind stitch. C. W. Mueller. 1,988,563;
 Jan. 22.
 Sewing machine, Blind stitch. A. Strobel. 1,994,117;
 Mar. 12.
 Sewing machine, Blind stitch. A. Strobel. 1,998,341;
 Apr. 16.
 Sewing machine, Book. P. A. Frazier. 2,009,172; July 23.
 Sewing machine, Button. H. W. Morris. 2,009,560;
 July 30.
 Sewing machine, Buttonhole. C. A. C. Grip. 2,020,779;
 Nov. 12.
 Sewing machine, Buttonhole. J. Pikul. 1,988,460; Jan.
 22.
 Sewing machine, Buttonhole. F. A. Reece. 1,991,627;
 Feb. 19.
 Sewing machine, Chain stitch. M. McCann. 1,988,502;
 Jan. 22.
 Sewing machine, Electrically lighted. J. W. Dawson.
 2,007,794; July 9.
 Sewing machine, Eyelet. A. R. Wood. 1,991,972; Feb.
 19.
 Sewing machine feed mechanism. R. K. Hohmann.
 2,012,606; Aug. 27.
 Sewing machine, Feed-off-arm. W. Myers. 1,999,978;
 Apr. 30.
 Sewing machine for and method of forming stitching.
 J. A. Goodman. 2,012,560; Aug. 27.
 Sewing machine for comfortables and similar articles.
 J. L. Miller. 1,997,779; Apr. 16.
 Sewing machine for seaming hems, Blind stitch. C. W.
 Mueller. 2,018,186; Oct. 22.
 Sewing machine for stitching multiple seams. J. P. Wels.
 2,003,672; June 4.
 Sewing machine head, Electrically lighted. R. F. List.
 2,001,966; May 21.
 Sewing machine hemmer. C. B. Hinds. 1,990,284; Feb. 5.
 Sewing machine, Inseam shoe. A. Eppler. 1,990,537;
 Feb. 12.
 Sewing machine, Lock-stitch. H. Corral and J. Heggie.
 2,002,172; May 21.
 Sewing machine, Lockstitch. F. Ricks and H. E. Elliott.
 2,000,254; May 7.
 Sewing machine, Lock stitch. G. Sauer. 2,009,327-8;
 July 23.
 Sewing machine, Multiple needle. C. F. Rubel. 1,995,078;
 Mar. 19.
 Sewing machine, Multiple needle. W. D. Suenders.
 2,009,752; July 30.
 Sewing machine, Outsole shoe. F. Ashworth. 2,003,526;
 June 4.
 Sewing machine, Sack. F. Ebert. 2,023,316; Dec. 3.
 Sewing machine, Shoe. A. Bates and F. C. Choice.
 2,002,136; May 21.
 Sewing machine, Shoe. A. W. Bradbury. 2,009,871;
 July 30.
 Sewing machine, Shoe. R. E. Hopkins. 2,010,719;
 Aug. 6.
 Sewing machine, Shoe. O. F. Hoppe. 2,001,308; May 14.
 Sewing machine, Shoe. C. C. Sheffield and G. Clarke.
 2,001,289; May 14.
 Sewing machine, Shoe. C. F. Whitaker. 2,003,026; May
 28.
 Sewing machine throat-plate. G. M. Eames. 2,024,435;
 Dec. 17.
 Sewing machines, Adjustable felling device for. B. M.
 Krell. 2,007,539; July 9.
 Sewing machines, Attachment for. J. D. Karle. 1,997,419;
 Apr. 9.
 Sewing machines, Attachment for. J. D. Karle. 2,003,200;
 May 28.
 Sewing machines, Binder for. R. J. Sailer. 2,026,484;
 Dec. 10.
 Sewing machines, Binder support for. F. A. Kucera.
 2,001,446; May 14.
 Sewing machines, Cloth plate for. R. Mackay, Jr.
 1,998,880; Apr. 23.
 Sewing machines, Differential feeding mechanism for. W.
 Myers. 1,988,806; Jan. 22.
 Sewing machines, Edge guide for. C. F. Rubel. 2,003,470;
 June 4.
 Sewing machines, Edge shearing device for. B. Pugach.
 2,021,700; Nov. 19.
 Sewing machines, Feed reversing mechanism for. S.
 Lasztochy. 2,005,656; June 18.
 Sewing machines, Feeding mechanism for. N. V. Chris-
 tensen. 2,018,439; Oct. 22.
 Sewing machines, Feeding mechanism for. A. B. Clay-
 ton. 2,007,139; July 2.
 Sewing machines, Feeding mechanism for. N. Knaus.
 1,987,196; Jan. 8.
 Sewing machines, Feeding mechanism for. C. F. Rubel.
 1,990,616; Feb. 12.
 Sewing machines, Feeding mechanism for. C. F. Rubel
 and G. Sauer. 1,995,945; Mar. 26.
 Sewing machines, Feeding mechanism for. C. C. Smith.
 1,992,781; Feb. 26.
 Sewing machines, Feeding mechanisms for. G. M. Eames.
 2,024,434; Dec. 17.
 Sewing machines, Folder support for. R. J. Sailer.
 1,986,363; Jan. 1.
 Sewing machines, Folding guide for. R. J. Sailer.
 1,988,140; Jan. 15.
 Sewing machines, Hemmer for. G. C. Cooper. 2,026,302;
 Dec. 31.
 Sewing machines, Hemstitching attachment for. H. M.
 Greist and G. L. Hinman. 1,986,056; Jan. 1.
 Sewing machines, Loooper mechanism for. H. F. Gruman.
 2,003,882; June 4.
 Sewing machines, Loooper mechanism for. F. A. Kucera.
 2,022,938; Dec. 3.
 Sewing machines, Loop-taker for. G. A. Fleckenstein.
 2,009,292; July 23.
 Sewing machines, Loop-taker for. H. J. Goosman.
 2,015,472; Sept. 24.
 Sewing machines, Loop-taker for. H. Gunther.
 1,996,290; Apr. 2.
 Sewing machines, Motor-support and bobbin-winder of.
 G. M. Eames. 2,018,624; Oct. 22.
 Sewing machines, Needle-vibrating mechanism for. G. M.
 Eames. 1,997,411; Apr. 9.
 Sewing machines, Needle-vibration controlling mechanism
 for zigzag-stitch. A. Tiesler. 2,014,916; Sept. 17.
 Sewing machines, Ornamental stitch attachment for. V.
 J. Sigoda. 2,010,648; Aug. 6.
 Sewing machines, Piping attachment for. A. Jekulaitis.
 2,006,243; June 25.
 Sewing machines, Plait-forming mechanism for. H. Cor-
 rall and J. Heggie. 1,989,051; Jan. 22.
 Sewing machines, Presser-foot for. J. D. Karle. 2,003,665;
 June 4.
 Sewing machines, Presser-foot for. R. J. Sailer. 2,015,463;
 Sept. 24.
 Sewing machines, Presser-foot lifting mechanism for. P.
 Hieb. 2,009,194; July 23.
 Sewing machines, Presser foot, work holder, and actuating
 means therefor. A. Rosenthal. 1,998,885; Apr. 23.
 Sewing machines, Rib-tip attachment for. J. Levin.
 2,025,598; Dec. 24.
 Sewing machines, Ring shuttle reel for. A. Mygland.
 2,002,609; May 28.
 Sewing machines, Rotary hook and bobbin-case device for.
 C. A. Kessler. 1,995,278; Mar. 19.
 Sewing machines, Rotary hook for. G. W. Wesson.
 2,019,284; Oct. 29.
 Sewing machines, Sewing mechanism for. A. Chittl.
 1,996,324; Apr. 2.
 Sewing machines, Stitch-forming mechanism for. A. Grieb.
 1,988,789; Jan. 22.
 Sewing machines, Stop-motion device for. M. McCann.
 2,005,679; June 18.
 Sewing machines, Stopping mechanism for. A. R. Mor-
 rill. 1,990,796; Feb. 12.
 Sewing machines, Tension indicator for. J. Hutton.
 1,996,964; Apr. 9.
 Sewing machines, Thread controller for. C. F. Rubel.
 1,988,051; Jan. 15.
 Sewing machines, Thread controller for. C. F. Rubel.
 2,019,097; Oct. 29.
 Sewing machines, Thread-controlling device for. F. M.
 Card. 2,026,494; Dec. 31.
 Sewing machines, Thread take-up for. P. Kuhlrig.
 2,025,754; Dec. 31.
 Sewing machines, Trimming attachment for. A. H. Weis.
 1,997,617; Apr. 16.
 Sewing machines, Trimming mechanism for. J. M. Wash-
 burn. 2,017,382; Oct. 15.
 Sewing machines, Trimming mechanism for. J. P. Wels.
 1,998,111; Apr. 16.
 Sewing machines, Tufting attachment for. J. G. Russell.
 2,004,834; June 11.
 Sewing machines, Turfing mechanism for. E. E. Boyce.
 2,004,687; June 11.
 Sewing machines, Universal work holder for button. M.
 McCann. 1,998,587; Apr. 23.
 Sewing machines, Work folding and guiding device for.
 J. E. Ackerman and F. M. Card. 1,987,384; Jan. 8.
 Sewing machines, Work supporting means for. C. A. Dear-
 born. 2,000,929; May 14.
 Sewing mechanism. B. F. Everitt. 1,989,919; Feb. 5.
 Sex hormones and a compound of a sex hormone with
 an alkaloid. Extracting. F. Johannessohn and E. Ra-
 bald. 2,005,700; June 18.
 Shackle. L. H. Dyer. 2,010,853; Aug. 13.
 Shackle device. J. R. Chamberlain. 2,006,439; July 2.
 Shackle joint. H. C. Lord. 1,991,254; Feb. 12.
 Shade. S. W. Sher. 1,989,384; Jan. 29.
 Shade and blind, Combination window. J. P. Arms.
 1,987,657; Jan. 15.
 Shade and curtain bracket, Combined. N. C. Russell.
 2,012,482; Aug. 27.
 Shade fixture, Window. W. H. Dollinger. 1,998,777;
 Apr. 23.
 Shade fixture, Window. W. H. Dollinger. 2,001,603;
 May 14.
 Shade, Lamp. A. L. Hazelton. 1,986,059; Jan. 1.
 Shade, Lamp. W. T. Partridge. 1,998,769; Apr. 23.
 Shade, Lamp. E. Schwarz. 1,992,777; Feb. 26.
 Shade, Light. P. Ceasar. 1,989,440; Jan. 29.
 Shade, Mirror lamp. B. Matenszczyk. 1,996,584; Apr. 2.
 Shade or curtain fixture. S. F. Gill. 1,996,615; Apr. 2.
 Shade roller. F. J. Burns. 2,024,142; Dec. 17.

- Shade roller. J. Fehan. 2,025,656; Dec. 24.
 Shade roller operating mechanism. C. Wheeler. 2,017,484; Oct. 15.
 Shade, Rotary lamp. L. T. Levy. 2,008,791; July 23.
 Shade stop. H. H. Ilch. 1,988,948; Jan. 22.
 Shade, Venetian window. P. E. Joseph. 2,010,396; Aug. 6.
 Shade, Ventilating window. O. P. Cadmus. 2,024,090; Dec. 10.
 Shade, Window. H. H. Collins. 1,997,484; Apr. 9.
 Shade, Window. S. J. Johnson. 2,021,106; Nov. 12.
 Shading ring induction motor. E. D. Lilja. 1,992,956; Mar. 5.
 Shadow box. J. J. Wolf. 1,988,765; Jan. 22.
 Shadow tuning indicator. U. L. Smith. 1,997,702; Apr. 16.
 Shadow tuning instrument. R. G. Arey. 2,014,960; Sept. 17.
 Shaft and making same. C. T. Fletcher. 1,994,069; Mar. 12.
 Shaft and ratchet locking means. V. H. Harbert. 2,017,123; Oct. 15.
 Shaft bearing. J. H. Doran. 2,004,783; June 11.
 Shaft bearing. O. U. Zerk. 1,987,093; Jan. 8.
 Shaft connecting mechanism. O. K. Haselau. 2,011,147; Aug. 13.
 Shaft connection, Universal. P. F. Sharpe. 2,000,997; May 14.
 Shaft coupling. R. R. Glen. 2,022,909; Dec. 3.
 Shaft coupling. G. I. Hipple. 1,986,437; Jan. 1.
 Shaft coupling, Elastic. L. Thiry. 2,004,712; June 11.
 Shaft coupling for automatically variable speed ratios, particularly for motor cars. V. Toncich. 1,990,212; Feb. 5.
 Shaft coupling, Speed controlled. R. Lang. 1,999,364; Apr. 30.
 Shaft, Flexible. H. Goldberg. 1,995,421; Mar. 26.
 Shaft, Flexible. J. A. Kennedy. 1,999,051; Apr. 23.
 Shaft, Flexible. J. B. Whitted. 2,012,842; Aug. 27.
 Shaft for golf clubs and the like. H. G. Barrett. 1,987,044; Jan. 8.
 Shaft for golf clubs or the like, Metal. E. G. Livesay. 2,008,077; July 16.
 Shaft for golf clubs, Steel. R. J. Gibson. 2,023,131; Dec. 3.
 Shaft, Hollow. C. L. Ritchie. 2,008,423; July 16.
 Shaft, Insulated and fluid cooled. N. B. Ornitz. 2,025,547; Dec. 24.
 Shaft journal and bearing therefor, Resilient. L. Q. Moffitt. 2,004,506; June 11.
 Shaft mounting, Vertical. F. E. Glatt and G. E. Glatt. 2,012,714; Aug. 27.
 Shaft seal construction. J. A. Olson. 2,023,206; Dec. 3.
 Shaft suspension. C. H. Patten. 2,018,467; Oct. 22.
 Shafting and producing same, Flexible. R. C. Angell. 1,990,514; Feb. 12.
 Shafting, Fabrication of flexible. R. C. Angell and F. L. O. Wadsworth. 2,006,333; July 2.
 Shafting, Flexible. C. Fischer. 1,995,420; Mar. 26.
 Shafting for power transmission. H. Junkers. 1,990,606; Feb. 12.
 Shafting, Manufacture of flexible. R. C. Angell and F. L. O. Wadsworth. 2,002,479; May 21.
 Shafting, Protected. G. C. Davis. 2,023,266; Dec. 3.
 Shafts, Balancing of tubular. W. E. Sparrow. 2,017,609; Oct. 15.
 Shafts, Sinking. K. A. Berlin and S. A. Burmistrov. 2,014,163; Sept. 10.
 Shake-out apparatus for foundry flasks. W. F. Piper. 2,004,292; June 11.
 Shaker, Advertising condiment. E. N. Sarber. 2,000,419; May 7.
 Shaker, Beverage. J. H. Blood. 2,008,812; July 23.
 Shaker, Cocktail. R. N. Kircher. 2,010,725; Aug. 6.
 Shaker, Cocktail. F. W. Rettenmeyer. 2,013,616; Sept. 3.
 Shaker, Combination salt and pepper. D. F. Affolter. Des. 94,721; Mar. 5.
 Shaker, Combined salt and pepper. A. H. Bomberger. 2,000,818; May 7.
 Shaker conveyor. E. R. Bergmann. 2,014,610; Sept. 17.
 Shaker conveyor. R. Moore. 1,997,495; Apr. 9.
 Shaker, Drink. H. A. Werfel. 2,013,617; Sept. 3.
 Shaker rack. L. H. Fontan. 1,992,657; Feb. 26.
 Shaker top. L. W. Shields. 2,011,122; Aug. 13.
 Shaker, Twin salt and pepper. A. D. Paschos. 1,986,011; Jan. 1.
 Shaking mechanism. T. W. Hall and A. Leggett. 2,016,006; Oct. 1.
 Shaking mechanism for can filling machines. F. L. Cocks. 2,010,220; Aug. 6.
 Shaking screen. D. M. Blackburn. 2,009,219; July 23.
 Shampoo and massage device. E. J. Blanks. 2,023,394; Dec. 10.
 Shampoo fixture. E. A. Eckhouse. 2,002,630; May 28.
 Shank collar for boxing, drilling, punching and like tools, and in appliances for attaching the same. H. Kohlen. 1,989,171; Jan. 29.
 Shank reinforcement for shoes. F. D. Fowler. 1,998,867; Apr. 23.
 Shank stiffener and adjustable metatarsal support. D. Sherman. 2,018,386; Oct. 22.
 Shank stiffener with attaching means. S. M. Nickerson. 1,990,247; Feb. 5.
 Shape rolling. H. P. Ingram. 1,994,711; Mar. 19.
 Shaped pieces from annular blanks, Device for the manufacture of. F. im. Schlaa. 1,986,072; Jan. 1.
 Shaping apparatus. G. E. Disney. 1,989,474; Jan. 29.
 Shaping sticks of paint and similar purposes, Device for. D. Gamard. 2,013,538; Sept. 3.
 Sharp freezing container. J. M. Kisselle. 2,025,290; Dec. 24.
 Sharpener. P. G. Nelson. 1,987,348; Jan. 8.
 Sharpener, Cutlery. A. Till. 2,009,420; July 30.
 Sharpener, Cutter. M. H. Hill. 2,005,142; June 18.
 Sharpener device. C. C. Harper. 2,025,237; Dec. 24.
 Sharpener device, Razor blade. A. Ruckgaber. 1,986,603; Jan. 1.
 Sharpener, Drill. G. C. Pearson. 2,001,689; May 14.
 Sharpener for fabric cutting machines, Knife. A. Simon. 2,010,967; Aug. 13.
 Sharpener, Hollow drill. H. I. Lewis and F. W. Seybold. 2,005,827; June 25.
 Sharpener, Knife. H. J. Edlund. 1,990,117; Feb. 5.
 Sharpener, Lawn mower. C. C. Creed. 2,023,759; Dec. 10.
 Sharpener, Lawn mower. F. G. Grantham. 2,016,777; Oct. 8.
 Sharpener, Lawn mower. J. Gross. 1,987,557; Jan. 8.
 Sharpener, Lawn mower. A. Licht. 1,999,635; Apr. 30.
 Sharpener, Lawn mower. T. M. Patterson. 1,999,847; Apr. 30.
 Sharpener, Pencil. I. E. Cohn and W. E. Tait. 2,018,297; Oct. 22.
 Sharpener, Pencil. H. L. Stover. 1,989,432; Jan. 29.
 Sharpener, Razor blade. J. J. Cronan. 2,010,141; Aug. 6.
 Sharpener, Razor blade. A. J. Dremel. 1,995,536; Mar. 26.
 Sharpener, Razor blade. J. Holtzman. 2,008,211; July 16.
 Sharpener, Razor blade. W. Luxmore. 2,008,025; July 16.
 Sharpener, Razor blade. M. Tollins. 2,000,800; May 7.
 Sharpener, Razor blade. J. B. Walsh. 2,018,985; Oct. 29.
 Sharpener, Reamer. H. W. Zimmerman. 2,002,971; May 28.
 Sharpener, Safety blade. R. H. White. 2,005,210; June 18.
 Sharpener, Safety razor blade. J. Gell. 2,011,680; Aug. 20.
 Sharpener, Scissors. A. E. and W. J. Rainey. 2,002,868; May 28.
 Sharpener, Self contained electric knife. L. C. Hobart and K. F. Lees. 2,024,860; Dec. 17.
 Sharpener, Tailor's chalk. V. Rago. 2,022,299; Nov. 26.
 Sharpener, Tool. J. B. Anderson. 2,009,389; July 30.
 Sharpening device. F. E. Broberg. 2,019,471; Oct. 29.
 Sharpening device. F. Liggieri. 2,000,141; May 7.
 Sharpening device for razor blades. R. P. Harshberger. 2,011,279; Aug. 13.
 Sharpening device for safety razor blades. C. E. Beardsley. 1,988,474; Jan. 22.
 Sharpening mechanism. L. V. Aronson. 1,996,788; Apr. 9.
 Sharpening or honing apparatus for razor blades. G. Barsch. 1,997,508; Apr. 9.
 Sharpening tool. C. T. Rottler. 1,997,183; Apr. 9.
 Shaving and hair-cutting apparatus. R. Heimers. 2,014,067; Sept. 10.
 Shaving apparatus. C. M. Alm. 2,012,703; Aug. 27.
 Shaving equipment. L. S. Chadwick. 1,996,405; Apr. 2.
 Shaving outfit. E. Hoddersen. 2,022,508; Nov. 26.
 Shaving preparation. G. D. Gettemuller and S. L. Goldheim. 1,991,501; Feb. 19.
 Shear. A. D. Evans. 2,014,248; Sept. 10.
 Shear. C. E. Moore. 2,025,418; Dec. 24.
 Shear and the like, Power. F. E. Munschauer. 1,992,539; Feb. 26.
 Shear device. F. Winterkamp. 1,986,699; Jan. 1.
 Shear, Flying. J. Hahn. 1,996,617; Apr. 2.
 Shear, Flying. E. T. Peterson. 1,988,215; Jan. 15.
 Shear, Rotary flying. D. W. Dean. 1,991,083; Feb. 12.
 Shear, Up-cut. F. A. Beatty. 2,000,314; May 7.
 Shearing apparatus. L. Iversen, R. E. Noble, and C. E. Bedell. 2,009,695; July 30.
 Shearing, Apparatus for. L. Iversen. 1,999,838; Apr. 30.
 Shearing device for chain link forming machines. F. E. Stahl. 1,990,571; Feb. 12.
 Shearing machine. R. T. Hazelton. 2,024,287; Dec. 17.
 Shearing machine for marble making machines or the like. R. U. Adams and C. Hibbs. 1,993,235; Mar. 5.
 Shearing mechanism. G. L. Winters. 2,020,491; Nov. 12.
 Shearing, Method and apparatus for. L. Iversen. 2,007,533; July 9.
 Shears. E. C. Lambert. 2,009,502; July 30.
 Shears. E. H. Langbein. 2,000,852; May 7.
 Shears. E. H. Simonsen and C. M. Rutledge. 1,987,375; Jan. 8.
 Shears. A. W. Soderberg. 1,986,685; Jan. 1.
 Shears. F. M. Whyte. 2,010,576; Aug. 6.
 Shears, Florist's. H. M. Wheeler. 2,012,648; Aug. 27.
 Shears, Hedge. P. S. and T. S. Vosbikian. 2,005,694; June 18.
 Shears, Mechanical movement. R. Noske. 2,020,567; Nov. 12.
 Shears, Pruning. O. Fowler. 2,006,133; June 25.
 Shears, Pruning. W. R. Smith. 1,995,044; Mar. 19.
 Shears, Rotary. F. E. Kling. 2,017,366; Oct. 15.
 Shears, Trimming. J. Ciccio. 1,993,360; Mar. 5.
 Sheath for radiators and the like. F. W. Hvorslef. 2,001,876; May 21.
 Sheath insulator. E. D. Ebb. 1,995,884; Mar. 26.
 Sheathing for beams, Reinforcement of. A. W. Forster. 2,020,407; Nov. 12.

- Sheave. H. A. Feldbush. 2,008,300; July 16.
 Sheave block. W. H. McKissick. 1,994,024; Mar. 12.
 Shedding motion. G. Goodline. 1,995,146; Mar. 19.
 Sheet and folding the same, Folded. S. Shapiro. 1,996,307; Apr. 2.
 Sheet and making same, Waterproof. L. Kirschbraun. 1,988,126; Jan. 15.
 Sheet and preparing the same, Decorated and saturated. R. G. Jackson. 2,011,149; Aug. 13.
 Sheet and preparing the same, Decorated and saturated. R. G. Jackson and J. T. Baldwin. 2,011,150; Aug. 13.
 Sheet, Cementitious. R. Dorn and M. Willis. 2,004,935; June 18.
 Sheet constructions, Manufacture of thermoplastic. P. R. Zinser. 1,999,796; Apr. 30.
 Sheet, Decorative. R. G. Jackson. 1,998,781; Apr. 23.
 Sheet delivery device for cylinder printing presses. R. Stüssi. 2,025,481; Dec. 24.
 Sheet delivery mechanism for printing presses. H. M. Barber. 1,997,290; Apr. 9.
 Sheet delivery mechanism for printing presses. H. M. Barber. 2,001,295-6; May 14.
 Sheet delivery mechanism of printing machines. F. Spence. 1,996,981; Apr. 9.
 Sheet fastening device. W. W. Karlen. 1,987,012; Jan. 8.
 Sheet feed device. O. Kleinschmit and O. Müller. 2,014,181; Sept. 10.
 Sheet feed for autographic registers, Summary. F. E. Pfeiffer. 1,990,534; Feb. 12.
 Sheet feeder. F. R. Belluche. 2,016,479; Oct. 8.
 Sheet feeder. E. W. and F. R. Belluche. 1,997,850; Apr. 16.
 Sheet feeder. H. Ehlig. 2,005,079; June 18.
 Sheet feeder. H. Ehlig. 2,010,586; Aug. 6.
 Sheet feeding and stencil printing apparatus. H. P. Elliott. 1,990,534; Feb. 12.
 Sheet feeding apparatus. A. Broadmeyer. 1,995,631; Mar. 26.
 Sheet feeding device. A. Wormser. 2,011,744; Aug. 20.
 Sheet feeding device for cylinder printing presses. R. Stüssi. 2,007,886; July 9.
 Sheet feeding, folding, and gluing mechanism. E. G. Staudé. 2,008,049; July 16.
 Sheet feeding mechanism. H. Hallstream. 2,012,448; Aug. 27.
 Sheet flasher for taking photographs. Y. Yamaguchi and H. Nakazawa. 2,003,660; June 4.
 Sheet folding machine. J. H. Roberts and C. V. Achauer. 1,989,857; Jan. 8.
 Sheet folding mechanism. R. C. Flynt. 2,000,636; May 7.
 Sheet form holder. K. R. Dencklau. 2,014,104; Sept. 10.
 Sheet gripping device. F. R. Belluche. 2,024,140; Dec. 17.
 Sheet handling apparatus. M. Mandusic. 2,010,732; Aug. 6.
 Sheet handling arrangement in stitching machines, Automatic. O. Kleinschmit and O. Müller. 2,017,282; Oct. 15.
 Sheet-handling device in book-stitching machines. O. Kleinschmit and R. Klemm. 1,994,613; Mar. 19.
 Sheet handling machine. F. W. Barkley. 1,986,671; Jan. 1.
 Sheet handling machine. P. R. Whelan. 2,017,191; Oct. 15.
 Sheet lapping machine. A. Broadmeyer. 1,994,012; Mar. 12.
 Sheet magazine for printing presses. A. and E. Kluge. 1,994,652; Mar. 19.
 Sheet making machine. C. Paulsen. 2,013,579; Sept. 3.
 Sheet, Master. R. V. Graves. 2,016,599; Oct. 8.
 Sheet material and preparing the same, Decorative. R. G. Jackson. 1,998,780; Apr. 23.
 Sheet material and roll for producing same, Manufacture of embossed. F. D. Fowler. 1,988,787; Jan. 22.
 Sheet material, Apparatus for drying. R. M. Smith. 2,002,720; May 28.
 Sheet material, Apparatus for forming. F. A. Parkhurst. 1,993,349; Mar. 5.
 Sheet material, Apparatus for saturating. G. P. Heppes. 2,023,019; Dec. 3.
 Sheet material, Apparatus for winding. M. M. Kasanof. 2,007,150; July 2.
 Sheet material, Composite. J. H. Victor, Jr. 1,997,987; Apr. 16.
 Sheet material, Cutting. O. W. Lewis and J. Durst. 1,994,776; Mar. 19.
 Sheet material, Drying of. G. A. Schettler. 2,000,991; May 14.
 Sheet material, Feeding. A. Wormser. 2,008,165; July 16.
 Sheet material for curing and protecting concrete and making same. E. H. Angier. 2,003,988; June 4.
 Sheet material, Laminated. B. Asnes. 2,020,928; Nov. 12.
 Sheet material, Laminated. A. Abrams. P. L. Anthony. G. J. Brabender, and W. H. Graebner. 1,986,954; Jan. 8.
 Sheet material, Mitering. C. J. Du Brul. 2,000,634; May 7.
 Sheet material on a flat support for printing or other purposes, Method of and apparatus for mounting. J. S. Wheelwright and G. H. Abell. 2,017,706; Oct. 15.
 Sheet metal box. J. M. Shields. 2,023,973; Dec. 10.
 Sheet metal case. L. H. Walker and D. E. Hunter. 1,987,784; Jan. 15.
 Sheet metal container. J. M. Hothersall. 2,010,023; Aug. 6.
 Sheet metal drawing machine. E. H. Fabrice. 1,987,101; Jan. 8.
 Sheet metal forming machine. J. L. Simmons. 2,025,360; Dec. 24.
 Sheet metal press. F. J. Rode. 1,986,410; Jan. 1.
 Sheet metal press. F. J. Rode and M. R. Hatch. 2,018,576; Oct. 22.
 Sheet metal receptacle. J. Stanitz and G. D. Boyer. 2,005,641; June 18.
 Sheet of fibrous material, Method and apparatus for continuously conditioning a. A. F. Karlson and T. Francis. 1,992,753; Feb. 26.
 Sheet of unvulcanized rubber to a portion of a fabric upper, Securing a preformed and continuous. I. and L. Dorogl. 2,002,527; May 28.
 Sheet of veneer. F. Ovenhausen. 1,992,715; Feb. 26.
 Sheet or film and making same, Regenerated cellulose. D. W. Losee. 2,025,000; Dec. 17.
 Sheet piler. J. E. Graf and W. A. Marshall. 2,017,044; Oct. 15.
 Sheet piling. J. Jensen. 2,018,446; Oct. 22.
 Sheet piling mechanism. W. F. Conklin, H. S. Hopkins and J. M. Hover. 2,000,273; May 7.
 Sheet pulling device. D. G. Davies. 1,997,134; Apr. 9.
 Sheet-register. C. W. Harrold. 1,988,791; Jan. 22.
 Sheet registering mechanism for printing machines. W. K. Eckhard. 2,016,277; Oct. 8.
 Sheet rolling mill, Automatic. A. G. Delany and G. N. Hughes. 2,010,715; Aug. 6.
 Sheet separating and conveying device. G. Spliss. 2,000,261; May 7.
 Sheet separating combing wheel. F. L. Cross. 1,996,277; Apr. 2.
 Sheet separating device. L. Trompier. 1,991,989; Feb. 19.
 Sheet sorting means. A. Rosenthal. 2,013,220; Sept. 3.
 Sheet stacker. A. Olson and W. Holms. 1,991,028; Feb. 12.
 Sheet, Transfer. E. Hano. 2,001,960; May 21.
 Sheet turning device. E. Olson. 2,011,231; Aug. 13.
 Sheeting, Antistatic thin. A. D. Slack and A. A. Young. 2,011,348; Aug. 13.
 Sheeting, Composite. H. A. Levey. 2,012,344; Aug. 27.
 Sheeting including imbibition, Making cellulose nitrate. E. K. Carver and C. L. A. Wynd. 2,010,354; Aug. 13.
 Sheeting, Moistureproof cellulose acetate. N. F. Beach and J. G. McNally. 2,019,648; Nov. 5.
 Sheets, Apparatus for the manufacture of cementitious. R. Dorn and M. Willis. 2,011,439; Aug. 13.
 Sheets, Apparatus for treating. R. M. Fenton. 1,995,382; Mar. 26.
 Sheets, Feeding. B. D. Stevens. 1,991,003; Feb. 12.
 Sheets, Finishing metallic. L. Schulte. 2,023,904; Dec. 10.
 Sheets from a rolling mill, Method and apparatus for separating. C. E. Bowron and A. G. Delany. 1,989,735; Feb. 5.
 Sheets from stacks thereof, Method of and apparatus for separating. J. P. Remington. 2,003,698; June 4.
 Sheets, Making cementitious. R. Dorn and M. Willis. 2,011,440; Aug. 13.
 Sheets, Making vitreous enamel coated. J. C. Eckel. 1,998,045; Apr. 16.
 Sheets, Method of and apparatus for grinding and polishing flexible. L. Schulte. 1,998,770; Apr. 23.
 Sheets of caseinates, Coated transparent. R. L. Jenkins. 2,010,517; Aug. 6.
 Sheets of cellulose, Manufacture of thin. F. A. Parkhurst and G. J. Esselen. 2,002,711; May 28.
 Sheets of fibrous materials, Treatment of. A. Valentin. 2,024,616; Dec. 17.
 Sheets of paper, envelopes, and the like to typewriting machines, Feeding. L. Armanni. 2,011,991; Aug. 20.
 Sheets of sensitized paper, Method and apparatus for developing and treating. K. Murck. 2,014,744; Sept. 17.
 Sheets, Producing composite. C. B. Bailey. 2,019,474; Nov. 5.
 Sheets to duplicating machines, Attachment for applying master. J. W. Hernlund. 2,026,038; Dec. 31.
 Sheets to folding machines, Apparatus for feeding. O. Kleinschmit, W. Geissler, and W. A. Schmidt. 2,023,531; Dec. 10.
 Sheets, Treating galvanized. G. R. Hoover and W. E. Marshall. 1,989,925; Feb. 5.
 Shelf. I. D. Hoover. 2,010,990; Aug. 13.
 Shelf. C. A. Johns. 2,005,372; June 18.
 Shelf, Bottle. H. W. Avery. 2,018,002; Oct. 22.
 Shelf clamp. C. A. Hollander. 2,020,890; Nov. 12.
 Shelf construction. J. R. Replogle. 1,997,432; Apr. 9.
 Shelf or step display. H. Ziemmerman. 1,987,567; Jan. 8.
 Shelf, Reinforced metal. J. H. Ford. 2,011,357; Aug. 13.
 Shelf, Refrigerator. J. B. Whitted. 2,015,389; Sept. 24.
 Shelf, Sliding. E. L. Betts. 2,008,091; July 16.
 Shelf structure, Refrigerator. N. W. Schmidt. 2,008,315; July 16.
 Shelf support. H. R. Klaudt. 2,010,596; Aug. 6.
 Shelf supporting means. R. F. Howell. 1,996,515; Apr. 2.
 Shelf, Telephone. E. L. Early. 2,001,324; May 14.
 Shelf trimming. M. Caplan. 1,997,278; Apr. 9.
 Shelving. J. E. Bales. 1,990,629; Feb. 12.
 Shelving. F. A. Donnelly and J. E. Blanthorn. 2,026,223; Dec. 31.
 Shelving. H. J. Onions and R. E. Sandberg. 2,005,593; June 18.
 Shelving. F. A. Saaf. 1,990,756; Feb. 12.

- Shelving construction. A. H. Levene and D. A. Carlson. 1,996,518; Apr. 2.
- Shelving construction, Display. S. Goldman. 1,997,726; Apr. 16.
- Shelving device. O. E. Fredin. 2,016,194; Oct. 1.
- Shelving for ovens, refrigerators, and like compartments. C. T. Hatch. 1,989,275; Jan. 29.
- Shelving, Knockdown. C. G. Mayrose. 1,990,046; Feb. 5.
- Shelving unit. E. E. Davies. 1,989,849; Feb. 5.
- Shell and making same, Shot. E. L. Johnson. 2,023,888; Dec. 10.
- Shell dispenser. F. A. Dodge. 1,988,190; Jan. 15.
- Shell, High explosive. F. Robertson. 2,007,026; July 2.
- Sheller, Corn. A. B. Dieterich. 1,992,476; Feb. 26.
- Sheller, Pea. J. A. and E. V. Galley. 2,004,573; June 11.
- Shells from sheet metals, Process and apparatus for making tubular. B. Benedict. 1,999,229; Apr. 30.
- Shellac composition containing a polycarboxylic organic acid or its anhydride. W. H. Gardner. 2,010,227; Aug. 6.
- Shellac composition containing dicyandiamides. W. H. Gardner. 2,010,224; Aug. 6.
- Shellac compositions for molding, Obtaining improved. W. H. Gardner. 1,994,071; Mar. 12.
- Shellac solution for the production of etched photographic printing forms and preparing it. M. Thimann. 2,005,060; June 18.
- Shellac substitute, Manufacture of a. J. Hyman. 2,008,103; July 16.
- Shellac sulphonic acid composition. W. H. Gardner. 2,010,225; Aug. 6.
- Shelter. H. M. Roth. 2,006,655; July 2.
- Shield. B. H. Caldwell. 1,988,717; Jan. 22.
- Shield. C. P. Kessler. 2,011,718; Aug. 20.
- Shield, Back bar. A. P. Ferguson, and B. M. Short. 2,010,071-2; Aug. 6.
- Shield, Battery. C. C. Douglas. 1,999,870; Apr. 30.
- Shield, Dress. H. V. Marsh. 2,005,232; June 18.
- Shield, Dress. J. Rath. 2,023,183; Dec. 3.
- Shield, Ear. J. Beck. 2,021,144; Nov. 19.
- Shield, Expansion. R. E. McIntosh. 2,010,553; Aug. 6.
- Shield, Eye. W. K. Price. 2,002,098; May 21.
- Shield, Fire plug. M. Wolfson. 1,999,920; Apr. 30.
- Shield for automobiles, Weather. A. E. Zimmerman. 1,986,700; Jan. 1.
- Shield for beauty work, Forehead. C. E. McNutt. 2,023,279; Dec. 3.
- Shield for electrical conductors. W. E. Boyle and G. M. Van Lear. 1,986,181; Jan. 1.
- Shield for furnace tubes. G. Potts. 1,993,283; Mar. 5.
- Shield for radio and like apparatus. H. P. Pratt. 2,026,060; Dec. 31.
- Shield for rear vision mirrors, Glare. H. H. Hoile. 1,994,648; Mar. 19.
- Shield, Forehead. T. A. and M. Horn. 2,023,683; Dec. 10.
- Shield, Friction-clamped glare. F. Rabbitt. 1,988,511; Jan. 22.
- Shield from rear view mirrors, Antiglare. G. Burlein. 1,990,222; Feb. 5.
- Shield, Frost. J. R. Thorp. 2,002,722; May 28.
- Shield, Fuel pump. R. H. Kentfield. 1,990,125; Feb. 5.
- Shield, Glare. R. C. Jacobs. 1,995,772; Mar. 26.
- Shield, Glare. J. Kitchin. 2,020,033; Nov. 5.
- Shield, Guy. E. St. John. 2,003,959; June 4.
- Shield, Lip. J. Y. Rally. 2,023,900; Dec. 10.
- Shield, Operating an automotive vehicle antiglare. H. J. Hacker. 2,013,560; Sept. 3.
- Shield or cover plate for vehicle wheels. H. J. Horn. 2,006,639; July 2.
- Shield or protector. S. B. Featherston. 2,012,871; Aug. 27.
- Shield, Protective. S. Russell. 2,020,702; Nov. 12.
- Shield, Radiator. L. W. Hoelsche. 2,025,107; Dec. 24.
- Shield, Spark plug. R. T. Hurley. 2,015,477; Sept. 24.
- Shield, Spark plug. R. L. Shumaker. 1,988,859; Jan. 22.
- Shield, Vent. C. A. Flanagan. 2,018,714; Oct. 29.
- Shield, Window draft. C. A. Anderson. 2,016,764; Oct. 8.
- Shield, Wood cigar. J. B. Back. 2,022,641; Nov. 26.
- Shielding system for radioreceiver equipped vehicles. A. S. Simsack. 1,999,118; Apr. 23.
- Shift control for telegraph printers. R. F. Dirkes. 2,003,177; May 28.
- Shift mechanism. H. Benzing. 2,008,383; July 16.
- Shifting means for rotatable elements. H. R. Blair. 1,996,318; Apr. 2.
- Shim. W. Keim. 1,997,384; Apr. 9.
- Shingle. R. W. Clough. 2,005,335; June 18.
- Shingle. D. Finley. 2,007,710; July 9.
- Shingle. M. L. Hamlin. 2,019,701; Nov. 5.
- Shingle. N. P. Harshberger. 1,993,163; Mar. 5.
- Shingle. H. H. Honigbaum. 2,024,861; Dec. 17.
- Shingle. A. Horowitz. 1,997,381; Apr. 9.
- Shingle. D. B. Humphrey. 2,018,722; Oct. 29.
- Shingle. E. C. Matthews and L. M. Clary. 2,004,879; June 11.
- Shingle, Cement. C. Dietrichs. 2,004,465; June 11.
- Shingle, Composition. N. P. Harshberger. 1,993,165; Mar. 5.
- Shingle cutting and punching machine. W. H. Washburn. 1,987,455; Jan. 8.
- Shingle element. N. P. Harshberger. 2,018,718; Oct. 29.
- Shingle element. H. L. Levin. 2,013,352; Sept. 3.
- Shingle elements, Method of and apparatus for treating. J. L. Wettlauffer. 2,011,098; Aug. 13.
- Shingle gauge. P. Steien. 2,004,839; June 11.
- Shingle guide. W. Leonard. 1,989,141; Jan. 29.
- Shingle method. E. J. Buczkowski. 2,000,557; May 7.
- Shingle of the wide-spaced type. C. R. Eckert. 2,013,556; Sept. 3.
- Shingle sawing machine. J. T. Quigg. 2,025,474; Dec. 24.
- Shingle, Siding. C. P. Cowan. 2,012,709; Aug. 27.
- Shingle strip. M. W. Searis. 2,013,391; Sept. 3.
- Shingles and composition therefor, Treating asphalt. L. A. Fry. 2,000,226; May 7.
- Shingles, Apparatus for forming. E. J. Buczkowski. 2,010,425; Aug. 6.
- Shingles, Dipping asphalt. E. Goodwin. 2,015,929; Oct. 1.
- Shingles, Forming. E. J. Buczkowski. 2,023,990; Dec. 10.
- Shingling. M. C. Smith. 1,987,133; Jan. 8.
- Ship and ship construction. E. Schneider. 2,022,056; Nov. 26.
- Ship construction. L. Y. Spear. 1,989,176; Jan. 29.
- Ship propulsion automatic stability control. R. E. Hellmund and A. D. Forbes. 2,005,894; June 25.
- Ship propulsion control, Turbo-electric. W. Schaelchlin. 2,008,404; July 16.
- Ship propulsion stability indication and control. W. Schaelchlin and A. D. Forbes. 2,011,655; Aug. 20.
- Ship propulsion system. J. Baasch. 2,006,337; July 2.
- Ship propulsion system, Electric. H. J. Coates. 2,009,576; July 30.
- Shipment blocking means. L. E. Wenham. 1,999,852; Apr. 30.
- Shipping and accounting device, Continuous-form. H. C. Tobey. 2,024,785; Dec. 17.
- Shipping and cooling container. E. J. Sabbath and P. R. Finch. 1,989,339; Jan. 29.
- Shipping and display container. W. A. Ringler. 2,023,242; Dec. 3.
- Shipping and display container, Combined. C. S. Andrews. 1,988,104; Jan. 15.
- Shipping and storage container. A. G. Ceely. 2,015,419; Sept. 24.
- Shipping box, Flap locking. C. H. Goodyear. 1,986,145; Jan. 1.
- Shipping case. C. D. Fallert. 2,022,191; Nov. 26.
- Shipping case. O. A. McRill and F. M. Lappin. 1,994,108; Mar. 12.
- Shipping case. H. E. Rue and E. Nordstrom. 2,000,192; May 7.
- Shipping case. M. W. Swaim. 2,024,075; Dec. 10.
- Shipping container. O. M. Babcock. 1,991,071; Feb. 12.
- Shipping container. J. H. Conway and F. J. Hamlin. 2,026,417; Dec. 31.
- Shipping container. R. Faries and J. B. McWilliams. 2,002,570; May 28.
- Shipping container. M. Foshee. 1,997,138; Apr. 9.
- Shipping container. M. Foshee. 2,024,035; Dec. 10.
- Shipping container. E. S. Gomes. 2,013,346; Sept. 3.
- Shipping container. M. Koppelman and B. E. Silbert. 2,012,132; Aug. 20.
- Shipping container. J. C. Miller. 2,024,801; Dec. 17.
- Shipping container. A. L. Rosenmund. 2,022,980; Dec. 3.
- Shipping container, Metal bound. N. T. MacKenzie. 1,988,323; Jan. 15.
- Shipping container, Returnable. R. C. Bender. 2,002,625; May 28.
- Shipping package. E. S. Gomes. 1,997,968; Apr. 16.
- Ships, Apparatus for driving and steering. F. Rank. 1,999,255; Apr. 30.
- Ships, Device for hauling up, etc. F. Duwe. 1,994,696; Mar. 19.
- Ships, Device for indicating the position of. A. P. Davis. 2,022,275; Nov. 26.
- Ship's light. F. M. Burgis. 2,018,295; Oct. 22.
- Ships under assumed loads, Apparatus for graphically ascertaining the stability and trim of. S. B. Ralston. 2,023,548; Dec. 10.
- Shirring device. C. Seaman. 2,025,530; Dec. 24.
- Shirt. L. Pines. 1,999,915; Apr. 30.
- Shirt and collar. S. Schwartz. 1,996,932; Apr. 9.
- Shirt and collar. T. L. Shepherd. 2,023,390-1; Dec. 3.
- Shirt and invisible suspenders, Combination. A. Leighton. 1,986,508; Jan. 1.
- Shirt and method for attaching labels thereto. J. Friedmann. 1,990,278; Feb. 5.
- Shirt and shorts, Combination dress. H. D. Halley. 2,010,393; Aug. 6.
- Shirt and shorts, Combined. B. F. Hall. 1,987,009; Jan. 8.
- Shirt and suspenders, Combination. H. Davitt. 1,990,403; Feb. 5.
- Shirt, Baby's. J. M. Austin. 1,998,040; Apr. 16.
- Shirt board. L. D. Becht. 2,004,362; June 11.
- Shirt cuff and method and apparatus for making it. E. V. Tolen and C. B. Harbtreit. 2,019,104; Oct. 29.
- Shirt folding board. J. W. Steele. 2,010,333; Aug. 6.
- Shirt, Man's. R. Tucker. 2,025,485; Dec. 24.
- Shirt, Man's and boy's outer. A. P. Rowan. 2,011,325; Aug. 13.
- Shock absorber. H. E. Bucklen and J. N. Mahoney. 2,003,823; June 4.
- Shock absorber. B. Bugatti. 2,010,623; Aug. 6.
- Shock absorber. R. S. Carter. 2,018,051; Oct. 22.
- Shock absorber. W. A. Chryst. 2,006,789; July 2.
- Shock absorber. W. B. Clifford. 1,993,703; Mar. 5.
- Shock absorber. W. Doty. 1,992,569; Feb. 26.

- Shock absorber. O. Erlandsen, Jr. 1,988,194; Jan. 15.
 Shock absorber. M. L. Fox. 2,013,880; Sept. 10.
 Shock absorber. F. D. Funston. 1,992,525-6; Feb. 26.
 Shock absorber. F. D. Funston. 2,025,199; Dec. 24.
 Shock absorber. W. M. Glezen. 2,009,980; May 28.
 Shock absorber. J. W. Gray. 2,000,132; May 7.
 Shock absorber. A. Holmstrom. 1,996,154; Apr. 2.
 Shock absorber. A. W. Kettle and W. Doty. 1,988,690; Jan. 22.
 Shock absorber. C. H. Kindl and E. F. Rossman. 2,015,453; Sept. 24.
 Shock absorber. G. J. Koebl. 1,996,999; Apr. 9.
 Shock absorber. E. L. Kunze. 2,001,202; May 14.
 Shock absorber. L. L. Lomar. 2,002,700; May 28.
 Shock absorber. B. L. Mallory. 1,990,997; Feb. 12.
 Shock absorber. B. L. Mallory. 2,000,086; May 7.
 Shock absorber. C. J. Martin and H. J. Nimzik. 2,009,091; July 23.
 Shock absorber. T. McLeod. 2,019,620; Nov. 5.
 Shock absorber. R. H. Moulton. 2,015,757-9; Oct. 1.
 Shock absorber. R. H. Moulton. 2,018,312; Oct. 22.
 Shock absorber. J. M. Nalle. 1,992,232; Feb. 26.
 Shock absorber. G. R. Pennington. 2,009,678; July 30.
 Shock absorber. R. F. Peo. 2,004,960; June 18.
 Shock absorber. E. F. Rossman. 1,989,498; Jan. 29.
 Shock absorber. E. F. Rossman. 2,004,539; June 11.
 Shock absorber. E. F. Rossman and C. H. Kindl. 1,995,901; Mar. 26.
 Shock absorber. E. W. Seabolt. 2,023,034; Dec. 3.
 Shock absorber. L. Simon and R. Marcon. 2,009,749; July 30.
 Shock absorber. S. Smith. 2,002,100; May 21.
 Shock absorber. J. Sneed. 2,023,650; Dec. 10.
 Shock absorber. J. R. Snyder. 1,999,307; Apr. 30.
 Shock absorber. J. R. Snyder. 2,011,460; Aug. 13.
 Shock absorber. J. B. Whitted. 2,011,837; Aug. 20.
 Shock absorber. J. B. Whitted. 2,013,904; Sept. 10.
 Shock absorber. N. Wyeth. 1,995,910; Mar. 26.
 Shock absorber adjustment. J. F. Page. 1,999,474; Apr. 30.
 Shock absorber, Arm. B. L. Mallory. 2,021,658; Nov. 19.
 Shock absorber control device. L. Simon. 1,986,375; Jan. 1.
 Shock absorber, Direct acting. J. M. Nickelsen. 2,004,380; June 11.
 Shock absorber for automobiles, Hydraulic. H. Höme. 2,002,397; May 21.
 Shock absorber for motor vehicles. L. A. Bartlett. 2,005,838; June 25.
 Shock absorber for motor vehicles. A. Muller. 1,987,411; Jan. 8.
 Shock absorber for motor vehicles. G. R. Pennington. 2,009,676-7; July 30.
 Shock absorber for spring suspended road vehicles. E. Wieland. 2,023,943; Dec. 10.
 Shock absorber, Fluid type. W. C. Robbins. 2,025,423; Dec. 24.
 Shock absorber, Hydraulic. M. Fieldman. 1,991,201; Feb. 12.
 Shock absorber, Hydraulic. M. Fieldman. 2,004,911; June 11.
 Shock absorber, Hydraulic. M. L. Fox and F. E. Ullery. 2,004,752; June 11.
 Shock absorber, Hydraulic. M. Houdaille. 2,019,974; Nov. 5.
 Shock absorber, Hydraulic. R. F. Peo. 2,004,903; June 11.
 Shock absorber, Hydraulic. R. F. Peo. 2,004,905; June 11.
 Shock absorber, Hydraulic. R. F. Peo. 2,005,750; June 25.
 Shock absorber, Hydraulic. R. F. Peo. 2,021,428; Nov. 19.
 Shock absorber, Hydraulic. R. F. Peo and C. F. Lautz. 2,004,902; June 11.
 Shock absorber, Hydraulic. R. F. Peo and J. Sullivan. 2,004,904; June 11.
 Shock absorber, Inertia controlled. T. R. Varnell. 1,991,265; Feb. 12.
 Shock absorber, Inertia controlled hydraulic. M. Feldman. 2,004,910; June 11.
 Shock absorber starting device. W. Lingo. 1,990,295; Feb. 5.
 Shock absorber, Torque. J. N. Ice. 2,010,489; Aug. 6.
 Shock absorber, Torsional. McG. E. Tate. 2,006,578; July 2.
 Shock absorber, Wire line. E. E. Duff. 2,003,255; May 28.
 Shock absorbing and stabilizing structure, Combined. J. Konopka. 2,002,402; May 21.
 Shock-absorbing apparatus. G. M. Cross. 1,986,186; Jan. 1.
 Shock absorbing device. T. W. Shutz. 1,988,342; Jan. 15.
 Shock absorbing mechanism. P. Munson. 2,008,332; July 16.
 Shock absorbing mechanism for vehicles. J. C. Lumbers. 2,013,566; Sept. 3.
 Shock absorbing mechanism, Friction. G. Q. Lewis. 2,010,095; Aug. 6.
 Shock compressing attachment for grain shockers. A. P. Lofstrand. 2,002,408; May 21.
 Shoe. B. Ratterman. 1,987,279; Jan. 8.
 Shoe. W. H. Baynard. 1,995,831; Mar. 26.
 Shoe. D. J. Calderazzo. 2,022,488; Nov. 26.
 Shoe. L. B. Carpenter and W. I. Barnes. 1,989,970; Feb. 5.
 Shoe. H. Cochran. 2,020,240; Nov. 5.
 Shoe. A. Cohn. 1,993,208; Mar. 5.
 Shoe. J. J. and C. L. Daly. 2,025,647-8; Dec. 24.
 Shoe. J. E. Disch. 1,989,613; Jan. 29.
 Shoe. J. H. Everston. 2,001,821; May 21.
 Shoe. G. Ferguson and W. R. Hickler. 2,009,291; July 23.
 Shoe. W. H. French. 2,012,188; Aug. 20.
 Shoe. J. M. Guy. 1,995,506; Mar. 26.
 Shoe. P. T. Johnson. 2,021,067; Nov. 12.
 Shoe. J. A. Lussier. 2,004,897; June 11.
 Shoe. S. J. Meyer. 2,004,823; June 11.
 Shoe. C. Miller. 2,021,192; Nov. 19.
 Shoe. A. M. Mondl. 2,011,230; Aug. 13.
 Shoe. G. E. Musebeck. 2,014,628; Sept. 17.
 Shoe. J. Sandler. 2,005,007; June 18.
 Shoe. A. H. Tupper. 2,011,695; Aug. 20.
 Shoe. W. C. Tyrrell. 2,019,587; Nov. 5.
 Shoe. F. P. Wagner. 2,005,071; June 18.
 Shoe. E. W. Ward. 2,004,802; June 11.
 Shoe. E. C. Williams. 2,022,554; Nov. 26.
 Shoe, Adjustable. J. M. Affronte. 2,009,684; July 30.
 Shoe, Adjustable cultivating and furrowing. J. J. Crawford. 2,010,979; Aug. 13.
 Shoe and arch supporter therefor. C. H. Daniels. 2,008,060; July 16.
 Shoe and cleat, Football. H. G. Powning. 2,009,947; July 30.
 Shoe and innersole and making the same. W. E. Woodman. 2,021,163; Nov. 19.
 Shoe and making same. W. H. Bain. 2,004,425; June 11.
 Shoe and making same. C. Tweedie. 1,988,146; Jan. 15.
 Shoe and making same. A. Q. Williams. 2,010,168; Aug. 6.
 Shoe and making the same. A. F. Bancroft. 1,996,317; Apr. 2.
 Shoe and making the same. A. J. Brauer and F. P. Wagner. 2,018,510; Oct. 22.
 Shoe and making the same. K. Engel. 2,013,341; Sept. 3.
 Shoe and making the same. K. Engel. 2,022,760; Dec. 3.
 Shoe and making the same. J. S. Kamborian. 1,989,279; Jan. 29.
 Shoe and making the same. J. S. Kent, Jr. 2,024,167; Dec. 17.
 Shoe and making the same. J. Lo Burgio. 2,008,916; July 23.
 Shoe and making the same. F. J. MacDonald. 2,022,967; Dec. 3.
 Shoe and making the same, Welt. F. Maccarone. 2,012,914; Aug. 27.
 Shoe and sole therefor. H. Westling. 1,989,902; Feb. 5.
 Shoe and the manufacture thereof. J. Cavanagh. 2,004,236; June 11.
 Shoe and the manufacture thereof. G. Goddu. 1,986,723; Jan. 1.
 Shoe and the manufacture thereof. M. H. Randall. 2,005,048; June 18.
 Shoe attachment for arch supports. G. W. Grabb. 2,000,591; May 7.
 Shoe bag. E. G. Gebelein. 1,997,637; Apr. 16.
 Shoe bottoms, Apparatus for marking. W. C. Baxter. 1,998,484; Apr. 23.
 Shoe bottoms, Apparatus for use in applying pressure to. R. N. Sandberg. 2,005,754; June 25.
 Shoe buffing machine. F. Ricks and C. T. Jones. 2,008,797; July 23.
 Shoe channeling and grooving machine. G. Gregoire. 2,001,720; May 21.
 Shoe cleaning and polishing machine. M. H. Thornton. 2,004,640; June 11.
 Shoe cleaning machine. E. Meyer. 1,993,220; Mar. 5.
 Shoe construction. H. B. Cockrum. 2,007,157; July 9.
 Shoe construction. A. G. Etchhorn. 2,023,671; Dec. 10.
 Shoe construction. V. H. Moss. 2,025,521; Dec. 24.
 Shoe construction. I. Pignatelli. 1,993,113; Mar. 5.
 Shoe construction, Foot corrective. E. M. Sabiston and T. A. Chester. 1,996,215; Apr. 2.
 Shoe-conveying system. A. R. Schoenky. 2,001,750; May 21.
 Shoe counter. A. C. Engel. 1,990,275; Feb. 5.
 Shoe counter. A. C. Engel. 2,002,093; May 21.
 Shoe cover. R. L. Moehling. 2,017,507; Oct. 15.
 Shoe, Covered shank. C. Miller. 2,016,903; Oct. 8.
 Shoe display device. W. J. De Witt. 2,007,037; July 2.
 Shoe-end lasting machine. W. Müller. 1,999,545; Apr. 30.
 Shoe, Exercising. R. A. Wood. 1,990,970; Feb. 12.
 Shoe filler composition and method of making. H. H. Beckwith. 2,025,432; Dec. 24.
 Shoe filler unit, Magazine. C. F. Eaton. 2,000,321; May 7.
 Shoe finishing machine. A. Klos. 2,006,953; July 2.
 Shoe for airfoils, Abrasion. H. E. Waner. 2,013,323; Sept. 3.
 Shoe for horses and like animals. E. Eichenauer. 1,995,844; Mar. 26.
 Shoe for ironing machines. W. J. McCaughan. 2,024,939; Dec. 17.
 Shoe for well casings, Set. C. E. Burt. 1,995,469; Mar. 26.
 Shoe guide and bull plug for well casings, Combined. R. C. Baker. 1,994,846; Mar. 19.
 Shoe harbor. I. S. Kochheiser. 1,991,947; Feb. 19.
 Shoe-heel-conveying machine. P. J. Mischong, P. Parr, and J. W. Oberbeck. 2,019,269; Oct. 29.
 Shoe heel construction. T. Werkman. 1,993,425; Mar. 5.

- Shoe, Hockey. C. I. Johnson. 1,986,580; Jan. 1.
 Shoe holder. T. Crocella. 2,011,437; Aug. 13.
 Shoe insole. N. Elkin. 2,018,710; Oct. 29.
 Shoe insole layer. J. Blumenfeld. 1,994,681; Mar. 19.
 Shoe lace. C. Czajkowski. 2,018,054; Oct. 22.
 Shoe last. G. C. Clark. 1,994,568; Mar. 19.
 Shoe last. G. Gerencsér. 1,991,386; Feb. 19.
 Shoe last. H. S. Konheim. 2,016,146; Oct. 1.
 Shoe last. Metal articulated. G. C. Clark. 1,994,569; Mar. 19.
 Shoe lasting and sole applying apparatus. Combined. J. Funck and A. W. Dunn. 2,008,788; July 23.
 Shoe lasting machine. P. M. Miller. 2,025,998; Dec. 31.
 Shoe lasting mechanism. G. W. Miller. 2,012,634; Aug. 27.
 Shoe lasts. Apparatus for casting jointed. G. C. Clark. 1,994,573; Mar. 19.
 Shoe lengthening tool. J. Ventola. 1,990,679; Feb. 12.
 Shoe machine. M. H. Ballard. 2,014,462; Sept. 17.
 Shoe machine. L. E. Topham. 1,993,634; Mar. 5.
 Shoemaking. A. Bates. 1,993,954; Mar. 12.
 Shoemaking. R. H. Lawson. 2,010,092; Aug. 6.
 Shoemaking. W. J. Smith and A. R. O'Key. 1,986,946; Jan. 8.
 Shoe making method. F. Maccarone. 1,988,281-2; Jan. 15.
 Shoe making method. F. Maccarone. 2,012,915; Aug. 27.
 Shoemaking method. F. Maccarone. 2,019,459; Oct. 29.
 Shoemaking method and means therefor. F. Maccarone. 2,012,913; Aug. 27.
 Shoemaking stand. P. Rostkowski. 1,990,418; Feb. 5.
 Shoe manufacture. V. H. Moss. 2,011,071; Aug. 13.
 Shoe marking machine. B. W. Freeman. 2,001,019; May 14.
 Shoe-nail for mountain boots. F. Genecand. 1,997,110; Apr. 9.
 Shoe pad. J. W. Smith. 1,986,124; Jan. 1.
 Shoe part ornamenting machine. A. W. Altwater. 2,013,679; Sept. 10.
 Shoe parts. Apparatus for operating upon. J. B. Coffey. 1,989,682; Feb. 5.
 Shoe parts. Measuring. A. J. Brauer. 2,009,472; July 30.
 Shoe parts. Method of and apparatus for ornamenting. B. W. Freeman. 1,990,592; Feb. 12.
 Shoe parts. Method of and machine for operating upon. W. R. Pratt. 2,020,433; Nov. 12.
 Shoe parts. Method of and machine for performing operations upon. R. E. Duplessis. 2,000,936; May 14.
 Shoe plate. I. Jaffe and L. G. Dingeldey. 2,006,503; July 2.
 Shoe plate tool. B. B. West. 2,020,389; Nov. 12.
 Shoe. Pneumatic. L. W. Simlster. 2,004,906; June 11.
 Shoe press. A. G. Siegfried. 2,019,696; Nov. 5.
 Shoe press. J. O. Yunker. 2,011,430; Aug. 13.
 Shoe press pad. W. C. Card, Jr. 2,005,177; June 18.
 Shoe pressing apparatus. W. S. Ashton. 1,988,772; Jan. 22.
 Shoe pressing machine. R. F. McClenathan. 2,004,820; June 11.
 Shoe rack. S. Fischer. 1,995,383; Mar. 26.
 Shoe. Safety. H. G. McMurray and M. G. Norman. 2,020,037; Nov. 5.
 Shoe shank stiffener. C. M. Moore. 2,002,707; May 28.
 Shoe shank stiffener. O. H. L. Thelen. 2,006,846; July 2.
 Shoeshine box. B. Azombar. 2,003,279; June 4.
 Shoe shining apparatus. O. C. Moll. 1,989,106; Jan. 29.
 Shoe shining device. H. D. White. 1,996,893; Apr. 9.
 Shoe shining machine. M. H. Thornton. 2,004,140; June 11.
 Shoe size measuring device. L. L. Levy. 2,005,428; June 18.
 Shoe sole. J. Saladino. 2,020,969; Nov. 12.
 Shoe sole-cementing machine. K. L. Venters. 2,002,650; May 28.
 Shoe sole machine. A. F. Froussard. 1,994,510; Mar. 19.
 Shoe sole press. H. C. Short. 2,020,743; Nov. 12.
 Shoe sole pressing machine. E. E. Winkley. 1,992,274; Feb. 26.
 Shoe sole trimming machine. G. Passefume. 2,025,217; Dec. 24.
 Shoe soles and heels. Apparatus for cutting. E. Smith. 1,999,918; Apr. 30.
 Shoe. Sport. G. B. Carrier. 1,988,784; Jan. 22.
 Shoe stiffener and method of manufacture. L. P. Mellerio. 1,991,464; Feb. 19.
 Shoe stiffener blanks and the like. Apparatus for treating. S. P. Lovell and E. H. Hansen. 2,025,467; Dec. 24.
 Shoe stiffening. F. L. Ayers. 2,018,245; Oct. 22.
 Shoe stitcher. E. G. Wolf. 1,999,679-80; Apr. 30.
 Shoe-stitching machine. Hand. A. L. Flquet and A. G. Mousset. 2,014,318; Sept. 10.
 Shoe stitching mechanism. E. G. Wolf. 1,999,678; Apr. 30.
 Shoe stretching device. H. Schechter. 2,023,618; Dec. 10.
 Shoe string. J. E. Tate. 2,009,330; July 23.
 Shoe support. A. B. Cornelius. 2,025,725; Dec. 31.
 Shoe support. F. E. Hooper. 2,005,720; June 25.
 Shoe supporting jack. R. C. Simmons. 2,003,015; May 28.
 Shoe. Tap-dancing. E. Landi. 1,997,221; Apr. 9.
 Shoe tree. W. J. DeWitt. 2,019,340; Oct. 29.
 Shoe tree. S. A. Eddins. 1,999,150; Apr. 23.
 Shoe tree. B. F. Horsting. 2,015,224; Sept. 24.
 Shoe tree. J. Palladino. 2,026,246; Dec. 31.
 Shoe tree with adjustable shoe-vamp modifying attachment. T. N. Garson. 2,010,146; Aug. 6.
 Shoe trimming. A. C. Murray. 1,990,461; Feb. 5.
 Shoe. Turn. C. Miller. 2,016,902; Oct. 8.
 Shoe uppers in lasted position. Holding. G. Goddu. 2,004,239; June 11.
 Shoe uppers in lasted position. Holding. C. F. Pym. 1,987,638; Jan. 15.
 Shoe uppers. Manufacture of. H. L. Sawyer. 2,015,090; Sept. 24.
 Shoe uppers. Method of and machine for lasting. K. Engel. 2,008,069; July 16.
 Shoe ventilating device. A. C. Helwig. 2,010,151; Aug. 6.
 Shoe welting and its manufacture. W. C. Vizard. 1,996,844; Apr. 9.
 Shoe with elastic rubber insert. I. Goth. 2,001,841; May 21.
 Shoe with interchangeable heels. G. Staines. 1,996,659; Apr. 2.
 Shoes. L. B. Carpenter and W. I. Barnes. 1,989,970; Feb. 5.
 Shoes and apparatus therefor. Making. J. E. Chartrand. 1,990,581; Feb. 12.
 Shoes and other articles to pressure. Apparatus for subjecting. O. Habicht. 2,005,621; June 18.
 Shoes and product thereof. Method and machine for use in the manufacture of. J. Gouldbourn and F. Ricks. 1,995,303; Mar. 26.
 Shoes. Apparatus for demonstrating the mechanical flexibilizing of. E. J. Bliss. 2,013,643; Sept. 10.
 Shoes. Attachment for. J. C. Brown. 1,998,921; Apr. 23.
 Shoes. Attachment for. E. H. Smith and M. E. Hills. 1,998,971; Apr. 23.
 Shoes having stiffened parts. Manufacture of. S. P. Lovell. 2,001,032; May 14.
 Shoes. Heeling. F. B. Dopp. 2,017,234; Oct. 15.
 Shoes. Lasting. W. E. De Hart. 2,013,037; Sept. 3.
 Shoes. Lasting. W. B. Thompson. 1,990,803; Feb. 12.
 Shoes. Making. W. E. De Hart. 2,013,036; Sept. 3.
 Shoes. Making. S. J. Finn. 1,997,722; Apr. 16.
 Shoes. Making. J. B. Hadaway. 2,008,071; July 16.
 Shoes. Making. W. P. Le Rette. 2,024,175; Dec. 17.
 Shoes. Making. F. Maccarone. 1,988,283; Jan. 15.
 Shoes. Making. C. M. Riddock. 2,019,544; Nov. 5.
 Shoes. Making. L. F. Weber. 2,018,822; Oct. 29.
 Shoes. Making. E. G. Worthington. 2,022,908; Dec. 3.
 Shoes. Making rubber. E. P. Hedolin. 2,020,182; Nov. 5.
 Shoes. Making rubber soled. S. J. Finn. 1,980,853; Feb. 5.
 Shoes. Making soft soled. L. B. Carpenter and W. I. Barnes. 1,989,969; Feb. 5.
 Shoes. Making stitchdown. D. W. Bunker. 1,996,096; Apr. 2.
 Shoes. Manufacture of. J. Cavanagh. 1,989,080; Jan. 29.
 Shoes. Manufacture of. F. N. La Chapelle. 2,010,090; Aug. 6.
 Shoes. Manufacture of. G. Goddu. 2,008,697; July 23.
 Shoes. Manufacture of. G. Goddu. 2,017,856; Oct. 22.
 Shoes. Manufacture of. H. B. Gorman. 2,014,891; Sept. 17.
 Shoes. Manufacture of. C. F. Pym. 1,987,637; Jan. 15.
 Shoes. Manufacture of. A. F. Pym. 2,023,547; Dec. 10.
 Shoes. Manufacture of. C. Roberts. 1,998,059; Apr. 16.
 Shoes. Manufacture of. M. W. Tetlow. 2,012,325; Aug. 27.
 Shoes. Manufacture of. C. D. Turner. 1,996,890; Apr. 9.
 Shoes. Manufacture of. C. D. Turner. 2,011,696; Aug. 20.
 Shoes. Manufacturing. J. W. Johnson. 1,998,505; Apr. 23.
 Shoes. Manufacturing. J. K. Smith. 2,005,054; June 18.
 Shoes. Means and method for use in lasting. F. N. La Chapelle. 2,007,278; July 9.
 Shoes. Method and means for use in making. F. N. La Chapelle. 2,010,091; Aug. 6.
 Shoes. Method and means for use in lasting. F. N. La Chapelle. 1,997,732; Apr. 16.
 Shoes. Method and material for repairing. R. R. Bollman and C. L. Ornes. 2,004,059; June 4.
 Shoes. Method of and apparatus for making. G. V. Condon. 2,021,225; Nov. 19.
 Shoes. Producing rubber soled. F. P. Schaffer. 1,989,467; Jan. 29.
 Shoes. Size measuring. E. J. Bliss. 1,992,153; Feb. 19.
 Shoes. Static-releasing. H. B. Temple. 2,023,346; Dec. 3.
 Shoes. Treating. H. Metz and R. H. Brown. 2,001,069; May 14.
 Shoeshine apparatus. E. L. Whenham. 2,025,627; Dec. 24.
 Shoe instrument. H. F. Peterson. 2,005,106; June 18.
 Shopping bag. M. Katz. 1,996,619; Apr. 2.
 Shopping bag. Reinforced. H. F. Musick. 1,986,743; Jan. 1.
 Short wave length electric lamp. S. Ruben. 2,007,924; July 9.
 Short wave oscillation generator. E. W. B. Gill. 1,997,053; Apr. 9.
 Short wave receiver. D. Grimes. 2,006,803; July 2.
 Short wave tube. W. E. Kühle and D. Prinz. 2,018,071; Oct. 22.
 Short waves. Arrangement for producing and receiving. W. Weihe. 2,013,773; Sept. 10.
 Shot. S. A. Tension. 1,986,687; Jan. 1.
 Shot concentrator. E. McGavock. 2,002,036; May 21.
 Shotgun magazine. J. E. Russell, D. B. Ellis, and R. E. Gardiner. 2,026,252; Dec. 31.

- Shot shell. J. M. Olin and A. G. Schuricht. 2,008,922; July 23.
- Shoulder grading machine. J. J. Bash. 1,987,729; Jan. 15.
- Shoulder pad. W. W. Westman. 2,004,356; June 11.
- Shoulder shaping pad. E. J. Hoffman. 2,010,153; Aug. 6.
- Shoulder strap. W. Caplin. 2,011,795; Aug. 20.
- Shoulder strap holder. W. J. Smith. 2,005,569-70; June 18.
- Shovel. S. W. Fransson. 2,015,517; Sept. 24.
- Shovel. R. H. Gowdery. 2,013,626; Sept. 3.
- Shovel and making the same. W. A. Ready. 1,989,063; Jan. 22.
- Shovel and the like, Excavating. W. Polgar. 1,996,027; Mar. 26.
- Shovel blades, Load-retaining attachment for. C. D. Brady. 2,025,678; Dec. 24.
- Shovel, Coal. J. H. Fisher. 2,005,416; June 18.
- Shovel for Scotch hearths, Mechanical. H. R. MacMichael. 2,023,483; Dec. 10.
- Shovel, Hydraulic power. W. W. Sloane. 2,005,482; June 18.
- Shovel, Power. W. W. Sloane. 1,995,824; Mar. 26.
- Shovel, Power. W. W. Sloane. 2,006,607; July 2.
- Shovel, Rope thrust. A. C. Rasmussen, R. B. Dorward, and F. B. Ray. 1,992,543; Feb. 26.
- Shovel, digging, and boring machine. E. L. Wheeler. 1,987,932; Jan. 15.
- Shovels and like tools, Manufacture of. W. A. Ready. 2,017,030; Oct. 8.
- Shovels and the like, Making. E. T. Nipher. 2,007,583; July 9.
- Showcards and the like, Supporting. W. J. Cox. 2,007,077; July 2.
- Show case. J. E. Mullen. 2,001,106; May 14.
- Showcase clamp. G. Heumann. 1,987,826; Jan. 15.
- Showcase construction. E. Walters. 1,991,992; Feb. 19.
- Shower bath apparatus. G. E. Mears. 2,005,196; June 18.
- Shower bath attachment. P. Brown. 2,017,396; Oct. 15.
- Shower fixture. W. Scott. 1,989,248; Jan. 29.
- Shower head, Variable flow. E. S. Cornell, Jr. 2,011,568; Aug. 20.
- Shower receptor. H. E. Goss. 2,025,814; Dec. 31.
- Showerstall-bathtub. S. J. Samelow. 2,015,021; Sept. 17.
- Shredder. A. F. Wendler. 2,024,711; Dec. 17.
- Shredder, Kitchen. J. L. Settles. 2,013,900; Sept. 10.
- Shredder, Pulp. J. J. Warren. 2,023,455; Dec. 10.
- Shredder, Vegetable. J. C. Chang. 2,006,668; July 2.
- Shredding and mixing machine. A. Lasch and E. Strömer. 2,026,049; Dec. 31.
- Shredding apparatus. R. W. Stevenson. 1,996,177; Apr. 2.
- Shrinkage compensating device. O. W. Johnson. 1,989,931; Feb. 5.
- Shuffling device. W. Shepherd, F. T. Saunders, and H. J. Hartridge. 1,998,690; Apr. 23.
- Shunt for electric blasting caps. W. C. Wilson. 2,020,390; Nov. 12.
- Shut-off device for gas heated liquid heaters, Gas and liquid. E. Wender. 2,005,403; June 18.
- Shut-off for direction signals for automobiles and other motor vehicles. Automatic. H. D. Browning. 2,010,747; Aug. 6.
- Shut off for switches. Automatic. J. R. Haines. 1,996,417; Apr. 2.
- Shut-off, Service line. E. Miller. 2,006,742; July 2.
- Shutter and awning, Combined. E. Terry. 2,015,370; Sept. 24.
- Shutter device for motion picture cameras. F. H. Owens. 2,008,924; July 23.
- Shutter for motion picture projectors, Safety. M. G. Blank. 2,000,575; May 7.
- Shutter for reproducing and copying lenticulated films. F. Fischer. 1,989,134; Jan. 29.
- Shutter mechanism, Pneumatic. U. M. Schmidt. 1,989,115; Jan. 29.
- Shutter mechanism, Synchronized. L. H. Tolhurst. 2,008,938; July 23.
- Shutter operating means. F. P. Iilsley. 2,018,724; Oct. 29.
- Shutter, Storm. W. W. Goodman. 2,012,388; Aug. 27.
- Shutters for water cooling towers, Automatic. H. M. Coulson. 2,010,980; Aug. 13.
- Shuttle. W. F. Cominsky. 1,998,118; Apr. 16.
- Shuttle. F. Fischer, Jr. 1,997,052; Apr. 9.
- Shuttle. E. E. Fuller. 2,004,721; June 11.
- Shuttle. E. E. Fuller. 2,023,678; Dec. 10.
- Shuttle. L. Pavia. 2,020,204; Nov. 5.
- Shuttle. R. Sedlatschek. 2,009,525; July 30.
- Shutter actuator, Automatic. W. A. Riddell. 2,019,731; Nov. 5.
- Shuttle, Automatically threading. I. Snow. 2,005,636; June 18.
- Shuttle, Automatically threading. W. I. Stimpson. 1,995,194; Mar. 19.
- Shuttle hobbin and making the same. C. E. Chaffin. 2,019,952; Nov. 5.
- Shuttle box construction for looms. O. V. Payne. 2,012,050; Aug. 20.
- Shuttle box lock, Automatic. A. M. Sikes. 1,996,527; Apr. 2.
- Shuttle boxes and the like in looms, Method of and apparatus for finishing. R. G. Turner. 1,991,069; Feb. 12.
- Shuttle casing for sewing machines. I. Gonyk. 1,989,594; Jan. 29.
- Shuttle check and release for drop box looms. E. A. Santon. 2,025,906; Dec. 31.
- Shuttle check for looms. B. Huggins. 2,016,965; Oct. 8.
- Shuttle cock. E. Bauer. 2,025,325; Dec. 24.
- Shuttlecock. J. T. McNamara. 2,016,252; Oct. 1.
- Shuttle drive. M. Schäfer. 2,006,723; July 2.
- Shuttle eye. P. L. Spencer. 2,002,131; May 21.
- Shuttle eye block. A. Gavriluk. 1,987,820; Jan. 15.
- Shuttle for needle looms. J. Byrem. 1,987,524; Jan. 8.
- Shuttle friction, Upside down. W. S. Jackson. 2,019,859; Nov. 5.
- Shuttle, Loom. W. I. Stimpson. 1,985,960; Jan. 1.
- Shuttle motion. R. J. Bartholomew. 2,002,973; May 28.
- Shuttle motion for narrow ware looms. E. R. Holmes. 2,025,864; Dec. 31.
- Shuttle placing mechanism. O. V. Payne. 2,012,051; Aug. 20.
- Shuttle quill or cop holder. L. Pavia. 2,007,097; July 2.
- Shuttle rebound preventer for looms. F. B. Hopewell. 1,991,018; Feb. 12.
- Shuttle tension. E. Bloom. 2,016,663; Oct. 8.
- Shuttle tension and take-up device. P. L. Spencer. 1,998,260; Apr. 16.
- Shuttle tension means. G. Lappas. 2,008,456; July 16.
- Siccatives, Producing. W. Krumbhaar. 2,025,870; Dec. 31.
- Sick room light. F. E. Pavelka. 2,023,819; Dec. 10.
- Sickle bar for mowing machines. J. J. Davis. 2,009,339; July 23.
- Sickle guard. A. D. Braasch, H. W. Smith, and M. Walton. 2,008,895; July 23.
- Side band transmission and reception, Single. E. S. Purington. 1,992,441; Feb. 26.
- Side bearing. E. W. Webb. 1,989,253; Jan. 29.
- Side plate for freight cars. C. D. Bonsall. 1,989,264; Jan. 29.
- Side registering mechanism. F. L. Cross. 1,986,253; Jan. 1.
- Side registering mechanism. H. A. W. Wood. 2,010,908; Aug. 13.
- Side wing bracket. J. P. Callahan. 1,992,413; Feb. 26.
- Sidetracking tool. W. G. Brewster. 2,018,007; Oct. 22.
- Sidewalk sign. E. M. Bury. 2,023,573; Dec. 10.
- Siding for buildings. J. O'Neil. 2,013,218; Sept. 3.
- Siding material. H. L. Levin. 2,013,351; Sept. 3.
- Sieve, Adjustable. A. Kuballe. 2,011,365; Aug. 13.
- Sieve liner. H. B. Rice. 2,001,631; May 14.
- Sieve, Oscillating. H. Schieferstein and G. Linke. 1,997,499; Apr. 9.
- Sieve shaker. W. T. Shaler. 1,999,213; Apr. 30.
- Sieve shaking machine. G. E. Bodien and J. R. Foster. 2,026,208; Dec. 31.
- Sifter. T. Glen, Jr. 1,997,255; Apr. 9.
- Sifter and pouring top for cans. E. G. Ellstrom. 1,993,364; Mar. 5.
- Sifter cap for powder container. B. J. F. Bentley. 2,018,050; Oct. 22.
- Sifter drive, Gyration. J. F. Perkinson. 2,023,180; Dec. 3.
- Sifter, Flour. O. N. McCormick. 2,024,978; Dec. 17.
- Sifter, Powder. A. Bates. 1,988,410; Jan. 15.
- Sifting and directing device for flexible containers. J. V. Pidgeon. 2,017,256; Oct. 15.
- Sight. C. E. Lyman, Jr. 2,011,644; Aug. 20.
- Sight for antiaircraft machine guns. J. Nyberg. 1,988,984; Jan. 22.
- Sight for firearms. F. L. Humeston. 2,014,735; Sept. 17.
- Sight for firearms, Adjustable. H. F. Mossberg. 2,005,952; June 25.
- Sight for firearms, Adjustable. O. W. Ringquist. 2,024,779; Dec. 17.
- Sight for firearms, Front. F. L. Humeston. 1,989,863; Feb. 5.
- Sight for guns, Rear. F. K. Howard. 1,997,584; Apr. 16.
- Sight, Ordnance. B. P. Joyce. 2,010,397; Aug. 6.
- Sight for rifles, Rear. H. C. Cambridge. 2,021,541; Nov. 19.
- Sighting appliance for telescopic instruments. E. G. Bradbury. 2,013,549; Sept. 3.
- Sighting mechanism for computing scales. E. Schmalholz. 1,996,978; Apr. 9.
- Sighting system for guns. J. C. Karnes. 2,013,656; Sept. 10.
- Sign: See—
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| Advertising sign. | Interchangeable sign. |
| Aeroplane sign. | Knockdown sign. |
| Animated sign. | Luminous sign. |
| Changeable neon sign. | Moving sign. |
| Changeable number sign. | Panel sign. |
| Changeable sign. | Price sign. |
| Display sign. | Reflecting sign. |
| Electric sign. | Reversible sign. |
| Endless band sign. | Sectional reflector sign. |
| Fifth wheel sign. | Sidewalk sign. |
| Figure sign. | Street reflector sign. |
| Flash sign. | Street sign. |
| Gas price sign. | Traffic sign. |
| Glow discharge sign. | Variable sign. |
| Illuminated sign. | |
- Sign. S. F. Arbuckle and G. H. Coulter. 2,004,181; June 11.
- Sign. J. L. Berggren. 2,010,004; Aug. 6.
- Sign. J. Boyce. 2,019,113; Oct. 29.
- Sign. E. A. Decker. 1,994,016; Mar. 12.

- Sign. C. B. Drake. 2,018,440; Oct. 22.
 Sign. F. P. Gill. 2,018,208; Oct. 22.
 Sign. W. M. Henry. 2,011,762; Aug. 20.
 Sign. G. S. James. 1,994,519; Mar. 19.
 Sign. R. W. Luce. 1,993,068; Mar. 5.
 Sign. I. Nachumsohn. 2,006,999; July 2.
 Sign. I. Nachumsohn. 2,023,282; Dec. 3.
 Sign. R. G. Regester. 2,009,002; July 23.
 Sign. A. F. Spitzglass. 2,026,328; Dec. 31.
 Sign. E. L. Torstenson. 2,003,126; May 28.
 Sign. S. J. Zak. 1,989,781; Feb. 5.
 Sign and making it. J. T. Cochran. 1,990,224; Feb. 5.
 Sign and operating the same, Revoluble. C. F. Coons. 2,022,105; Nov. 26.
 Sign and producing the same. R. N. Chubb. 1,989,348; Jan. 29.
 Sign, Apparatus for towing a. H. Y. Satterlee. 2,011,202; Aug. 13.
 Sign base, Sidewalk. W. Edwards. 2,013,041; Sept. 3.
 Signboard, Advertising. A. J. Cusick. 1,986,795; Jan. 8.
 Sign character. J. T. Cochran. 1,995,114; Mar. 19.
 Sign construction. A. W. Bailey. 2,021,347; Nov. 19.
 Sign construction. R. W. Luce. 1,995,856; Mar. 26.
 Sign device. A. A. Perry and H. A. Weber. 1,986,681; Jan. 1.
 Sign device, Changeable. L. C. Shaw. 2,001,115; May 14.
 Sign element nad constructing the same. E. K. Madan. 2,012,614; Aug. 27.
 Sign flasher. C. Hotchkiss. 2,000,700; May 7.
 Sign flasher. W. H. Marshall, Jr. 1,996,520; Apr. 2.
 Sign for day and night display, Illuminated. H. Wolf. 1,998,857; Apr. 23.
 Sign frame support. A. Sprung. 1,995,869; Mar. 26.
 Sign or indicator, Automobile radiator. E. W. Moerbe. 1,992,876; Feb. 26.
 Sign or the like, Motion. E. A. Storman. 2,021,673; Nov. 19.
 Sign support, Swinging. W. H. Martin. 2,004,819; June 11.
 Sign system, Universal electric. F. J. Sprague. 2,024,074; Dec. 10.
 Signs and circuits, Protecting neon. J. De Puddicombe. 1,995,055; Mar. 19.
 Signs and lettering, Device for reproducing. H. C. Ulrich. 2,013,772; Sept. 10.
 Signs in electric gas discharge tubes, Process and apparatus for the production of luminous. N. Lebedenko, R. Levy, and W. Zeitlin. 2,004,577; June 11.
 Signal: See—
 Audible signal. Railroad washout safety
 Auto turn signal. signal.
 Automatic safety signal. Railway crossing signal.
 Automatic light signal. Sign signal.
 Automobile signal. Sound signal.
 Bumper signal. Stop and turn signal.
 Crossing signal. Street traffic signal.
 Defective light signal. Traffic signal.
 Direction light signal. Turn and stop signal.
 Flashing light signal. Turn signal.
 Headlight signal. Vehicle actuated signal.
 Landing signal. Vehicle direction signal.
 Light signal. Vehicle signal.
 Mall box signal. Warning signal.
 Motor vehicle signal. Wigwag signal.
 Radio warning signal.
 Signal and contact device. H. A. Blake and H. Schmitt. 1,998,072; Apr. 16.
 Signal and control for road vehicles, Warning. J. Hirshfeld. 2,025,106; Dec. 24.
 Signal and display device. R. H. Stanton. 1,998,691; Apr. 23.
 Signal and stop light, Automatic. D. J. Santora. 1,992,775; Feb. 26.
 Signal apparatus. F. A. Anderson. 2,005,214; June 18.
 Signal apparatus. C. E. Beach. 1,999,859; Apr. 30.
 Signal apparatus for airplanes, Message carrying. C. C. Holmes. 2,013,729; Sept. 10.
 Signal chime. R. D. Karnell. 2,016,604; Oct. 8.
 Signal control mechanism. M. Garl. 2,023,680; Dec. 10.
 Signal controlling apparatus. B. V. Nagashev. 1,999,661; Apr. 30.
 Signal creating apparatus. C. C. Chenoweth. 2,016,957; Oct. 8.
 Signal device. R. M. Critchfield. 1,994,575; Mar. 19.
 Signal device. J. L. Herold and J. W. Dawson. 1,993,406; Mar. 5.
 Signal device. J. W. Kunneke. 1,992,827; Feb. 26.
 Signal device. J. W. Myers. 2,006,509; July 2.
 Signal device. C. G. Olson. 2,018,802; Oct. 29.
 Signal device. G. L. Tarlton. 1,999,885; Apr. 30.
 Signal device, Aerial. R. B. Respass. 1,993,414; Mar. 5.
 Signal device and system. H. J. Findley. 2,008,546; July 16.
 Signal device, Electrically-operated audible. J. R. Putnam. 1,988,700; Jan. 22.
 Signal device, Over-current. C. B. Hefner. 2,013,241; Sept. 3.
 Signal device, Stop and turn. S. G. Rayl. 2,016,293; Oct. 8.
 Signal for automobiles, Direction. C. Foti. 2,002,503; May 28.
 Signal for firearms, Safety. E. I. Bamberger. 1,992,934; Mar. 5.
 Signal for left turn. A. F. Jabusch. 2,025,340; Dec. 24.
 Signal for level crossings, Automatic train. A. Riccardi. 2,013,008; Sept. 3.
 Signal for monotype composing machines, Intermediate justification. L. A. Schmitt. 1,998,848; Apr. 23.
 Signal for railway crossings. F. W. Griswold. 1,989,357; Jan. 29.
 Signal for vehicles, Direction. A. J. Block. 2,006,625; July 2.
 Signal for vehicles, Stream line traffic. J. N. Ford. 2,021,447; Nov. 19.
 Signal generator. G. L. Beers. 1,993,395; Mar. 5.
 Signal lamp, Automobile. E. Koenig. 1,987,013; Jan. 8.
 Signal lens means. W. E. Signor. 2,002,331; May 21.
 Signal light. C. H. Larson. 1,998,678; Apr. 23.
 Signal light, Automobile. J. A. Fossum, Jr. 1,998,157; Apr. 16.
 Signal light support. H. Koch. 2,005,863; June 25.
 Signal of automatic type for railway crossings. F. W. Griswold. 2,011,316; Aug. 13.
 Signal or musical instrument. L. G. Bergeron and R. B. Brewer. 1,994,559; Mar. 19.
 Signal producer, Audible. E. M. Kelley. 2,011,287; Aug. 13.
 Signal, Producing an automatic warning. R. W. Hart. 2,009,447; July 30.
 Signal receiving device, Two. C. F. Jenkins. 2,017,902; Oct. 22.
 Signal receiving means. W. R. Koch. 2,007,399; July 9.
 Signal reproducing system. H. G. Tasker. 2,014,418; Sept. 17.
 Signal structure. W. E. Signor. 2,002,332; May 21.
 Signal switch. P. T. McDonough. 1,987,534; Jan. 8.
 Signal system. C. E. Beach. 2,018,656; Oct. 29.
 Signal system. C. E. Beach and F. E. Weld. 1,998,436; Apr. 23.
 Signal system. A. P. Hayward and T. E. Purcell. 1,988,841; Jan. 22.
 Signal system for elevators. F. E. Lewis. 2,008,397; July 16.
 Signal system for railroads, Automatic block. A. R. Whitehorn. 2,026,486; Dec. 31.
 Signal system, Left turn. C. B. Green. 2,012,850; Aug. 27.
 Signal system, Railway. W. H. Arkenburgh. 1,985,911; Jan. 1.
 Signal system, Railway. L. Espenschied. 2,000,166; May 7.
 Signal system, Railway. C. G. Suits. 1,997,475; Apr. 9.
 Signal system, Street. A. J. Massey. 1,997,778; Apr. 16.
 Signal systems, Apparatus for testing railroad. A. D. Whamond. 2,017,424; Oct. 15.
 Signal translating and correcting system. H. G. Tasker. 2,004,253; June 11.
 Signal transmission line. A. R. Rienstra. 2,010,644; Aug. 6.
 Signal transmission system. K. C. Black. 2,019,594; Nov. 5.
 Signal transmission system. S. Doba, Jr. 2,018,489; Oct. 22.
 Signal transmission system. L. F. Smith. 2,009,074; July 23.
 Signal transmitter. A. S. Fitz Gerald. 1,989,510; Jan. 29.
 Signal transmitter. N. H. Suren and H. S. Smith. 1,986,026; Jan. 1.
 Signal voltage limiter. W. L. Douden. 2,020,825; Nov. 12.
 Signaling. H. Chireix. 1,997,042; Apr. 9.
 Signaling. H. J. J. M. de R. de Bellescize. 1,993,241; Mar. 5.
 Signaling. P. R. Dijksterhuis. 1,987,470; Jan. 8.
 Signaling. W. T. Ditcham. 2,003,285; June 4.
 Signaling. C. W. Hansell. 1,999,902; Apr. 30.
 Signaling. F. Hennig. 1,994,517; Mar. 19.
 Signaling. F. Schroeter. 2,023,446; Dec. 10.
 Signaling and control system, Electrical. R. J. Stevens. 1,989,630; Jan. 29.
 Signaling and power supply system. C. W. Green and H. S. Black. 2,003,967; June 4.
 Signaling apparatus. J. W. Conklin and J. L. Finch. 1,986,623; Jan. 1.
 Signaling apparatus. V. E. Carbonara. 2,025,269; Dec. 24.
 Signaling apparatus. W. A. Harms. 1,997,518; Apr. 9.
 Signaling apparatus. R. W. Hart. 2,024,219; Dec. 17.
 Signaling apparatus. O. Kraus. 2,014,490; Sept. 17.
 Signaling apparatus. L. J. Lesh. 2,022,049; Nov. 26.
 Signaling apparatus. C. Miller. 2,014,237; Sept. 10.
 Signaling apparatus. D. Perlman. 2,016,790; Oct. 8.
 Signaling apparatus. E. Yrisarri. 2,012,650; Aug. 27.
 Signaling apparatus and using the same. L. A. Hyland and M. F. Hanson. 1,996,869; Apr. 9.
 Signaling apparatus, Automatic. B. Peters. 2,024,061; Dec. 10.
 Signaling, Apparatus for. H. H. Blee, F. C. Breckenridge, and M. E. Lynch. 2,017,849; Oct. 22.
 Signaling apparatus, High frequency. L. A. Gebhard. 1,986,804; Jan. 8.
 Signaling apparatus, Railway. F. J. Ryan. 2,008,518; July 16.
 Signaling apparatus, Railway. H. G. Witmer. 2,019,167; Oct. 29.
 Signaling by frequency fluctuation. W. J. Albersheim. 1,999,176; Apr. 30.
 Signaling device. B. L. Bobroff. 2,005,714; June 18.

- Signaling device. A. J. and W. J. Halthrich. 2,010,454; Aug. 6.
- Signaling device. L. N. Hampton and A. K. Smith. 2,005,583; June 18.
- Signaling device. C. C. Lamb. 2,011,294; Aug. 13.
- Signaling device. C. Miller. 2,014,442-4; Sept. 17.
- Signaling device for automobiles and similar vehicles. G. F. Pettersson and T. W. Sandberg. 1,988,330; Jan. 15.
- Signaling device for vehicles. M. Cencora. 2,024,817; Dec. 17.
- Signaling device, Street car. C. Walker. 1,996,662; Apr. 2.
- Signaling, Method of and apparatus for. E. Rehtin. 2,024,948; Dec. 17.
- Signaling, Multiplex. H. H. Beverage. 2,025,190; Dec. 24.
- Signaling, Multiplex. A. M. Nicolson. 2,021,743; Nov. 19.
- Signaling, Railway. P. P. Stoker. 2,009,719; July 30.
- Signaling, Secret. J. B. Moore. 2,006,961; July 2.
- Signaling system. M. L. Almqvist and A. C. Thompson. 2,005,836; June 25.
- Signaling system. M. Artzt. 1,988,472; Jan. 22.
- Signaling system. T. L. Dimond. 2,022,030; Nov. 26.
- Signaling system. J. B. Dow. 2,021,649; Nov. 19.
- Signaling system. C. D. Fator. 2,008,693; July 23.
- Signaling system. E. P. Goodrich. 1,993,056; Mar. 5.
- Signaling system. H. L. Harris and B. D. Willis. 2,023,225; Dec. 3.
- Signaling system. H. E. Hershey. 2,008,909; July 23.
- Signaling system. J. B. Shiel and A. G. Lang. 1,990,569; Feb. 12.
- Signaling system. R. O. Soffel. 2,008,264; July 16.
- Signaling system. S. Van Mierlo, J. M. R. Girard, and C. A. J. Pulles. 1,997,205; Apr. 9.
- Signaling system. E. Vroom. 2,014,215; Sept. 10.
- Signaling system. Alternating current. E. Habann. 1,987,440; Jan. 8.
- Signaling system and apparatus. Selective. E. E. Kleinschmidt, H. L. Krum and L. M. Potts. 2,010,158; Aug. 6.
- Signaling system, Composite. J. B. McKim. 1,992,228; Feb. 26.
- Signaling system, Electric. R. W. Richardson. 2,017,166; Oct. 15.
- Signaling system employing glow discharges. L. K. Swart. 2,025,912; Dec. 31.
- Signaling system for railroads. R. M. Phinney. 2,019,462; Oct. 29.
- Signaling system for railroads. T. Bodde. 2,002,468; May 21.
- Signaling system for railroads. A. Langdon. 1,989,992; Feb. 5.
- Signaling system, High frequency multiplex. G. A. Mathieu and O. S. Puckle. 2,005,795; June 25.
- Signaling system, Pneumatic. E. E. Kleinschmidt. 1,998,993; Apr. 23.
- Signaling system, Railway. F. H. Richter-Kessing. 2,003,265; May 28.
- Signaling system, Railway. H. S. Young. 2,017,452; Oct. 15.
- Signaling system, Selective. C. S. Demarest. 1,986,921; Jan. 8.
- Signaling system, Selective. W. H. T. Holden. 2,004,244; June 11.
- Signaling system, Wireless. A. H. Reeves. 1,989,770; Feb. 5.
- Signaling train order discharging device. D. J. Mulcahy and C. C. Perry. 2,011,939; Aug. 20.
- Signals for railroads, Light. J. F. Merkel. 2,002,477; May 21.
- Signature feed, Book. C. Schramm. 2,025,527; Dec. 24.
- Signature handling machines, Method of and apparatus for feeding. O. Kleinschmidt and W. Geissler. 2,020,068; Nov. 5.
- Signature machine, Multiple. C. D. Budelman. 2,013,681; Sept. 10.
- Signatures fed to a signature-handling machine, Method of and apparatus for opening the. O. Kleinschmidt and W. Geissler. 1,997,368; Apr. 9.
- Silencer. W. Alexander. 2,012,331; Aug. 27.
- Silencer. F. Boysen. 2,010,175; Aug. 6.
- Silencer. R. J. MacKenzie and L. L. Haas. 1,995,071; Mar. 19.
- Silencer. S. Oldberg. 2,018,084; Oct. 22.
- Silencer. S. Oldberg. 2,022,899; Dec. 5.
- Silencer for internal combustion engines. H. Pieron. 1,990,249; Feb. 5.
- Silencer for moving picture booths. W. S. Boggs. 2,007,153; July 9.
- Silencer for windows. D. K. Macleod. 2,008,329; July 16.
- Silencer, Window. R. B. Bourne. 1,990,108; Feb. 5.
- Silencing device. A. Blundell. 2,014,368; Sept. 17.
- Silica cement, High. E. W. Rice. 2,026,064; Dec. 31.
- Silica from natural alkaline brines, Removing dissolved. W. A. Kuhnert. 1,992,532; Feb. 26.
- Silica, Separation of. J. E. Bucher. 2,010,844; Aug. 13.
- Silicate gels and making the same, Hydrous. E. W. Rembert. 1,999,210; Apr. 30.
- Silicate granule for roofing and preparing same, Colored. C. E. Hillers. 1,991,981; Feb. 19.
- Siliceous articles, Finishing. G. Delpech. 2,018,056; Oct. 22.
- Silico fluorides, Production of. E. G. L. Abel. 2,005,488; June 18.
- Silicon carbide articles and raw batch therefor, Making. R. C. Benner and H. N. Baumann, Jr. 2,004,595; June 11.
- Silicon carbide, Manufacture of. H. P. Kirchner. 2,018,133; Oct. 22.
- Silicon carbide refractory. R. C. Benner and H. N. Baumann, Jr. 2,004,594; June 11.
- Silicon carbide refractory and the manufacture thereof. R. C. Benner, G. J. Easter and J. A. Boyer. 2,015,778; Oct. 1.
- Silicon carboxylate and making the same. A. Hintermaier. 2,017,000; Oct. 8.
- Silicon steel sheets for magnetic uses, Apparatus for welding. R. E. Asbury. 2,017,933; Oct. 22.
- Silicon steel sheets, Heat treating. W. E. Caugherty. 1,991,351-2; Feb. 12.
- Silk and producing same, Artificial. W. L. Hyden and J. S. Fonda. 2,009,110; July 23.
- Silk and the like, Apparatus for the manufacture of artificial. R. Etzkorn. 1,992,928; Feb. 26.
- Silk and the like, Process of and apparatus for the production of artificial. G. Bauriedel and K. Meyer-Gaus. 2,003,170; May 28.
- Silk, Apparatus for reeling freshly spun artificial. J. W. Lubberhuizen. 2,009,052; July 23.
- Silk, Drying artificial. J. W. Lubberhuizen. 2,011,153; Aug. 13.
- Silk effects and producing same, Novel artificial. G. Heberlein. 1,998,576-9; Apr. 23.
- Silk fabrics, Finishing of artificial. W. H. Glover and F. Shedden. 2,010,757; Aug. 6.
- Silk fibers, Soaking natural. P. Kaplan. 2,025,989; Dec. 31.
- Silk fibroin soluble in water, Manufacture of. H. Fink and E. Rossner. 2,012,382; Aug. 27.
- Silk from knit goods, Recovering. A. H. Rosenberg. 1,992,396; Feb. 26.
- Silk from viscose, Producing artificial. T. Koch. 1,993,847; Mar. 12.
- Silk in the form of spun cakes, Producing artificial. F. Koelkeskamp. 1,996,017; Mar. 26.
- Silk-like luster by coating, Producing. L. Lilienfeld. 1,991,809; Feb. 19.
- Silk, Making artificial. H. G. Stone. 2,000,047-8; May 7.
- Silk, Making durable wool like artificial. G. Heberlein. 2,019,183; Oct. 29.
- Silk manufacture, Artificial. B. Gordon, Jr., and H. J. V. Michel. 2,002,481; May 21.
- Silk, Manufacture of artificial. F. Koelkeskamp. 2,022,961; Dec. 3.
- Silk, Manufacture of artificial. A. J. L. Moritz. 1,987,942; Jan. 15.
- Silk, Manufacture of artificial. A. J. L. Moritz. 2,001,742; May 21.
- Silk, Manufacture of viscose artificial. H. Sagar, E. Van Wevenbergh, and R. O. Jones. 2,005,664; June 18.
- Silk, Process and apparatus for the treatment of artificial. A. Hartmann, W. Hoefinghoff, and K. Meyer-Gaus. 2,020,057; Nov. 5.
- Silk spinning machine, Artificial. C. O. Butler. 1,994,566; Mar. 19.
- Sill construction. W. Mearns, Jr. 1,995,858; Mar. 26.
- Silo. G. A. Olbrich. 1,987,155; Jan. 8.
- Silo and the like. J. W. and J. M. Denning. 2,008,688; July 23.
- Silo, Hay. R. G. Ferris. 2,020,881; Nov. 12.
- Silt removing head. C. B. Harp. 1,986,148; Jan. 1.
- Silver halide emulsion layers, Manufacture of photographic. W. Schneider. 2,006,002; June 25.
- Silver halide emulsions, Sensitizing. W. Dieterle and H. Durr. 2,020,838; Nov. 12.
- Silver halide emulsions, Stabilizing. G. Wilmanns and J. Brunken. 2,016,471; Oct. 8.
- Silver iodide, Purifying. C. W. Girvin. 1,998,010; Apr. 16.
- Silver roll forming machine. G., N. and J. Fraser. 2,004,045; June 4.
- Single file feeding device. H. L. Smith. 1,992,331; Feb. 26.
- Single phase motor. S. J. Swanson. 1,992,725; Feb. 26.
- Single phase motor. A. M. Wilson. 2,002,382; May 21.
- Single sleeve valve engine. E. L. Gilbert. 2,004,693; June 11.
- Sink. R. E. Crane and L. G. Probst. 2,008,349; July 16.
- Sink and drainboard construction. A. Horner. 2,001,423; May 14.
- Sink flusher. J. A. Perry. 2,024,873; Dec. 17.
- Sink structure. E. G. McQuinn. 2,023,692; Dec. 10.
- Sinter returns, Producing fine. W. R. Zehner. 2,006,936; July 2.
- Sintering. T. E. Lloyd. 2,024,176; Dec. 17.
- Sintering. W. S. Reid. 2,006,368; July 2.
- Sinuous bulges on pipes, Making. C. Meyer. 2,012,766; Aug. 27.
- Siphon. A. J. Gurck. 1,988,897; Jan. 22.
- Siphon. W. P. Meeker and E. C. Price. 2,000,087; May 7.
- Siphon. T. J. Simpson. 2,022,927; Dec. 3.
- Siphon apparatus. J. D. Greenwood. 2,022,504; Nov. 26.
- Siphon device. W. H. Rose. 2,002,835; May 28.
- Siphonage breaker. G. L. and W. F. Smith. 2,021,390; Nov. 19.
- Siren. H. Ricci. 2,017,132; Oct. 15.
- Siren. G. J. Seiss. 2,015,387; Sept. 24.
- Siren, Electric. M. C. Armstrong. 1,991,718; Feb. 10.

- Siren for the production of sharp cut tones of short duration. B. Settegast. 1,985,954; Jan. 1.
- Sirup, Chocolate. D. E. Linn. 2,014,623; Sept. 17.
- Sirup, Production of malt. H. C. Gore, S. Józsa, and C. N. Frey. 2,000,169; May 7.
- 6-methoxy-6'-ethoxythiolindigo. C. Krauss and W. Brunner. 2,005,041; June 18.
- Size composition for artificial silk. H. S. Bosland and F. G. La Piana. 2,010,134; Aug. 6.
- Size determining mechanism for automatic machines. H. L. Blood. 2,023,662; Dec. 10.
- Size testing device for gloves. E. J. Bliss. 1,997,921; Apr. 16.
- Sizer. G. C. Paxton. 1,999,574; Apr. 30.
- Sizing and/or separating fines, Method of and apparatus for. M. T. McWhorter and J. R. Hiestand. 2,026,318; Dec. 31.
- Sizing apparatus. H. B. Her. 1,996,810; Apr. 9.
- Sizing device. A. P. Steiner. 2,007,507; July 9.
- Sizing device, Automatic. H. E. Balsiger. 2,019,066; Oct. 29.
- Sizing device for grinding machines. D. Gurney. 2,008,137 July 16.
- Sizing machine, Vegetable and fruit. J. R. Drummond. 2,012,847; Aug. 27.
- Sizing material. M. W. Hendrich. 2,008,304; July 16.
- Sizing or grading device. L. E. Ellis. 1,997,817; Apr. 16.
- Sizing solution for use in dressing or stiffening warps in sheets cold. M. N. Bulford. 2,016,813; Oct. 8.
- Skate. D. M. Harris. 2,025,858; Dec. 31.
- Skate. J. M. Keller. 2,000,396; May 7.
- Skate. G. M. Pomeroy. 2,015,569; Sept. 24.
- Skate. F. R. Smith. 2,019,738; Nov. 5.
- Skate. J. Tracey. 1,989,344; Jan. 29.
- Skate. O. B. Welker. 2,016,406; Oct. 8.
- Skate and accessory therefor, Roller. D. H. Marx. 2,021,316; Nov. 19.
- Skate and shoe, Interchangeable. A. Johnson. 1,991,855; Feb. 19.
- Skate, Ice. O. L. Kaub. 1,996,925; Apr. 9.
- Skate, Railway track. H. L. Bone. 2,002,217; May 21.
- Skate, Roller. S. J. Busby. 1,996,671; Apr. 2.
- Skate, Roller. J. S. Coldwell. 1,987,668; Jan. 15.
- Skate, Roller. W. D. Ferris. 2,023,128; Dec. 3.
- Skate, Roller. A. N. Smith. 2,021,435; Nov. 19.
- Skate, Roller. S. Stein. 1,988,055; Jan. 15.
- Skate, Roller. C. Vogt. 2,021,035; Nov. 12.
- Skate, Roller. R. Wylie. 2,016,847; Oct. 8.
- Skate walker, Ice. P. G. Cole. 1,992,291; Feb. 26.
- Skate wheel. H. L. Zimmerman. 2,001,174; May 14.
- Skate wheel, Ball bearing. W. F. Hoerle. 2,022,347-8; Nov. 26.
- Skein drying. V. Beplate and P. Brauer. 2,011,792; Aug. 20.
- Skein winding machine. W. F. Twaddle. 2,008,477; July 16.
- Sketching device. J. J. McDonald. 1,992,083; Feb. 19.
- Ski. J. Bollne. 1,998,702; Apr. 23.
- Ski. B. Ullevoldsæter. 1,993,636; Mar. 5.
- Ski binding. H. E. Dodds. 2,014,199; Sept. 10.
- Ski binding. C. N. Proctor. 2,012,402; Aug. 27.
- Ski binding device. J. H. L'Abée-Lund. 1,998,879; Apr. 23.
- Ski creeper. A. C. Osborn. 1,989,377; Jan. 29.
- Ski fastening, Automatically acting. E. Elster. 2,002,694; May 28.
- Ski harness. N. J. Mandel. 2,023,054; Dec. 3.
- Skid preventer. G. L. Briggs. 2,017,891; Oct. 22.
- Skid preventer. F. E. Sterns. 1,988,986; Jan. 22.
- Skimmer, Dross. L. Muscat. 2,013,005; Sept. 3.
- Skimmer scoop. R. R. Downie. 1,990,587; Feb. 12.
- Skin, Cleaning the. R. Wille. 1,993,469; Mar. 5.
- Skin friction losses, Method of and apparatus for reducing. C. J. Coberly. 1,985,887; Jan. 1.
- Skin from fish, Removing the. W. F. Schlothian. 2,020,579; Nov. 12.
- Skin trimming machine. M. W. Howard. 2,016,330; Oct. 8.
- Skinning machine. O. G. Rieske. 1,993,899; Mar. 12.
- Skins and envelopes particularly adapted for use as artificial sausage casings, Manufacturing from nitrocellulose. F. Goldberger. 2,000,836; May 7.
- Skins or hides, Tanning. C. K. Reiman and F. Wayland.
- Skirt closure. M. Goldman. 2,023,132; Dec. 3.
- Skirt, Cocktail. I. Florman and R. Rolwing. 2,006,238; June 25.
- Skiving machine. G. Hazelton, C. H. James, and W. I. Bacon. 2,017,151; Oct. 15.
- Skiving machine. A. Kick. 2,003,369; June 4.
- Skylight. F. C. Bradley. 2,014,925; Sept. 17.
- Skylight construction. H. D. G. Weckerly and E. T. Norman. 2,015,774; Oct. 1.
- Sky writing apparatus. W. H. Brookley. 2,019,652; Nov. 5.
- Slab and building construction, Metal edged. R. H. Peck. 2,021,922; Nov. 26.
- Slab cutting machine, Portable. A. N. Emmons. 2,014,229; Sept. 10.
- Slab for concrete bodies, Protective. J. W. B. Blackman. 1,993,294; Mar. 5.
- Slab for viscous liquids, Cooling. E. Metcalfe-Shaw. 2,005,271; June 18.
- Slab, Precast floor or roof. H. F. Young. 1,990,157; Feb. 5.
- Slab, Preformed building. H. Boettcher. 1,986,552; Jan. 1.
- Slab, Reinforced concrete construction. W. P. Cummings. 2,003,251; May 28.
- Slab, Snap locking. C. F. Davis. 2,015,744; Oct. 1.
- Slabs, Device for molding. J. G. Brush. 1,998,117; Apr. 16.
- Slack adjuster. L. R. Buckendale. 2,001,239; May 14.
- Slack adjusting mechanism. H. W. Alden and L. R. Buckendale. 2,015,881; Oct. 1.
- Slack take-up device, Emergency. E. R. Evans and E. A. Rockwell. 2,006,634; July 2.
- Slag bottom for furnaces. P. Badenhansen. 2,004,152; June 11.
- Slag conveyer. J. H. James. 2,000,484; May 7.
- Slag deflector. F. J. Chatel. 2,026,270; Dec. 31.
- Slag drip and screen. E. G. Bailey and H. J. Kerr. 2,002,465; May 21.
- Slat cover. J. J. Krohn. 1,987,149; Jan. 8.
- Slat for Venetian blinds. G. W. Kirsch. 2,017,210; Oct. 15.
- Slat for Venetian blinds, Metal. C. E. Magill. 1,989,240; Jan. 29.
- Slay sole for looms. O. Shimwell. 2,020,742; Nov. 12.
- Sled. A. B. Lamoy. 1,995,681; Mar. 26.
- Sled. G. Metz. 2,026,053; Dec. 31.
- Sled. C. Z. Miller. 2,012,767; Aug. 27.
- Sled brake. F. and A. Toriello and A. G. Schroeder. 2,005,920; June 25.
- Sled, Coasting. A. J. Scholtes. 2,006,330; June 25.
- Sled, Flexible coasting. A. J. Scholtes. 2,006,326; June 25.
- Sled runner. J. Mader and D. R. Richie. 1,991,167; Feb. 12.
- Sled runner shoe. J. Vincent. 2,016,187; Oct. 1.
- Sled runners, Bowing and twisting. A. J. Scholtes. 2,026,440; Dec. 31.
- Sled, Scooter. S. Phillips. 2,011,159; Aug. 13.
- Sled, Steerable. W. R. Fluegel. 2,019,958; Nov. 5.
- Sleeping bag. F. L. Brown. 2,015,588; Sept. 24.
- Sleeping pad. C. D. Karr. 2,013,562; Sept. 3.
- Sleeping pad. C. D. Karr. 2,021,237; Nov. 19.
- Sleeve and making the same, Lineman's protective. A. B. Merrill and C. C. Curtis. 1,988,604; Jan. 22.
- Sleeve, Garment. W. B. Swint. 2,012,206; Aug. 20.
- Sleeve holder. A. L. Colbiornsen. 2,000,923; May 14.
- Sleeve protector. D. V. D. Whitaker. 1,997,956; Apr. 16.
- Sleeve structure. C. G. Miller. 1,987,838; Jan. 15.
- Sleeve-valve cylinder. A. H. R. Fedden and L. F. G. Butler. 1,995,244; Mar. 19.
- Sleeve-valve mechanism for internal combustion engines. A. H. R. Fedden. 2,003,743; June 4.
- Sllice evener and stacker. H. H. McKee and N. J. Dziedzic. 2,007,339; July 9.
- Sllice stacking mechanism. W. A. van Berkel. 2,024,403; Dec. 17.
- Slicer and grater, Vegetable. C. W. Prickett. 1,987,910; Jan. 15.
- Slicer and peeler. M. Ewald. 1,989,090; Jan. 29.
- Slicer and wrapper feed, Synchronous. W. W. Hartman. 2,006,550; July 2.
- Slicer, Beet. J. Wolfinger. 2,017,559; Oct. 15.
- Slicer, Bun. M. E. Bever. 2,009,913; July 30.
- Slicer, Vegetable. D. Parodi. 1,998,383; Apr. 16.
- Slicer, Vegetable. E. H. Taylor. 2,017,822; Oct. 1.
- Slicing device. Oct. 8.
- Slicing and shredding device. P. J. Fitzgerald. 1,996,957; Apr. 9.
- Slicing and shredding device. P. J. Fitzgerald. 1,997,413; Apr. 9.
- Slicing apparatus. A. Leo. 2,006,643; July 2.
- Slicing attachment for bread wrapping machines. L. Ferenc. 2,011,043; Aug. 13.
- Slicing device. W. B. Kennedy. 2,009,931; July 30.
- Slicing device. O. Steffen. 1,990,715; Feb. 12.
- Slicing device. E. L. Storer and A. H. Cox. 2,023,345; Dec. 3.
- Slicing machine. J. Bech. 1,993,586; Mar. 5.
- Slicing machine. W. B. Bronander. 2,000,508; May 7.
- Slicing machine. W. J. Campbell. 1,997,540-1; Apr. 9.
- Slicing machine. W. J. Campbell. 2,001,769-71; May 21.
- Slicing machine. W. J. Campbell. 2,007,823; July 9.
- Slicing machine. W. J. Campbell. 2,010,943-4; Aug. 13.
- Slicing machine. H. J. Criner. 2,011,473-4; Aug. 13.
- Slicing machine. H. J. Criner. 2,022,187; Nov. 26.
- Slicing machine. J. Folk. 2,004,601; June 11.
- Slicing machine. G. Freudenberg. 2,008,822; July 23.
- Slicing machine. H. Fritz, Sr. 1,995,096; Mar. 19.
- Slicing machine. H. Fritz, Sr. 2,024,157; Dec. 17.
- Slicing machine. G. D. Gardner. 2,021,300; Nov. 19.
- Slicing machine. F. T. Lambert. 2,015,630; Sept. 24.
- Slicing machine. F. T. Lambert. 2,024,933; Dec. 17.
- Slicing machine. A. E. Paterson. 2,024,872; Dec. 17.
- Slicing machine. C. S. Reed and A. Rubin. 2,005,109; June 18.
- Slicing machine. S. Singer. 2,007,219; July 9.
- Slicing machine. T. H. Strachan and W. Gumprich. 2,016,689; Oct. 8.
- Slicing machine. E. G. Streckfuss. 1,988,256; Jan. 15.
- Slicing machine. O. D. Taylor. 2,023,360; Dec. 3.
- Slicing machine. W. A. van Berkel. 1,994,971; Mar. 19.
- Slicing machine. W. A. van Berkel. 2,024,404; Dec. 17.
- Slicing machine. C. T. Walter. 1,991,304; Feb. 12.
- Slicing machine. C. T. Walter. 1,995,048; Mar. 19.

- Slicing machine. C. T. Walter. 2,001,512; May 14.
 Slicing machine. C. T. Walter. 2,008,090; July 16.
 Slicing machine. C. T. Walter. 2,012,489; Aug. 27.
 Slicing machine. H. Yerkey. 1,995,139; Mar. 19.
 Slicing machine with hand-operated material feeder. P. J. Lucey. 1,993,849; Mar. 12.
 Slicing machine with multiple knives. W. A. Van Berkel. 1,993,466; Mar. 5.
 Slicing or splitting machine. J. W. Hoefling. 1,988,901; Jan. 22.
 Slidable seat. H. Van Deest. 1,988,638; Jan. 22.
 Slide. H. F. Husted. 2,012,195; Aug. 20.
 Slide, Adjustable. L. Stark. 2,012,835; Aug. 27.
 Slide bar for men's garters. J. Jacobs. 2,002,947; May 28.
 Slide, Child' indoor. P. J. Clarke. 2,016,891; Oct. 8.
 Slide device, Extension. M. Wurm. 2,005,213; June 18.
 Slide fastener. G. H. C. Corner. 2,018,948; Oct. 29.
 Slide fastener. J. Levy. 2,017,698; Oct. 15.
 Slide fastener. S. H. Norton. 1,998,331; Apr. 16.
 Slide fasteners, Method and apparatus for making. G. H. C. Corner. 1,997,542; Apr. 9.
 Slide for extensible windows. A. P. Ball. 1,990,220; Feb. 5.
 Slide for extension tables, Metal. M. Fox. 1,996,542; Apr. 2.
 Slide for testing liquids. F. J. Maw. 2,015,949; Oct. 1.
 Slide locking device for multiple fasteners. M. Winterhalter. 1,991,831; Feb. 19.
 Slide loop. C. E. Anderson. 1,996,786; Apr. 9.
 Slide loop. C. A. Mosgrove. 2,015,863; Oct. 1.
 Slide rule case. A. W. Keuffel. 2,000,337; May 7.
 Slide valve. E. C. Clarke. 2,000,822; May 7.
 Slide valve. K. Karnath. 1,999,155; Apr. 23.
 Slider for fasteners. H. T. Gammons. 2,019,220; Oct. 29.
 Slider for fasteners, Locking. H. T. Gammons. 2,019,219; Oct. 29.
 Slider for multiple operated fastener installations. R. C. Legat. 1,995,642; Mar. 26.
 Slider for slide fasteners. N. J. Poux. 2,025,693; Dec. 24.
 Slider, Multiple operated. C. Townner. 1,988,761; Jan. 22.
 Slime formations, Prevention and removal of. I. B. Romans. 1,989,380; Jan. 29.
 Slime table. C. B. Ulrich. 2,017,740; Oct. 15.
 Slimes, Filtration of. R. A. Henry. 2,024,358; Dec. 17.
 Slimy materials, Method and apparatus for treating. J. G. Thomas. 2,005,812; June 25.
 Slimy substance from fiber stock, Mechanically separating. R. T. Lang and W. Thaler. 1,990,992; Feb. 12.
 Sling, Cane. C. H. Field. 2,014,201; Sept. 10.
 Sling or harness arrangement for affording support for injured shoulders. J. M. Jacks. 1,991,677; Feb. 19.
 Slip. E. Burns and H. P. Wickersham. 1,999,279; Apr. 30.
 Slip. E. Burns and H. P. Wickersham. 2,012,337; Aug. 27.
 Slip. E. Burns and H. P. Wickersham. 2,023,663; Dec. 10.
 Slip. C. Geisenheimer. 1,995,609; Mar. 26.
 Slip. M. C. Hennessy. 2,009,926; July 30.
 Slip. V. L. Sussberg. 1,995,212; Mar. 19.
 Slip. H. P. Wickersham and E. Burns. 2,012,329; Aug. 27.
 Slip coupling. J. McClelland. 1,996,341; Apr. 2.
 Slip indicator. R. F. Good. 1,996,760; Apr. 9.
 Slip, Light weight. W. A. Abegg. 2,010,938; Aug. 13.
 Slip or petticoat. O. L. Hunley. 2,014,620; Sept. 17.
 Slip sheets, Manufacturing. L. E. Grove. 2,020,177; Nov. 5.
 Slippage permitting clamp. R. L. McCoy. 1,991,690; Feb. 19.
 Slipper and making same. G. P. Naidor. 2,016,788; Oct. 8.
 Slipper and shoe. I. A. Bernstein. 2,022,455; Nov. 26.
 Slipper-napkin for drinking receptacles. A. S. Sanders. 2,017,168; Oct. 15.
 Slit filter. T. F. Mandahl. 2,000,490; May 7.
 Slit unit for optical instruments. G. Fassin. 2,021,232; Nov. 19.
 Slitting and crushing device, Combined. R. M. Johnstone and L. C. Borloz. 2,000,175; May 7.
 Slitting apparatus. C. W. Leguillon. 1,994,137; Mar. 12.
 Slitting fixture for piston rings. J. C. Linn. 2,000,239; May 7.
 Slitting machine. C. E. Coleman and L. B. Molyneux. 2,006,943; July 2.
 Slitting machine. J. P. Smith. 1,996,176; Apr. 2.
 Slitting means. R. M. Johnstone. 1,998,929; Apr. 23.
 Slitting mechanism for paper making machines. C. W. Valentine. 2,003,404; June 4.
 Silver coiler and can therefor. C. Holdsworth. 2,018,261; Oct. 22.
 Silver conveying apparatus. G., N., and J. Fraser. 2,022,113; Nov. 26.
 Silvers into silver cans or other similar receptacles, Apparatus for delivering. W. S. Suffern. 2,011,019; Aug. 13.
 Slop, Treating distillery. H. L. King. 2,008,584; July 16.
 Slow-opening valve. W. A. Ray. 2,005,266; June 18.
 Slub catcher for beam warpers. C. H. Moody. 2,017,349; Oct. 15.
 Slub detector. J. L. Bitter and K. Baumert. 1,988,350; Jan. 15.
 Sludge digesting tank. H. L. Thackwell. 2,023,295; Dec. 3.
 Sludge digestion. H. E. Babbitt and H. E. Schlenz. 1,987,888; Jan. 15.
 Sludge sewage treatment, Activated. W. Ralsch. 1,999,058; Apr. 23.
 Sludge treatment. L. B. Smith. 1,997,980; Apr. 16.
 Slug and aperture for check controlled apparatus. O. H. Goetz. 2,008,415; July 16.
 Slug casting machine. W. Ackerman. 2,007,951; July 16.
 Slug casting machine. J. H. Hilpman. 2,019,856; Nov. 5.
 Slug casting machine. G. P. Kingsbury. 2,018,132; Oct. 22.
 Slug casting machine. R. R. Mead. 2,008,461; July 16.
 Slug casting machine. A. J. Stouges. 2,023,557; Dec. 10.
 Slug galley for typographical machines. W. Williams. 2,020,269; Nov. 5.
 Slug, slot, and aperture for check controlled apparatus. O. H. Goetz. 2,008,416; July 16.
 Slugs for use in extrusion processes, Method of and apparatus for forming. W. T. Davis and J. A. McGinnis. 1,996,905; Apr. 9.
 Sluice, Emergency. K. Schön. 1,997,314; Apr. 9.
 Sluice gate. E. B. Phillips. 2,015,366; Sept. 24.
 Sluiceway regulator. J. A. Leonard. 2,009,234; July 23.
 Sluicing mechanism for portable cranes. M. Molinelli. 2,012,399; Aug. 27.
 Slur eliminator for printing presses. H. Honigmann. 1,995,426; Mar. 26.
 Slurries, Aerating. A. H. Harrison. 1,995,540; Mar. 26.
 Slush pump. M. W. Carroll. 2,023,405; Dec. 10.
 Smoke consumer. O. Mahaffey. 2,013,921; Sept. 10.
 Smoke, Device for measuring the density of. H. E. Bumgardner. 2,008,199; July 16.
 Smoke regulator for pipe stems, cigarettes, and/or cigar holders and the like. J. H. Murphy. 2,017,351; Oct. 15.
 Smoke wads and machine for making the same. B. Aivaz. 1,993,728; Mar. 12.
 Smokeless boiler. C. A. Olson and J. P. Magos. 2,020,264; Nov. 5.
 Smoker's accessory. R. W. Parkinson. 2,004,537; June 11.
 Smoker's appliance. H. T. Kirkland, C. H. Sapper, H. B. Lasting, and J. Elkin. 2,006,897; July 2.
 Smoker's appliance. C. H. Sapper, H. T. Kirkland, H. B. Lasting, and J. Elkin. 2,006,905; July 2.
 Smoker's appliance. C. D. Tousey. 2,021,436; Nov. 19.
 Smoker's item. G. Droop. 2,006,015; June 25.
 Smoker's pipe. R. W. Banks. 1,995,086; Mar. 19.
 Smoker's sanitary appliance. J. B. Cullen. 1,996,990; Apr. 9.
 Smoker's stand. H. F. Reichenbach. 2,009,593; July 30.
 Smoker's tool. W. Leidel. 2,011,720; Aug. 20.
 Smoking charge. J. L. Brown. 1,989,130; Jan. 29.
 Smoking device. J. T. Fisher. 2,011,478; Aug. 13.
 Smoking pipe. S. Kanter. 2,006,808; July 2.
 Smoking pipe. P. F. Nelson. 1,988,211; Jan. 15.
 Smoking pipe. W. M. O'Neal. 1,996,119; Apr. 2.
 Smoking pipe. H. M. Perry. 1,994,448; Mar. 12.
 Smoking pipe. O. T. Robertson. 2,003,156; May 28.
 Smoking pipe. S. S. Schaffer. 2,005,873; June 25.
 Smoking pipe. M. Schnaier. 2,024,540; Dec. 17.
 Smoking pipe. E. R. Stant. 2,014,511; Sept. 17.
 Smoking pipe attachment. A. Christensen. 2,006,296; June 25.
 Smoking pipe cover. E. A. W. Fehring. 1,994,036; Mar. 12.
 Smoking stand. W. J. Campbell. 2,000,920; May 14.
 Smoothness tester. R. A. Masten. 2,019,541; Nov. 5.
 Snap acting valve. M. S. Unger and C. W. Robertshaw. 1,988,026; Jan. 15.
 Snap action device. S. P. Vaughn. 1,988,345; Jan. 15.
 Snap action valve. L. C. Smith. 2,010,500; Aug. 6.
 Snap fastener. F. Thiele. 2,013,528; Sept. 3.
 Snap fastener attached clip member. R. F. Walters. 1,995,370; Mar. 26.
 Snap fastener device. N. A. Dill. 2,012,241; Aug. 20.
 Snap fastener installation, Separable. M. F. Carr. 1,999,990; Apr. 30.
 Snap fastener member. M. F. Carr. 1,995,632; Mar. 26.
 Snap fastener socket and installation thereof, Separable. M. F. Carr. 2,015,049; Sept. 17.
 Snap fastener stud. C. L. Knutson. 2,014,971; Sept. 17.
 Snap fastening for skis, Automatic. E. Elster. 2,026,084; Dec. 31.
 Snap-hook for fishing tackle, Double. P. E. Wiberg. 1,998,035; Apr. 16.
 Snap-on sign receptacle. C. T. von Holtz. 2,012,979; Sept. 3.
 Snap operating mechanism. C. T. Evans. 2,000,322; May 7.
 Snap switch. S. C. Winger. 2,011,788; Aug. 20.
 Snipper, Onion. W. E. Urschel. 1,995,694; Mar. 26.
 Snowmobile, Front drive. E. Gobeil. 2,023,015; Dec. 3.
 Snowplow. J. Schubert. 2,014,783; Sept. 17.
 Snowplow. C. C. Thornhill. 2,024,551; Dec. 17.
 Snowplow. E. A. Weeks. 2,022,393; Nov. 26.
 Snowplow attachment for motor trucks. C. H. Frink. 2,006,761; July 2.
 Snow-plow, Combination. F. Williams. 2,005,392; June 18.
 Snow removing device. S. Severson. 1,987,313; Jan. 8.
 Snubbed truck spring. T. H. Symington. 1,989,433; Jan. 29.
 Snubber. T. E. Nelson. 2,007,832; July 9.
 Snuffer composition. F. M. Clark. 2,019,339; Oct. 29.
 Snuffer for oil lamps and lanterns. C. Irvine. 2,022,719; Dec. 3.
 Soap and derivatives thereof, Utilizing floating. P. Hodges. 1,992,949; Mar. 5.

- Soap and massage articles, Combined. D. H. Bottrill. 2,007,107; July 2.
- Soap, Apparatus for producing. B. Clayton and R. E. Burns. 2,019,776; Nov. 5.
- Soap base, Refining a. J. W. Bodman. 2,005,333; June 18.
- Soap cake. T. Backen. 2,012,862; Aug. 27.
- Soap cake. G. Voorhis. 2,011,129; Aug. 13.
- Soap cake, Reinforced. J. S. Stone. 1,997,474; Apr. 9.
- Soap chilling roll. A. O. Hurxthal. 1,994,360; Mar. 12.
- Soap crutcher, Continuous. R. V. Burt. 2,024,425; Dec. 17.
- Soap dispenser. L. Florence. 2,009,083; July 23.
- Soap dispenser. G. Voorhis. 2,011,128; Aug. 13.
- Soap dispenser, Liquid. E. E. Still. 2,020,916; Nov. 12.
- Soap dispenser, Powdered. W. A. Dudley. 1,993,401; Mar. 5.
- Soap frame stripper. J. Woerner. 2,020,755; Nov. 12.
- Soap holder. W. R. Anderson. 2,006,980; July 2.
- Soap lather dispenser. C. C. Smith. 1,987,756; Jan. 15.
- Soap manufacture. C. E. Kaitenbach. 2,007,974; July 16.
- Soap powder. C. Ellis. 1,999,184; Apr. 30.
- Soap powders, Manufacture of. C. W. Moore and H. Ballyntyne. 2,004,670; June 11.
- Soap, Recovering green acid. R. E. Beard and E. N. Roberts. 1,997,566; Apr. 16.
- Soap, Spray drying. T. E. Hall. 1,985,987; Jan. 1.
- Soaps and related products, Treatment of alkylolamine. W. J. Hund and L. Rosenstein. 2,007,166; July 9.
- Soaps and the like, Method and apparatus for handling. G. French. 2,010,661; Aug. 6.
- Soaps, Making metallic. W. J. O'Brien and G. H. Mutersbaugh. 2,013,667; Sept. 10.
- Soaps, Manufacture of disinfecting. W. Schulenburg. 1,993,686; Mar. 5.
- Soap, Producing. B. Clayton and R. E. Burns. 2,019,775; Nov. 5.
- Soaps, Producing high-percent transparent. W. Pape. 2,005,160; June 18.
- Sock and making the same. L. J. Byer. 2,015,844; Oct. 1.
- Socket. S. Cizin. 1,990,402; Feb. 5.
- Socket adapter, Lamp. C. L. Goodlin and T. J. O'Meara. 2,004,200-1; June 11.
- Socket and casing, Electric. F. C. Kollath. 2,018,134; Oct. 22.
- Socket and current tap, Lamp. G. B. Benander. 1,995,879; Mar. 26.
- Socket and plug, Explosionproof. N. A. Tornblom. 1,995,195; Mar. 19.
- Socket and shade fixture, Electric. I. Litner. 2,020,691; Nov. 12.
- Socket and switch, Combination. M. J. Butler. 1,995,700; Mar. 26.
- Socket, Candle. R. Popp. 1,996,029; Mar. 26.
- Socket, Decorative lamp. J. W. Brooks and M. N. Russell. 1,997,716; Apr. 16.
- Socket, Electric. F. C. Kollath and D. Woodhead. 1,988,321; Jan. 15.
- Socket, Electric. J. Weritz and D. Hirschfield. 2,011,024; Aug. 13.
- Socket, Electric fuse. L. Schmidt, Jr. 2,018,323; Oct. 22.
- Socket, Electric lamp. R. R. and W. E. Rach. 2,016,557; Oct. 8.
- Socket, Electric lamp. F. W. Slady. 2,001,317; May 14.
- Socket, Electric light. J. G. Smith and R. Berner. 2,013,793; Sept. 10.
- Socket, Electric pull chain. H. J. Cook. 2,006,195; June 25.
- Socket, Electrical. H. D. Blake. 2,025,564; Dec. 24.
- Socket, Electrical. R. R. Titus. 1,997,270; Apr. 9.
- Socket, Electrical lamp. R. Popp. 1,996,028; Mar. 26.
- Socket fixture. L. R. MacLellan. 1,988,627; Jan. 22.
- Socket for artificial limbs. T. Kohl. 2,002,064; May 21.
- Socket for bolts, Anchoring. G. F. Croissant. 2,018,251; Oct. 22.
- Socket for interchangeable lamps in a projector, Adjustable. H. C. Welman. 2,014,076; Sept. 10.
- Socket for vacuum tubes and the like. M. Alden. 2,023,190; Dec. 3.
- Socket for vacuum tubes and the like. E. F. Bessey. 2,017,940; Oct. 22.
- Socket, Lamp. W. H. Rowe. 2,016,121; Oct. 1.
- Socket, Nonresilient. D. I. Reiter. 2,014,699; Sept. 17.
- Socket, One-piece. D. I. Reiter. 1,988,331; Jan. 15.
- Socket, Plug. H. L. Strongson. 2,024,547; Dec. 17.
- Socket, Plug. J. W. Van Noorden. 2,014,056; Sept. 10.
- Socket plug, Electric. G. A. Eberhardt. 1,987,772; Jan. 15.
- Socket, Pull chain. F. E. Johnson. 2,001,425; May 14.
- Socket, Radio tube. R. M. Heintz. 2,000,563; May 7.
- Socket, Radio tube. C. E. Kilgour. 1,992,432; Feb. 26.
- Socket, Rope. W. F. Bird. 1,988,829; Jan. 22.
- Socket, Separable snap fastener. M. F. Carr. 2,010,506; Aug. 6.
- Socket shell, Electric lamp. G. H. Elwell. 1,990,729; Feb. 12.
- Socket slide. D. I. Reiter. 1,989,379; Jan. 29.
- Socket, Vacuum tube. D. R. De Tar. 2,026,420; Dec. 31.
- Socket, Weatherproof. C. Batebolts. 2,003,622; June 4.
- Socket with removable elements, Series. R. W. Corwin. 2,001,379; May 14.
- Socket with renewable elements, Series. R. B. Benjamin. 2,001,376; May 14.
- Socket wrench. F. V. Winchester. 2,009,538; July 30.
- Sod ditch check. S. E. Capps. 1,990,855; Feb. 12.
- Sod edging tool. J. Fickes. 2,007,826; July 9.
- Sod treater. J. Pick. 2,020,571; Nov. 12.
- Soda fountain carbonating plant and the like and method thereof. J. R. Price. 1,992,633; Feb. 26.
- Soda solutions, Treating caustic. H. M. Broadhurst. 2,003,734; June 4.
- Sodium aluminate, Making. R. E. Cushing and C. W. Burkhart. 2,018,607; Oct. 22.
- Sodium auto-thiomalate, Manufacture of. M. Delépine. 1,994,213; Mar. 12.
- Sodium bisulphate composition, Flaked. E. R. Boller. 1,998,605; Apr. 23.
- Sodium carbamate and ammonium chloride, Production and recovery of. R. B. MacMullin. 2,003,378; June 4.
- Sodium carbonate decahydrate, Manufacture of. G. L. Cunningham. 2,024,679; Dec. 17.
- Sodium carbonate monohydrate, Manufacture of. R. B. MacMullin. 2,005,868.
- Sodium chloride composition, Flaked. E. R. Boller. 2,018,633; Oct. 22.
- Sodium hydroxide, Treatment of. R. E. Burk and E. C. Hughes. 2,020,932; Nov. 12.
- Sodium hypochlorite and product thereof, Manufacture of stable. C. W. Kuehne. 1,996,769; Apr. 9.
- Sodium luminair. C. A. B. Halvorson. 2,017,716; Oct. 15.
- Sodium nitrate. W. Strathmeyer. 2,021,927; Nov. 26.
- Sodium phenyl and its derivatives and preparing them. M. Bockmühl and G. Ehrhart. 2,012,372; Aug. 27.
- Sodium plumbite solution, Regenerating. F. W. Stone and J. N. Garclison. 2,022,550; Nov. 26.
- Sodium salt of 1-phenyl-2,3-dimethyl-pyrazolonyl-4-amino-methylenesulphoxylic acid and its preparation. I. I. Ostromislensky. 2,011,255; Aug. 13.
- Sodium sesquicarbonate to sodium monohydrate, Converting. R. B. MacMullin and G. L. Cunningham. 1,994,892; Mar. 19.
- Sodium sulphate and the like, Producing. M. Larsson. 2,025,756; Dec. 31.
- Sodium vapor lamp. J. W. Marden. 2,019,613; Nov. 5.
- Sodium with hydrocarbons, Reactions of. N. D. Scott. 2,019,832; Nov. 5.
- Sodium with hydrocarbons, Reaction of. N. D. Scott. 2,023,793; Dec. 10.
- Soft clip. W. J. Carroll. 1,993,358; Mar. 5.
- Soil, Apparatus for and method of electrically treating. F. W. Opp. 2,007,383; July 9.
- Soil conditioning machine. E. Kluck and A. Genzman. 2,010,458; Aug. 6.
- Soil erosion by windstorms, Preventing. M. S. Willing. 2,011,131; Aug. 13.
- Soil, Fertilizing. C. B. de Bruyn. 2,020,824; Nov. 12.
- Soil moisture, System for supplying, controlling, and measuring. L. A. Richards. 2,023,490; Dec. 10.
- Soil pulverizer. J. F. Rhodes. 2,004,393; June 11.
- Soil renovator. G. H. Woods. 2,008,891; July 23.
- Soil sterilizer. R. J. Parsons. 1,996,708; Apr. 2.
- Soil testing apparatus. R. V. Labarre. 1,993,103; Mar. 5.
- Solar ray apparatus. F. A. Gill. 1,993,213; Mar. 5.
- Solar water heater. M. Niederle. 1,989,999; Feb. 5.
- Solder. E. J. Kratz. 1,988,010; Jan. 15.
- Solder. C. Wunderle. 2,025,323; Dec. 24.
- Solder, Aluminium. F. Strasser. 1,993,490; Mar. 5.
- Solder coupling. A. H. Herr. 2,005,189; June 18.
- Solder extruding machine. A. S. Berry. 2,021,828; Nov. 19.
- Solder for aluminum and its alloys. A. Lüschenowsky. 2,004,372; June 11.
- Solder, Manufacture of. J. E. Dempsey. 2,013,340; Sept. 3.
- Solder, Silver. H. Turner. 2,001,639; May 14.
- Soldering. A. Sambras. 2,007,308; July 9.
- Soldering apparatus for can bodies and the like. W. V. Kruse. 2,023,232; Dec. 3.
- Soldering flux. H. B. Dykstra. 1,990,273; Feb. 5.
- Soldering flux. R. E. Müller. 1,989,557; Jan. 29.
- Soldering machine. C. S. Vreeland, Jr. 1,996,131; Apr. 2.
- Soldering means. H. W. Birk. 2,018,117; Oct. 22.
- Soldering tool, Electric. J. D. Forney. 2,014,728; Sept. 17.
- Solderless connector. C. L. Peirce, Jr. 1,997,430; Apr. 9.
- Solderless connector. H. J. L. Frank. 2,015,177; Sept. 24.
- Sole affixing machine. W. C. Card, Jr. 2,005,610; June 18.
- Sole-affixing machine. E. T. Franzen. 2,005,616; June 18.
- Sole and heel, Detachable. E. M. Dignan. 1,988,485; Jan. 22.
- Sole and heel for boots and shoes. C. M. Riddock. 2,016,178; Oct. 1.
- Sole and like product, Inner. M. J. Vittengl. 2,003,961; June 4.
- Sole and sole fitting. C. E. Hood. 2,020,417; Nov. 12.
- Sole attaching apparatus. J. T. Lancaster. 2,026,391; Dec. 31.
- Sole channeling machine. J. C. Dobyne. 2,012,122; Aug. 20.
- Sole cutting and splitting machine. F. Sbicca, J. T. Yovanovich, and S. Baroni. 2,021,811; Nov. 19.
- Sole fitting machine. F. E. Bertrand. 2,015,064; Sept. 24.
- Sole fitting machine. C. E. Hood. 2,020,416; Nov. 12.
- Sole for shoes, Repair. O. Brockman. 2,016,070; Oct. 1.
- Sole, Inner. E. Lattemann. 2,008,985; July 23.
- Sole portions of lasted uppers, Mechanism for roughening the. J. M. Rohrer. 1,993,753; Mar. 12.
- Sole press. G. A. Mussells. 2,018,684; Oct. 29.

- Sole pressing machine. E. E. Winkley. 1,993,128; Mar. 5.
- Sole pressing means and method of making shoes. S. J. Finn. 2,024,154; Dec. 17.
- Sole pressing member for shoe presses. J. Lieberman. 2,024,696; Dec. 17.
- Sole pressing pad. F. R. Merritt. 2,017,982; Oct. 22.
- Sole reinforcing plate. J. T. Riddell. 2,002,869; May 28.
- Sole, Tap. S. Capezio. 2,011,435; Aug. 13.
- Sole treating machine. C. G. Brostrom. 1,988,780; Jan. 22.
- Sole welting and the like, Calk. W. C. Vizard. 2,011,958; Aug. 20.
- Soles for boots and shoes, Method of and apparatus for preparing. C. E. Hood. 1,987,827; Jan. 15.
- Soles, Method and machine for operating on. E. E. Winkley. 2,020,344; Nov. 12.
- Soles, Method of and machine for fitting. L. Servonnat. 1,995,326; Mar. 26.
- Soles, Preparing. A. S. Johnson. 1,992,213; Feb. 26.
- Soles, Pressing. C. F. Freeman. 1,991,348; Feb. 12.
- Soles, Tempering leather. W. C. Wright. 2,005,765; June 25.
- Soles to shoes, Attaching rubber. A. D. Macdonald. 2,024,235; Dec. 17.
- Soles to shoes, Attaching leather. A. D. Macdonald. 2,024,236; Dec. 17.
- Solenoid construction. B. N. Foster. 1,987,555; Jan. 8.
- Solid particles from gases, System for the precipitation of. C. C. Levy. 2,010,599; Aug. 6.
- Solid particles, Separating. S. E. T. Ewing and J. L. Willey. 1,997,514; Apr. 9.
- Solid plunger liner pump. E. E. Stevenson. 1,992,402; Feb. 26.
- Solid products containing alkali hypochlorite, Manufacture of. F. Albertshausen. 1,988,991; Jan. 22.
- Solid seasoning composition containing capsicum and chloride. C. L. Griffith and L. A. Hall. 1,995,119; Mar. 19.
- Solid seasoning composition, Nonbleaching. C. L. Griffith and L. A. Hall. 1,995,120; Mar. 19.
- Solid seasoning composition, Stabilized. C. L. Griffith and L. A. Hall. 1,995,121; Mar. 19.
- Solids, Apparatus for distributing. C. B. Woodward, R. B. Keefe, and E. W. Colt. 1,994,263; Mar. 12.
- Solids, Distributing. C. B. Woodward, R. B. Keefe, and E. W. Colt. 1,991,645; Feb. 19.
- Solids from fluids, Apparatus for removing. F. W. Kerns and W. Ebert. 2,012,567; Aug. 27.
- Solids from liquids, Apparatus and method for separating. G. J. Fowler. 2,021,122; Nov. 12.
- Solids from liquids, Method and apparatus for separating. F. Stindt. 1,988,612; Jan. 22.
- Solids from liquids, Separating. M. Loeb. 2,022,118; Nov. 26.
- Solids, Process of and apparatus for measuring reduction in size of. R. M. Hardgrove. 2,016,779; Oct. 8.
- Solids, Treating. C. I. Haney. 1,999,411; Apr. 30.
- Solids with gaseous media, Method and apparatus for treating. N. C. Christensen. 1,988,541; Jan. 22.
- Solids with liquid, Treating. P. LaF. Magill. 2,004,332; June 11.
- Soluble, Mining a. E. N. Trump. 2,009,535; July 30.
- Soluble, System for mining a. E. N. Trump. 2,009,534; July 30.
- Solution and method for removing silver from the back of mirrors. S. S. Boyd. 1,994,633; Mar. 19.
- Solution component separator. M. W. Kenney and J. D. Jordan. 2,007,276; July 9.
- Solution components and effecting separation thereof, Separating. J. D. Jordan. 2,003,543; June 4.
- Solution components in refrigerating systems, Separating. M. W. Kenney, J. D. Jordan, H. M. Threlkeld. 2,010,547; Aug. 6.
- Solution components, Separating. M. W. Kenney. 2,021,691; Nov. 19.
- Solution for use in testing wells. G. H. Ennis. 1,994,761; Mar. 19.
- Solution of morphine, Stable. A. Steinbreck. 2,005,667; June 18.
- Solution, Sterilizing. L. J. Benson. 2,024,755; Dec. 17.
- Solution, Viscose. R. Elssner. 2,000,887; May 7.
- Solutions, Apparatus for use in testing. M. W. Baden. 1,992,458; Feb. 26.
- Solutions, Concentrating. W. L. Badger. 1,996,988; Apr. 9.
- Solutions containing hardenable phenol-aldehyde resins and air drying fatty oils, Preparing solid or liquid. F. Seebach. 1,988,465; Jan. 22.
- Solutions from cellulose, Manufacture of. O. Faust. 2,014,761; Sept. 17.
- Solutions in vacuum, Uniformly freezing. D. K. Warner. 2,009,283; July 23.
- Solutions of alkali metal salts of sulphurous acid, Production of. G. Haglund. 2,010,077; Aug. 6.
- Solutions of alkoxyphenols. W. Kropp. 2,025,869; Dec. 31.
- Solutions of fibroin. H. Fink and E. Rossner. 1,989,005; Jan. 22.
- Solutions of salts of picolinic acid, Preparation of. M. A. Dahlen and S. R. Detrick. 2,009,043; July 23.
- Solutions of silk fibroin, Manufacture of. H. Fink, K. Weber, and L. von Wistinghausen. 2,010,918; Aug. 13.
- Solutions of the sodium salt of diamino-dioxy-arsenobenzenemethylsulphonic acid and the products, Manufacture of stable. B. Reuter. 1,986,749; Jan. 1.
- Solvent composition. J. J. Grebe, S. M. Stoesser, and L. E. Mills. 1,989,478; Jan. 29.
- Solvent extraction of hydrocarbon oil. C. F. Teichmann. 2,015,046; Sept. 17.
- Solvent extraction of petroleum distillates. J. V. Starr. 2,022,259; Nov. 26.
- Solvent for absorption refrigerating machines. G. F. Zellhoefer. 1,991,240; Feb. 12.
- Solvent for absorption refrigeration plants. G. F. Zellhoefer. 1,991,188; Feb. 12.
- Solvent for acetyl cellulose. J. F. Walsh and A. F. Caprio. 2,002,069; May 21.
- Solvent from cellulosic plastics, Removal of. J. H. Clewell and F. V. Wemple. 2,019,115; Oct. 29.
- Solvent in preparing outsoles, Application of. J. W. French. 2,014,472; Sept. 17.
- Solvent, Lacquer. H. E. Hofmann and J. G. Park. 2,006,166; June 25.
- Solvent losses in fabric cleaning, Process and apparatus for reducing. R. von Grüber-Rehenburg and R. Stöbe. 2,001,656; May 14.
- Solvent refining of hydrocarbon oil. L. A. Clarke. 2,000,690; May 7.
- Solvent refining of hydrocarbon oil. L. A. Clarke. 2,020,290; Nov. 12.
- Solvent refining of hydrocarbon oil. R. E. Manley. 2,000,707; May 7.
- Solvent refining of hydrocarbon oil. E. F. Pevere. 1,998,399; Apr. 16.
- Solvent, Rubber. W. Seaman and G. L. Matheson. 1,996,001; Mar. 26.
- Solvent used in dry cleaning, Reclaiming. S. C. Smith. 1,994,372; Mar. 12.
- Solvents, Apparatus for treatment with. C. F. Dinley. 1,987,586; Jan. 8.
- Solvents by fermentation, Manufacture of. J. F. Loughlin. 1,996,428; Apr. 2.
- Solvents from plastic colloids, Removing. H. P. Bassett. 2,017,177; Oct. 15.
- Solvents, Manufacture of. J. M. Sherman and N. M. Erb. 2,017,572; Oct. 15.
- Sonic locator system. A. J. Muchow. 2,018,463; Oct. 22.
- Soot blower, Oscillatory. F. C. Arey. 2,012,901; Aug. 27.
- Soot collector. J. Newman. 2,014,287; Sept. 10.
- Soot separator. K. Beck. 1,996,608; Apr. 2.
- Sorter or separator. E. C. Saint-Jacques. 1,994,049; Mar. 12.
- Sorting and counting from statistical record-cards, Apparatus for. C. Campbell. 2,000,214; May 7.
- Sorting and printing machine. F. L. Fuller. 1,989,976; Feb. 5.
- Sorting and weighing machine, Potato. H. King and L. Wyse. 2,016,204; Oct. 1.
- Sorting apparatus. I. W. Hoover. 1,999,875; Apr. 30.
- Sorting apparatus for substances of different densities. F. J. B. Berry. 2,006,126; June 25.
- Sorting device. J. W. Armbruster. 1,989,840; Feb. 5.
- Sorting machine. L. E. Barnes. 2,010,130; Aug. 6.
- Sorting machine. A. Kendoff. 1,987,509; Jan. 8.
- Sorting machine. C. D. Lake. 2,000,237; May 7.
- Sorting machine. M. Maul. 2,000,404; May 7.
- Sorting machine. R. B. Paris. 1,991,516; Feb. 19.
- Sorting machine. P. Rieger. 2,003,790; June 4.
- Sorting machine for record cards. M. Maul. 2,025,602; Dec. 24.
- Sorting table. S. J. Fairchild. 1,990,227; Feb. 5.
- SO₂ from flue gases, Apparatus for removing. H. F. Johnstone. 2,021,937; Nov. 26.
- SO₂ from flue gases, Removal of. H. F. Johnstone. 2,021,936; Nov. 26.
- SO₂ Producing. F. W. de Jahn and J. D. Jenssen. 1,992,295; Feb. 26.
- Sound absorbing composition. G. D. King. 1,996,033; Mar. 26.
- Sound absorbing composition. C. K. Roos. 1,996,032; Mar. 26.
- Sound absorbing construction. K. Slidell. 1,992,509; Feb. 26.
- Sound absorbing construction. K. Slidell. 1,994,439; Mar. 12.
- Sound absorbing material. J. Mazer. 2,001,916; May 21.
- Sound absorbing material, Producing. C. Birchby. 2,004,686; June 11.
- Sound absorbing structure. L. A. Paley. 1,997,596; Apr. 16.
- Sound-absorbing unit and making the same. J. Mazer. 2,001,970; May 21.
- Sound-absorbing unit and making the same, Preformed. D. N. Halstead. 2,021,359; Nov. 19.
- Sound accurately, Apparatus and method for recording. T. H. Nakken. 1,993,616; Mar. 5.
- Sound actuated device. H. R. Widen. 2,003,765; June 4.
- Sound amplification, Adjusted. C. M. R. Balbi. 2,003,875; June 4.
- Sound and action reproduction, Synchronized. E. Brewer. 2,009,337; July 23.
- Sound and light distributing apparatus, Combined. G. O. Squier. 1,999,579; Apr. 30.
- Sound and picture system. E. H. Smythe. 2,000,198; May 7.
- Sound and picture system. E. H. Synthe. 2,024,608; Dec. 17.
- Sound apparatus. L. J. Buckley. 1,985,881; Jan. 1.
- Sound, Apparatus for recording and reproducing. A. C. Hardy. 2,010,951; Aug. 13.

- Sound, Apparatus for reproducing. I. Brimberg. 1,991,727; Feb. 19.
- Sound, Apparatus for reproducing. A. A. Kucher. 1,998,461; Apr. 23.
- Sound attenuating device. R. B. Bourne. 2,017,744-8; Oct. 15.
- Sound-box construction. J. M. Lucarelle. 2,007,128; July 2.
- Sound deadener. A. B. Strouse. 1,988,880; Jan. 22.
- Sound deadening structure. G. D. Kellogg. 2,001,733; May 21.
- Sound detecting apparatus. H. C. Hayes. 2,008,713; July 23.
- Sound emitting system. C. L. Florisson. 2,012,187; Aug. 20.
- Sound from a printed impression on paper of light fluctuations, Device and process for obtaining. M. Grossman. 2,006,890; July 2.
- Sound from a sound record, System for reproducing. J. H. Hammond, Jr. 2,008,824-5; July 23.
- Sound from a sound record, System for reproducing. J. H. Hammond, Jr. 2,009,229; July 23.
- Sound gate. J. G. Stewart. 1,997,088; Apr. 9.
- Sound generator, Magneto-strictive. H. C. Hayes. 2,005,741; June 25.
- Soundhead. F. J. Loomis and E. W. Reynolds. 2,019,147; Oct. 29.
- Sound intensity in low-frequency distribution systems, Device more particularly for controlling the. W. Six. 1,990,099; Feb. 5.
- Sound modification, Method of and apparatus for. R. M. White. 2,000,806; May 7.
- Sound negative for direct production of sounds. R. Schmidt. 1,988,812; Jan. 22.
- Sound-on-film, Apparatus for producing. L. de Forest. 1,992,201; Feb. 26.
- Sound on film, Apparatus for recording. S. C. Whitman. 1,999,951; Apr. 30.
- Sound on film apparatus, Recording and projecting. R. Evans. 1,999,754; Apr. 30.
- Sound picture screen. H. Hertzberg. 2,019,675; Nov. 5.
- Sound, Process and apparatus for recording. R. L. A. Nublat. 1,993,246; Mar. 5.
- Sound-producing apparatus. H. F. Waters. 2,014,674; Sept. 17.
- Sound producing box. C. R. Luce. 2,019,425; Oct. 29.
- Sound producing device. L. J. Grubman. 1,998,082; Apr. 16.
- Sound producing device. N. Simon. 2,025,181; Dec. 24.
- Sound propagating apparatus. E. Pellegatti. 2,018,740; Oct. 29.
- Sound propagating diaphragm and hoop. R. H. Hiers and H. A. Hiers. 2,009,060; July 23.
- Sound radiator. F. Ovenhausen. 1,994,866; Mar. 19.
- Sound receiver. H. C. Hayes. 2,015,674; Oct. 1.
- Sound receiving apparatus. F. W. Kallmeyer. 2,019,495; Nov. 5.
- Sound record. H. J. Billings. 1,994,093; Mar. 12.
- Sound record. B. C. Bren. 1,997,572; Apr. 16.
- Sound record, Flexible. S. Whyte. 1,997,398; Apr. 9.
- Sound record for optic sound reproduction. F. Crudo. 2,018,200; Oct. 22.
- Sound recorder and reproducer. A. C. Keller and I. S. Rafuse. 1,990,548; Feb. 12.
- Sound, Recording. G. L. Dimmick. 1,999,721; Apr. 30.
- Sound recording. J. G. Frayne. 1,986,569; Jan. 1.
- Sound recording. L. Goldhammer and F. Sochor. 2,014,495; Sept. 17.
- Sound recording. R. Schmidt. 1,990,843; Feb. 12.
- Sound recording. A. F. Victor. 2,019,280; Oct. 29.
- Sound, Recording. A. Whitaker and C. O. Browne. 2,001,005; May 14.
- Sound recording and reproducing. J. H. Hammond, Jr. 1,993,929; Mar. 12.
- Sound recording and reproducing apparatus. H. Kubo. 2,012,133; Aug. 20.
- Sound recording and reproducing system. A. C. Keller. 2,014,528; Sept. 17.
- Sound recording apparatus. G. L. Dimmick. 2,022,495; Nov. 26.
- Sound recording apparatus. B. Kreuzer. 1,999,700; Apr. 30.
- Sound recording apparatus. F. E. Runge and A. G. Zimmerman. 2,015,886; Sept. 24.
- Sound recording device, Regenerative. B. Kwartin. 2,005,425; June 18.
- Sound recording system. W. A. MacNair. 2,018,374; Oct. 22.
- Sound recording system. J. P. Maxfield. 2,019,616; Nov. 5.
- Sound recording system. J. A. Miller. 2,024,942; Dec. 17.
- Sound recording system. R. A. Miller. 1,993,795; Mar. 12.
- Sound recording system. S. Noguchi. 2,019,020; Oct. 29.
- Sound recording system. W. M. Patterson. 1,994,920; Mar. 19.
- Sound recording system. R. R. Scoville. 1,991,178; Feb. 12.
- Sound recording system, Piezo-electric crystal reflecting mirror. S. C. Whitman. 2,012,797; Aug. 27.
- Sound records, System for correcting. R. J. Pomeroy. 2,010,959; Aug. 13.
- Sound reproducer. P. L. Jensen. 2,014,621; Sept. 17.
- Sound reproducer and optical system therefor. J. A. Mauer, Jr. 2,019,152; Oct. 29.
- Sound reproducer and projector, Pneumatic. W. C. Eaves and C. F. Dilks. 2,003,880; June 4.
- Sound reproducing apparatus. M. C. Batsel. 2,005,068; June 18.
- Sound reproducing apparatus. V. H. Severy. 1,998,465; Apr. 23.
- Sound reproducing apparatus. W. O. Swinyard. 2,020,166; Nov. 5.
- Sound reproducing apparatus. R. E. Tolerton. 2,007,484; July 9.
- Sound reproducing device. M. H. Page. 2,014,537; Sept. 17.
- Sound reproducing device. C. M. Tichenor and B. C. Booth. 1,991,526; Feb. 19.
- Sound reproducing device, Dual. E. A. Rockwell. 1,995,461; Mar. 26.
- Sound reproducing device, Intermittent. M. J. Sullivan. 1,998,105; Apr. 16.
- Sound reproducing diaphragm and making the same. J. B. Hawley. 2,013,955; Sept. 10.
- Sound reproducing diaphragms, Making. S. W. McKellip. 1,989,015; Jan. 22.
- Sound reproducing system. J. H. Hammond, Jr. 2,008,701; July 23.
- Sound reproducing system. J. H. Hammond, Jr. 2,008,704-5; July 23.
- Sound reproducing system. J. H. Hammond, Jr. 2,008,707; July 23.
- Sound reproducing system. J. H. Hammond, Jr. 2,008,712; July 23.
- Sound reproducing system. J. H. Hammond, Jr. and E. S. Purington. 2,008,706; July 23.
- Sound reproducing system. H. A. Henning. 2,025,388; Dec. 24.
- Sound reproducing system. E. R. Hentschel. 2,000,840; May 7.
- Sound reproducing system. E. W. Kellogg. 2,017,153; Oct. 15.
- Sound reproducing system. D. F. Newman. 2,004,583; June 11.
- Sound reproducing system. H. T. O'Neil and H. K. Dunn. 2,018,466; Oct. 22.
- Sound reproducing system and apparatus. L. J. Simons. 1,996,034; Mar. 26.
- Sound reproduction. W. H. Offenhauser, Jr. 2,018,315; Oct. 22.
- Sound reproduction projector. G. B. Scheibell. 2,005,596; June 18.
- Sound reproduction system, Plastic. W. S. Halstead. 2,022,665; Dec. 3.
- Sound, Rerecording. J. V. Maresca. 2,022,473; Nov. 26.
- Sound resonating and amplifying attachment. J. P. Truesdell. 1,999,919; Apr. 30.
- Sound signal. R. M. Critchfield. 1,994,574; Mar. 19.
- Sound signal. R. M. Critchfield. 2,012,754; Aug. 27.
- Sound signal. R. M. Critchfield. 2,018,491; Oct. 22.
- Sound, Testing recorded. H. H. Beverage. 1,989,965; Feb. 5.
- Sound translating device. E. C. Guedon. 2,020,605; Nov. 12.
- Sound translating device. A. S. Ringel. 1,986,856; Jan. 8.
- Sound transmission system. J. P. Maxfield. 2,019,615; Nov. 5.
- Sound transmitting system. L. G. Bostwick. 2,025,374; Dec. 24.
- Sound volume regulator. J. Bethenod. 1,990,060; Feb. 5.
- Sound wave apparatus. C. W. Rice. 2,016,906-7; Oct. 8.
- Sound with motion pictures, System for synchronizing. E. H. Hansen. 2,002,111; May 21.
- Sounds emitted from mechanical devices, Apparatus for determining the loudness of. H. B. Vincent. 1,992,453; Feb. 26.
- Sounds recorded by means of photograms, Reproduction of. R. Berthon. 2,024,563; Dec. 17.
- Sounds, Recording. S. Watanabe. 2,004,453; June 11.
- Sowing device. F. Blackney. 2,017,804; Oct. 15.
- Space discharge device and making it. V. O. Allen. 1,993,767; Mar. 12.
- Space discharge devices, System for energizing. B. F. Miessner. 2,001,148; May 14.
- Space heater. G. Browning. 2,015,251; Sept. 24.
- Space heater. H. L. Finley. 2,017,238; Oct. 15.
- Spacer means for dual wheels. F. W. Burger. 2,001,407; May 14.
- Spacers, rules, or the like, Making. F. J. Lemieux. 2,007,301; July 9.
- Spacing apparatus for punch presses and the like. L. E. Anderson. 1,989,071; Jan. 29.
- Spacing device for automobile jacks. A. N. Raymond. 2,009,239; July 23.
- Spacing for typewriters and the like, Apparatus for obtaining variable. W. O. Bell. 2,011,887; Aug. 20.
- Spading device for road finishing machines. A. W. French. 1,987,898; Jan. 15.
- Spaghetti and macaroni machine. J. Garzia. 1,999,926; Apr. 30.
- Spar, Purifying natural heavy. J. and M. Müller. 2,005,296; June 18.
- Spare tire cover. G. A. Lyon. 1,986,153; Jan. 1.
- Spare wheel carrier. F. C. Burnett and G. S. Adams. 2,003,853; June 4.
- Spark and valve timing control, Automatic. H. L. Duncan. 2,011,571; Aug. 20.
- Spark arrester. J. A. Johnson. 2,010,862; Aug. 13.
- Spark arrester. V. Richard. 2,015,367; Sept. 24.

- Spark arrester. T. Ritchie. 2,011,200; Aug. 13.
 Spark arrester. C. M. Rogers. 2,020,378; Nov. 12.
 Spark arrester. C. F. Russell. 2,017,732; Oct. 15.
 Spark control for internal combustion engines. J. R. Price. 2,016,023; Oct. 1.
 Spark extinguisher. C. G. Brostrom. 1,991,445; Feb. 19.
 Spark extinguisher, Engine. C. F. Gerlinger. 2,002,027; May 21.
 Spark gap for X-ray apparatus. H. G. Fischer, P. P. Musket, and H. H. Osborn. 2,024,350; Dec. 17.
 Spark generating system. D. W. Randolph and H. Rabezzana. 2,003,466; June 4.
 Spark plug. F. M. Anthony. 1,989,670-1; Feb. 5.
 Spark plug. C. E. Bernström. 1,991,780; Feb. 19.
 Spark plug. R. H. Cobb. 2,012,657; Aug. 27.
 Spark plug. R. J. L. Dutterer. 2,002,529; May 28.
 Spark plug. J. J. Fernandez. 1,987,612; Jan. 15.
 Spark plug. L. M. Field. 2,007,948; July 9.
 Spark plug. J. E. Healey. 1,992,071; Feb. 19.
 Spark plug. A. E. Hornback. 2,010,991; Aug. 13.
 Spark plug. R. T. Hurley. 1,996,421; Apr. 2.
 Spark plug. T. Irvin and J. A. Pearce. 1,998,158; Apr. 16.
 Spark plug. I. Lampitt. 2,008,617; July 16.
 Spark plug. C. Lehman and O. E. Lehman. 2,014,260. Sept. 10.
 Spark plug. B. O. Lemoine. 2,025,994; Dec. 31.
 Spark plug. W. E. Letterman. 2,004,119; June 11.
 Spark plug. R. Palazzolo. 1,990,347; Feb. 5.
 Spark plug. J. W. Parkin, Sr. 1,987,024; Jan. 8.
 Spark plug. H. Rabezzana. 1,995,483; Mar. 26.
 Spark plug. O. C. Rohde. 2,020,965; Nov. 12.
 Spark plug. A. M. Spurway. 2,026,143; Dec. 31.
 Spark plug. N. F. Stockbridge and D. H. Corbin. 1,993,388; Mar. 5.
 Spark plug. L. J. Tetlow. 2,002,803; May 28.
 Spark plug. L. J. Tetlow. 2,025,914; Dec. 31.
 Spark plug. H. Vincent. 2,021,928; Nov. 26.
 Spark plug. H. Walters. 2,012,699; Aug. 27.
 Spark plug and making the same. O. C. Rohde. 2,020,966-7; Nov. 12.
 Spark plug cleaner. S. G. Baliko. 2,007,844; July 9.
 Spark plug cleaner. H. Rabezzana. 2,018,741; Oct. 29.
 Spark plug, Cooled and shielded. R. T. Hurley. 1,996,422; Apr. 2.
 Spark plug gap gauge. H. Rabezzana. 1,993,896; Mar. 12.
 Spark plug provided with an ionizing catalytic element. C. Michel. 2,022,140; Nov. 26.
 Spark plug servicing stand. T. W. Pedersen. 2,009,589; July 30.
 Spark plug, Shielded. A. S. Simsack. 1,999,117; Apr. 23.
 Spark plug tester. W. and F. L. Borchert. 1,990,772; Feb. 12.
 Spark plug with supported gap. A. E. Anderson. 2,017,364; Oct. 15.
 Sparking gaps, Device for ionizing. G. P. Capart. 1,996,854; Apr. 9.
 Spat. J. Hertzberg. 1,989,418; Jan. 29.
 Spat. P. J. McClure. 2,021,189; Nov. 19.
 Spatula. C. Van Der Kuy. 1,997,953; Apr. 16.
 Speaker cone. R. R. Du Puy. 2,010,352; Aug. 6.
 Speakers, Making dynamic. J. P. Quam. 2,020,212; Nov. 5.
 Spear and releasable hammer. O. J. McCullough. 2,020,561; Nov. 12.
 Specific gravity indicator. F. E. E. Booss. 2,005,671; June 18.
 Specimen supporting device. D. C. Scott. 2,002,552; May 28.
 Spectacle and eyeglass case. A. J. Pratt. 2,012,829; Aug. 27.
 Spectacle frame. E. Pappert. 1,996,684; Apr. 2.
 Spectacle frames, Forming. A. J. Wolff. 2,003,846; June 4.
 Spectacle front. E. Pappert. 1,996,683; Apr. 2.
 Spectacle goggles. M. Helfenstein. 2,015,475; Sept. 24.
 Spectacle temple. G. M. Hefner. 2,012,759; Aug. 27.
 Spectacle temple and making the same. J. J. Rohrback. 1,988,423; Jan. 15.
 Spectacles. W. R. Brown. 1,991,270; Feb. 12.
 Spectacles. W. H. Grimbail. 2,023,523; Dec. 10.
 Spectacles, Adjustable foci. C. E. Masters. 2,006,645; July 2.
 Spectacles and spectacle frames. G. H. Wingate. 1,986,089; Jan. 1.
 Speculum. O. W. Hiner. 2,011,445; Aug. 13.
 Speculum, Nasal and aural. W. J. Cameron. 2,012,597; Aug. 27.
 Speech transmission, Method and system for. J. C. Steinberg. 1,998,824; Apr. 23.
 Speed and direction of rotation by reversing a constant speed motor, Apparatus for changing. B. Lazich. 1,991,756; Feb. 19.
 Speed and position regulating. H. M. Stoller. 1,999,376-7; Apr. 30.
 Speed apparatus, Change. L. Saives. 2,024,538; Dec. 17.
 Speed caliper, Direct reading. H. B. Lebman and M. F. Arias. 2,011,226; Aug. 13.
 Speed change device. W. H. Johnson. 2,014,476; Sept. 17.
 Speed change gearing device. A. B. Clark. 2,019,174; Oct. 29.
 Speed change mechanism. C. Gerst. 2,009,133; July 23.
 Speed-change unit. E. S. Bush. 1,997,855; Apr. 16.
 Speed changing device. H. Svensson. 1,995,333; Mar. 26.
 Speed clutching mechanism, Selective. J. Pondelicek. 1,990,999; Feb. 12.
 Speed control. A. N. Geyer. 1,998,005; Apr. 16.
 Speed control apparatus. J. L. Brown. 1,991,079; Feb. 12.
 Speed control apparatus. J. L. Brown and J. H. Blannenbuehler. 1,991,078; Feb. 12.
 Speed control device for centrifugal governors, Variable. M. J. Heinzmann. 2,025,347; Dec. 24.
 Speed control for motor vehicles or the like. S. A. B. Hamilton, Jr. 1,997,057; Apr. 9.
 Speed control for shears for cutting rolled material. H. Nehlsen. 2,023,851; Dec. 10.
 Speed control means. W. H. Foster. 1,987,006; Jan. 8.
 Speed control means for spinning machines. G. R. Townsend. 2,011,022-3; Aug. 13.
 Speed control mechanism. S. A. B. Hamilton. 2,023,018; Dec. 3.
 Speed control mechanism. D. F. Warner and R. G. Standerwick. 2,020,977; Nov. 12.
 Speed control mechanism. E. E. Winkley. 1,994,330; Mar. 12.
 Speed control mechanism, Adjustable. J. W. Tatter. 1,987,275; Jan. 8.
 Speed control of internal combustion engines. G. H. Paulin and F. H. Horner. 1,986,846; Jan. 8.
 Speed control system for automobiles. J. S. Sylvester, Jr., and A. R. Catheron. 1,990,354; Feb. 5.
 Speed controlled brake. G. W. Baughman. 2,014,875; Sept. 17.
 Speed controlled brake. T. Tarisien. 2,024,669; Dec. 17.
 Speed controlled brake. E. Wagner. 2,024,672; Dec. 17.
 Speed controller for hydraulic motor. J. K. Douglas. 2,004,522; June 11.
 Speed controlling means for spinning machines. W. A. Mayor. 2,011,065; Aug. 13.
 Speed cutting mechanism, Variable. G. W. Swift, Jr. 1,997,608; Apr. 16.
 Speed device, Variable. R. W. Stanley. 2,020,480; Nov. 12.
 Speed gear device, Automatically variable change. D. W. Berlin. 2,012,652; Aug. 27.
 Speed gear, Differential hydraulic. H. Ernst. 1,998,004; Apr. 16.
 Speed indicating apparatus, Audible. D. E. Cummins. 1,989,685; Feb. 5.
 Speed keying, High. L. L. Young. 2,025,797; Dec. 31.
 Speed mechanism, Change. P. F. Martinuzzi. 2,014,905; Sept. 17.
 Speed mechanism, Change. F. M. Vaudervort. 1,998,034; Apr. 16.
 Speed mechanism, Change. F. M. Vandervort. 2,015,736; Oct. 1.
 Speed mechanism, Hydraulic change. L. Robln and M. Van Roggen. 2,017,375; Oct. 15.
 Speed mechanism, Variable. D. Low. 2,019,424; Oct. 29.
 Speed mechanism, Variable. J. J. Rothwell, Jr., and L. M. Stuart. 2,002,585; May 28.
 Speed of engines, Mechanism for changing and governing the. W. R. Spiller. 2,001,590; May 14.
 Speed of internal combustion engines, Device for controlling the. C. W. Bull. 2,005,771; June 25.
 Speed of motor cars and the like, Changing of. M. Babenco, S. Bachrach, and M. Raiber. 2,006,784; July 2.
 Speed power transmitting mechanism, Dynamo electric variable. N. Japolsky. 1,987,479; Jan. 8.
 Speed protective system, High. J. W. McNairy. 2,008,511; July 16.
 Speed ratio control, Automatic. G. Fleische. 1,993,544; Mar. 5.
 Speed ratios, Apparatus for progressively changing. G. Fleischel. 1,996,915; Apr. 9.
 Speed reducer. W. B. Gaffner. 2,019,343; Oct. 29.
 Speed reducing mechanism. L. V. Andrews. 1,988,105; Jan. 15.
 Speed reducing mechanism. S. S. Cramer. 1,991,845; Feb. 19.
 Speed reducing mechanism for driving airplane propellers. N. H. Gilman. 2,011,855; Aug. 20.
 Speed registering device, Golf ball. D. Hincks. 1,994,706; Mar. 19.
 Speed regulating device. G. F. Townsend. 1,994,626; Mar. 19.
 Speed regulating mechanism. D. G. Merrill. 1,999,774; Apr. 30.
 Speed regulator. I. J. Larson and J. J. Hoeft. 2,002,150; May 21.
 Speed regulator. S. R. Oldham. 2,021,196; Nov. 19.
 Speed regulator, Air controlled. R. H. Ranger, V. T. Braman and C. E. Nelson. 2,003,552; June 4.
 Speed regulator for internal combustion engine. E. Boudin. 2,016,589; Oct. 8.
 Speed repeater, High. L. M. Potts. 1,992,632; Feb. 26.
 Speed-responsive device. A. Edelman and C. G. Stone. 1,995,606; Mar. 26.
 Speed take-up mechanism, Variable. W. H. Kimpton and S. M. Fulton. 1,996,815; Apr. 9.
 Speed tension impact machine, Variable. R. K. Haskell and H. C. Mann. 2,022,666; Dec. 3.
 Speed transmission. R. E. Grey, B. L. Boynton and B. K. Kirkpatrick. 2,022,663; Dec. 3.
 Speed transmission, Change. O. H. Banker. 2,012,296; Aug. 27.
 Speed transmission device, Variable. D. Heyer. 1,993,547; Mar. 5.

- Speed transmission device, Variable. D. E. and E. F. Lewellen. 2,024,460; Dec. 17.
- Speed transmission device, Variable. N. J. Oak. 2,008,992; July 23.
- Speed transmission mechanism, Automatic change. O. H. Banker. 1,996,790; Apr. 9.
- Speed transmission mechanism (shifting mechanism for additional gear ratio), Change. C. D. Peterson. 1,991,694; Feb. 19.
- Speed transmission mechanism (shifting mechanism for additional gear ratio), Change. C. D. Peterson. 2,011,501; Aug. 13.
- Speed transmission mechanism, Variable. F. A. Hayes. 1,986,264; Jan. 1.
- Speed transmission system, Variable. R. W. Stanley. 2,008,048; July 16.
- Speed transmission, Variable. A. Y. Dodge. 2,003,108; May 28.
- Speed transmission, Variable. A. Y. Dodge. 2,011,101; Aug. 13.
- Speed transmission, Variable. A. Happel. 2,000,593; May 7.
- Speed transmission, Variable. F. L. Orr. 1,990,345; Feb. 5.
- Speed transmission, Variable. W. L. G. Pollard. 2,020,123; Nov. 5.
- Speed transmission, Variable. W. P. Schmitter. 2,016,248; Oct. 1.
- Speed variator. L. M. Sheridan. 2,014,954; Sept. 17.
- Speed wrench. O. M. Gross. 2,022,855; Dec. 3.
- Speedometer. W. J. Abel. 1,992,563; Feb. 26.
- Speedometer. C. Stoecklin. 1,992,252; Feb. 23.
- Spherometer. D. C. Dundon. 2,010,144; Aug. 6.
- Sphygmomanometer. I. Laufman and A. L. Laufman. 2,020,469; Nov. 12.
- Spigot, Metal. O. J. Leins. 2,021,731; Nov. 19.
- Spike, Athletic shoe. M. Goldenberg. 2,006,637; July 2.
- Spike driving machine. C. Jackson. 2,018,129; Oct. 22.
- Spike, Railroad track. R. E. Keough. 2,009,849; July 30.
- Spike, Removable golf. E. E. Sturgeon. 1,998,342; Apr. 16.
- Spike, Shoe. F. E. Gaines. 2,011,275; Aug. 13.
- Spillage device for bag filling machines. A. S. Chandler. 2,001,485; May 14.
- Spinal column, Device for normalizing nonorganic fixation of the vertebral. B. E. Walstrom. 2,026,332; Dec. 31.
- Spindle. E. H. Erhard. 2,017,957; Oct. 22.
- Spindle, Artificially mounted. H. E. Brunner. 2,001,566; May 14.
- Spindle bearing. W. Stahlecker and J. Raible. 2,025,787; Dec. 31.
- Spindle. Cotton picking. E. A. Johnston. 1,996,247; Apr. 2.
- Spindle construction. J. W. Parker. 2,017,290; Oct. 15.
- Spindle doffer guard. E. H. Erhard. 2,017,956; Oct. 22.
- Spindle, Double twist twisting. O. Bochmann and W. Lenk. 2,013,023; Sept. 3.
- Spindle, Double twist twisting. W. Lenk. 2,025,460; Dec. 24.
- Spindle drive mechanism. H. Z. Cobb and R. S. Francis. 2,002,629; May 28.
- Spindle, Dyeing. W. Geidner. 2,006,763; July 2.
- Spindle feed and drive mechanism for machine tools. K. F. Gallimore. 1,987,675; Jan. 15.
- Spindle feed mechanism. L. E. Poole. 2,006,746; July 2.
- Spindle for grinding wheels, Auxiliary. J. Bath and S. W. Bath. 2,021,536; Nov. 19.
- Spindle gear shaping machine, Progressive multiple. E. W. Miller. 1,990,240; Feb. 5.
- Spindle machine, Automatic multiple. A. E. Drissner. 1,996,368; Apr. 2.
- Spindle machine, Multiple. W. J. Bryant and M. H. Arms. 1,990,469; Feb. 12.
- Spindle metal working apparatus, Multiple. E. P. Bullard. 2,023,779; Dec. 10.
- Spindle, Permanent wave. B. J. Moore. 2,013,831; Sept. 10.
- Spindle rail lifting mechanism. H. A. Owen. 2,019,794; Nov. 5.
- Spindle reel. F. M. Littell. 2,012,452; Aug. 27.
- Spindle shaper. W. J. Merrigan. 1,989,285; Jan. 29.
- Spindle, Spinning. G. Kuwada. 2,024,584; Dec. 17.
- Spindle structure. C. R. Alden. 2,012,677; Aug. 27.
- Spindle swing. R. J. Bartholomew. 1,993,584; Mar. 5.
- Spindle, Textile. W. Whitehead. 1,992,592; Feb. 26.
- Spindle unit for multiple spindle machines. R. A. Carlson. 2,017,527; Oct. 15.
- Spindle with doffer guard. E. H. Erhard. 2,017,958; Oct. 22.
- Spindles, Arrangement on double twist twisting. R. Langwicker. 2,022,424; Nov. 26.
- Spinner cowl. R. Chilton. 2,018,012; Oct. 22.
- Spinneret for the manufacture of rayon. G. M. Allen. 1,999,072; Apr. 23.
- Spinning and twister frame. F. E. Banfield, Jr. G. B. Nutting, and W. O. Wright. 2,005,725; June 25.
- Spinning and twisting frame, Double action. W. Cox and G. W. Pearson. 2,017,307; Oct. 15.
- Spinning apparatus. E. J. Abbott. 2,020,757; Nov. 12.
- Spinning apparatus for tension. W. H. Bradshaw. 2,012,984; Sept. 3.
- Spinning cakes, Device for supporting. J. J. Stoeckly. 2,011,167; Aug. 13.
- Spinning centrifuge. O. Bochmann. 1,992,602; Feb. 26.
- Spinning, doubling, and twisting machinery. S. Z. de Ferranti. 2,008,064; July 16.
- Spinning, doubling, and twisting machinery. S. Z. de Ferranti. 2,010,179; Aug. 6.
- Spinning frame. H. A. Owen. 2,004,343; June 11.
- Spinning frame. H. A. Owen and J. H. Broadhurst. 2,025,174; Dec. 24.
- Spinning frame draft roll cleaner. W. M. Spring. 2,022,832; Dec. 3.
- Spinning, Long draft. J. L. Truslow. 2,020,483; Nov. 12.
- Spinning machine. F. Piron. 1,990,613; Feb. 12.
- Spinning machine whirl. T. A. Darr. 1,998,360; Apr. 16.
- Spinning, Method of and apparatus for. W. Whitehead. 2,017,113; Oct. 15.
- Spinning or twisting device. A. M. Bowen. 2,020,873; Nov. 12.
- Spinning or twisting device. G. H. Gilligan. 2,017,620; Oct. 15.
- Spinning or twisting machine. P. Boutry. 2,016,190; Oct. 1.
- Spinning process. G. Jacobs. 1,994,313; Mar. 12.
- Spinning process and apparatus. A. J. L. Moritz. 2,018,565; Oct. 22.
- Spinning, Process of and apparatus for. P. E. Harrison. 1,986,813; Jan. 8.
- Spinning ring. L. Lichtman. 2,012,395; Aug. 27.
- Spinning ring, Free running. G. Kuwada. 2,017,313; Oct. 15.
- Spinning solutions for the manufacture of soft-luster rayon. R. S. Bley. 1,987,095; Jan. 8.
- Spins, Device for stretching. A. W. O. Montag. 2,020,199; Nov. 5.
- Spiral fabric. C. E. Pink. 2,017,014; Oct. 8.
- Spirits, Apparatus for aging alcoholic. L. L. Drew. 2,017,235; Oct. 15.
- Splash guard for vehicle wheel fenders. G. F. Bahr. 2,012,921; Aug. 27.
- Splicer, Belt. D. E. and E. F. Lewellen. 2,007,401; July 9.
- Spline shaft, Involute. J. L. Matthews and A. C. C. Hansen. 2,015,430; Sept. 24.
- Splint. F. Clarke. 2,016,958; Oct. 8.
- Splint. F. I. and F. I. Saemann, Jr., and R. Gennat. 1,997,018; Apr. 9.
- Splint. S. B. van Dalsem. 2,012,488; Aug. 27.
- Splint appliance, Surgical. J. R. Siebrandt. 2,010,328; Aug. 6.
- Splint, Hip. B. W. Culver and C. J. Carlisle. 2,020,399; Nov. 12.
- Splint for fingers, hands, lower arms and feet, Combination adjustable. O. J. Gee. 2,022,883; Dec. 3.
- Splint, Leg. C. I. Allen. 2,024,325; Dec. 17.
- Splint, Surgical reduction and extension. E. E. Longfellow. 2,007,127; July 2.
- Split phase motor. C. J. Werner. 1,991,035; Feb. 12.
- Splitting machine. H. Lyon. 1,994,584; Mar. 19.
- Splitting machine. R. B. Woodcock and H. Boothroyd. 2,012,293; Aug. 27.
- Spoil or other suitable substances, Elevation and disposal of. C. W. F. Hamilton. 2,008,354; July 16.
- Spoke for the drive-wheel of automobiles, adjustable. W. E. Curry. 2,013,711; Sept. 10.
- Spoke tightening and upsetting device. W. M. Keith. 1,998,509; Apr. 23.
- Spoke welding, Method and apparatus of. J. P. Tarbox, A. F. Hanson and G. B. Reed. 2,014,240; Sept. 10.
- Spokes for wheels provided with a suspended hub, Securing and tensioning resilient. E. Rimalho. 2,022,217; Nov. 26.
- Sponge, Manufacture of artificial. G. Plepp. 2,011,160; Aug. 13.
- Sponge rubber and manufacturing the same. C. F. Fleming. 2,019,489; Nov. 5.
- Sponge rubber, Manufacturing. H. R. Minor. 2,017,217; Oct. 15.
- Sponge rubber sheet material having broken cells, said cells being filled with fertilizer, insecticides, or plastic fillers. A. C. Fischer. 2,023,270; Dec. 3.
- Sponges, Manufacture of artificial. W. Johannes. 2,026,177; Dec. 31.
- Spool. G. D. Atwood. 2,020,011; Nov. 5.
- Spool. M. W. Becker. 2,016,311; Oct. 8.
- Spool. C. K. Dunlap. 2,021,992; Nov. 26.
- Spool. E. G. Ellstrom and W. P. Hicks. 2,003,663; June 4.
- Spool. C. H. Forney and C. R. MacDonald. 1,997,770; Apr. 16.
- Spool. A. Laveau. 1,999,765; Apr. 30.
- Spool. W. L. Rutkowski. 2,009,152; July 23.
- Spool. J. K. Taylor. 1,992,257-8; Feb. 26.
- Spool and bobbin. H. D. Clinton. 1,987,991; Jan. 15.
- Spool and coil body. H. D. Isenberg. 1,997,641; Apr. 16.
- Spool and protector therefor. E. Hoffman. 2,024,223; Dec. 17.
- Spool, Collapsible. S. D. Gumney and R. H. Carter. 1,999,606; Apr. 30.
- Spool, Dyeing. T. T. Davies. 2,021,050; Nov. 12.
- Spool holder. A. Kaplan. 2,001,100; May 14.
- Spool holder. J. T. Murchie, Jr. 2,002,412; May 21.
- Spool making machine, Automatic all-metal. J. G. Jones and H. G. Dewey. 2,005,375; June 18.
- Spool, Metallic. G. F. Walter. 1,991,435; Feb. 19.
- Spool, Processing. J. C. Wichmann. 2,011,331; Aug. 13.
- Spool rack. R. H. Carter. 2,015,548; Sept. 24.
- Spool, Ribbon. P. B. Weis. 2,006,663; July 2.
- Spool, Steaming. F. R. Reutter. 1,999,422; Apr. 30.

- Spool, Steaming. E. H. Tompkins. 1,999,379; Apr. 30.
 Spool support and lifter. I. R. Rowe. 2,026,067; Dec. 31.
 Spool, Textile. H. D. Clinton. 1,987,990; Jan. 15.
 Spool, Typewriter ribbon. J. C. Kuckhoff. 2,016,205; Oct. 1.
 Spool winding machine. C. B. Warren. 1,999,672; Apr. 30.
 Spool, Yarn. E. F. Hathaway. 2,020,243; Nov. 5.
 Spooling device. N. H. Nye. 2,016,510; Oct. 8.
 Spooling machine. E. G. Crooks. 1,996,366; Apr. 2.
 Spooling machine. T. J. Nunan. 2,016,046; Oct. 1.
 Spools, Welding. J. G. Jones and H. G. Dewey. 2,006,458; July 2.
 Spoon. M. Hess. 2,004,756; June 11.
 Spoon. F. C. Ribley. 2,012,637; Aug. 27.
 Spoon and making the same. S. Jennings, Jr. 2,016,861; Oct. 8.
 Spoon, Fishing. H. L. Parker. 1,986,282; Jan. 1.
 Spoon holder. G. O. Matter. 1,991,364; Feb. 19.
 Spoon, Measuring. W. E. Schauer. 1,998,969; Apr. 23.
 Spoon, Trolling. W. J. Eggleston. 1,991,142; Feb. 12.
 Spoon, Trolling. C. T. Pfeuger. 1,992,766; Feb. 26.
 Sports arena and the accessories thereto. G. F. Cahill. 2,004,888; June 11.
 Spot and flood light, Combination. T. Hall. 1,991,744; Feb. 19.
 Spotlight. E. R. Marsters. 2,025,064; Dec. 24.
 Spotlight. J. K. Russell. 2,014,454; Sept. 17.
 Spot welding fixture. E. J. Gray. 2,020,830; Nov. 12.
 Spot welding process and apparatus. H. E. Fox. 2,014,082; Sept. 10.
 Spout and closure for containers, Detachable pouring. A. Read. 2,010,892; Aug. 13.
 Spout and shower diverter valve, Combination. R. H. Zinkil and E. A. Fredrickson. 2,022,875; Dec. 3.
 Spout attachment for cans, Pouring. C. F. Lindeburg. 2,015,079; Sept. 24.
 Spout, Container pouring. J. M. Hothersall. 2,013,655; Sept. 10.
 Spout, Detachable pouring. E. F. Dilley. 2,024,913; Dec. 17.
 Spout, Filling and dispensing. G. W. Cooke. 2,019,251; Oct. 29.
 Spout for containers. J. M. Cross. 2,018,882; Oct. 29.
 Spout for hose nozzles. J. W. Howell. 2,004,203; June 11.
 Spout, Multiple outlet. M. T. Bentzen. 2,012,846; Aug. 27.
 Spout, Pouring. L. M. Reynolds. 2,013,361; Sept. 3.
 Spout, Valvular filler. W. T. Etzel. 2,008,299; July 16.
 Spout, Valvular filler. W. T. Etzel. 2,024,631; Dec. 17.
 Spray. A. H. Levene. 1,989,013; Jan. 22.
 Spray coating exhaust system. A. R. Clark. 1,989,270; Jan. 29.
 Spray coating machine. C. C. Willis. 2,003,778; June 4.
 Spray composition. M. O. Johnson. 2,013,272; Sept. 3.
 Spray composition. F. F. Lindstaedt. 2,022,246; Nov. 26.
 Spray device. E. O. Bulman. 1,997,854; Apr. 16.
 Spray device. F. F. Conwill. 2,009,652; July 30.
 Spray device. J. R. McDermet. 2,012,454; Aug. 27.
 Spray device. M. Vartanian. 2,016,158; Oct. 1.
 Spray drying apparatus. A. K. Doolittle. 1,989,406; Jan. 29.
 Spray fume exhaust system. S. Bramsen. 2,014,962; Sept. 17.
 Spray gun. A. M. Herbsman and R. B. Campbell. 1,992,426; Feb. 26.
 Spray head. G. H. Buzzard and R. W. Tracy. 2,004,033; June 4.
 Spray head. F. H. Knowlton. 1,996,545; Apr. 2.
 Spray head. R. W. Tracy. 2,019,941; Nov. 5.
 Spray head, Safety showerbath. I. Herzbrun, and C. F. Schultis. 2,010,455; Aug. 6.
 Spray head, Shower bath. R. C. Boyd. 2,012,623; Aug. 27.
 Spray, Livestock. G. J. Malherbe. 2,023,140; Dec. 3.
 Spray material. E. L. Green. 2,004,788; June 11.
 Spray material, Active or toxic. E. L. Green. 2,004,789; June 11.
 Spray mechanism for dishwashers, Rotary. G. C. Ward, Jr. 2,016,880; Oct. 8.
 Spray pipe. W. F. Dray. 2,015,395; Sept. 24.
 Spray pump. E. W. Moody. 2,011,196; Aug. 13.
 Spray residue from fruit, Removing. H. C. McLean and A. L. Weber. 2,003,005; May 28.
 Spray tube. W. Leupold. 1,987,962; Jan. 15.
 Spray wheel. W. S. Bowen. 2,003,575; June 4.
 Sprayer. I. O. Altenburger. 2,006,908; July 2.
 Sprayer. B. I. Klein. 2,006,898; July 2.
 Sprayer. E. S. Lynger. 2,003,087; May 28.
 Sprayer, Knapsack. W. B. Parker. 1,986,407; Jan. 1.
 Sprayer. J. W. Patterson. 2,018,227; Oct. 22.
 Sprayer, Liquid. J. A. Jauregui. 1,988,737; Jan. 22.
 Sprayer, Steam. A. A. Breuer. 1,989,912; Feb. 5.
 Spraying apparatus. B. Healy. 1,991,388; Feb. 19.
 Spraying apparatus. J. S. Marshall. 2,024,938; Dec. 17.
 Spraying apparatus. A. T. Norwick. 1,988,017; Jan. 15.
 Spraying apparatus for liquids. R. D. McIntosh. 1,986,444; Jan. 1.
 Spraying and squirting device. F. Rother. 2,014,671; Sept. 17.
 Spraying apparatus. J. D. Tygart. 2,013,370; Sept. 3.
 Spraying apparatus for atomizing paint and other liquids. H. G. Lemoine. 2,014,942; Sept. 17.
 Spraying device. N. W. De Frees. 2,001,455; May 14.
 Spraying device. G. Schenk. 1,998,592; Apr. 23.
 Spraying device, Automobile windshield. S. J. Burress. 2,012,218; Aug. 20.
 Spraying freshly printed sheets with a subsequently solidifying liquid, Device for. K. Bergner. 1,987,046; Jan. 8.
 Spraying-machine. H. M. Brundrett. 1,986,756; Jan. 1.
 Spreader. R. E. Smith. 1,994,672; Mar. 19.
 Spreader. S. S. Swanson. 2,015,245; Sept. 24.
 Spreader-cap. E. R. Oldham. 2,011,414; Aug. 13.
 Spreader for applying coating material to pipes. R. G. Roberts. 2,007,004; July 2.
 Spreader or seeder, Lime and fertilizer. G. A. Lundy. 2,011,340; Aug. 13.
 Spreader, Making a. L. M. Elphinstone. 1,988,115; Jan. 15.
 Spreading apparatus. W. P. Burchett. 1,999,083; Apr. 23.
 Spreading apparatus. H. E. McCrery. 2,026,241; Dec. 31.
 Spreading attachment for dump trucks. W. Deicke. 1,994,812; Mar. 19.
 Spreading device. W. Whiting. 2,024,618; Dec. 17.
 Spreading device for concrete form work. E. P. Muntz. 1,991,256; Feb. 12.
 Spring; See—
 Auxiliary spring. India-rubber spring.
 Bed spring. Laminated spring.
 Box-shaped spring. Snubbed truck spring.
 Coil spring. Starter spring.
 Combination truck spring. Valve spring.
 Compound spring. Vehicle spring.
 Furniture spring. Wire spiral spring.
 Helical spring.
 Spring. H. L. Lieberman. 2,010,676; Aug. 6.
 Spring and axle construction for vehicles. H. J. Dillon. 1,995,500; Mar. 26.
 Spring and making the same, Flat. K. Kaden. 2,002,399; May 21.
 Spring and mattress support, Reversible bed. J. I. Parrish. 2,018,529; Oct. 22.
 Spring and shock absorber, Combination. E. R. Vaughn. 1,991,777; Feb. 19.
 Spring apparatus to raise overhead doors, Automatic. R. H. Greeger. 1,992,006; Feb. 19.
 Spring assembly, Cushion. W. E. Wunderlich. 2,017,032; Oct. 8.
 Spring assembly for upholstery and springs therefor. L. A. Suekoff. 2,021,528; Nov. 19.
 Spring assembling apparatus. G. A. Stackhouse. 1,993,189; Mar. 5.
 Spring assembling appliance. G. A. Stackhouse. 1,993,190; Mar. 5.
 Spring assembling machine. T. Erickson. 2,026,276; Dec. 31.
 Spring bottom for beds. M. Gursky. 1,991,205; Feb. 12.
 Spring clamp. H. L. Raabe. 1,989,823; Feb. 5.
 Spring clip. E. J. Walker. 1,998,296; Apr. 16.
 Spring clip for multiple leaf springs. H. D. Geyer. 1,987,189; Jan. 8.
 Spring closing device. H. C. Russell. 2,008,314; July 16.
 Spring coiling machine. J. Gogan. 2,018,209; Oct. 22.
 Spring connector. R. W. Cook. 2,001,835; May 21.
 Spring construction. A. A. Goerz. 2,026,228; Dec. 31.
 Spring construction. O. L. Goethel. 2,010,986; Aug. 13.
 Spring construction, Cushion. E. D. McNally. 2,013,573; Sept. 3.
 Spring construction, Vehicle. I. H. Wilcox. 2,007,735; July 9.
 Spring control. C. H. Chapin. 2,016,591; Oct. 8.
 Spring cover. S. Taylor. 2,012,931; Aug. 27.
 Spring-cushion. L. Trotta and H. Perlesz. 2,009,242; July 23.
 Spring dampener or cushion. J. L. Sjolander. 1,988,341; Jan. 15.
 Spring device. C. F. Hirschfeld. 1,996,512; Apr. 2.
 Spring drive. G. E. Le Count. 2,023,235; Dec. 3.
 Spring fastener. B. C. Place. 1,992,093; Feb. 19.
 Spring for ironing pads. C. E. Hamilton, Sr. 2,021,506; Nov. 19.
 Spring for ratchet mechanisms. L. L. Richardson. 2,013,765; Sept. 10.
 Spring for slides of measuring instruments, Stop and friction. J. A. Kadu. 1,998,018; Apr. 16.
 Spring for vehicles. F. Roller. 2,010,415; Aug. 6.
 Spring forming and quenching machine. J. F. Beans. 2,022,532; Nov. 26.
 Spring frame seat. F. J. Trainor. 2,006,421; July 2.
 Spring friction device. A. C. Davidson. 1,990,638; Feb. 12.
 Spring hinge, Double acting pivot. J. A. Bohnsack and T. V. Balch. 1,989,908; Feb. 5.
 Spring inserting machine, Upholstery. C. Lofman and K. Kaiser. 1,994,043; Mar. 12.
 Spring live wire connector. H. Caird. 2,009,289; July 23.
 Spring loaded valve. W. Fourness. 2,009,881; July 30.
 Spring motor, Self winding. A. Pate. 2,000,145; May 7.
 Spring nipple clamp. Y. H. Kurkjian. 2,006,358; July 2.
 Spring projector for automatic dish washing and drying machine. R. Burke. 1,997,450; Apr. 9.
 Spring shackle. G. E. Parker. 2,008,925; July 23.
 Spring shackle. R. Stevenson. 2,007,387; July 9.
 Spring shackle bearing. W. G. Calkins and A. J. Langhammer. 1,991,491; Feb. 19.
 Spring shackle link, Automotive. W. A. Tryon. 2,016,758; Oct. 8.
 Spring structure. W. A. Clark. 2,005,545-5; June 18.
 Spring structure. W. A. Clark. 2,021,405; Nov. 19.
 Spring structure. F. J. Hruza. 2,004,697; June 11.

- Spring structure. J. A. Konkel. 1,998,898; Apr. 23.
 Spring structure. C. E. Platt. 2,021,430; Nov. 19.
 Spring structure. C. S. Reed. 2,002,157-8; May 21.
 Spring structure. D. P. Schrier. 1,997,237; Apr. 9.
 Spring structure. G. A. Stackhouse. 1,993,188; Mar. 5.
 Spring structure. G. A. Stackhouse. 2,007,385; July 9.
 Spring structure. W. H. Wilmot. 1,989,302; Jan. 29.
 Spring structure for mattresses and the like. A. H. Droll. 2,016,872; Oct. 8.
 Spring support for road guards. E. V. Camp. 1,988,995; Jan. 22.
 Spring support for upholstered furniture. S. S. Bernstein. 2,014,611; Sept. 17.
 Spring suspension. P. F. Barbian. 2,007,173; July 9.
 Spring suspension. C. D. Rice. 1,987,365; Jan. 8.
 Spring suspension. H. A. Shaw. 1,998,641; Apr. 23.
 Spring suspension and torque apparatus for motor vehicles. L. E. Holman. 2,019,308; Oct. 29.
 Spring suspension, Automobile equalizer. H. C. Butler. 2,013,599; Sept. 3.
 Spring suspension for automobiles, Ring. O. R. Wikander. 1,998,477; Apr. 23.
 Spring suspension for railway cars. C. J. Holland. 1,990,379; Feb. 5.
 Spring suspension for vehicles. D. D. Arner. 2,025,263; Dec. 24.
 Spring suspension for vehicles. H. Law. 2,022,426; Nov. 26.
 Spring suspension for vehicles. W. A. Moir. 2,006,508; July 2.
 Spring suspension for vehicles. F. W. Stilwell. 2,025,622; Dec. 24.
 Spring suspension for vehicles. R. J. Stimson. 2,023,254; Dec. 3.
 Spring suspension mechanism for vehicles. H. C. Weaver. 2,005,513; June 18.
 Spring switch. E. A. Hoopes. 2,024,362; Dec. 17.
 Spring system for vehicles, Torsional. A. Patzig. 2,016,753; Oct. 8.
 Spring tester. E. W. Bitzer and H. W. Johnson. 1,992,987; Mar. 5.
 Spring tester. Coil. J. D. Morgan and P. B. Levitt. 2,018,219; Oct. 22.
 Spring thrust washer. W. K. Skolfield. 2,009,124; July 23.
 Spring winding machine. H. W. Weinhart. 2,021,276; Nov. 19.
 Springs, Apparatus for coiling compound torsion. F. Fuchs. 2,006,389; July 2.
 Springs together, Fastening. C. Dietrich. 2,002,080; May 21.
 Sprinkler. G. Buelna. 2,025,267; Dec. 24.
 Sprinkler. P. H. Eicholz. 1,987,999; Jan. 15.
 Sprinkler. J. Erickson and O. M. Lilliequist. 2,007,675; July 9.
 Sprinkler. J. Ghislain. 2,016,743; Oct. 8.
 Sprinkler. H. L. Henry. 2,002,178; May 21.
 Sprinkler. A. J. Loepsinger. 1,996,077; Apr. 2.
 Sprinkler. A. J. Loepsinger. 2,025,063; Dec. 24.
 Sprinkler. A. Netzband and B. Kowalski. 2,006,028; June 25.
 Sprinkler alarm mechanism. E. M. Benson. 1,990,264; Feb. 5.
 Sprinkler alarm mechanism. C. P. Howard. 2,019,134; Oct. 29.
 Sprinkler attachment for flatirons. A. V. Jackson and A. R. Jackson. 2,011,285; Aug. 13.
 Sprinkler, Clothes. W. A. O. Schultz. 1,995,400; Mar. 26.
 Sprinkler control, Lawn. C. Monthan. 1,992,877; Feb. 26.
 Sprinkler for athletic fields, Rotary. J. H. Keys. 2,013,849; Sept. 10.
 Sprinkler head. E. E. Lord. 2,003,052; May 28.
 Sprinkler head. J. L. Seat. 2,025,782; Dec. 31.
 Sprinkler head, Constant discharge. J. R. Hamilton. 1,997,404; Apr. 9.
 Sprinkler head for fire-extinguishing systems. A. C. Rowley. 2,004,833; June 11.
 Sprinkler head for shower baths. V. E. Schmiedeknecht. 2,000,792; May 7.
 Sprinkler head for shower baths. V. E. Schmiedeknecht. 2,006,688; July 2.
 Sprinkler, Lawn. J. H. Keys. 2,011,320; Aug. 13.
 Sprinkler, Lawn. C. E. Lindberg. 1,993,011; Mar. 5.
 Sprinkler, Lawn. M. E. Moore. 1,989,525; Jan. 29.
 Sprinkler, Oscillating. O. Wiederhold. 2,022,396; Nov. 26.
 Sprinkler, Rotary. E. G. Munz. 1,999,470; Apr. 30.
 Sprinkler system. J. E. Wallace and C. Dumas. 2,024,555; Dec. 17.
 Sprinkler system, Automatic. I. W. Knight. 2,022,671; Dec. 3.
 Sprinkler system, Automatic dry pipe. W. K. Hodgman, Jr. 2,021,148; Nov. 19.
 Sprinkler system, Domestic. J. B. Coleman. 2,017,841; Oct. 22.
 Sprinkler, Traveling. W. A. Buckner. 2,001,180; May 14.
 Sprinkler, Traveling. W. A. Buckner. 2,013,233; Sept. 3.
 Sprinkler support. E. W. Burgess. 1,988,159; Jan. 15.
 Sprinkler unit, Chemical. O. E. Current and A. J. Earl. 2,016,668; Oct. 8.
 Sprinkler, Water. M. A. Balaam. 1,987,814; Jan. 15.
 Sprinkler, Water. O. H. Englehart. 1,997,901; Apr. 16.
 Sprinkling device. C. W. Russell. 1,986,220; Jan. 1.
 Sprocket. J. Oakley. 1,986,598; Jan. 1.
 Sprue former. W. G. Maison. 2,011,818; Aug. 20.
 Spudding assembly. N. C. Ayers. 2,012,936; Sept. 3.
 Spuds and similar fittings in range boilers and other vessels, pipes, etc., Securing. H. W. Kamack. 2,005,087; June 18.
 Sputum receptacle. M. D. McKichan. 1,996,431; Apr. 2.
 Squalene derivative and making the same. H. M. Bunbury and W. A. Sexton. 1,991,999; Feb. 19.
 Square. M. S. Doyle. 2,026,274; Dec. 31.
 Square. C. E. Faust. 1,998,574; Apr. 23.
 Square, Bevel. G. A. Koelman. 1,994,023; Mar. 12.
 Square, Bevel. C. Thompson. 1,995,658; Mar. 26.
 Square shear gauge. H. C. Schlack. 2,005,829; June 25.
 Squeegee. A. Molander. 2,008,221; July 16.
 Squeegee and negative holder, Photographic vacuum. W. C. Huebner. 2,000,390; May 7.
 Squeezer and grater, Combined fruit. J. France. 2,024,917; Dec. 17.
 Squeezer, Collapsible tube. J. Lovrich. 2,013,389; Sept. 3.
 Squeezer, Lemon. A. W. Morris. 1,996,970; Apr. 9.
 Stability indicator for aeroplanes. G. Lorelli. 2,008,833; July 23.
 Stabilization of ships by means of liquid filled tanks. H. Hort. 2,024,822; Dec. 17.
 Stabilizer. J. M. Boykow. 1,996,055; Apr. 2.
 Stabilizer for gasoline. J. W. Orelup. 2,016,648; Oct. 8.
 Stabilizer for traversing hoist buckets. W. H. Towne. 2,004,451; June 11.
 Stabilizer for vehicles. H. Høme. 2,002,398; May 21.
 Stabilizer for vehicles. G. V. Woodling. 2,004,068; June 4.
 Stabilizer for vehicles, Automatic. M. L. Gianoli. 2,001,607; May 14.
 Stabilizer, Gas pressure. T. J. Stephens. 2,015,243; Sept. 24.
 Stabilizing apparatus. N. Minorsky. 2,017,072; Oct. 15.
 Stabilizing device. J. Fieux. 1,999,897; Apr. 30.
 Stabilizing material. W. Seltzer. 2,011,594; Aug. 20.
 Stabilizing means for a body subjected to the influence of angular motion. J. P. Watson. 2,014,825; Sept. 17.
 Stabilizing means for vehicles. B. D. McIntyre. 2,020,899; Nov. 12.
 Stadiometer. F. N. Hveem. 1,998,722; Apr. 23.
 Stacking apparatus, Automatic. F. B. Clark. 2,019,843; Nov. 5.
 Stacking machine. J. L. Gore. 2,020,027; Nov. 5.
 Stacks of paper sheets and softening said sheets. Method and apparatus for reducing the bulk of. C. P. Winter and D. A. Rosenthal. 1,989,048; Jan. 22.
 Staff holder. G. E. Gaus. 1,996,329; Apr. 2.
 Staff holder. G. E. Gaus. 2,004,786; June 11.
 Staff mounting device. B. W. Greenhoe. 2,013,271; Sept. 3.
 Stage apparatus. R. L. Geib. 2,001,678; May 14.
 Stage, Double set. W. C. Barnard. 2,003,573; June 4.
 Stage lift flowing apparatus for wells, Automatic. A. Boynton. 2,010,807; Aug. 13.
 Stages and other objects, Means for illuminating. E. von Toll. 2,016,467; Oct. 8.
 Stain and related composition. E. R. Bush. 2,000,120; May 7.
 Stain, Wood. E. R. Bush. 2,000,121; May 7.
 Stain removal. J. F. White. 2,022,262; Nov. 26.
 Stair carriage. N. T. MacKenzie. 2,021,457; Nov. 19.
 Stair, Automatic self closing. H. Chambers. 1,994,883; Mar. 19.
 Stairway. J. Birtcher. 2,003,876; June 4.
 Stairway construction. E. G. Elgood. 2,024,032; Dec. 10.
 Stairway, Moving. W. Cooper and J. Dunlop. 2,016,104; Oct. 1.
 Stairway, Moving. J. Dunlop. 2,023,067; Dec. 3.
 Stairway, Moving. W. S. Graff-Baker. 2,005,067; June 18.
 Stairs. J. P. MacDonald. 2,015,945; Oct. 1.
 Stake box. R. W. Goetz. 1,987,589; Jan. 8.
 Stake, Handy floral. L. M. Thomas. 1,998,031; Apr. 16.
 Stall. R. G. Ferris. 1,994,193; Mar. 12.
 Stall, Cow. H. L. Ferris. 1,996,196; Apr. 2.
 Stall, Stable. T. W. Sterling. 2,023,774; Dec. 10.
 Stamp and recorder. T. L. May. 1,994,431; Mar. 12.
 Stamp chip printing machine, Hot. E. T. Knitter. 2,025,392; Dec. 24.
 Stamp, Collector's. G. J. Matt. 1,992,709; Feb. 26.
 Stamp, Collector's. G. J. Matt. 1,993,331-2; Mar. 5.
 Stamp, Duplicating. G. J. Helfrich. 1,996,645; Apr. 2.
 Stamp mill. R. E. McCaleb. 2,014,774; Sept. 17.
 Stamp pad. W. K. Munson. 2,017,508; Oct. 15.
 Stamp securing device, Revenue. H. J. Gabriel and A. F. Chouinard. 1,994,991; Mar. 19.
 Stamp, Time. C. D. Lake. 2,003,787; June 4.
 Stamp, Time. L. Melind. 2,013,784; Sept. 10.
 Stamper and cutter, Duplicate bill. E. D. Gibson. 1,999,992; Apr. 30.
 Stamper for cigarette packaging machines. C. Arelt and P. M. Nejedly. 1,998,067; Apr. 16.
 Stamping attachment. C. Castellane. 2,021,128; Nov. 19.
 Stamping device. C. Ludewigs. 2,012,472; Aug. 27.
 Stamping device for packers. J. W. Leary. 1,992,755; Feb. 26.
 Stamping machine. S. Lifszitz. 2,006,204; June 25.
 Stamping machine. H. A. Mintz. 2,025,691; Dec. 24.
 Stamping or printing machine. S. Anthony. 2,026,115; Dec. 31.
 Stamps, Affixing. W. L. Hyden, J. C. Siemann, and J. E. Snyder. 1,985,898; Jan. 1.

Stand: See—

Adjustable plant stand. Manicuring stand.
 Advertising display stand. Metal grand stand.
 Bicycle stand. Microphone stand.
 Boiler stand. Microscope stand.
 Christmas tree stand. Packing and weighing
 stand.
 Cleaner stand. Pen stand.
 Display and serving stand. Rack and display stand.
 Display stand. Shoemaking stand.
 Duplex stand. Smoker's stand.
 Electric iron stand. Smoking stand.
 Flatiron lift stand. Spark plug servicing stand.
 Garden hose stand. Water dispenser stand.
 Lamp stand.
 Stand, H. W. Kulp and M. C. Dellinger. 2,005,826;
 June 25.
 Stand, J. Nicolich. 2,026,097; Dec. 31.
 Stand and accessories therefor, Smoking. E. F. McDonald.
 1,999,139-40; Apr. 23.
 Stand and telephone directory secretary, Combination tele-
 phone. J. G. Hunter. 2,000,957; May 14.
 Stand and telephone directory secretary, Combination
 telephone. J. G. Hunter. 2,015,679; Oct. 1.
 Stand for bicycles. E. F. Pawsat. 2,018,531; Oct. 22.
 Stand for coffee funnels. H. Cory. 2,008,898; July 23.
 Stand for electric irons. O. Spahr. 2,022,986; Dec. 3.
 Stand for fountain pens and the like. E. Menzel.
 1,995,547; Mar. 26.
 Stand for musical instruments. A. S. Lang. 2,007,574;
 July 9.
 Stand for pens. J. Feinberg. 1,991,200; Feb. 12.
 Stand or similar article, Floor. A. Barron. 2,012,117;
 Aug. 20.
 Stand or support, Display. A. H. Gregg. 2,025,280;
 Dec. 24.
 Standpipe system, Fire protection. W. F. Conran.
 2,001,300; May 14.
 Standard, Adjustable. I. E. McElroy. 1,999,844; Apr. 30.
 Standard, Folding. G. K. Parsons. 2,005,002; June 18.
 Standard for a game. P. J. Knorpp. 2,009,625; July 30.
 Standard for propeller blades, Balancing. J. H. McKee.
 1,993,218; Mar. 5.
 Standard for stools, Adjustable. H. Bergslien. 2,016,132;
 Oct. 1.
 Staple. W. L. Sorenson. 2,008,086; July 16.
 Staple. M. Vogel. 2,016,466; Oct. 8.
 Staple and strap, Combined. C. C. Wickwire. 2,003,062;
 May 28.
 Staple driving device. M. Vogel. 1,987,038; Jan. 8.
 Staple driving machine. F. Polzer. 1,994,147; Mar. 12.
 Staple fibers, Production of. F. C. Hale. 2,010,078; Aug. 6.
 Staple forming mechanism. A. L. Rosenmund and G. P.
 Izleheart. 1,994,255; Mar. 12.
 Staple, Insulated. M. Schorr. 2,001,288; May 14.
 Staple puller. T. Evans. 1,986,191; Jan. 1.
 Staple remover. W. Drypolcher. 1,989,918; Feb. 5.
 Staple strip for use in stapling machines, Sheet metal.
 M. Vogel. 2,021,274; Nov. 19.
 Staples, Making sheet metal. H. S. Heller. 1,998,991;
 Apr. 23.
 Stapling and stitching mechanism for rotary printing ma-
 chines. J. E. Meyer. 2,026,135; Dec. 31.
 Stapling apparatus. J. E. Taylor and R. S. Sharpnack.
 2,012,027; Aug. 20.
 Stapling machine. F. M. Case. 1,996,640; Apr. 2.
 Stapling machine. M. Vogel. 1,996,222; Apr. 2.
 Star and time finder. B. F. Lofgren. 2,006,075; June 25.
 Starch and preparing the same, Laundry. G. M. Bierly.
 2,014,794; Sept. 17.
 Starch and using the same, Laundry. R. E. Hall.
 2,009,692; July 30.
 Starch. Dextrinization of gelatinized. A. D. Fuller.
 2,014,799; Sept. 17.
 Starch, Manufacture of. R. E. Greenfield and H. R. Baker.
 2,023,999; Dec. 10.
 Starch, Manufacture of refined sago. A. D. Fuller.
 2,014,798; Sept. 17.
 Starches, Manufacture of. F. H. Thurber. 2,001,925;
 May 21.
 Starter and brake for cylinder printing type presses, Feed
 roller. G. M. Garfat. 1,997,140; Apr. 9.
 Starter and throttle control, Joint. C. A. Chayne.
 1,999,281; Apr. 30.
 Starter, Automatic. H. L. van Valkenburg. 2,008,845;
 July 23.
 Starter, Automatic. H. L. van Valkenburg. 2,013,013;
 Sept. 2.
 Starter construction. R. E. Wike. 2,002,561; May 28.
 Starter control. M. P. Ferguson. 2,021,502; Nov. 19.
 Starter control. H. C. Howsam. 1,991,939; Feb. 19.
 Starter control, Automatic. M. P. Whitney. 2,024,619;
 Dec. 17.
 Starter control, Engine. M. P. Ferguson. 2,016,231;
 Oct. 1.
 Starter control for internal combustion engines. R. N.
 Patterson. 1,988,958; Jan. 22.
 Starter control, Semiautomatic. P. H. Maurer. 2,016,818;
 Oct. 8.
 Starter control, Semiautomatic. P. H. Maurer. 2,023,639;
 Dec. 10.
 Starter control, Semiautomatic. W. L. McGrath.
 2,021,516; Nov. 19.
 Starter drive control. W. L. McGrath. 1,999,199; Apr. 30.
 Starter, Electric. G. A. Taylor. 1,994,409; Mar. 12.

Starter, Engine. M. M. M. Billon and G. L. F. Boname.
 1,997,571; Apr. 16.
 Starter, Engine. T. J.-B. Lafitte. 1,997,733; Apr. 16.
 Starter, Engine. R. P. Lansing. 2,003,452; June 4.
 Starter, Engine. R. P. Lansing. 2,014,258; Sept. 10.
 Starter, Engine. R. P. Lansing. 2,017,464; Oct. 15.
 Starter, Engine. R. M. Nardone. 2,024,109; Dec. 10.
 Starter, Engine. F. H. Prescott. 2,017,074; Oct. 15.
 Starter, Engine. F. H. Prescott. 2,017,870; Oct. 22.
 Starter, Engine. J. G. Rayniak. 2,018,229; Oct. 22.
 Starter, Engine. Y. Sekella. 1,993,628; Mar. 5.
 Starter, Engine. Y. Sekella. 1,995,520; Mar. 26.
 Starter for an engine. V. C. Hodges. 2,025,166; Dec. 24.
 Starter for gas engines. H. N. Marsh. 2,020,732; Nov.
 12.
 Starter for mercury arc discharge devices, Electromag-
 netic. E. E. Moyer and R. C. Griffith. 1,998,940;
 Apr. 23.
 Starter for motor vehicles. L. H. Middleton. 2,026,095;
 Dec. 31.
 Starter for motor vehicles, Manually operated pinion en-
 gaging. K. R. Blake. 2,006,690; July 2.
 Starter mechanism. W. T. Carle. 1,995,765; Mar. 26.
 Starter mechanism. W. T. Carle. 2,013,645; Sept. 10.
 Starter mechanism. R. M. Nardone. 2,025,884; Dec. 31.
 Starter spring. J. A. Charter. 2,021,589; Nov. 19.
 Starter spring and making same. A. E. Drissner.
 1,995,116; Mar. 19.
 Starter, Tap. G. M. Cross. 2,008,436; July 16.
 Starters, Mechanism for magnetic motor. R. W. Goff.
 1,994,308; Mar. 12.
 Starting and stopping device. E. J. Ray. 2,021,964;
 Nov. 26.
 Starting and stopping mechanism. A. F. Pym and W. E.
 Scarlett. 2,012,350; Aug. 27.
 Starting apparatus for electric discharge lamps and the
 like. J. Peterson. 2,007,769; July 9.
 Starting apparatus for electric discharge lamps and the
 like. J. Peterson. 2,008,514; July 16.
 Starting block. E. F. Niday. 1,990,497; Feb. 12.
 Starting block. E. F. Niday. 2,004,172; June 11.
 Starting control, Semiautomatic. M. P. Whitney.
 2,026,450; Dec. 31.
 Starting control system for automobile engines. J. P.
 Geraghty. 2,015,792; Oct. 1.
 Starting course in knitted fabric, Forming a. K. R. Lieber-
 knecht. 1,992,225; Feb. 26.
 Starting device for engines. P. Cibie. 2,025,195; Dec. 24.
 Starting device for engines. I. L. Pomeroy. 1,986,160;
 Jan. 1.
 Starting device for internal combustion engines. A.
 Callsen. 2,024,427; Dec. 17.
 Starting device for lighter-than-air aircraft. E. A. Leh-
 mann. 2,024,587; Dec. 17.
 Starting device for low voltage discharge tubes. E. A.
 Lederer. 2,020,731; Nov. 12.
 Starting device, Preset. E. E. Opel. 2,013,420; Sept. 3.
 Starting means for printing and/or computing machines,
 Automatic. O. J. Sundstrand. 2,020,664; Nov. 12.
 Starting mechanism. J. W. Allen. 1,996,733; Apr. 2.
 Starting mechanism. T. J.-B. Lafitte. 2,015,684; Oct. 1.
 Starting mechanism. T. J.-B. Lafitte. 2,020,789; Nov.
 12.
 Starting mechanism, Automatic. L. K. Loehr and W. E.
 Burdick. 2,004,053; June 4.
 Starting mechanism, Automatic. P. Maurer. 1,996,521;
 Apr. 2.
 Starting mechanism, Automatic. P. H. Maurer.
 2,007,058; July 2.
 Starting mechanism, Automatic. D. L. Wertz and F. T.
 Christian. 1,996,496; Apr. 2.
 Starting mechanism, Automatic. D. L. Wertz. 2,020,750;
 Nov. 12.
 Starting mechanism for internal combustion engines. E. M.
 Ågren. 1,986,459; Jan. 1.
 Starting mechanism for internal combustion engines, Au-
 tomatic. E. A. Watson. 2,001,479; May 14.
 Starting mechanism for motor vehicle engines, Automatic.
 E. A. Watson. 1,989,070; Jan. 22.
 Starting mechanism, Semiautomatic. M. P. Whitney.
 2,009,036; July 23.
 Starting motor. J. B. Dyer. 2,021,146; Nov. 19.
 Starting motor switch. J. B. Dyer. 2,008,275; July 16.
 Starting, stopping, and speed changing in motor cars and
 the like. C. Flamini. 1,991,202; Feb. 12.
 Starting stopping apparatus for a Diesel engine, Automatic.
 T. Igarashi. 2,015,309; Sept. 24.
 Starting switch. A. S. Pinkus. 1,992,924; Feb. 26.
 Starting system for alternating-current motors. C. E.
 Kilbourne. 2,023,326; Dec. 3.
 Starting system for arc discharge apparatus. H. T.
 Seeley. 2,009,819; July 30.
 Statements, bills, and the like, Mechanical method of pre-
 paring. M. Maul. 2,002,437; May 21.
 Static controller. E. L. McClure. 1,997,224; Apr. 9.
 Static pressure indicating device. A. T. Hughes.
 2,022,203; Nov. 26.
 Static reducing system. H. L. Saxton. 1,992,044; Feb. 19.
 Static removing apparatus. F. J. Gutman. 2,023,321;
 Dec. 3.
 Station selector, Automatic. R. Bowerman. 2,023,509-10;
 Dec. 10.
 Static, System for eliminating. C. N. Loewenstein.
 2,000,142; May 7.

- Stationery guiding instrumentality. M. N. Smalley. 2,017,636; Oct. 15.
- Statistical machine, Record card controlled. L. E. Brougham. 1,991,729; Feb. 19.
- Statistical machine, Record card controlled. C. Campbell. 1,987,322; Jan. 8.
- Statistical machine, Record controlled. R. Warren. 2,010,653; Aug. 6.
- Stator. G. H. Legend. 2,011,060; Aug. 13.
- Stator ring and making same. E. Riemenschneider. 1,999,482; Apr. 30.
- Stave bending and beveling machine. E. H. Percy. 2,009,945; July 30.
- Staybolt. J. Kindervater. 2,013,781; Sept. 10.
- Steam accumulator. C. V. McIntire. 2,012,315; Aug. 27.
- Steam and water, System for producing. E. H. Clendenin. 2,025,724; Dec. 31.
- Steam apparatus, Controlling. G. Mason. 1,996,302; Apr. 2.
- Steam boiler. E. G. Bailey, P. R. Cassidy, R. M. Hardgrove, and D. S. Jacobus. 1,999,984; Apr. 30.
- Steam boiler. E. G. Bailey, H. J. Kerr, and R. M. Hardgrove. 2,002,463; May 21.
- Steam boiler. W. J. Barber. 2,016,765; Oct. 8.
- Steam boiler. J. E. Black. 1,990,476; Feb. 12.
- Steam boiler. O. Günther. 1,997,215; Apr. 9.
- Steam boiler. D. S. Jacobus and R. K. Behr. 2,015,362; Sept. 24.
- Steam boiler. H. J. Kerr. 1,992,953-5; Mar. 5.
- Steam boiler. A. McKee. 2,008,918; July 23.
- Steam boiler. T. J. Parker. 1,995,814; Mar. 26.
- Steam boiler. K. C. Schmidt. 1,999,983; Apr. 30.
- Steam boiler. T. B. Stillman. 1,991,428; Feb. 19.
- Steam boiler. T. B. Stillman. 1,999,985; Apr. 30.
- Steam boiler. J. B. Wood. 2,021,823; Nov. 19.
- Steam boiler, Coiled tube. K. Baumann. 2,012,216; Aug. 20.
- Steam boiler regulator. B. E. Horne. 1,992,212; Feb. 26.
- Steam controlling system. A. Luth. 1,998,282; Apr. 16.
- Steam engine, Electrically controlled. R. R. Blank. 2,002,488; May 28.
- Steam engine, Twin cylinder. J. M. Shimer. 2,012,778; Aug. 27.
- Steam generating apparatus. S. F. Burnet. 2,000,509; May 7.
- Steam generating system. C. A. French. 1,996,238; Apr. 2.
- Steam generating system. J. J. Saunders and P. Féguenne. 1,997,535; Apr. 9.
- Steam generation. W. D. La Mont. 2,009,404; July 30.
- Steam generator. G. W. Bach. 1,993,711; Mar. 5.
- Steam generator. A. W. Bruce. 2,009,727; July 30.
- Steam generator. J. Johnson. 1,997,934; Apr. 16.
- Steam generator. W. F. Keenan, Jr. 2,013,829; Sept. 10.
- Steam generator. M. H. Kubner. 2,000,138; May 7.
- Steam generator. K. A. Mayr. 2,006,403; July 2.
- Steam generator. W. G. Noack. 1,993,748; Mar. 12.
- Steam generator. A. R. Pangborn. 1,991,572; Feb. 19.
- Steam generator. M. E. Smith. 2,001,437; May 14.
- Steam generator. J. Treloar. 2,002,254; May 21.
- Steam generator and oil burner, Combined. W. C. Mason. 2,024,467; Dec. 17.
- Steam generator and promoting the circulation of the liquid therein. W. L. and H. L. McLaughlin, and V. Valleu. 2,020,369; Nov. 12.
- Steam generator, Electric. F. T. Kaelin. 1,993,843; Mar. 12.
- Steam generator, High pressure water tube. H. C. Egloff. 2,023,012; Dec. 7.
- Steam generator, Multistage. W. G. Noack. 1,993,747; Mar. 12.
- Steam generator of the water tube type. A. Lieberherr. 2,022,728; Dec. 3.
- Steam generator, Portable. W. H. Starrick. 2,010,331; Aug. 6.
- Steam generator, Pressing iron. S. Dowinsky. 2,016,961; Oct. 8.
- Steam heating apparatus. J. B. Stickle. 2,004,227; June 11.
- Steam heating connection for valves. D. R. Tarnall. 2,015,024; Sept. 17.
- Steam heating plant, Electric. J. Grosseth. 2,017,831; Oct. 15.
- Steam heating system. A. C. Durdin, Jr. 1,993,832; Mar. 12.
- Steam heating system. E. A. Murray. 1,991,026; Feb. 12.
- Steam heating system. G. Starr. 1,992,846; Feb. 26.
- Steam heating system. J. B. Stickle. 2,004,226; June 11.
- Steam heating system for automobile bodies. R. W. Angstrom. 2,018,339; Oct. 22.
- Steam injector, Exhaust. E. Rawson. 1,990,093; Feb. 5.
- Steam injector, Exhaust. E. Rawson. 2,002,156; May 21.
- Steam inlet for radial flow turbines. A. Lysholm. 2,023,482; Dec. 10.
- Steam, Method of and apparatus for deconcentrating. E. Henkel and H. G. Nehrbus. 2,023,227; Dec. 3.
- Steam pop-off valve. F. L. Hussey. 2,006,141; June 25.
- Steam power installation for momentary reserve. J. Ruths. 2,003,315; June 4.
- Steam, Process and apparatus for heating. M. M. Durkee. 2,000,277; May 7.
- Steam, Process of and apparatus for generating. W. D. La Mont. 2,007,540; July 9.
- Steam separator. J. Fletcher. 2,007,966; July 16.
- Steam trap. A. E. Armstrong. 2,005,926; June 25.
- Steam trap. P. W. Beggs. 2,013,433; Sept. 3.
- Steam trap. J. W. Kaye. 2,004,953; June 18.
- Steam trap. J. W. Kaye. 2,025,752; Dec. 31.
- Steam trap. C. J. Kopriva and C. E. Stecker. 1,988,127; Jan. 15.
- Steam trap. H. J. Mastenbrook. 2,024,774; Dec. 17.
- Steam trap. F. G. Vincent. 2,013,015; Sept. 3.
- Steam trap. C. W. Zies. 1,991,268; Feb. 12.
- Steam trap and apparatus for controlling or maintaining the supply of water or other fluid. F. S. Carter. 2,003,069; May 28.
- Steaming apparatus, Electric. L. E. White. 2,000,628; May 7.
- Stearin and olein from fatty acid mixtures, Separation of. E. A. Mauersberger. 2,012,106; Aug. 20.
- Steel, Alloy. A. H. Kingsbury. 1,996,725; Apr. 2.
- Steel, Alloy. J. Strauss. 2,006,304; June 25.
- Steel, Alloy. C. H. Wills. 1,992,905; Feb. 26.
- Steel alloy, Nonstainable. F. J. Maas. 1,986,208; Jan. 1.
- Steel and bronze intimately with one another, and an improved mold for carrying out this method, Uniting. A. Monzer. 1,998,516; Apr. 23.
- Steel and concrete construction. W. A. Wilson. 1,986,171-2; Jan. 1.
- Steel and making same, Alloy. P. Payson. 2,009,974; July 30.
- Steel and making the same. W. F. Davis and G. E. Hitchens. 1,986,767; Jan. 1.
- Steel, Apparatus for handling sheet. J. A. Claus. 2,008,200; July 16.
- Steel, Apparatus for treating. F. W. Pitts. 2,008,187; July 16.
- Steel article, Calorized. B. J. Sayles. 1,988,217; Jan. 15.
- Steel articles, Casing. A. W. Machlet. 1,995,314; Mar. 26.
- Steel articles, Producing high silicon. G. A. Reinhardt. 1,992,039; Feb. 19.
- Steel boiler. H. G. Smith. 2,011,164; Aug. 13.
- Steel building unit. S. A. Jenkins. 2,017,973; Oct. 22.
- Steel centering, Collapsible. L. J. Sarosdy. 2,020,519; Nov. 12.
- Steel, chiefly for use in the manufacture of railroad parts, rails, and the like, Alloy. P. P. Marthourey. 2,012,765; Aug. 27.
- Steel, Copper-containing. H. Harris. 1,990,647; Feb. 12.
- Steel, Dephosphorizing of. R. Perrin. 2,015,692; Oct. 1.
- Steel for internal combustion engine valves and associated parts, Alloy. W. R. Breeler. 2,015,991; Oct. 1.
- Steel for railroad rails, wheel tires, plank piles, and other objects. H. Buchholtz. 2,002,932; May 28.
- Steel forming additions into the aluminogenetic iron in aluminothermal welding, Introducing. W. Sander. 2,024,132; Dec. 10.
- Steel from chrome-iron, Making high-chrome. L. B. Lindemuth. 2,026,183; Dec. 31.
- Steel, Free machining alloy tool. F. R. Palmer. 2,009,715; July 30.
- Steel, Free machining carbon. F. R. Palmer. 2,009,714; July 30.
- Steel heddle frame. H. O. Coddington. 1,998,358; Apr. 16.
- Steel, High silicon and high manganese. A. C. Jones. 2,013,443; Sept. 3.
- Steel in basic open hearth furnaces, Producing. P. Kühn. 1,991,685; Feb. 19.
- Steel, Low carbon. G. F. Nelson. 2,013,249; Sept. 3.
- Steel making process. E. C. Smith. 2,025,425; Dec. 24.
- Steel, Manufacture of sheet. A. T. Reichenbach. 2,017,356; Oct. 15.
- Steel, Method of normalizing. W. C. Chancellor. 2,025,016; Dec. 17.
- Steel object and making the same, Rubber coated. E. C. Domm. 2,002,261; May 21.
- Steel object, Rubber coated. E. C. Domm. 2,002,263; May 21.
- Steel permanent way for high speed railways. E. K. Roscher. 1,998,205; Apr. 16.
- Steel pile. W. M. Jackle. 1,998,017; Apr. 16.
- Steel plates or other structures, Uniting of. W. McBain. 2,024,239; Dec. 17.
- Steel, Plating. J. S. Nachtman. 1,991,817; Feb. 19.
- Steel, Process and mixture for hardening. R. W. Cross. 2,009,165; July 23.
- Steel retainer, Drill. W. A. Smith, Jr. 1,986,297-8; Jan. 1.
- Steel roll and method of production, Forged. C. B. Ferree. 2,022,192; Nov. 26.
- Steel tape brake. E. L. Stewart. 1,991,263; Feb. 12.
- Steel welding method. C. L. Delachaux. 2,017,788; Oct. 15.
- Steels, Examination of high grade alloyed. E. Schaufelle. 2,007,285; July 9.
- Steels, Welding alloy. G. H. Lambern. 1,994,479; Mar. 19.
- Steering and braking sled runners, Center bowing. A. J. Scholtes. 2,006,328; June 25.
- Steering apparatus for multiwheel vehicles. R. R. Harris. 1,990,484; Feb. 12.
- Steering arm gauges Vehicle. J. F. Doby. 2,003,178; May 28.
- Steering arrangement, Self. E. Fischel. 2,016,857; Oct. 8.
- Steering control, Method of and apparatus for radiodynamic. T. E. Brockstedt. 2,003,240; May 28.
- Steering device for trailers. L. H. Johnson. 2,002,604; May 28.
- Steering device, Hand electric. F. S. Hodgman. 2,018,761; Oct. 29.

- Steering device, Hydraulic. P. P. and C. J. Rockcastle. 2,020,041; Nov. 5.
- Steering gear. A. M. Butterfield. 1,993,475; Mar. 5.
- Steering gear. J. M. Crawford and E. G. Sprung. 1,993,921; Mar. 12.
- Steering gear. H. Marles. 2,004,374; June 11.
- Steering gear. B. W. Twyman. 2,012,028; Aug. 20.
- Steering gear brake. R. C. Hawley. 2,012,006; Aug. 20.
- Steering gear connection for automotive vehicles. J. W. Leighton. 1,994,582; Mar. 19.
- Steering gear for automobiles, Screw and nut. F. Porsche. 2,019,927; Nov. 5.
- Steering gear for vehicles. G. A. Gemmer. 1,998,365; Apr. 16.
- Steering gear, Hydraulic. J. A. Wilhelm. 2,008,344; July 16.
- Steering gear, Variable compensating. L. S. Parker. 1,992,440; Feb. 26.
- Steering means. F. Sustersic. 2,022,987; Dec. 3.
- Steering mechanism. E. C. Alt. 2,001,647; May 14.
- Steering mechanism. C. S. Bragg. 2,015,705; Oct. 1.
- Steering mechanism. C. V. Koons. 2,019,264; Oct. 29.
- Steering mechanism. R. C. Lamond. 1,986,640; Jan. 1.
- Steering mechanism. S. Vorech and S. Johnson, Jr. 2,018,197; Oct. 22.
- Steering mechanism for vehicles. G. Dobson. 1,990,530; Feb. 12.
- Steering mechanism, Hydraulic. H. F. Vickers. 2,022,698; Dec. 3.
- Steering mechanism, Power operated. F. B. Secor. 1,995,588; Mar. 26.
- Steering post bearing. O. Rasmussen. 1,998,735; Apr. 23.
- Steering stabilizer. L. Stark. 1,993,572; Mar. 5.
- Steering system for dirigible craft, Automatic. B. B. Holmes. 1,993,549-51; Mar. 5.
- Steering system, Hydraulic. J. R. Lemon. 2,020,951; Nov. 12.
- Steering system lock. S. Greenberg and W. J. Tyler. 2,017,494; Oct. 15.
- Steering wheel. M. M. Burgess. 2,017,681; Oct. 15.
- Steering wheel and identification means. H. A. Husted. 2,001,349; May 14.
- Steering wheel drive for vehicles. B. W. Keese. 1,995,987; Mar. 26.
- Steering wheel protector. R. B. M. Bennett. 1,987,599; Jan. 15.
- Steering wheel suspension and steering mechanism. C. Opolo. 1,987,791; Jan. 15.
- Stem construction for inner tubes used on drop center rims. E. H. Marken. 2,022,545; Nov. 26.
- Stencil. R. O. Williams. 2,007,783; July 9.
- Stencil and inking device therefor. W. B. Whitmore. 2,012,526; Aug. 27.
- Stencil. Bail. W. E. Humphrey. 2,005,787; June 25.
- Stencil cards from type plates, Apparatus for cutting. H. P. Elliott. 2,022,540; Nov. 26.
- Stencil, Cut. R. M. Dugdale. 1,998,983; Apr. 23.
- Stencil cutting sheet. A. A. Heath. 1,989,922; Feb. 5.
- Stencil duplicating machine. M. B. Brand. 2,021,169; Nov. 19.
- Stencil for sand blasting and making the same. R. H. Kavanaugh. 2,025,457; Dec. 24.
- Stencil printing and flocking machine. H. D. Howe and S. T. Lyon. 2,017,459; Oct. 15.
- Stencil printing apparatus. H. P. Elliott. 2,013,089; Sept. 3.
- Stencil printing apparatus. H. P. Elliott. 2,016,855; Oct. 8.
- Stencil printing apparatus, Rotary. H. P. Elliott. 2,022,539; Nov. 26.
- Stencil printing machine. H. H. Stoelting. 1,995,403; Mar. 26.
- Stencil printing machine. J. S. Wheelwright. 2,019,375; Oct. 29.
- Stencil-sheet. C. W. Mabley. 1,997,594; Apr. 16.
- Stencil sheet and making same. H. P. Elliott. 1,990,535; Feb. 12.
- Stencil sheet and making the same. L. G. Brandt. 2,004,484; June 11.
- Stencil sheet assembly. W. G. D. Orr. 2,018,501; Oct. 22.
- Stenciling apparatus. E. M. Hommel. 2,011,363; Aug. 13.
- Stenciling method and apparatus. J. C. Smith and G. H. Campbell. 2,005,809; June 25.
- Stenciling or decorating apparatus. R. H. Barnard. 2,002,335; May 21.
- Stencils, Making. F. R. McCord. 2,007,056; July 2.
- Step for use in combination with toilet stools, Child's. E. C. Rhodes. 2,023,901; Dec. 10.
- Stepladder. P. N. Howard. 2,018,787; Oct. 29.
- Stepladder. A. McNeal. 2,007,057; July 2.
- Stepladder. J. W. Pease. 1,992,391; Feb. 26.
- Stepladder, Adjustable. A. H. Diver. 2,006,674; July 2.
- Stepladder and ironing board, Combination. M. E. Scott and J. Bradley. 2,010,327; Aug. 6.
- Stepladder attachment. E. J. Gooden. 2,010,588; Aug. 6.
- Stepladder, Extension. J. J. Ganteski. 1,999,017; Apr. 23.
- Stepladder, Wheeled. C. W. White. 1,992,108; Feb. 19.
- Step-switch arrangement for tapping transformers. B. Jansen. 1,985,927; Jan. 1.
- Stepping device, Automatic. J. W. Wyllie. 2,016,308; Oct. 8.
- Stereoplates or printing surfaces to the cylinders of rotary printing machines, Locking of. R. Bradshaw. 1,994,384; Mar. 12.
- Stereo-radiographic apparatus, Vertical. J. B. Wantz. 1,992,894; Feb. 26.
- Stereoscope. H. A. de Vry. 2,003,480; June 4.
- Stereoscope. J. H. Harlow. 2,014,527; Sept. 17.
- Stereoscope. J. Pauchek. 2,018,739; Oct. 29.
- Stereoscopic apparatus. J. Mähler. 1,992,872; Feb. 26.
- Stereoscopic effects, Method and apparatus for obtaining. E. P. L. Le Barbier. 2,001,256; May 14.
- Stereoscopic picture. M. M. Idzal. 2,001,024; May 14.
- Stereotype casting mold. R. T. Edwards. 2,009,439; July 30.
- Stereotype metal pump. W. F. Huck. 2,019,905; Nov. 5.
- Stereotype plates, Casting. W. W. Broughton. 1,994,634; Mar. 19.
- Sterilization and sterile filling of vessels and the like, Apparatus for the. G. Gebhardt. 2,011,217; Aug. 13.
- Sterilizer. R. L. Jewell and W. B. Underwood. 2,024,004; Dec. 10.
- Sterilizer. B. J. Smyth. 2,012,642; Aug. 27.
- Sterilizer apparatus. M. C. Schwab. 2,004,351; June 11.
- Sterilizer, Liquid. G. F. Linde. 1,998,679; Apr. 23.
- Sterilizer, Sanitary pocket thermometer. A. Warsbawsky. 2,015,505; Sept. 24.
- Sterilizing and cooling apparatus adapted to be used as an ice box, Electrically heated. M. Abraham. 2,015,775; Oct. 1.
- Sterilizing apparatus. K. W. Karnopp. 2,003,651; June 4.
- Sterilizing device. S. B. Cook. 2,021,292; Nov. 19.
- Sterilizing means. E. A. Stratmann. 2,021,110; Nov. 12.
- Sterol dispersion system in water, Colloidal. J. Siegel. 2,010,792; Aug. 6.
- Stethoscope. C. A. Mason. 2,001,537; May 14.
- Stethoscope. J. Torrance, Jr. 1,994,008; Mar. 12.
- Stevordoring apparatus. F. H. Weeks. 2,000,054; May 7.
- Stick, Clothes. M. E. Grace. 2,011,896; Aug. 20.
- Stick, Drying. J. R. Dunham. 2,014,523; Sept. 17.
- Stick handling mechanism. M. Schnaier. 2,003,517; June 4.
- Stick handling mechanism. H. A. Siemund. 2,024,116; Dec. 10.
- Stick, Hockey. E. C. W. Evernden. 2,023,728; Dec. 10.
- Stiffener for shoes, Shank. W. H. Nickerson. 2,013,168; Sept. 3.
- Still. G. F. Zellhoefer. 2,025,489; Dec. 24.
- Still, Bubble. A. A. Zeidler. 2,020,009; Nov. 5.
- Still, Steam column. J. W. Gray. 1,986,431; Jan. 1.
- Stills, Return bend for cracking. H. C. Stockham. 2,024,399; Dec. 17.
- Stilyard or balance beam. H. A. Nichols. 2,025,606; Dec. 24.
- Stimulus acupuncturator. Y. Okumura. 2,009,562; July 30.
- Stirrer device. C. Hartung. 1,999,564; Apr. 30.
- Stirring and opening means for containers. J. P. Croasdale, Jr. 2,025,378; Dec. 24.
- Stirring or scraping apparatus for use in tanks for clarifying liquids and for other purposes. R. O. Stokes. 1,990,011; Feb. 5.
- Stirring tank. C. G. Bigelow and W. C. Schofield. 1,995,465; Mar. 26.
- Stirrup. E. E. Armentrout. 1,991,648; Feb. 19.
- Stitch cutting implement. C. G. Royston. 1,986,016; Jan. 1.
- Stitch-forming machine. M. Bretschneider. 2,023,398; Dec. 10.
- Stitch regulating mechanism for knitting machines. G. Bitzer. 2,014,100; Sept. 10.
- Stitch remover. A. Alto. 2,011,309; Aug. 13.
- Stitching machine. E. G. Wolf. 1,999,677; Apr. 30.
- Stitching mechanism. J. P. Weis. 2,010,574; Aug. 6.
- Stitching, Process and apparatus for. R. T. and E. J. Brauer. 1,991,134; Feb. 12.
- Stock consistency regulator. S. A. Staeger. 2,023,106; Dec. 3.
- Stock cutting mechanism. N. Rubin. 2,019,465; Oct. 29.
- Stock display means. F. L. Schwemer. 2,008,969; July 23.
- Stock feeder for punch presses. A. Raiche. 1,988,284; Jan. 15.
- Stock feeding and gripping device. M. E. Lange and W. J. Burger. 2,003,152; May 28.
- Stock feeding mechanism for packaging machines. B. D. Greenlaw. 2,015,892; Oct. 1.
- Stock for distillation of lubricating oil, Preparing. A. E. Pew, Jr. 2,006,407; July 2.
- Stock grinder and sander, Curved. W. S. Strom. 2,026,258; Dec. 31.
- Stock line recorder. G. Fox and A. J. Whitcomb. 2,015,263; Sept. 24.
- Stock quotation board. H. W. O'Neill. 1,991,984; Feb. 19.
- Stock quotation multiple projecting machine. A. D. Eitzen. 1,989,088; Jan. 29.
- Stock quotation posting and margin calculating machine. C. Smith. 2,005,807; June 25.
- Stock quotation projecting machine. J. W. Decker. 2,001,710; May 21.
- Stock quotation projecting machine. A. D. Eitzen. 2,004,103; June 11.
- Stock quotation projecting machine. A. D. Eitzen. 2,017,854; Oct. 22.
- Stock quotation projecting machine. A. D. Eitzen. 2,022,658; Dec. 3.

- Stock quotation projecting machine, Multiple. J. W. Decker. 1,989,085; Jan. 29.
- Stock quotation projecting machine, Multiple. A. D. Eitzen. 1,996,756; Apr. 9.
- Stock quotation system, Automatic. S. B. Williams. 1,992,271; Feb. 26.
- Stock roll. I. H. J. Ellsworth. 1,990,860; Feb. 12.
- Stock, Securing together pieces of. F. S. Sherman. 1,992,968; Mar. 5.
- Stock, Securing together pieces of. M. W. Tetlow. 2,019,585; Nov. 5.
- Stock storing apparatus. E. B. Erickson. 2,021,130; Nov. 19.
- Stock support for heating furnaces. J. W. Corriston. Dec. 3.
- Stocking. R. P. Börner. 2,018,248; Oct. 22.
- Stocking. W. H. Collier, Jr. 2,015,002; Sept. 17.
- Stocking. J. L. Ponville. 2,004,656; June 11.
- Stocking. G. Gastrich. 2,001,676; May 14.
- Stocking. W. Heintz. 1,998,369; Apr. 16.
- Stocking. J. M. Johnston. 2,014,356; Sept. 10.
- Stocking. G. Weinholz. 1,987,090; Jan. 8.
- Stocking, Adjustable welt. W. Tait. 2,008,936; July 23.
- Stocking and knitting same. W. Heintz. 1,988,899; Jan. 22.
- Stocking and knitting same, Reenforced. W. Heintz. 2,009,923; July 30.
- Stocking and manufacturing the same. M. G. Van Arsdale and L. W. Griffiths. 2,010,936; Aug. 13.
- Stocking and the like, Knitted elastic surgical. P. Adamson. 2,013,396; Sept. 3.
- Stocking, Elastic. C. E. Southwick, Jr. 2,015,608; Sept. 24.
- Stocking foot. R. C. Paul. 1,991,624; Feb. 19.
- Stocking foot protector, Knitted. W. Wilson. 2,001,293; May 14.
- Stocking, Full fashioned knit. R. Pike. 2,004,216; June 11.
- Stocking insert feeding device. F. E. Struve. 2,007,621; July 9.
- Stocking inspecting and testing machine. E. Albrecht. 1,990,013; Feb. 5.
- Stocking made in a single operation and making same. W. Heintz. 2,003,189; May 28.
- Stocking or half hose and making the same. R. H. Lawson and A. N. Cloutier. 1,995,262; Mar. 19.
- Stocking protector. H. Rowland. 1,999,577; Apr. 30.
- Stocking protector. M. S. Silver. 1,990,210; Feb. 5.
- Stocking structure and device therefor, Transferring a. G. H. Dietrich. 1,998,361; Apr. 16.
- Stocking toe. R. B. Schindler. 2,001,370; May 14.
- Stockings, Manufacture of. R. G. Günther. 2,015,010; Sept. 17.
- Stockings, Nonrun barrier for knitting. A. E. Margerison. 2,019,232; Oct. 29.
- Stockings, Ornamental toe reenforcement for. G. Gastrich. 2,002,888; May 28.
- Stoker. W. D. Burton. 1,991,841; Feb. 19.
- Stoker. P. A. Ketchpel. 2,013,467; Sept. 3.
- Stoker. P. A. Ketchpel. 2,015,526; Sept. 24.
- Stoker. F. R. Nelson. 2,013,248; Sept. 3.
- Stoker. R. P. Place. 2,015,285; Sept. 24.
- Stoker. M. W. Pool and E. A. Turner. 2,003,462; June 4.
- Stoker. F. P. Roesch. 2,011,911; Aug. 20.
- Stoker. F. P. Roesch and G. R. Steuart. 2,010,244; Aug. 6.
- Stoker. C. J. Surdykowski and P. A. Ketchpel. 1,994,258; Mar. 12.
- Stoker. G. von Haase. 1,995,047; Mar. 19.
- Stoker and control therefor, Automatic. W. A. Maynard. 2,004,533; June 11.
- Stoker, Automatic. J. P. Norton. 2,003,385; June 4.
- Stoker, Automatic. C. G. O'Hara. 1,992,149; Feb. 19.
- Stoker, Automatic coal. F. J. and G. Johnson. 2,003,199; May 28.
- Stoker, Coal. O. W. and S. Savage. 2,021,203; Nov. 19.
- Stoker, Coal burning. H. B. Donley. 2,011,852; Aug. 20.
- Stoker construction. R. L. Beers. 1,986,318; Jan. 1.
- Stoker construction. R. L. Beers. 1,993,819; Mar. 12.
- Stoker construction. R. L. Beers. 2,004,363; June 11.
- Stoker construction. R. L. Beers. 2,020,871; Nov. 12.
- Stoker conveyer. J. W. Myers. 1,993,302; Mar. 5.
- Stoker conveyer. W. C. Peyton and H. P. Anderson. 1,999,979; Apr. 30.
- Stoker, Domestic type. F. W. Kay. 2,000,702; May 7.
- Stoker drive mechanism. H. E. Preston. 2,005,005; June 18.
- Stoker feed mechanism. H. E. Preston. 2,019,271; Oct. 29.
- Stoker for furnaces. G. W. Olney. 2,001,152; May 14.
- Stoker for furnaces. G. E. Valentine. 2,019,942; Nov. 5.
- Stoker, Fuel. J. E. Jones. 2,004,813; June 11.
- Stoker, Fuel. R. L. Nelson. 1,990,086; Feb. 5.
- Stoker fuel deflector. A. Bayreuther. 2,003,422; June 4.
- Stoker, Locomotive. J. W. Myers. 1,993,303-5; Mar. 5.
- Stoker, Locomotive. J. W. Myers. 2,007,095; July 2.
- Stoker, Locomotive. J. W. Myers. 2,013,474; Sept. 3.
- Stoker, Locomotive. J. W. Myers. 2,026,397; Dec. 31.
- Stoker, Locomotive. F. C. Pickard. 2,006,775; July 2.
- Stoker, Mechanical. A. B. Fahnstock. 1,992,061; Feb. 19.
- Stoker, Mechanical. A. M. Hunt. 2,011,284; Aug. 13.
- Stoker, Mechanical. J. B. MacKenzie. 2,022,994; Dec. 3.
- Stoker, Mechanical. J. W. Myers. 1,993,306; Mar. 5.
- Stoker, Mechanical. J. W. Myers. 2,022,995; Dec. 3.
- Stoker mechanism. R. L. Beers. 1,989,661; Feb. 5.
- Stoker mechanism. G. Reid. 2,026,400; Dec. 31.
- Stoker mechanism. E. A. Turner. 2,015,503; Sept. 24.
- Stoker mechanism. E. A. Turner. 2,022,993; Dec. 3.
- Stoker motor. J. F. Turner and C. P. Breidenbaugh. 2,004,558; June 11.
- Stoker smoke eliminator, Coal. V. C. Norquist. 1,991,224; Feb. 12.
- Stoker structure. H. E. Lippert. 2,022,996; Dec. 3.
- Stoker, Underfeed. H. E. Preston. 1,988,510; Jan. 22.
- Stoking mechanism. E. Ryan and E. R. Funk. 2,003,472; June 4.
- Stone channeling bit. W. D. Gray and F. F. Graham. 1,995,060; Mar. 19.
- Stone channeling bit. W. D. Gray and F. F. Graham. 1,995,062; Mar. 19.
- Stone, Coloring. C. E. Cleveland. 2,016,593; Oct. 8.
- Stone, Coloring. R. D. Gray. 2,016,600; Oct. 8.
- Stone cutter gauge. W. B. Owens. 2,002,676; May 28.
- Stone-like structural material. P. W. Jones. 1,992,488; Feb. 26.
- Stone like unit, Veneered. C. J. Beckwith and R. V. Parsons. 2,021,348; Nov. 19.
- Stone picker, Post hole. J. Keyzer. 2,014,807; Sept. 17.
- Stone sawing machine. E. Benedini. 2,019,386; Oct. 29.
- Stone shaping device. E. C. Smith. 1,998,642; Apr. 23.
- Stool. J. A. Campbell. 2,010,290; Aug. 6.
- Stool and the like, Adjustable. E. J. Leech. 2,010,306; Aug. 6.
- Stool and window chair, Combined. N. Mancuso. 1,989,872; Feb. 5.
- Stool, Baiting. A. Marvill. 1,996,681; Apr. 2.
- Stool, Elevator car. C. J. Lehn. 2,025,395; Dec. 24.
- Stool, Folding. C. Iafate. 2,015,560; Sept. 24.
- Stool, Folding. S. C. Miller. 2,026,427; Dec. 31.
- Stool support. J. A. Campbell. 2,010,292; Aug. 6.
- Stop and turn signal. F. Mamiya. 1,990,911; Feb. 12.
- Stop and turn signal. F. Mamiya. 2,005,658; June 18.
- Stop, Automatic lubricated gas. J. W. Simpson and J. T. Sutliff. 1,998,029; Apr. 16.
- Stop, Automobile. R. Chelton. 1,997,357; Apr. 9.
- Stop-cock. W. M. Zaikowsky. 2,000,552; May 7.
- Stopcock, Lubricated. D. H. Greenwood. 2,021,358; Nov. 19.
- Stop device, Automatic. C. B. Fantone and R. M. Jameson. 2,003,353; June 4.
- Stop, Door. A. Evulich. 2,015,622; Sept. 24.
- Stop for shade rollers, Safety. L. P. Weber. 2,020,595; Nov. 12.
- Stop leak composition and making. C. Winning and J. B. Tuttle. 1,988,764; Jan. 22.
- Stop mechanism. H. Z. Cobb. 2,023,407; Dec. 10.
- Stop mechanism. H. B. Knox. 2,014,574; Sept. 17.
- Stop mechanism. J. H. Sayres. 1,994,405; Mar. 12.
- Stop mechanism for knitting machines. A. G. Bouhuys. 1,991,785; Feb. 19.
- Stop mechanism for knitting machines, Safety. G. Gastrich. 2,015,106; Sept. 24.
- Stop motion, Filling. E. C. Nichols. 2,009,900; July 30.
- Stop motion for a gill box. W. J. Scott. 1,989,947; Feb. 5.
- Stop motion for braiding machines. J. F. Schenck, Sr., and P. S. Monty. 2,003,978; June 4.
- Stop motion for combers and the like. J. Fossel. 1,990,730; Feb. 12.
- Stop motion for core wrapping machines. A. Bès. 1,996,451; Apr. 2.
- Stop motion for fiber strand preparation machines. F. Exley. 2,008,643; July 9.
- Stop motion for knitting machines. A. Crawford. 1,992,860; Feb. 26.
- Stop motion for knitting machines. A. Gruna and F. Radhuber. 2,003,774; June 4.
- Stop motion for knitting machines. J. A. Locke and J. Campanella. 2,016,208; Oct. 1.
- Stop motion for looms, Automatic warp. G. F. Baban. 1,999,623; Apr. 30.
- Stop motion for warp knitting machines. P. H. Quick. 2,010,928; Aug. 13.
- Stop, Noiseless. E. J. Thomas. 2,022,013; Nov. 26.
- Stop, Safety polish rod. G. Wells. 2,008,806; July 23.
- Stop, Sash. J. Ostermann. 2,011,458; Aug. 13.
- Stop, Vehicle. S. J. Blake. 2,017,392; Oct. 15.
- Stop, Warming creel thread. A. Bruenn. 2,002,137; May 21.
- Stop Wind. G. E. Miller. 2,016,723; Oct. 8.
- Stopper. R. Tilman. 2,022,989; Dec. 3.
- Stopper, Bottle. E. Greene. 2,001,609; May 14.
- Stopper, Bottle. J. J. Noll. 1,994,368; Mar. 12.
- Stopper, Bottle. M. Shapiro. 1,999,113; Apr. 23.
- Stopper, Bottle. L. A. Watson. 2,010,502; Aug. 6.
- Stopper, Dropping. F. Weickel. 1,996,533; Apr. 2.
- Stopper for bottles, Measuring. A. Berendt. 2,017,839; Oct. 22.
- Stopper for dispensing spouts. C. S. Jackson. 2,015,343; Sept. 24.
- Stopper for nonrefillable bottles. P. Naret. 2,009,672; July 30.
- Stopper, Gas main. E. A. Goodman. 1,988,077; Jan. 15.
- Stopper, Mechanical. R. E. Gunther. 1,995,474; Mar. 26.
- Stopper, Nonrefillable bottle. J. H. Gruver and J. H. Baldwin. 2,002,143; May 21.
- Stopping device, Automatic. J. E. Kilkenny. 1,985,930; Jan. 1.
- Stopping device, Automatic. J. W. Wyllie. 1,997,783; Apr. 16.

- Stopping device for looms or the like. J. Breen. 1,998,949; Apr. 23.
- Stopping device for looms or the like. E. C. Smith and W. J. McLaughlin. 1,994,595; Mar. 19.
- Stopple, Sediment separating and gas locking. H. G. Moore. 2,021,635; Nov. 19.
- Storage and metering system, Fluid. W. L. Marden. 2,013,184; Sept. 3.
- Storage apparatus. M. C. Stearns. 1,987,376; Jan. 8.
- Storage apparatus. E. E. Winkley. 2,014,458; Sept. 17.
- Storage battery. J. J. Drumm, T. Hagyard, and R. H. D. Barklie. 2,013,379; Sept. 3.
- Storage battery. C. J. Dunzweiler. 1,988,111; Jan. 15.
- Storage battery. K. W. Gasche. 2,024,988; Dec. 17.
- Storage battery. L. H. Kittredge. 2,007,896; July 9.
- Storage battery. P. Pautou. 1,997,391; Apr. 9.
- Storage battery. P. Pautou. 1,998,788; Apr. 23.
- Storage battery. R. E. Rathburn. 1,999,945; Apr. 30.
- Storage battery. M. E. Taylor. 2,025,482; Dec. 24.
- Storage battery. G. W. Younkman. 1,990,445; Feb. 5.
- Storage battery box. R. H. Lewis. 2,019,823; Nov. 5.
- Storage battery, Electric. J. J. Drumm and A. G. Burnell. 2,004,552; June 11.
- Storage battery separator. M. H. Martindell. 2,007,093; July 2.
- Storage system. M. A. Kendall. 1,989,281; Jan. 29.
- Storage tank. J. O. Jackson. 2,026,279; Dec. 31.
- Storage tank gauge. C. Spaeth. 1,988,181; Jan. 15.
- Storage tank. Oval elevated. B. M. Blackburn. 1,997,808; Apr. 16.
- Store front construction. F. W. Currier and E. F. Toney. 1,994,464; Mar. 19.
- Store front construction. E. F. Toney. 1,999,219; Apr. 30.
- Store front construction. E. F. Toney. 2,015,769; Oct. 1.
- Store with revolvable shelves, Self-service. J. H. Carroll. 2,005,286; June 18.
- Storing capacity of undressed mineral tanned leather. Increasing the. R. Sajitz. 1,990,391; Feb. 5.
- Storing plant for piece goods. M. Angerpointner. 1,994,032; Mar. 12.
- Stove. C. B. Brown. 1,991,135; Feb. 12.
- Stove. C. Ehret. 2,001,713; May 21.
- Stove. B. Field. 1,989,508; Jan. 29.
- Stove. H. Herrenbruck. 1,986,820; Jan. 8.
- Stove. B. B. Kahn. 1,989,933; Feb. 5.
- Stove. B. B. Kahn. 1,996,473; Apr. 2.
- Stove. B. B. Kahn. 2,000,334-5; May 7.
- Stove. B. B. Kahn. 2,002,894; May 28.
- Stove. B. B. Kahn. 2,014,848-9; Sept. 17.
- Stove. B. B. Kahn and W. T. Bradbury. 2,000,333; May 7.
- Stove. A. J. Stencell. 2,025,252; Dec. 24.
- Stove and ironing device, Combined electric. A. A. MacDonald. 2,002,608; May 28.
- Stove and kitchen cabinet, Combination cooking. C. A. Fullerton. 1,989,749; Feb. 5.
- Stove and the like, Camp. C. L. Pearson. 2,003,974; June 4.
- Stove and the like, Electric cooking. W. H. Myers. 2,000,413; May 7.
- Stove, Barbecuing. L. G. Smith. 2,001,116; May 14.
- Stove, Brooder. C. Fulk and W. Fulk. 2,025,975; Dec. 31.
- Stove, Camp. H. V. Hancock and V. H. Hancock. 2,021,915; Nov. 26.
- Stove, Camp. F. X. Muenzer. 1,999,515; Apr. 30.
- Stove, Clock controlled gas. J. H. Grayson. 2,013,239; Sept. 3.
- Stove, Closed top. S. H. Hobson. 1,991,503; Feb. 19.
- Stove, Closed top. P. I. Hollman. 2,007,446; July 9.
- Stove, Combination. J. H. Coplen. 1,988,238; Jan. 15.
- Stove, Combination heating, cooking, and illuminating. J. H. Grieve. 2,019,604; Nov. 5.
- Stove construction. S. Cohan. 2,007,297; July 9.
- Stove construction. C. M. Dibble. 1,985,979-80; Jan. 1.
- Stove construction. L. Moore and I. S. Holloway. 1,991,513; Feb. 19.
- Stove construction. G. E. Pickup. 1,991,519; Feb. 19.
- Stove construction. G. E. Pickup. 1,991,573; Feb. 19.
- Stove, Cooking. M. G. Klemme. 2,025,210; Dec. 24.
- Stove, Cooking. T. E. Perks and C. E. Ross. 1,986,524; Jan. 1.
- Stove cover lifter, Cold handle. G. C. Reith. 2,001,286; May 14.
- Stove, Electric table. G. Steingruber. 2,015,295; Sept. 24.
- Stove, Gas. J. E. Chambers. 1,989,269; Jan. 29.
- Stove, Gas. J. E. Chambers. 2,011,848; Aug. 20.
- Stove, Gas. A. J. Reedy. 2,025,896; Dec. 31.
- Stove, Gas. J. C. Rogers. 2,005,242; June 18.
- Stove, Grilling. L. G. Kasamis. 1,997,192; Apr. 9.
- Stove, Liquid fuel. L. S. Chadwick. 1,987,179; Jan. 8.
- Stove or range top burner cover. A. H. Moecker. 1,989,556; Jan. 29.
- Stovepipe. J. E. Pallas. 2,014,073; Sept. 10.
- Stove pipe coupling. T. O. Logan. 1,990,910; Feb. 12.
- Stove-pipe seam lock. J. J. Holub. 1,991,802; Feb. 19.
- Stove, Portable. J. W. Ash. 2,009,189; July 23.
- Stove, Portable. S. F. Jackes and F. W. Pavey. 2,026,387; Dec. 31.
- Stove, Rotatable top. C. Ehret. 2,001,714; May 21.
- Straight-edge. M. K. Von Zimmermann. 2,006,285; June 25.
- Straight edge gauge. L. G. Schneider. 2,008,840; July 23.
- Straight line motor. F. Konn. 1,986,639; Jan. 1.
- Strain clamp. S. L. Moore. 1,994,003; Mar. 12.
- Strain device. H. E. Miller. 2,001,917; May 21.
- Strain gauge. L. W. Bauer and G. A. De Shazer. 1,999,075; Apr. 23.
- Strainer. K. Backlund. 2,019,169; Oct. 29.
- Strainer. W. A. Dillon. 1,996,279; Apr. 2.
- Strainer. A. W. Franzmeier. 2,019,181; Oct. 29.
- Strainer. O. Hanneschlager. 2,004,071; June 4.
- Strainer. C. J. Harter. 1,995,850; Mar. 26.
- Strainer. A. C. Kleckner. 2,023,423; Dec. 10.
- Strainer. V. H. Robinson. 2,009,123; July 23.
- Strainer. L. J. Thomas. 2,003,658; June 4.
- Strainer. M. J. Zimmer. 2,006,566; July 2.
- Strainer, Air. E. E. Hewitt. 2,014,985; Sept. 17.
- Strainer and making strainer units. H. E. Fellows. 1,989,795; Feb. 5.
- Strainer assembly. O. M. Anderson and F. W. Juengst. 1,989,034; Jan. 22.
- Strainer, Drain. J. Rossman. 2,024,475; Dec. 17.
- Strainer for automobile cooling systems. W. T. Birch. 2,011,031; Aug. 13.
- Strainer for gasoline delivery nozzles. W. H. Rice and H. M. Lyon. 2,019,094; Oct. 29.
- Strainer for pipe lines. F. L. Clements, Jr. 1,987,142; Jan. 8.
- Strainer for sinks. I. L. Finn. 2,005,459; June 18.
- Strainer, Juice. J. J. Sigman. 2,019,771; Nov. 5.
- Strainer, Milk. S. N. North and T. J. Gurley. 2,002,865; May 28.
- Strainer, Pulp. M. Lamort. 2,002,404; May 21.
- Straining device for vacuum drying apparatus. A. E. Jonsson. 1,986,108; Jan. 1.
- Strand and material formed from the same. R. N. Wallach. 1,995,696; Mar. 26.
- Strand feeding mechanism. H. Staub. 1,989,656; Jan. 29.
- Strand feeding mechanism. H. Staub. 1,997,473; Apr. 9.
- Strand for suture and other purposes and making the same. G. A. Sharp. 1,999,641; Apr. 30.
- Strand manipulating machine. E. J. Abbott. 1,993,909; Mar. 12.
- Strand material, Method of and apparatus for manufacturing and treating. O. B. Brown and E. P. Cook. 1,996,272; Apr. 2.
- Strand or rope making machine. A. Kraft. 2,008,075; July 16.
- Strand reeling machine. S. E. Brillhart and A. Le Boutillier. 1,988,437; Jan. 22.
- Stranding machine. W. E. Somerville. 2,000,104; May 7.
- Strands and assembling them. B. K. Ford and L. L. Weaver. 1,997,210; Apr. 9.
- Strands and producing same, Twisted. W. M. Brooks. 2,002,975; May 28.
- Strands, Apparatus for assembling. B. K. Ford and L. L. Weaver. 1,997,211; Apr. 9.
- Strands, Apparatus for handling. E. E. Newton. 1,991,171; Feb. 12.
- Strands for weaving purposes, Manufacturing. G. E. Ginn. 2,014,649; Sept. 17.
- Strands, Treating. L. F. Lamplough and C. E. Plass. 2,018,404; Oct. 22.
- Strap: See—
 Grip strap. Picker check strap.
 Hand strap. Shoulder strap.
 Lens strap. Wrist watch strap.
 Lug strap.
- Strap and method of making. Lug. W. I. Bullard. 2,011,794; Aug. 20.
- Strap, band, or bracelet, Wrist-watch. C. Feid. 2,009,254; July 23.
- Strap, band, or bracelet, Wrist-watch. C. Feid and C. A. Mealy. 2,009,253; July 23.
- Strap conveyer, Twisted. F. Crozier. 1,997,360; Apr. 9.
- Strap fastening, Adjustable. F. Hirsh. 2,011,634; Aug. 20.
- Strap for overfilled boxes. H. Paxton. 2,016,213; Oct. 1.
- Strap holder, Shoulder. A. Boepa. 2,004,305; June 11.
- Strap joint. W. C. Childress. 2,012,678; Aug. 27.
- Strap joint and making the same, Metal. E. G. S. Vaughan. 2,023,059; Dec. 3.
- Strap slide. P. E. Fenton. 1,988,890; Jan. 22.
- Strap tying machine. L. M. Harvey. 1,988,730; Jan. 22.
- Strap with attached washers and making the same. F. C. Arey. 2,004,182; June 11.
- Strata in wells, Plugging. H. T. Kennedy and H. C. Lawton. 2,019,908; Nov. 5.
- Straw and foliage collector attachment for combines. S. M. Rodgers and N. P. Shelby. 2,008,561; July 16.
- Straw and product thereof, Producing artificial. C. Dreyfus and W. Whitehead. 2,000,013; May 7.
- Straw, Drinking. M. H. Hollingsworth. 1,996,203; Apr. 2.
- Straw, Production of artificial. W. F. Richter. 1,986,979; Jan. 8.
- Straw spreader attachment. R. L. Anderson. 2,010,287; Aug. 6.
- Stream-line flow valve. J. L. Adams, Jr. 1,999,496; Apr. 30.
- Stream line light cover. F. B. Voltz. 1,993,127; Mar. 5.
- Stream motor. W. E. Methvin. 2,020,900; Nov. 12.
- Street reflector sign. C. di Guistin. 2,017,617; Oct. 15.
- Street sign. S. S. Cramer. 2,014,558; Sept. 17.
- Street traffic signal. C. Adler, Jr. 1,995,816; Mar. 26.
- Stretcher. C. N. Anderson. 2,015,391; Sept. 24.
- Stretcher and drier, Necktie. E. Bebringer. 1,986,386; Jan. 1.
- Stretcher and splicer, Wire. E. Durr. 2,020,175; Nov. 5.

- Stretcher, Carpet. W. E. Leopard. 2,015,227; Sept. 24.
 Stretcher, Carpet and rug. H. M. Paternayan. 1,989,020; Jan. 22.
 Stretcher, Cloth. D. Reinhard. 2,011,729; Aug. 20.
 Stretcher, Curtain. A. Luxenberg. 1,989,871; Feb. 5.
 Stretcher, Curtain. A. H. Moore. 1,995,396; Mar. 26.
 Stretcher, Curtain. F. Sievern and J. F. Lizak. 1,986,226; Jan. 1.
 Stretcher, Curtain. A. Stalzer. 2,000,358; May 7.
 Stretcher, Fence. B. S. Dorough. 2,012,379; Aug. 27.
 Stretcher, Foldable. F. Tintner. 2,003,844; June 4.
 Stretcher, Foldable pinless. R. J. Aston. 2,020,294; Nov. 12.
 Stretcher, Garment. L. and L. C. Bond. 2,004,848; June 11.
 Stretcher, Shoe. H. Weinstein. 2,023,038; Dec. 3.
 Stretcher, Stocking. N. S. Reeder. 1,998,820; Apr. 23.
 Stretcher, Trouser. H. A. Johnston. 2,021,688; Nov. 19.
 Stretcher, Wire. W. T. Broderick. 1,998,185; Apr. 16.
 Stretching and tacking implement. H. T. McClure. 2,009,116; July 23.
 Stretching machine and operating the same. A. H. Vaughan. 2,003,127; May 28.
 Stretching machine or the like, Bat. J. T. Lee. 2,012,882; Aug. 27.
 Stretching tool. H. C. Porter. 2,007,002; July 2.
 Strike. R. D. Robbins. 2,011,910; Aug. 20.
 Striking bag machine. J. F. Meyer. 1,987,859; Jan. 15.
 Striking mechanism for electric alarm clocks, Modulated. E. L. Carlson and A. B. Poole. 2,008,745; July 23.
 Strip collar. E. T. Lorig. 1,986,734; Jan. 1.
 Strip control means for manifolders. W. E. Oliver. 1,995,189; Mar. 19.
 Strip for double dry transfer. G. Chadwick. 1,988,937; Jan. 22.
 Strip for roll top doors, Sealing. E. H. McCloud. 1,995,431; Mar. 26.
 Strip for sporting goods and making the same, Laminated. J. A. Hillerich. 2,017,060; Oct. 15.
 Strip for window frames, Flushing. H. W. Cook. 2,004,651; June 11.
 Strip guider. K. F. Tandel. 1,995,462; Mar. 26.
 Strip, Gummed tear. C. V. Walters. 2,007,625; July 9.
 Strip holder for dental work, Celluloid. A. Bandman. 1,990,889; Feb. 12.
 Strip loop control. A. C. Goins. 1,986,724; Jan. 1.
 Strip material, Apparatus for handling. A. Potdevin. 1,995,719; Mar. 26.
 Strip material, Apparatus for handling. A. Potdevin. 2,004,129; June 11.
 Strip material, Apparatus for making. C. W. Leguillon. 1,998,814; Apr. 23.
 Strip material, Method of and machine for applying re-enforcing. R. A. Hartt. 2,002,452; May 21.
 Strip material process, Continuous. E. T. Jaeger. 2,021,310; Nov. 19.
 Strip material, Rolling. C. A. Kral. 2,002,266; May 21.
 Strip metal winding block. J. R. Coe. 1,988,439; Jan. 22.
 Strip of rubber material, Making a. H. M. Dodge. 2,023,268; Dec. 3.
 Strip or like material particularly for tensioning bale and other ties, Apparatus for feeding forward. G. J. Abbott. 1,988,534; Jan. 22.
 Strip, Panel supporting. R. W. Shannon. 2,024,068; Dec. 10.
 Strip, Parting. C. Mancini. 2,018,919; Oct. 29.
 Strip registering device. R. J. Beutel. 1,998,069; Apr. 16.
 Strip serving device. T. H. and A. P. Krueger. 1,987,197; Jan. 8.
 Strip-serving machine. C. Walker. 1,996,663; Apr. 2.
 Strip stock feeding and gauging. M. E. Widell. 2,019,518; Nov. 5.
 Strip tension device. F. A. Kucera. 2,011,492; Aug. 13.
 Stripper. J. C. Ford. 2,025,030; Dec. 24.
 Stripper device for flat work ironers. C. E. Hamilton, Sr. 1,989,414; Jan. 29.
 Stripper fingers for flat work ironers. C. E. Hamilton, Sr. 2,008,499; July 16.
 Stripper for bubble towers, Internal. J. W. Packie. 2,015,725; Oct. 1.
 Stripper for laundry rollers. H. O. Zeidler. 2,012,982; Sept. 3.
 Stripping agent. J. G. Evans and L. G. Lawrie. 2,019,124; Oct. 29.
 Strips for insoles, Making. E. J. Ray. 2,010,827; Aug. 13.
 Strips, Marking. A. C. Fischer. 2,015,031; Sept. 17.
 Strips of paper, Apparatus for splicing. W. Townley. 2,002,554; May 28.
 Strip attachment for knitting machines. K. Howie. 1,986,578; Jan. 1.
 Stripper. S. B. Beugler. 1,988,710; Jan. 22.
 Stripping, Apparatus for. A. A. Alexander. 1,991,355; Feb. 19.
 Stripping device. A. A. Alexander. 2,007,787; July 9.
 Stripping device. F. P. Ryan. 2,002,278; May 21.
 Stripping instrument. E. M. Barden. 1,994,238; Mar. 12.
 Stripping tool. J. T. Green. 2,007,603; July 9.
 Stripping tool. H. R. Myers. 1,993,975; Mar. 12.
 Stroboscopic apparatus. W. F. Westendorp. 2,014,957; Sept. 17.
 Stroboscopic apparatus and method. P. Davey. 2,004,270; June 11.
 Stroker and mounting for sanding machines. D. S. Oakley. 1,986,521; Jan. 1.
 Stropper, Razor blade. N. Mercer. 2,017,320; Oct. 15.
 Stropper, Razor blade. E. D. Perry. 1,991,257; Feb. 12.
 Stropper, Razor blade. I. Shapin. 2,011,422; Aug. 13.
 Stropping and honing device. W. Brown. 2,024,272; Dec. 17.
 Stropping device. S. H. Drake. 2,000,933; May 14.
 Structural assembly. P. A. Voigt and A. E. Shultis. 2,015,129; Sept. 24.
 Structural building device. A. L. Jackson. 2,020,062; Nov. 5.
 Structural building frame. S. F. Mioton. 1,988,388; Jan. 15.
 Structural connecting member. H. Bauer. 2,016,702; Oct. 8.
 Structural element. O. Rothenstein. 2,002,044; May 21.
 Structural expansion unit. W. Grund. 1,990,323; Feb. 5.
 Structural frame. E. W. Coleman. 1,996,641; Apr. 2.
 Structural joint. S. P. Orlando. 1,988,085; Jan. 15.
 Structural material and making the same. A. H. Brunner. 1,997,293; Apr. 9.
 Structural material and making the same. E. M. Jenkins. 2,008,718; July 23.
 Structural member. E. Becker. 1,989,259; Jan. 29.
 Structural member. A. W. Froude. 1,986,721; Jan. 1.
 Structural member, Expanded. A. T. Keller, C. Schenck, and L. Fine. 2,010,670; Aug. 6.
 Structural members, Connecting. W. G. Bartenfeld. 1,992,597; Feb. 26.
 Structural members, Fabricating. J. Sunnen. 1,995,368; Mar. 26.
 Structural members, Repairing. A. R. Knight. 2,016,093; Oct. 1.
 Structural members, Strengthening. A. G. Leake. 2,000,599; May 7.
 Structural members, Taking-up slack in. A. R. Wilson, R. Seeman, and M. Hallen. 1,992,978; Mar. 5.
 Structural steel connection. A. G. Leake. 2,019,684; Nov. 5.
 Structural unit. E. H. McClintock. 2,001,428; May 14.
 Structural unit building member. H. W. Dix. 2,010,848; Aug. 13.
 Structural unit, Composite. W. H. Mason. 1,995,264; Mar. 19.
 Structural unit with veined surface. W. McQuade. 2,015,084; Sept. 24.
 Structure. F. H. Ruppel. 2,001,215; May 14.
 Structure for buildings. H. Griesel. 2,002,347; May 21.
 Structure made from comminuted materials. C. R. Short. 1,992,548; Feb. 26.
 Structure, Portable. A. Ebenhack. 2,015,176; Sept. 24.
 Strut fairing bracket. C. E. Hathorn. 2,017,207; Oct. 15.
 Strut, Retractable shock absorbing. I. I. Sikorsky. 2,016,394; Oct. 8.
 Strut, Shock. M. A. Chester. 2,008,094; July 16.
 Struts for airplanes, Apparatus for testing shock-absorbing. F. R. Shanley. 2,024,067; Dec. 10.
 Stubbing device. T. F. Hammer. 1,999,608; Apr. 30.
 Stubbing device. R. G. Williams. 1,999,604; Apr. 30.
 Stud and socket, One-piece. D. I. Reiter. 1,988,333; Jan. 15.
 Stud, One-piece. D. I. Reiter. 1,988,332; Jan. 15.
 Stud remover. G. R. Gagne. 2,024,852; Dec. 17.
 Studs, Threading. J. M. Lindenmuth and J. E. Weirich. 1,999,816; Apr. 30.
 Stuffing box, Plastic packing. H. T. Wheeler. 1,991,714; Feb. 19.
 Stuffing for chairs and treating same. J. Kronheim. 1,986,345; Jan. 1.
 Stuffing machine. S. Halvorsen. 2,021,360; Nov. 19.
 Stump puller. E. C. Crocker. 2,025,340; Dec. 24.
 Stylus feed mechanism for phonographs. R. F. Mallina. 2,005,588; June 18.
 Stylus for making sound records. W. Hesse. 2,017,696; Oct. 15.
 Styrol from ethyl benzol, Production of. W. A. Gibbons and O. H. Smith. 1,997,967; Apr. 16.
 Submarine communication conductor. V. E. Legg. 1,995,356; Mar. 26.
 Submarine diving valve. G. L. Moos. 1,990,130; Feb. 5.
 Submarine exploration at great depths, Apparatus for. O. F. Munguet. 1,998,165; Apr. 16.
 Submarine locating, harvesting, and recovery apparatus. S. Lake. 1,997,149; Apr. 9.
 Submarine operating device. M. C. Lord. 2,014,389; Sept. 17.
 Submarine safety apparatus, Automatic. M. Dray. 2,000,746; May 7.
 Submarine signaling apparatus. W. L. Gifford. 2,024,214; Dec. 17.
 Submarine signaling apparatus. T. B. Schmutte. 1,986,647; Jan. 1.
 Submarine signaling tank. R. L. Williams. 1,994,495; Mar. 19.
 Submarine vessel. N. J. Mastorakis. 2,014,742; Sept. 17.
 Submersible structure. E. Mendenhall and J. E. Van Horn. 2,002,909; May 28.
 Submersible structure, Oil-sealed. E. Mendenhall and J. B. van Horn. 2,020,513; Nov. 12.
 Subsink structure. E. Foote. 2,021,410; Nov. 19.
 Substage for microscopic condensers and the like. W. Bauersfeld. 2,014,161; Sept. 10.
 Substance derived from an amino aliphatic acid and phenylquinoline orthocarboxylic acid which is capable of lowering the uric acid level, Preparing a. H. G. Jacobson. 2,006,020; June 25.

- Substance for treatment of hemorrhagic diathesis. S. M. Peck. 1,995,037-8; Mar. 19.
- Substance preparation and article of manufacture. E. E. Brosius. 2,023,511; Dec. 10.
- Substances. Apparatus for the conditioning of. C. A. Delemme. 1,995,966; Mar. 26.
- Substances. Arrangement for mixing two different. A. B. Södergren. 2,015,972; Oct. 1.
- Substances forming resins from benzines, Removal of. F. Winkler and H. Hauber. 1,990,213; Feb. 5.
- Substances from aromatic amines, aldehydes, and filling materials. Manufacture of compressed. H. Burmeister. 1,989,543; Jan. 29.
- Substation. R. E. Anderson. 1,989,782; Feb. 5.
- Subway construction. G. F. Kotrbaty. 2,021,313; Nov. 19.
- Subway, tramway construction. J. B. Strauss. 2,013,703; Sept. 10.
- Sucker machine. J. A. Davis and C. L. Moyer. 2,005,854; June 25.
- Suction apparatus. R. Foreau. 2,015,998; Oct. 1.
- Suction cleaner. B. C. Becker. 2,002,624; May 28.
- Suction cleaner. B. C. Becker. 2,008,676; July 23.
- Suction cleaner. B. C. Becker. 2,017,937; Oct. 22.
- Suction cleaner. B. C. Becker. 2,020,600; Nov. 12.
- Suction cleaner. C. G. Boettler. 2,017,893; Oct. 22.
- Suction cleaner. H. D. Cameron. 2,024,143; Dec. 17.
- Suction cleaner. V. E. Carlson. 1,991,975; Feb. 19.
- Suction cleaner. D. M. Dow. 2,019,895; Nov. 5.
- Suction cleaner. H. E. Hoover. 1,987,296; Jan. 8.
- Suction cleaner. H. E. Hoover. 1,996,921; Apr. 9.
- Suction cleaner. W. F. Hudson. 2,000,955; May 14.
- Suction cleaner. W. H. Kitto. 1,986,976; Jan. 8.
- Suction cleaner. W. H. Kitto. 1,999,696; Apr. 30.
- Suction cleaner. W. H. Kitto. 2,003,085; May 28.
- Suction cleaner. W. H. Kitto. 2,017,905; Oct. 22.
- Suction cleaner. W. Leathers. 2,002,637; May 28.
- Suction cleaner. F. Riebbel, Jr. 2,002,509; May 28.
- Suction cleaner. G. L. Rose. 1,992,238; Feb. 26.
- Suction cleaner. J. A. Schwarz. 2,022,438; Nov. 26.
- Suction cleaner. B. C. Shipman. 2,012,640; Aug. 27.
- Suction cleaner. A. D. Siedle. 1,996,934; Apr. 9.
- Suction cleaner. D. G. Smellie. 1,999,667; Apr. 30.
- Suction cleaner. D. G. Smellie. 2,008,371; July 16.
- Suction cleaner. D. G. Smellie. 2,014,118; Sept. 10.
- Suction cleaner. C. H. Taylor. 1,993,229; Mar. 5.
- Suction cleaner. C. H. Taylor. 2,008,476; July 16.
- Suction cleaner. C. H. Taylor. 2,008,972; July 23.
- Suction cleaner. U. A. Whitaker. 2,008,779; July 23.
- Suction cleaner. H. B. White. 1,999,674; Apr. 30.
- Suction cleaner. H. B. White. 2,003,098; May 28.
- Suction cleaner. H. B. White. 2,004,261; June 11.
- Suction cleaner. H. B. White. 2,008,376; July 16.
- Suction cleaner. H. B. White. 2,015,171; Sept. 24.
- Suction cleaner. H. B. White. 2,024,260-1; Dec. 17.
- Suction cleaner. E. W. Wiehle. 1,995,084; Mar. 19.
- Suction cleaner and bag assembly therefor. F. Riebel, Jr., and D. M. Dow. 2,010,035; Aug. 6.
- Suction device. K. L. Curtis. 1,988,165; Jan. 15.
- Suction filter. H. Zimmer. 2,005,406; June 18.
- Suction generating system. H. Hueber and E. C. Horton. 2,022,642; Nov. 26.
- Suction operated device for spark control. A. S. Baker. 2,015,374; Sept. 24.
- Suction pump. H. Hueber and E. C. Horton. 2,012,819; Aug. 27.
- Suction roll and drilling same. A. H. Standley. 2,006,519; July 2.
- Suction rolls and assembly for use therein. Manufacturing. G. R. Keltie. 2,009,848; July 30.
- Sugar acylation. G. J. Cox and J. H. Ferguson. 2,013,034; Sept. 3.
- Sugar and salts from sugar cane molasses, Recovery of. E. A. Vazquez. 2,000,202; May 7.
- Sugar and the like dispenser. M. Garrido. 2,021,004; Nov. 12.
- Sugar beet puller. C. Lundgren. 2,018,183; Oct. 22.
- Sugar cane, Harvesting of. R. S. Falkiner. 2,009,729; July 30.
- Sugar cane, Harvesting of. R. S. Falkiner and W. G. Charley. 1,990,172; Feb. 5.
- Sugar cane into saw-dust. Apparatus for the transformation of the. F. M. Diaz. 2,008,852; July 23.
- Sugar cane wax. Extraction of. M. A. Rosales. 2,009,522; July 30.
- Sugar dispenser. H. C. Gessler. 2,013,440; Sept. 3.
- Sugar from wood sugar solutions. Obtaining crystallized. F. and H. Koch. 2,008,284; July 16.
- Sugar juices, Purification of. D. Teatini. 1,988,923; Jan. 22.
- Sugar. Manufacture of. C. Schwiager. 1,986,858; Jan. 8.
- Sugar. Method and apparatus for recovering. S. C. Merdith. P. W. Alston, and E. T. Winslow. 2,016,609; Oct. 8.
- Sugar. Production of pure white. I. Bloch. 2,003,965; June 4.
- Sugar products, Making. R. F. Jackson. 2,007,971; July 16.
- Sugar, Purifying. L. Hyve. 2,014,897; Sept. 17.
- Sugar refining. H. F. Bomonti. 2,015,375; Sept. 24.
- Sugar, Refining. P. Sanchez. 1,989,156; Jan. 29.
- Sugar solutions, Treating. H. de F. Olivarius. 2,018,869; Oct. 29.
- Sugar, Storing. J. T. McDowell, H. L. Hartburg, G. W. Rienks, and J. Maudru. 2,016,608; Oct. 8.
- Sugars to alcohols, Reducing. H. J. Creighton. 1,990,582; Feb. 12.
- Suit, Bathing. M. E. Calvo. 1,986,792; Jan. 8.
- Suit, Bathing. S. F. de Benedetto. 2,013,554; Sept. 3.
- Suit, Bathing. A. L. Flesh. 1,994,990; Mar. 19.
- Suit, Bathing. W. D. Ide. 1,989,753; Feb. 5.
- Suit, Bathing. W. D. Ide. 2,022,621; Nov. 26.
- Suit, Bathing. S. S. Rubino. 2,018,744; Oct. 29.
- Suit box. O. E. Phillips. 2,004,509; June 11.
- Suitcase, Wardrobe. J. Ritter, Jr. 2,001,156; May 14.
- Suit, Deep sea diving. T. P. Connelly. 2,018,511; Oct. 22.
- Suit for firemen and others, Waterproof. F. G. Molter. 2,004,765; June 11.
- Suit, Lady's bathing. B. Rothblum. 1,990,567; Feb. 12.
- Suit, Lifesaving. T. E. Aud. 2,023,351; Dec. 3.
- Suit removable while dressed, Bathing. L. H. Bachelis. 1,995,531; Mar. 26.
- Suit, Safety bathing. J. Fried. 2,005,460; June 18.
- Suit, Stratosphere flying. C. F. De Lasaux. 1,991,601; Feb. 19.
- Suit, Swimming. M. G. Monroe. 2,023,694; Dec. 10.
- Suit, Ventilated impervious. B. M. Thompson. 2,006,373; July 2.
- Suit, Waterproof combination. F. G. Molter. 2,020,155; Nov. 5.
- "Sulphate black liquor" talloel and making the same, Refined. T. Hasselstrom. 1,986,815; Jan. 8.
- Sulphate solutions of thallium and cadmium, Treating. R. Teats. 2,011,882; Aug. 20.
- Sulphates and sulphur, Producing. C. Harnist. 1,992,572; Feb. 26.
- Sulphates by the mutual reaction of sulphur dioxide, oxygen, and bases in an aqueous medium. Production of. C. von Girssewald and E. Stahl. 1,992,681; Feb. 26.
- Sulphates of ammonia, Manufacture of. A. J. van Peski. 2,011,307; Aug. 13.
- Sulphide and preparing the same, Iodated hydroxy diphenyl. T. B. Johnson. 2,017,208; Oct. 15.
- Sulphides and producing same, High molecular aliphatic. E. Elbel and A. Kirstahler. 1,987,526; Jan. 8.
- Sulphides, Arylaminomethyl thiazyl. C. Coleman. 2,010,059; Aug. 6.
- Sulphite cellulose, Producing. G. Haglund. 2,016,328; Oct. 8.
- Sulphocyanate complex of paraphenylenediamine, and similar amines, Preparation of. M. Battagay. 1,988,826; Jan. 22.
- Sulpho fatty body. M. De Groote and B. Keiser. 2,020,999; Nov. 12.
- Sulpho-halides. Production of organic. G. Kraenzlein and H. Hopff. 2,016,784; Oct. 8.
- Sulphonate Hydrazine. A. Zitscher and W. Seidenfaden. 2,018,103; Oct. 22.
- Sulphonated products, Production and purification of. M. Luther and A. V. Friedolsheim. 1,993,375; Mar. 5.
- Sulphonates and their production, Sulphonated. F. Felix and O. Albrecht. 2,010,754; Aug. 6.
- Sulphonic acid. C. Wulff and E. Roell. 2,004,546; June 11.
- Sulphonic acid carboxylic acid derivatives of 1,1'-diaryl-3,3'-arylene-5,5'-bispyrazolones. H. Kracker and R. Schmid. 2,013,181; Sept. 3.
- Sulphonic compound. F. H. MacLaren. 1,999,128; Apr. 23.
- Sulphur and process, Prepared. F. W. Wieder. 2,022,796; Dec. 3.
- Sulphur composition. L. J. Christmann and D. W. Jayne, Jr. 2,019,443; Oct. 29.
- Sulphur compounds from gas, Removing. M. J. Leahy. 1,995,545; Mar. 26.
- Sulphur-containing compounds and producing same, Etheral. F. Boedecker. 2,020,539; Nov. 19.
- Sulphur dioxide extract of petroleum, Securing. J. T. Rutherford. 2,024,476; Dec. 17.
- Sulphur dioxide from gases, Removal of. C. F. Goodeve. 2,021,548; Nov. 19.
- Sulphur dioxide, Production and purification of. W. M. Hibbs. 1,996,764; Apr. 9.
- Sulphur dye and its preparation. M. Wyler. 2,020,345; Nov. 12.
- Sulphur dyestuff preparation. H. Berthold. 1,987,583; Jan. 8.
- Sulphur from isopropyl and higher secondary alcohols, Removal of objectionable organic. F. M. Archibald and C. M. Beamer. 1,995,597; Mar. 26.
- Sulphur, Handling. C. P. McNeil. 1,993,973; Mar. 12.
- Sulphur, Purification of. E. W. Guernsey and R. E. Volbrath. 1,990,602; Feb. 12.
- Sulphur removal from hydrocarbon oils. W. M. Malisoff. 2,015,080; Sept. 24.
- Sulphur, Treating. G. E. Grindrod. 1,992,611; Feb. 26.
- Sulphur trioxide, Catalytic production of. H. P. Bassett. 2,016,222; Oct. 1.
- Sulphur trioxide. Process and apparatus for producing. A. O. Jaeger. 2,008,761; July 23.
- Sulphuric reaction products of aliphatic hydroxy carboxylic acids. H. Bertsch. 2,007,492; July 9.
- Summary board. G. H. Dawson. 2,006,795; July 2.
- Summary board. G. H. Dawson and P. O. Unger. 2,000,558; May 7.
- Summation meter. H. Landolt. 2,018,858; Oct. 29.
- Sun valve. E. H. Pendleton. 1,997,598; Apr. 16.
- Sundae and soda receptacle, Combined. A. E. Sehlbach. 2,023,703; Dec. 10.
- Supercharger. D. Gregg. 1,998,778; Apr. 23.

- Supercharger. C. H. Havill. 2,020,180; Nov. 5.
 Supercharger. J. O. Heinze. 1,993,963; Mar. 12.
 Super-charger for internal combustion engines. E. S. Marks and C. T. Doman. 1,995,935; Mar. 26.
 Supercharging of power plant. J. Pavlecka. 2,022,900; Dec. 3.
 Superheater. G. S. Blankenhorn. 1,989,127; Jan. 29.
 Superheater. M. Hard. 1,986,336; Jan. 1.
 Superheater. C. F. Krauss. 2,009,961; July 30.
 Superheater and supports, Interdeck. W. H. Attschuler. 1,990,058; Feb. 5.
 Superheater assembly. C. S. Turner. 2,000,907; May 14.
 Superheater boiler. W. H. Armacost. 2,003,818; June 4.
 Superheater boiler. W. H. Armacost. 2,007,265; July 9.
 Superheater boiler, Cross-drum. W. H. Armacost. 1,996,093; Apr. 2.
 Superheater boiler, Marine type. J. A. Barnes. 2,007,267; July 9.
 Superheater, Compensating. C. W. Gordon. 1,990,901; Feb. 12.
 Superheater, Compensating. C. W. Gordon. 2,023,223; Dec. 3.
 Superheater, Compensating. C. W. Gordon. 2,026,126; Dec. 31.
 Superheater construction, Fluid cooled. C. S. Turner. 2,001,556; May 14.
 Superheater element. A. Williams. 1,996,134; Apr. 2.
 Superheater element for smoke-tube boilers. H. Frank. 2,009,883; July 30.
 Superheater, Oil field. F. I. Epley. 2,003,826; June 4.
 Superheater recirculator. F. Haak and F. W. Smith. 2,019,606; Nov. 5.
 Superheater support. B. Smith. 2,003,838; June 4.
 Superheater support. W. R. Wood. 2,015,328; Sept. 24.
 Superheater with boiler. R. S. Cooper. 1,996,099; Apr. 2.
 Superheaters, Safeguarding of. B. Bělohávek. 1,992,115; Feb. 19.
 Superheating boiler. K. Berger. 2,007,559; July 9.
 Superheating, Method of and apparatus for. C. S. Turner. 2,000,906; May 14.
 Superheterodyne receiver. W. S. Barden. 1,997,991; Apr. 16.
 Superheterodyne receiver. D. Grimes. 2,020,832; Nov. 12.
 Superphosphate, Preparing. S. G. Nordengren. 2,015,384; Sept. 24.
 Superphosphates, Manufacture of. L. B. Skinner. 2,021,871; Nov. 19.
 Superregenerative receiver. A. Clausung. 2,010,978; Aug. 13.
 Supervisory indication of carrier current transmitter. J. L. Woodworth. 2,006,975; July 2.
 Supervisory switch. J. H. Derby. 2,026,221; Dec. 31.
 Supply controlling and feed regulating apparatus, Combined. H. A. Palmer. 2,013,576; Sept. 3.
 Supply system for thermionic tubes, Potential. J. Millen. 1,988,209; Jan. 15.
 Support: See—
 Acoustical wall support.
 Abdominal support.
 Adjustable lid support.
 Adjustable machine support.
 Adjustable support.
 Arch and ankle support.
 Arch support.
 Back support.
 Bed accessory support.
 Bell housing support.
 Book support.
 Booster motor support.
 Brake beam safety support.
 Brake beam support.
 Brake rigging support.
 Brick facing support.
 Bust support.
 Cable support.
 Camera support.
 Car coupler support.
 Carriage support.
 Cigarette support.
 Clothes hanger support.
 Clothesline support.
 Collapsible support.
 Collar and shirt support.
 Collar support.
 Concrete reinforcement support.
 Conductor support.
 Cone and like yarn support.
 Cushion arch support.
 Dental X-ray film support.
 Door support.
 Dowel support.
 Electrode support.
 Engine support.
 Fiberboard container support.
 Fishing pole support.
 Fixture support.
 Flowerpot support.
 Folding support.
 Foot arch support.
 Foot support.
 Fragile article support.
 Front motor support.
 Furniture leg support.
 Garden hose support.
 Garment support.
 Goggle support.
 Gold bag support.
 Golf bag support.
 Hat support.
 Hearing device support.
 Hose support.
 Housing support.
 Insulator support.
 Joist support.
 Key support.
 Ladder support.
 Lamp shade support.
 Lamp socket support.
 Lamp support.
 Liquid receptacle support.
 Match box support.
 Meter support.
 Motor support.
 Oven burner support.
 Paper web support.
 Plant support.
 Plumb bob support.
 Pole support.
 Price tag support.
 Radiator and front fender support.
 Rail support.
 Refrigerator cabinet support.
 Resilient support.
 Roller and curtain rod support.
 Rupture support.
 Scaffolding support.
 Scale support.
 Scream support.
 Screen plate support.
 Semitrailer and auxiliary support.
 Shelf support.
 Shoe support.
 Sign frame support.
 Signal light support.
 Spring and mattress support.
 Sprinkler support.
 Stool support.
 Superheater support.
 Tie support.
 Tissue support.
 Tool support.
 Towel book support.
 Trailer support.
 Support. S. C. Brody. 2,020,991; Nov. 12.
 Support. G. R. Corron and H. J. Clark. 2,012,941; Sept. 3.
 Support. E. Greenfield and F. J. Thibault. 2,000,592; May 7.
 Support. H. C. Lord. 2,018,860; Oct. 29.
 Support. R. B. Shearer. 2,025,004; Dec. 17.
 Support. J. Sirca. 2,025,478; Dec. 24.
 Support. R. L. Templin and R. G. Sturm. 2,025,789; Dec. 31.
 Support. J. H. Woodberry. 2,003,327; June 4.
 Support and locking means therefor, Trailer vehicle. C. H. Wagner. 2,016,468; Oct. 8.
 Support device for bedsteads and the like, Travel. H. Müller. 1,999,106; Apr. 23.
 Support fastening for portable suction cleaners, Dust bag. H. Hertz. 2,005,690; June 18.
 Support for a legless seat, Head and back. H. J. Harryman. 2,005,463; June 18.
 Support for automobile hoods. K. D. Storch. 2,012,205; Aug. 20.
 Support for awnings or sunshades. A. J. Pope. 2,002,296; May 21.
 Support for bathtubs, Washboard. B. I. Dilger. 2,007,522; July 9.
 Support for bathing devices, Adjustable. W. O. Thompson. 2,013,720; Sept. 10.
 Support for bicycles, Lamp. O. A. Carlson. 2,010,058; Aug. 6.
 Support for brake rods, Safety. S. A. Crone. 2,003,802-3; June 4.
 Support for brake rods, Safety. G. H. Fabrenbruch. 2,012,870; Aug. 27.
 Support for canopy switches, Flexible. H. Hubbell, Jr. 2,025,055; Dec. 24.
 Support for casting cores, Expanding. E. L. J. Martel. 2,022,214; Nov. 26.
 Support for Christmas trees, Rotatable. H. A. Doring. 1,987,994; Jan. 15.
 Support for clamps, Adjustable. A. Mahannah. 2,019,789; Nov. 5.
 Support for cleaners, Adjustable. J. K. Delano. 2,023,007; Dec. 3.
 Support for dispensing beverages, Movable. J. R. Picard. 1,990,879; Feb. 12.
 Support for drooping plants. C. Zingre. 2,000,632; May 7.
 Support for dump bodies and the like. G. O. Duesler. 2,007,957; July 16.
 Support for electric batteries undergoing charging. C. J. McKenna. 2,002,037; May 21.
 Support for endless conveyers, Adjustable. W. P. Shomaker. 1,992,046; Feb. 19.
 Support for engraving machine cutter heads, Swingable. G. Gorton. 2,000,838; May 7.
 Support for flexible posters. J. N. Emley. 2,005,134; June 18.
 Support for folding tables, Folding. H. Larsson. 2,001,364; May 14.
 Support for geometrical instruments. O. F. Buzhardt. 1,999,925; Apr. 30.
 Support for glass capsules containing pharmaceutical products. G. Nuyts. 2,008,335; July 16.
 Support for heddle bars. R. Ragan. 2,002,548; May 28.
 Support for ironing boards, Sleeve board bracket. H. A. Salmon. 2,008,596; July 16.
 Support for machines. E. Schmierer. 1,996,627; Apr. 2.
 Support for manhole covers, Resilient. W. F. Born and O. H. Jobski. 1,987,502; Jan. 8.
 Support for oil tanks. E. J. Fleming, Jr. 1,995,202; Mar. 19.
 Support for portable optical instruments. A. Pulz. 2,015,869; Oct. 1.
 Support for portable suction cleaners, Dust bag. H. Hertz. 2,005,691; June 18.
 Support for sight feed lubricating device. B. N. Pierce. 2,007,502; July 9.
 Support for tables, Tiltable. W. F. Ocenasek. 1,996,825; Apr. 9.
 Support for telephone hand sets. M. A. Sidders. 2,020,084; Nov. 5.
 Support for the head while sleeping or resting in a sitting position. G. L. McClellan. 2,000,344; May 7.
 Support for tiling, blocks, or monoliths, Wall. T. S. Whiteside. 2,007,842; July 9.
 Support for tube frames. E. J. Dacey. 1,997,047; Apr. 9.
 Support for tube frames in Axminster looms. E. J. Dacey. 1,997,046; Apr. 9.
 Support for use in building construction, Temporary. W. H. Smith. 1,996,887; Apr. 9.
 Support for vehicle frames and the like, Pneumatic. H. H. Robinson. 2,006,409; July 2.
 Trolley wire support.
 Turbine pump support.
 Undergarment and abdominal support.
 Utensil support.
 Vehicle body support.
 Vehicle door support.
 Web roll support.
 Window curtain support.
 Window support.
 Wing shield support.
 Yarn support.

- Support or mounting for pneumatic tires. P. M. Bourdon. 2,018,597; Oct. 22.
- Supporter, Garment. S. N. Baruch. 2,019,469; Oct. 29.
- Supporter, Garment. A. D. Quasso. 2,001,629; May 14.
- Supporter, Garment. J. G. Tompkins. 1,998,564; Apr. 23.
- Supporter, Garment. G. F. and G. A. Waters. 2,021,619; Nov. 19.
- Supporter, Hose. E. Donaldson. 1,992,741; Feb. 26.
- Supporter, Hose. M. Hawie. 2,005,622; June 18.
- Supporter, Hose. F. K. Hemphill. 2,021,600; Nov. 19.
- Supporter, Hose. C. C. Platt. 1,991,172; Feb. 12.
- Supporter, Wearing apparel. E. B. French. 1,997,403; Apr. 9.
- Supporting and conveying means for electric welding apparatus. G. G. Landis and F. Malner. 2,009,113; July 23.
- Supporting and positioning device for chairs and the like. C. Führer. 1,988,037; Jan. 15.
- Supporting apparatus. G. Decker. 2,024,760; Dec. 17.
- Supporting apparatus. T. R. Lofland. 1,999,938; Apr. 30.
- Supporting apparatus. W. L. Stensgaard. 2,001,222; May 14.
- Supporting bracket. E. J. Elson. 2,015,845; Oct. 1.
- Supporting bracket. F. O. Parker. 1,988,136; Jan. 15.
- Supporting device. J. O. Davis. 2,009,044; July 23.
- Supporting device. G. J. Houts. 2,026,312; Dec. 31.
- Supporting device. W. V. Metz. 1,995,574; Mar. 26.
- Supporting device. J. C. Tonko. 2,001,291; May 14.
- Supporting device for hats and garments. P. L. Lazarus. 2,010,093; Aug. 6.
- Supporting device for the trailers of saddle tractors. D. Fischer. 1,998,712; Apr. 23.
- Supporting device, Nonresonant. A. W. Hull. 2,012,129; Aug. 20.
- Supporting device, Yarn and the like. D. R. Simonds. 2,011,916; Aug. 20.
- Supporting joint. H. W. Gould and A. J. Matter. 1,996,761; Apr. 9.
- Supporting legs to gun mountings, Detachably connecting braced. H. and F. Herlach. 1,995,981; Mar. 26.
- Supporting means. S. Briskin. 2,007,998; July 16.
- Supporting means for a gyroscope. A. G. H. Straatman. 2,020,165; Nov. 5.
- Supporting means for automobiles. K. J. Tobin. 2,026,512; Dec. 31.
- Supporting means for brake mechanism, Emergency. C. R. Busch. 1,988,235; Jan. 15.
- Supporting means for car tanks. C. H. Folmsbee. 1,988,308; Jan. 15.
- Supporting means for floating decks. F. W. Kueffer. 1,994,478; Mar. 19.
- Supporting means for furnace structures. G. E. Howard. 1,989,985; Feb. 5.
- Supporting means for train pipe couplings. H. P. Petznick. 1,987,868; Jan. 15.
- Supporting rack. M. J. Schilling. 2,010,203; Aug. 6.
- Supporting structure, Yieldable. T. M. Berry. 1,988,295; Jan. 15.
- Supports for machine tools, Work. T. B. Buell. 2,023,869; Dec. 10.
- Supports made of cellulose derivatives for use in the manufacture of sheets of material soluble in organic solvents. W. Gladhorn and L. Eckler. 1,988,550; Jan. 22.
- Suppository, Combination pessary and vaginal. G. A. Cruickshank. 2,020,107; Nov. 5.
- Suppository holder. B. Ackerman. 2,017,334; Oct. 15.
- Surf board. W. T. Currey. 2,018,548; Oct. 22.
- Surface condenser. W. M. Nagle. 1,995,361; Mar. 26.
- Surface condenser. A. L. Penniman. 1,992,504; Feb. 26.
- Surface convector, Extended. W. E. Oakey. 2,007,001; July 2.
- Surface convectors, Making extended. W. E. Oakey. 2,007,000; July 2.
- Surface decorating machine. R. H. McBean. 2,016,868; Oct. 8.
- Surface decoration, Device for. R. C. Gere. 1,996,916; Apr. 9.
- Surface finishing the side walls of slots, Apparatus for. F. W. Trendell. 1,988,025; Jan. 15.
- Surface ornamentation. S. J. Heinrich. 1,990,732; Feb. 12.
- Surface plate, Angularly adjustable. J. Verderber and E. F. Batterman. 2,014,156; Sept. 10.
- Surface-treating machine. C. G. Wennerstrom. 2,026,006; Dec. 31.
- Surfacer. F. Riebel, Jr., D. M. Dow, and L. M. Henson. 2,011,012; Aug. 13.
- Surfaces, Apparatus for and method of illuminating. R. J. Ward. 2,015,170; Sept. 24.
- Surfaces, Cleaning oil-covered. V. J. Todd. 2,023,496; Dec. 10.
- Surfaces, Device for resurfacing or grinding parallel. K. Karnath. 1,993,844; Mar. 12.
- Surfaces, Illuminating. M. Poser. 2,004,798; June 11.
- Surfaces, Method and apparatus for decorating. L. V. Casto. 2,023,463; Dec. 10.
- Surfaces of revolution eccentric to one another, Apparatus for producing. A. H. Dail. 1,993,831; Mar. 12.
- Surfaces on wood, Preparing polished top. A. Eichen-grün. 1,994,697; Mar. 19.
- Surfaces, Process and composition for the production of reflecting. M. Meltner. 1,989,764; Feb. 5.
- Surfaces with abrasion resisting material, Protectively facing. K. Strobel. 2,003,019; May 28.
- Surfacing apparatus. W. A. Rosenberger. 2,011,984; Aug. 20.
- Surge arrester. S. Ruben. 2,007,932; July 9.
- Surge current instrument. F. B. Meager. 2,018,459; Oct. 22.
- Surge diverter. L. H. Hill. 2,018,672; Oct. 29.
- Surge pressures, Controlling. C. V. Foulds. 1,995,299; Mar. 26.
- Surge protector. J. Bader. 1,992,852; Feb. 26.
- Surge responsive device. F. C. Lindvall. 2,009,114; July 23.
- Surgical air-blast and suction tip, Combination. J. B. Jenkins. 1,987,907; Jan. 15.
- Surgical appliance. E. E. Longfellow. 1,997,466; Apr. 9.
- Surgical appliance. R. R. Norwood. 2,024,301; Dec. 17.
- Surgical appliance. L. M. Smith. 2,018,328; Oct. 22.
- Surgical appliance. N. V. Smith. 2,026,104; Dec. 31.
- Surgical casts, Making. R. G. Ashby. 1,996,228; Apr. 2.
- Surgical device. R. Vogel. 2,012,363; Aug. 27.
- Surgical dressing. O. De Muth. 2,012,755; Aug. 27.
- Surgical dressings, Packaging. A. A. Rohlfing. 2,017,819; Oct. 15.
- Surgical fracture extension appliance. H. Rouse. 2,002,021; May 21.
- Surgical fracture reducing appliance. E. E. Longfellow. 2,014,111; Sept. 10.
- Surgical instrument. H. H. Harris. 2,025,345; Dec. 24.
- Surgical instrument. H. Hillebrand. 2,008,251; July 16.
- Surgical instrument. H. C. Scott. 2,024,982; Dec. 17.
- Surgical instruments and the like, Producing. H. Jacobs. 1,990,694; Feb. 12.
- Surgical pump. M. E. DeBakey and C. E. Schmidt. 2,018,998-9; Oct. 29.
- Surgical resection. F. C. Wappler. 2,002,559; May 28.
- Surgical splint and reducing frame. E. E. Longfellow. 2,020,262; Nov. 5.
- Surgical suture and needle. S. J. Everett. 2,014,170; Sept. 10.
- Survey plug. E. L. Rainboth. 1,995,398; Mar. 26.
- Surveying apparatus. Weil. W. E. Winn. 2,013,875; Sept. 10.
- Surveying method and apparatus. E. L. Nichols. 1,999,201; Apr. 30.
- Suspender adjusting device. J. M. Clark. 1,992,414; Feb. 26.
- Suspender and assemblage, Cord elastic. L. W. Joyce. 2,003,750; June 4.
- Suspenders. H. S. Frank. 1,987,527; Jan. 8.
- Suspenders. T. O. Murray. 1,986,519; Jan. 1.
- Suspension and coupling structure for a hook, Combined. F. Netz. 2,010,733; Aug. 6.
- Suspension arrangement for road or other vehicles. F. G. G. Armstrong. 2,007,952; July 16.
- Suspension device, Adjustable. E. J. Casper. 2,005,334; June 18.
- Suspension for lubrication and other purposes. V. R. Abrams. 2,007,137; July 2.
- Suspension for vehicles. G. M. Barnes. 2,011,565; Aug. 20.
- Suspension for vehicles. H. A. Knox and C. Hiller, Jr. 2,011,583; Aug. 20.
- Suspension for vehicles. W. H. Tschappat. 2,025,793; Dec. 31.
- Suspension for vehicles, Pneumatic. H. B. Simmons. 2,000,196; May 7.
- Suspension means for motor-vehicles. P. Riley. 1,991,911; Feb. 19.
- Suspension system and method for electric wiring, Rigid. P. S. Jenkins. 1,992,574; Feb. 26.
- Swab. P. F. Deford. 2,006,539; July 2.
- Swab, Dyeing. J. Schiffer. 2,000,456; May 7.
- Swab holding device. J. L. Nilson. 2,014,602; Sept. 17.
- Swab, Oil well. B. E. Tyler. 2,000,109; May 7.
- Swab, Well. F. A. Thaheld. 2,013,903; Sept. 10.
- Swaging machine. H. A. Douglas. 2,002,502; May 28.
- Swaging means. H. A. Douglas. 2,002,220; May 21.
- Swatter, Fly. C. T. Achor. 2,014,364; Sept. 17.
- Swatter, Fly. J. L. Bennett and S. A. Platt. 2,022,615; Nov. 26.
- Swatter, Fly. L. Osterkamp. 1,994,199; Mar. 12.
- Swatter, Fly. S. A. Platt. 2,023,209; Dec. 3.
- Swatter, Insect. C. C. Bailey. 1,991,836; Feb. 19.
- Swatter, Insect. S. P. Neuhäuser. 2,014,027; Sept. 10.
- Swatter, Sanitary washable fly. C. E. Turnquist. 2,015,092; Sept. 24.
- Sway control machine. W. Goldsmith. 1,999,452; Apr. 30.
- Sweatband. E. J. Drueiding. 2,013,088; Sept. 3.
- Sweeper. N. W. Cummins. 1,993,296; Mar. 5.
- Sweeper bag cleaner, Electric. H. H. Emmons. 1,997,720; Apr. 16.
- Sweeper, Carpet. O. G. Burch. 2,026,414; Dec. 31.
- Sweeper, Carpet. I. C. Cranon. 2,012,658; Aug. 27.
- Sweeper, Carpet. F. W. Pullen. 2,011,261; Aug. 13.
- Sweeper, Carpet. F. Robinson and C. I. Betts. 1,995,944; Mar. 26.
- Sweeper construction, Carpet. F. W. Pullen. 2,011,262; Aug. 13.
- Sweeper, Lawn. M. S. Rudd. 1,987,371; Jan. 8.
- Sweeper, Suction. O. Schlingplässer. 1,987,028; Jan. 8.
- Sweeping machine. P. N. Eichhammer. 2,006,632; July 2.
- Swift. C. H. Cowen, Jr. 2,021,048; Nov. 12.
- Swift. F. Klein. 2,010,866; Aug. 13.
- Swimming and life saving apparatus. R. P. F. Ferber. 2,006,915; July 2.
- Swimming apparatus. R. Huebner. 2,009,551; July 30.

- Swimming, Apparatus for use in the instruction of. C. McDermott. 2,013,520; Sept. 3.
- Swimming appliance. E. B. C. Doran. 2,023,314; Dec. 3.
- Swimming bath. G. E. Morgans. 2,004,825; June 11.
- Swimming device. A. T. Dawzda. 2,010,750; Aug. 6.
- Swimming device. G. Komadina. 2,017,463; Oct. 15.
- Swimming instructor, Mechanical crawl stroke. C. W. Kabisius. 1,990,124; Feb. 5.
- Swimming machine. A. E. Stoker. 2,014,192; Sept. 10.
- Swimming practice apparatus. E. Hess. 2,019,224; Oct. 29.
- Swimming tank, Portable safety. T. M. Russell. 2,016,456; Oct. 8.
- Swing and weighing apparatus, Combination infant's. J. L. Davis. 1,988,166; Jan. 15.
- Swing, Folding. W. J. Foley. 1,991,737; Feb. 19.
- Swing, Power driven. A. T. Goetter. 2,024,855; Dec. 17.
- Swing rocker, Gliding. E. L. Weaver. 1,986,233; Jan. 1.
- Swinging and swiveling chair. P. H. Johnson. 2,024,045; Dec. 10.
- Switch: See—
- Acoustic switch. Magnet controlled switch.
- Alarm switch. Magnetic switch.
- Automatic intermittent switch. Mercury switch.
- Automatic step - by - step switch. Mercury tube switch.
- Automobile signal switch. Meter test switch.
- Automotive stop switch. Monorail switch.
- Centrifugal electric switch. Oil pressure switch.
- Centrifugal switch. Oscillating snap switch.
- Coin controlled switch. Pressure switch.
- Control switch. Pulse actuated switch.
- Cut-out switch. Push button switch.
- Defroster switch. Rail switch.
- Delay switch. Relay switch.
- Delayed action electric switch. Retard switch.
- Disconnecting switch. Rotary switch.
- Drum switch. Safety impact switch.
- Electric safety switch. Safety switch.
- Electric selecting switch. Secondary plug switch.
- Electric snap switch. Selective switch.
- Electric switch. Signal switch.
- Electric time switch. Snap switch.
- Electrical switch. Spring switch.
- Electromagnetic switch. Starting motor switch.
- Flow operated switch. Supervisory switch.
- Fluid pressure switch. Telephone handset switch.
- Fuse switch. Thermal switch.
- Gas switch. Thermally controlled switch.
- Gear shift lever switch. Thermo-tatic switch.
- Humidity control switch. Tilting switch.
- Hygrometer operated switch. Time controlled switch.
- Keyless locking switch. Time switch.
- Liquid switch. Toggle switch.
- Lock switch. Track switch.
- Switch. A. Bolduc. 2,020,352; Nov. 12.
- Switch. C. E. Bryant. 2,017,179; Oct. 15.
- Switch. H. E. Bucklen. 1,991,010; Feb. 12.
- Switch. C. Christensen. 2,010,533; Aug. 6.
- Switch. R. L. Dasher. 1,995,671; Mar. 26.
- Switch. P. B. Hoyer. 2,000,080; May 7.
- Switch. W. E. Laganke. 2,025,872; Dec. 31.
- Switch. O. Laplante. 2,004,207; June 11.
- Switch. M. W. Morris. 2,016,340; Oct. 8.
- Switch. A. S. Pinkus. 1,992,923; Feb. 26.
- Switch. J. C. Rah. M. Stene and E. S. Cornell. 1,998,589; Apr. 23.
- Switch. G. J. Reisinger, Jr. 2,020,213; Nov. 5.
- Switch. J. K. Rippe. 2,019,658; Oct. 29.
- Switch. J. H. Starr. 2,012,409; Aug. 27.
- Switch. C. J. Werner. 1,991,037; Feb. 12.
- Switch. F. W. Werring. 2,023,377; Dec. 3.
- Switch. G. O. Wilms. 2,016,472; Oct. 8.
- Switch actuating mechanism. M. E. Henning. 2,020,836; Nov. 12.
- Switch actuating mechanism, Electric. W. Williamson. 2,014,217; Sept. 10.
- Switch adapter for hand telephone sets, Hook. A. C. Reid. 2,017,258; Oct. 15.
- Switch and fuse box, Safety. W. M. Mitchell. 2,009,297; July 23.
- Switch and fuse mechanism. E. G. Johansson. 2,004,327; June 11.
- Switch and housing therefor. C. M. Petersen. 1,998,995; Apr. 23.
- Switch and mounting for same, Thermostatic. F. W. Scharf. 2,004,963; June 18.
- Switch and rheostat, Combination. N. C. Schellenger. 2,014,637; Sept. 17.
- Switch and signal system. A. G. Shaver. 2,007,695; July 9.
- Switch and tester, Electric control. L. Zachara. 2,009,570; July 30.
- Switchboard. W. S. Wood, G. W. Janson, and E. A. Demonet. 2,009,978; July 30.
- Switch-board construction. W. Wurdack, Jr. 2,017,743; Oct. 15.
- Switch box. E. G. Johansson. 2,019,862; Nov. 5.
- Switch circuit controller connection, Railway. B. A. Lundy. 2,009,269; July 23.
- Switch circuit controller, Railway. H. L. Bone. 1,989,128; Jan. 29.
- Switch closing mechanism. F. P. Rhine. 1,993,946; Mar. 12.
- Switch clutch. S. Bauer. 1,996,849; Apr. 9.
- Switch construction. M. L. Jeffrey. 1,989,277; Jan. 29.
- Switch contact. V. H. Sanders. 1,986,224; Jan. 1.
- Switch control, Automatic. S. S. Stolp and F. H. Richter-kessing. 2,026,071; Dec. 31.
- Switch control, Hydraulic. C. J. Winkler and J. Roland. 1,994,800; Mar. 19.
- Switch controlling apparatus, Railway. C. A. Brooks. 2,007,635; July 9.
- Switch controlling apparatus, Railway. M. A. Penrod. 2,007,659; July 9.
- Switch controlling apparatus, Railway track. C. W. Dalzell. 2,025,574; Dec. 24.
- Switch controlling means, Railway. H. C. Odenkirk. 2,017,769; Oct. 15.
- Switch cover plate. J. F. Walsh and R. P. Piperoux. 2,022,364; Nov. 26.
- Switch device. H. G. Breitenstein. 2,017,274; Oct. 15.
- Switch device for pin ball games. H. G. Breitenstein. 2,018,776; Oct. 29.
- Switch for automotive vehicles, Automatically released direction. B. L. Bobroff. 2,011,966; Aug. 20.
- Switch for blast heaters, Overload. W. W. Kunz. 2,006,810; July 2.
- Switch for bowling alleys, Electric. A. E. James. 2,009,266; July 23.
- Switch for direction indicators. S. J. E. Askund. 2,001,234; May 14.
- Switch for direction indicators, Change-over. C. A. Löfgren. 2,015,942; Oct. 1.
- Switch for electric meters. E. G. Johansson. 2,004,329; June 11.
- Switch for electrically controlled signals. R. R. and W. E. Rach. 1,986,527; Jan. 1.
- Switch for forward and rear motor vehicle signals, Proving. J. R. Haines. 2,007,084; July 2.
- Switch for motion picture projectors, Control. P. E. Duggan. 2,011,272; Aug. 13.
- Switch for motor vehicles, Starting. C. E. Reeves. 1,993,115; Mar. 5.
- Switch for oil well pumping equipment. O. A. Cavins. 2,018,946; Oct. 29.
- Switch for step transformers, Load-change-over. B. Jansen. 1,985,928; Jan. 1.
- Switch for use in telephone systems, Selecting. W. G. Patterson and D. P. Long. 2,013,169; Sept. 3.
- Switch for vehicle signals, Control. W. F. Neubeck. 1,992,674; Feb. 26.
- Switchgear, Electric. J. M. Goodall and E. D. Regis. 2,010,716; Aug. 6.
- Switchgear, Electric. C. C. Garrard and F. J. Keeley. 1,985,984; Jan. 1.
- Switch gear, Electrical. D. R. Davies. 1,992,024; Feb. 19.
- Switchgear, Electrical. G. M. Reed. 2,013,525; Sept. 3.
- Switch gear, Metal clad. A. M. Rossman. 2,022,870; Dec. 3.
- Switch gear, Metal-clad electric. A. Allan. 1,990,853; Feb. 12.
- Switchgear, Metal-clad electric. A. Allan. 2,009,333-5; July 23.
- Switch housing and operating mechanism. C. A. Hardage. 1,987,571; Jan. 8.
- Switch housing and plug receptacle, Interlocked explosionproof. C. H. Bissell. 2,015,543; Sept. 24.
- Switch joint protector and rerailer. J. Kostecka. 2,018,450; Oct. 22.
- Switch lock for railways. L. J. Cotton. 1,998,570; Apr. 23.
- Switch mechanism. P. W. Baker. 2,025,324; Dec. 24.
- Switch mechanism. O. S. Jennings. 2,015,561; Sept. 24.
- Switch mechanism, Delayed action. I. E. McCabe. 2,005,195; June 18.
- Switch mechanism, Electric. A. Palme. 2,026,356; Dec. 31.
- Switch mechanism, Electric. J. Sachs. 1,986,221; Jan. 1.
- Switch mechanism, Electric. A. J. Shekter. 2,000,648; May 7.
- Switch mechanism for automobile direction signals. J. R. Haines. 2,007,085; July 2.
- Switch mechanism for conveying systems. M. J. Anderson. 1,998,065-6; Apr. 16.
- Switch mechanism for direction indicators. F. T. Routery. 1,991,960; Feb. 19.
- Switch mechanism for direction indicators for motor vehicles. F. T. Routery. 2,016,908; Oct. 8.
- Switch mechanism for forward and rear motor vehicle signals. J. R. Haines. 1,996,416; Apr. 2.
- Switch mechanism, Motor driven. G. Ogurkowski. 2,001,920; May 21.
- Switch mounting. C. H. Bissell. 2,015,544; Sept. 24.
- Switch operating apparatus, Railway. H. L. Bone. 2,007,673-4; July 9.
- Switch operating apparatus, Railway. R. M. Gilson. 1,996,198; Apr. 2.
- Switch operating apparatus, Railway. W. L. Stout. 1,992,551; Feb. 26.
- Switch operating apparatus, Railway. W. C. McWhirter. 2,003,382; June 4.
- Switch operating apparatus, Railway. W. C. McWhirter and E. G. Little. 2,000,860; May 7.
- Switch operating apparatus, Railway. W. C. McWhirter and E. G. Little. 2,019,189; Oct. 29.

- Switch operating circuit with annunciator signals. F. H. Richterkeressing and S. S. Stolp. 2,019,730; Nov. 5.
- Switch operating means, Electric. J. F. Frese. 2,025,682; Dec. 24.
- Switch operating mechanism. O. J. Moehler. 2,020,733; Nov. 12.
- Switch plate, Safety. F. E. Tiffany. 2,015,698; Oct. 1.
- Switch plug, Automatic thermostatic. A. C. Wilcox. 2,005,763; June 25.
- Switch structure. E. J. Dyess. 2,005,413; June 18.
- Switch structure, Electric. J. G. Jackson. 1,988,688; Jan. 22.
- Switch suitable for wireless receivers, Light-current electric. W. J. Brown and R. E. Spencer. 2,019,807; Nov. 5.
- Switches and receptacles in outlet boxes, Screwless. H. Hubbell, Jr. 1,999,194; Apr. 30.
- Switches in totalizer systems, Control of. F. Limb. 2,005,151; June 18.
- Switches, Mechanism for operating railway. O. M. Strunk. 2,021,028; Nov. 12.
- Switches, Method and device for transporting and laying railway. L. Köpke, H. Wundenberg, W. Rellensmann, and H. Koch. 1,994,717; Mar. 19.
- Switches of the double-pole type, Electric snap. A. W. Krieger. 2,011,293; Aug. 13.
- Switching apparatus. G. Steiner. 2,015,163; Sept. 24.
- Switching means. E. Blomquist. 2,014,272; Sept. 10.
- Switching means. T. G. Le Clair and C. M. Gross. 2,017,907; Oct. 22.
- Switching mechanism. R. E. Hersey. 2,023,589; Dec. 10.
- Switching mechanism. J. N. Reynolds. 2,021,329; Nov. 19.
- Switching mechanism. S. B. Sanford and D. C. Larson. 1,997,655; Apr. 16.
- Switching mechanism. Electric. D. A. Christian. 2,003,782; June 4.
- Switching mechanism, Pressure actuated. J. B. Pumphrey. 2,020,619; Nov. 12.
- Switching system. G. T. Lorange. 2,001,101; May 14.
- Switching system, Automatic. D. C. Hoffmann. 2,018,495; Oct. 22.
- Swivel barricade structure with attached supports. A. J. Penote. 1,998,520; Apr. 23.
- Swivel chair. T. W. Foote. 1,986,105; Jan. 1.
- Swivel coupling. S. Guarnaschelli. 2,026,167; Dec. 31.
- Swivel electrical connector. F. W. Fries. 2,021,504; Nov. 19.
- Swivel head tool. J. W. Geddes. 2,020,242; Nov. 5.
- Sword carrier for subaqueous sound apparatus, Streamlined. H. Hecht. 2,022,038; Nov. 26.
- Swivel. Weight indicating rotary. J. S. Morgan, Jr. 1,993,796; Mar. 12.
- Swiveling chain. G. J. Meyer. 1,996,586; Apr. 2.
- Synchronizing and connecting system. H. Müller. 1,994,418; Mar. 12.
- Synchronizing apparatus. G. De Croce. 1,994,908; Mar. 19.
- Synchronizing apparatus. H. T. Seeley. 2,009,097; July 23.
- Synchronizing apparatus for photo-telegraphy, etc. A. G. Cooley. 2,015,742; Oct. 1.
- Synchronizing arrangement. E. S. Purington. 1,994,230; Mar. 12.
- Synchronizing clutch. B. Thomson. 2,001,856; May 21.
- Synchronizing device. E. A. Thompson. 2,022,095; Nov. 26.
- Synchronizing means for cinematographs and phonographs, Automatic. E. S. Hopkins. 2,012,044; Aug. 20.
- Synchronizing means for transmission mechanisms. H. T. Thomas. 2,017,997; Oct. 22.
- Synchronizing mechanism for rotary flying shears. W. W. Macfarren. 1,994,107; Mar. 12.
- Synchronizing mechanism for transmission gearing. W. R. Griswold. 2,008,497; July 16.
- Synchronizing system. H. J. J. M. de Regnaud de Belleseize. 1,990,428; Feb. 5.
- Synchronizing system. A. Karolus, F. Schröter, and W. Ilberg. 1,987,110; Jan. 8.
- Synchronizing system. A. M. Marks. 2,005,153; June 18.
- Synchronizing system. A. H. Reeves. 1,988,609; Jan. 22.
- Synchronizing system for unit-type printing presses. W. L. Wright. 1,993,579; Mar. 5.
- Synchronous device. R. Barthelemy. 2,023,505; Dec. 10.
- Synchronous electric motor. W. Kohlhausen. 2,018,676; Oct. 29.
- Synchronous electric motor, Self-starting. W. Kohlhausen. 2,019,683; Nov. 5.
- Synchronous machine. J. Lell. 2,008,360; July 16.
- Synchronous motor. O. Janzen. 2,017,624; Oct. 15.
- Synchronous motor. S. Karasawa. 1,992,826; Feb. 26.
- Synchronous motor. L. Michaelis. 2,017,700; Oct. 15.
- Synchronous motor. M. E. Thompson. 2,001,439; May 14.
- Synchronous motor. H. E. Warren. 1,998,297; Apr. 16.
- Synchronous motor, Self-starting. J. A. Reinhardt and O. H. Kaminsky. 2,015,042; Sept. 17.
- Synchoscope. S. Ruben. 2,007,935; July 9.
- Syphon, Liquid conduction. J. P. Auter. 2,018,110; Oct. 22.
- Syringe. A. E. Smith. 1,993,630; Mar. 5.
- Syringe. J. W. Walters. 1,987,137; Jan. 8.
- Syringe. F. L. Wood. 2,002,024; May 21.
- Syringe. Ampulla. C. Baudouin and K. Pietsch. 2,000,434; May 7.
- Syringe—air-operated, Hypodermic. A. E. Ericson and G. C. Zeidler. 2,017,276; Oct. 15.
- Syringe and ampule therefor. A. E. Smith. 1,993,629; Mar. 5.
- Syringe and closure cap for containers, Hypodermic. S. D. Goldberg. 2,020,825; Nov. 12.
- Syringe apparatus. L. Gross. 1,990,646; Feb. 12.
- Syringe barrel. F. S. Dickinson. 1,998,982; Apr. 23.
- Syringe equipment. G. N. Hein. 1,987,146; Jan. 8.
- Syringe, Fountain. T. W. Miller. 2,023,026; Dec. 3.
- Syringe, Hypodermic. H. T. Campkin. 1,988,480; Jan. 22.
- Syringe, Hypodermic. S. J. Everett. 2,016,631; Oct. 8.
- Syringe, Hypodermic. A. E. Smith. 2,025,219; Dec. 24.
- Syringe, Injection. J. Schoene. 2,015,970; Oct. 1.
- Syringe plunger retarding means, Hypodermic. L. Eisele. 2,014,493; Sept. 17.
- Syringe protector. G. L. King. 1,991,103; Feb. 12.
- Syringe, Rectum. T. Cho. 1,995,602; Mar. 26.
- Syringe renovator. K. W. Nickerson. 1,999,571; Apr. 30.
- System impervious to unbalanced faults. A. D. Doyjikov, C. L. Fortescue, and C. F. Wagner. 2,000,693; May 7.
- System including repeater. O. B. Jacobs. 2,020,318; Nov. 12.
- Tab for cloth samples. M. Steinthal. 1,994,673; Mar. 19.
- Tabs from addressograph plate carriers, Apparatus for drawing. C. A. Towne. 2,016,101; Oct. 1.
- Table: See—
- | | |
|---------------------------------|------------------------|
| Adjustable table. | Foldable table. |
| Adjustable work carrying table. | Folding ironing table. |
| Bed tray table. | Folding leg table. |
| Bedside adjustable table. | Folding table. |
| Card table. | Game table. |
| Chiropractic table. | Gathering table. |
| Chiropractor's table. | Glass cutting table. |
| Cigar maker's table. | Invalid's table. |
| Collapsible table. | Ironing table. |
| Cross-roll delivery table. | Knock-down table. |
| Cutting table. | Massage table. |
| Delivery table. | Navigating table. |
| Drafting table. | Reading table. |
| Draw table. | Slime table. |
| Drop leaf table. | Sorting table. |
| Duplicate bridge table. | Tennis table. |
| Extension table. | Therapeutic table. |
| Fire control table. | Undertaker's table. |
| Foldable leg table. | Work table. |
- Table. D. F. Ferney. 2,017,844; Oct. 22.
- Table. T. B. Hadley. 2,022,238; Nov. 26.
- Table. F. Hernes. 2,008,613; July 16.
- Table. G. N. Kelly and L. Wuenn. 1,990,698; Feb. 12.
- Table. E. W. North. 2,017,289; Oct. 15.
- Table. D. Royce. 2,004,296; June 11.
- Table. M. B. Smith. 1,997,660; Apr. 16.
- Table. A. H. C. Trepte and P. Shalita. 2,015,976; Oct. 1.
- Table. L. W. Wokosin. 2,016,353; Oct. 8.
- Table air pump. V. R. McMillan. 1,998,903; Apr. 23.
- Table and chair, Combination. E. Kosanek. 1,992,434; Feb. 26.
- Table and chairs, Combined foldable. E. Weinbaum. 2,019,374; Oct. 29.
- Table and endless conveyer. N. Bonanno. 1,996,637; Apr. 2.
- Table and instruments therefor, Combination drafting. W. P. Niukkanen and S. Mikkonen. 2,000,247; May 7.
- Table appliance, Cafeteria. H. C. Gessler. 1,986,262; Jan. 1.
- Table attachment. G. C. Sherman. 2,025,312; Dec. 24.
- Table attachment, Automatic. K. Landgrebe. 2,007,471; Jan. 1.
- Table attachment, Card. N. Ritch. 1,995,943; Mar. 26.
- Table construction. A. Heath. 2,004,696; June 11.
- Table, drain, and conveyer, Combination service. G. E. Everett. 2,022,591; Nov. 26.
- Table fixture. H. E. Brunnhoff. 1,993,702; Mar. 5.
- Table for fourdrinier machines, Vertically adjustable. L. L. Lapeyrouse. 2,003,753; June 4.
- Table for jig saws, Portable. F. H. Kelley. 2,015,275; Sept. 24.
- Table for portable sewing machines, Auxiliary. E. Schaefer. 1,993,981; Mar. 12.
- Table for rolling mills. E. Drexler. 2,001,129; May 14.
- Table for rolling mills. E. Drexler. 2,018,255; Oct. 22.
- Table illuminator, Operating. J. Gebb. 1,985,922; Jan. 1.
- Table leg adjustment. C. H. Green. 1,996,331; Apr. 2.
- Table leg brace. W. M. Boenning. 1,987,770; Jan. 15.
- Table leveler. R. K. Gray. 2,010,299; Aug. 6.
- Table-net bracket. P. W. Sloan. 2,004,397; June 11.
- Table or similar article of furniture. V. F. Blake. 2,003,821; June 4.
- Table pad. O. Winter. 2,025,926; Dec. 31.
- Table seat. E. Fischhoff. 2,005,652; June 18.
- Table skittle alley. H. Freytag. 2,017,796; Oct. 15.
- Table slide. C. D. Lanum. 2,022,318; Nov. 26.
- Table structure, Portable. E. Verstraete. 2,017,223; Oct. 15.
- Table top. J. W. Beiger. 1,987,768; Jan. 15.
- Table top. G. F. Corduan. 2,013,135; Sept. 3.
- Table top. P. H. Cruikshank. 1,988,239; Jan. 15.
- Table top, Card. W. J. Nevius. 2,001,918; May 21.
- Table top, Tilttable. W. J. Merrigan. 2,005,100; June 18.
- Table-turning mechanism. L. D. Titus. 2,015,639; Sept. 24.

- Table unit, Collapsible. H. L. La Fetra. 2,014,257; Sept. 10.
- Tableware, Article of. R. G. Cowan. 2,024,995; Dec. 17.
- Table with foldable leaves. W. A. Duncan. 2,003,926; June 4.
- Tablet, Burial. W. D. Durrett and A. B. Stout. 2,023,519; Dec. 10.
- Tablet dispensing device. A. C. Pearson. 1,992,579; Feb. 26.
- Tablet, Sectional commemorative. A. J. Lytle. 2,007,472; July 9.
- Tabulating machine. F. M. Carroll. 2,000,218; May 7.
- Tabulating machine. F. M. Carroll. 2,019,891; Nov. 5.
- Tabulating machine. U. Kölm. 2,019,863; Nov. 5.
- Tabulating and listing machine. A. H. Adams and P. M. Rainey. 1,995,595; Mar. 26.
- Tabulating machine. J. M. Cunningham. 1,987,326; Jan. 8.
- Tabulating mechanism for accounting machines. R. A. Christian. 2,002,362; May 21.
- Tabulating mechanism for typewriting machines. W. H. Boal. 2,006,983; July 2.
- Tabulating mechanism for typewriting machines. H. A. Footthorpe. 1,990,480; Feb. 12.
- Tabulating, typewriting, or like printing machine. F. G. S. English. 1,993,959; Mar. 12.
- Tabulator. F. A. Niemann. 2,026,245; Dec. 31.
- Tabulator, Subtracting. G. F. Daly. 1,989,848; Feb. 5.
- Tachometer, Chrometric. G. P. Luckey. 1,996,339; Apr. 2.
- Tachometer, Electric. A. Urfer. 1,999,347; Apr. 30.
- Tack button. L. Reiter. 2,014,814; Sept. 17.
- Tack button. F. R. White. 2,018,104-5; Oct. 22.
- Tack remover. H. S. Holland. 2,021,007; Nov. 12.
- Tack supplying device. W. T. Roberts. 2,003,391; June 4.
- Tacker. E. H. Crofoot and C. E. Hallen. 1,990,725; Feb. 12.
- Tacky material, Treating. W. C. MacFarlane. 2,021,961; Nov. 26.
- Tag. T. Sauer. 2,023,102; Dec. 3.
- Tag. F. A. Stevens. 2,016,059; Oct. 1.
- Tag. S. J. Thackeray and G. W. Henry, Jr. 1,988,366; Jan. 15.
- Tag, Checking. C. Bender and T. Hanon. 2,022,269; Nov. 26.
- Tag fastener. S. Weiss. 1,992,337; Feb. 26.
- Tag-fastener and guide therefor. S. Weiss. 2,005,119; June 18.
- Tag-feeding and forming machine. C. G. Mortimer. 1,987,966; Jan. 15.
- Tag for fire extinguishers, Inspection. F. E. Haughey. 2,001,679; May 14.
- Tag holder. W. E. Waechter. 1,997,025; Apr. 9.
- Tag, Identification. H. Mendelsohn. 1,988,802; Jan. 22.
- Tag, Identification. C. G. Mortimer. 1,987,967; Jan. 15.
- Tag, Identification. C. E. Timson. 1,986,902; Jan. 8.
- Tag, License. I. B. Leslie. 2,013,059; Sept. 3.
- Tag, License. H. J. McKeon. 2,013,282; Sept. 3.
- Tag marking machine. F. W. Laencher. 1,986,678; Jan. 1.
- Tag marking machine. J. Weimont. 1,986,655; Jan. 1.
- Tag molding, Price. H. E. Marsh. 2,018,528; Oct. 22.
- Tag, Price. G. A. Wallin. 2,020,268; Nov. 5.
- Tag printing and stapling machine. A. F. Horton. 2,004,202; June 11.
- Tag, Sealable. C. Bender and T. Hanon. 2,022,270; Nov. 26.
- Tag, Vehicle identification. E. H. Simpson. 1,999,344; Apr. 30.
- Tags, Apparatus for affixing identification. G. E. Gaus. 1,996,328; Apr. 2.
- Tag gate release. H. B. Fleming. 2,016,267; Oct. 1.
- Tail wheel. C. E. Hathorn. 2,021,306; Nov. 19.
- Tail wheel fairing. R. D. Carleton. 2,010,945; Aug. 13.
- Take-out for glassware making machines. E. Miller. 2,022,939; Dec. 3.
- Take up device. E. K. Cole. 2,022,106; Nov. 26.
- Talc, soapstone or the like, to insulated wire or rubber tubing, Apparatus for applying. V. Royle. 1,995,720; Mar. 26.
- Talking machine. H. A. Thompsett. 1,993,867; Mar. 12.
- Talking machine, Automatic. H. A. Thompsett. 2,012,326; Aug. 27.
- Talking picture screen. H. Hertzberg. 2,000,174; May 7.
- Tally, Automatic bucket. B. Borson and J. Van Hee. 2,012,217; Aug. 20.
- Tally roll mechanism. R. L. Muller. 2,001,367; May 14.
- Tamper and like impact tool. C. Jackson. 2,004,988; June 18.
- Tamping machine. C. Jackson. 2,015,899; Oct. 1.
- Tamping machine or rammer, Portable internal-combustion actuated. J. N. Johnson. 2,009,929; July 30.
- Tandem control for pressing machines. G. W. Johnson. 2,018,172; Oct. 22.
- Tandem power press. J. P. Singiser. 2,005,171; June 18.
- Tandem seat. R. R. Harr. 2,008,448; July 16.
- Tangent. J. C. Diehl. 2,005,025; June 18.
- Tank; See—
- Deck tank.
- Electrolytically formed tank.
- Flush tank.
- Flushing tank.
- Fuel storage tank.
- Gas tank.
- Glass melting tank.
- Glass tank.
- Grinding tool.
- Liquefied gas tank.
- Liquefier tank.
- Liquid tank.
- Refrigerated tank.
- Separable compartment tank.
- Settling tank.
- Sludge digesting tank.
- Stirring tank.
- Storage tank.
- Submarine signaling tank.
- Swimming tank.
- Thread cutting tool.
- Tank. H. L. Babcock. 2,024,327; Dec. 17.
- Tank. G. T. Horton. 2,004,113; June 11.
- Tank. G. T. Horton. 2,012,964; Sept. 3.
- Tank and sealing same, Liquefier. J. Clausen. 2,016,226; Oct. 1.
- Tank cap, Automobile. J. G. Webb. 1,989,300; Jan. 29.
- Tank car, Multiunit. V. Willoughby. 2,024,411; Dec. 17.
- Tank cleaning device. J. A. Cronin. 2,005,180; June 18.
- Tank closure latch. J. E. O'Hea. 1,991,571; Feb. 19.
- Tank closure means. O. C. Ritz-Woller. 2,006,748; July 2.
- Tank closure means, Gasoline. O. C. Ritz-Woller. 2,006,747; July 2.
- Tank closures. J. Nelson and V. C. Norquist. 2,005,469; June 18.
- Tank construction. B. F. Diffenderfer. 2,009,606; July 30.
- Tank construction. J. Clausen. 2,016,228; Oct. 1.
- Tank construction. J. A. Jensen. 2,026,501; Dec. 31.
- Tank construction for water closets, Depressed. J. M. Bonner, Jr. 2,013,231; Sept. 3.
- Tank construction, Furnace. J. E. McBurney. 2,016,382; Oct. 8.
- Tank construction, Truck. G. H. Clay. 2,006,669; July 2.
- Tank control, Reserve. G. A. Johnson. 1,990,604-5; Feb. 12.
- Tank filling device. T. S. Miller. 2,025,067; Dec. 24.
- Tank float gauge. O. B. Arntzen. 2,006,531; July 2.
- Tank for air conditioners, Holdover. F. M. Young. 2,019,033; Oct. 29.
- Tank for an automatic bee-comb filler, Sirup. D. E. Lhommedieu. 1,996,427; Apr. 2.
- Tank for Diesel engines, Oil feeding and control. C. A. Struve. 2,024,548; Dec. 17.
- Tank for drinking water, Refrigerator cooling. R. H. Reid. 2,020,963; Nov. 12.
- Tank for electrical apparatus, Expansion. A. O. Austin. 1,988,824; Jan. 22.
- Tank for steam boilers, Blow-off. P. M. Greenlaw. 2,001,249; May 14.
- Tank gauging device. J. A. Stough. 1,990,716; Feb. 12.
- Tank gauging device, Oil. E. L. Meley. 2,009,117; July 23.
- Tank heater. F. S. Bradley. 1,992,468; Feb. 26.
- Tank heater. W. R. Hartung. 1,995,508; Mar. 26.
- Tank inlet device. C. R. Sparks. 2,010,445; Aug. 6.
- Tank locking mechanism, Gas. T. F. Cullinan. 1,997,107; Apr. 9.
- Tank theft prevention device. C. M. Jones. 2,002,818; May 28.
- Tank unloader for harvesters. A. B. Welty. 2,022,166; Nov. 26.
- Tank valve. H. V. Snodgrass. 2,021,969; Nov. 26.
- Tank vehicle for transporting fluids. C. Schock. 2,022,324; Nov. 26.
- Tanks, Antitheft device for gasoline. F. E. McGillicuddy and M. P. Mockler. 1,999,836; Apr. 30.
- Tanks, Apparatus for cleaning. A. B. Butterworth. 2,018,757; Oct. 29.
- Tanks, Apparatus for examining the contents of. M. A. Meyer. 2,006,301; June 25.
- Tanks, Attachment for gas. R. J. Anschicks. 2,017,837; Oct. 22.
- Tanks, Automatically flushing fluid. W. W. Williams. 1,998,478; Apr. 23.
- Tanks, Forming high pressure. B. Bart. 2,001,998; May 21.
- Tanks, Making expansion domes for. A. A. Kramer. 2,021,960; Nov. 26.
- Tanks, Mechanism for automatically flushing water. W. W. Williams and G. F. Zellhoefer. 2,018,169; Oct. 22.
- Tanks, Method and apparatus for heating galvanizing. R. A. Beverley. 2,017,229; Oct. 15.
- Tanning. H. A. Herzog. 2,019,568; Nov. 5.
- Tanning hides and skins. M. Bergmann. 1,999,316; Apr. 30.
- Tanning material, Synthetic. W. F. Hester, H. R. Raterink and I. C. Somerville. 1,989,802; Feb. 5.
- Tanning material, Synthetic. A. O. Jaeger. 2,017,863; Oct. 22.
- Tanning skin substances. A. Schubert. 1,997,658; Apr. 16.
- Tanning substances, Manufacture of. J. Schäfer. 1,988,985; Jan. 22.
- Tans, Synthetic. F. Hassler. 2,012,928; Aug. 27.
- Tantalum and hardening. Hard. M. M. Austin. 2,015,509; Sept. 24.
- Tap. E. R. Koonz. 2,024,169; Dec. 17.
- Tap. O. J. Leins. 1,995,479; Mar. 26.
- Tap, Fused current. L. G. Becker. 2,013,596; Sept. 3.
- Tap, Beer. E. G. Steffen. 2,017,187; Oct. 15.
- Tap clamp for feed lines. Angular. R. A. Becker, Sr., and S. P. Becker. 2,021,399; Nov. 19.
- Tap moving mechanism. G. Rollnick and L. Friend. 2,006,410; July 2.
- Tapper tap. O. E. Koehler. 2,010,432; Aug. 6.
- Tapping apparatus. F. M. Roesch. 2,024,390; Dec. 17.
- Tapping attachment. G. W. Emrick. 2,012,340; Aug. 27.

- Tapping bush for beer barrels. J. F. McKeage. 2,011,937; Aug. 20.
- Tapping device, Multiple. G. W. Emrick. 1,998,275; Apr. 16.
- Tapping furnace. W. C. Hogg. 2,005,143; June 18.
- Tapping machine. T. H. Doan. 1,996,752; Apr. 9.
- Tapping or drilling machine, Automatic. W. Kappel. 1,990,188; Feb. 5.
- Tape and projecting images therefrom. Method and apparatus for feeding. J. Ward. 1,999,552; Apr. 30.
- Tape cleaner. W. D. McMahan. 1,987,264; Jan. 8.
- Tape coil clip. W. H. Pagenkopf. 2,021,374; Nov. 19.
- Tape, Collable metal measuring. H. F. Ritter. 2,011,081; Aug. 13.
- Tape coiling. C. E. Hayward. 1,992,947; Mar. 5.
- Tape control mechanism. R. F. Dirkes and E. R. Wheeler. 1,994,017; Mar. 12.
- Tape driving of spindles in ring spinning and doubling frames. A. Neilson. 2,021,517; Nov. 19.
- Tape feeding machine. C. G. Mortimer. 1,989,817; Feb. 5.
- Tape for curtains and the like, Heading. G. F. French. 2,017,618; Oct. 15.
- Tape guide. F. Kunc. 2,006,714; July 2.
- Tape guide means for planetary taping machines. E. J. Lunghaus. 1,997,689; Apr. 16.
- Tape handling apparatus. J. Ettli. 1,994,638; Mar. 19.
- Tape, Lingerie. H. W. Sidebotham. 1,995,868; Mar. 26.
- Tape measure. E. J. Witchger. 1,987,652; Jan. 15.
- Tape moistener, Automobile. F. H. Poeppelmeier. 2,000,536; May 7.
- Tape, Package carrying. J. Janowitz. 2,021,788; Nov. 19.
- Tape perforating machine. W. Ackerman. 2,002,516; May 28.
- Tape perforator. E. S. Larson. 2,005,748; June 25.
- Tape puller control. R. F. Dirkes and G. I. Roberts. 2,025,679; Dec. 24.
- Tape puller for projectors. E. W. Hewitt and G. I. Roberts. 2,019,855; Nov. 5.
- Tape, Reinforced gummed. F. W. Humphner. 2,024,224; Dec. 17.
- Tape, Ruler. F. O. Carlson. 1,988,428; Jan. 15.
- Tape, Ruler. F. O. Carlson. 2,014,375; Sept. 17.
- Tape, Securing end readily detachable of coiled gummed. A. S. Hammond. 2,015,268; Sept. 24.
- Tape serving machine. T. H. Krueger. 2,021,314; Nov. 19.
- Tape serving machine, Gummed. M. J. West. 2,021,038; Nov. 12.
- Tape winding reel. R. Hoover. 2,019,857; Nov. 5.
- Tapes and similar products, Making sealing and reinforcing. W. W. McLaurin. 1,989,875; Feb. 5.
- Tapes, Attachment for measuring. E. J. Witchger. 2,005,850; June 25.
- Taper roller lapping device and method. W. E. Hoke. 2,002,317; May 21.
- Tapered material, Attachment for sawing. A. Gressner. 2,001,306; May 14.
- Tapered roller bearing. D. A. Walters. 1,992,682; Feb. 26.
- Tapering mechanism. G. M. Pelton. 2,005,387; June 18.
- Taping machine. C. A. Olsen. 2,017,727; Oct. 15.
- Tapping. S. Jencick. 2,003,509; June 4.
- Tappet. G. Slayter. 1,990,312; Feb. 5.
- Tappet, Hydraulic. C. E. Johnson. 2,006,641; July 2.
- Tar acids, etc., Recovery of. S. P. Miller. 2,002,704; May 28.
- Tar composition. W. H. Kershaw. 1,992,752; Feb. 26.
- Tar, Distillation of. J. V. Meigs. 2,007,656; July 9.
- Tar, Distillation of. S. P. Miller. 2,005,102; June 18.
- Tar, Method and apparatus for dehydrating and distilling. S. P. Miller. 2,018,377; Oct. 22.
- Target. J. P. Bull. 2,002,600; May 28.
- Target. F. Lockhead. 2,014,110; Sept. 10.
- Target. L. Pignatelli d'Arason. 2,016,989; Oct. 8.
- Target. W. F. Winning and C. Keyser. 2,000,368; May 7.
- Target, Aerial. W. G. Warren. 2,004,543; June 11.
- Target apparatus. P. F. Gaus. 1,991,610; Feb. 19.
- Target for billiards and the like. C. Wannemacher. 2,010,282; Aug. 6.
- Target pasting device. W. E. Hummel. 2,016,090; Oct. 1.
- Target, Surveyor's. B. I. Sheridan. 2,010,737; Aug. 6.
- Target trap. A. E. Roth. 2,025,903; Dec. 31.
- Target trap. L. A. Sherman. 2,011,830; Aug. 20.
- Target trap pulling device. H. B. Joy. 1,989,452; Jan. 29.
- Target traps, Operating. A. S. Brown. 1,998,268; Apr. 16.
- Tarnishing of silverware, Method and material for preventing the. K. H. Barnard and H. F. Kane. 2,003,333; June 4.
- Taximeter control, Automatic. P. Sarison. 2,016,457; Oct. 8.
- Taximeters, Registering means for. A. Weiss. 2,001,373; May 14.
- Tea-bag package and carton. S. Cooper. 2,004,486; June 11.
- Tea ball holder. K. E. Ericsson. 1,987,896; Jan. 15.
- Tea free from theine, Producing. T. Grethe. 2,010,919; Aug. 13.
- Tea, Producing theine-free. T. Grethe. 1,996,199; Apr. 2.
- Tearing strip container. B. F. Saubestre. 1,991,420; Feb. 19.
- Teat cup, Milking machine. C. H. Hapgood. 2,007,162; July 9.
- Teat tube. R. S. Benson. 1,995,051; Mar. 19.
- Teeth, Artificial. G. P. Phillips. 2,006,717; July 2.
- Teeth cleansing appliance. H. Andvig. 2,006,289; June 25.
- Telautograph. A. B. Du Mont. 2,000,014; May 7.
- Telegraph automatic exchange system, Printing. E. M. S. McWhirter, J. G. Flint, and S. Chapman. 1,987,408; Jan. 8.
- Telegraph exchange system. F. S. Kinkead. 1,998,086; Apr. 16.
- Telegraph exchange system, Automatic printing. G. A. Locke. 2,002,985; May 28.
- Telegraph interference, Measurement of. G. L. Erickson and J. H. Hackenburg. 1,996,042; Mar. 26.
- Telegraph printer. L. Cammen. 2,023,949; Dec. 10.
- Telegraph printer, Multichannel. R. F. Dirkes and R. Wentworth. 1,986,768; Jan. 1.
- Telegraph printer system. W. G. H. Finch. 2,008,389; July 16.
- Telegraph private branch exchange system, Printing. F. S. Kinkead. 1,996,516; Apr. 2.
- Telegraph receiver, Secret. F. L. Currie. 2,011,145; Aug. 13.
- Telegraph receiving system, Interpolating. G. A. Locke. 2,022,051; Nov. 26.
- Telegraph repeater. L. A. Mortimer. 1,990,561; Feb. 12.
- Telegraph repeater, Regenerative. O. H. Davidsmeyer and A. H. Stoltzenberg. 1,993,318; Mar. 5.
- Telegraph repeater, Regenerative. T. A. McCann. 1,993,333; Mar. 5.
- Telegraph system. J. L. Callahan and R. E. Mathes. 2,006,582; July 2.
- Telegraph system. R. G. Griffith. 1,991,978; Feb. 19.
- Telegraph system. E. H. Jolley and J. A. S. Martin. 1,989,200; Jan. 29.
- Telegraph system. W. T. Rea. 2,015,155; Sept. 24.
- Telegraph system. E. F. Watson. 2,003,325; June 4.
- Telegraph system. R. J. Wise and J. Schmid. 2,016,261; Oct. 1.
- Telegraph system, Carrier current. J. R. Hyneman. 1,987,938; Jan. 15.
- Telegraph system, Start-stop. R. F. Dirkes and E. R. Wheeler. 2,019,847; Nov. 5.
- Telegraph toll system. F. S. Kinkead and G. A. Locke. 2,024,581; Dec. 17.
- Telegraph transmitter, High frequency. E. Kramar and E. Lüttcher. 2,005,790; June 25.
- Telegraph transmitting apparatus. E. H. Huebner and S. M. Barr. 1,994,949; Mar. 19.
- Telegraph typewriter system and apparatus. W. C. Roe and F. J. Heavens. 2,025,778; Dec. 31.
- Telegraph, Ultra rapid printing. H. Chireix and H. Goudet. 2,008,273; July 16.
- Telegraphic printing control method and apparatus. J. J. Ackell and H. L. Paulding. 2,017,087; Oct. 15.
- Telegraphic signals, Selective reception of. H. J. J. M. de Regnaud de Bellescize. 1,987,732; Jan. 15.
- Telegraphophone system, Magnetic. C. N. Hickman and E. C. Wente. 2,003,968; June 4.
- Telegrapher system, Synchronous. C. F. Watts. 2,022,330; Nov. 26.
- Telemeter or like instrument. V. DiCarlo and V. Aquilecchia. 2,023,313; Dec. 3.
- Telemetering system. A. Ohlhans. 1,997,388; Apr. 9.
- Telemetric measuring system. F. Wunsch. 1,995,594; Mar. 26.
- Telephone alarm system. J. I. Swadener. 1,992,255; Feb. 26.
- Telephone and call system. G. B. Bellinger. 1,987,320; Jan. 8.
- Telephone and like electrical system, Two-way. F. M. G. Murphy. 1,992,833; Feb. 26.
- Telephone and like transmission systems. A. D. Blumlein. 2,001,900; May 21.
- Telephone and signaling system, Intercommunicating. C. E. Lomax. 2,013,354; Sept. 3.
- Telephone and telegraph system, Combined. H. M. Pruden. 2,022,053; Nov. 26.
- Telephone answering and amusement device. M. J. Lewis. 1,991,163; Feb. 12.
- Telephone apparatus. C. L. Goodrum. 2,014,525; Sept. 17.
- Telephone attachment. C. A. Stephenson. 1,999,948; Apr. 30.
- Telephone booth. P. H. Sherron. 2,013,718; Sept. 10.
- Telephone cable. A. G. Smith. 2,014,214; Sept. 10.
- Telephone cable with star quads. J. Delon. 1,995,201; Mar. 19.
- Telephone calls, Apparatus for listening in on. H. W. Hellmann. 2,005,973; June 25.
- Telephone communicating system. A. J. Sorensen and L. D. Whitelock. 2,022,788; Dec. 3.
- Telephone cord take-up. J. T. Hellmann. 2,014,329; Sept. 10.
- Telephone detector, Party line. C. D. Fator. 1,991,383; Feb. 19.
- Telephone dial illuminator. W. S. Baum. 2,016,310; Oct. 8.
- Telephone directory unit and secretary. J. G. Hunter. 1,996,767; Apr. 9.
- Telephone distinguishing means. M. M. Altoonian. 1,998,181; Apr. 16.

- Telephone enclosure and support. R. L. Hartson. 2,007,858; July 9.
- Telephone equipment. M. J. Arndt. 2,016,475; Oct. 8.
- Telephone exchange system. W. W. Carpenter. 2,006,438; July 2.
- Telephone exchange system. H. D. MacPherson. 1,997,195; Apr. 9.
- Telephone exchange system. G. N. Saul. 2,006,483; July 2.
- Telephone handset switch. G. A. Graham and G. O. Tapper. 2,002,504; May 28.
- Telephone holder. B. M. Morris. 1,988,697; Jan. 22.
- Telephone installation. F. Märk. 1,999,104; Apr. 23.
- Telephone message receiver and recorder, Automatic. M. Keiser. 2,005,788; June 25.
- Telephone message recording system. C. N. Hickman. 2,006,455; July 2.
- Telephone mouthpiece. H. H. Stanley. 1,991,002; Feb. 12.
- Telephone pay station equipment. F. A. Hoyt. 2,025,390; Dec. 24.
- Telephone plug cleaning machine. O. N. Giertsen and L. N. Hampton. 2,008,276; July 16.
- Telephone pole and preparing same. J. R. Coolidge. 1,992,057; Feb. 19.
- Telephone register and method, Automatic. C. I. Lattig. 2,010,868; Aug. 13.
- Telephone repeater. L. G. Abraham and D. Mitchell. 1,997,245; Apr. 9.
- Telephone repeater. F. A. Hubbard. 1,997,218; Apr. 9.
- Telephone repeater. B. F. Lewis and J. L. Merrill, Jr. 1,997,222; Apr. 9.
- Telephone repeater. W. H. Martin. 1,997,223; Apr. 9.
- Telephone repeating apparatus. P. C. Ricchiardi. 1,993,486; Mar. 5.
- Telephone selector, Automatic. B. J. Brander. 2,024,089; Dec. 10.
- Telephone set. L. C. Pocock and H. J. Turton. 2,025,398; Dec. 24.
- Telephone set. P. Swaine. 2,020,527; Nov. 12.
- Telephone signaling system. E. M. Staples. 2,001,039; May 14.
- Telephone sound reproducer. H. D. Knapp. 2,000,523; May 7.
- Telephone station, Automatic pay. R. D. Collins, W. M. Reid and S. E. Bourne. 1,998,832; Apr. 23.
- Telephone substation apparatus. W. A. Evans. 2,019,601; Nov. 5.
- Telephone substation apparatus. D. H. King. 2,008,283; July 16.
- Telephone substation apparatus. G. R. Lum. 2,008,287; July 16.
- Telephone substation equipment. J. W. Gooderham, H. T. Budenbom, and K. S. Johnson. 1,993,780; Mar. 12.
- Telephone switchboard. M. J. Arndt. 1,999,497; Apr. 30.
- Telephone system. J. Baumfalk. 2,014,221; Sept. 10.
- Telephone system. P. A. Bolander. 2,017,888; Oct. 22.
- Telephone system. L. J. Bowne. 1,987,430; Jan. 8.
- Telephone system. J. Boysen. 1,989,184; Jan. 29.
- Telephone system. E. D. Butz. 2,021,286; Nov. 19.
- Telephone system. E. D. Butz and C. D. Koehling. 2,021,287; Nov. 19.
- Telephone system. W. W. Carpenter. 2,004,599; June 11.
- Telephone system. W. W. Carpenter and E. H. Clark. 1,991,193; Feb. 12.
- Telephone system. E. H. Clark and F. J. Scudder. 2,021,291; Nov. 19.
- Telephone system. D. C. Crowe. 2,025,444; Dec. 24.
- Telephone system. J. F. Dahl. 2,020,458; Nov. 12.
- Telephone system. W. E. Darrow and G. H. Peterson. 2,019,561; Nov. 5.
- Telephone system. T. L. Dimond. 2,002,219; May 21.
- Telephone system. B. G. Dunham. 2,023,011; Dec. 3.
- Telephone system. E. Feist. 1,996,992; Apr. 9.
- Telephone system. R. H. Flowers. 1,993,833; Mar. 12.
- Telephone system. H. M. Friendly. 1,990,644; Feb. 12.
- Telephone system. H. M. Friendly. 2,007,712; July 9.
- Telephone system. W. Hatton, L. B. Haigh, and J. R. A. F. Escande. 2,020,466; Nov. 12.
- Telephone system. R. Hoefert and E. Wochinger. 2,010,365; Aug. 6.
- Telephone system. H. Hovland. 2,006,354; July 2.
- Telephone system. H. Hovland. 2,008,281; July 16.
- Telephone system. H. Hovland. 2,014,232; Sept. 10.
- Telephone system. H. Hovland. 2,025,389; Dec. 24.
- Telephone system. G. V. King. 2,018,457; Oct. 22.
- Telephone system. R. C. Mathes. 2,006,470; July 2.
- Telephone system. J. W. McClew. 2,030,953; Nov. 12.
- Telephone system. M. B. McDavitt. 2,025,880; Dec. 31.
- Telephone system. J. B. McKim. 2,024,592; Dec. 17.
- Telephone system. J. Meszar. 2,005,590; June 18.
- Telephone system. D. L. Moody and N. D. Newby. 1,990,437-8; Feb. 5.
- Telephone system. F. Newforth, Jr. 2,005,844; June 25.
- Telephone system. J. B. Newsom. 1,991,170; Feb. 12.
- Telephone system. E. S. Peterson. 2,010,372; Aug. 6.
- Telephone system. E. S. Peterson. 2,023,240; Dec. 3.
- Telephone system. G. H. Peterson. 1,993,853; Mar. 12.
- Telephone system. F. A. Roome and H. W. Hafiter. 2,005,357; June 18.
- Telephone system. W. B. Strickler. 2,006,489; July 2.
- Telephone system. R. Taylor, F. T. Belas, and J. W. McClew. 1,990,677; Feb. 12.
- Telephone system. J. F. Toomey and W. E. Hogan. 2,002,212; May 21.
- Telephone system. H. W. Ulrich. 2,006,424; July 2.
- Telephone system. H. W. Ulrich. 2,009,076; July 23.
- Telephone system. J. G. Walsh. 2,020,488; Nov. 12.
- Telephone system. P. Winsor, Jr. 2,025,925; Dec. 31.
- Telephone system. E. P. G. Wright, G. C. Hartley, and W. J. Reynolds. 2,025,408; Dec. 24.
- Telephone system, Automatic. H. G. Evers. 2,008,903; July 23.
- Telephone system, Automatic. H. G. Evers. 2,022,503; Nov. 26.
- Telephone system, Automatic. J. E. Ostline. 2,023,239; Dec. 3.
- Telephone system, Automatic. N. H. Saunders. 1,999,788; Apr. 30.
- Telephone system, Automatic. N. H. Saunders. 2,023,702; Dec. 10.
- Telephone system, Automatic. J. H. Voss and H. N. Newstedt. 2,020,816; Nov. 12.
- Telephone system, Automatic. L. Wilson. 2,007,736; July 9.
- Telephone system, Automatic intercommunicating. O. M. Leich. 2,009,405; July 30.
- Telephone system, Fraud-preventing. R. H. Lesoine. 1,989,621; Jan. 29.
- Telephone system, Measured service. E. S. Peterson. 2,013,171; Sept. 3.
- Telephone system, Selective talking and ringing. C. Auth. 2,009,470; July 30.
- Telephone system, Signal. W. H. Waite. 2,007,990; July 16.
- Telephone system, Two-party line. G. Deakin. 2,001,095; May 14.
- Telephone system, Two-way. E. R. Taylor and D. Mitchell. 1,999,346; Apr. 30.
- Telephone time-announcing system. T. W. Varley. 2,005,357; June 18.
- Telephone toll apparatus. G. A. and W. W. Long. 2,003,946; June 4.
- Telephone toll collecting apparatus. G. A. Long. 1,998,410; Apr. 16.
- Telephone transmission system. O. B. Jacobs. 2,003,969; June 4.
- Telephone voice silencer. L. S. Scher. 2,020,970; Nov. 12.
- Telephones, Accessory attachment for. M. J. Brusseau. 2,020,016; Nov. 5.
- Telephonic apparatus. R. T. Kingsford. 1,991,221; Feb. 12.
- Telephonic transmitter. I. Pungs. 1,999,143; Apr. 23.
- Telephony. M. W. Gieskieng. 2,002,942; May 28.
- Telescope. E. P. Burrell. 2,003,171; May 28.
- Telescopie instrument. F. C. Wappler. 2,002,595; May 28.
- Telescopie sight for guns. J. C. Karnes. 2,017,066; Oct. 15.
- Telescoping container. C. H. Rasmussen. 2,018,742; Oct. 29.
- Telcticket system. E. Hopkins. 2,004,112; June 11.
- Television. C. O. Browne. 2,007,594; July 9.
- Television. H. J. McCreary. 2,013,162; Sept. 3.
- Television apparatus. C. L. Adams. 2,024,790; Dec. 17.
- Television apparatus. J. L. Baird. 2,006,124; June 25.
- Television apparatus. J. L. Cawley. 1,999,867; Apr. 30.
- Television apparatus. F. Conrad. 1,991,682; Feb. 12.
- Television apparatus. H. M. Dowsett, L. E. Q. Walker, and N. Levin. 1,986,187; Jan. 1.
- Television apparatus. A. Korr. 2,009,498; July 30.
- Television apparatus. H. G. and R. Möller. 1,993,564; Mar. 5.
- Television apparatus. F. Schröter. 1,996,492; Apr. 2.
- Television apparatus. D. von Mihalý. 1,998,347; Apr. 16.
- Television apparatus and method. L. E. J. Leishman. 2,005,344; June 18.
- Television apparatus and system. J. Gettinger. 1,998,231; Apr. 16.
- Television apparatus, Colored. E. F. W. Alexanderson. 1,988,931; Jan. 22.
- Television apparatus, Scanning system for. J. A. Briggs. 2,008,272; July 16.
- Television device. G. Ramsey. 2,018,873; Oct. 29.
- Television equipment. B. F. Lofgren. 2,022,248; Nov. 26.
- Television images, Process and apparatus for the production of. H. Cunningham. 2,012,270; Aug. 27.
- Television method and apparatus. H. P. Donle. 1,988,303; Jan. 15.
- Television method and apparatus. H. P. Donle. 2,002,992; May 28.
- Television motor structure. G. V. V. Dillenback, Jr. 2,006,796; July 2.
- Television receiver. C. D. Fahrney. 2,021,889; Nov. 26.
- Television receiving and projecting means and method. L. de Forest. 2,003,680; June 4.
- Television scanning apparatus. F. A. Benford. 2,023,217; Dec. 3.
- Television scanning system. J. V. L. Hogan. 1,994,708; Mar. 19.
- Television synchronization. J. V. L. Hogan. 1,998,812; Apr. 23.
- Television system. R. L. Campbell. 1,995,376; Mar. 26.
- Television system. R. Giffard. 2,011,271; Aug. 13.
- Television system. H. M. Dowsett. 2,002,937; May 28.
- Television system. E. H. Felix. 2,000,694; May 7.
- Television system. J. W. Horton. 2,003,294; June 4.
- Television system. W. R. Koch. 2,014,532; Sept. 17.
- Television system. T. H. Nakken. 1,991,409; Feb. 19.

- Television system. A. M. Nicolson. 2,010,240; Aug. 6.
Television system. A. M. Nicolson. 2,011,947; Aug. 20.
Television system. M. A. Trainer. 2,017,136; Oct. 15.
Television system. V. K. Zworykin. 2,017,883; Oct. 22.
Television system. V. K. Zworykin. 2,022,450; Nov. 26.
Television system for reception by. V. K. Zworykin. 2,025,143; Dec. 24.
Television system and apparatus. H. P. Donle. 2,025,027; Dec. 24.
Television systems. W. A. Tolson. 1,999,378; Apr. 30.
Television transmission system. W. A. Tolson. 1,998,644; Apr. 23.
Telltale system for projection apparatus. W. G. Wolfe. 2,021,533; Nov. 19.
Temperature alarm device. C. R. Wood. 2,015,984; Oct. 1.
Temperature and pressure relief valve, Combination. J. H. Meagher. 2,020,075; Nov. 5.
Temperature, Apparatus for measuring. A. H. Davis, Jr. 2,011,710; Aug. 20.
Temperature changes in piezo-electric crystal devices, Compensating for. T. J. Scofield. 2,001,217; May 14.
Temperature changing system employing a circulating fluid medium. F. S. Denison. 1,993,262; Mar. 5.
Temperature compensation device. H. T. Faus. 2,016,894; Oct. 8.
Temperature compensator. D. W. Randolph and R. H. Mitchell. 1,988,568; Jan. 22.
Temperature control. W. F. Burke. 2,007,596; July 9.
Temperature control. G. E. Hulse and J. D. Strobell. 1,988,495; Jan. 22.
Temperature control. G. E. Hulse and J. D. Strobell. 1,988,496; Jan. 22.
Temperature control. W. E. Kühle and D. Prinz. 1,994,076; Mar. 12.
Temperature control and regulating device and method. W. L. McNamara. 1,989,488; Jan. 29.
Temperature control apparatus. W. J. Dougherty. 2,024,876; Dec. 17.
Temperature control attachment. L. R. Calvert. 2,006,567; July 2.
Temperature control device. S. Eskin. 2,024,153; Dec. 17.
Temperature control device. C. I. Hall. 2,019,303; Oct. 29.
Temperature control device. C. P. Randolph and S. Eskin. 2,025,097; Dec. 24.
Temperature control device. H. W. Royce. 2,015,289; Sept. 24.
Temperature control device. H. Singer. 2,025,553; Dec. 24.
Temperature control for fluid mixtures, Automatic. P. Kollman. 1,990,653; Feb. 12.
Temperature control for cookers. W. E. Bunton. 2,010,580; Aug. 6.
Temperature control means for liquid heaters. H. S. Fielder. 2,001,344; May 14.
Temperature control of catalytic reactions. R. C. Lassiat. 1,989,935; Feb. 5.
Temperature control of contact masses. E. J. Houdry. 1,987,904; Jan. 15.
Temperature control of piezo-electrical crystal apparatus. M. Osnos. 1,994,228; Mar. 12.
Temperature control system. L. A. Gebhard and L. A. Van Loock. 2,006,351; July 2.
Temperature control system. J. E. Robb. 1,988,809; Jan. 22.
Temperature control system. E. F. Smith. 2,006,282; June 25.
Temperature control, System for. H. H. Buckman. 2,001,484; May 14.
Temperature controlled valve. V. A. Berghoefer. 1,988,776; Jan. 22.
Temperature controlled valve. J. Pymm. 2,004,636; June 11.
Temperature controller, Effective. P. F. Shivers. 1,988,877; Jan. 22.
Temperature controlling apparatus for internal combustion engines. L. G. Hartdorn. 2,017,967; Oct. 22.
Temperature controlling device. A. H. Heyroth. 2,005,584; June 18.
Temperature controlling device. V. L. Ronci. 2,003,956; June 4.
Temperature controlling means for internal combustion engines. D. T. Brownlee. 2,019,476; Nov. 5.
Temperature device, Constant. M. E. Fiene. 2,026,423; Dec. 31.
Temperature device, Thermostatically and suction controlled mixture. E. E. Dean and O. C. Berry. 2,004,093; June 11.
Temperature differential control system, Automatic. L. B. Rhodes. 2,026,063; Dec. 31.
Temperature exchange between a catalytic mass in the course of regeneration and a cooling liquid. E. Houdry. 1,992,307; Feb. 26.
Temperature in explosion motors, Regulating the. G. G. Royer. 1,996,881; Apr. 9.
Temperature indicating and control mechanism. F. A. Hutchinson. 2,006,767; July 2.
Temperature indicating device. G. P. Bosomworth. 2,007,118; July 2.
Temperature indicating device for internal combustion and explosion engines. M. A. Renard. 1,993,897; Mar. 12.
Temperature indicator. G. Camilli. 2,026,375; Dec. 31.
Temperature indicator. G. H. Ellis and A. J. Wesson. 2,020,676; Nov. 12.
Temperature indicator. F. M. Slough. 2,022,440; Nov. 26.
Temperature indicator, Direct reading comfortable. W. Shurtleff. 2,010,040; Aug. 6.
Temperature indicator, Transformer. H. O. Stephens. 1,986,610; Jan. 1.
Temperature measuring. J. T. Nichols. 2,008,793; July 23.
Temperature measuring and/or control apparatus. P. A. Borden and H. W. Moss. 2,015,838; Oct. 1.
Temperature measuring appliance for hot fluid masses. O. Schramm. 2,025,617; Dec. 24.
Temperature measuring device. J. L. Orchard. 2,022,515; Nov. 26.
Temperature measuring system. F. Wunsch. 1,985,967; Jan. 1.
Temperature of a fluid, Apparatus for controlling the. C. M. Underwood and E. Pugh. 2,023,627; Dec. 10.
Temperature of electrically conductive bodies, Device for determining the. G. Keinath. 2,020,067; Nov. 5.
Temperature of liquids, Device for indicating the. J. L. Chaney. 2,004,092; June 11.
Temperature registering equipment. W. K. Davidson. 2,008,947; July 23.
Temperature regulating device. A. F. Norton. 2,024,471; Dec. 17.
Temperature regulating system. C. E. Bradburn. 2,014,552; Sept. 17.
Temperature regulating system. M. Osnos. 1,999,473; Apr. 30.
Temperature regulation. A. J. Otto. 2,009,674; July 30.
Temperature regulation, Apparatus and method for. D. D. Wile. 2,006,306; June 25.
Temperature regulation of catalytic converters. R. C. Lassiat. 1,989,934; Feb. 5.
Temperature regulation of contact masses. T. B. Prickett. 1,987,911; Jan. 15.
Temperature regulator. J. V. Giesler and W. B. Mackintosh. 2,019,962; Nov. 5.
Temperature regulator. H. Sandvoss. 2,013,480; Sept. 3.
Temperature relief valve. J. H. Meagher. 2,017,668; Oct. 15.
Temperature responsive apparatus. H. Mueller. 2,006,558; July 2.
Temperature responsive device. E. B. Foote. 1,995,385; Mar. 26.
Temperature responsive system and device. D. D. Lindsey. 1,990,659; Feb. 12.
Temperatures, Apparatus for measuring high. F. L. Collins and C. Oseland. 2,020,019; Nov. 5.
Tempering and heating system. G. D. Zimmerman. 2,017,194; Oct. 15.
Tempering valve. L. W. Hodges. 2,020,644; Nov. 12.
Template. J. L. Anderson. 2,002,073; May 21.
Template. C. B. Schafer. 2,006,383; June 25.
Template-controlled apparatus. J. L. Anderson and C. T. Evans. 2,025,082; Dec. 24.
Template-follower, Magnetic. J. L. Anderson. 2,025,081; Dec. 24.
Template for bent valve stems, Adjustable. L. M. Littlefield. 1,987,017; Jan. 8.
Temple roller. A. Schaffer. 2,008,597; July 16.
Temples, Filling parting means for. C. D. Brown. 1,990,111; Feb. 5.
Templet, Letter outlining. H. De Oslund. 2,005,255; June 18.
Tendon-drawing device. F. F. Scharf. 1,993,627; Mar. 5.
Tennis ball cover. D. W. Ellis. 2,023,672-3; Dec. 10.
Tennis court. E. H. Nichols. 1,999,130; Apr. 23.
Tennis net. L. L. Appleyard. 1,994,092; Mar. 12.
Tennis net. J. R. Scherer. 2,009,329; July 23.
Tennis net and making the same, Reinforced. V. Lichtenstein. 2,004,579; June 11.
Tennis racket clamp. E. H. Watkins. 1,989,577; Jan. 29.
Tennis racket string tightener and gauge. F. A. Clemons. 2,019,394; Oct. 29.
Tennis rackets, Apparatus for stringing. L. C. Doll. 1,989,002; Jan. 22.
Tennis rackets, Apparatus for the stringing of. J. H. Proctor. 1,992,717; Feb. 26.
Tennis set. J. L. Kleinman. 2,023,844; Dec. 10.
Tennis strings, Device for use in making. W. J. Hamburger. 1,993,715; Mar. 5.
Tennis table. E. D. Kaser. 1,995,543; Mar. 26.
Tens-carrying mechanism for calculating machines and the like apparatus. G. H. Hellgren. 2,008,355; July 16.
Tensile properties of viscose rayon, Increasing. J. W. Humphrey and J. W. Pedlow. 2,024,041; Dec. 10.
Tensile properties of viscose rayon, Increasing. J. W. Humphrey. 2,025,868; Dec. 31.
Tensile strength testing. D. C. Scott. 2,018,385; Oct. 22.
Tension control means. A. W. Broms. 2,000,918; May 14.
Tension controlling means. H. A. W. Wood. 2,003,569; June 4.
Tension device. H. Y. Armstrong. 2,023,502; Dec. 10.
Tension device. W. H. Smith. 2,014,397; Sept. 17.
Tension device for hand knitting and crocheting. B. Riely. 2,021,946; Nov. 26.
Tension device for loom shuttles. I. Snow. 2,012,438; Aug. 27.
Tension device for textile machines. St. C. Lake. 2,005,942; June 25.
Tension device for violins and the like, Micrometer string. E. W. Hoyt. 2,007,861; July 9.
Tension equalizing device for spinning machines. H. W. Follmer. 1,995,203; Mar. 19.

- Tension indicator. C. B. Curtiss. 2,024,147; Dec. 17.
- Tension on strips of flexible material drawn from flat coils. Controlling the. F. H. Fry. 2,001,780; May 21.
- Tension regulator, Electron tube type. S. A. Staeger. 2,024,708; Dec. 17.
- Tension release mechanism. E. Tremblay. 1,990,623; Feb. 12.
- Tension testing device. T. S. Miller. 1,987,787; Jan. 15.
- Tension testing device for spring contacts. J. E. Stephenson. 2,003,910; June 4.
- Tension winder, Constant. H. P. Hart. 2,018,852; Oct. 29.
- Tensioning device. W. H. Bauch. 1,986,180; Jan. 1.
- Tensioning device for chains, belts, and the like. A. Renshaw. 3,015,984; Sept. 17.
- Tensioning device for draw-off reels, Automatically variable. M. Richter. 2,004,219; June 11.
- Tensioning device for seat bottoms. H. T. Bertsch. 1,987,921; Jan. 15.
- Tensioning device for shuttles. J. B. Plevyak. 2,002,866; May 28.
- Tensioning means for loom let-off beams. R. M. Taylor. 2,022,577; Nov. 26.
- Tent. S. E. Jost. 2,001,196; May 14.
- Tent. M. J. McAuliffe. 2,004,668; June 11.
- Tent. F. M. Powers. 2,000,644; May 7.
- Tent. O. Valasek. 1,995,489; Mar. 26.
- Tent cabin. T. S. Castner. 2,018,945; Oct. 29.
- Tent construction. C. M. Wickstrum. 2,000,205; May 7.
- Tenter link. F. A. Lane. 2,011,001; Aug. 13.
- Terminal. G. F. Cavanagh and H. W. Schultz. 2,015,590; Sept. 24.
- Terminal. W. W. Eitel and J. McCullough. 2,018,203; Oct. 22.
- Terminal, Adjustable. P. J. Welsh. 2,018,539; Oct. 22.
- Terminal and joint for electric cables. E. Kirch. 1,988,279; Jan. 15.
- Terminal attachment. F. S. Carlile. 1,997,963; Apr. 16.
- Terminal box. D. J. Allen. 2,006,622; July 2.
- Terminal box for electric cables. W. W. Emmons. 2,021,594; Nov. 19.
- Terminal clamp, Battery post. T. H. Smith. 2,020,220; Nov. 5.
- Terminal clamping device. F. S. Green. 2,013,912; Sept. 10.
- Terminal cleaning tool, In and out. I. E. Coffey. 2,003,629; June 4.
- Terminal connector. R. A. Bell. 2,020,819; Nov. 12.
- Terminal connection block, Electrical. H. J. Blakeslee. 2,022,486; Nov. 26.
- Terminal connection for electrical heating elements. J. A. Boyer. 2,003,625; June 4.
- Terminal contact. W. H. Frank and J. A. Messing. 1,988,171; Jan. 15.
- Terminal fixture aperture indicator. E. W. Dieckmann. 2,015,101; Sept. 24.
- Terminal for electric cables. F. W. Engster. 2,000,748; May 7.
- Terminal for electric conductors. E. D. Eby. 2,013,537; Sept. 3.
- Terminal for electrical conductors and the like. C. W. Sward. 2,001,636; May 14.
- Terminal for electrolytic condensers and rectifiers. R. D. Mershon. 2,014,004; Sept. 10.
- Terminal or pothead for electric cables. F. C. Meyer and G. E. Moffitt. 1,986,843; Jan. 8.
- Terminal post. H. Knümann. 2,011,861; Aug. 20.
- Terminal pressure of an electric device, Controlling the. P. R. Dijksterhuis. 2,018,348; Oct. 22.
- Terminal strip device. S. J. Stocketh. 2,022,059; Nov. 26.
- Terminal threads of a stitched book or the like, Mechanism for automatically severing the. O. Müller. 2,021,669; Nov. 19.
- Terminals, Producing. N. W. Cummins. 1,993,295; Mar. 5.
- Terpene and producing same, Sulphonated polymerized. A. L. Rummelsburg and B. H. Little. 1,993,415; Mar. 5.
- Terpene-maleic anhydride reaction product and producing. E. G. Peterson. 1,993,031; Mar. 5.
- Terpene product and producing same, Sulphonated. A. L. Rummelsburg. 2,003,471; June 4.
- Terpenes, Production of. F. Ulfers and R. Erbe. 1,996,558; Apr. 2.
- Terrazzo. W. A. Vogel. 1,998,346; Apr. 16.
- Terrazzo strip. E. S. Cornell, Jr. 2,007,955; July 16.
- Terrazzo strip. H. L. Fink. 1,988,269; Jan. 15.
- Terrestrial excavation. J. S. Miller. 2,019,719; Nov. 5.
- Tertiary butyl acetic acid. F. C. Whitmore, A. H. Homeyer, and W. R. Trent. 2,004,066; June 4.
- Tertiary-butyl-chloride, Manufacture of. W. V. Wirth. 2,013,722; Sept. 10.
- Tertiary-butyl-meta xylene, Preparing. W. V. Wirth. 2,023,566; Dec. 10.
- Test cores, Device for orienting. E. L. De Maris. 2,003,345; June 4.
- Test device. C. C. Farmer. 2,021,769; Nov. 19.
- Test gauge. C. C. Farmer. 2,021,770; Nov. 19.
- Test plug. M. D. Nicholson. 1,993,307; Mar. 5.
- Tester, Audion tube. R. L. Triplett. 2,007,989; July 16.
- Tester for finger nail color. D. Bensel. 1,990,630; Feb. 12.
- Tester for testing radio receiving and transmitting sets, Continuity and capacity. F. E. Wenger. 2,007,992; July 16.
- Tester, Gas engine leakage. J. D. Morgan and P. B. Levitt. 2,003,949; June 4.
- Testing, adjusting, and focusing headlights, Device for. J. Hill. 1,991,928; Feb. 19.
- Testing apparatus. C. A. Anderson. 2,022,022; Nov. 26.
- Testing apparatus. M. Cornell and C. C. Curtis. 2,024,720; Dec. 17.
- Testing apparatus. G. L. Erickson. 1,992,363; Feb. 26.
- Testing apparatus. J. D. Hird. 2,007,087; July 2.
- Testing apparatus. C. H. Hockner. 2,014,379; Sept. 17.
- Testing apparatus. H. C. Weikel, Jr. 2,000,502; May 7.
- Testing apparatus for aeroplanes. R. S. Santford. 1,986,605; Jan. 1.
- Testing apparatus for radio receivers and parts thereof. R. Stair. 1,990,920; Feb. 12.
- Testing apparatus for surface finish. R. E. W. Harrison. 2,020,548; Nov. 12.
- Testing apparatus for tires. A. O. Abbott, Jr., and C. M. Sloman. 2,010,049; Aug. 6.
- Testing device. T. E. Hodgkinson. 2,000,594; May 7.
- Testing device. W. E. Sykes. 1,994,327; Mar. 12.
- Testing device and method for signal light reflectors. K. W. Abendroth. 2,001,660; May 14.
- Testing device for internal combustion engines. J. J. Fernandez. 1,998,405; Apr. 16.
- Testing device for internal combustion engines. A. A. Guziel and A. Korff. 1,993,242; Mar. 5.
- Testing device for magnetizable objects. H. C. Drake. 2,011,441; Aug. 13.
- Testing implement for spark plugs and ignition. H. J. Faltico. 2,001,382; May 14.
- Testing instrument for measuring the mechanical properties of steel and other materials. L. H. Hounsfield. 1,988,009; Jan. 15.
- Testing instrument, Portable. P. T. Sprague. 2,001,588; May 14.
- Testing machine. W. B. Hanford and E. B. Erickson. 1,995,061; Mar. 19.
- Testing machine, Portable. R. W. Dinzl. 2,001,711; May 21.
- Testing system. M. L. Almquist, P. G. Edwards, and C. E. Clutts. 2,021,978; Nov. 26.
- Testing system. R. E. Hersey. 2,004,607; June 11.
- Testing system. O. R. Miller. 2,006,472; July 2.
- Tetrachloride, Making tin. L. Burgess. 1,999,179; Apr. 30.
- Tetrachloroethylene, Purifying. G. H. Coleman. 2,000,881; May 7.
- Tetraphosphates, Obtaining. A. H. Fiske and C. S. Bryan. 2,019,666; Nov. 5.
- Tetraphosphates, Producing. A. H. Fiske and C. S. Bryan. 2,019,665; Nov. 5.
- Tetrazoles, Producing cyclical disubstituted. Z. Földi. 2,020,937; Nov. 12.
- Textile and other materials made of or containing cellulose, Production and treatment of. H. Dreyfus. 2,025,940; Dec. 31.
- Textile and other materials, Method of and apparatus for treating. L. De R. Faber and C. J. Carroll. 2,023,013; Dec. 3.
- Textile and other materials, Treatment of. G. H. Ellis and E. W. Kirk. 2,017,119; Oct. 15.
- Textile and related industries, Production of assistants for the. H. Beller. 2,020,453; Nov. 12.
- Textile apparatus. W. A. Dickie and E. L. Greenwood. 2,002,078; May 21.
- Textile apparatus. J. Jabouley. 2,007,397; July 9.
- Textile apparatus. W. Pool and L. Latham. 2,010,889; Aug. 13.
- Textile appliance. W. Pool and L. Latham. 1,995,041; Mar. 19.
- Textile cleaning apparatus. F. E. Snowden. 1,996,084; Apr. 2.
- Textile conditioning package. G. R. Blake. 1,996,791; Apr. 9.
- Textile drafting device. T. P. Rooney. 2,023,032; Dec. 3.
- Textile fabric. H. Dreyfus. 2,006,542-3; July 2.
- Textile fabric, Making a. F. B. Smith. 2,022,391; Nov. 26.
- Textile fabrics, Apparatus for treating. J. Payet. 2,006,814; July 2.
- Textile fabrics, Impregnating. S. G. Osborne. 2,025,072; Dec. 24.
- Textile fabrics, Impregnation of. J. H. Fenner. 1,992,062; Feb. 19.
- Textile fabrics, Treating. G. H. Rhodes. 2,026,190; Dec. 31.
- Textile fabrics with vat dyestuffs, Printing of. H. Berthold, C. Krauss, and A. Hagenböcker. 2,003,641; June 4.
- Textile fiber working unit. R. W. Cutler. 2,012,223; Aug. 20.
- Textile fibers and fabrics made therefrom, Treatment of. O. F. Muller. 2,011,726; Aug. 20.
- Textile fibers and product thereof, Producing radio-active. F. Fattinger. 1,995,707; Mar. 26.
- Textile fibers, Dry spinning artificial. E. Viviani. 2,022,260; Nov. 26.
- Textile fibers, Handling. S. S. Holt. 2,014,844; Sept. 17.
- Textile filaments, yarns, threads, or the like, Treatment of. W. I. Taylor. 1,992,259; Feb. 26.
- Textile goods, Apparatus for the wet treatment of. H. Brix. 1,999,317; Apr. 30.
- Textile hemstitching machine. E. B. Roby. 2,004,080; June 4.

- Textile lines, Device for restoring the lay to twisted. C. O. Carey. 2,003,245; May 28.
- Textile machine. S. M. Fulton, G. A. Armett and H. Ewing. 2,022,849; Dec. 3.
- Textile machine, Electrically controlled. C. D. Brown. 1,998,305; Apr. 16.
- Textile machinery. E. J. Abbott. 2,026,155; Dec. 31.
- Textile machinery. F. C. Hale and W. Howarth. 2,010,079; Aug. 6.
- Textile machinery. C. E. Hays. 2,009,317; July 23.
- Textile machinery. W. Howarth. 2,022,373; Nov. 26.
- Textile machinery. J. Jabouley and K. Yeadon. 2,019,608; Nov. 5.
- Textile machinery. W. Pool. 2,020,700; Nov. 12.
- Textile material. W. A. Dickie and R. W. Moncrieff. 1,995,296; Mar. 26.
- Textile material. C. Dreyfus, W. Whitehead, and H. E. Martin. 2,015,067; Sept. 24.
- Textile material. H. Dreyfus. 2,020,303; Nov. 12.
- Textile material. H. Dreyfus, W. A. Dickie, and C. W. North. 1,993,922; Mar. 12.
- Textile material. G. Lardy. 1,986,349; Jan. 1.
- Textile material and its production. W. I. Taylor. 2,004,139; June 11.
- Textile material, Dyeing and printing. M. A. Dahlen. 2,021,911; Nov. 26.
- Textile material of low luster and making the same. C. Dreyfus and W. Whitehead. 2,006,540; July 2.
- Textile material, Production of artificial. R. H. J. Riley and T. C. Barnett. 2,016,391; Oct. 8.
- Textile materials. W. A. Dickie. 2,007,182; July 9.
- Textile materials. H. Dreyfus, W. A. Dickie, and R. W. Moncrieff. 2,020,304; Nov. 12.
- Textile materials and the production thereof. W. A. Dickie and R. W. Moncrieff. 2,007,183; July 9.
- Textile materials by latex, Impregnation of. J. E. C. Bongrand and L. S. M. Lejeune. 2,004,029; June 4.
- Textile materials, Coloration of. H. C. Olpin and G. H. Ellis. 2,019,626; Nov. 5.
- Textile materials, Dyeing of. G. H. Ellis. 2,020,675; Nov. 12.
- Textile materials, Feeding of. S. A. Welch, J. T. Ashby, A. F. Guyler and W. H. Bealer. 2,022,834; Dec. 3.
- Textile materials, Impregnation of. P. Schidrowitz. 2,005,637; June 18.
- Textile materials, Process and agent for delustering. H. Gensel and R. Bauer. 1,990,864; Feb. 12.
- Textile materials, Treatment of. C. Dreyfus and W. Whitehead. 2,000,935; May 14.
- Textile materials, Treatment of. G. H. Ellis. 2,008,691; July 23.
- Textile materials, Treatment of. G. H. Ellis and J. Allan. 2,022,413; Nov. 26.
- Textile materials, Treatment of. G. H. Ellis and H. C. Olpin. 2,010,854; Aug. 13.
- Textile materials, Treatment of. S. M. Fulton and G. C. Tyce. 2,018,017; Oct. 22.
- Textile materials, Treatment of. E. W. Kirk and G. H. Ellis. 2,013,689; Sept. 10.
- Textile materials, Treatment of. A. Mellor and R. J. Mann. 2,024,177; Dec. 17.
- Textile materials, Treatment of. C. R. Strouts. 2,013,081; Sept. 3.
- Textile mechanism. E. J. Abbott. 2,026,154; Dec. 31.
- Textile process. C. Dreyfus. 2,022,410; Nov. 26.
- Textile product, Method and apparatus for making a. F. A. Best. 2,013,230; Sept. 3.
- Textile reinforced articles, and making same. W. I. Bullard. 2,023,379; Dec. 3.
- Textile rings, Reworking. C. R. McGhee and B. W. Gossett. 2,025,881; Dec. 31.
- Textile roll joint and forming it. J. L. King. 1,989,642; Jan. 29.
- Textile rovings, Condensing or reducing device for. F. Casablanca. 1,992,121; Feb. 19.
- Textiles and like materials, Apparatus for processing. W. A. Traver. 2,004,229; June 11.
- Textiles, Dyeing of. F. Barz, A. Landolt, W. Geigy, H. Kaegi, and C. Graenacher. 2,004,476; June 11.
- Textiles, Method of and system for treating the imperviousness of water of impregnated. R. Kern. 2,012,762; Aug. 27.
- Textiles, Processing of. A. Müller and T. Stenzinger. 2,015,864; Oct. 1.
- Textiles, Sizing and dyeing of. W. Whitehead. 2,003,409; June 4.
- Textiles, Stripping and discharging dyed. J. G. Evans and L. G. Lawrie. 2,003,928; June 4.
- Textiles, Treatment of. A. Müller. 2,015,865; Oct. 1.
- Theater and apparatus therefor, Motion picture. O. A. Ross. 1,990,754; Feb. 12.
- Theater seat. S. E. Schaffer. 1,993,530; Mar. 5.
- Theater seat, Self-closing detachable. M. T. Vandervoort. 2,001,991; May 21.
- Theft preventer for gasoline tanks. T. L. Myers. 1,995,007; Mar. 19.
- Theft preventing device, Automobile. J. F. Huss. 2,000,136; May 7.
- Theft prevention apparatus. A. J. and A. J. Pichl, Jr. 1,986,216; Jan. 1.
- Theophylline compounds, Making readily soluble complex. P. R. Grüter. 2,017,279; Oct. 15.
- Therapeutic agent and process for making colloidal calcium malate. J. Torigian. 2,002,842; May 28.
- Therapeutic appliance. H. S. Chiles and F. L. Geiger. 1,999,956; Apr. 30.
- Therapeutic applicator device. R. H. Wappler. 2,022,065; Nov. 26.
- Therapeutic composition. F. W. Nitardy, W. G. Christiansen and J. L. Deuble. 1,995,776; Mar. 26.
- Therapeutic device. J. W. Bacon and T. S. Warren. 2,003,527; June 4.
- Therapeutic exercising appliance. C. A. Volf. 2,024,670; Dec. 17.
- Therapeutic implantations, Effecting. G. Failla. 2,009,393; July 30.
- Therapeutic lamp. M. Marks, also known as M. M. Ginsberg. 2,021,599; Nov. 19.
- Therapeutic lamp. R. H. Maxson. 2,006,402; July 2.
- Therapeutic substance and process of manufacture. F. Y. Chuck. 2,008,095; July 16.
- Therapeutic table. H. G. Fischer, P. P. Musket and H. H. Osborn. 2,024,351; Dec. 17.
- Therapy apparatus, High colonic. N. B. Salerni. 2,022,742; Dec. 3.
- Thermal control unit for heating and ventilating apparatus. M. J. Callahan. 1,990,895; Feb. 12.
- Thermal cut-out. A. R. Hand. 2,007,757; July 9.
- Thermal device, Snap acting. E. O. Blodgett. 2,002,467; May 21.
- Thermal insulating article. E. H. Wells, Jr. 2,023,984; Dec. 10.
- Thermal insulating material and making the same. K. W. Huffine. 2,009,619; July 30.
- Thermal insulation. E. R. Williams. 2,023,985; Dec. 10.
- Thermal insulation unit or board. R. V. Grayson and E. G. Ballenger. 2,020,639; Nov. 12.
- Thermal process and apparatus. G. T. Voorhees. 1,998,693; Apr. 23.
- Thermal relay. H. A. Wilhelm. 2,014,958; Sept. 17.
- Thermal switch. E. Bletz. 1,987,662; Jan. 15.
- Thermal switch. E. Bletz. 2,011,610; Aug. 20.
- Thermal time relay. H. R. Crago. 2,020,106; Nov. 5.
- Thermal treatment of gases and vapors. A. Cambron and C. H. Bayley. 2,002,524-5; May 28.
- Thermal treatment of hydrocarbons. E. Linckh and H. Hauber. 1,988,873; Jan. 22.
- Thermally actuated pump. E. Scott-Snell and W. R. Gibson. 2,015,240; Sept. 24.
- Thermally controlled switch. J. F. Frese. 2,013,628; Sept. 3.
- Thermic treatment of metal wires, filaments, bands, or the like, Apparatus for the. K. Möers. 1,987,577; Jan. 8.
- Thermic treatment of pulverized liquids of semiliquids, Apparatus for the. P. M. A. Léauté. 1,997,937; Apr. 16.
- Thermionic cathode. C. J. Smithells and L. R. G. Treloar. 2,014,787; Sept. 17.
- Thermionic control device. R. Gunn. 1,991,387; Feb. 19.
- Thermionic device. C. H. Braselton. 2,007,943; July 9.
- Thermionic discharge device. J. F. Peters. 2,012,435; Aug. 27.
- Thermionic generator. J. J. Numans. 2,010,881; Aug. 13.
- Thermionic modulation system. N. M. Rust. 1,988,090; Jan. 15.
- Thermionic power device. S. J. Powers. 1,993,804; Mar. 12.
- Thermionic switching system. A. McL. Nicolson. 2,007,809; July 9.
- Thermionic tube. J. V. Capicotto. 1,995,702; Mar. 26.
- Thermionic tube. G. Jobst. 2,008,505; July 16.
- Thermionic tube. D. K. Lippincott and H. E. Metcalf. 2,010,159; Aug. 6.
- Thermionic tube. F. S. McCullough. 1,991,767; Feb. 19.
- Thermionic tube. H. W. Parker. 2,016,649; Oct. 8.
- Thermionic tube. P. F. Scofield. 1,986,450; Jan. 1.
- Thermionic tube. P. F. Scofield. 1,991,632; Feb. 19.
- Thermionic tube. F. E. Terman. 2,000,304; May 7.
- Thermionic tube. F. E. Terman. 2,006,079; June 25.
- Thermionic tube grids, Making. W. W. Eitel and J. McCullough. 1,991,606; Feb. 19.
- Thermionic tube, Low capacity. D. K. Lippincott and H. E. Metcalf. 2,022,212; Nov. 26.
- Thermionic tube, Vapor filled. W. W. Eitel and J. McCullough. 1,987,328; Jan. 8.
- Thermionic vacuum tube. H. M. Freeman and W. G. Wade. 2,018,257; Oct. 22.
- Thermionic valve. E. W. B. Gill. 1,995,848; Mar. 26.
- Thermo mechanical kick-off or disconnecter, Automatic. S. A. Duvall. 2,020,110; Nov. 5.
- Thermobalance. W. F. Alder. 2,021,573; Nov. 19.
- Thermocouple. R. E. Flatley. 2,002,532; May 28.
- Thermocouple of high electro-motive force. W. Godecke. 2,012,465; Aug. 27.
- Thermohydrometer. L. Edelmann. 2,018,441; Oct. 22.
- Thermohydrometer. B. Bogoslawsky. 1,999,886; Nov. 5.
- Thermo-magnetically actuated source of power. E. Schwarzkopf. 2,016,100; Oct. 1.
- Thermometer. H. D. Bolton. 2,021,283; Nov. 19.
- Thermometer. C. B. Carson. 1,993,594; Mar. 5.
- Thermometer. C. E. Githler. 1,999,173; Apr. 30.
- Thermometer. H. Hastings. 1,991,578; Feb. 19.
- Thermometer. H. Hastings. 2,019,221; Oct. 29.
- Thermometer. V. Hiergesell. 1,995,250; Mar. 19.
- Thermometer. H. Neuwhirth. 2,021,697; Nov. 19.
- Thermometer. H. Y. Norwood. 2,000,092; May 7.
- Thermometer. M. N. States. 2,012,112; Aug. 20.
- Thermometer and hydrometer, Combination. G. H. Le-carpentier. 2,002,183; May 21.

- Thermometer and making the same, Clinical. L. E. Greiner. 2,010,589; Aug. 6.
- Thermometer and support, Combined. H. B. Brown. 2,012,741; Aug. 27.
- Thermometer, Clinical. H. Thiemann. 1,990,922; Feb. 12.
- Thermometer, Electric circuit controlling. R. H. Morrison. 2,018,220; Oct. 22.
- Thermometer housing for thermo-hydometers and the like. L. Edelmann. 2,016,193; Oct. 1.
- Thermometer mounting. E. R. Erickson. 2,026,085; Dec. 31.
- Thermometer, Recording. C. T. Frantz. 1,989,856; Feb. 5.
- Thermometer, Recording. B. G. Wardenburg. 1,993,637; Mar. 5.
- Thermometer, Self-supporting. J. G. Hoeflich. 2,004,627; June 11.
- Thermometers, Device for rotating. G. A. Thoren. 1,999,427; Apr. 30.
- Thermometry, Electromotive. C. Sheard and R. Halstead. 2,025,534; Dec. 24.
- Thermopile. J. P. Quereau. 1,988,858; Jan. 22.
- Thermoplastic composition and making the same. L. E. Harrison. 2,020,311; Nov. 12.
- Thermoplastic material, Transparent. S. Whyte and W. E. Lord. 2,006,378; July 2.
- Thermostat. C. E. Armstrong. 2,013,637; Sept. 3.
- Thermostat. G. P. Drake. 1,996,907; Apr. 9.
- Thermostat. D. McK. Greer. 1,992,066; Feb. 19.
- Thermostat. E. E. Gregory. 2,016,244; Oct. 1.
- Thermostat. J. M. Johnson. 2,002,031; May 21.
- Thermostat. R. H. Mautsch. 2,004,667; June 11.
- Thermostat. R. E. Newell, C. W. Robertshaw, and W. B. Mackintosh. 1,998,818; Apr. 23.
- Thermostat. C. Peebles. 2,011,258; Aug. 13.
- Thermostat. E. H. Piron. 2,006,178; June 25.
- Thermostat. J. F. Smart. 2,012,323; Aug. 27.
- Thermostat. J. A. Spencer. 2,003,018; May 28.
- Thermostat. R. Valverde. 1,987,166; Jan. 8.
- Thermostat and like device. A. J. Otto. 2,009,675; July 30.
- Thermostat, Balanced. H. J. Smith. 2,007,384; July 9.
- Thermostat, Bimetal. H. Scott. 1,993,020; Mar. 5.
- Thermostat, Cartridge. P. A. Nothstine. 2,003,638; June 4.
- Thermostat compensator. L. F. Koerner. 1,995,355; Mar. 26.
- Thermostat control. C. E. Armstrong. 1,988,149; Jan. 15.
- Thermostat control device. O. J. Leins. 1,999,731; Apr. 30.
- Thermostat control device. O. J. Leins. 1,999,732; Apr. 30.
- Thermostat controls for air-conditioners for rooms. F. A. Whiteley. 2,011,787; Aug. 20.
- Thermostat, Electric clock. M. H. Wells. 2,019,945; Nov. 5.
- Thermostat element, Bimetal. R. Valverde. 1,987,167; Jan. 8.
- Thermostat, Heater-cooler. L. M. Persons. 2,024,385; Dec. 17.
- Thermostat mechanism. F. H. Schoenfeld. 2,011,691; Aug. 20.
- Thermostat, Potentiometer. P. F. Shivers. 1,993,687; Mar. 5.
- Thermostat, Snap action. E. W. McKinley. 2,003,947; June 4.
- Thermostatic and time heat control for stove ovens, Combined. B. E. Meacham. 2,002,409; May 21.
- Thermostatic control. F. W. Birtch. 2,014,716; Sept. 17.
- Thermostatic control. J. Lithgow and G. E. Gray. 2,019,472; Oct. 29.
- Thermostatic control. W. J. McGoldrick. 1,997,262; Apr. 9.
- Thermostatic control. P. L. Spencer. 1,992,047; Feb. 19.
- Thermostatic control apparatus for vehicle fans. H. A. Embery and A. Welsh. 2,022,709; Dec. 3.
- Thermostatic control device. G. H. B. West. 2,022,874; Dec. 3.
- Thermostatic control devices. L. Davidson and H. L. Davidson. 1,999,399; Apr. 30.
- Thermostatic control for automobile radiator overflow pipe. F. Rawcliffe. 2,008,835; July 23.
- Thermostatic control for electric circuits. C. A. Pierson. 2,023,544; Dec. 10.
- Thermostatic control for fluid meters. A. J. Granberg. 2,015,267; Sept. 24.
- Thermostatic control for grinding machines. H. E. Bal-siger. 2,019,040; Oct. 29.
- Thermostatic control mechanism. F. C. Leonard. 2,019,144; Oct. 29.
- Thermostatic control system. D. J. Jones. 1,991,680; Feb. 19.
- Thermostatic controlling device. W. S. Thomas. 2,003,060; May 28.
- Thermostatic device. E. Bletz and L. J. Greenawalt. 2,015,545; Sept. 24.
- Thermostatic device. J. H. Derby. 1,989,229; Jan. 29.
- Thermostatic device. R. J. Rockwell. 2,020,575; Nov. 12.
- Thermostatic device. D. Tyson. 2,023,940; Dec. 10.
- Thermostatic device. K. G. Waltenburg. 2,011,546; Aug. 13.
- Thermostatic device. H. and B. Wheeler. 2,021,440; Nov. 19.
- Thermostatic element. N. L. Derby. 1,991,495; Feb. 19.
- Thermostatic furnace regulator. G. W. Folk. 1,990,540; Feb. 12.
- Thermostatic gas valve. C. H. Morrow. 2,023,640; Dec. 10.
- Thermostatic material and manufacture thereof. R. E. Gibbs. 1,996,721; Apr. 2.
- Thermostatic mixing valve. V. C. Boydston. 1,989,909; Feb. 5.
- Thermostatic protection for motors. C. R. Boothby. 1,997,673; Apr. 16.
- Thermostatic snap-action mechanism. F. Metschert. 1,990,747; Feb. 12.
- Thermostatic structure. R. E. Newell. 2,000,294; May 7.
- Thermostatic structure. R. E. Newell. 2,017,725; Oct. 15.
- Thermostatic structure. R. E. Newell and D. K. Drylie. 2,006,930; July 2.
- Thermostatic switch. I. W. Knight. 1,986,507; Jan. 1.
- Thermostatic switch. C. A. Landin. 1,993,275; Mar. 5.
- Thermostatic switch. C. R. Laubenfels. 2,000,398; May 7.
- Thermostatic switch. E. G. Petersen. 1,992,765; Feb. 26.
- Thermostatic switch. E. Walder. 2,008,163; July 16.
- Thermostatic switch. J. Worley. 2,022,907; Dec. 3.
- Thermostatic system, Reversible. C. A. Otto. 2,021,263; Nov. 19.
- Thermostatic units for steam traps and the like, Making. W. B. Clifford and J. E. Woods. 1,992,605; Feb. 26.
- Thermostatic valve. F. L. Henning. 2,014,526; Sept. 17.
- Thermostatic valve. P. J. and C. H. Jorgensen. 1,991,392; Feb. 19.
- Thermostatic valve. W. J. McGoldrick. 2,012,068; Aug. 20.
- Thermostatic valve. F. R. Mott. 2,008,400; July 16.
- Thermostatic valve. H. B. Trix. 2,006,153; June 25.
- Thermostatic valve. S. P. Vaughn. 1,991,434; Feb. 19.
- Thermostatic valve. S. P. Vaughn. 1,993,814; Mar. 12.
- Thermostatically controlled regulator. C. V. Hildebrecht. 2,008,758; July 23.
- Thermostats, Device for testing. D. A. White and J. O. McNamara. 2,026,079; Dec. 31.
- Thevetin from the seeds of thevetia meriifolia juss. or exile nut, Obtaining. K. K. and A. L. Chen. 2,022,617; Nov. 26.
- Thiazole and process of production. A. L. Fox. 1,987,614; Jan. 15.
- Thiazoles, Manufacture of mercapto aryl. W. L. Semon and T. F. Ford. 2,001,587; May 14.
- Thiazoles substituted by a primary alkylamino group. T. B. Johnson. 2,020,650; Nov. 12.
- Thickener. N. B. Lund. 2,003,261; May 28.
- Thickener for pulp stock or the like. P. O. Hass. 1,993,214; Mar. 5.
- Thickening material for use in the printing of textile fabrics. B. Rewald. 1,986,360; Jan. 1.
- Thickness gauge. R. W. Brown. 1,989,037; Jan. 22.
- Thickness gauge. S. B. Terry. 2,007,840; July 9.
- Thin steel boiler, Welded. W. O. Lum and E. D. Harrington. 2,009,552; July 30.
- Thinning machine. J. R. Uddenborg. 1,998,745; Apr. 23.
- Thio-ethers from mercaptans, Production of. W. Seaman. 1,993,287; Mar. 5.
- Thiosulphate esters and their production. A. Kirstahler and W. J. Kaiser. 2,004,873; June 11.
- Thio-sulphates and sulphonates of compound ethers and preparing the same. E. Schirm. 2,012,073; Aug. 20.
- Thiotetraphosphates and product thereof, Preparing. A. H. Fiske and C. S. Bryan. 2,025,503; Dec. 24.
- Thiourea, Making. R. V. Heuser. 1,991,852; Feb. 19.
- Thiourea, Manufacture of. A. Gams and W. Merkl. 2,006,762; July 2.
- Thiuram disulphides, Preparing. H. I. Cramer. 2,014,353; Sept. 10.
- Thrashing machine. F. Schlager. 2,020,380; Nov. 12.
- Thread. F. W. Thomas and J. C. Lewis. 1,987,453; Jan. 8.
- Thread and covering such thread, Covered elastic. H. A. Smith. 1,992,448; Feb. 26.
- Thread and producing same, Artificial. H. Altwegg and A. Eichler. 2,022,838; Dec. 3.
- Thread, Apparatus for making rubber. J. R. Gammeter. 2,001,781; May 21.
- Thread, Apparatus for winding. G. Metcalfe, S. J. Menzer and R. W. Moncrieff. 2,022,379; Nov. 26.
- Thread, Artificial fibroid. H. Fink and E. Rossner. 1,990,588; Feb. 12.
- Thread carrier for knitting machines. F. G. Weisbecker. 2,014,341; Sept. 10.
- Thread-case rotation-restraining means. H. J. Goosman. 2,007,894; July 9.
- Thread clamp for warp beams. O. V. Payne. 2,025,890; Dec. 31.
- Thread cleaner. P. Daugert. 2,015,060; Sept. 24.
- Thread cleaner. J. R. Welton. 2,007,733; July 9.
- Thread cleaning device. P. W. Baker and J. A. Schiffner. 2,019,644; Nov. 5.
- Thread composed of textile fibers. J. E. C. Bongrand and L. S. M. Lefeune. 2,008,127; July 16.
- Thread controlling mechanism. J. P. and A. H. Wels. 1,993,392; Mar. 5.
- Thread core. C. K. Dunlap. 2,006,797; July 2.
- Thread cutter and ripping device. T. D. Lewis. 2,026,050; Dec. 31.
- Thread cutting device for automatic looms. K. Toyoda. 2,007,485; July 9.
- Thread cutting die. L. Nikoloff. 1,988,046; Jan. 15.

- Thread cutting tool. F. P. Dempsey. 1,991,494; Feb. 19.
- Thread, Device for controlling and treating. C. W. Strzalkowski and E. J. Wendt. 2,019,201; Oct. 29.
- Thread-drawing machine. H. Gunther. 1,992,370; Feb. 26.
- Thread drawing machine. A. Thomas. 2,019,586; Nov. 5.
- Thread feeding mechanism. F. Chatfield. 2,023,515; Dec. 10.
- Thread feeding mechanism for warp knitting machines. E. Kinsella, J. G. Pratt, and B. Kelsall. 2,014,530; Sept. 17.
- Thread for pneumatic tires. F. G. W. King. 2,014,255; Sept. 10.
- Thread guide. J. C. Funcke and H. A. Chisholm. 2,011,809; Aug. 20.
- Thread guide. M. J. McHale. 2,000,405; May 7.
- Thread guide. M. J. McHale. 2,023,179; Dec. 3.
- Thread-guide control for bobbin-winding machines. W. Heinitz. 2,009,922; July 30.
- Thread guide for shoe upper lacing machines. W. A. Berry. 1,994,299; Mar. 12.
- Thread guide for winding machines. A. Amel. 2,001,374; May 14.
- Thread in package form, Apparatus for treating fine filamentous. C. A. Huttering. 2,011,485; Aug. 13.
- Thread, Making rubber. N. G. Madge. 2,002,640; May 28.
- Thread manipulating device. J. H. Jewett, Jr. 1,987,777; Jan. 15.
- Thread manufacture. P. E. Harrison. 1,999,048; Apr. 23.
- Thread moistening apparatus. F. J. Hejduk. 2,022,506; Nov. 26.
- Thread objects, Making ornamental. H. González. 2,001,192; May 14.
- Thread on a bobbin, Apparatus for winding. S. W. Brainard. 2,004,153; June 11.
- Thread or the like, Appliance for unwinding pack. W. Behrendt. 1,993,643; Mar. 5.
- Thread or yarn cleaner. A. E. Truesdell. 2,002,843; May 28.
- Thread package. C. E. Chaffin. 1,991,880; Feb. 19.
- Thread package. A. J. Morse and G. H. Carr. 1,997,426; Apr. 9.
- Thread, Preparation of. E. K. Gladding and D. F. Evans. 1,996,864; Apr. 9.
- Thread, Preparation of moisture resistant. C. J. Staud and R. H. Van Dyke. 2,017,171; Oct. 15.
- Thread tensioning device. F. B. and A. J. Javery. 2,005,975; June 25.
- Thread tensioning device. J. A. Williams. 1,997,709; Apr. 16.
- Thread tensioning device for creels and the like. A. Perichard. 2,006,651; July 2.
- Thread waxing device. F. Ashworth. 1,996,137; Apr. 2.
- Thread waxing device. F. C. Choice and R. A. Lineam. 2,011,615; Aug. 20.
- Thread winder, Traverser. H. Schweiter. 1,990,620; Feb. 12.
- Thread winding mechanism. H. S. Drum and W. C. Dodson. 1,992,026; Feb. 19.
- Thread winding off spools in double twist twisting spindles, Arrangement of the. O. Bochmann and W. Lenk. 1,995,533; Mar. 26.
- Threading die, Double purpose. C. F. Bruce and R. S. Bascom. 2,010,913; Aug. 13.
- Threading machine. S. W. Mathias. 2,017,764; Oct. 15.
- Threads and other products from cellulose compounds, Manufacture of artificial. L. Lilienfeld. 2,004,876-7; June 11.
- Threads, Apparatus and method for conveying. F. S. Mead. 2,004,169; June 11.
- Threads, Artificial. L. Lilienfeld. 1,989,099; Jan. 29.
- Threads, films, and other products by wet spinning processes from solutions of cellulose esters or ethers, Manufacture of artificial. W. A. Dickie and P. F. C. Sowter. 2,025,730; Dec. 31.
- Threads from cellulose esters or cellulose ethers, Manufacture of artificial. P. Schlack. 1,997,753; Apr. 16.
- Threads, Manufacture of artificial. T. F. Banigan. 2,015,392; Sept. 24.
- Threads, Manufacture of artificial. L. Lilienfeld. 1,989,098; Jan. 29.
- Threads, Manufacture of rubber. K. R. Shaw. 2,004,085; June 4.
- Threads, Method of and mechanism for the severance of. O. Kleinschmit and R. Klemm. 1,997,143; Apr. 9.
- Threads of textile material, Manufacture of. J. E. C. Bongrand and L. S. M. Lejeune. 1,986,319; Jan. 1.
- Threads or elements from aqueous dispersions of rubber or the like, Apparatus for forming. E. A. Murphy. 2,019,543; Nov. 5.
- Threads or filaments, Manufacture of artificial. R. W. Payne and R. F. Roberts. 1,996,120; Apr. 2.
- Threads or strips of rubber or the like, Manufacture of. U. Pestalozza. 2,003,721; June 4.
- Threads, Untwisting. W. D. Kellogg. 1,986,974; Jan. 8.
- Threads, wires, strips, and the like, Apparatus for testing the thickness of. N. G. Baguley, C. F. Topham, and T. B. Lewis. 2,014,998; Sept. 17.
- Threads wound on spools, Device for the washing and after-treatment of. H. Elling. 2,007,914; July 9.
- 3,3-dimethyl-1-bromo-butane. F. C. Whitmore and W. R. Trent. 2,022,485; Nov. 26.
- Thresher. E. L. Anderson. 1,992,172; Feb. 26.
- Thresher, Harvester. E. A. Johnston, C. R. Raney, and A. E. W. Johnson. 2,002,205; May 21.
- Threshing. L. H. Thoen. 2,003,522-3; June 4.
- Threshing. E. E. Wickersham. 2,005,212; June 18.
- Threshing and scutching machine. J. A. Grant. 2,000,282; May 7.
- Threshold, Waterproof. C. A. Shogren. 2,010,609; Aug. 6.
- Throttle arrangement for pneumatic tools. E. W. Stevens. 2,014,705; Sept. 17.
- Throttle control. C. A. Killmeyer. 2,009,088; July 23.
- Throttle control for supercharged aircraft engines. E. Dodson. 1,995,800; Mar. 26.
- Throttle control mechanism. C. L. Cummins. 1,997,575; Apr. 16.
- Throttle control mechanism. F. E. Liverance, Jr. 2,005,202; June 18.
- Throttle valve. H. F. Doherty. 2,001,487; May 14.
- Throttle valve. F. J. Smith. 2,002,965; May 28.
- Throttle valve, Pressure controlled. W. A. Henry. 2,000,387; May 7.
- Thrust bearing. C. A. Ferguson. 1,990,119; Feb. 5.
- Thrust bearing. W. E. Horrocks. 1,994,996; Mar. 19.
- Thrust measuring apparatus. H. F. D. Davis. 1,998,450; Apr. 23.
- Thrust radial bearing. C. E. Wyrick. 2,012,461; Aug. 27.
- Thrust screw connector. A. Hauser. 2,000,947; May 14.
- Thumb rest for flatirons. A. D. Olds. 2,013,696; Sept. 10.
- Thumb rest for sadirons, Adjustable. A. S. Knapp. 2,024,371; Dec. 17.
- Ticker tape controlling means. J. W. Decker. 2,017,655; Oct. 15.
- Ticker tape projecting device. A. D. Eitzen. 1,999,183; Apr. 30.
- Ticket, Admittance strip. L. P. Wright. 2,023,829; Dec. 10.
- Ticket and ticket holder. M. Macdonald. 2,005,346; June 18.
- Ticket, Cloth bolt. L. Davis. 2,001,054; May 14.
- Ticket delivering device. M. T. Ashe. 1,993,951; Mar. 12.
- Ticket dispensing means. C. Furrer. 1,994,272; Mar. 12.
- Ticket dispensing means. C. Furrer. 2,001,903; May 21.
- Ticket feeding and printing. C. A. Flood. 2,023,045; Dec. 3.
- Ticket issuing machine. H. L. Pierson. 1,992,767; Feb. 26.
- Ticket issuing machine. C. F. Webb. 1,994,030; Mar. 12.
- Ticket issuing machine, Totalizator. G. A. Julius. 2,023,839; Dec. 10.
- Ticket machine. A. Bolognino. 2,000,159; May 7.
- Ticket, Pin. A. K. Marsh. 2,008,644; July 16.
- Ticket, Price. J. W. Hutt. 2,025,167; Dec. 24.
- Ticket printing and issuing machine. C. F. Webb. 2,020,594; Nov. 12.
- Ticket printing machine. D. M. Thomson. 2,014,707; Sept. 17.
- Ticket printing or marking and issuing machine. W. P. Harris. 2,009,260; July 23.
- Ticket punching and stamping machine. E. H. Healy. 1,999,928; Apr. 30.
- Ticket remarker. C. A. Flood. 2,014,727; Sept. 17.
- Ticket-stringing apparatus. J. F. Graeber. 2,004,163; June 11.
- Ticket stripper, Automatic. A. J. Johnston. 1,998,320; Apr. 16.
- Tide gate and sewage regulator, Automatic. E. R. Schofield. 2,018,383; Oct. 22.
- Tie fastener. H. L. Waite. 2,017,379; Oct. 15.
- Tie for concrete form work. E. P. Muntz. 2,016,117; Oct. 1.
- Tie for concrete forms. D. H. Hayden. 1,997,638; Apr. 16.
- Tie for concrete forms, Retaining. S. S. Colt. 2,001,052; May 14.
- Tie holder. J. A. Loewinsohn. 2,013,061; Sept. 3.
- Tie holder, Ornamental. O. Carlson. 1,987,503; Jan. 8.
- Tie locking device. P. D. Smith. 2,006,815; July 2.
- Tie or bridle bar construction, Steel. T. W. Rorrer. 2,024,306; Dec. 17.
- Tie plate. W. S. Boyce. 2,018,658; Oct. 29.
- Tie-plate. J. K. Boyd and F. F. Slick. 1,998,043; Apr. 16.
- Tieplate. F. L. MacQuarrie. 1,997,150; Apr. 9.
- Tie plate, Anchor holding. C. H. Johnson and O. Joslin. 1,990,465; Feb. 5.
- Tie-plate and rail fastener. E. Woodings. 1,992,341; Feb. 26.
- Tie plate, Railway. G. T. Willard. 2,016,565; Oct. 8.
- Tie plates, Apparatus for manufacturing. J. F. W. Kruse, C. W. Dawson, and A. T. Richardson. 2,001,578; May 14.
- Tie plates, Making special. D. P. Steward and J. V. Stewart. 2,020,441; Nov. 12.
- Tie pressing machine. R. Heinz. 2,008,956; July 23.
- Tie rack. L. F. Cuthbert. 2,015,620; Sept. 24.
- Tie rack. W. Kratt. 1,998,899; Apr. 23.
- Tie, Ready made. I. Bronshvaig. 2,001,452; May 14.
- Tie-rod assembly. W. Todd. 2,014,871; Sept. 17.
- Tie rod clamp. C. A. Kemper. 1,990,234; Feb. 5.
- Tie rod construction. J. H. Steenson. 2,004,398; June 11.
- Tie, Semi-elastic braced. A. Rosenberg. 2,024,704; Dec. 17.
- Tie spacer. J. Jacobs. 1,990,285; Feb. 5.
- Tie support. T. A. Pyros. 2,011,456; Aug. 13.
- Tie tether. H. Cohn. 2,025,441; Dec. 24.
- Tie trunk line. L. J. Bowne. 2,002,218; May 21.
- Tying device. M. Domber. 2,024,515; Dec. 17.
- Tying machine. B. H. Bunn. 1,994,453; Mar. 19.

- Tying machine. L. M. Harvey. 1,995,347; Mar. 26.
 Tying machine. L. M. Harvey. 1,996,202; Apr. 2.
 Tight container. H. T. Scott. 2,025,477; Dec. 24.
 Tightening means for the compression and suction chambers of rotary piston engines. E. Ketterer. 1,996,620; Apr. 2.
 Tile. H. Jansen. 2,000,565; May 7.
 Tile. H. Marsh and R. M. Chesney. 2,005,380; June 18.
 Tile. L. E. Schwalbe. 2,008,370; July 16.
 Tile. P. H. Sereff. 2,005,958; June 25.
 Tile, Acoustic. H. C. Smith. 2,014,749; Sept. 17.
 Tile, Acoustic. A. L. Spafford. 2,022,161; Nov. 26.
 Tile and building block, Glass. H. W. Collins and E. Ruiz. 1,989,634; Jan. 29.
 Tile and like wall construction. G. E. Born. 2,016,918; Oct. 8.
 Tile and method of manufacture. C. E. Bradley. 1,991,373; Feb. 19.
 Tile, Apparatus for manufacturing vari-colored. R. S. Bolton. 2,007,961; July 16.
 Tile attaching clip. T. Bockman. 2,021,908; Nov. 26.
 Tile clip. L. Harrington. 2,025,983; Dec. 31.
 Tile, Composition. E. Claxton and M. K. Bare. 2,022,707; Dec. 3.
 Tile construction. C. G. Duffy. 1,991,550; Feb. 19.
 Tile construction. H. P. C. Keuls. 1,991,558; Feb. 19.
 Tile, Cooling composition. G. P. Heppes. 2,010,017; Aug. 6.
 Tile cutter. H. Persson. 1,994,420; Mar. 12.
 Tile-dies, Making. F. B. Yingling. 2,026,337; Dec. 31.
 Tile, Flexible. K. R. Runde. 2,020,576; Nov. 12.
 Tile for joist and tile construction for floors and the like. H. F. Frease. 2,017,241; Oct. 15.
 Tile from multiple tile units, Method of and machine for separating. D. A. Cannon. 1,996,275; Apr. 2.
 Tile or block. J. J. Tranchell. 2,011,531; Aug. 13.
 Tile, Packing and unpacking wall. H. S. McElroy. 2,007,808; July 9.
 Tile, Producing cementitious. A. H. Sexton. 2,018,192; Oct. 22.
 Tile, Roofing. J. Krempfer. 2,002,244; May 21.
 Tile, Roofing. W. Ludowici. 1,999,244; Apr. 30.
 Tile setting assembly and method of handling and packaging. N. C. Butler. 2,020,455; Nov. 12.
 Tile, Wall. A. R. Dixon. 1,994,172; Mar. 12.
 Tile, Wall or base. N. P. Currie. 2,018,201; Oct. 22.
 Tiled construction. Z. C. Wilkinson. 1,987,399; Apr. 9.
 Tiles and the like, Handling frangible. W. Pursell and E. C. Gaertner. 2,017,571; Oct. 15.
 Tiles, Fastening penetrable. F. L. Stubbs. 2,008,192; July 16.
 Tiles, Roofing and like. J. H. Hutchinson. 2,000,392; May 7.
 Tiling and the like. G. H. Lenke. 2,005,427; June 18.
 Tillage disk bearing. A. E. W. Johnson. 2,005,547; June 18.
 Tillage implement. G. E. Smithburn. 2,020,524; Nov. 12.
 Tiller, Mechanical. H. H. Glasier. 1,996,510; Apr. 2.
 Tilt indicator. G. E. Genung. 1,995,919; Mar. 26.
 Tilting device for furnaces. J. R. Wyatt. 2,014,349; Sept. 10.
 Tilting mechanism for Venetian blinds. S. E. Campbell. 2,015,215; Sept. 24.
 Tilting switch. L. C. Hart. 2,020,887; Nov. 12.
 Timber or other materials, Drying of. C. Goodall. 2,006,018; June 25.
 Timber, Reinforcement of. H. C. Graham and W. B. Peirce. 2,014,892; Sept. 17.
 Timber support for rossing machines and the like. J. C. Cook. 2,011,037; Aug. 13.
 Time actuated dial control for radio receiving sets. C. Petersen. 2,008,108; July 16.
 Time announcer. E. P. Cosgrove. 2,020,457; Nov. 12.
 Time announcing device. M. J. Sullivan. 1,991,524; Feb. 19.
 Time announcing system. C. G. Miller and A. R. Bonorden. 2,004,248; June 11.
 Time compensator, Electric. R. B. Colton and H. C. Mabbott. 1,989,082; Jan. 29.
 Time controlled device for gas appliances. C. B. Dushane, Jr. 1,992,198; Feb. 26.
 Time controlled mechanism. J. L. Franklin. 2,005,653; June 18.
 Time controlled mechanism. R. W. Johnson. 2,025,511; Dec. 24.
 Time controlled releasing mechanism. W. C. Ellis. 1,985,890; Jan. 1.
 Time controlled switch. P. Hungerbühler. 2,005,085; June 18.
 Time controlled switch. M. H. Rhodes. 1,996,173; Apr. 2.
 Time controlled switch. M. H. Rhodes. 2,001,266; May 14.
 Time controlled valve. F. A. Gaucer. 1,993,926; Mar. 12.
 Time controlled valve. J. H. Grayson and F. Netschert. 2,012,532; Aug. 27.
 Time delay apparatus, Electric. F. W. Godsey, Jr. 2,016,672; Oct. 8.
 Time delay device for automatic switches. M. P. Whitney. 2,021,822; Nov. 19.
 Time delay mechanism. W. F. Richards. 2,023,698; Dec. 10.
 Time delay undervoltage protective system. D. F. Richardson. 2,010,701; Aug. 6.
 Time division multiplex system. J. L. Callahan, R. E. Mathes, and A. Kahn. 2,010,505; Aug. 6.
 Time-fuse. N. E. Methlin. 2,026,094; Dec. 31.
 Time globe. E. R. Fowler. 2,023,677; Dec. 10.
 Time indicating system. E. N. Anderson. 2,001,831; May 21.
 Time indicator. H. W. Lord. 2,011,366; Aug. 13.
 Time instrument. J. R. Putnam. 1,989,881; Feb. 5.
 Time-instrument signal-mechanism. A. B. Poole. 2,016,389; Oct. 8.
 Time intervals, Device for computing and indicating. G. Tucker. 2,025,625; Dec. 24.
 Time intervals, Method and apparatus for measuring. W. Kunze. 1,991,396; Feb. 19.
 Time keeping, Method of and apparatus for navigators'. P. Van H. Weems. 2,008,734; July 23.
 Time latch. F. Skoko. 1,988,144; Jan. 15.
 Timelock, Delayed control. W. C. Miller. 1,998,201; Apr. 16.
 Time mechanism for operating gas valves. F. Lux. 1,995,070; Mar. 19.
 Timepiece. E. E. Baldwin. 1,997,570; Apr. 16.
 Timepiece. W. Biedenfeld. 1,989,584; Jan. 29.
 Timepiece. J. Harwood. 2,023,322; Dec. 3.
 Timepiece, Electric. M. P. Favre-Bulle. 1,991,839; Feb. 19.
 Timepiece, Electric. L. Tisseyre and I. Cotnareanu. 2,002,421; May 21.
 Timepiece, Stem-winding-and-setting. E. L. Carlson. 2,010,218; Aug. 6.
 Time recording punch. G. S. Wells. 2,013,530; Sept. 3.
 Time release apparatus. P. Beghetti. 2,004,515; June 11.
 Time switch. C. E. Sundberg. 1,997,089; Apr. 9.
 Time switch. F. M. Truesdell. 2,020,974; Nov. 12.
 Time switch. H. R. Van Deventer. 2,021,212; Nov. 19.
 Time switch. R. H. Wilmeth and J. A. Keys. 1,992,273; Feb. 26.
 Time switch, Plural set. R. D. Smith. 2,004,137; June 11.
 Timed sequence distributing and regulating apparatus. L. B. Harris. 2,024,690; Dec. 17.
 Timer. P. E. Hoesgood. 2,000,758; May 7.
 Timer. C. W. Schreiber and L. D. Soubier. 2,017,992; Oct. 22.
 Timer and distributor, Combined. W. G. Schneider and W. M. Friend. 1,989,629; Jan. 29.
 Timer and distributor mechanism. W. G. Schneider. 2,008,647; July 16.
 Timer, Electrically operated work cycle. H. J. Brandenburger. 1,986,553; Jan. 1.
 Timer, Electronic. M. E. Bivens. 2,021,766; Nov. 19.
 Timer for automatic traffic signal lights, Indicating. T. A. Jenkins. 1,996,111; Apr. 2.
 Timer for leer loaders. A. W. Beeson. 1,997,099; Apr. 9.
 Timing and operating mechanism for electrical appliances. V. Deguara. 1,986,960; Jan. 8.
 Timing axis for cathode ray oscillograph. P. L. Hoover and E. D. Kennedy. 2,025,208; Dec. 24.
 Timing device. H. Cozens and C. L. Walser. 2,010,781; Aug. 6.
 Timing device. R. O. Hamill. 1,993,005; Mar. 5.
 Timing device. A. Simon. 2,024,542; Dec. 17.
 Timing device for cam grinding machines. C. L. Ott. 2,019,088; Oct. 29.
 Timing device for washing machines. G. B. Kell. 2,000,448; May 7.
 Timing machine. C. J. Coberly. 1,993,957; Mar. 12.
 Timing mechanism. H. E. Balsiger. 2,019,039; Oct. 29.
 Timing mechanism. M. S. Curtis. 2,004,838; June 4.
 Timing mechanism. W. J. Eichenberg. 1,990,452; Feb. 5.
 Timing mechanism. E. D. Mead. 1,993,793; Mar. 12.
 Timing mechanism for watch and like movements. F. D. Urie. 1,991,477; Feb. 19.
 Timing relay. R. J. Wensley. 2,018,243; Oct. 22.
 Tin and lead from scrap mixtures containing same, Recovery of. W. S. Smith. 2,011,305; Aug. 13.
 Tin, Electro-deposition of. P. R. Pine. 1,987,749; Jan. 15.
 Tin from tin ores, Recovery of. L. A. Wood. 2,011,533; Aug. 13.
 Tin, Hermetically sealed. A. H. Downes-Shaw, A. S. Russell, and A. L. Stuchbery. 2,023,341; Dec. 3.
 Tin plating. F. H. Snyder and S. F. M. MacLaren. 2,001,474; May 14.
 Tin to metallic sheets, Apparatus for and method of applying. H. W. Nieman. 2,025,768; Dec. 31.
 Tin, Triangular prism shaped. C. A. Flanagan. 2,020,827; Nov. 12.
 Tins with a gas heavier than air, Apparatus for filling. C. Loehle. 2,019,422; Oct. 29.
 Tinsel strand, Composite. E. S. Bradford, Jr. 2,022,025; Nov. 26.
 Tints on animal fibers, Producing fast. F. Straub and H. Schneider. 2,000,794; May 7.
 Tip for weft detectors. O. V. Payne. 2,007,835; July 9.
 Tips for cigarettes, Manufacture of filter. R. F. May. 2,023,766; Dec. 10.
 Tipper for fast delivery vans, Hydraulic rear. O. Ballert. 2,004,744; June 11.
 Tipping body. F. Kutsukan. 2,010,269; Aug. 6.
 Tipping suction device for sheet separating machines. G. Spiess. 2,012,485; Aug. 27.
 Tip-up seat. J. Mitchell. 1,987,346; Jan. 8.
 Tire. C. A. Jones. 2,020,190; Nov. 5.
 Tire and indicator, Multiple tube. S. Libo. 2,017,214; Oct. 15.
 Tire and making the same. A. J. Musselman. 2,015,459; Sept. 24.
 Tire and rim assembly. Q. A. Gladden. 2,010,260; Aug. 6.

- Tire and rim assembly. R. K. Lee. 2,016,150; Oct. 1.
- Tire and wheel cover, Shove down spare. G. A. Lyon. 1,991,327; Feb. 12.
- Tire, Antiskidding. E. Coenning. 2,004,836; June 4.
- Tire as used for road vehicles, aeroplanes, and the like, Pneumatic. F. Holdsworth. 2,024,040; Dec. 10.
- Tire, Auto. W. L. Prince. 2,018,189; Oct. 22.
- Tire, Automobile. H. N. Cupp. 1,989,402; Jan. 29.
- Tire, Automobile. E. Hopkins. 2,006,315; June 25.
- Tire, Bicycle. R. C. Collins. 2,018,604; Oct. 22.
- Tire building apparatus. R. W. Allen. 2,006,307; June 25.
- Tire building drum, Pneumatic. C. H. Desautels. 1,987,926; Jan. 15.
- Tire building machine. H. C. Bostwick. 1,994,561; Mar. 19.
- Tire building machine. W. J. Breth and M. L. Engler. 2,004,886; June 11.
- Tire casings, Manufacture of pneumatic. L. A. Laursen. 2,025,993; Dec. 31.
- Tire casings, Method and apparatus for vulcanizing. L. A. Laursen. 2,025,992; Dec. 31.
- Tire, Cellular cushion. J. Brunsick. 2,017,649; Oct. 15.
- Tire chain. W. G. Holley. 1,998,623; Apr. 23.
- Tire chain. R. M. Krisan. 1,998,933; Apr. 23.
- Tire chain. A. Panzica. 2,013,064; Sept. 3.
- Tire chain. M. A. Sisk. 1,989,217; Jan. 29.
- Tire chain, Emergency. E. A. Stuller. 2,006,659; July 2.
- Tire chain, Emergency. E. A. Stuller. 2,014,151; Sept. 10.
- Tire chains, Device for applying. J. Garey. 2,022,804; Dec. 3.
- Tire changing tool. J. W. Henninger. 2,020,781; Nov. 12.
- Tire construction. A. Hargraves. 1,996,418; Apr. 2.
- Tire construction. R. M. Reel. 1,987,350; Jan. 8.
- Tire construction. R. S. Taylor. 2,000,869; May 7.
- Tire construction for vehicles, Twin. P. M. Bourdon. 2,005,922; June 18.
- Tire cover. F. C. Burnett. 1,986,877; Jan. 8.
- Tire cover. H. Hartel. 1,991,207; Feb. 12.
- Tire cover. G. A. Lyon. 1,995,392; Mar. 26.
- Tire cover. G. A. Lyon. 2,014,655-6; Sept. 17.
- Tire cover. G. A. Lyon. 2,019,987-8; Nov. 5.
- Tire cover. G. A. Lyon. 2,022,121-2; Nov. 26.
- Tire cover. G. A. Lyon. 2,022,124; Nov. 26.
- Tire cover. G. A. Lyon. 2,022,129; Nov. 26.
- Tire cover. C. McCurley. 1,985,941; Jan. 1.
- Tire cover. C. W. Ryerson. 2,012,072; Aug. 20.
- Tire cover. C. W. Ryerson. 2,021,965; Nov. 26.
- Tire cover. B. M. Short. 1,986,859; Jan. 8.
- Tire cover. H. W. Tinker. 2,010,770; Aug. 6.
- Tire cover and hub cap, Combination. G. A. Lyon. 1,991,326; Feb. 12.
- Tire cover and hub closure. A. P. Ferguson. 2,022,592; Nov. 26.
- Tire cover, Beaded. G. A. Lyon. 2,022,123; Nov. 26.
- Tire cover, Beaded. G. A. Lyon. 2,022,126-7; Nov. 26.
- Tire cover construction. G. A. Lyon. 1,997,180; Apr. 9.
- Tire cover construction. G. A. Lyon. 2,010,098; Aug. 6.
- Tire cover construction. G. A. Lyon. 2,014,654; Sept. 17.
- Tire cover construction. G. A. Lyon. 2,019,714; Nov. 5.
- Tire cover construction. G. A. Lyon. 2,019,986; Nov. 5.
- Tire cover construction, Beaded. G. A. Lyon. 2,022,120; Nov. 26.
- Tire cover, Corrugated push down. G. A. Lyon. 1,986,834; Jan. 8.
- Tire cover, Double section. G. A. Lyon. 2,019,716; Nov. 5.
- Tire cover, Multisection. G. A. Lyon. 2,019,715; Nov. 5.
- Tire cover, One piece arcuate. G. A. Lyon. 2,001,969; May 21.
- Tire cover, Shove down molded. G. A. Lyon. 2,001,968; May 21.
- Tire cover side plate. G. A. Lyon. 2,010,099; Aug. 6.
- Tire cover, Spare. G. A. Lyon. 2,021,892; Nov. 26.
- Tire cover, Spare. G. A. Lyon. 2,022,130; Nov. 26.
- Tire cover, Spare. F. R. Rueppel and C. W. Balle. 2,021,385; Nov. 19.
- Tire cover, Unitary. G. A. Lyon. 2,001,967; May 21.
- Tire covering and holding device. G. A. Lyon. 2,022,132; Nov. 26.
- Tire covers and the like, Apparatus for molding and vulcanizing pneumatic. H. Willshaw, T. Norcross, and F. G. Broadbent. 2,000,430; May 7.
- Tire, Elastic. J. V. Martin. 2,016,095; Oct. 1.
- Tire enclosure. E. R. Lawrence. 2,010,270; Aug. 6.
- Tire, facing, stitching, and retreading machine, Used. G. A. Schmidt. 2,009,524; July 30.
- Tire for automotive vehicles, Emergency. E. Schulte. 1,987,494; Jan. 8.
- Tire for rail vehicles. C. F. Hirshfeld. 2,010,668; Aug. 6.
- Tire gauge. A. S. Marchus. 2,012,540; Aug. 27.
- Tire grooving machine. H. F. Scruby. 2,000,300; May 7.
- Tire grooving tool. D. E. Campbell. 2,013,234; Sept. 3.
- Tire inflater, Automatic. O. G. Brewer. 2,015,882; Oct. 1.
- Tire inflater, Automatic. H. C. Crandall. 2,021,646; Nov. 19.
- Tire inflating arrangement. A. C. Mosser and J. F. Merhand. 2,017,158; Oct. 15.
- Tire inflating device. W. N. Smith. 2,021,155; Nov. 19.
- Tire inflator. F. H. Anderberg. 2,001,233; May 14.
- Tire lock. F. A. Smith. 1,991,180; Feb. 12.
- Tire machine. H. C. Bostwick. 2,001,050; May 14.
- Tire mounting machine. O. H. Renfro. 2,000,036; May 7.
- Tire, Pneumatic. E. G. Budd. 2,009,353; July 23.
- Tire, Pneumatic. E. G. Budd. 2,013,130; Sept. 3.
- Tire, Pneumatic. E. S. Ewart and A. W. Bull. 2,006,197; June 25.
- Tire, Pneumatic. W. A. Grieshaber. 2,004,892; June 11.
- Tire, Pneumatic. C. G. Hoover. 2,011,552; Aug. 13.
- Tire, Pneumatic. J. Ledwinka. 1,999,937; Apr. 30.
- Tire, Pneumatic vehicle. R. C. Collins. 2,026,161; Dec. 31.
- Tire pressure control. J. Rockman. 2,012,773; Aug. 27.
- Tire pressure control, Pneumatic. G. H. Krieger. 2,008,455; July 16.
- Tire pressure indicator. J. McClure. 2,008,622; July 16.
- Tire pump, Automobile. V. J. Sams and R. C. McMichael. 1,994,874; Mar. 19.
- Tire, Railway vehicle. J. P. Tarbox. 2,009,349; July 23.
- Tire, Resilient. R. L. Durham. 2,025,159; Dec. 24.
- Tire, Resilient. C. G. Kranz. 1,989,757; Feb. 5.
- Tire retreading and remolding apparatus. J. Flynn. 2,020,023; Nov. 5.
- Tire retreading apparatus. H. L. Shaw. 2,024,888; Dec. 17.
- Tire retreading mold. T. E. Rogers. 2,004,800; June 11.
- Tire rim. W. S. Brink. 1,988,779; Jan. 22.
- Tire rim. F. L. Main. 2,021,240; Nov. 19.
- Tire rim, Automobile. J. E. Bowman. 2,022,337; Nov. 26.
- Tire rim mount. S. I. Prescott. 1,988,509; Jan. 22.
- Tire shaping machine. A. O. Abbott, Jr. 1,986,092; Jan. 1.
- Tire-spreader. W. M. Anderson. 2,005,880; June 25.
- Tire spreader. W. C. Mangel. 2,007,870; July 9.
- Tire tool. O. C. Brown. 2,009,338; July 23.
- Tire tool. F. G. Pike. 1,990,000; Feb. 5.
- Tire tread remover. O. H. Babcock, Jr. 2,001,595; May 14.
- Tire tread splitting apparatus. G. F. Connelly. 2,023,576; Dec. 10.
- Tire valve core. J. Continenza. 2,016,074; Oct. 1.
- Tire valve inside construction, Springless. L. C. Broecker. 1,991,974; Feb. 19.
- Tire valve, Interchangeable. E. Eger. 2,021,295; Nov. 19.
- Tire valve retainer. G. O. Buck. 2,023,306; Dec. 3.
- Tire valve stem and valve, Pneumatic. C. S. Preston. 1,993,227; Mar. 5.
- Tire, Vehicle. A. H. Nellen and F. Leopold, Jr. 2,000,785; May 7.
- Tire, Vehicle. N. Yamaki. 2,006,038; June 25.
- Tire vulcanizing apparatus. C. Iverson. 1,989,363; Jan. 29.
- Tire vulcanizing mold, Automatic. C. E. Maynard. 1,987,908; Jan. 15.
- Tire with internal load rings, Pneumatic. M. R. De Vita. 2,021,500; Nov. 19.
- Tire with metal springs, Tubular rubber. S. Palli. 2,007,724; July 9.
- Tires and other articles, Apparatus for vulcanizing. L. T. Vogt. 2,024,554; Dec. 17.
- Tires, Apparatus for retreading. F. J. Manning. 1,995,892; Mar. 26.
- Tires, Apparatus for the manufacture of pneumatic. H. Willshaw and F. A. Davenport. 2,002,970; May 28.
- Tires, Apparatus for vulcanizing. C. E. Murphy. 1,996,971; Apr. 9.
- Tires, Constructing pneumatic. W. C. State. 2,007,909; July 9.
- Tires, Making. R. H. Ulrich. 1,989,956; Feb. 5.
- Tires, Making pneumatic. H. F. Maranville. 2,010,767; Aug. 6.
- Tires, Retreading. G. Wheatley. 2,014,010; Sept. 10.
- Tissue, Method and instrument for electro-surgical treatment of. R. H. and F. C. Wappler. 2,004,559; June 11.
- Tissue, Photographic dry mounting. A. W. M. Dickens and N. S. Kocher. 2,017,144; Oct. 15.
- Tissue support, Facial. E. C. Battey. 2,001,862; May 21.
- Tissue, Treating living. R. H. Wappler and F. C. Wappler. 2,008,526; July 16.
- Title and fixture display apparatus. N. C. Butler. 2,011,843; Aug. 20.
- Title attachment for cameras. E. E. Keinert, J. W. Kopke, and S. E. Faucett. 1,995,252; Mar. 19.
- Toaster. A. J. Braun. 2,005,253; June 18.
- Toaster. M. Ireland. 2,001,362; May 14.
- Toaster. C. B. Nelson. 2,015,811-12; Oct. 1.
- Toaster. J. R. Skoverski. 2,016,655; Oct. 8.
- Toaster. B. M. Young. 1,997,505; Apr. 9.
- Toaster, Automatic. C. D. Avery. 1,988,230; Jan. 15.
- Toaster, Automatic. A. C. Purpura. 2,009,634; July 30.
- Toaster construction. P. O. Derringer. 2,005,364; June 18.
- Toaster, Electric. B. A. Benson. 1,987,356; Jan. 8.
- Toaster, Electric. J. J. Gouch. 1,996,015; Mar. 26.
- Toaster, Electric. C. P. Randolph. 2,005,635; June 18.
- Toaster, Electric. A. O. Samuels. 2,008,799; July 23.
- Toasting machine. P. R. Simmons. 2,014,595; Sept. 17.
- Tobacco and cigarette paper booklet package, Combined smoking. J. J. Driscoll. 2,011,399; Aug. 13.
- Tobacco and product resulting therefrom, Treating. C. Dunn. 2,007,123; July 2.
- Tobacco and similar materials, Treatment of. G. D. Harris. 2,002,060; May 21.
- Tobacco articles, Production of. G. Davidson. 2,013,202; Sept. 3.
- Tobacco, Blending and conditioning. H. S. Bogaty. 2,016,535; Oct. 8.
- Tobacco can. H. Ehret. 2,006,588; July 2.

- Tobacco cleaning mechanism, Scrap. R. E. Rundell. 2,012,250; Aug. 20.
- Tobacco container. L. D. Sparks and M. J. Levitt. 2,015,199; Sept. 24.
- Tobacco, Cultivating. P. Koenig. 1,997,369; Apr. 9.
- Tobacco cutting device. V. Lorentz. 1,991,757; Feb. 19.
- Tobacco, Denicotinizing. L. M. Lippmann and A. Faltelowitz. 2,000,855; May 7.
- Tobacco feed for cigar machines, Automatic. H. E. Carlson. 2,016,167; Oct. 1.
- Tobacco feeding apparatus for cigarette making machines. R. J. A. Chandler. 2,018,011; Oct. 22.
- Tobacco feeding means for cigarette making machines. W. H. Loudon. 1,998,247; Apr. 16.
- Tobacco flue protector. L. W. Thomas. 2,024,078; Dec. 10.
- Tobacco for insecticidal purposes, Treatment of. R. G. Mewborne. 2,004,124; June 11.
- Tobacco hanger. W. F. Breedlove. 1,992,857; Feb. 26.
- Tobacco leaves, Loosening, mixing and moistening. E. Qvester. 1,993,857; Mar. 12.
- Tobacco leaves, Method and device for separating coherent. V. Lorentz. 2,018,918; Oct. 29.
- Tobacco, Method and apparatus for stringing. J. R. Bass. 1,987,844; Jan. 15.
- Tobacco, Method and device for stripping. A. M. J. van Huystee. 1,999,490; Apr. 30.
- Tobacco pipe. F. P. Ellsworth. 1,988,588; Jan. 22.
- Tobacco pipe. D. B. Kinahan. 1,986,730; Jan. 1.
- Tobacco pipe. D. P. Lavietes. 2,003,373; June 4.
- Tobacco pipe. D. P. Lavietes. 2,020,730; Nov. 12.
- Tobacco pipe. G. R. McAllister. 1,987,407; Jan. 8.
- Tobacco pipe. E. H. McArdle. 2,024,865; Dec. 17.
- Tobacco pipe. C. E. McDonald. 2,020,898; Nov. 12.
- Tobacco pipe. J. C. McMackin. 2,019,017; Oct. 29.
- Tobacco pipe. T. Schellinger. 1,993,019; Mar. 5.
- Tobacco, Prepared smoking. S. S. Sattler. 2,007,407; July 9.
- Tobacco press. J. M. Evans and O. R. Yerington. 2,000,382; May 7.
- Tobacco product. L. O. Lewton. 2,003,690; June 4.
- Tobacco smoking implement. H. R. Segal. 1,997,536; Apr. 9.
- Tobacco spreader for rod cigarette making machines. A. Werner. 1,999,120; Apr. 23.
- Tobacco stemming machine. W. A. Brandt. 1,986,100; Jan. 1.
- Tobacco stemming machine. C. G. Maxwell. 1,986,781; Jan. 1.
- Tobacco stripping machine. L. H. Zeun. 2,007,236; July 9.
- Tobacco, Treating. M. Rosenberg. 1,988,515; Jan. 22.
- Toe gauging device for shoe fitting. E. J. Bliss. 2,018,631; Oct. 22.
- Toe pad. F. A. Smith. 1,996,083; Apr. 2.
- Toe protector. A. W. Hauer. 2,002,662; May 28.
- Toe protector for footwear. C. D. Mason. 1,987,782; Jan. 15.
- Toe stretching mechanism for hosiery inspection devices. E. R. Ammon. 2,023,946; Dec. 10.
- Toggle device. R. C. Jacobs. 2,013,608; Sept. 3.
- Toggle mechanism. J. Sneed. 1,992,449; Feb. 26.
- Toggle press. M. R. Hatch and A. H. Schloz. 1,993,839; Mar. 12.
- Toggle release hook. H. S. Hinchman. 2,024,222; Dec. 17.
- Toggle switch. W. L. Butler. 2,024,273; Dec. 17.
- Toilet. T. Bennett and J. W. Fortenbaugh. 2,011,511; Aug. 13.
- Toilet articles, Means pertaining to. O. Kapanin. 2,017,538; Oct. 15.
- Toilet-bowl ventilator. R. E. Fairchild. 2,023,127; Dec. 3.
- Toilet chair, Infant's reclining. M. A. and M. P. E. Copeland. 2,009,605; July 30.
- Tone control for radios. L. F. Curtis. 2,026,495; Dec. 31.
- Toilet fitting, Wall-hung. W. P. McArthur. 2,015,349; Sept. 24.
- Toilet flush. L. W. Stevens. 2,021,813; Nov. 19.
- Toilet flushing device. C. E. Mace. 1,995,358; Mar. 26.
- Toilet paper holder. E. A. Dodelin. 2,025,732; Dec. 31.
- Toilet paper holder. G. E. Noffsinger. 1,987,154; Jan. 8.
- Toilet seat. G. W. Carlson. 2,018,704; Oct. 29.
- Toilet seat. H. F. Craig. 2,011,038; Aug. 13.
- Toilet seat, Child's. G. H. Clark. 2,016,542; Oct. 8.
- Toilet seat cover. E. Brooke, Jr. 1,996,950; Apr. 9.
- Toilet seat cover. M. Joyce. 1,990,869; Feb. 12.
- Toilet seat cover. E. Lichtenstein. 2,000,566; May 7.
- Toilet seat cover. J. Moore. 1,994,285; Mar. 12.
- Toilet seat hinge. J. Uffen. 2,004,023; June 4.
- Toilet seat lifter. L. D. Svedelius. 1,999,070; Apr. 23.
- Toilet seat pack and container. J. C. Thomasma. 1,995,158; Mar. 19.
- Toilet set. W. Fess. 2,014,616; Sept. 17.
- Toilet silencer pad. B. Winding. 2,016,412; Oct. 8.
- Toilet structure for bathrooms or the like. L. E. Bagwell. 2,009,756; July 30.
- Token receiving device. R. J. Ardill. 1,995,493; Mar. 26.
- Toluidine bases, Treatment of. W. H. Bentley and B. Catlow. 2,009,757; July 30.
- Tomato products, Apparatus for producing. O. Gillatt. 1,989,231; Jan. 29.
- Tomatoes, Loosening the skins of. F. P. Ryder. 1,992,398; Feb. 26.
- Tone control. J. K. Johnson. 2,018,526; Oct. 22.
- Tone control system. R. A. Bierwirth. 1,997,762; Apr. 16.
- Tone of a radio set, Controlling the. L. F. Willging. 2,024,321; Dec. 17.
- Tong, Welding. J. Villars. 1,989,901; Feb. 5.
- Tongs. H. Alberg. 2,016,356; Oct. 8.
- Tongs. J. W. Callahan. 2,020,823; Nov. 12.
- Tongs, Clinker. J. R. Mecuda. 2,012,345; Aug. 27.
- Tongs, Plunger operated. O. Ohlson. 2,014,693; Sept. 17.
- Tongs, Stunning. R. W. Regensburger. 2,002,755; May 28.
- Tool: See—
- Abrading tool.
- Abrading tool.
- Air-method cleaning and dusting tool.
- Air-method cleaning tool.
- Automatic machine tool.
- Automobile tool.
- Automobile repair tool.
- Battery terminal tool.
- Battery tool.
- Bending tool.
- Bibb seating tool.
- Boring tool.
- Box strapping tool.
- Brake drum refinishing tool.
- Brake shoe adjusting tool.
- Brake tool.
- Broaching tool.
- Buffing tool.
- Bundling tool.
- Camper's tool.
- Can closing tool.
- Cap bail reshaping tool.
- Carpenter's tool.
- Chipping and cutting tool.
- Clamping tool.
- Cleaner floor tool.
- Cleaning tool.
- Combination tool.
- Compound tool.
- Covering tool.
- Curtain stretcher tool.
- Cutting tool.
- Cylinder grinding tool.
- Cylinder reconditioning tool.
- Dental tool.
- Dressing tool.
- Drilling tool.
- Duplicating tool.
- Earth boring tool.
- Edging tool.
- Electric cell testing tool.
- Electric small tool.
- Electrical tool.
- Electrically heated tool.
- Engraving tool.
- Excavating tool.
- Expansible honing tool.
- Explosive operated tool.
- Faucet reconditioning tool.
- Fence tool.
- Ferrule contracting tool.
- Fertilizing tool.
- Finishing tool.
- Fishing tool.
- Flexible tool.
- Fluid actuated tool.
- Forming tool.
- Fruit bar tool.
- Fruit picking tool.
- Furniture dusting tool.
- Garden tool.
- Garden and lawn tool.
- Gauging tool.
- Gear shaping tool.
- Glass breaker tool.
- Glass replacement tool.
- Glazier's tool.
- Grinding tool.
- Hand tool.
- Heating tool.
- Honing tool.
- Household tool.
- Hydraulic machine tool.
- Impact tool.
- Internal combustion tool.
- Jarring tool.
- Lawn edging tool.
- Loading tool.
- Machine tool.
- Marking and puncturing tool.
- Measuring and puncturing tool.
- Metal cutting tool.
- Metal working tool.
- Oil well tool.
- Packer and setting tool.
- Pack-off tool.
- Pattern maker's tool.
- Percussive tool.
- Pipe truing tool.
- Pneumatic tool.
- Pocket tool.
- Portable crimping tool.
- Portable tool.
- Power tool.
- Power-driven tool.
- Prospecting tool.
- Pruning tool.
- Reaming tool.
- Riveting tool.
- Rod cutting tool.
- Root watering tool.
- Rotary abrading tool.
- Rotary cross cut tool.
- Rotary hammer tool.
- Rug cleaning tool.
- Screwthread cutting tool.
- Screw thread repairing tool.
- Screw-threading tool.
- Scribing tool.
- Setting tool.
- Sharpening tool.
- Shoe lengthening tool.
- Shoe plate tool.
- Sidetracking tool.
- Smoker's tool.
- Sod edging tool.
- Soldering tool.
- Stretching tool.
- Stripping tool.
- Swivel head tool.
- Tamper and like impact tool.
- Terminal cleaning tool.
- Tire changing tool.
- Tire grooving tool.
- Tire tool.
- Track tool.
- Tree scarifying tool.
- Tube flaring tool.
- Tumbler trimming tool.
- Turret machine tool.
- Valve grinder dressing tool.
- Valve grinding tool.
- Valve reseating tool.
- Valve-seat facing tool.
- Valve seat resurfacing tool.
- Valve seat ring securing tool.
- Valve tool.
- Welding tool.
- Well bore deflecting tool.
- Well drilling tool.
- Well tool.
- Wheel-mounting tool.
- Wire and sleeve connector tool.
- Wire connector tool.
- Wire crimping tool.
- Wood boring tool.
- Wire gripping tool.
- Tool. W. A. Bangel. 1,992,596; Feb. 26.
- Tool. E. A. Bardwell. 2,024,136; Dec. 17.
- Tool. J. Baumgarten. 2,015,613; Sept. 24.
- Tool. C. O. Carlson. 2,017,039; Oct. 15.
- Tool. C. L. Erickson, H. G. Lambert, and W. A. Patscheid. 2,011,622; Aug. 20.
- Tool. H. Hartl. 1,988,840; Jan. 22.
- Tool. R. W. Hays. 2,015,109; Sept. 24.
- Tool. A. W. Johns, C. O. Thrasher, S. R. Earl, and J. Pechacek. 2,012,312; Aug. 27.
- Tool. N. F. Miller. 2,013,574; Sept. 3.
- Tool. D. A. Munn. 2,005,723; June 25.
- Tool. A. N. Smith. 1,992,511; Feb. 26.
- Tool. J. A. Taylor. 1,991,778; Feb. 19.
- Tool. A. Wallace. 2,003,061; May 28.
- Tool. L. Weinstein. 2,008,890; July 23.

- Tool and accessory container. P. O. Wood. 2,005,285; June 18.
- Tool and attachment, Machine. E. J. Kearney and J. B. Armitage. 1,994,221; Mar. 12.
- Tool and attachments therefor, Machine. H. A. Eklind. 1,991,500; Feb. 19.
- Tool and hydraulic actuating mechanism therefor, Machine. D. H. West and K. C. Monroe. 2,000,805; May 7.
- Tool and making the same. K. Schröter and H. Wolff. 2,019,934; Nov. 5.
- Tool and the production thereof, Cutting, grinding, and burnishing. A. E. Johnston. 2,020,117; Nov. 5.
- Tool apparatus, Machine. W. L. Schellenbach. 2,012,083; Aug. 20.
- Tool assembly, Automatic machine. R. F. Sanchez and B. M. Zullo. 2,005,563; June 18.
- Tool attachment. H. M. Hodge. 2,017,247; Oct. 15.
- Tool attachment. A. Scott. 2,004,083; June 4.
- Tool carrier attachment, Multiple. M. J. Schlitters. 2,014,510; Sept. 17.
- Tool clamping and ejecting device. F. Turrettini. 2,026,448; Dec. 31.
- Tool construction, Machine. R. H. McClellan, G. Langen, and B. B. Quillen. 1,986,006; Jan. 1.
- Tool construction, Well. J. C. Wright and J. B. Ragsdale. 2,012,294; Aug. 27.
- Tool container and cutting block. C. T. Hofmeister. 1,998,720; Apr. 23.
- Tool coupling for sheet metal work. L. L. Charnicky. 1,987,465; Jan. 8.
- Tool device, Rotary. C. Desoutter. 2,024,276; Dec. 17.
- Tool driving mechanism. E. J. Lees. 1,991,754; Feb. 19.
- Tool for air-method cleaning systems, Double faced floor. D. B. Replogle and H. E. Queen. 1,994,872; Mar. 19.
- Tool for air-method cleaning systems, Dusting. D. B. Replogle. 1,994,873; Mar. 19.
- Tool for air method cleaning systems, Floor. D. B. Replogle and H. E. Queen. 2,012,287; Aug. 27.
- Tool for air-method cleaning systems, Floor. D. B. Replogle and H. E. Queen. 2,017,770; Oct. 15.
- Tool for applying coating. W. B. Thompson. 2,018,819; Oct. 29.
- Tool for applying fastener elements. C. O. Carlson. 1,986,711; Jan. 1.
- Tool for applying tie wires. J. L. Dickinson. 1,990,583; Feb. 12.
- Tool for boring wells, Combined widening and guiding. G. Gliwitski. 1,987,291; Jan. 8.
- Tool for counterboring or spot facing. A. B. Dettmer. 2,009,168; July 23.
- Tool for cutting surfaces of revolution. L. A. Alexander. 1,988,770; Jan. 22.
- Tool for dies, Forming and milling. W. J. Hogg. 2,018,523; Oct. 22.
- Tool for drilling polygonal holes. R. Bartholomäus. 1,992,346; Feb. 26.
- Tool for expanding and contracting pipe clamping collars. D. E. Hammon. 1,991,150; Feb. 12.
- Tool for extracting tie-rods from cast concrete. S. S. Colt. 2,022,648; Dec. 3.
- Tool for grinding valves. L. O. Beard. 1,999,922; Apr. 30.
- Tool for inserting valve lock washers or keepers. S. Kyser. 2,002,016; May 21.
- Tool for making cartridge shells. L. A. Guignet. 2,003,438; June 4.
- Tool for making dynamo electric machine elements. V. G. Apple. 2,002,562; May 28.
- Tool for metal tape, Forming. J. B. McCorkle. 1,991,328; Feb. 12.
- Tool for pipe grates, Actuating. A. M. Bach. 1,998,698; Apr. 23.
- Tool for preparing laminated fabrics for splicing. O. F. Homeier. 2,004,517; June 11.
- Tool for preparing meat. T. E. Stark. 1,993,689; Mar. 5.
- Tool for producing a change of form in sheet metal. H. Junkers. 2,010,996; Aug. 13.
- Tool for removing bearings. R. G. Smith. 1,990,570; Feb. 12.
- Tool for removing jar caps. F. M. Hargreaves. 2,013,209; Sept. 3.
- Tool for removing sludge or the like. B. Thurley. 2,019,372; Oct. 29.
- Tool for reservicing springs equipped with spring-covers. W. F. Eisenhauer. 2,003,708; June 4.
- Tool for reservicing springs equipped with spring-covers. W. F. Eisenhauer and W. T. Fergusch. 2,003,709; June 4.
- Tool for rotating screws and other objects. N. W. J. Walsh. 2,010,616; Aug. 6.
- Tool for seating rail anchors. J. F. Reilly. 2,017,918; Oct. 22.
- Tool for spark plugs, Gauging. M. D. Fitzgerald. 1,990,430; Feb. 5.
- Tool for transplanting. J. M. Council. 2,014,311; Sept. 10.
- Tool for treating tobacco plants. C. E., J. W., W. E., and J. H. McGary. 1,987,368; Jan. 8.
- Tool for use in repairing chains. E. Cetrano. 1,994,270; Mar. 12.
- Tool for wells, Enlarging. J. H. Janssen. 2,008,583; July 16.
- Tool for working concrete and the like. G. B. Pickop. 2,020,374; Nov. 12.
- Tool grinding machine. P. T. Lennon. 2,017,465; Oct. 15.
- Tool handle. A. R. Havener. 1,993,170; Mar. 5.
- Tool handle. I. C. Klingler. 1,994,522; Mar. 19.
- Tool handle. J. McMenamin. 2,018,376; Oct. 22.
- Tool handle. L. D. Miller. 2,012,792; Aug. 27.
- Tool handle. J. L. Osgood. 2,007,834; July 9.
- Tool handle. J. Santora. 2,010,202; Aug. 6.
- Tool having fluid pressure feeds, Machine. A. G. and R. N. Walls. 1,991,915; Feb. 19.
- Tool head. C. Bouillon. 1,986,997; Jan. 8.
- Tool head, Boring and facing. C. B. Cole and O. L. Lewis. 1,998,893; Apr. 23.
- Tool head, Counterpoised detachable. L. L. Schauer and J. B. Kincaid. 1,999,197; Apr. 30.
- Tool holder. J. Denz. 1,987,504; Jan. 8.
- Tool holder. W. Knapp. 2,022,288-9; Nov. 26.
- Tool holder. A. Ventura. 1,994,546; Mar. 19.
- Tool holder. E. A. Zempel. 2,017,332; Oct. 15.
- Tool holder for two-way planing. G. Brunner. 2,015,919; Oct. 1.
- Tool joint. I. C. Harris. 1,993,740; Mar. 12.
- Tool joint pipe thread, Interrupted. I. H. Bettis. 1,993,257; Mar. 5.
- Tool machine, Opposed reciprocatory. H. M. Johnston. 2,005,319; June 18.
- Tool, Making a dusting. D. B. Replogle. 1,995,282; Mar. 19.
- Tool, Making an abrasive. G. F. Taylor. 2,014,955; Sept. 17.
- Tool or nozzle for air-method cleaners, Floor. D. B. Replogle. 1,994,870; Mar. 19.
- Tool rack. E. R. Eichner. 2,016,421; Oct. 8.
- Tool relief mechanism. T. B. Buell. 2,002,933; May 28.
- Tool retainer. J. C. Curtis. 1,993,502; Mar. 5.
- Tool setting gauge. C. C. Reis. 2,000,789; May 7.
- Tool setting gauge. W. D. Schmidt. 2,000,476; May 7.
- Tool sharpening device. R. Maze. 2,012,513; Aug. 27.
- Tool slide assembly. G. F. Yager. 1,988,228; Jan. 15.
- Tool slideway and making the same, Machine. W. W. Potter. 2,014,667; Sept. 17.
- Tool structure, Machine. L. F. Nenninger and W. Peaslee. 2,010,557; Aug. 6.
- Tool support. R. J. Meyer. 2,011,867; Aug. 20.
- Tool support, Boring bar. H. Berg. 2,021,349; Nov. 19.
- Tool transmission and control, Machine. W. K. Andrew and J. B. Armitage. 2,002,728; May 28.
- Tool transmission and control, Machine. F. A. Parsons. 1,994,253; Mar. 12.
- Tool transmission and control, Machine. F. A. Parsons. 2,026,247; Dec. 31.
- Tool transmission, Machine. E. J. Kearney. 2,008,983; July 23.
- Tool unit with differential feed, Universal type machine. E. J. Kingsbury. 2,011,000; Aug. 13.
- Tool valve, Percussive. H. J. Schorle and W. A. Smith, Jr. 2,018,096; Oct. 22.
- Tool with automatically operable feeding mechanism, Machine. E. J. Kingsbury. 1,987,511; Jan. 8.
- Tool with rotary tool, Machine. H. Lindner. 1,991,285; Feb. 12.
- Tools and the like, Device for setting and protecting diamond-edged. W. Winter. 2,006,854; July 2.
- Tools and the like from sintered hard-metal carbides or like materials, Making. K. M. Tigerschild and G. Sterky. 1,996,220; Apr. 2.
- Tools, Attachment for machine. W. G. Hoelscher and A. E. Robinson. 2,018,363; Oct. 22.
- Tools, glass polishing. F. B. Waldron. 2,019,204; Oct. 29.
- Tools, Head slide for automatic machine. H. W. Ruppel. 2,001,586; May 14.
- Tools, Making valve seat. F. O. Albertson. 2,003,570; June 4.
- Tools, Preparing abrasive or polishing. H. P. Mills. 2,008,723; July 23.
- Tools, Treatment of abrasive. G. White. 2,022,530; Nov. 26.
- Tools, Work feeding mechanism for machine. E. R. Smith and W. J. Pearson. 1,993,754; Mar. 12.
- Tools, Work piece guide for machine. K. Tessky. 2,002,282; May 21.
- Tooth, Artificial. H. Schröder and R. Nussbaum. 1,987,712; Jan. 15.
- Tooth, Artificial. C. C. Reeves. 2,025,773; Dec. 31.
- Tooth, Artificial. E. M. Worhol. 1,986,175; Jan. 1.
- Tooth band. C. E. Boyd and S. Richardson. 2,007,517; July 9.
- Tooth base for excavating buckets. R. S. Weimer. 1,989,776; Feb. 5.
- Toothbrush. L. W. Campbell and W. P. Watson. 2,003,243; May 28.
- Toothbrush. E. Doll. 2,005,337; June 18.
- Toothbrush. F. M. Jahn. 2,017,660; Oct. 15.
- Toothbrush. F. A. Jones. 2,002,320; May 21.
- Toothbrush. E. J. McWhirter. 2,016,153; Oct. 1.
- Toothbrush and paste container, Combined. R. Jecker. 1,988,557; Jan. 22.
- Tooth brush and tumbler holder. H. A. Steuernagel. 1,993,460; Mar. 5.
- Toothbrush, Dentifrice holding. J. D. Young. 1,995,374; Mar. 26.
- Toothbrush, Fountain. R. J. Violette. 2,018,158; Oct. 22.
- Toothbrush holder. A. H. Amdur. 1,992,564; Feb. 26.
- Toothbrush holder. C. Ehrlich. 1,995,972; Mar. 26.
- Toothbrush holder. R. Kirmss. 2,024,692; Dec. 17.

- Tooth brush holder. C. W. La Posea. 2,012,685; Aug. 27.
 Toothbrush, Motor driven. F. M. Van Fleet. 1,997,352; Apr. 9.
 Toothbrush paste feeder, Automatic. H. A. Appel and E. Le Blanc. 2,000,910; May 14.
 Toothbrush, Rubber finger stall. R. G. Stevens. 2,018,903; Oct. 29.
 Toothbrushes, Attachment for. H. A. Green. 1,993,662; Mar. 5.
 Tooth cleaning and gum stimulating device. M. L. Drake. 2,016,597; Oct. 8.
 Tooth cleanser. F. H. Grant. 2,008,206; July 16.
 Tooth for excavating machines. R. S. Weimer. 1,989,123; Jan. 29.
 Tooth paste dispenser. E. E. Chandler. 1,995,023; Mar. 19.
 Tooth paste tube, Self-sealing. E. A. Jaen. 2,009,552; July 30.
 Toothpick dispenser. J. D'Agustino. 2,004,805; June 11.
 Tooth powder container. W. F. Punte. 2,026,433; Dec. 31.
 Tooth powder dispenser. H. B. Seeley. 2,003,093; May 28.
 Tooth powder dispenser. B. Wandel. 1,989,575; Jan. 29.
 Tooth structure, Artificial. E. J. Wells. 2,023,654; Dec. 10.
 Top. B. A. Canter. 2,008,851; July 23.
 Top brush setting or adjusting and retaining mechanism. A. R. Lofstrand, Jr. 2,019,423; Oct. 29.
 Top, Collapsible. J. C. Miller. 2,011,723; Aug. 20.
 Top construction, Disappearing. C. E. Smith. 1,996,595; Apr. 2.
 Top, Container. R. W. Wilson. 2,025,188; Dec. 24.
 Top cylinder lubricant. E. B. Beale. 1,990,365; Feb. 5.
 Top for a container, Dispensing. C. A. S. Frank. 2,013,514; Sept. 3.
 Top for cigarette tins, Ornamental. L. W. Rice. 1,987,795; Jan. 15.
 Top for percolators and the like. E. P. Seghers. 2,002,354; May 21.
 Top lift attachment. J. F. Fitzsimmons. 1,995,058; Mar. 19.
 Top lift attachment. F. Maccarone. 2,006,401; July 2.
 Top lift, Removable. R. P. Grant. 1,998,012; Apr. 16.
 Top lifts of heels, Method of and apparatus for trimming. N. H. Knowlton. 2,022,772; Dec. 3.
 Top, Musical. P. Amell. 2,015,649; Oct. 1.
 Top or cap for containers, Measuring. J. K. Moser. 1,986,741; Jan. 1.
 Top, Spinning. L. Jimerson. 2,010,156; Aug. 6.
 Top, Spinning. E. S. Savage. 2,018,537; Oct. 22.
 Tops of bottles and jars, Device for opening. E. O. Loeber. 2,015,565; Sept. 24.
 Torch. L. V. Aronson. 2,019,382; Oct. 29.
 Torch. A. J. and I. F. Fausek. 2,026,028; Dec. 31.
 Torch. F. W. Funke. 2,017,454; Oct. 15.
 Torch. G. G. Spencer. 1,989,468; Jan. 29.
 Torch. F. R. Sunderman. 1,991,638; Feb. 19.
 Torch. G. L. Walker. 2,008,232; July 16.
 Torch burner. F. B. Embury and A. J. Perkins. 2,014,130; Sept. 10.
 Torch, Cutting. A. J. and I. F. Fausek. 1,996,991; Apr. 9.
 Torch cutting or welding apparatus. J. L. Anderson. 2,000,007; May 7.
 Torch, High temperature. A. Rava. 2,011,872; Aug. 20.
 Torch, High temperature. A. Rava. 2,011,873; Aug. 20.
 Torch, Road. H. J. Sauer. 1,991,773; Feb. 19.
 Torpedo and method for shooting oil wells. A. E. Ellis. 2,023,831; Dec. 10.
 Torpedo or the like. H. H. Driggs. 1,998,805; Apr. 23.
 Torpedo, Railroad. A. Cimorosi. 2,006,537; July 2.
 Torpedo wake reducing device. J. Konstantinoff. 2,020,788; Nov. 12.
 Torque-measuring device. B. F. Jenkins. 2,004,950; June 18.
 Torque-measuring wrench. J. H. Sharp. 2,007,880; July 9.
 Torque-multiplying apparatus, Hydraulic. A. G. Rayburn. 2,009,906; July 30.
 Torque operated mechanism. G. Tremolada. 1,996,312; Apr. 2.
 Torque transmission device. R. V. Derrah. 2,003,825; June 4.
 Torque transmitting apparatus. O. R. Skelton. 1,987,716; Jan. 15.
 Torque transmitting apparatus, Hydraulic. T. W. Paterson. 1,995,646; Mar. 26.
 Torque transmitting mechanism. E. A. Wales. 2,016,305; Oct. 8.
 Torque transmitting member and producing the same. H. L. Waisner. 1,998,108; Apr. 16.
 Toroidal race and roller transmission mechanism. J. Ehrlich and J. O. Almen. 2,014,928; Sept. 17.
 Torsional reactance dampener. F. W. Sampson. 1,991,579; Feb. 19.
 Torsionally resilient coupling. G. Fast. 2,021,718; Nov. 19.
 Totalizator. F. Limb. 2,007,402; July 9.
 Tote box. H. T. Hollowell. 2,020,179; Nov. 5.
 Toughness or resistance to breakage of abrasive bodies by impact, Apparatus for determining. R. L. Melton and J. Fitzpatrick. 2,003,863; June 4.
 Tourniquet. H. L. Chenery. 2,017,948; Oct. 22.
 Tow line. C. A. Persons. 2,011,233; Aug. 13.
 Towing device. W. Kunze. 2,009,451; July 30.
 Towel apparatus and laundering the same. J. N. Borroughs. 2,020,170; Nov. 5.
 Towel, Back rubbing. W. A. Scheidler. 1,990,568; Feb. 12.
 Towel bib, Disposable. C. E. Deuel and C. A. Loomans. 2,016,079; Oct. 1.
 Towel book support. A. I. Hondeville. 2,017,248; Oct. 15.
 Towel dispenser. R. D. Hawley. 1,988,732; Jan. 22.
 Towel dispensing apparatus. A. C. Grunwald. 1,993,882; Mar. 12.
 Towel dispensing apparatus. J. A. Hunkele. 1,990,326; Feb. 5.
 Towel folding and wrapping. J. P. Remington. 1,987,211; Jan. 8.
 Towel holder, Washing, spraying, and drying. E. E. Thrasher and G. L. Carder. 1,996,531; Apr. 2.
 Towel, Paper. C. P. Winter. 2,009,464; July 30.
 Towel rack. C. Bradway. 2,013,907; Sept. 10.
 Towel rack. A. Soper. 2,024,892; Dec. 17.
 Towel stacker. F. J. Couch. 2,019,560; Nov. 5.
 Towel supply device. R. de Bersaques. 1,988,266; Jan. 15.
 Towel, Terry. W. Holt. 2,012,719; Aug. 27.
 Toweling, Paper. L. M. Harvey. 2,023,357; Dec. 3.
 Tower, Atmospheric water-cooling. W. R. Eckart. 1,999,501; Apr. 30.
 Tower, Cooling. S. W. Kryszewski and E. L. Cahoon. 2,002,065; May 21.
 Tower, Cooling. H. N. Wade. 1,986,653; Jan. 1.
 Tower, Forced draft multiple fan cooling. L. T. Mart. 2,003,547; June 4.
 Tower, Fractionating. L. de Florez. 2,006,986; July 2.
 Tower, Fractionating. J. H. Erter. 2,007,525; July 9.
 Toy. C. J. Bacon. 1,987,983; Jan. 15.
 Toy. A. M. Barrett. 1,989,732; Feb. 5.
 Toy. J. E. Brubaker. 1,991,654; Feb. 19.
 Toy. M. Cheetham. 1,998,270; Apr. 16.
 Toy. E. R. Gulden. 1,997,461; Apr. 9.
 Toy. Y. Hirose. 2,003,193; May 28.
 Toy. W. E. Hopkins. 2,003,748; June 4.
 Toy. F. D. James. 2,009,319; July 23.
 Toy. O. T. Jensen. 2,000,332; May 7.
 Toy. J. Kushner. 2,006,274; June 25.
 Toy. A. Lawrence. 2,011,977; Aug. 20.
 Toy. J. J. Levin. 1,994,481; Mar. 19.
 Toy. F. L. Lindstrom. 2,024,590; Dec. 17.
 Toy. K. Matsumoto. 1,990,793; Feb. 12.
 Toy. E. R. Rabel. 2,020,079; Nov. 5.
 Toy. H. F. Riopelle. 2,009,858; July 30.
 Toy. C. Schwedhelm. 2,013,843; Sept. 10.
 Toy. A. Smith. 2,013,114; Sept. 3.
 Toy. F. V. Williams. 2,000,808; May 7.
 Toy, Aerial. I. C. Dickover. 2,023,124; Dec. 3.
 Toy, Aerial. J. M. Sarsfield. 1,994,202; Mar. 12.
 Toy aeroplane. E. Marcus. 2,005,842; June 25.
 Toy airplane. H. Burkhard. 2,004,235; June 11.
 Toy airplane. L. I. Fincke. 2,012,424; Aug. 27.
 Toy airplane. B. A. Petrofske. 2,018,415; Oct. 22.
 Toy airplane projector gun. M. Vido. 2,017,778; Oct. 15.
 Toy and exerciser, Vehicular. R. Laborda. 2,017,213; Oct. 15.
 Toy and like device with rocking and rolling movement. M. F. Heaney. 1,992,070; Feb. 19.
 Toy and savings bank, Combined. J. J. Neitz and J. F. Svoboda. 2,007,831; July 9.
 Toy animal, doll, puppet, and the like. C. J. Rendle. 2,017,023; Oct. 8.
 Toy, Animated. M. Beerline. 2,001,482; May 14.
 Toy, Animated. R. B. Stewart. 1,997,127; Apr. 9.
 Toy, Animated figure. O. Erickson. 2,015,009; Sept. 17.
 Toy autogiro. L. G. Flischer. 2,012,600; Aug. 27.
 Toy automobile. C. A. Brethen. 1,987,463; Jan. 8.
 Toy balloon. C. T. Turner. 1,994,842; Mar. 19.
 Toy balloon and souvenir, Combined. B. M. Robbins. 2,025,475; Dec. 24.
 Toy balloon tire wheel. F. J. Merz, Jr. and C. B. Merry. 1,997,115; Apr. 9.
 Toy block. T. H. Miller. 2,020,562; Nov. 12.
 Toy boat. P. Jones, Jr., and H. L. Harman. 1,993,670; Mar. 5.
 Toy building block set. A. J. Westveer. 2,024,899; Dec. 17.
 Toy building set. J. B. Forbes. 2,012,160; Aug. 20.
 Toy car coupler. L. H. Hoffer and H. S. Holmes. 1,989,804; Feb. 5.
 Toy catapult. L. R. Parrish. 2,026,188; Dec. 31.
 Toy catapult. G. Virneburg. 2,026,199; Dec. 31.
 Toy, Climbing and diving. L. L. Mallard. 2,013,568; Sept. 3.
 Toy, Construction. C. Bierbach. 2,014,464; Sept. 17.
 Toy construction set. W. L. Wade. 2,022,261; Nov. 26.
 Toy, Constructional. A. C. Gilbert and J. E. McLoughlin. 1,996,722; Apr. 2.
 Toy, Cut-out standing. A. Burns. 2,007,791; July 9.
 Toy design or figure forming set. W. M. Barnett. 2,023,300; Dec. 3.
 Toy electric locomotive. L. W. Rosenthal and A. and F. R. Frederick. 1,988,089; Jan. 15.
 Toy electric railway apparatus. F. W. Hebre. 1,986,635; Jan. 1.
 Toy, Electrically lighted. A. N. Smith. 2,002,358; May 21.
 Toy, Electrostatic flying. H. H. Weil. 2,018,585; Oct. 22.

- Toy, Fighting. A. D. Fairgrieve. 2,002,026; May 21.
 Toy, Figure. J. G. Baker. 2,021,588; Nov. 19.
 Toy, Figure. J. G. Baker. 2,024,135; Dec. 17.
 Toy, Figure. K. Fukumoto. 1,987,528; Jan. 8.
 Toy, Figure. L. H. Latta. 2,022,047; Nov. 26.
 Toy, Figure. L. L. Thomas. 2,020,811; Nov. 12.
 Toy, Figure. A. Weinberg. 2,019,516; Nov. 5.
 Toy fishing outfit. J. K. Reel. 2,005,803; June 25.
 Toy gun. F. Hagen. 2,021,776; Nov. 19.
 Toy gun. C. F. Lefever. 2,006,741; July 2.
 Toy gun. R. R. McKenzie and E. E. Stoffer. 1,995,682; Mar. 26.
 Toy gun. M. Reed. 2,008,595; July 16.
 Toy gun, Repeating. C. H. Leonard. 2,004,531; June 11.
 Toy, Hand operated. H. Biller. 2,012,946; Sept. 3.
 Toy house. F. Mallerat. 2,020,196; Nov. 5.
 Toy, Hunting-simulating. L. H. Pangborn. 2,007,061; July 2.
 Toy, Illuminating. L. S. Bigelow. 1,997,446; Apr. 9.
 Toy locomotive. M. Caruso. 1,994,064; Mar. 12.
 Toy locomotive construction. E. D. Boisselier. 1,997,922; Apr. 16.
 Toy looping wheel. O. Marten. 2,001,205; May 14.
 Toy magnet crane. H. W. Sauer. 2,020,802-3; Nov. 12.
 Toy, Mechanical. S. I. Berger. 2,007,362; July 9.
 Toy, Mechanical. K. Boissoneau. 2,006,881; July 2.
 Toy, Mechanical. K. E. Boissoneau. 2,013,709; Sept. 10.
 Toy, Mechanical. S. L. Long. 2,022,861; Dec. 3.
 Toy, Mechanical. L. J. Pellerin. 1,988,396; Jan. 15.
 Toy, Mechanical. J. Vass. 1,996,600; Apr. 2.
 Toy mechanism, Flying. W. Kroelling. 2,001,496; May 14.
 Toy motion-picture projection machine. I. E. Cohn and W. E. Tait. 2,012,444-5; Aug. 27.
 Toy movie apparatus. N. Feinen. 1,994,340; Mar. 12.
 Toy movie theater and carton combined. G. L. Young. 1,995,463; Mar. 26.
 Toy moving-picture camera. W. F. Skinner. 1,986,541; Jan. 1.
 Toy, Musical. R. G. Krueger. 1,994,954; Mar. 19.
 Toy, "Nides" twin. L. S. Bautista. 2,002,685; May 28.
 Toy or the like. M. von F. Kalfur. 2,008,453; July 16.
 Toy pistol. E. H. Bergstrom. 2,001,449; May 14.
 Toy pistol. J. E. Brubaker. 1,993,918; Mar. 12.
 Toy pistol. S. J. Katz. 2,016,548; Oct. 8.
 Toy projector. L. J. Schindler. 1,992,776; Feb. 26.
 Toy propeller and top. O. H. Bennett. 2,012,750; Aug. 27.
 Toy railroad. M. Harris. 2,008,390; July 16.
 Toy railway. G. Einfalt. 1,997,512; Apr. 9.
 Toy railway apparatus. L. W. Rosenthal. 1,987,271; Jan. 8.
 Toy, Riding. C. E. Thompson. 2,006,420; July 2.
 Toy, Rotating. A. Stern. 2,022,390; Nov. 26.
 Toy, Scraper. J. M. Pierce. 2,021,429; Nov. 19.
 Toy, Self propelled. J. L. Bonanno. 2,006,156; June 25.
 Toy shuttlecock. J. A. Brown. 2,009,759; July 30.
 Toy, Sounding. A. T. Linney. 2,004,817; June 11.
 Toy, Spinning. A. Yessanian. 1,989,256; Jan. 29.
 Toy steam engine. B. H. Smith. 2,015,438; Sept. 24.
 Toy stream lined railroad train. E. E. McKeige. 2,019,690; Nov. 5.
 Toy telephone. H. D. Allen. 1,999,001; Apr. 23.
 Toy telephone. J. H. Conklin. 1,996,642; Apr. 2.
 Toy transportation system. J. J. Clark. 2,004,915; June 11.
 Toy typewriter. E. D. Boisselier. 1,989,785; Feb. 5.
 Toy vehicle. C. C. Blackmore. 2,012,079; Aug. 20.
 Toy vehicle. C. C. Blackmore. 2,022,179; Nov. 26.
 Toy vehicle. J. L. Cowen. 2,023,516; Dec. 10.
 Toy vehicle. F. J. Goriup. 2,012,343; Aug. 27.
 Toy, Vehicle. J. W. K. Hennepner. 2,016,782; Oct. 8.
 Toy vehicle. B. F. Stannard. 2,015,974; Oct. 1.
 Toy vehicle. J. C. Turner. 2,006,423; July 2.
 Toy vehicle. S. Urytzky. 2,021,531; Nov. 19.
 Toy vehicle for children. C. P. Hansen. 1,992,698; Feb. 26.
 Toy wagon. A. C. Korte. 2,026,235; Dec. 31.
 Toy, Walking. J. and D. J. Davis. 2,001,013; May 14.
 Toy washing machine. F. J. Goriup. 2,001,822; May 21.
 Toy, Wheeled. J. L. Bonanno. 2,019,651; Nov. 5.
 Toy, Wheeled. H. Müller. 2,001,625; May 14.
 Toy, Wheeled. N. H. Nelson. 1,995,155; Mar. 19.
 Toy with device for firing projectiles or rockets whilst floating. C. Arno'd. 1,990,160; Feb. 5.
 Toys and other articles from cardboard. Cutting and forming the parts of. F. Anderson. 1,999,314; Apr. 30.
 Tracer. J. C. and R. D. Shaw. 2,007,899; July 9.
 Tracer, Universal. E. L. Wall. 1,997,890; Apr. 16.
 Tracing cloth and making the same. K. Murck. 1,988,914; Jan. 22.
 Tracing device. J. L. Anderson. 1,999,853; Apr. 30.
 Tracing device. J. L. Anderson. 1,999,855; Apr. 30.
 Track. E. Bretschneider. 2,002,881; May 28.
 Track adjustment for track type tractors. N. O. Panzergau and W. C. Rosenthal. 2,017,729; Oct. 15.
 Track assembly. W. K. McMillan. 2,005,436; June 18.
 Track circuit apparatus. Railway. R. M. Gilson. 1,990,543; Feb. 12.
 Track circuit apparatus. Railway. B. E. O'Hagan. 2,017,546; Oct. 15.
 Track circuit apparatus. Railway. H. G. Witmer. 2,001,047; May 14.
 Track circuit apparatus. Railway. H. G. Witmer. 2,015,577; Sept. 24.
 Track construction, Resilient railway. I. G. Ross and W. M. McNeil. 2,024,114; Dec. 10.
 Track, Endless. A. Keggess. 2,022,567; Nov. 26.
 Track extension and clamping means therefor. K. M. Lane. 1,996,647; Apr. 2.
 Track for tracklaying vehicles. J. M. Colby and L. A. Skinner. 2,012,958; Sept. 3.
 Track for track-laying vehicles. H. A. Knox and C. Hiller, Jr. 2,015,683; Oct. 1.
 Track for tracklaying vehicles. W. H. Tschappat. 1,986,865; Jan. 8.
 Track for vehicles, Endless. H. A. Knox. 2,008,214; July 16.
 Track-forming, spacing, and retaining structure, Combined. G. Van Voorst, Jr. 2,004,025; June 4.
 Track frame stabilizer for track-laying tractors. E. A. Johnston. 2,025,512; Dec. 24.
 Tracklaying wheel. H. M. Turner. 1,987,314; Jan. 8.
 Track lubricator. A. G. Humphries and A. F. Bonnallie. 2,018,402; Oct. 22.
 Track tool. P. J. Gillen. 2,016,326; Oct. 8.
 Track, Railway and tramway. B. S. Davies, H. Rise, and P. A. Summers. 2,009,309; July 23.
 Track, Railway car door. F. V. De Haven. 2,023,873-4; Dec. 10.
 Track recorder. L. F. Carter. 2,025,569; Dec. 24.
 Track relays in railway signaling systems, Device for use in operating. P. M. Bourdon. 2,024,845; Dec. 17.
 Track, Rubber covered flexible. E. C. Myers. 2,025,999; Dec. 31.
 Track sander. W. H. Hinsch. 2,024,361; Dec. 17.
 Track sanding device. P. Schönaig. 1,990,253; Feb. 5.
 Track shunting apparatus. C. R. Beall. 2,023,301; Dec. 3.
 Track shunting apparatus. P. P. Sosinski. 2,022,092; Nov. 26.
 Track shifting device. H. B. M. de Lange. 2,003,252; May 28.
 Track structure, Railway. H. Etheridge. 2,004,369; June 11.
 Track switch, Electrically operated. F. H. Richterkessing. 1,997,015; Apr. 9.
 Track turnout or the like. E. W. Caruthers. 1,996,718; Apr. 2.
 Track unit, Elevating and transfer. H. J. H. Huber. 1,996,618; Apr. 2.
 Trackway devices from a rail vehicle, Apparatus for controlling. P. P. Sosinski. 2,019,164; Oct. 29.
 Traction device. O. F. Hipkins. 2,008,210; July 16.
 Traction device. A. Laizé. 1,989,321; Jan. 29.
 Traction device for athletic shoes or the like. R. Nichols. 2,002,864; May 28.
 Traction device for the wheels of automotive vehicles. D. C. Bambenek. 1,999,713; Apr. 30.
 Traction device for the wheels of automotive vehicles. H. G. Stokke and P. Worner. 1,995,758; Mar. 26.
 Traction device for tires. E. C. Clifford. 1,988,965; Jan. 22.
 Traction device for vehicle wheels. R. Woolgar. 2,007,843; July 9.
 Traction, Electric. L. R. E. Gratzmüller. 2,004,240; June 11.
 Traction, Electric. E. Guignard. 2,001,357; May 14.
 Traction unit, Independently mounted. A. F. Masury. 2,003,548; June 4.
 Traction varying means for tractor wheels. A. N. Calkins. 2,006,730; July 2.
 Tractor. T. Brown and L. A. Murray. 2,002,002; May 21.
 Tractor. J. E. Cade. 2,010,346; Aug. 6.
 Tractor. H. S. Eberhard. 2,015,886; Oct. 1.
 Tractor. H. S. Eberhard. 2,022,080; Nov. 26.
 Tractor. H. S. Eberhard. 2,022,651; Dec. 3.
 Tractor. D. C. Heitschu. 1,993,405; Mar. 5.
 Tractor. D. C. Heitschu. 2,009,261; July 23.
 Tractor. G. W. Hopkins, Jr. and E. E. Wickersham. 2,012,510; Aug. 27.
 Tractor. N. Lesser. 2,002,669; May 28.
 Tractor. E. McCormick. 2,018,184; Oct. 22.
 Tractor. O. R. Schoenrock. 1,990,209; Feb. 5.
 Tractor. O. L. Starr. 1,994,836; Mar. 19.
 Tractor and trailer, Motor. O. D. North and P. G. Hugh. 2,006,000; June 25.
 Tractor attachment for broadcast seeders. C. A. Hitchcock. 2,002,179; May 21.
 Tractor corn picker. B. R. Benjamin. 2,011,925; Aug. 20.
 Tractor, Crawler. C. A. Henneuse. 1,991,502; Feb. 19.
 Tractor cultivator. W. S. Graham. 2,005,618; June 18.
 Tractor-cultivator. D. C. Heitschu. 2,012,853; Aug. 27.
 Tractor, Dump body. F. H. Lamb. 1,997,000; Apr. 9.
 Tractor, Gasoline. W. Schroeder. 2,015,911; Oct. 1.
 Tractor guide. F. L. Cutler. 2,010,142; Aug. 6.
 Tractor guide. W. S. Graham. 1,992,422; Feb. 26.
 Tractor harvester thresher. B. M. Hyman. 2,017,755; Oct. 15.
 Tractor hitch. F. L. Fraizer. 1,990,821; Feb. 12.
 Tractor hitch mechanism. E. Miller. 2,025,820; Dec. 31.
 Tractor, Logging. F. H. Lamb. 1,987,688; Jan. 15.
 Tractor lug. G. R. Cunningham. 1,999,536; Apr. 30.
 Tractor lug. H. Griebat. 2,008,954; July 23.
 Tractor lug. H. Griebat. 2,015,427; Sept. 24.
 Tractor lug, Rubber. H. Sturn. 2,022,576; Nov. 26.
 Tractor propelled implement. T. W. Paul. 2,004,729; June 11.

- Tractor pushed implement. O. F. Carlson. 2,015,708; Oct. 1.
- Tractor semitrailer power transmitting means. F. M. Reid. 2,022,387; Nov. 26.
- Tractor steering apparatus. L. E. Barrett. 1,994,806; Mar. 19.
- Tractor, Track type. N. O. Panzgrau. 2,002,274; May 21.
- Tractor trailer coupling. A. R. Thomas. 1,986,231; Jan. 1.
- Tractor-trailer coupling device. E. P. Kinne. 2,015,313; Sept. 24.
- Tractor trailer device. E. P. Kinne. 1,990,700; Feb. 12.
- Tractor-trailer system. H. R. Butler. 2,022,186; Nov. 26.
- Tractor, Tramrail. J. Guthrie. 1,987,104; Jan. 8.
- Tractor wheel. M. Brodard. 2,023,304; Dec. 3.
- Tractor wheel. T. H. Dean. 1,994,065; Mar. 12.
- Tractor wheel. F. J. Fuss. 2,007,853; July 9.
- Tractor wheel. W. H. Ledbetter. 2,005,550; June 18.
- Tractor wheel. F. H. Sandherr. 1,997,835; Apr. 16.
- Tractor wheel, Adjustable. J. R. Orelind. 2,007,811; July 9.
- Tractor winch and spudding attachment therefor. J. F. Brittain. 2,019,392; Oct. 29.
- Tractors, Line drive and clutch control for. H. W. Eis. 1,995,094; Mar. 19.
- Traffic control, Apparatus for. R. H. Worrall. 2,003,328; June 4.
- Traffic control light, Neon. H. L. Blackwood. 2,018,991; Oct. 29.
- Traffic control system. C. D. Geer. 2,016,325; Oct. 8.
- Traffic control system. J. J. Huebscher. 2,019,976; Nov. 5.
- Traffic control system, Central station. J. P. Tarbox. 1,991,068; Feb. 12.
- Traffic controlling apparatus, Railway. E. M. Allen. 2,000,871; May 7.
- Traffic controlling apparatus, Railway. G. W. Baughman. 1,989,444; Jan. 29.
- Traffic controlling apparatus, Railway. E. M. Blake. 1,995,413; Mar. 26.
- Traffic controlling apparatus, Railway. H. G. Blosser. 2,014,015; Sept. 10.
- Traffic controlling apparatus, Railway. H. G. Blosser and C. W. Failor. 2,025,265; Dec. 24.
- Traffic controlling apparatus, Railway. P. H. Crago. 2,022,708; Dec. 3.
- Traffic controlling apparatus, Railway. C. W. Failor. 1,991,086; Feb. 12.
- Traffic controlling apparatus, Railway. C. J. Kelloway. 2,022,720; Dec. 3.
- Traffic controlling apparatus, Railway. R. R. Kemmerer and R. M. Gilson. 2,021,654; Nov. 19.
- Traffic controlling apparatus, Railway. L. V. Lewis. 1,986,679; Jan. 1.
- Traffic controlling apparatus, Railway. F. H. Nicholson. 2,021,944; Nov. 26.
- Traffic controlling apparatus, Railway. H. A. Thompson. 2,018,818; Oct. 29.
- Traffic controlling system, Centralized. F. W. Brixner. 1,995,272; Mar. 19.
- Traffic controlling system, Centralized. G. J. Johaneck. 2,009,195; July 23.
- Traffic controlling system, Centralized. R. M. Phinney. 2,003,952; June 4.
- Traffic controlling system, Centralized. W. W. Wenholz. 2,019,467; Oct. 29.
- Traffic controlling system for railroads. W. W. Wenholz. 2,009,007; July 23.
- Traffic controlling system for railroads. G. H. Wion. 1,998,037; Apr. 16.
- Traffic controlling system for railroads, Centralized. R. M. Phinney. 2,009,187; July 23.
- Traffic controlling system for railroads, Centralized. W. T. Powell. 2,009,946; July 30.
- Traffic controlling system, Railway. F. Benedict. 2,026,489; Dec. 31.
- Traffic controlling system, Railway. J. C. Lindner. 1,998,019; Apr. 16.
- Traffic controlling system, Railway. C. F. Stoltz and W. Welsh. 1,997,322; Apr. 9.
- Traffic controlling system, Railway. S. N. Wight. 2,013,819; Sept. 10.
- Traffic controlling system, Railway. G. H. Wion. 2,021,846; Nov. 19.
- Traffic detector. D. Katz. 1,992,214; Feb. 26.
- Traffic directing device, Highway. C. Henderson. 2,018,260; Oct. 22.
- Traffic indicator. H. Rohrdantz. 1,989,114; Jan. 29.
- Traffic light control. E. R. Anderson. 2,016,220; Oct. 1.
- Traffic, Regulating. C. A. B. Halvorson. 2,007,801; July 9.
- Traffic regulating system and mechanism therefor. W. L. James. 2,007,248; July 9.
- Traffic safety device. H. Slavin. 2,022,745; Dec. 3.
- Traffic sign. G. H. Muehleisen. 2,022,248; May 21.
- Traffic signal. C. Adler, Jr. 2,015,612; Sept. 24.
- Traffic signal. N. G. Campion. 2,021,954; Nov. 26.
- Traffic signal. R. O. Ferguson. 2,006,675; July 2.
- Traffic signal. F. W. Griswold. 2,009,258; July 23.
- Traffic signal. A. D. Johns, Jr. 2,020,610; Nov. 12.
- Traffic signal. E. Rechten. 1,988,569; Jan. 22.
- Traffic signal. E. Sibley. 1,988,633; Jan. 22.
- Traffic signal controller. L. Wottring. 1,998,038; Apr. 16.
- Traffic signal, Depressible. G. R. Poston. 1,994,027; Mar. 12.
- Traffic signal device, Automatic. W. Moeller. 1,997,943; Apr. 16.
- Traffic signal lamp. Le R. Wottring. 2,010,834; Aug. 13.
- Traffic signal, Vehicle timed automatic. C. W. Neill. 2,015,435; Sept. 24.
- Traffic signaling system. E. C. West. 2,001,440; May 14.
- Trailer. G. R. Goin and B. A. De Polo. 2,009,548; July 30.
- Trailer. G. C. Jett. 1,995,854; Mar. 26.
- Trailer. M. E. McGinnis. 1,998,937; Apr. 23.
- Trailer. J. F. Robb. 2,020,161; Nov. 5.
- Trailer. F. Schelben. 2,007,504; July 9.
- Trailer. J. C. Suchland. 2,000,999; May 14.
- Trailer body construction. H. H. Robinson. 2,010,323; Aug. 6.
- Trailer bolster. J. Walker. 1,995,695; Mar. 26.
- Trailer, Brick stack carrying. R. A. Fontaine. 1,986,926; Jan. 8.
- Trailer, Camp. R. S. Allen and B. Oakes. 2,003,816; June 4.
- Trailer, Camping. O. J. Lehrer and J. B. Blankenship. 2,003,598; June 4.
- Trailer chassis. R. F. Kuns. 2,013,890; Sept. 10.
- Trailer connection. A. D. Carpenter and J. L. Thach. 1,993,591; Mar. 5.
- Trailer construction. A. D. Carpenter and E. Krug. 2,021,886; Nov. 26.
- Trailer coupling. R. E. Leppo. 2,012,103; Aug. 20.
- Trailer, Double axle. J. W. Lewis. 1,986,832; Jan. 8.
- Trailer, Dump. H. A. Holzer. 2,017,970; Oct. 22.
- Trailer for highways and railroads, Combination. J. F. McGinness. 2,021,075; Nov. 12.
- Trailer for tractors, Implement mounting. R. N. Geffroy. 2,016,774; Oct. 8.
- Trailer hitch. F. J. Boehler. 2,001,451; May 14.
- Trailer hitch. E. R. Greer. 1,990,731; Feb. 12.
- Trailer hitch. J. E. Hagstrom. 2,005,781; June 25.
- Trailer hitch. P. Rub, Jr. 2,012,639; Aug. 27.
- Trailer hitch. G. J. Shafer. 2,002,416; May 21.
- Trailer jack. J. Kuchar. 2,000,179; May 7.
- Trailer, Log. H. G. De Bou and C. S. Thicke. 2,001,839; May 21.
- Trailer structure. A. C. Bishoff. 1,992,808; Feb. 26.
- Trailer support. E. H. Allen. 1,997,095; Apr. 9.
- Trailer, Tank. H. A. Robinson, Sr. 2,011,161; Aug. 13.
- Trailers, Device for the correct steering of. A. Baratelli. 1,999,748; Apr. 30.
- Train automatic air connector. J. J. Weber. 2,000,726; May 7.
- Train brake, Foot operated. W. L. Hughes and W. E. Kaiser. 2,020,059; Nov. 5.
- Train communicating apparatus for railways. A. J. Sorensen. 2,011,658; Aug. 20.
- Train control apparatus. E. S. Cook. 2,017,682; Oct. 15.
- Train control apparatus. C. C. Farmer and T. H. Thomas. 1,991,889; Feb. 19.
- Train-control apparatus. F. J. Sprague. 2,001,163; May 14.
- Train control system. T. Bodde. 2,000,917; May 14.
- Train control system, Automatic. A. E. Hudd. 2,010,720; Aug. 6.
- Train control system for toy electric railways. F. W. Hehre. 1,986,634; Jan. 1.
- Train dispatching system for railroads. F. L. Dodgson. 1,990,472; Feb. 12.
- Train dispatching system for railroads. N. D. Preston and O. H. Dicke. 2,018,765-6; Oct. 29.
- Train dispatching system for railroads. W. W. Wenholz. 2,019,466; Oct. 29.
- Train displaying system for railroads. O. H. Dicke. 1,997,543; Apr. 9.
- Train indicator. J. Hutchinson. 2,025,242; Dec. 24.
- Train indicator, Motor operated. J. Hutchinson. 2,010,263; Aug. 6.
- Train-line relief valve. L. C. Hyatt. 2,022,722; Dec. 3.
- Train, Nonreversible meter. G. Feaveyear and J. Muir. 2,019,125; Oct. 29.
- Train operating system, Railway. A. G. Shaver. 2,024,664; Dec. 17.
- Train order delivery device. C. S. Adams. 2,015,985; Oct. 1.
- Train pipe connector. F. N. Bard. 2,000,157; May 7.
- Train pipe connector, Automatic. A. S. Johnson. 1,990,652; Feb. 12.
- Train pipe coupling, Automatic. H. F. Woernley. 2,009,830; July 30.
- Train recorder for railway systems. R. F. Wells. 2,009,950; July 30.
- Train reporting mechanism. M. A. Johnson. 2,020,146; Nov. 5.
- Train signaling system, Electric. L. D. Whitelock. 2,019,166; Oct. 29.
- Train temperature regulating system. J. Van Vuipen and E. A. Russell. 2,009,823; July 30.
- Trammel device. C. O. Stockman. 1,988,095; Jan. 15.
- Trammel point for pitchometers. B. O. Godfrey. 2,000,281; May 7.
- Tramper. B. C. Woodford. 1,999,012; Apr. 23.
- Tramway Aerial. C. C. Beatty and E. J. Lloyd. 2,005,126; June 18.
- Transfer. W. S. Lawrence and T. H. Miller. 2,008,763; July 23.

- Transfer apparatus. J. C. Gipe and J. P. Crowley. 2,019,182; Oct. 29.
- Transfer decorating. T. S. Reese. 1,998,638; Apr. 23.
- Transfer decorations, Method and apparatus for mounting. T. S. Reese. 2,013,067; Sept. 3.
- Transfer device. S. Eggleston. 1,998,806; Apr. 23.
- Transfer device. O. F. Smetana. 1,999,305; Apr. 30.
- Transfer material stripper. J. Q. Sherman. 2,000,100; May 7.
- Transfer mechanism. A. P. Diescher. 2,024,513; Dec. 17.
- Transfer mechanism. F. S. Lampard. 2,008,960; July 23.
- Transfer mechanism. O. J. Sundstrand. 2,004,495; June 11.
- Transfer mechanism for a totalizer. A. S. Wheelbarger. 2,015,701; Oct. 1.
- Transfer mechanism for circular knitting machines. L. N. D. Williams. 2,000,429; May 7.
- Transfer mechanism for flat knitting machines. W. F. Stabert. 2,012,360; Aug. 27.
- Transfer pack. C. M. Hepp. 1,987,507; Jan. 8.
- Transferring device. F. R. Graham. 2,011,627; Aug. 20.
- Transformer. G. M. Cole. 1,992,415; Feb. 26.
- Transformer. A. Helgason. 1,988,733-4; Jan. 22.
- Transformer. A. N. Smith. 2,019,196; Oct. 29.
- Transformer, Adjustable reactance. A. B. Hendricks, Jr. 2,009,800; July 30.
- Transformer air-blast equipment. R. L. Brown. 2,024,716; Dec. 17.
- Transformer and static eliminator, Audio amplifying. A. Straka. 2,000,424; May 7.
- Transformer casing. A. Helgason. 2,007,681; July 9.
- Transformer, Combination. A. M. Proctor. 1,990,669; Feb. 12.
- Transformer, Constant current. H. G. Wiest. 2,008,531; July 16.
- Transformer construction. E. Kern. 1,989,640; Jan. 29.
- Transformer cut-out. E. M. Meyer. 2,011,543; Aug. 13.
- Transformer fault detector. K. K. Palueff. 1,992,013; Feb. 19.
- Transformer for the conversion of polyphase currents. H. A. W. Klinkhamer. 2,001,465; May 14.
- Transformer, High frequency coupling. K. Posthumus. 2,002,187; May 21.
- Transformer, Low frequency. J. Poliakoff. 1,996,685; Apr. 2.
- Transformer, Rectifier. H. Winograd. 1,999,746; Apr. 30.
- Transformer, Regulating. A. Meyerhans. 1,993,794; Mar. 12.
- Transformer tap-changing apparatus. L. F. Blume. 2,009,383; July 30.
- Transformer tap changing mechanisms. O. P. McCarty. 2,004,998; June 18.
- Transformer, Three-phase rectifier. R. L. Davis. 2,001,454; May 14.
- Transformer, Treating-out. H. A. Rose. 2,003,011; May 28.
- Transformer unit, Underground. J. S. Parsons. 2,024,742; Dec. 17.
- Transformer winding insulation. W. H. Cooney. 1,992,814; Feb. 26.
- Transformers, Regulation of. J. Littmann. 1,991,400; Feb. 19.
- Transfusion device. P. A. Webb. 2,015,574; Sept. 24.
- Transit concrete mixer. H. P. Paris. 2,013,359-60; Sept. 3.
- Transit, Surveyor's or engineering. R. N. Bunstine. 1,998,775; Apr. 23.
- Translating apparatus. T. H. Long. 2,012,573; Aug. 27.
- Transmission. O. H. Banker. 2,003,963; June 4.
- Transmission. C. H. Barton. 2,021,165; Nov. 19.
- Transmission. A. L. Boisvert. 2,015,057; Sept. 24.
- Transmission. H. D. Church. 2,021,404; Nov. 19.
- Transmission. H. D. Church. 2,022,618; Nov. 26.
- Transmission. C. A. Cook. 2,014,835; Sept. 17.
- Transmission. A. Y. Dodge. 2,007,442; July 9.
- Transmission. E. J. Farkas. 2,020,404; Nov. 12.
- Transmission. T. L. Fawick. 1,987,897; Jan. 15.
- Transmission. T. L. Fawick. 2,011,401; Aug. 13.
- Transmission. E. E. Foster. 2,019,849; Nov. 5.
- Transmission. A. H. Jones. 1,990,735; Feb. 12.
- Transmission. J. H. Jones. 2,002,778; May 28.
- Transmission. T. B. Kohler. 2,010,401; Aug. 6.
- Transmission. R. P. Lansing. 1,990,038-9; Feb. 5.
- Transmission. R. Lapsley. 1,992,898; Feb. 26.
- Transmission. R. Lapsley. 1,994,773; Mar. 19.
- Transmission. R. Lapsley. 2,017,101; Oct. 15.
- Transmission. R. Lapsley. 2,017,906; Oct. 22.
- Transmission. R. M. Nardone. 2,005,843; June 25.
- Transmission. R. M. Nardone and F. Linder. 2,016,835; Oct. 8.
- Transmission. J. S. Sharpe. 2,016,182; Oct. 1.
- Transmission. C. W. Weiss. 2,005,444; June 18.
- Transmission. A. and M. P. Winther. 1,986,037; Jan. 1.
- Transmission and control mechanism. F. A. Parsons. 2,012,690; Aug. 27.
- Transmission and control mechanism. F. A. Parsons. 2,020,852; Nov. 12.
- Transmission and control mechanism for machine tools. F. A. Parsons. 1,987,909; Jan. 15.
- Transmission and control mechanism for milling machines. L. F. Nenninger and F. A. Hassman. 2,010,556; Aug. 6.
- Transmission and control, Milling machine. F. A. Parsons. 2,012,672; Aug. 27.
- Transmission and control of power in locomotives and the like. W. E. Woodard. 1,993,983; Mar. 12.
- Transmission and control therefor, Free wheeling. H. J. Heck and J. M. Simpson. 2,001,783; May 21.
- Transmission and direction finding system, Electrical. A. M. Nicolson. 2,007,211; July 9.
- Transmission and repeater system. O. B. Jacobs. 2,020,317; Nov. 12.
- Transmission apparatus, High frequency. L. A. Gebhard. 1,995,301; Mar. 26.
- Transmission apparatus, Hydraulic. A. R. N. Heath. 2,015,626; Sept. 24.
- Transmission, Automatic. F. Culich, Jr. 1,997,812; Apr. 16.
- Transmission, Automatic. J. J. Drabin. 1,998,274; Apr. 16.
- Transmission, Automatic. C. E. Gregory. 1,994,471; Mar. 19.
- Transmission, Automatic. R. E. Keller. 2,003,634; June 4.
- Transmission, Automatic. R. P. Lansing. 1,990,037; Feb. 5.
- Transmission, Automatic. T. J. Martin. 2,025,763; Dec. 31.
- Transmission, Automatic. R. M. Nardone. 2,014,662; Sept. 17.
- Transmission, Automatic hydraulic. H. D. Rodgers. 1,992,040; Feb. 19.
- Transmission brake. G. M. Lilly. 2,023,533; Dec. 10.
- Transmission, Change speed. O. H. Banker. 1,985,884; Jan. 1.
- Transmission, Change speed. C. A. Roeder. 2,005,167; June 18.
- Transmission clutch. E. Roberts. 2,002,478; May 21.
- Transmission control. D. Mitchell. 1,986,515; Jan. 1.
- Transmission control. A. Winther. 2,025,487; Dec. 24.
- Transmission control. S. B. Wright and D. Mitchell. 1,986,492; Jan. 1.
- Transmission control circuit. R. B. Hearn. 2,018,494; Oct. 22.
- Transmission control, Four-wire terminal. D. Mitchell. 1,986,516; Jan. 1.
- Transmission control in signaling systems. H. L. Barney. 2,020,452; Nov. 12.
- Transmission control in signaling systems. H. J. Fisher. 2,026,305; Dec. 31.
- Transmission control in signalling systems. N. C. Norman. 2,002,961; May 28.
- Transmission control in two-way signal transmission systems. B. G. Bjornson. 1,987,986; Jan. 15.
- Transmission control in two-way signaling systems. B. G. Bjornson. 2,001,088; May 14.
- Transmission control mechanism. O. H. Banker. 2,015,834; Oct. 1.
- Transmission control mechanism. R. Lapsley. 2,012,669; Aug. 27.
- Transmission control, Motor vehicle. C. F. Pilcher. 2,005,389; June 18.
- Transmission control, Wave responsive. D. Mitchell. 1,986,514; Jan. 1.
- Transmission device, Reaction torque. R. V. Derrah. 2,011,755; Aug. 20.
- Transmission device, Self-adjusting valve-operating. E. B. Hudson. 2,002,982; May 28.
- Transmission drive mechanism for toy automobiles. E. B. Thompson. 2,023,716; Dec. 10.
- Transmission equipment, Tamperproof. H. C. Riesinger. 2,006,653; July 2.
- Transmission for automobiles and the like. R. Head. 1,986,265; Jan. 1.
- Transmission for mining machines, Hydraulic. M. P. Holmes. 2,015,143; Sept. 24.
- Transmission for motion picture and sound projectors, Selective. E. J. Hadley. 2,002,854; May 28.
- Transmission for motor vehicles, Hydraulic. T. A. Fjellstedt. 1,999,288; Apr. 30.
- Transmission for transmitting power at different speed ratios from a driver shaft to a driven shaft. C. Kittilsen. 2,001,141; May 14.
- Transmission, Freewheeling. G. M. Hartsock. 2,010,718; Aug. 6.
- Transmission gear. E. R. Holmes. 2,014,331; Sept. 10.
- Transmission gear. H. Kohn. 2,015,638; Sept. 24.
- Transmission gear for distant control or motion. E. Caretta. 2,026,459; Dec. 31.
- Transmission hoist. G. A. Burton. 2,025,970; Dec. 31.
- Transmission, Hydraulic. W. and J. P. Ferris. 1,994,989; Mar. 19.
- Transmission, Hydraulic. R. E. Flanders. 1,987,186; Jan. 8.
- Transmission, Hydraulic. C. E. Ives. 2,001,325; May 14.
- Transmission, Hydraulic. R. Lapsley. 1,997,827; Apr. 16.
- Transmission, Hydraulic. F. W. Walter, Jr. 2,019,880; Nov. 5.
- Transmission line. A. Gothe. 2,018,353; Oct. 22.
- Transmission line. N. E. Lindenblad. 2,000,032; May 7.
- Transmission line. A. Meissner. 2,009,854; July 30.
- Transmission line clamp. E. E. Arnold and C. L. Fortescue. 2,005,881; June 25.
- Transmission line conductor. H. A. Affel. 1,996,186; Apr. 2.
- Transmission line, High frequency. O. Schmidt. 2,018,324; Oct. 22.
- Transmission line network for radio receiving antennae. W. W. Macalpine. 2,021,734; Nov. 19.
- Transmission line, Overhead electric. F. F. Fowle and F. M. Crapo. 2,019,447; Oct. 29.

- Transmission line protective system. A. Matthwy-Doret. 1,994,427; Mar. 12.
- Transmission line suspension. E. E. Arnold. 2,005,882; June 25.
- Transmission lines, Interconnection of. C. W. Green. 2,019,603; Nov. 5.
- Transmission machine. W. R. Bonham. 2,022,555; Nov. 26.
- Transmission, Magnetic. C. G. Downing. 1,995,605; Mar. 26.
- Transmission, Manually selective automatic shift. H. C. Snow and A. A. Stone. 1,986,860; Jan. 8.
- Transmission means, Automatic power actuated. A. C. Peterson. 1,991,518; Feb. 19.
- Transmission means, Variable freewheeling. A. C. Peterson. 1,997,698; Apr. 16.
- Transmission measuring system. F. H. Best. 2,015,779; Oct. 1.
- Transmission mechanism. E. Anderson. 2,015,096; Sept. 24.
- Transmission mechanism. G. C. Chase. 1,996,144; Apr. 2.
- Transmission mechanism. J. M. Christman. 2,002,310; May 21.
- Transmission mechanism. J. M. Crawford and A. W. Frehse. 2,018,706; Oct. 29.
- Transmission mechanism. W. R. Griswold. 1,997,056; Apr. 9.
- Transmission mechanism. W. R. Griswold. 2,019,783; Nov. 5.
- Transmission mechanism. W. R. Griswold. 2,022,034; Nov. 26.
- Transmission mechanism. J. O. Heinze. 1,986,436; Jan. 1.
- Transmission mechanism. W. T. Livermore. 2,019,146; Oct. 29.
- Transmission mechanism. A. Moorhouse. 2,000,605; May 7.
- Transmission mechanism. J. Niederhauser. 2,002,709; May 28.
- Transmission mechanism. C. F. and J. T. Rauens. 2,018,032; Oct. 22.
- Transmission mechanism. F. W. Ream. 2,016,177; Oct. 1.
- Transmission mechanism. B. A. Swennes. 2,019,745; Nov. 5.
- Transmission mechanism. H. T. Thomas and J. Bethune. 1,988,636; Jan. 22.
- Transmission mechanism. H. T. Thomas and A. B. Hays. 1,988,466; Jan. 22.
- Transmission mechanism. H. T. Thomas and A. B. Hays. 2,016,350; Oct. 8.
- Transmission mechanism. J. G. Vincent. 2,014,486; Sept. 17.
- Transmission mechanism, Automatic. L. Horowitz and J. Beolchi. 1,990,786; Feb. 12.
- Transmission mechanism, Automatic. G. F. Schlote. 2,026,142; Dec. 31.
- Transmission mechanism for motor vehicles. F. M. Bartelme. 2,010,288; Aug. 6.
- Transmission mechanism for totalizer, Grand total. G. A. Julius and A. F. Julius. 2,008,790; July 23.
- Transmission mechanism, Free-wheeling. S. M. Coffman. 2,009,107; July 23.
- Transmission mechanism, Hydraulic variable. J. Bedford. 1,987,251; Jan. 8.
- Transmission mechanism, Mechanical. J. S. Sharpe. 1,991,124; Feb. 12.
- Transmission mechanism, Planetary. O. H. Banker. 2,005,726; June 25.
- Transmission mechanism, Speed changing. J. L. Reilly. 1,987,518; Jan. 8.
- Transmission, Multispeed. A. D. Robbins. 2,010,161; Aug. 6.
- Transmission networks. H. W. Bode. 2,001,090; May 14.
- Transmission of motor vehicles and driving mechanism for carrying out the same, Operating the. C. Vincent. 2,008,231; July 16.
- Transmission of power, Device for the hydraulic. J. M. Beaumont. 2,015,212; Sept. 24.
- Transmission of sound and pictures. L. J. Hartley. 2,022,505; Nov. 26.
- Transmission of vibrations, Apparatus for eliminating the. R. W. Bailly. 2,018,294; Oct. 22.
- Transmission operating and controlling apparatus. A. A. Wiedmaier. 2,001,337; May 14.
- Transmission regulation. S. B. Wright. 2,000,116; May 7.
- Transmission retarding mechanism, Vehicle. K. J. Strigl. 1,987,273; Jan. 8.
- Transmission, Reversing. F. P. Quinn, W. Horrobin, and W. F. Hawkins. 2,004,827; June 11.
- Transmission, Semiautomatic. A. G. McGuire. 2,003,088; May 28.
- Transmission. Single side band. E. S. Purington. 2,020,327; Nov. 12.
- Transmission system. H. M. Bascom, O. A. Friend, and M. B. McDavitt. 2,025,145; Dec. 24.
- Transmission system. S. Doba, Jr. 2,012,810; Aug. 27.
- Transmission system. R. B. Dome. 2,019,341; Oct. 29.
- Transmission system. C. W. Hansell. 2,005,084; June 18.
- Transmission system. H. C. Heaton. 2,023,524; Dec. 10.
- Transmission system and auxiliary controls therefor, Automatic. A. H. Neuland. 2,025,523; Dec. 24.
- Transmission system, Electrical. R. J. Van de Graaff. 2,024,957; Dec. 17.
- Transmission system for railways, High frequency. E. F. W. Alexanderson. 2,001,514; May 14.
- Transmission system, High frequency. I. J. Kaar. 1,998,960; Apr. 23.
- Transmission system, Hydraulic. R. Maw. 1,987,781; Jan. 15.
- Transmission system, Hydraulic. L. L. Schauer, A. M. Sosa, and J. H. McKewen. 2,000,420; May 7.
- Transmission system, Selective. F. Tuzek. 1,988,614; Jan. 22.
- Transmission unit, Speed varying. P. B. Reeves. 2,021,136; Nov. 19.
- Transmission, Variable speed. J. P. Johnson. 2,005,227; June 18.
- Transmission, Variable speed. G. S. Pearson. 1,992,837; Feb. 26.
- Transmission, Variable speed. H. M. Stephenson. 2,009,099; July 23.
- Transmission, Variable volume pump and hydraulic. R. J. S. Pigott. 1,990,750; Feb. 12.
- Transmitter. H. Chireix. 2,011,927; Aug. 20.
- Transmitter. C. W. Hansell. 1,985,924; Jan. 1.
- Transmitter. W. Ilberg. 2,002,181; May 21.
- Transmitter. A. Leib. 2,013,001; Sept. 3.
- Transmitter arrangement. H. O. Roosenstein. 2,007,875; July 9.
- Transmitter control. A. Frum. 2,026,382; Dec. 31.
- Transmitter device. H. Eberhard. 1,993,436; Mar. 5.
- Transmitter, Electrical. A. M. Cravath. 1,987,730; Jan. 15.
- Transmitter, magnetostrictive. G. W. Pierce. 2,014,412; Sept. 17.
- Transmitter, Telegraphic. H. R. Fischer and R. Herzog. 1,988,270; Jan. 15.
- Transmitting or receiving arrangement for concentrated electric waves. W. Ilberg. 1,990,649; Feb. 12.
- Transmitting system. D. E. O'Donovan and L. R. Nixon. 1,991,027; Feb. 12.
- Transmitting system, Multiple. M. Langer and W. Rabanus. 1,987,961; Jan. 15.
- Transparent arrangement. F. Ovenhausen. 1,992,882; Feb. 26.
- Transparent body. F. A. Delano. 2,009,167; July 23.
- Transparent starting box. H. S. Levenson. 1,989,204; Jan. 29.
- Transplanter. B. Poll. 1,996,686; Apr. 2.
- Transport apparatus. S. D. Milligan. 1,986,007; Jan. 1.
- Transport equipment. W. P. Kellett. 1,993,481; Mar. 5.
- Transportation. W. C. Plass. 2,018,087; Oct. 22.
- Transportation apparatus. H. T. Herr. 1,997,299; Apr. 9.
- Transportation device. A. O. Fleet. 2,009,654; July 30.
- Transportation means. H. A. Otis. 1,990,562; Feb. 12.
- Transportation means. H. A. Otis. 2,001,935; May 21.
- Transportation means. H. A. Otis. 2,023,971-2; Dec. 10.
- Transportation method and means. W. J. Bigley, Jr. 1,996,695; Apr. 2.
- Transportation system. N. W. Storer. 2,018,238; Oct. 22.
- Transportation system, Combination highway and railway. R. H. Gellatly. 2,013,345; Sept. 3.
- Trap—See—
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| Animal trap. | Mouse trap. |
| Ant trap. | Rat trap. |
| Bank bandit trap. | Roach trap. |
| Boiler feed trap. | Rodent trap. |
| Boiler return trap. | Sand and dirt trap. |
| Dental impression reenforcement trap. | Sand trap. |
| Drain trap. | Sediment separating trap. |
| Floating fish trap. | Steam trap. |
| Grease trap. | Target trap. |
| Insect trap. | Vermin trap. |
- Trap. M. W. Exum. 1,990,861; Feb. 12.
- Trap. J. Kleffman. 1,987,831; Jan. 15.
- Trap. F. L. Mocaer. 1,996,969; Apr. 9.
- Trap. H. K. Snyder. 1,990,006; Feb. 5.
- Trap. J. A. Woodhead. 2,018,880; Oct. 29.
- Trap for gas-distributing lines, Dirt. H. H. Tobin. 1,992,586; Feb. 26.
- Trap for insects and rodents. W. W. Hunt. 2,009,583; July 30.
- Trap signaling device, Floor. R. M. Hopkins. 2,014,474; Sept. 17.
- Trap telltale device and meter, Steam. C. J. Colley. 1,992,991; Mar. 5.
- Trash burner. H. H. Heuston. 2,001,360; May 14.
- Traveler for ring spinning and ring doubling frames. C. F. Hofmann. 1,997,521; Apr. 9.
- Traveler ring lubricator. L. Jones. 1,999,101; Apr. 23.
- Traveling bag. A. S. Belber. 2,002,878; May 28.
- Traveling bag. M. L. Lee and A. Kaufmann. 2,002,638; May 28.
- Traveling bag. C. H. Seitz. 1,999,424; Apr. 30.
- Traveling bag. F. D. Stelljes. 2,016,688; Oct. 8.
- Traveling case. W. H. Dunn. 2,018,840; Oct. 29.
- Traveling case. D. Reismann. 2,026,360; Dec. 31.
- Traveling chain gate. F. E. M. Schenk. 2,000,298; May 7.
- Traveling set. J. Baer. 2,003,102; May 28.
- Traveling tripping device and dust collector. A. B. Osgood. 1,994,832; Mar. 19.
- Traverse motion for spinning or twisting frames. F. K. Hendrickson. 2,024,447; Dec. 17.
- Trawl set with free ground rope. O. Dahl and W. F. Black. 1,986,559; Jan. 1.

- Tray, W. T. Bradley, 2,019,249; Oct. 29.
 Tray, R. R. Regli, 2,014,745; Sept. 17.
 Tray, W. R. Stuck, 2,001,438; May 14.
 Tray and cigarette extinguishing device, Combination, H. F. Thomas, 1,988,760; Jan. 22.
 Tray and pipe cleaner, Combination ash, M. Sussman, 1,998,742; Apr. 23.
 Tray and the like, Ash, A. S. Bloom, 2,000,916; May 14.
 Tray and the like, Ash, C. M. Mersbach, 2,006,811; July 2.
 Tray, Ash, I. H. Dube, 1,999,090; Apr. 23.
 Tray, Ash, J. W. Girard, 2,011,242; Aug. 13.
 Tray, Ash, E. P. Jasper, 2,019,227; Oct. 29.
 Tray, Ash, F. Quackenbush, 1,988,362; Jan. 15.
 Tray, Ash, J. J. Wharam, 1,993,950; Mar. 12.
 Tray, Candy, A. Pfitzer, 1,994,664; Mar. 19.
 Tray, Collapsible display, T. H. Carruthers, 1,995,053; Mar. 19.
 Tray construction, H. E. James and W. J. McClintock, Jr., 1,999,361; Apr. 30.
 Tray construction and guide, Card, S. B. Freiberg, 2,011,679; Aug. 20.
 Tray, Egg crate, I. V. Edgerton, 2,023,783; Dec. 10.
 Tray, Egg-turning, L. G. Knapp, 2,022,723; Dec. 3.
 Tray fastening, R. Stinson, 2,024,667; Dec. 17.
 Tray, Flexible metal freezing, R. H. Chilton, 2,011,849; Aug. 20.
 Tray, Flexible metal freezing, H. D. Geyer, 1,988,117; Jan. 15.
 Tray, Flexible metal ice, R. H. Chilton, 2,004,519; June 11.
 Tray, Foldable combination ash, C. A. Gottfried, 1,992,421; Feb. 26.
 Tray, Food carrying, T. C. Belk, 2,011,996; Aug. 20.
 Tray for automobiles, Service, W. L. McGinley, 2,020,074; Nov. 5.
 Tray for automobiles, Service, W. L. McGinley, 2,024,468; Dec. 17.
 Tray for card games, Turntable, H. M. Israel, 2,008,829; July 23.
 Tray for chairs, Attachable and adjustable ash, M. J. Elias, 1,989,974; Feb. 5.
 Tray for potted plants, Display, A. M. Dauernheim, 1,989,403; Jan. 29.
 Tray for trolley conveyers, Dumping, E. V. Francis, 2,007,044; July 2.
 Tray, Freezing, H. D. Geyer and F. W. Sampson, 2,004,525; June 11.
 Tray, Freezing, C. G. Harbordt, 2,023,923; Dec. 10.
 Tray, Garment, H. Thiss, 1,987,722; Jan. 15.
 Tray, Heat treating furnace, H. H. Harris, 2,022,283; Nov. 26.
 Tray, Hospital, C. W. Meinecke, 2,026,396; Dec. 31.
 Tray, Ice, G. L. Tinkham, 1,997,838; Apr. 16.
 Tray, Ice cream, E. J. Silveira, 1,996,935; Apr. 9.
 Tray, Ice cube, A. S. Haislip, 2,005,292; June 18.
 Tray, Ice cube, W. H. Klyce, Jr., 2,011,289; Aug. 13.
 Tray, Jewelry display, H. S. Kettendorf, 1,994,363; Mar. 12.
 Tray, Packing, L. P. Sinz and C. R. Barbee, 1,990,675; Feb. 12.
 Tray, Portable service, M. H. Nussbaum, 2,016,970; Oct. 8.
 Tray, Refrigerator, W. H. Connors, 2,006,442; July 2.
 Tray, Refrigerator, F. G. A. Cruickshank, 2,018,252; Oct. 22.
 Tray, Refrigerator, J. P. Killgore, 1,997,220; Apr. 9.
 Tray, Refrigerator freezing, R. H. Chilton, 2,002,232; May 21.
 Tray release mechanism, Ice, J. Touborg and A. M. Jacobsen, 2,015,466; Sept. 24.
 Tray, Safety ash, C. T. Fowler, 1,989,354; Jan. 29.
 Tray, Safety ash, B. T. Wall, 2,005,606; June 18.
 Tray, Serving, R. E. Leavens, 2,007,541; July 9.
 Tray, Serving, H. W. Lindsay, 1,996,300; Apr. 2.
 Tray, Serving, O. Mitchell, 2,002,328; May 21.
 Tray, Sterilizing and operating instrument, T. F. Bates, 2,018,651; Oct. 29.
 Tray, Ventilated, J. Tyler, 2,021,530; Nov. 19.
 Tray with handle, G. Kolb, 1,997,587; Apr. 16.
 Trays, Making, A. P. Ball, 1,996,561; Apr. 2.
 Trays, Making ice, G. L. Tinkham, 1,997,839; Apr. 16.
 Tread for pneumatic tires, G. W. Anderson, 1,999,988; Apr. 30.
 Tread rubber to tires, Applying, H. J. Woock, 2,009,599; July 30.
 Tread unit, Antislipping, E. Van der Pyl, 2,009,595; July 30.
 Treadle, Pneumatic, R. D. Conklin, 1,998,222; Apr. 16.
 Treadle switch, W. C. Putnam, 1,998,942; Apr. 23.
 Treads from tires, Apparatus for removing, G. F. Connelly, 2,023,575; Dec. 10.
 Treating agent, Apparatus for reactivating a, A. L. Forbes, Jr., and C. O. Byrne, 2,014,250; Sept. 10.
 Treating method, means and composition for trees and the like, W. F. Hollister, 1,999,458; Apr. 30.
 Treating substances, Means for, H. George, 2,024,854; Dec. 17.
 Treatment process, S. Lenber, 2,012,610; Aug. 27.
 Tree and stump cutter, L. Kieffer, 1,988,817; Jan. 22.
 Tree band, W. B. Kirkpatrick, 2,022,937; Dec. 3.
 Tree brace, S. Jencick, 2,007,606; July 9.
 Tree, Boot and shoe, F. P. Meyer, 2,025,173; Dec. 24.
 Tree container, H. P. Sorensen, 2,022,607; Nov. 26.
 Tree holder, K. Peskulich, 2,023,340; Dec. 3.
 Tree protection, L. Giliasso, 2,011,405; Aug. 13.
 Tree scarifying tool, C. L. Koonce and O. E. Zipperer, 2,010,636; Aug. 6.
 Tree transplant and conveyance therefor, C. A. Henson and S. C. Gillum, 1,993,327; Mar. 5.
 Trees, Felling and cutting felled, T. Hutchinson, 2,006,241; June 25.
 Trees from insect pests, Protecting, W. M. Hawkins, 1,994,101; Mar. 12.
 Trees, Treating, P. Sefton, 2,007,879; July 9.
 Trellis and plant protector, F. J. Bail, 2,009,867; July 30.
 Tremolo device for accordions, O. Schmidt, 2,016,122; Oct. 1.
 Trench crossing device for vehicles, N. Straussler, 2,012,090; Aug. 20.
 Trench excavator, W. A. Davis, 2,002,239; May 21.
 Trench pump, T. M. Ragsdale and D. J. Conant, 2,024,703; Dec. 17.
 Trick device, G. Schröder, 1,997,235; Apr. 9.
 Trigger for shutters, Folding, N. B. Green, 2,019,699; Nov. 5.
 Trigger mechanism for double barrelled firearms, Single, H. E. Howland and N. F. Smith, 1,987,402; Jan. 8.
 Trigger-mechanism for firearms, Adjustable-pull, L. Stiennon, 1,998,596; Apr. 23.
 Trim, Liner opening, W. D. Collins, 2,009,479; July 30.
 Trim panel and manufacturing same, Covered, P. R. Zinser, 2,019,641; Nov. 5.
 Trim panels and fastener therefor, Securing, B. C. Place, 1,992,092; Feb. 19.
 Trim panels, Securing, B. C. Place, 2,020,206; Nov. 5.
 Trimmer condenser, J. A. Poitras, 2,021,582; Nov. 19.
 Trimmer, Grass, R. B. Hite, 2,001,396; May 21.
 Trimmer, Hedge, M. Moleki, 1,996,624; Apr. 2.
 Trimmer, Lawn, E. H. Peterson, 1,987,634; Jan. 15.
 Trimmer, Pie edge, S. Meisner, 2,008,331; July 16.
 Trimming, E. A. Neff, 2,026,483; Dec. 31.
 Trimming and cutting machine, E. M. Brackett, D. Daneke, and L. C. Williams, 2,004,566; June 11.
 Trimming device, R. H. Hoskins, 1,995,251; Mar. 19.
 Trimming installation, W. I. Jones, 2,012,243; Aug. 20.
 Trimming machine, C. G. Brostrom, 1,991,446; Feb. 19.
 Trimming machine, S. A. Dobyne, 1,996,464; Apr. 2.
 Trimming machine, A. C. Smith, 2,013,072; Sept. 3.
 Trimming mechanism for grinding wheels, A. H. Orcutt, 2,018,145; Oct. 22.
 Trimming, Ornamental, C. P. Schlegel, 1,994,926; Mar. 19.
 Trimming, Shelf, M. Caplan, 2,009,541; July 30.
 Trip mechanism, Automatic, J. S. Barnes, 2,012,493; Aug. 27.
 Trip mechanism for automobile antitheft signal devices, W. H. Shumaker, 2,012,358; Aug. 27.
 Trip mechanism for punch presses, F. S. Aliano, 1,988,103; Jan. 15.
 Tripod leg construction, O. Wittel, 2,019,753; Nov. 5.
 Tripping apparatus for railway trucks and the like, J. Culemeyer, 2,014,369; Sept. 17.
 Tripping device, L. Birkitt, 1,993,645; Mar. 5.
 Tripropionin, Manufacture of, D. C. Hull, 2,005,371; June 18.
 Trisazodyestuffs, E. Glietenberg and A. Sigwart, 2,012,387; Aug. 27.
 Trisazodyestuffs and their production, Mordant, E. Hug and M. Müller, 2,024,797; Dec. 17.
 Triturating, emulsifying, and mixing machine, M. Andis, 2,020,450; Nov. 12.
 Trolley transmission for outdoor motors, L. Magney, 2,009,628; July 30.
 Trolley, H. J. L. Frank and J. A. Messing, 2,018,016; Oct. 22.
 Trolley, R. Ruemelin, 1,986,413; Jan. 1.
 Trolley base, Time saving, H. A. Leonhauser, 1,990,435; Feb. 5.
 Trolley duct, H. J. L. Frank and W. A. Harper, 2,014,729; Sept. 17.
 Trolley ear, R. R. Snyder, 2,012,408; Aug. 27.
 Trolley frog, N. A. Wahlberg and R. R. Lockwood, 2,020,924; Nov. 12.
 Trolley frog operating system, F. H. Richterkeessing, 2,009,636; July 30.
 Trolley hoisting device, B. F. Fitch, 1,995,298; Mar. 26.
 Trolley pole head, Flexible, E. F. Burdette, 1,988,415; Jan. 15.
 Trolley wire support, H. P. Chandler, 1,992,471; Feb. 26.
 Trolley wire support, S. S. Matthes, 1,991,288; Feb. 12.
 Trolley wire support, S. S. Matthes, 2,013,355; Sept. 3.
 Trolley wire support, S. S. Matthes, 2,016,817; Oct. 8.
 Trolley wire support, W. Schaaek, 2,005,907; June 25.
 Trolleys, Apparatus for lubricating, C. G. Wehrly, 2,004,386; June 11.
 Trombone, R. B. Olds, 2,020,569; Nov. 12.
 Trot line holder and setter, E. E. Vanderhider and J. A. Wentreck, 1,997,243; Apr. 9.
 Trouble lamp, L. L. Lawyer, 2,022,209; Nov. 26.
 Trough, M. E. De Wolf, 2,015,925; Oct. 1.
 Trough and drinking fountain, Combination feed, P. S. Martin, 2,011,684; Aug. 20.
 Trough and raceway for electric wires and cables, J. L. McConnell, 2,023,433; Dec. 10.
 Trough, Feed or water, E. T. Abendroth, 1,997,029; Apr. 9.
 Trough, Poultry feeding, E. D. Schlegel, 1,996,690; Apr. 2.

- Trough, Rifle. A. O. Hoffman. 2,015,522; Sept. 24.
 Trough, Sectional mud conveying. L. W. McAnallen. 2,007,455; July 9.
 Trousers. H. C. D'Annunzio. 2,015,337; Sept. 24.
 Trousers. O. A. Gulke. 2,014,802; Sept. 17.
 Trousers and like garment. I. Gold. 1,999,835; Apr. 30.
 Trousers and other articles, Apparatus for pressing. F. J. Clark. 2,021,224; Nov. 19.
 Trousers hanger. W. G. Carlson. 1,994,808; Mar. 19.
 Trousers hanger. E. H. Dary. 1,992,356; Feb. 26.
 Trousers press. H. Brenner. 2,014,308; Sept. 10.
 Trowel. J. B. McCorkle. 1,999,367; Apr. 30.
 Truck. R. G. Bartlett. 2,024,267; Dec. 17.
 Truck. C. E. Collins. 2,003,038; May 28.
 Truck. R. F. Darby. 2,023,667; Dec. 10.
 Truck. R. V. Devlin. 1,994,304; Mar. 12.
 Truck. W. C. Hedgcock. 1,987,477; Jan. 8.
 Truck. W. C. Hedgcock. 2,019,078; Oct. 29.
 Truck. W. C. Hedgcock. 2,023,956; Dec. 10.
 Truck. T. C. Kincaid, Jr. 2,002,605; May 28.
 Truck. J. A. Lamont. 1,993,104; Mar. 5.
 Truck. A. H. Oelkers. 2,013,007; Sept. 3.
 Truck. C. S. Schroeder. 1,999,665; Apr. 30.
 Truck. J. Twik. 2,004,022; June 4.
 Truck and apparatus carried thereby, Motor driven. P. H. Davey. 2,014,797; Sept. 17.
 Truck and the like, Shoveling hand. A. C. Gulliver. 2,026,310; Dec. 31.
 Truck, Automatic loading and unloading. G. O. Harm. 2,019,451; Oct. 29.
 Truck body. G. J. Atwell. 1,989,125; Jan. 29.
 Truck body. G. J. Atwell. 2,020,451; Nov. 12.
 Truck body. C. G. Pfeiffer and J. G. Ogden. 2,024,596; Dec. 17.
 Truck body construction. A. P. Ball. 1,991,484; Feb. 19.
 Truck body construction. A. P. Ball. 2,011,965; Aug. 20.
 Truck body construction. C. S. Brykczynski and J. Chmurzynski. 2,007,595; July 9.
 Truck body construction. M. T. Zeigler. 1,994,160; Mar. 12.
 Truck body, Demountable. B. F. Fitch. 2,003,287; June 4.
 Truck, Bogie. C. Stedefeld and W. Black. 2,011,918; Dec. 10.
 Truck, Car. N. R. Brownier. 2,023,756; Dec. 10.
 Truck, Car. G. A. Suckfield. 1,997,661; Apr. 16.
 Truck, Car. H. D. Taylor. 2,023,714-5; Dec. 10.
 Truck, Casket. H. T. Floyd. 2,016,232; Oct. 1.
 Truck closure device. A. Lake. 2,021,512; Nov. 19.
 Truck, Coal delivery. E. H. McAfee. 2,005,552; June 18.
 Aug. 20.
 Truck concrete mixer. J. Eggert. 1,994,577; Mar. 19.
 Truck concrete mixer. G. Jaeger. 2,017,064; Oct. 15.
 Truck cooling apparatus, Refrigerator. H. Roberts. 2,007,836; July 9.
 Truck dolly, Utility. J. H. de Boer. 1,999,172; Apr. 30.
 Truck, Dump. J. A. Watson, Jr. 2,023,184; Dec. 3.
 Truck, Electric. W. Stuebing, Jr. 1,992,150; Feb. 19.
 Truck, Fire. W. S. Darley. 2,005,990; June 25.
 Truck for handling barrels. V. E. Rogers. 2,014,057; Sept. 10.
 Truck for toy locomotive. A. C. Gilbert. 2,003,258; May 28.
 Truck, Hand. J. T. Lameasure. 1,997,259; Apr. 9.
 Truck, Hand. E. Venables. 2,008,887; July 23.
 Truck, Hydraulic lift. A. M. Barrett. 1,993,202; Mar. 5.
 Truck, Industrial. A. R. Golicrk. 1,999,188; Apr. 30.
 Truck, Industrial. E. H. Remde. 1,991,576; Feb. 19.
 Truck, Industrial. M. S. Towson. 1,999,220; Apr. 30.
 Truck, Lateral motion. T. H. Symington. 1,995,784; Mar. 26.
 Truck, Lift. R. J. Burrows and A. O. Williams. 1,986,184-5; Jan. 1.
 Truck, Lift. A. F. Callison. 1,996,673; Apr. 2.
 Truck, Lift platform. D. S. Andrews and J. R. Wyllie. 1,998,183; Apr. 16.
 Truck, Loading and unloading. C. J. Schluter. 1,991,297; Feb. 12.
 Truck, Low bed delivery. W. B. Fageol. 2,018,443; Oct. 22.
 Truck, Milk can handling. R. McClure. 2,012,888; Aug. 27.
 Truck, Monorail motor. D. C. Dunlap. 2,020,540; Nov. 12.
 Truck or tractor hitch, Motor. C. Ellis and H. E. Yates. 2,021,840; Nov. 19.
 Truck or trailer body. W. J. Laffey and J. F. Guy. 1,990,335; Feb. 5.
 Truck, Rail car. J. Ledwinka. 2,003,546; June 4.
 Truck, Rail-car. C. Sauer. 1,992,506; Feb. 26.
 Truck, Railway. D. S. Barrows. 2,011,190; Aug. 13.
 Truck, Railway. D. S. Barrows. 2,015,026; Sept. 17.
 Truck, Railway. E. S. Beckett. 2,026,014; Dec. 31.
 Truck, Railway. G. F. Couch. 2,008,683; July 23.
 Truck, Railway. E. C. Jackson and E. G. Hallquist. 2,026,044; Dec. 31.
 Truck, Railway. W. C. Krauthheim. 2,019,312; Oct. 29.
 Truck, Railway. A. A. Ross. 1,987,419; Jan. 8.
 Truck, Railway. J. C. Travilla, Jr. 1,995,525; Mar. 26.
 Truck, Railway car. W. C. Hedgcock and E. G. Busse. 2,008,501; July 16.
 Truck, Railway car. W. J. Hyman. 2,018,854; Oct. 29.
 Truck, Railway car. J. A. Shafer. 1,988,339; Jan. 15.
 Truck, Railway car. G. A. Suckfield. 1,997,662; Apr. 16.
 Truck, Railway car. C. D. Young. 2,005,983; June 25.
 Truck, Railway car. C. D. Young. 2,019,592; Nov. 5.
 Truck, Refrigerator. F. C. Jones. 2,010,490; Aug. 6.
 Truck, Reversible tobacco. L. R. Upchurch. 2,011,507; Aug. 13.
 Truck side frame. P. R. Drenning. 2,012,949; Sept. 3.
 Truck side frame for railway cars. J. M. Rohlfing. 1,990,095; Feb. 5.
 Truck structure. W. D. Hamerstadt. 2,013,561; Sept. 3.
 Truck trailer combination. I. H. Judd. 2,004,437; June 11.
 Truck, Variable fluid-operated elevating. D. E. Hennessy. 2,009,970; July 30.
 Trucks, Arrangement for transferring. Z. M. de Andrés. 2,016,629; Oct. 8.
 True-bite attachment. G. J. Keller. 2,010,087; Aug. 6.
 Truing device. E. L. Ackley. 2,006,783; July 2.
 Truncheon, Policeman's. J. True. 2,026,077; Dec. 31.
 Trunk. J. V. Bosque. 1,989,073; Jan. 29.
 Trunk, Automobile. M. G. Dietrich. 1,990,271; Feb. 5.
 Trunk, Automobile. H. Goeddert. 1,994,020; Mar. 12.
 Trunk, Automobile. M. L. King. 2,009,051; July 23.
 Truss. F. E. Chesterman. 1,987,432; Jan. 8.
 Truss. F. E. Miller. 2,022,474; Nov. 26.
 Truss. H. M. Turner. 2,007,487; July 9.
 Truss, Abdominal. C. Nygard. 1,989,244; Jan. 29.
 Truss and making same, Medical. W. S. Rowley. 1,992,397; Feb. 26.
 Truss, Hernia. T. J. Le Cras. 1,989,936; Feb. 5.
 Truss, Hernial. O. L. McDonnell. 2,007,456; July 9.
 Truss pad. B. F. Pease. 2,020,958; Nov. 12.
 Truss, Spandrel. R. L. Davison. 2,000,885; May 7.
 Truss structure. H. L. Loudenback. 2,002,506; May 28.
 Tub and shower fitting. L. Condé and C. W. Hathaway. 2,009,651; July 30.
 Tub bracket. H. W. Clark. 2,017,710; Oct. 15.
 Tube: See—
 Alternating current tube. Inner tube.
 Braun tube. Ionic discharge tube.
 Cathode ray tube. Light sensitive tube.
 Centrifuge tube. Luminescent tube.
 Cold cathode discharge tube. Luminous tube.
 tube. Mercury arc tube.
 Cold weather tube. Multigrad tube.
 Collapsible tube. Multiple discharge tube.
 Composite tube. Nailing tube.
 Condenser tube. Photo-electric tube.
 Demountable electron tube. Power detector tube.
 Discharge tube. Rectifier tube.
 Dispensing tube. Screen grid tube.
 Electric discharge tube. Short wave tube.
 Electron discharge tube. Spray tube.
 Electron tube. Teat tube.
 Gas discharge tube. Thermionic tube.
 Gas filled discharge tube. Thermionic vacuum tube.
 Gas filled tube. Tooth paste tube.
 Gas or vapor discharge tube. Vacuum tube.
 tube. Velocity tube.
 Heat conducting tube. Venturi tube.
 High frequency tube. X-ray tube.
 Inflatable spiral tube.
 Tube. R. H. Stone. 2,022,694; Dec. 3.
 Tube and bracket, Drop. J. A. Martocello. 1,994,226; Mar. 12.
 Tube and circuit, Luminous. H. Eknayan. 2,012,238; Aug. 20.
 Tube and connection system for the same, Two-anode. P. Kapteyn. 2,024,736; Dec. 17.
 Tube and coupling, Flexible. A. P. Schechter and A. Hedeman. 2,014,988; Sept. 17.
 Tube and making the same, Neon. A. P. Tallman. 2,023,558; Dec. 10.
 Tube and manufacturing same, Drinking. K. E. Garling. 1,996,066; Apr. 2.
 Tube and valve for dispensing fluids, Collapsible. H. W. Hutton. 2,023,230; Dec. 3.
 Tube base and socket. J. Hirmann. 2,014,843; Sept. 17.
 Tube box closure, Water. G. Weiler. 1,992,793; Feb. 26.
 Tube cap, Dispensing. T. Romano. 2,019,798; Nov. 5.
 Tube capping machine, Collapsible. J. H. Friden. 2,016,424; Oct. 8.
 Tube circuit scheme, Electron. G. Jobst. 2,015,185; Sept. 24.
 Tube cleaner. O. J. Bagnoli, T. C. Wilson and J. H. Young. 2,005,359; June 18.
 Tube cleaner. V. H. Baker. 2,025,009; Dec. 17.
 Tube closure. J. M. M. Gregory. 1,988,038; Jan. 15.
 Tube closure. D. P. Loomis. 2,016,678; Oct. 8.
 Tube closure. J. M. Scholev. 2,006,484; July 2.
 Tube closure. J. R. Sheehy. 2,009,027; July 23.
 Tube closure and forming the same, Collapsible. C. J. Westin. 1,989,031; Jan. 22.
 Tube closure, Collapsible. F. J. Geach. 1,990,863; Feb. 12.
 Tube closure, Collapsible. W. D. Tappan. 2,016,618; Oct. 8.
 Tube closure, Paste. E. W. Entriiken. 2,011,999; Aug. 20.
 Tube closure, Paste. L. W. Nesselstre. 2,015,152; Sept. 24.
 Tube connector, Separable. A. A. Nina. 2,000,570; May 7.
 Tube connecting device. F. E. Key. 2,018,726; Oct. 29.
 Tube construction, Collapsible. W. A. Roselle. 2,002,718; May 28.
 Tube containing a gas or a vapor, Electric arc discharge. G. Zecher. 2,020,715; Nov. 12.

- Tube cooling device. I. E. Mouromtseff and H. V. Noble. 2,011,647; Aug. 20.
- Tube dispenser, Collapsible. M. H. Redmer. 1,986,409; Jan. 1.
- Tube elongating apparatus and method. A. P. Diescher. 2,006,336; July 2.
- Tube evacuating apparatus, Electric. C. J. Kayko and C. G. Hall. 2,006,771; July 2.
- Tube expanding. E. A. Dewald. 1,987,608; Jan. 15.
- Tube expanding mill. B. C. Moise. 2,005,155; June 18.
- Tube flaring tool. H. D. Stecher. 1,986,025; Jan. 1.
- Tube for centrifuges, Feed. A. E. Flowers and G. J. Strezynski. 1,988,002; Jan. 15.
- Tube for emitting ultraviolet rays, Glow discharge. H. Lems. 1,990,192; Feb. 5.
- Tube for machine guns, Valved steam. F. D. Hoppert. 1,988,449; Jan. 22.
- Tube for milking apparatus, Inflation. J. A. Schmitt. 1,995,283; Mar. 19.
- Tube for telephone exchanges or the like, Pneumatic ticket dispatch. J. E. M. McGregor. 1,990,913; Feb. 12.
- Tube for trombones and similar instruments, Stationary inner slide. R. B. Olds. 2,021,323; Nov. 19.
- Tube for ultra short waves, Double receiver. H. E. Hollmann. 2,021,891; Nov. 26.
- Tube for venting tires. H. A. Brittain. 2,017,582; Oct. 15.
- Tube for wave induction, Luminescent. O. Emersleben. 2,017,897; Oct. 22.
- Tube forming apparatus. W. H. Engelbertz. 1,988,547; Jan. 22.
- Tube forming roll. R. C. Kurtze. 1,989,059; Jan. 22.
- Tube generator, Regenerative. H. O. Roosenstein. 1,997,084; Apr. 9.
- Tube having a metal envelope, Discharge. A. Bouwers. 2,024,332; Dec. 17.
- Tube having a negative resistance characteristic, Space discharge. A. Hund. 1,986,397; Jan. 1.
- Tube holder. P. J. Beyer. 2,026,455; Dec. 31.
- Tube inflating machine. E. Eger. 2,001,777; May 21.
- Tube joint. M. J. Cohan. 2,018,250; Oct. 22.
- Tube jointing machine. T. Briegel. 1,998,653; Apr. 23.
- Tube making. F. Peters. 2,011,907; Aug. 20.
- Tube making. S. Smith. 2,008,600; July 16.
- Tube making machine. K. E. Garling. 1,990,481; Feb. 12.
- Tube-making machine. K. E. Garling. 2,013,303; Sept. 3.
- Tube, Manufacturing a cellulose viscose collapsible. A. B. Blount. 2,008,487; July 16.
- Tube mechanism, Collapsible. W. Prussing. 1,992,634; Feb. 26.
- Tube or hose, Flexible metallic. S. Guarnaschelli. 2,026,166; Dec. 31.
- Tube outlet, Paste. R. O. Earp. 2,022,109; Nov. 26.
- Tube-packaging machine and method. H. E. Dietrich. 2,010,626; Aug. 6.
- Tube panel system, Composite luminescent. C. M. H. Nelson. 1,986,009; Jan. 1.
- Tube paste dispenser. A. B. Chatelain. 2,003,283; June 4.
- Tube ring. A. P. McCormick. 1,997,373; Apr. 9.
- Tube rolling machine, Fiber. H. J. Davis. 2,000,065; May 7.
- Tube rolling mill. K. A. Nygren and J. A. Zschiesche. 2,003,551; June 4.
- Tube rolling mill. O. F. Olson. 2,017,374; Oct. 15.
- Tube sheet for boilers. J. R. Smith. 2,001,333; May 14.
- Tube splicing machine. R. D. Hulslander. 2,012,563; Aug. 27.
- Tube starting device, Luminous. H. Eknayan. 2,012,239; Aug. 20.
- Tube stem machine, Thermionic. W. W. Eitel and J. McCullough. 2,000,560; May 7.
- Tube stock, Manipulating. H. E. Riggs and E. D. George. 2,017,806; Oct. 15.
- Tube structure, Fin. E. S. Cornell, Jr. 2,012,269; Aug. 27.
- Tube tester. J. R. Barnhart. 1,999,858; Apr. 30.
- Tube tester. W. N. Goodwin, Jr. 2,025,163; Dec. 24.
- Tube tester, Audion. R. L. Triplett. 2,001,945; May 21.
- Tube welding machine. J. L. Anderson. 1,991,973; Feb. 19.
- Tubes and automatic apparatus embodying the same, Manufacture of glass. L. Sanchez-Vello. 2,009,793; July 30.
- Tubes and other elongate articles, Production of seamless. A. Weing. 2,023,776; Dec. 10.
- Tubes and other elongated shapes, Method of and apparatus for extruding. S. W. Sparks. 2,002,966; May 28.
- Tubes and pipes, Manufacturing. L. Klein. 2,010,400; Aug. 6.
- Tubes and the like, Manufacturing paper. A. Lutz. 2,011,452; Aug. 13.
- Tubes, Apparatus for cleaning. A. Brendlin. 1,999,559; Apr. 30.
- Tubes, Apparatus for making rubber. E. F. Schnedarek and T. J. Smith. 1,996,491; Apr. 2.
- Tubes, Apparatus for rolling seamless. W. Widuch. 1,993,427; Mar. 5.
- Tubes, Bending. L. W. Snell. 1,996,838; Apr. 9.
- Tubes between couples of rotating cylinders, Direct manufacture of fibrous cement. A. Magnani. 2,004,703; June 11.
- Tubes by the push bench process, Manufacture of. C. W. Littler. 1,986,833; Jan. 8.
- Tubes, Closing. C. J. Westin. 1,989,032; Jan. 22.
- Tubes, Drawing. J. Heddon. 1,993,883; Mar. 12.
- Tubes for tires, Apparatus for making inner. J. F. Cavanagh. 2,021,983; Nov. 26.
- Tubes for tires, Apparatus for making inner. W. W. Potter. 2,024,304; Dec. 17.
- Tubes from steel, Apparatus for manufacturing. V. Rocchi. 1,994,111; Mar. 12.
- Tubes in tube sheets and article produced thereby, Securing. A. J. German. 1,988,418; Jan. 15.
- Tubes, Making. B. L. Quarnstrom. 2,014,982; Sept. 17.
- Tubes, Making. C. H. Wallis. 2,005,306; June 18.
- Tubes, Making heat transfer. S. H. Kilmer. 2,006,738; July 2.
- Tubes, Making of seamless. A. R. McAllister. 1,987,201; Jan. 8.
- Tubes, Manufacture of gilled. R. Mautsch. 1,998,552; Apr. 23.
- Tubes, Manufacture of rubber. F. Capella-Dalmau. 2,013,684; Sept. 10.
- Tubes, Manufacture of seamless. H. Esser. 2,023,727; Dec. 10.
- Tubes, Manufacturing photo-electric. H. H. Geffcken and H. R. Richter. 2,012,626; Aug. 27.
- Tubes, Method and apparatus for forming. R. C. F. Kurtze. 2,012,796; Aug. 27.
- Tubes, Method and apparatus for making. A. P. Diescher. 2,024,514; Dec. 17.
- Tubes, Method of and apparatus for making rubber. J. F. Cavanagh. 2,022,230; Nov. 26.
- Tubes, Method and apparatus for the manufacture of seamless. B. Bannister. 2,025,146; Dec. 24.
- Tubes, Method and apparatus for welding. H. Esser. 2,017,397; Oct. 15.
- Tubes, Method and apparatus for welding. E. M. Sims. 1,996,775; Apr. 9.
- Tubes, Method and machine for processing collapsible. E. H. Barker. 2,001,760; May 21.
- Tubes, Method of and apparatus for making rubber. F. T. Roberts. 2,014,669; Sept. 17.
- Tubes of artificial substances, Manufacture of flexible. E. Studt and U. Meyer. 1,992,678; Feb. 26.
- Tubes of cement material, Manufacture of. U. Isman. 2,008,074; July 16.
- Tubes, Operation of thermionic. F. A. Parsons. 2,005,237; June 18.
- Tubes, or tubes and rods, Adjusting the length of coaxial and overlapping. J. B. Holt. 2,019,259; Oct. 29.
- Tubes, Process and apparatus for producing seamless cellulose. W. Schwalbe and O. Schnecko. 1,997,349; Apr. 9.
- Tubes, Process and machine for the manufacture of paper. R. Jarrier. 2,008,717; July 23.
- Tubes, Processing thermionic. W. W. Eitel. 1,996,506; Apr. 2.
- Tubes, Producing flexible. A. Dreyer. 2,007,149; July 2.
- Tubes, Producing hot cathode. E. O. Erickson. 2,002,768; May 28.
- Tubes, Producing photo-electric. S. Wein. 2,006,850; July 2.
- Tubes, Repairing torque. M. F. Craney. 1,992,815; Feb. 26.
- Tubes, Scaling. R. Traut. 2,004,422; June 11.
- Tubes, Sectionalizing. L. L. Ludington. 1,986,587; Jan. 1.
- Tubes, Sinking welded. F. W. Waterman. 2,017,360; Oct. 15.
- Tubes, Splicing. G. B. Nichols. 1,998,633; Apr. 23.
- Tubing. N. H. Brodell. 1,988,158; Jan. 15.
- Tubing. W. M. Huck and E. J. Lindberg. 1,993,965; Mar. 12.
- Tubing. B. L. Quarnstrom. 2,014,983; Sept. 17.
- Tubing. S. Witte. 2,008,534; July 16.
- Tubing and cane, Manufacture of glass. L. Sanchez-Vello. 2,009,326; July 23.
- Tubing and making the same, Waterproof fibrous. H. Parker. 1,990,248; Feb. 5.
- Tubing and preparing the same, Shirred. A. G. Hewitt. 2,001,461; May 14.
- Tubing, Apparatus for electrically welding. R. C. F. Kurtze. 1,998,139; Apr. 6.
- Tubing, Apparatus for forming and ornamenting. R. W. Ullmann. 2,022,640; Nov. 26.
- Tubing, Apparatus for handling. B. L. Quarnstrom. 2,018,089; Oct. 22.
- Tubing, Apparatus for manufacturing electrically welded. W. M. Neckerman. 2,023,897; Dec. 10.
- Tubing, Apparatus for manufacturing welded. E. J. Von Henke. 2,022,699; Dec. 3.
- Tubing catcher. A. J. Colmerauer. 2,009,164; July 23.
- Tubing, Expandible woven. H. E. Thompson. 2,009,075; July 23.
- Tubing, Fabric. C. V. Brady. 2,013,724; Sept. 10.
- Tubing, Fin. E. A. Dewald. 1,992,296; Feb. 26.
- Tubing flanger, Hand operated. F. M. Bulmer. 2,018,832; Oct. 29.
- Tubing, Forming. P. J. McIntyre. 1,999,818; Apr. 30.
- Tubing head. F. H. Barney and W. J. Gourley. 2,019,838; Nov. 5.
- Tubing head. A. L. Leman. 2,011,769; Aug. 20.
- Tubing head. A. J. Penick and K. T. Penick. 2,009,200; July 23.
- Tubing head. E. J. Roach. 2,017,219; Oct. 15.
- Tubing head. S. P. Tschappat. 2,001,946; May 21.
- Tubing head and blow-out preventer. G. A. Humason. 1,997,731; Apr. 16.
- Tubing, Making. P. J. McIntyre. 2,012,889; Aug. 27.
- Tubing, Making fin. E. A. Dewald. 1,992,297; Feb. 26.

- Tubing, Making latex treated. J. A. Kennedy. 2,019,709; Nov. 5.
- Tubing, Making one-piece ribbed. A. T. Light. 1,993,066; Mar. 5.
- Tubing, Making ribbed. A. T. Light. 1,993,065; Mar. 5.
- Tubing, Manufacture of finned. E. A. Dewald. 2,004,387-8; June 11.
- Tubing, Manufacture of finned. R. C. Jones. 2,004,389; June 11.
- Tubing, Manufacturing glass. I. O. Pedersen. 1,987,633; Jan. 15.
- Tubing, Producing. S. F. Clement. 2,002,258; May 21.
- Tubing, Rubber covered metal. A. D. MacLachlan. 1,994,139; Mar. 12.
- Tubular articles, Apparatus for welding. J. S. Fenzel and H. H. Bound. 1,993,960; Mar. 12.
- Tubular bodies, Apparatus for necking-in and hanging. J. M. Mothersall. 2,013,654; Sept. 10.
- Tubular bodies from solutions of cellulose or of cellulose compounds, Manufacture and production of. C. F. Topham and E. A. Morton. 2,010,207; Aug. 6.
- Tubular bodies, Lining. G. C. Reid. 1,993,751; Mar. 12.
- Tubular bodies made by rolling with skew rolls, Producing an end thickening in. H. Esser. 1,999,324; Apr. 30.
- Tubular body for automobile heaters or the like, Flexible. G. E. Blake. 1,995,446; Mar. 26.
- Tubular extruded shape. J. E. Ganoce. 2,023,047; Dec. 3.
- Tubular joint. J. L. Mraz. 1,998,518; Apr. 23.
- Tubular members, Connecting. M. H. Rix. 2,005,205; June 18.
- Tubular metal chair. L. H. McKee. 2,011,067; Aug. 13.
- Tucker. H. Paxton. 2,017,986; Oct. 22.
- Tuft pile fabric loom. W. C. Fuge and J. W. Rush. 2,016,001; Oct. 1.
- Tuft pile fabric loom. E. W. Stone. 1,989,029; Jan. 22.
- Tufting device. M. Rosberger. 2,016,157; Oct. 1.
- Tufting mechanism. H. J. Schomer. 1,993,862; Mar. 12.
- Tufting mechanism. H. J. Schomer. 2,017,326; Oct. 15.
- Tumbler, Drying. C. M. Otis. 1,996,253; Apr. 2.
- Tumbler, Drying. C. M. Otis. 2,005,386; June 18.
- Tumbler for combination locks. W. F. Doenges. 2,016,487; Oct. 8.
- Tumbler, Laundry shake-out. E. D. Purkett. 2,002,796; May 28.
- Tumbler trimming tool. R. W. Griffith. 2,006,916; July 2.
- Tumbling method and apparatus. G. Sundback. 2,024,310; Dec. 17.
- Tumbling mill. J. R. Allan and F. H. Amos. 1,996,227; Apr. 2.
- Tuning and trimmer condenser, Variable. S. S. Cramer. 2,010,584; Aug. 6.
- Tuning changer for radio receiving sets, Automatic. E. P. Walley. 2,021,843; Nov. 19.
- Tuning control. P. Müller. 1,987,124; Jan. 8.
- Tuning control. G. Roethel, Jr. 2,003,608; June 4.
- Tuning device, Automatic. R. L. Heeren. 2,004,324; June 11.
- Tuning device, Band-spreading. J. F. Riley. 2,023,935; Dec. 10.
- Tuning device for radio receivers. C. E. Paschali. 2,023,853; Dec. 10.
- Tuning indicator tube. R. T. Orth. 1,994,726; Mar. 19.
- Tuning indicator tube. B. J. Thompson. 1,994,733; Mar. 19.
- Tuning scale. H. M. Lewis. 1,987,857; Jan. 15.
- Tuning system. B. Trevor. 2,000,677; May 7.
- Tuning system for pianos. E. Groven. 1,992,571; Feb. 26.
- Tuning system for radioreceivers, Silent. A. Senauke. 2,026,102; Dec. 31.
- Tuning system, Multifrequency. W. I. Carpenter. 1,988,444; Jan. 22.
- Tuning system, Multifrequency. W. I. Carpenter. 2,025,645; Dec. 24.
- Tunnel bracket for rayon spinning machines. J. J. Sippel. 2,006,518; July 2.
- Tunnel lining. D. C. Doig. 2,015,102; Sept. 24.
- Tunnel or flame furnace, Compound. N. Kyriacou. 2,024,048; Dec. 10.
- Tunnels, Construction of subaqueous. A. Gundersen. 2,010,484; Aug. 6.
- Tunnels, Method and apparatus for excavating. G. J. Schropfer. 2,018,926; Oct. 29.
- Turbidity control apparatus and system. A. L. Holven and T. R. Gillett. 1,994,768; Mar. 19.
- Turbine. F. M. Brooks. 1,994,501; Mar. 19.
- Turbine. U. Meiningshaus. 2,020,793; Nov. 12.
- Turbine. A. S. Miller. 2,021,078; Nov. 12.
- Turbine. C. A. Schellens. 2,007,408; July 9.
- Turbine apparatus. E. Zetterquist. 1,999,711; Apr. 30.
- Turbine blades, Cooling of gas. H. Holzwarth. 2,010,022; Aug. 6.
- Turbine blades, Inspecting. F. C. Jacobs. 2,011,408; Aug. 13.
- Turbin blades, Making. F. G. H. Bedford and C. D. Gibb. 2,013,622; Sept. 3.
- Turbine blades, Uniting nickel chrome steel. P. C. Dimberg. 2,000,692; May 7.
- Turbine, Combustion. J. Christiansen. 2,015,059; Sept. 24.
- Turbine, Combustion. F. A. Wondra. 1,991,717; Feb. 19.
- Turbine, Compound explosion. W. G. Noack. 1,987,631; Jan. 15.
- Turbine drive for automobiles. J. Schrag. 2,024,663; Dec. 17.
- Turbine, Elastic fluid. K. Bassler. 2,004,777; June 11.
- Turbine, Elastic fluid. F. D. Coletta. 1,995,565; Mar. 26.
- Turbine, Elastic fluid. R. H. Collingham. 1,994,121; Mar. 12.
- Turbine, Elastic fluid. E. D. Dickinson, A. D. Somes, and F. R. Ericson. 1,997,456; Apr. 9.
- Turbine, Elastic fluid. B. Pochobradsky. 2,012,349; Aug. 27.
- Turbine, Elastic fluid. G. B. Warren. 1,985,964; Jan. 1.
- Turbine, Electron. A. B. Dumont. 1,999,407; Apr. 30.
- Turbine engine. J. O. Heinze. 1,986,435; Jan. 1.
- Turbine engine. F. G. Moore. 1,987,699; Jan. 15.
- Turbine, Explosion. H. Holzwarth. 2,010,020; Aug. 6.
- Turbine, Fluid current. J. G. Cleveland. 2,007,963; July 16.
- Turbine for elastic fluids adapted for use as compressors. G. Bertin. 1,990,059; Feb. 5.
- Turbine for filling bags with finely divided materials. A. Andreas. 1,988,676; Jan. 22.
- Turbine for naval propulsion, Steam. G. Belluzzo. 2,009,307; July 23.
- Turbine generator rotor. B. A. Rose. 1,994,922; Mar. 19.
- Turbine, High vapor expansion. H. M. Barber. 2,002,497; May 28.
- Turbine, Hydraulic. G. A. Biggs. 1,986,915; Jan. 8.
- Turbine, Hydraulic. G. A. Biggs. 1,989,966; Feb. 5.
- Turbine, Hydraulic. C. R. Martin. 1,990,045; Feb. 5.
- Turbine plant for vehicles, Explosion. H. Holzwarth. 2,010,021; Aug. 6.
- Turbine plants, Regulation of explosion. H. Holzwarth. 2,015,072; Sept. 24.
- Turbine power plant, Gas. F. Samuelson. 2,011,420; Aug. 13.
- Turbine pump support. G. E. Bigelow. 1,986,132; Jan. 1.
- Turbine system, Gas. A. Lysholm. 1,988,456; Jan. 20.
- Turn and stop signal. B. B. Beach. 2,011,466; Aug. 13.
- Turn indicator. P. W. Koch and V. E. Carbonara. 2,010,191; Aug. 6.
- Turn indicator. W. L. Smith. 1,998,207; Apr. 16.
- Turn signal. E. S. Axelberg. 2,005,963; June 25.
- Turn signal. J. G. Guttman. 2,014,473; Sept. 17.
- Turning machine. F. H. Adams. 2,016,570; Oct. 8.
- Turnstile. D. R. Bacon and L. H. Downs. 2,004,971; June 18.
- Turnstile. J. F. Perey. 2,007,131-2; July 2.
- Turnstile. H. B. Stuart. 2,019,326; Oct. 29.
- Turntable, Electric. L. Paulero and A. M. Paulero. 2,017,420; Oct. 15.
- Turntable. R. Clover. 2,000,823; May 7.
- Turntable. G. Waalkes. 2,025,320; Dec. 24.
- Turntable driving mechanism. F. van der Woude. 2,006,660; July 2.
- Turpentine-face scribe. T. N. Busch. 2,000,375; May 7.
- Turpentine-face scribe. T. N. Busch. 2,001,655; May 14.
- Turret and tool unit structure, Automatically operated. E. J. Kingsbury and G. Swahnberg. 2,011,487; Aug. 13.
- Turret-head wrench. W. Goerg. 2,024,160; Dec. 17.
- Turret heads, Apparatus for indexing. K. Tessky. 1,988,675; Jan. 22.
- Turret machine tool, Multiple. H. W. Ruppel. 2,004,347; June 11.
- Turret mechanism for machine tools. E. J. Kingsbury. 2,011,486; Aug. 13.
- Turret press. O. W. Johnson. 1,997,219; Apr. 9.
- Turret revolving device, Automatic. C. M. Otis and A. K. Dean. 1,997,230; Apr. 9.
- Tuyère and nozzles. H. A. Ellis. 1,990,641; Feb. 12.
- Tuyère block. J. H. Harlow. 1,989,514; Jan. 29.
- Tuyère fire pot. A. J. Johnson. 2,007,372; July 9.
- Tuyère for shaft furnaces. J. Stoeker. 1,994,115; Mar. 12.
- Tweezer. S. Segal. 1,988,218-19; Jan. 15.
- Tweezers. T. I. Moseley. 1,991,816; Feb. 19.
- Twin by-pass valve. G. P. Klaas. 1,999,505; Apr. 30.
- Twine dispenser. B. H. DeMott. 2,022,409; Nov. 26.
- Twines, cords, and the like made of hard fibers, Treatment of. H. Baumhüter. 2,020,762; Nov. 12.
- Twist setting means for ruff cord making machines. H. P. Ruf. 2,015,128; Sept. 24.
- Twister ring and traveler. A. D. Granger. 1,999,901; Apr. 30.
- Twister ring, Lubricated. W. O. Aldrich. 1,986,911; Jan. 8.
- Twister rings, Device for lubricating. W. O. Aldrich. 1,986,909; Jan. 8.
- Twisting. L. J. O'Dowd. 1,992,627; Feb. 26.
- Twisting and winding apparatus. F. H. Shinn. 2,002,590; May 28.
- Twisting machine, Double-sided, several storied. O. Bochmann. 2,021,401; Nov. 19.
- Twisting mechanism. R. J. Getchell. 2,011,481; Aug. 13.
- 2-acetylaminio-3-chloranthraquinone, Product of. F. Helwert and A. Palm. 2,005,317; June 18.
- 2-chloro-6-nitrobenzaldimercurioxide. E. Havas. 1,996,006; Mar. 26.
- 2-chloro-6-nitrobenzaldoxime, Preparation of. E. Havas. 1,996,007; Mar. 26.
- Two-cycle engine. C. E. Frederickson. 2,021,147; Nov. 19.
- Two cycle engine. C. F. Kettering. 2,007,608; July 9.
- Two cycle engine. C. G. Root and W. F. Perry. 1,997,834; Apr. 16.
- Two cycle engine. A. G. S. Sherman. 2,006,656; July 2.

- Two-cycle gas engine. F. Hagenmüller and L. Prechtel. 1,996,866; Apr. 9.
- Two-cycle gas engine. E. M. Tucker. 2,000,108; May 7.
- 2-menthene. Production of. W. Schoeller and E. Borgwardt. 1,999,061; Apr. 23.
- Two-motor control for screw feed machine tool units. E. J. Kingsbury. 2,023,841; Dec. 10.
- 2'-nitro-2-carboxy-diphenylamine. Manufacture of. L. Spiegler. 2,003,842; June 4.
- Two-stroke explosion-motor. A. Lesage. 2,007,575; July 9.
- 2,3-hydroxy-naphthoic acid arylamide. J. F. Turski. 2,022,579; Nov. 26.
- Type arrangement for composing machines. O. I. Bloom and S. I. S. Friedman. 2,006,435; July 2.
- Type bar actuating means. H. Benzing. 2,008,384; July 16.
- Type bar and holder therefor. W. Uhl and G. W. Wolfe. 2,011,092; Aug. 13.
- Type bar machine. H. J. Megley. 2,000,088; May 7.
- Type bars. Device for casting. E. L. Kokanour. 2,014,808; Sept. 17.
- Type bars. Manufacture of cast. M. Ceuppens. 1,992,811; Feb. 26.
- Type binding means. O. Hoffmann. 2,016,432; Oct. 8.
- Type casting apparatus. F. A. Vinton. 1,986,990; Jan. 8.
- Type casting machine. G. H. White. 1,989,161; Jan. 29.
- Type. Combined expansion and contraction joint-tubular. A. C. Fischer. 1,997,546; Apr. 9.
- Type composing. Photographic. E. Uher. 1,986,693; Jan. 1.
- Type guide for typewriters. Adjustable. F. Elbert. 1,995,843; Mar. 26.
- Type holder and block for the same. E. Roberts, Jr. 1,990,958; Feb. 12.
- Type holder and block for the same. E. Roberts, Jr. 2,009,414; July 30.
- Type in place. Holding printing. W. W. Thompson. 2,018,879; Oct. 29.
- Type levers for typewriters. Device for straightening. F. Elbert. 1,989,087; Jan. 29.
- Type line composing and printing machine using circulating matrices. P. Marti. 2,006,246; June 25.
- Type lines. Justifying. J. Q. Sherman. 2,009,860; July 30.
- Type printing device. M. Amann and A. Labl. 1,988,409; Jan. 15.
- Type retaining plate. F. H. Poeppelmeier. 2,000,035; May 7.
- Typesetting bar. D. H. Hurlbut. 1,989,054; Jan. 22.
- Type-setting device. W. J. Pearson. 2,003,220; May 28.
- Type shuttles for typewriting machines. Making. H. L. Pitman. 2,010,032; Aug. 6.
- Typewriter. R. Atti and C. T. Rice. 2,011,700; Aug. 20.
- Typewriter. J. H. Barr. 1,988,232; Jan. 15.
- Typewriter. H. Bates. 1,986,244; Jan. 1.
- Typewriter. H. Bates. 1,997,206; Apr. 9.
- Typewriter. H. Bates. 2,018,482; Oct. 22.
- Typewriter. R. G. Clark. 2,021,174; Nov. 19.
- Typewriter. H. Etheridge. 2,018,058; Oct. 22.
- Typewriter. G. Modigliani. 1,988,913; Jan. 22.
- Typewriter. C. L. Norton. 1,998,555; Apr. 23.
- Typewriter. J. A. Summerlee and D. P. Rowland. 2,023,713; Dec. 10.
- Typewriter. R. G. Thompson and C. W. Crumrine. 1,994,544; Mar. 19.
- Typewriter attachment. W. R. Barker. 1,995,087; Mar. 19.
- Typewriter attachment. D. Friesel. 2,004,938; June 18.
- Typewriter attachment. L. Jensen. 1,995,102; Mar. 19.
- Typewriter attachment. L. Jensen. 1,998,196; Apr. 16.
- Typewriter attachment. L. Jensen. 2,000,641; May 7.
- Typewriter attachment. J. Q. Sherman. 2,012,484; Aug. 27.
- Typewriter attachment. W. Smith. 2,018,504; Oct. 22.
- Typewriter attachment. C. L. Winter. 2,001,480; May 14.
- Typewriter attachment. C. Winter. 2,024,789; Dec. 17.
- Typewriter. Combination projector and electric. A. D. Bitzen. 2,024,211; Dec. 17.
- Typewriter eraser holder. L. C. Neff. 2,018,029; Oct. 22.
- Typewriter keyboard. R. U. Jennings. 1,999,877; Apr. 30.
- Typewriter key cushion. O. Kretchner. 1,987,960; Jan. 15.
- Typewriter line stop. E. S. Hall. 2,016,922; Oct. 8.
- Typewriter mechanism. R. Atti. 2,007,516; July 9.
- Typewriter. Noiseless. H. Schüler. 1,999,343; Apr. 30.
- Typewriter. Power operated. W. J. Pasinski. 2,018,317; Oct. 22.
- Typewriter ribbon inking machine. H. L. Shallcross. 2,007,729; July 9.
- Typewriter ribbons. Mechanism for feeding and inking. G. S. Brodd. 2,019,805; Nov. 5.
- Typewriter without shifting device. Thrust rod. H. Nocken. 1,990,415; Feb. 5.
- Typewriters. Automatic carriage return mechanism for. F. W. Le Porin. 2,007,653; July 9.
- Typewriters. Automatic sheet feeding and discharging and record copy projecting machine for. R. Stuart. 2,014,417; Sept. 17.
- Typewriters. Carbon supporting attachment for. W. A. Jackson. 2,011,814; Aug. 20.
- Typewriters. Carriage shift for. R. C. Masters. 1,995,265; Mar. 19.
- Typewriters. Copywriter attachment for. C. H. Thornblade. 1,992,405; Feb. 26.
- Typewriters. Shock absorbing mechanism for. H. A. Foothorap. 1,992,940; Mar. 5.
- Typewriting and computing machine. Combined. W. T. Sagner. 2,025,956; Dec. 31.
- Typewriting and computing machine. Combined. O. Thieme. 2,020,340-1; Nov. 12.
- Typewriting and like machine. R. E. Benner. 2,023,507-8; Dec. 10.
- Typewriting and like machine. W. L. Peters. 2,023,543; Dec. 10.
- Typewriting machine. H. A. Avery. 1,992,174; Feb. 26.
- Typewriting machine. H. A. Avery. 1,998,829; Apr. 23.
- Typewriting machine. H. A. Avery. 2,001,759; May 21.
- Typewriting machine. H. A. Avery. 2,022,702; Dec. 3.
- Typewriting machine. S. I. Berger. 2,002,075; May 21.
- Typewriting machine. S. I. Berger. 2,007,359-60; July 9.
- Typewriting machine. A. W. Buckwell. 2,019,477; Nov. 5.
- Typewriting machine. C. W. Crumrine. 1,987,283; Jan. 8.
- Typewriting machine. W. A. Dobson. 1,988,189; Jan. 15.
- Typewriting machine. W. A. Dobson. 1,988,940; Jan. 22.
- Typewriting machine. H. A. Foothorap. 1,998,498; Apr. 23.
- Typewriting machine. C. Gabrielson. 2,010,223; Aug. 6.
- Typewriting machine. M. Garbell. 2,005,185; June 18.
- Typewriting machine. O. E. Gathmann. 2,008,014; July 16.
- Typewriting machine. G. G. Going. 1,988,312; Jan. 15.
- Typewriting machine. G. G. Going. 1,994,309; Mar. 12.
- Typewriting machine. G. G. Going. 2,009,359; July 23.
- Typewriting machine. G. F. Handley. 2,017,964; Oct. 22.
- Typewriting machine. G. F. Handley. 2,025,236; Dec. 24.
- Typewriting machine. H. J. Hart. 1,990,754; Feb. 12.
- Typewriting machine. W. F. Helmond. 1,994,647; Mar. 19.
- Typewriting machine. E. B. Hess. 2,002,395; May 21.
- Typewriting machine. P. A. Jackson. 2,020,145; Nov. 5.
- Typewriting machine. A. A. Johnson. 2,003,858; June 4.
- Typewriting machine. W. O. Michelsen. 2,002,410; May 21.
- Typewriting machine. W. O. Michelsen. 2,003,211; May 28.
- Typewriting machine. L. C. Myers. 2,007,611; July 9.
- Typewriting machine. H. L. Pitman. 1,998,789; Apr. 23.
- Typewriting machine. H. L. Pitman. 2,023,487; Dec. 10.
- Typewriting machine. J. A. B. Smith. 2,010,162; Aug. 6.
- Typewriting machine. J. A. B. Smith. 2,017,135; Oct. 15.
- Typewriting machine. J. A. B. Smith. 2,020,744; Nov. 12.
- Typewriting machine. B. C. Stickney. 1,985,959; Jan. 1.
- Typewriting machine. B. C. Stickney. 2,013,677; Sept. 10.
- Typewriting machine. A. Utz. 2,020,223; Nov. 5.
- Typewriting machine frame. H. A. Avery. 2,007,995; July 16.
- Typewriting machine or the like. C. W. H'Doubler and G. I. Mills. 1,987,230; Jan. 8.
- Typewritten matter in two tones. Apparatus for producing. R. G. Thompson. 1,987,276; Jan. 8.
- Typists. Facilitating the training of. A. H. Fairchild. 2,012,001; Aug. 20.
- Typographical casting machine. J. G. McNamara. 2,011,523; Aug. 13.
- Typographical composing machine. J. G. McNamara. 2,011,524; Aug. 13.
- Typographical machine. H. R. Freund and A. G. Sperry. 1,999,991; Apr. 30.
- Typographical slug. W. W. Morey. 2,003,693; June 4.
- Ultraviolet lamp. G. Sperti. 2,025,182; Dec. 24.
- Umbrella. H. Goldman. 2,017,753; Oct. 15.
- Umbrella. F. Kahn. 1,996,071; Apr. 2.
- Umbrella. M. Landman. 2,024,105; Dec. 10.
- Umbrella. M. Morgenstern. 2,024,946; Dec. 17.
- Umbrella. Collapsible. L. A. Capaldo. 2,007,364; July 9.
- Umbrella. Folding. C. R. Geisel. 1,991,385; Feb. 19.
- Umbrella. Folding. J. Q. Sherman. 1,998,291; Apr. 16.
- Umbrella structure. K. T. Norris and H. E. Rathbun. 2,008,465; July 16.
- Umbrella. Telescopic. H. Haupt. 1,996,960; Apr. 9.
- Umbrellas. Insert for. H. W. Montgomery. 2,001,623; May 14.
- Unbuttoning device. J. M. Whelton. 2,022,752; Dec. 3.
- Uncoupling device. A. J. Bazeley. 2,009,426; July 30.
- Uncoupling mechanism. W. Kelso. 2,009,930; July 30.
- Under arm protector. G. H. Souther, Jr. 2,004,511; June 11.
- Undercutter. A. M. Signalness. 2,012,896; Aug. 27.
- Underfeed furnace. I. A. Taylor. 2,007,028; July 2.
- Underfloor duct system. J. M. G. Fullman. 1,996,371; Apr. 2.
- Underfloor duct system. H. S. Walker. 2,002,068; May 21.
- Underframe construction for railway cars. A. Campbell. 1,999,650; Apr. 30.
- Underframe construction for railway cars. A. Campbell. 1,999,652; Apr. 30.
- Underframe construction for railway cars. A. Campbell. 2,003,341; June 4.
- Undergarment. S. L. Berger. 1,996,536; Apr. 2.

- Undergarment. G. F. Earnshaw. 2,016,266; Oct. 1.
 Undergarment. S. Gephart. 2,018,782; Oct. 29.
 Undergarment. A. R. Kneibler. 2,012,979; Aug. 27.
 Undergarment. A. R. Kneibler. 2,019,140; Oct. 29.
 Undergarment. B. Laskin. 1,985,933; Jan. 1.
 Undergarment. L. Levenson and S. L. Berger. 2,009,990; July 30.
 Undergarment. A. H. Parkes. 1,993,566; Mar. 5.
 Undergarment. V. Paolucci. 2,025,304; Dec. 24.
 Undergarment. O. E. Rohm. 2,007,982; July 16.
 Undergarment. A. M. Thomas. 2,011,462; Aug. 13.
 Undergarment and abdominal support, Combined. I. Rosenfeld. 2,023,701; Dec. 10.
 Undergarment for women. M. A. Goodman. 2,010,483; Aug. 6.
 Undergarment for women and girls. M. Feiner. 2,010,541; Aug. 6.
 Undergarment for women's wear. P. H. Robbins. 2,016,516; Oct. 8.
 Undergarment, Lady's. E. Goodman. 1,987,233; Jan. 8.
 Undergarment, Lady's. S. Roth. 2,019,545; Nov. 5.
 Undergarment, Lady's combination. M. Beckerman. 1,988,068; Jan. 15.
 Underground structure, Determining. J. J. Jakosky. 2,015,401; Sept. 24.
 Underground watering and fertilizing. Device for. D. S. Bruce. 2,016,983; Oct. 8.
 Underreamer. E. J. Roe. 2,012,774-5; Aug. 27.
 Understrip and brassiere, Combination. H. G. Goldberg. 1,990,322; Feb. 5.
 Undertaker's table. M. Gallup. 2,022,714; Dec. 3.
 Underwear. A. J. Harwood. 2,018,668; Oct. 29.
 Unicycle. J. V. Ranck. 2,019,728; Nov. 5.
 Unidirectional breather. L. C. Nichols. 2,000,862; May 7.
 Uni-directional end-thrust bearing. A. J. Mottlau. 2,009,964; July 30.
 Uniform impedance filter. H. T. Lyman, Jr. 1,998,325; Apr. 16.
 Union. O. C. Snell and C. E. Girten. 2,013,293; Sept. 3.
 Union between conduits or other members. F. C. Arey and D. E. Hibner, Jr. 2,016,262; Oct. 1.
 Union for flexible pipes. G. Tabozzi. 1,987,499; Jan. 8.
 Unit air cooler. R. L. Hasche and A. Gudmundsen. 2,016,428; Oct. 8.
 Unit bearing. C. I. Lott. 1,995,571; Mar. 26.
 Unit control for Diesel engines. R. F. Anderson. 2,025,262; Dec. 24.
 Unit heater. E. R. Walker. 2,025,426; Dec. 24.
 Unit heating ventilator. C. P. Bridges. 1,990,110; Feb. 5.
 Unit heating ventilator. C. P. Bridges. 2,006,534; July 2.
 Unitary wire connector. J. A. Weaver, Jr. 1,993,391; Mar. 5.
 Uniting parts, Method of. O. C. Rohde. 1,999,784-5; Apr. 30.
 Universal electric connection. I. G. Reynolds. 2,012,771; Aug. 27.
 Universal joint. H. F. Braun. 2,020,253; Nov. 5.
 Universal joint. H. F. Braun and W. W. Slaght. 1,993,357; Mar. 5.
 Universal joint. G. V. Curtis. 2,024,912; Dec. 17.
 Universal joint. F. M. Guy. 1,993,094; Mar. 5.
 Universal joint. O. H. Harrison, C. E. Swenson, and O. J. Larson. 1,996,996; Apr. 9.
 Universal joint. G. H. Hufferd. 2,003,539; June 4.
 Universal joint. G. J. Midthun. 2,006,026; June 25.
 Universal joint. E. F. Pilger. 2,005,202; June 18.
 Universal joint. A. H. Rzeppa. 2,010,899; Aug. 13.
 Universal joint. H. B. Shoemaker. 2,004,298; June 11.
 Universal joint. J. R. Snyder. 2,004,299; June 11.
 Universal joint. C. E. Swenson. 1,989,832; Feb. 5.
 Universal joint. C. E. Swenson. 1,993,192; Mar. 5.
 Universal joint. C. E. Swenson. 1,999,487; Apr. 30.
 Universal joint. C. E. Swenson. 2,018,768; Oct. 29.
 Universal joint. V. P. Williams. 2,015,390; Sept. 24.
 Universal joint. V. P. Williams. 2,024,410; Dec. 17.
 Universal joint chain. W. Hay. 2,004,321; June 11.
 Universal plain bearing. N. A. Palmgren. 2,016,021; Oct. 1.
 Universal rolling mill. R. H. Koppel. 2,019,081; Oct. 29.
 Universal screen. W. Dietrich. 2,019,661; Nov. 5.
 Unloader, Bucket pressure. C. E. L. Lipman. 2,018,917; Oct. 29.
 Unloader, Portable. C. L. Duff. 1,999,448; Apr. 30.
 Unsaturated compounds, Production of. J. P. Baxter, W. A. M. Edwards, and R. M. Winter. 1,986,876; Jan. 8.
 Upholstery, Apparatus for and method of producing. A. S. Mitchell. 1,996,728; Apr. 2.
 Upholstery covering structure. W. I. Jones. 2,005,670; June 18.
 Upholstery finishing strip. A. L. Howard. 2,000,466; May 7.
 Upholstery for metal spring construction. F. B. and H. E. Williams. 2,000,114; May 7.
 Upholstery forming machine. F. N. Ross. 1,987,270; Jan. 8.
 Upholstery installation. C. L. Hall. 2,009,615; July 30.
 Upholstery installation. H. S. Johnsen. 2,018,640; Oct. 22.
 Upholstery machine. A. S. Mitchell. 2,003,897; June 4.
 Upholstery making apparatus. A. S. Mitchell. 2,025,355; Dec. 24.
 Upholstery-making machine and method. A. S. Mitchell. 1,997,374; Apr. 9.
 Upholstery method. A. S. Mitchell. 2,004,705; June 11.
 Upholstery pad. W. C. Burgess. 1,992,603; Feb. 26.
 Upholstery panels and applying fasteners thereto, Making. B. F. Walters. 2,005,669; June 18.
 Upholstery plaits, Method and apparatus for filling. H. J. and F. J. Coyne. 1,991,379; Feb. 19.
 Upholstery spring turning and positioning machine. K. Kaiser. 1,995,641; Mar. 26.
 Urea and/or urea derivative plastic and making same. C. Ellis. 2,009,545; July 30.
 Urea composition and method of making and using. W. H. Kniskern and W. C. Klingelhoeffer. 2,022,677; Dec. 3.
 Urea condensation product and preparing it. M. Paquin. 1,986,067; Jan. 1.
 Urea-condensation resinous compositions. B. M. Marks. 2,019,354; Oct. 29.
 Urea-formaldehyde condensation products and artificial material therefrom, Manufacture of. R. Armenault. 2,004,970; June 18.
 Urea-formaldehyde condensation products, Forming. L. W. Wasum. 2,012,411; Aug. 27.
 Urea-formaldehyde reaction product and preparing same, Moldable. M. C. Dearing. 2,016,594; Oct. 8.
 Urea reaction product and preparing same, Water insoluble. M. C. Dearing. 2,016,595; Oct. 8.
 Urea synthesis. H. W. de Ropp and H. C. Hetherington. 2,017,588; Oct. 15.
 Urea with formaldehyde or the polymeric bodies thereof and the product obtained therefrom, Condensing. J. Malet and R. Armenault. 2,004,996; June 18.
 Ureas and their production, Asymmetrical. J. Hilger and C. Taube. 2,022,935; Dec. 3.
 Urinary receptacle. G. C. De Graff. 2,024,341; Dec. 17.
 Urn, Automatic electric drip coffee. A. C. Wilcox. 2,005,764; June 25.
 Urn, Coffee or tea. A. F. and L. A. Moneuse. 2,010,739; Aug. 6.
 Useful products according to the Friedel and Crafts reaction, Preparing. P. H. Groggins. 2,008,418; July 16.
 Utensil attachment, Kitchen. A. H. Todd. 1,999,886; Apr. 30.
 Utensil, Baking. J. F. Nicolette. 1,997,872; Apr. 16.
 Utensil closure, Culinary. H. R. Whittier. 2,012,151; Aug. 20.
 Utensil, Combination utility. J. H. Hendrix. 2,019,009; Oct. 29.
 Utensil, Cooking. G. P. Bartels. 1,994,268; Mar. 12.
 Utensil, Cooking. H. I. Berchman. 1,993,356; Mar. 5.
 Utensil, Cooking. F. and H. Betteridge. 1,997,509; Apr. 9.
 Utensil, Cooking. W. S. Bremer. 1,998,920; Apr. 23.
 Utensil, Cooking. W. T. Christman. 2,011,752; Aug. 20.
 Utensil, Cooking. H. Dean. 1,994,576; Mar. 19.
 Utensil, Cooking. W. P. Genovar, Jr. 2,014,931; Sept. 17.
 Utensil, Cooking. O. Herting. 2,007,682; July 9.
 Utensil, Cooking. C. I. Justheim. 2,024,454; Dec. 17.
 Utensil, Cooking. J. R. Munn. 2,008,767; July 23.
 Utensil, Cooking. J. G. Portteus. 1,997,832; Apr. 16.
 Utensil, Cooking. E. Princiotto. 2,001,352; Mar. 14.
 Utensil, Cooking. F. D. Reynolds. 1,987,492; Jan. 8.
 Utensil, Cooking and steaming. A. E. Ritscher. 2,021,465; Nov. 19.
 Utensil, Culinary. J. L. Bennett. 2,020,349; Nov. 12.
 Utensil, Electric. R. A. Serenberg and C. and P. Marien-thal. 1,992,843; Feb. 26.
 Utensil, Household. C. S. Glenn. 1,996,240; Apr. 2.
 Utensil, Kitchen. M. Clark and T. J. Callan. 2,000,815; May 21.
 Utensil, Kitchen. V. V. Vaughn. 2,023,451; Dec. 10.
 Utensil, lifter, Kitchen. O. Haemmerle. 2,005,032; June 18.
 Utensil, Scouring. A. Homon. 1,995,809; Mar. 26.
 Utensil, Serving. W. S. Martin. 2,003,895; June 4.
 Utensil support. R. M. Sargent. 2,010,931; Aug. 13.
 Utensils. Making scouring. A. Homon. 1,995,808; Mar. 26.
 Utility bag. J. Klotz. 2,010,267; Aug. 6.
 Utility hanging bracket, General. E. O. White. 2,010,283; Aug. 6.
 V-belt. A. L. Freedlander. 1,989,168; Jan. 29.
 V-belt. J. R. Sasek. 1,994,422; Mar. 12.
 V-shaped belt. C. W. Yelm. 1,988,292; Jan. 15.
 Vaccine, Anthrax. M. Mazzuchli. 1,989,014; Jan. 22.
 Vacuum and relief valve, Combined. R. U. Chadwick. 1,990,371; Feb. 5.
 Vacuum apparatus for medical treatment and other purposes. O. Sinanide. 2,011,831; Aug. 20.
 Vacuum, Apparatus for producing. A. G. Kobiolke and A. W. Fitzpatrick. 2,011,224; Aug. 13.
 Vacuum breaker. H. J. Luff. 2,023,178; Dec. 3.
 Vacuum chamber or container and manufacture thereof, Metal walled. E. L. Schellens. 2,024,065; Dec. 10.
 Vacuum cleaner. A. Aitken. 2,008,431; July 16.
 Vacuum cleaner. G. W. Allen. 1,992,731; Feb. 26.
 Vacuum cleaner. G. W. Allen. 1,993,471; Mar. 5.
 Vacuum cleaner. T. C. Bieth. 2,007,631; July 9.
 Vacuum cleaner. T. C. Bieth. 2,023,867; Dec. 10.
 Vacuum cleaner. A. Eriksson-Jons. 2,024,367; Dec. 17.
 Vacuum cleaner. E. Faber. 2,008,067; July 16.
 Vacuum cleaner. A. A. Forsberg. 2,021,298; Nov. 19.
 Vacuum cleaner. A. Giambertoni. 2,018,207; Oct. 22.
 Vacuum cleaner. H. Kessler. 1,989,868; Feb. 5.
 Vacuum cleaner. K. Koritke. 1,988,951; Jan. 22.
 Vacuum cleaner. G. E. Lofgren. 1,991,859; Feb. 19.
 Vacuum cleaner. G. E. Lofgren. 2,022,249-50; Nov. 26.

- Vacuum cleaner. R. C. Sharp. 1,997,754; Apr. 16.
 Vacuum cleaner. M. Treppenhauer. 1,996,632; Apr. 2.
 Vacuum cleaner. W. B. Tunstall. 1,993,231; Mar. 5.
 Vacuum cleaner. A. D. Wassall. 2,015,772; Oct. 1.
 Vacuum cleaner. N. H. Watts. 2,026,406; Dec. 31.
 Vacuum cleaner. A. L. Wenner-Gren. 2,025,946; Dec. 31.
 Vacuum cleaner bag. R. J. Snell. 1,999,826; Apr. 30.
 Vacuum cleaner, Electrically operated. R. Bass. 1,995,630; Mar. 26.
 Vacuum cleaner filter. W. Leathers. 2,020,120; Nov. 5.
 Vacuum cleaning machine. J. M. Rurka. 1,992,042; Feb. 19.
 Vacuum closing machine. H. L. Guenther. 1,988,488; Jan. 22.
 Vacuum closing machine. R. E. J. Nordquist. 2,012,971; Sept. 3.
 Vacuum container, Double-walled. C. O. Duevel, Jr., and A. H. Payson. 1,987,892; Jan. 15.
 Vacuum container, Double-walled. A. H. Payson. 2,001,154; May 14.
 Vacuum creator or air eliminator, Automatic. O. H. Klotz. 2,013,613; Sept. 3.
 Vacuum cup. A. T. Koppe. 1,990,334; Feb. 5.
 Vacuum device. R. F. Gowen and J. L. Bradford. 2,005,419; June 18.
 Vacuum device. R. F. Stratton. 2,017,031; Oct. 8.
 Vacuum door closer for automobiles and the like. M. W. Gano, Jr. 1,991,611; Feb. 19.
 Vacuum electric tube device. E. Y. Robinson. 1,987,711; Jan. 15.
 Vacuum extractor. D. Gessner. 2,001,417; May 14.
 Vacuum frame arrangement. A. T. Koppe. 1,996,966; Apr. 9.
 Vacuum heating pump. W. P. Whittington. 1,988,027; Jan. 15.
 Vacuum heating system. D. N. Crosthwait, Jr. 1,986,391; Jan. 1.
 Vacuum insulated container. J. T. Littleton. 1,995,993; Mar. 26.
 Vacuum-operated means for treating insect bites and the like. H. S. White. 2,015,130; Sept. 24.
 Vacuum producing and deaerating apparatus. D. Henderson. 1,988,656; Jan. 22.
 Vacuum pump. A. M. Babitch. 2,018,111; Oct. 22.
 Vacuum pump. D. McDonald. 2,022,682; Dec. 3.
 Vacuum pump. W. H. Schulze. 2,018,153; Oct. 22.
 Vacuum pump. L. G. L. Thomas. 2,022,904; Dec. 3.
 Vacuum pump, High. W. Gaede. 1,997,725; Apr. 16.
 Vacuum regulating valve. H. L. Hickman. 1,999,456; Apr. 30.
 Vacuum regulator. B. Wheeler. 2,025,626; Dec. 24.
 Vacuum relief valve. J. F. Cilley. 2,003,678; June 4.
 Vacuum sealing can. F. L. Darling. 2,024,511-12; Dec. 17.
 Vacuum stabilizer. H. Hueber and E. C. Horton. 2,002,318; May 21.
 Vacuum switch. H. F. Anderson. 1,997,288; Apr. 9.
 Vacuum switch for X-ray tube circuits. N. C. Beese. 2,013,398; Sept. 3.
 Vacuum system for hydraulically operated mechanisms. H. F. Vickers. 2,000,265; May 7.
 Vacuum therapy device. C. G. Miller. 2,000,710; May 7.
 Vacuum thermocouple. H. A. Wilson. 2,017,084; Oct. 15.
 Vacuum tube. A. Brasch and F. Lange. 2,005,021; June 18.
 Vacuum tube. O. T. McIlvaine. 1,993,108; Mar. 5.
 Vacuum tube. I. E. Mourmontseff. 2,012,431; Aug. 27.
 Vacuum tube. I. E. Mourmontseff. 2,020,428; Nov. 12.
 Vacuum tube. F. Oppenheimer. 2,010,824; Aug. 13.
 Vacuum tube. J. N. Scism. 1,991,065; Feb. 12.
 Vacuum tube. P. L. Spencer. 1,992,550; Feb. 26.
 Vacuum tube. P. L. Spencer. 2,015,325; Sept. 24.
 Vacuum tube apparatus. H. S. Black. 2,000,505; May 7.
 Vacuum tube arrangement and circuit. D. Prinz. 2,019,770; Nov. 5.
 Vacuum tube construction. C. J. Kayko. 1,989,866; Feb. 5.
 Vacuum tube generator system. H. Chireix. 2,006,440; July 2.
 Vacuum tube grid. W. W. Eitel and J. McCullough. 2,005,257; June 18.
 Vacuum tube meter, Direct reading. J. W. Conklin. 2,014,102; Sept. 10.
 Vacuum tube oscillator. R. I. Cohn. 2,004,101; June 11.
 Vacuum tube system. C. W. Hansell. 2,014,733; Sept. 17.
 Vacuum tube tester. F. W. Kolkman. 2,021,877; Nov. 19.
 Vacuum tube tester. J. R. Williams. 2,002,425; May 21.
 Vacuumizing and sealing containers. H. A. Barnaby. 2,013,548; Sept. 3.
 Vaginal applicator. A. W. Bonner. 2,025,373; Dec. 24.
 Valuable products by conversion of carbonaceous materials, Production of. R. Wietzel and E. Engel. 1,994,058; Mar. 12.
 Valuable products from carbonaceous materials, Manufacture of. H. I. Waterman. 1,998,212; Apr. 16.
 Valuable products from ethylene and/or its homologues, Manufacture of. M. Hofsaetz. 1,997,144; Apr. 9.
 Valuable products from hydrocarbon oils, Obtaining. P. L. Young. 2,018,772; Oct. 29.
 Values from lithium bearing ores, Recovery of. H. S. Colton. 2,021,987; Nov. 26.
 Values, Recovering. E. E. Dougherty. 1,987,996; Jan. 15.
- Valve: See—
 Admission and cut-off valve.
 Air valve.
 Annular valve.
 Antifreeze valve.
 Automatic controlling valve.
 Automatic flush valve.
 Automatic fuel valve.
 Automatic regulating valve.
 Automatic shut-off valve.
 Automatic stop valve.
 Back water valve.
 Bag closure valve.
 Balanced check valve.
 Balanced throttle valve.
 Balanced valve.
 Ball cock valve.
 Bathtub and shower control valve.
 Blind off valve.
 Boiler and like valve.
 Bottle valve.
 Brake valve.
 Butterfly valve.
 Centrifugally controlled valve.
 Check valve.
 Compensating bleeder valve.
 Compressor discharge valve.
 Compressor valve.
 Control and automatic cut-off valve.
 Control valve.
 Crank case draining-valve.
 Cream dispensing valve.
 Decompression valve.
 Diaphragm valve.
 Differential resistance valve.
 Discharge valve.
 Dispensing machine valve.
 Dispensing tap valve.
 Dispensing valve.
 Distributing valve.
 Drain valve.
 Drainage valve.
 Dry pipe valve.
 Electrically controlled valve.
 Electromagnet valve.
 Engineer's valve.
 Float operated valve.
 Float valve.
 Fluid pressure valve.
 Fluid valve.
 Flush valve.
 Flushing valve.
 Foot valve.
 Free discharge valve.
 Gas and fuel valve.
 Gas heater valve.
 Gas valve.
 Gate valve.
 Heat control valve.
 High pressure globe valve.
 High pressure valve.
 Hot gas valve.
 Humidity controlled valve.
 Hydrant and other valve.
 Hydrant drain valve.
 Hydraulic relief valve.
 Hydraulic valve.
 Level control valve.
 Valve. C. H. Armstrong. 2,023,350; Dec. 3.
 Valve. M. W. Banowetz. 2,010,251; Aug. 6.
 Valve. D. T. Barnett and M. W. Doty. 2,017,272; Oct. 15.
 Valve. A. Barrett. 1,992,732; Feb. 26.
 Valve. R. Barzyk. 1,996,398; Apr. 2.
 Valve. P. W. Beggs. 2,008,198; July 16.
 Valve. J. Bercesen, Sr. 2,019,244; Oct. 29.
 Valve. F. C. Binnall. 2,026,506; Dec. 31.
 Valve. B. Bohnenblust. 1,990,423; Feb. 5.
 Valve. G. S. Bowes. 2,005,128; June 18.
 Valve. L. L. Carson. 2,021,351; Nov. 19.
 Valve. J. P. Clifton. 2,011,333; Aug. 13.
 Valve. H. E. Cullen and H. O. Ronning. 2,000,883; May 7.
 Valve. P. P. Daniel. 1,996,192; Apr. 2.
 Valve. J. A. Dickinson. 2,025,665; Dec. 24.
 Valve. M. M. Drake. 2,026,163; Dec. 31.
 Valve. A. E. Drissner. 2,015,396; Sept. 24.
 Valve. F. A. Gauger. 2,013,439; Sept. 3.
 Valve. I. H. Goodman. 1,999,808; Apr. 30.
 Valve. L. F. C. Haas. 1,995,475; Mar. 26.
 Valve. J. Hansen. 1,997,863; Apr. 16.
 Valve. C. H. Hardies. 2,015,849; Oct. 1.
 Valve. A. G. Heggem. 1,989,009; Jan. 22.
 Valve. P. L. Irving. 2,001,251; May 14.
 Valve. J. E. Jones. 2,024,823; Dec. 17.
 Valve. G. L. Kennedy. 2,002,182; May 21.
- Light valve.
 Lock valve.
 Lubricated plug valve.
 Lubricated valve.
 Lubricator valve.
 Measuring valve.
 Metering valve.
 Mixing and distributing valve.
 Mixing valve.
 Motor operated valve.
 Needle valve.
 On-control valve.
 Packless valve.
 Percussive tool valve.
 Pilot valve.
 Plug valve.
 Pneumatic sending valve.
 Pneumatic valve.
 Poppet valve.
 Pop safety valve.
 Pressure actuated valve.
 Pressure control valve.
 Pressure indicator valve.
 Pressure reducing valve.
 Pressure regulating valve.
 Pressure responsive valve.
 Pressure valve.
 Pump valve.
 Quick action valve.
 Radiator admission valve.
 Reducing valve.
 Refrigerant valve.
 Regulating valve.
 Regulator valve.
 Relief-action valve.
 Relief valve.
 Reservoir release valve.
 Rotary valve.
 Safety gas valve.
 Safety shut-off valve.
 Safety valve.
 Self-sealing valve.
 Separator valve.
 Slide valve.
 Slow-opening valve.
 Snap acting valve.
 Snap action valve.
 Spout and shower diverter valve.
 Spring loaded valve.
 Steam pop-off valve.
 Stream-line flow valve.
 Submarine diving valve.
 Sun valve.
 Tank valve.
 Temperature controlled valve.
 Temperature relief valve.
 Tempering valve.
 Thermionic valve.
 Thermostatic gas valve.
 Thermostatic mixing valve.
 Thermostatic valve.
 Throttle valve.
 Time controlled valve.
 Tire valve.
 Tool valve.
 Train-line relief valve.
 Twin by-pass valve.
 Unloader valve.
 Vacuum and relief valve.
 Vacuum regulating valve.
 Vacuum relief valve.
 Waterglass valve.

- Valve. P. A. Kinzie. 1,998,458; Apr. 23.
 Valve. R. C. Lafferty, Jr. 1,989,870; Feb. 5.
 Valve. J. O. Lange. 2,000,853; May 7.
 Valve. R. W. Leach and W. H. Bateman. 1,999,592; Apr. 30.
 Valve. J. R. Long. 2,002,783; May 28.
 Valve. T. H. Mansfield. 2,023,765; Dec. 10.
 Valve. R. D. McIntosh. 1,992,902; Feb. 26.
 Valve. R. A. McIntyre. 2,025,296; Dec. 24.
 Valve. F. T. McNeelan and J. L. Garrison. 2,010,194; Aug. 6.
 Valve. A. R. Moffett. 1,994,958; Mar. 19.
 Valve. F. H. Morehead. 2,009,093; July 23.
 Valve. R. B. Newbern. 1,996,384; Apr. 2.
 Valve. E. R. Noll. 2,001,035; May 14.
 Valve. S. J. Nordstrom. 1,994,618; Mar. 19.
 Valve. S. J. Nordstrom. 2,000,494; May 7.
 Valve. S. J. Nordstrom. 2,012,578; Aug. 27.
 Valve. E. L. Payne and M. G. Lacy. 1,986,158; Jan. 1.
 Valve. J. Podolsky. 2,001,545; May 14.
 Valve. W. Rautenstrauch. 1,991,173; Feb. 12.
 Valve. M. F. Richardson. 1,987,974; Jan. 15.
 Valve. M. F. Richardson. 1,993,567; Mar. 5.
 Valve. M. F. Richardson. 2,016,390; Oct. 8.
 Valve. J. B. Rippe. 2,013,424; Sept. 3.
 Valve. G. A. Robertshaw. 2,002,550; May 28.
 Valve. J. Schultz and P. J. Tickey. 1,996,351; Apr. 2.
 Valve. A. L. Segelhorst and L. F. Davis. 1,989,429; Jan. 29.
 Valve. S. Sorensen. 2,002,647; May 28.
 Valve. P. Spence. 1,991,032; Feb. 12.
 Valve. P. Spence. 2,001,318; May 14.
 Valve. L. G. Speth. 2,010,329; Aug. 6.
 Valve. K. E. Stuart. 1,988,819; Jan. 22.
 Valve. A. Sugden. 1,987,135; Jan. 8.
 Valve. E. J. Svenson. 2,013,073; Sept. 3.
 Valve. F. W. Taylor. 2,019,747; Nov. 5.
 Valve. L. J. Tetlow. 2,022,791; Dec. 3.
 Valve. H. E. Toelle. 1,989,721-2; Feb. 5.
 Valve. B. B. Whittle and L. J. Towne. 2,023,349; Dec. 3.
 Valve. B. F. Williams. 2,011,601; Aug. 20.
 Valve. F. Yardley. 1,988,258; Jan. 15.
 Valve. J. G. Zolleis. 2,012,091; Aug. 20.
 Valve actuating device. G. M. Lardner. 2,022,888; Dec. 3.
 Valve actuating means. W. C. Stollberg. 2,022,442; Nov. 26.
 Valve actuating mechanism. F. G. Thwaites. 2,004,717; June 11.
 Valve actuating mechanism. F. V. Waltz. 1,997,842; Apr. 16.
 Valve actuating mechanism for Diesel engines. Spray. J. G. Oetzel. 2,025,245; Dec. 24.
 Valve and burner construction. R. F. Drezdon. 2,025,276; Dec. 24.
 Valve and control means therefor. Carburetor by-pass. L. H. Messinger, Jr. 2,017,914; Oct. 22.
 Valve and float. W. B. Nold. 2,022,430; Nov. 26.
 Valve and making the same. Two material extruded. E. A. McBride. 2,002,641; May 28.
 Valve and nozzle. Hose. H. G. Davis. 2,015,923; Oct. 1.
 Valve and operating mechanism therefor. A. Ruttman. 2,010,201; Aug. 6.
 Valve and operating the same. Electrically controlled. R. J. McFall and F. H. Roland. 2,016,507; Oct. 8.
 Valve and pedal arrangement in pressing machines. Steam. L. C. Kienzie. 1,999,463; Apr. 30.
 Valve and spring retainer therefor. F. E. Davidson. 2,023,265; Dec. 3.
 Valve and the like. Air. I. D. Perry. 1,992,764; Feb. 26.
 Valve and valve operating mechanism. F. H. Morehead and J. C. Martin, Jr. 2,025,244; Dec. 24.
 Valve apparatus for locomotives and like engines. Regulator. F. A. Boyes. 2,007,268; July 9.
 Valve apparatus for vacuum operated devices. Control. C. B. King. 2,009,696; July 30.
 Valve arrangement. H. Wesson. 2,021,342; Nov. 19.
 Valve assembly. C. S. Baker. 2,010,129; Aug. 6.
 Valve assembly. C. L. Brackett. 1,993,473; Mar. 5.
 Valve assembly. H. V. Haight. 1,986,810; Jan. 8.
 Valve assembly. H. S. Humphrey. 1,987,854; Jan. 15.
 Valve assembly. O. A. Sorensen. 2,016,460; Oct. 8.
 Valve assembly. Flush tank. W. Fillmann. 2,020,463; Nov. 12.
 Valve assembly for compensators. C. Sauzedde. 2,001,749; May 21.
 Valve assembly for fluid flow guns. Control. J. Grewe. 2,009,920; July 30.
 Valve assembly for well pumps. J. Penrod. 2,005,299; June 18.
 Valve bag. M. Vogel-Jorgensen. 2,026,178; Dec. 31.
 Valve bodies. Forming. S. W. Sparks. 2,021,703; Nov. 19.
 Valve bonnet. J. W. Dawson. 1,994,336; Mar. 12.
 Valve casings. Making. H. F. Vickers. 2,016,878; Oct. 8.
 Valve circuit. Electric. A. S. Fitz Gerald. 1,988,271; Jan. 15.
 Valve circuits. Thermionic. P. W. Willans. 2,015,506; Sept. 24.
 Valve compensating mechanism. B. G. Anderson. 1,994,743; Mar. 19.
 Valve compensator. H. D. Church. 2,019,444; Oct. 29.
 Valve connections to lead sheaths. Applying. A. Z. Mample. 1,998,766; Apr. 23.
 Valve construction. R. A. Light and J. W. Price, Jr. 1,993,891; Mar. 12.
 Valve construction. R. H. Gibbs. 2,019,257; Oct. 29.
 Valve construction. W. J. Masoner. 2,011,063; Aug. 13.
 Valve construction. I. E. McCabe. 2,023,143; Dec. 3.
 Valve construction. W. H. Phillips. 1,990,309; Feb. 5.
 Valve construction. F. L. Tarleton. 2,007,388; July 9.
 Valve construction. A. C. Wade. 2,017,824; Oct. 15.
 Valve construction. Gate. W. T. Pease. 2,000,352; May 7.
 Valve control. R. W. Crossen, Jr. 2,001,453; May 14.
 Valve control. H. S. Fraser. 2,024,761; Dec. 17.
 Valve control. C. B. Harts. 1,993,167; Mar. 5.
 Valve control. E. J. Panish. 2,007,658; July 9.
 Valve control. Carburetor. R. M. Callihan. 2,021,832; Nov. 19.
 Valve control for gas burners. Fuel. N. T. Branche. 2,019,114; Oct. 29.
 Valve control for internal combustion engines. S. Peterson. 1,988,018; Jan. 15.
 Valve control means. Choke. G. A. Yanochowski. 2,013,798; Sept. 10.
 Valve control mechanism. D. D. Goldberg. 2,025,411; Dec. 24.
 Valve control mechanism. Dual. S. J. Carmody. 2,025,440; Dec. 24.
 Valve control system. Automatic. C. J. Williamson and H. F. Suverkrup. 2,000,367; May 7.
 Valve control system. Electric. Erwin Kern. 2,015,018; Sept. 17.
 Valve controlling device. S. H. and F. D. Petersen. 1,997,977; Apr. 16.
 Valve controlling means for liquid dispensing systems. W. L. Marden. 2,016,867; Oct. 8.
 Valve controlling mechanism. Locomotive throttle. M. H. Roberts. 2,010,645; Aug. 6.
 Valve controlling system. P. DeLacy-Mulhall. 2,004,194; June 11.
 Valve converting apparatus. Electric. B. D. Bedford. 2,004,778; June 11.
 Valve converting apparatus. Electric. B. D. Bedford. 2,009,834; July 30.
 Valve-converting apparatus. Electric. H. Hintze. 1,988,947; Jan. 22.
 Valve converting apparatus. Electric. W. Petersen. 2,026,358; Dec. 31.
 Valve converting system. Electric. B. D. Bedford. 1,985,912; Jan. 1.
 Valve device. W. C. Card, Jr. 2,009,575; July 30.
 Valve device. E. E. Hewitt. 1,986,475; Jan. 1.
 Valve device. E. T. Wahlbom, L. C. Lind, and P. C. Wahlbom. 1,986,489; Jan. 1.
 Valve device. Application and release. J. F. Craig. 2,024,628; Dec. 17.
 Valve device. Check. C. C. Farmer. 2,007,677; July 9.
 Valve device. Check. C. C. Farmer. 2,008,133; July 16.
 Valve device for bleed opening. C. P. Howard. 1,997,365; Apr. 9.
 Valve device for gas meters. Fire. L. D. Lovekin. 2,020,558; Nov. 12.
 Valve device for use with a hot water supply. L. D. Lovekin. 1,988,907; Jan. 22.
 Valve device. Pressure retaining. C. C. Farmer. 2,024,685; Dec. 17.
 Valve device. Retaining. W. E. Dean, Jr. 2,021,838; Nov. 19.
 Valve device. Safety. P. H. Hamilton. 2,013,713; Sept. 10.
 Valve device. Thermostatic. E. L. Mayo. 1,986,235; Jan. 1.
 Valve device. Triple. J. N. Good. 2,014,890; Sept. 17.
 Valve driving mechanism. Rotary. J. B. White. 1,990,443; Feb. 5.
 Valve excitation circuits. Electric. E. F. W. Alexander. 2,006,979; July 2.
 Valve for air brake system. Triple. B. Pratt. 2,011,343; Aug. 13.
 Valve for air brakes. Check. G. Houplain. 2,025,454; Dec. 24.
 Valve for automatic sprinkler systems. Control. M. E. Halford. 2,003,884; June 4.
 Valve for collapsible tubes, bottles, and the like. Self-closing. K. S. Carlstrom. 2,014,881; Sept. 17.
 Valve for combination sewer drains. Odor-sealing. B. A. Cunningham. 2,001,901; May 21.
 Valve for combustion chambers. Spray. J. W. Smith. 1,986,418; Jan. 1.
 Valve for compressed air brakes. Driver's brake. F. Hildebrand and E. Möller. 2,015,181; Sept. 24.
 Valve for compressors. Cylinder relief. W. Raymond. 1,994,179; Mar. 12.
 Valve for compressors. Safety. G. Steven. 1,986,299; Jan. 1.
 Valve for containers. Control. E. M. Sargent. 2,006,369; July 2.
 Valve for corrosive fluids. A. B. Merrill. 1,998,882; Apr. 23.
 Valve for Diesel engines. Fuel pump. H. D. Hill. 1,999,693; Apr. 30.
 Valve for direct acting automatic brakes. Triple. F. Kasantzoff. 1,989,453; Jan. 29.
 Valve for drains. Back water. E. G. Stoltz. 1,993,354; Mar. 5.
 Valve for fermentation receptacle. Fluid operated. E. Stella. 2,023,153; Dec. 3.
 Valve for floor waxing devices. Regulating. G. E. McCants. 2,018,375; Oct. 22.
 Valve for flowing wells. F. V. Barycz. 2,023,632; Dec. 10.

- Valve for fluid pressure actuated brakes and the like, Control. F. G. Folberth and W. M. Folberth. 2,009,170; July 23.
- Valve for flushing hot water tanks and coils. O. E. Rhodes and F. L. Rockwell. 1,990,709; Feb. 12.
- Valve for force feed lubricating systems, Lubricant discharge. I. Cowles. 2,000,925; May 14.
- Valve for fuel feeding devices, Control. A. M. Hudelson. 1,989,986; Feb. 5.
- Valve for gas burners, Control. F. W. Stockmeyer. 2,000,002; Apr. 30.
- Valve for hot gas mains. H. L. Wetherbee. 1,995,727; Mar. 26.
- Valve for hot water heaters, Thermostatically operated. Feb. 19.
- Valve for hydraulic brake systems. E. F. Loweke. 1,985,936; Jan. 1.
- Valve for inflatable articles. H. Goldsmith. 1,990,374; Feb. 5.
- Valve for inflatable articles. W. E. Roedding. 1,994,790; Mar. 19.
- Valve for inflatable balls and the like. C. J. Crowley. 2,011,562; Aug. 20.
- Valve for internal combustion engines. R. C. Cross. 1,997,133; Apr. 9.
- Valve for internal combustion engines. G. W. Douglas and J. J. Dewey. 2,019,255; Oct. 29.
- Valve for internal combustion engines. A. F. Faber, Jr. 1,993,155; Mar. 5.
- Valve for internal combustion engines, Automatic cut-out. L. D. Watkins. 2,024,193; Dec. 17.
- Valve for internal combustion engines, Fuel injection. E. T. Vincent. 2,020,627; Nov. 12.
- Valve for internal combustion engines, Revolvable. H. C. Heinel. 2,004,912; June 11.
- Valve for internal combustion engines, Throttle. L. J. Scheid. 1,998,886; Apr. 23.
- Valve for liquid containers, Discharge. C. S. Phillips. 2,021,807; Nov. 19.
- Valve for liquid dispensers, By-pass. W. H. D. Brouse. 2,018,119; Oct. 22.
- Valve for locomotives, Drifting. C. Stern. 1,999,643; Apr. 30.
- Valve for mine pumps. F. T. Stockdale. 2,014,008; Sept. 10.
- Valve for obtaining compressed air from the compression chamber of a motor. J. E. Jonsson, R. W. Larsson, and A. J. Rylander. 2,007,718; July 9.
- Valve for oil well pumps, Plunger. W. C. Perry. 2,026,058; Dec. 31.
- Valve for paper pulp lines and the like, Conduit. J. Belanger and E. Durnin. 1,995,561; Mar. 26.
- Valve for pipings, Water sluice. K. Schlagenhauff. 2,010,416; Aug. 6.
- Valve for plunger lift devices, Period control. C. N. Scott. 2,013,111; Sept. 3.
- Valve for pneumatic tires. J. D. Lear. 1,989,994; Feb. 5.
- Valve for pneumatic tires, Safety. A. Lapp. 2,017,978; Oct. 22.
- Valve for pneumatic tools, Distributing. G. M. Nell. 2,017,287; Oct. 15.
- Valve for producing alternating currents, Ion. K. E. Erikson and U. Lamm. 2,005,458; June 18.
- Valve for pumping system, Gathering. H. E. La Bour. 1,987,070; Jan. 8.
- Valve for pumps and other fluid circulation apparatus or lines. R. H. Wainford. 2,021,532; Nov. 19.
- Valve for range oil burners. E. Hirvonen. 2,007,051; July 2.
- Valve for receptacle closures. E. J. Ray. 2,013,853; Sept. 10.
- Valve for refrigerating systems, Check. J. D. Jordan. 2,021,689; Nov. 19.
- Valve for refrigerating systems, Regulating. R. N. Bicknell. 2,022,583; Nov. 26.
- Valve for respirators, Check. H. F. Shindel. 2,011,088; Aug. 13.
- Valve for shock absorbers. R. I. Bates. 1,991,043; Feb. 12.
- Valve for slush pumps. J. Melott. 1,990,557; Feb. 12.
- Valve for slush pumps. J. M. Melott. 2,002,672; May 28.
- Valve for slush tanks, Manifold. C. L. McGuffin. 2,017,033; Oct. 8.
- Valve for soap dispensers. T. M. Jones. 2,014,652; Sept. 17.
- Valve for spray guns. W. L. Rowland. 2,026,191; Dec. 31.
- Valve for spray torches and the like. F. W. Coffing. 1,999,035; Apr. 23.
- Valve for steam lines, Automatically controlled multiple. C. E. Armstrong. 2,002,761; May 28.
- Valve for tank assemblies, Diaphragm. H. Hueber. 2,006,319; June 25.
- Valve for tank outlets, Adapter. V. Willoughby and W. L. Lapworth. 2,003,915; June 4.
- Valve for tanks, Safety. G. W. King. 1,994,770; Mar. 19.
- Valve for water closets, Flushing. J. M. Teahen. 2,011,782; Aug. 20.
- Valve gear. A. O. Judson. 2,013,609; Sept. 3.
- Valve gear. R. P. Lansing. 1,998,782; Apr. 23.
- Valve gear for axial or for radial engines. W. A. Coombs. 2,021,590; Nov. 19.
- Valve gear for explosion and internal combustion engines working on any cycle. J. E. Sersté. 2,019,161; Oct. 29.
- Valve gear for internal combustion engines. L. Eberman. 2,007,708; July 9.
- Valve gear for operating dual valves. G. E. A. Hallett. 1,996,807; Apr. 9.
- Valve gear operating mechanism. R. Daub. 1,993,875; Mar. 12.
- Valve generator, Stabilizing the frequency of a. E. B. Moullin. 2,005,236; June 18.
- Valve grinder dressing tool. F. O. Albertson. 1,999,435; Apr. 30.
- Valve grinding machinery. C. I. Lott. 1,999,198; Apr. 30.
- Valve grinding tool. L. O. Beard. 1,994,680; Mar. 19.
- Valve grinding tool. J. J. Drohan. 1,994,986; Mar. 19.
- Valve guide. F. A. Lower. 1,995,572; Mar. 26.
- Valve guide cleaning device. C. E. Sturgis. 2,020,442; Nov. 12.
- Valve guide, Flush. E. Schubert. 2,016,840; Oct. 8.
- Valve handle. F. J. Pardieck. 2,013,578; Sept. 3.
- Valve head for soot blowers. F. C. Arey and D. E. Hibner, Jr. 1,995,198; Mar. 19.
- Valve keeper inserter. H. W. Kulp and M. C. Dellinger. 1,996,726; Apr. 2.
- Valve lash adjusting mechanism. G. A. Lovett. 2,011,863; Aug. 20.
- Valve lifter and spring compressor, Combined. J. Sunnen. 2,004,590; June 11.
- Valve lock for transmitter-supervised sprinkler systems, Key-trapping. R. M. Hopkins. 1,991,504; Feb. 19.
- Valve mechanism. V. V. Beckel. 1,990,516; Feb. 12.
- Valve mechanism. L. J. Clapp. 1,998,444; Apr. 23.
- Valve mechanism. O. Duda. 2,001,818; May 21.
- Valve mechanism. A. Gerlich. 1,998,080-1; Apr. 16.
- Valve mechanism. W. R. Griswold. 2,011,243; Aug. 13.
- Valve mechanism. F. A. Halleck. 1,996,762-3; Apr. 9.
- Valve mechanism. C. E. Hatcher, M. Christensen, and C. M. Hatcher. 2,011,812; Aug. 20.
- Valve mechanism. H. Jezler. 2,003,081; May 28.
- Valve mechanism. J. Le Valley. 1,989,831; Jan. 8.
- Valve mechanism. F. A. Lind. 2,002,270; May 21.
- Valve mechanism. R. Miller and W. K. Newcomb. 1,999,967; Apr. 30.
- Valve mechanism. R. E. Peo. 2,021,427; Nov. 19.
- Valve mechanism. F. H. Schoenfeld. 2,011,690; Aug. 20.
- Valve mechanism. A. C. Staley. 2,011,790; Aug. 20.
- Valve mechanism. F. C. Temple. 1,993,195; Mar. 5.
- Valve mechanism. F. G. Thwaites. 2,004,715; June 11.
- Valve mechanism. L. J. Vetrano. 1,990,762; Feb. 12.
- Valve mechanism adjusting device. H. M. Lochrane. 1,987,239; Jan. 8.
- Valve mechanism, Drain. S. Gerrard and F. E. Payne. 1,995,174; Mar. 19.
- Valve mechanism, Evaporator. F. G. Slagel. 1,986,376; Jan. 1.
- Valve mechanism, Flushing. W. A. Lester. 2,001,390; May 14.
- Valve mechanism for car tanks. C. H. Folmsbee. 2,011,314; Aug. 13.
- Valve mechanism for explosive engines. A. A. Smith. 2,011,124; Aug. 13.
- Valve mechanism for internal combustion engines. G. W. Brady. 2,015,135; Sept. 24.
- Valve mechanism for internal combustion engines. H. Caminez. 2,024,334; Dec. 17.
- Valve mechanism for internal combustion engines. E. R. Marten and G. F. Nolten. 1,998,396; Apr. 16.
- Valve mechanism for internal combustion engines. T. N. Smith. 1,992,721; Feb. 26.
- Valve mechanism for internal combustion motors. B. T. Leveque. 1,994,223; Mar. 12.
- Valve mechanism for portable tools. R. A. Norling. 1,999,369; Apr. 30.
- Valve mechanism for rock drills. G. H. Fuehrer. 1,999,680; Apr. 30.
- Valve mechanism for rock drills. W. A. Smith, Sr. 2,016,124; Oct. 1.
- Valve mechanism for servo-motors. C. A. Butler. 2,023,462; Dec. 10.
- Valve mechanism, Making. J. S. Keen and T. F. Sinnott. 1,998,241; Apr. 16.
- Valve mechanism, Needle. O. C. Ritz Woller. 1,991,875; Feb. 19.
- Valve mechanism, Rotary. C. C. Kemp. 1,997,491; Apr. 9.
- Valve mechanism, Snap action. R. E. Newell. 1,988,956; Jan. 22.
- Valve mechanism, Unit. J. Braunwalder. 2,019,043; Oct. 29.
- Valve member, Flexible. E. B. Lynde. 1,992,495; Feb. 26.
- Valve mounting for refrigerator compressors. L. G. Knapp. 2,020,508-9; Nov. 12.
- Valve of explosion motors or internal combustion engines. L. Salves. 1,987,160; Jan. 8.
- Valve-operated mechanism. R. S. Elberty, Jr. 2,005,891; June 25.
- Valve operating attachment for carburetors, Choke. J. C. Harbison. 1,995,452; Mar. 26.
- Valve operating device, Automatic. G. M. Lardner. 2,007,453; July 9.
- Valve operating device, Check. E. L. Rowe and S. Taylor. 2,001,941; May 21.
- Valve operating means. E. B. Cottingham. 2,019,252; Oct. 29.
- Valve operating mechanism. V. O. Beam. 2,025,264; Dec. 24.

- Valve operating mechanism. H. E. Blomgren. 2,023,396; Dec. 10.
- Valve operating mechanism. C. L. Brackett. 1,995,665; Mar. 26.
- Valve operating mechanism. H. J. Hanzlik. 1,986,416; Jan. 1.
- Valve operating mechanism. L. Magney. 2,017,317; Oct. 15.
- Valve operating mechanism. K. R. Nisbet. 1,988,212; Jan. 15.
- Valve operating mechanism. A. R. Packard. 1,990,090; Feb. 5.
- Valve operating mechanism. H. F. Schmidt. 1,986,415; Jan. 1.
- Valve operating mechanism, Pneumatic. A. W. Munoz. 2,014,906; Sept. 17.
- Valve operating rod for locomotives. H. A. Hoke. 2,007,569; July 9.
- Valve or bulb for flush tanks. F. M. Heath. 1,997,728; Apr. 16.
- Valve or cock, High pressure. W. D. Shaffer and A. L. Cone. 2,007,664; July 9.
- Valve or valve fitting. J. S. Forbes and E. J. Kimm. 2,006,712; July 2.
- Valve organization. A. M. Cramer. 2,016,413; Oct. 8.
- Valve organization for gas ranges. E. E. Hodgkin, W. W. Wodell, and H. Lange. 2,002,089; May 21.
- Valve port sealing device. J. A. Anglada and A. H. Asprooth. 2,017,196-7; Oct. 15.
- Valve protecting device. J. H. Howard. 2,010,992; Aug. 13.
- Valve regulating means. D. H. Ebinger. 1,988,941; Jan. 22.
- Valve reseating tool. R. P. Norton. 1,996,118; Apr. 2.
- Valve rod coupling, Fire hydrant. H. M. Lofton. 2,018,455; Oct. 22.
- Valve sealing apparatus. R. G. Hawker. 1,993,479; Mar. 5.
- Valve seat. J. A. Weiger. 2,004,259; June 11.
- Valve seat construction for engines and the like. E. T. Larkin. 2,017,154; Oct. 15.
- Valve seat dressing device. A. Misch. 2,019,790; Nov. 5.
- Valve-seat facing tool. H. M. Albee. 2,026,488; Dec. 31.
- Valve seat gauge. F. O. Albertson and A. Madsen. 1,996,092; Apr. 2.
- Valve seat grinding machine. F. O. Albertson. 1,989,905; Feb. 5.
- Valve seat insert. G. E. Meeker. 2,007,543; July 9.
- Valve seat inserts, Device for mounting. W. G. Calkins. 2,008,002; July 16.
- Valve seat inserts, Forming. C. B. McDonald. 1,987,784; Jan. 15.
- Valve seat refacing tool. L. O. Beard. 1,988,411; Jan. 15.
- Valve seat. Repair. J. Weir. 2,001,830; May 21.
- Valve seat resurfacing tool. E. O'Malley. 2,011,688; Aug. 20.
- Valve seat ring. A. Stoll. 1,993,489; Mar. 5.
- Valve seat ring securing tool. F. O. Albertson. 1,999,434; Apr. 30.
- Valve seats for internal combustion engines and similar mechanisms, Constructing. G. W. Smith, Jr. 1,999,599; Apr. 30.
- Valve seats, Grinding. F. O. Albertson. 1,991,834; Feb. 19.
- Valve spring. H. Krebs. 2,005,089; June 18.
- Valve spring compressor and lock. B. W. Baughman. 2,015,061; Sept. 24.
- Valve spring lifter. H. A. Berkman. 2,008,485; July 16.
- Valve spring lifter. H. W. Kulp and M. C. Dellinger. 1,998,547; Apr. 23.
- Valve stamping device. M. Kálman. 2,005,038; June 18.
- Valve stem. J. H. Clo. 2,008,096; July 16.
- Valve stem. J. C. Crowley. 2,015,592; Sept. 24.
- Valve stem. F. H. Watson. 2,018,584; Oct. 22.
- Valve stem assembly. J. Ingram. 1,995,100; Mar. 19.
- Valve stem, Automatic safety. B. Greco. 2,022,196; Nov. 26.
- Valve stem cap lock. F. N. Gasdorf. 1,998,050; Apr. 16.
- Valve stem for pneumatic tubes. H. M. Flint. 2,015,070; Sept. 24.
- Valve stem, Retractable. E. C. Kastner. 2,007,916; July 9.
- Valve stopper. F. Schlueter. 1,986,484; Jan. 1.
- Valve structure. C. G. Adsit. 2,015,915; Oct. 1.
- Valve structure. W. A. Eaton and S. Vorech. 2,018,202; Oct. 22.
- Valve structure. E. D. Flintermann. 1,995,845; Mar. 26.
- Valve structure. E. A. Hazan. 1,996,675; Apr. 2.
- Valve structure. J. C. Hanna and M. W. Sherwood. 2,009,616; July 30.
- Valve structure. D. L. McNeal. 2,014,948; Sept. 17.
- Valve structure. H. R. Minor. 1,986,592; Jan. 1.
- Valve structure. J. R. Replogle. 2,015,126; Sept. 24.
- Valve structure. R. C. Stephens. 2,026,196; Dec. 31.
- Valve structure. F. G. Thwaites. 2,004,716; June 11.
- Valve structure. J. W. Weaver. 1,997,955; Apr. 16.
- Valve structure for compressors and pumps. E. E. Arnold. 2,000,735; May 7.
- Valve structure for hydraulic shock absorbers, Thermo-static. R. F. Peo. 2,005,751; June 25.
- Valve structure for internal combustion engines. C. E. Berstler. 1,994,167; Mar. 12.
- Valve system. H. S. Pardee. 2,009,515; July 30.
- Valve system for tanks, Hydraulic. P. S. Shield. 2,009,639; July 30.
- Valve tappet. H. Ford. 1,998,612; Apr. 23.
- Valve-tappet, Self-adjusting mechanical. C. E. Johnson. 1,986,579; Jan. 1.
- Valve tappet, Self locking. C. E. Johnson. 1,993,996; Mar. 12.
- Valve tappets, Making. C. H. Sterling. 1,991,582; Feb. 19.
- Valve tappets, Producing hardened cast iron. J. L. Dostal. 2,008,854; July 23.
- Valve timing device. F. Hauser. 2,019,008; Oct. 29.
- Valve tool. H. W. Kulp and M. C. Dellinger. 1,998,548; Apr. 23.
- Valve transmitter for short waves. D. Prinz. 2,007,662; July 9.
- Valve tripping circuit, Electric. C. W. La Pierre, M. S. Mead, and F. B. Menger. 2,016,147; Oct. 1.
- Valve unit, Hydraulically operated. A. E. Jurs. 2,019,786; Nov. 5.
- Valve washer. G. W. Haury. 2,008,101; July 16.
- Valve with lock cover, Quick coupling. W. A. Buckner. 1,996,900; Apr. 9.
- Valves, Bonnet construction for. W. W. Mohr. 1,995,395; Mar. 26.
- Valves by means of fluid pressure from any desired distance, Attachment for operating gate. C. Hall, Jr. 2,012,003; Aug. 20.
- Valves, Forming. J. B. Hill. 1,987,234; Jan. 8.
- Valves, Forming hollow forged. W. Scrimgeour. 1,992,245; Feb. 26.
- Valves in pipe lines, Apparatus for inserting. A. C. Nieman. 1,989,768; Feb. 5.
- Valves, Making. C. H. L. Flintermann. 2,009,045; July 23.
- Valves, Making. L. W. Gering, Jr. 2,009,996; Aug. 6.
- Valves, Making. O. Hedlund. 2,004,528; June 11.
- Valves, Making composite. E. M. May. 2,011,007; Aug. 13.
- Valvular control. H. H. Canterbury. 2,014,038; Sept. 10.
- Vane for recovery of energy in propeller slip-stream. J. M. Gwinn, Jr. 2,006,805; July 2.
- Vane instrument, Transversely magnetized. R. G. Arey and H. T. Faus. 2,002,445; May 21.
- Vane type pump. H. F. Vickers. 1,989,900; Feb. 5.
- Vanity box. A. Dupret. 1,992,523; Feb. 26.
- Vanity box. E. Farkas. 2,003,355; June 4.
- Vanity box. M. F. P. Murray. 2,009,561; July 30.
- Vanity case. P. J. Callowhill. 2,025,971; Dec. 31.
- Vanity case. A. R. Chisholm. 2,017,852; Oct. 22.
- Vanity case. J. Kreisler. 1,987,533; Jan. 8.
- Vanity case. J. Kreisler. 2,010,521; Aug. 6.
- Vanity case. J. H. E. Lessard. 1,999,328; Apr. 30.
- Vanity case. H. M. Methven. 1,990,195; Feb. 5.
- Vanity case. A. F. Reilly. 2,001,690; May 14.
- Vanity case. W. E. Sherbondy. 2,014,266; Sept. 10.
- Vanity case. F. M. Williamson. 2,005,835; June 25.
- Vanity case and analogous article. D. H. Zell. 2,010,909; Aug. 13.
- Vanity case construction. A. F. Reilly. 2,001,691; May 14.
- Vanity case or similar article. J. E. Peterson. 2,007,812; July 9.
- Vapor condenser. J. C. Mahoney. 2,006,681; July 2.
- Vapor discharge device. C. Braband. 2,016,885; Oct. 8.
- Vapor discharge device. C. Braband. 2,022,534; Nov. 26.
- Vapor-electric control system. A. S. Fitz Gerald. 1,989,187; Jan. 29.
- Vapor electric converter. D. Silverman and L. R. Lulwig. 2,015,538; Sept. 24.
- Vapor electric device. L. R. Ludwig and J. Slepian. 2,011,643; Aug. 20.
- Vapor electric device. F. H. Reid. 1,991,910; Feb. 19.
- Vapor electric device. F. H. Reid. 2,020,962; Nov. 12.
- Vapor electric device. H. C. Rentschler and D. E. Henry. 2,019,633; Nov. 5.
- Vapor electric device. W. F. Winter, Jr. 1,998,299; Apr. 16.
- Vapor electric discharge device. A. W. Hull. 2,022,509; Nov. 26.
- Vapor-lock, Apparatus for testing. W. A. Moor. 2,026,137; Dec. 31.
- Vapor, Method of and apparatus for utilizing. R. M. and H. Ostermann. 2,015,364; Sept. 24.
- Vapor phase cracking. C. B. Buerger. 2,019,070; Oct. 29.
- Vapor phase cracking apparatus. I. M. Levine. 2,024,823; Dec. 17.
- Vapor phase production of ammonium nitrate, Process and apparatus for the. H. A. Beekhuis, Jr. 2,011,704; Aug. 20.
- Vapor phase reactions, Effecting organic. J. C. Woodhouse. 2,003,477; June 4.
- Vapor pressure control means. E. H. Reid. 2,016,120; Oct. 1.
- Vapor pressure, Method and apparatus for continuously determining. E. P. Valby and M. L. Arnold. 2,002,101; May 21.
- Vaporizer. L. A. Headen. 2,017,497; Oct. 15.
- Vaporizer. G. O. Lehmann. 2,020,364; Nov. 12.
- Vaporizer. C. J. Loos and L. J. Miller. 2,005,229; June 18.
- Vaporizer. R. Riegler. 1,988,750; Jan. 22.
- Vaporizer. J. Robinson. 2,024,249; Dec. 17.
- Vaporizer. W. Schmidt. 2,005,244; June 18.
- Vaporizer. R. C. Seyforth. 2,008,426; July 16.
- Vaporizer. H. H. Turner. 2,012,525; Aug. 27.

- Vaporizer and burner, Fuel. C. A. French. 2,005,541; June 18.
- Vaporizer, Electrical. J. Robinson. 2,000,988; May 14.
- Vaporizer for automotive mechanisms. J. Greco and V. Vacirca. 1,990,688; Feb. 12.
- Vaporizer, Gasoline. I. W. Wepplo. 2,010,973; Aug. 13.
- Vaporizer in atmosphere of electrically charged gas. E. R. Gould. 2,016,491; Oct. 8.
- Vaporizing apparatus, Portable. E. Brown. 2,023,402; Dec. 10.
- Vaporizing, mixing, and feeding means. M. E. Hatchmann. 1,993,168; Mar. 5.
- Vapors, Apparatus for refining. O. D. Lucas and E. J. Lush. 1,990,608; Feb. 12.
- Vapors from gas mixtures, Condensing. F. Pollitzer and P. Schuffan. 2,022,782; Dec. 3.
- Vapors or gases, Apparatus for drying. T. Wallis and O. Falek. 2,009,569; July 30.
- Vapors vented from storage tanks, Apparatus for and method of recovering. LeR. D. Giley. 2,004,074; June 4.
- Variable capacity pump. H. Centervall. 1,991,377; Feb. 19.
- Variable capacity pump. H. Centervall. 2,001,706; May 21.
- Variable capacity pump. F. P. Zierden. 1,988,407; Jan. 15.
- Variable compensation for controlling the supporting strength of vehicle body resilient suspension means. G. H. Taber. 2,018,427; Oct. 22.
- Variable condenser. S. Cohen. 1,992,161; Feb. 19.
- Variable condenser. S. Cohen. 1,995,669; Mar. 26.
- Variable condenser. M. G. Crosby. 2,012,710; Aug. 27.
- Variable condenser. C. A. Mayer. 2,005,098; June 18.
- Variable condenser, Electric. P. Grassmann. 2,001,459; May 14.
- Variable intensity lamp. C. E. and G. R. Ferree. 1,986,052; Jan. 1.
- Variable mica condenser. W. M. Bailey. 2,000,686; May 7.
- Variable reactor. W. G. Nagel and L. E. Severson. 2,013,106; Sept. 3.
- Variable resistance device. F. L. Creager. 2,005,456; June 18.
- Variable resistance element. E. G. Lodge. 2,023,603; Dec. 10.
- Variable resistor. A. C. Henry. 1,992,529; Feb. 26.
- Variable sign. L. S. Murphy. 1,987,863; Jan. 15.
- Variable speed gear. R. T. Stock. 2,021,526; Nov. 19.
- Variable speed motor. C. B. Krause. 1,996,476; Apr. 2.
- Variable speed transmission. A. Y. Dodge. 2,006,160; June 25.
- Variable stroke pump. W. H. and C. G. Swartz. 1,998,772; Apr. 23.
- Variable thrust mechanism, Centrifugal. I. B. Laskowitz. 2,009,780; July 30.
- Variable voltage lamp. C. H. Braselton. 2,007,921; July 9.
- Variation in the speed of the electrons in the case of Braun tubes, Device for preventing. M. von Ardenne. 1,993,468; Mar. 5.
- Variegated surface and display material and device. A. E. Taylor. 1,990,421; Feb. 5.
- Variometer. P. J. Snider. 2,014,820; Sept. 17.
- Variometer, Self-inductance. H. Rochow. 2,018,231; Oct. 22.
- Varnish. R. B. Croad. 2,015,137; Sept. 24.
- Varnish and lacquer remover. C. Ellis. 2,009,357; July 23.
- Varnish and making same, Gas proof. J. Hyman. 2,012,279; Aug. 27.
- Varnish and product coated therewith, Oil acid. A. M. Alvarado. 1,990,474; Feb. 12.
- Varnish and resin therefor. H. A. Gardner. 1,992,570; Feb. 26.
- Varnish, Asphaltene. A. M. Alvarado. 1,990,475; Feb. 12.
- Varnish composition, Synthetic. J. C. Woodruff. 2,010,123; Aug. 6.
- Varnishes from phenol-aldehyde condensation products, Preparing air-drying. F. Seebach. 1,998,098; Apr. 16.
- Varnishing machine. V. E. McMullen. 1,991,620; Feb. 19.
- Vase, Enclosable. W. C. Grueneberg. 1,995,771; Mar. 26.
- Vat, Cream ripening. A. Bröer. 1,999,081; Apr. 23.
- Vault. A. Begun and R. W. Wise. 2,018,941; Oct. 29.
- Vault, Burial. C. O. A. Brunk. 2,000,919; May 14.
- Vault, Burial. H. G. Helfenstein. 2,017,623; Oct. 15.
- Vault, Burial. T. R. Herbest, Jr. 2,010,232; Aug. 6.
- Vault, Burial. V. G. Kropp. 2,024,047; Dec. 10.
- Vault, Burial. R. H. Morris. 1,985,903; Jan. 1.
- Vault, Burial. E. Murphy and V. C. Sterrett. 2,026,428; Dec. 31.
- Vault, Burial. F. E. Ninde. 2,012,016; Aug. 20.
- Vault, Burial. J. W. Prince. 2,018,571; Oct. 22.
- Vault, Burial. J. D. Rensler. 1,987,026; Jan. 8.
- Vault, Burial. E. W. Wilson. 2,004,454; June 11.
- Vault entrance control, Antikidnapping. C. C. Schweiso. 2,021,925; Nov. 26.
- Vault lowering device, Burial. C. W. Goodman. 2,008,444; July 16.
- Vault, Portable burial. H. F. Harris. 2,007,119; July 2.
- Vault seal, Burial. A. F. Holz. 2,019,413; Oct. 29.
- Vegetable cutting device. O. M. Anderson and F. W. Juengst. 2,014,712; Sept. 17.
- Vegetable-fiber material, Preservation of. F. E. Cislak. 2,022,231; Nov. 26.
- Vegetable fibers and product resulting therefrom, Treating. T. P. Haughey. 1,986,970; Jan. 8.
- Vegetable fibers, Bleaching. I. J. Smith. 2,020,437; Nov. 12.
- Vegetable fibers, Treating. A. Bodmer and E. Weiss. 2,002,106; May 21.
- Vegetable fibers, Treating. R. H. McKee and E. H. Morse. 2,018,276; Oct. 22.
- Vegetable fibers, Treating. W. T. Reddish. 1,991,335; Feb. 12.
- Vegetable growths to produce cellulose, Digestion of. H. B. Kipper. 1,987,195; Jan. 8.
- Vegetable growths to produce cellulose, Digestion of. H. B. Kipper. 2,005,190; June 18.
- Vegetable matter against injurious animal life, Protection of. P. T. Sharples. 2,019,275; Oct. 29.
- Vegetable peeling machine. W. L. Laib. 2,009,627; July 30.
- Vegetable washer. F. A. Knight. 1,999,814; Apr. 30.
- Vegetable washer. T. Martin. 1,999,817; Apr. 30.
- Vegetable washing device. H. B. Rogers. 2,014,053; Sept. 10.
- Vegetables and the like, Device for cutting and pressing. H. J. Marlowe. 2,003,299; June 4.
- Vegetables in the raw state, Preserving fresh. J. Pettipas. 1,998,384; Apr. 16.
- Vegetation and the like, Controlling growth of. H. H. Howeth. 1,998,238; Apr. 16.
- Vegetation, Protecting. C. W. Towt. 1,998,856; Apr. 23.
- Vehicle. G. M. Barnes. 2,019,482; Nov. 5.
- Vehicle. G. M. Barnes and W. E. Preston. 2,024,199; Dec. 17.
- Vehicle. H. W. Bell. 1,989,733; Feb. 5.
- Vehicle. C. T. Bloomquist. 1,991,782; Feb. 19.
- Vehicle. H. J. Dillon. 2,004,748-9; June 11.
- Vehicle. V. W. Kliesrath. 2,007,202; July 9.
- Vehicle. V. W. Kliesrath. 2,015,682; Oct. 1.
- Vehicle. V. W. Kliesrath. 2,019,139; Oct. 29.
- Vehicle. J. A. Purves. 2,009,904; July 30.
- Vehicle. E. Reiner and A. Hüper. 2,018,090; Oct. 22.
- Vehicle. W. M. Sheehan. 2,001,751; May 21.
- Vehicle. W. M. Sheehan. 2,002,356; May 21.
- Vehicle. S. Smith. 1,998,528; Apr. 23.
- Vehicle. E. J. Stahl. 2,011,596; Aug. 20.
- Vehicle. W. Swallow. 2,012,057; Aug. 20.
- Vehicle actuated gate. O. D. Boardman. 1,988,889; Jan. 22.
- Vehicle actuated gate. O. D. Boardman. 2,017,939; Oct. 22.
- Vehicle actuated signal. C. A. Glock. 2,007,715; July 9.
- Vehicle, Amphibious. F. Hayden. 1,992,913; Feb. 26.
- Vehicle and pilot means therefor. D. W. Main. 2,002,901; May 28.
- Vehicle and sleeping berth construction. D. E. Austin. 1,991,536; Feb. 19.
- Vehicle, Automotive. R. K. Lee. 1,995,031; Mar. 19.
- Vehicle blocking device. K. A. Brainard. 2,017,749; Oct. 15.
- Vehicle bodies and other structures, Construction of motor. S. Sewall. 2,012,591; Aug. 27.
- Vehicle body. J. W. Clements. 1,987,361; Jan. 8.
- Vehicle body. J. B. Coble. 2,007,295; July 9.
- Vehicle body. J. R. Hughes. 1,987,297; Jan. 8.
- Vehicle body. A. E. Northup. 2,023,238; Dec. 3.
- Vehicle body. F. M. Reid. 2,022,869; Dec. 3.
- Vehicle body. F. J. Westrope. 2,002,596; May 28.
- Vehicle body and top construction. J. Votypka. 2,000,626; May 7.
- Vehicle body construction. J. W. J. Ackermans. 2,020,346; Nov. 12.
- Vehicle body construction. A. P. Ball. 2,019,111; Oct. 29.
- Vehicle body construction. H. A. Johnson. 2,001,877; May 21.
- Vehicle body construction. T. D. Lazarides. 2,006,956; July 2.
- Vehicle body construction. W. Marshall. 2,019,614; Nov. 5.
- Vehicle body construction. J. J. Punke. 2,014,030; Sept. 10.
- Vehicle body construction. C. E. Schutte. 2,009,637; July 30.
- Vehicle body construction. A. L. Stiles. 1,990,757; Feb. 12.
- Vehicle body construction, Delivery. C. E. Wexelberg and G. N. Lillygren. 2,020,817; Nov. 12.
- Vehicle body construction having removable posts. T. D. Lazarides. 2,006,957; July 2.
- Vehicle body panels, Making. A. P. Ball. 2,021,095; Nov. 12.
- Vehicle body, Passenger. D. E. Austin. 1,998,697; Apr. 23.
- Vehicle body, Sealed. W. W. Simmons, Jr. 2,010,932; Aug. 13.
- Vehicle body structure. R. B. Simning. 1,998,853; Apr. 23.
- Vehicle-body support. H. Schütte. 2,013,994; Sept. 10.
- Vehicle body top capable of being stowed away. G. A. Paulin. 2,007,873; July 9.
- Vehicle body ventilation. A. J. Fisher. 1,998,126; Apr. 16.
- Vehicle bogie construction. H. W. Jonkhoff. 2,015,310-11; Sept. 24.
- Vehicle box and rack, Convertible. H. E. Wilkert. 2,015,054; Sept. 17.
- Vehicle brake. E. Bird. 1,997,807; Apr. 16.
- Vehicle brake. P. M. Bourdon. 1,992,117; Feb. 19.
- Vehicle brake. H. Clark. 1,995,880; Mar. 26.

- Vehicle brake. J. H. Fleagle. 1,997,253; Apr. 9.
 Vehicle brake. F. G. and W. M. Folberth. 2,011,334; Aug. 13.
 Vehicle brake. H. Ford. 1,993,993; Mar. 12.
 Vehicle brake. H. W. Otis. 2,020,201; Nov. 5.
 Vehicle brake. A. D. Pentz. 2,022,254; Nov. 26.
 Vehicle brake. E. J. W. Ragsdale. 2,006,479; July 2.
 Vehicle brake. C. A. Sawtelle. 2,012,025; Aug. 20.
 Vehicle brake. C. A. Sawtelle. 2,024,808; Dec. 17.
 Vehicle brake. J. Sneed. 2,016,875; Oct. 8.
 Vehicle brake. E. R. Weaver. 1,989,726; Feb. 5.
 Vehicle brake. H. E. White. 2,002,990; May 28.
 Vehicle brake, Motor. F. H. Sharar. 2,004,556; June 11.
 Vehicle brake, Self-adjusting. R. B. Simning. 2,009,681; July 30.
 Vehicle braking system. J. W. Logan, Jr. 2,012,747; Aug. 27.
 Vehicle bumper bar. A. A. Thomas. 1,988,924; Jan. 22.
 Vehicle cab. H. J. Dillon. 1,995,501; Mar. 26.
 Vehicle chassis frame, Motor. A. L. Marvel and D. E. Semon. 2,002,823; May 28.
 Vehicle chassis lubricating mechanism. G. R. Siegrist. 2,003,013; May 28.
 Vehicle, Child's. L. Back. 1,987,385; Jan. 8.
 Vehicle construction. J. C. Cox. 1,994,504; Mar. 19.
 Vehicle construction. J. R. Hughes. 2,024,289; Dec. 17.
 Vehicle construction. J. F. Knapp. 2,022,916; Dec. 3.
 Vehicle construction. R. H. Rosenberg. 2,007,134; July 2.
 Vehicle construction, Land. L. H. Thoen. 2,000,364; May 7.
 Vehicle construction, Motor. H. Hueber. 2,006,320; June 25.
 Vehicle, Container carrying. F. K. Fildes. 1,989,920; Feb. 5.
 Vehicle, Container carrying. F. K. Fildes. 2,021,503; Nov. 19.
 Vehicle control, Aerial. H. H. Semmes. 2,006,515; July 2.
 Vehicle control apparatus, Automotive. F. G. and W. M. Folberth. 2,015,450; Sept. 24.
 Vehicle control mechanism, Automotive. F. G. and W. M. Folberth. 1,994,244; Mar. 12.
 Vehicle control, Motor. W. B. Fageol. 2,003,431; June 4.
 Vehicle, Convertible child's. S. Botteese. 2,001,929; May 21.
 Vehicle cooling system, Motor. H. Hueber. 2,002,319; May 21.
 Vehicle coupling, Flexible and resilient. L. E. Lubbers. 1,996,162; Apr. 2.
 Vehicle cushioning drive means. B. O. Walters. 1,989,837; Feb. 5.
 Vehicle, Delivery. H. T. Thomas. 2,004,385; June 11.
 Vehicle direction indicator. R. Helmenann. 2,012,667; Aug. 27.
 Vehicle direction signal. R. E. Gillespie. 2,017,798; Oct. 15.
 Vehicle direction signal. A. A. Martinez. 2,004,289; June 11.
 Vehicle direction signal. F. C. Svoboda. 1,987,086; Jan. 8.
 Vehicle direction signal. H. Tonai. 2,025,624; Dec. 24.
 Vehicle door support. R. I. Schonitzer. 2,024,885; Dec. 17.
 Vehicle drive. F. R. Higley. 1,991,094; Feb. 12.
 Vehicle drive, Motor. C. M. McLanahan. 2,005,263; June 18.
 Vehicle driven by internal combustion engines through electric transmission apparatus. E. Luchsinger. 2,025,468; Dec. 24.
 Vehicle, Dual drive road. R. B. Fageol. 1,992,365; Feb. 26.
 Vehicle, Dumping. A. W. Baldwin. 1,997,329; Apr. 9.
 Vehicle, Dumping. W. B. and F. R. Fageol. 1,996,540; Apr. 2.
 Vehicle, Endless track. J. V. Carden. 2,019,654; Nov. 5.
 Vehicle, Endless track. L. Martingue. 2,023,737; Dec. 10.
 Vehicle for high-speed railways, Rail motor. E. K. Roscher. 1,993,456; Mar. 5.
 Vehicle, Flexible. F. A. Hoffman. 2,017,596; Oct. 15.
 Vehicle frame. J. Ledwinka. 2,001,846; May 21.
 Vehicle frame construction. A. H. Haberstump. 2,012,813; Aug. 27.
 Vehicle frame, Motor. J. G. Holmstrom. 2,012,010; Aug. 20.
 Vehicle frames, Mounting. J. R. Konetsky. 2,024,528; Dec. 17.
 Vehicle, Free-wheeling. F. J. Plym. 1,995,397; Mar. 26.
 Vehicle, Freight. G. E. Corby and H. C. Tunberg. 2,019,656; Nov. 5.
 Vehicle handling and storing apparatus. W. J. Aitken. 2,016,662; Oct. 8.
 Vehicle handling apparatus. A. N. Becker. 2,014,351; Sept. 10.
 Vehicle head lamp. V. J. Roper. 2,006,964; July 2.
 Vehicle headlight lamp. E. Astor. 2,020,130; Nov. 5.
 Vehicle headlighting system, Motor. K. D. Chambers. 1,992,188; Feb. 26.
 Vehicle hoist frame. A. Derossi. 2,020,174; Nov. 5.
 Vehicle holddown device. J. S. Wilson, C. Millspaugh, and E. G. Overmire. 2,020,270; Nov. 5.
 Vehicle insulation. C. A. Upson. 2,006,232; June 25.
 Vehicle jack. W. H. Cook. 1,996,612; Apr. 2.
 Vehicle jack. W. Keller. 2,008,553; July 16.
 Vehicle jack. J. M. Madigan. 2,001,467; May 14.
 Vehicle jack. R. H. Reed. 2,001,265; May 14.
 Vehicle jack. T. C. White. 2,000,503; May 7.
 Vehicle jacking structure. S. De Orlow. 1,994,984; Mar. 19.
 Vehicle, Land. A. P. Armington. 2,009,039; July 23.
 Vehicle, Land. C. A. Gustafson. 1,986,146; Jan. 1.
 Vehicle, Land and water motor. U. Textier de la Caillerie. 2,000,827; May 7.
 Vehicle lift. I. A. Weaver. 2,015,357; Sept. 24.
 Vehicle lifting and traversing device. B. Walker. 1,990,150; Feb. 5.
 Vehicle lifting and traversing device. B. Walker. 2,005,173; June 18.
 Vehicle lifting and traversing device, Motor. B. Walker. 2,002,724; May 28.
 Vehicle loading device. S. Paul. 2,000,351; May 7.
 Vehicle, Monorail. G. R. Napier. 1,986,845; Jan. 8.
 Vehicle, Monorail. B. von Loutzky. 1,989,573; Jan. 29.
 Vehicle, Motor. H. W. Alden. 1,999,071; Apr. 23.
 Vehicle, Motor. F. C. Best. 2,007,420; July 9.
 Vehicle, Motor. F. C. Best. 2,018,653; Oct. 29.
 Vehicle, Motor. W. H. Blackmon. 2,012,653; Aug. 27.
 Vehicle, Motor. J. M. Christman. 1,999,846; Feb. 5.
 Vehicle, Motor. J. M. Christman. 2,011,239; Aug. 13.
 Vehicle, Motor. H. D. Church. 2,005,312; June 18.
 Vehicle, Motor. O. M. Dahl. 2,024,148; Dec. 17.
 Vehicle, Motor. H. S. Eberhard. 2,022,079; Nov. 26.
 Vehicle, Motor. W. R. Griswold. 2,021,935; Nov. 26.
 Vehicle, Motor. M. Hendrickson. 1,994,133; Mar. 12.
 Vehicle, Motor. H. A. Johnson. 2,001,878; May 21.
 Vehicle, Motor. A. L. Knapp. 1,989,368; Jan. 29.
 Vehicle, Motor. A. L. Knapp. 2,022,423; Nov. 26.
 Vehicle, Motor. H. C. Marmon and G. H. Freers. 1,992,496; Feb. 26.
 Vehicle, Motor. A. S. Meyer. 2,018,862; Oct. 29.
 Vehicle, Motor. A. J. Meyer and H. H. Timian. 1,996,166; Apr. 2.
 Vehicle, Motor. A. Moorhouse. 1,993,015; Mar. 5.
 Vehicle, Motor. A. Moorhouse. 2,005,103; June 18.
 Vehicle, Motor. C. R. Paton. 2,018,502; Oct. 22.
 Vehicle, Motor. C. R. Paton. 2,018,870; Oct. 29.
 Vehicle, Motor. D. G. Roos. 1,987,269; Jan. 8.
 Vehicle, Motor. M. Tibbetts. 1,999,429; Apr. 30.
 Vehicle, Motor. M. Tibbetts. 2,009,533; July 30.
 Vehicle, Motor. H. H. Timian. 2,011,988; Aug. 20.
 Vehicle, Motor. J. G. Vincent. 2,007,413; July 9.
 Vehicle, Motor. M. Wagner. 2,015,700; Oct. 1.
 Vehicle, Motor. J. F. Weiland. 1,988,975; Jan. 22.
 Vehicle, Motor. J. A. Winger. 1,986,313; Jan. 1.
 Vehicle, Motor. E. E. Winkley. 2,006,751; July 2.
 Vehicle, Motor. K. M. Wise. 2,003,164; May 28.
 Vehicle, Motor driven. N. P. Larsen, J. Holan, and P. E. Hawkins. 1,999,612; Apr. 30.
 Vehicle, Motor driven. E. C. Oberkircher and C. G. Kaelin. 1,990,748; Feb. 12.
 Vehicle, Motor driven. G. L. Pollock and A. E. Kindig. 2,018,972; Oct. 29.
 Vehicle, Multiwheel road. R. B. Fageol. 2,006,800; July 2.
 Vehicle, Occupant propelled. W. Utz. 2,019,833; Nov. 5.
 Vehicle of any type, and more particularly in railway carriages. E. Rimailho. 2,009,276; July 23.
 Vehicle, Passenger carrying. A. E. Hutt. 1,986,342; Jan. 1.
 Vehicle pillar. O. F. Graebner. 1,998,895; Apr. 23.
 Vehicle, Power driven. J. H. Baldwin. 2,002,518; May 28.
 Vehicle-protecting lock. M. B. Harris. 2,020,606; Nov. 12.
 Vehicle, Push-pole. P. Andersen. 2,005,910; June 25.
 Vehicle, Rail. C. de Saint-Martin. 2,012,260; Aug. 27.
 Vehicle, Railway. D. B. Barrows. 2,015,025; Sept. 17.
 Vehicle rear lamp, Motor. D. L. Larose. 2,023,845; Dec. 10.
 Vehicle, Refrigerated. H. W. Krotzer. 2,016,377; Oct. 8.
 Vehicle rim, Ornamented. C. W. Sinclair. 2,011,326; Aug. 13.
 Vehicle rocking machine. C. C. Calkins. 1,994,942; Mar. 19.
 Vehicle roof. N. P. Larsen. 2,014,140; Sept. 10.
 Vehicle running gear, Railway. W. E. Woodard. 2,020,756; Nov. 12.
 Vehicle seat. C. W. Middleton. 1,990,661; Feb. 12.
 Vehicle seat. C. S. Salmons. 2,009,024; July 23.
 Vehicle seat. LeR. Smelker. 2,005,112; June 18.
 Vehicle seat, Adjustable. E. Brosset. 2,025,436; Dec. 24.
 Vehicle, Self loading. O. Ballert. 1,996,945; Apr. 9.
 Vehicle, Self-propelled. E. A. Johnston. 2,025,513; Dec. 24.
 Vehicle sentinel, Motor. F. G. Nickerson. 1,999,471; Apr. 30.
 Vehicle signal. V. M. Alcaraz. 1,995,236; Mar. 19.
 Vehicle signal. G. R. Anchors. 1,987,459; Jan. 8.
 Vehicle signal. W. V. Lane. 1,986,732; Jan. 1.
 Vehicle signal. H. E. Turner. 2,012,646; Aug. 27.
 Vehicle, Six-wheel motor. C. Farris. 1,989,745; Feb. 5.
 Vehicle, Snow motor. E. O. Carvin. 1,988,620; Jan. 22.
 Vehicle spring. T. R. and J. D. Alley. 1,993,986; Mar. 12.
 Vehicle spring. T. H. Thompson. 1,990,802; Feb. 12.
 Vehicle spring, Enclosed. G. D. Bradstreet. 2,014,125; Sept. 10.
 Vehicle spring suspension. P. Viviano. 2,002,459; May 21.
 Vehicle squeak locator. E. Haugland. 2,018,649; Oct. 22.

- Vehicle stabilizing device. K. Hashimoto. 1,990,941; Feb. 12.
- Vehicle storage device. W. H. Ewend. 2,009,579; July 30.
- Vehicle, Stream-lined automotive. H. W. Kizer. 2,006,924; July 2.
- Vehicle, Stretcher carrying. A. M. Patton. 1,999,056; Apr. 23.
- Vehicle suspension. C. A. Hawkins. 2,023,135; Dec. 3.
- Vehicle suspension. F. R. Person. 1,994,590; Mar. 19.
- Vehicle suspension apparatus. A. E. Forsyth. 1,998,926; Apr. 23.
- Vehicle tail light. J. N. Stofer. 2,009,682; July 30.
- Vehicle, Tank. H. C. French and F. G. Thwaites. 2,008,858; July 23.
- Vehicle testing apparatus. J. F. Duby. 2,007,565; July 9.
- Vehicle top embodying front and side quarter panels, Unit. J. Vehko. 2,011,664; Aug. 20.
- Vehicle, Trackless trolley. W. B. Fageol. 1,988,073; Jan. 15.
- Vehicle trailer truck and transfer system, Railroad and land. F. Ferrin. 1,994,815; Mar. 19.
- Vehicle, Trailer type dumping. G. H. Connors. 2,018,838; Oct. 29.
- Vehicle transmission mechanism. O. H. Banker. 1,994,631; Mar. 19.
- Vehicle transmission mechanism. A. Madlé. 2,026,283; Dec. 31.
- Vehicle, Transportation. F. Hedley and J. S. Doyle. 1,998,718; Apr. 23.
- Vehicle, Transportation. H. J. Stone. 1,990,573; Feb. 12.
- Vehicle truck frame, Railway. W. M. Sheehan and A. C. Wintemberg. 2,011,017; Aug. 13.
- Vehicle underframe structure, Railway. E. G. Hallquist and W. M. Sheehan. 2,026,035; Dec. 31.
- Vehicle ventilating apparatus. D. B. Lee. 2,002,899; May 28.
- Vehicle ventilating means. A. P. Robinson. 2,023,699; Dec. 10.
- Vehicle ventilator. W. L. Stonehouse. 2,017,996; Oct. 22.
- Vehicle washing apparatus. H. Nichols. 2,006,029; June 25.
- Vehicle wheel. W. L. Avery. 2,017,034; Oct. 15.
- Vehicle wheel. J. C. Backe. 2,023,352; Dec. 3.
- Vehicle wheel. R. Booth. 1,998,415; Apr. 16.
- Vehicle wheel. W. S. Brink. 1,998,800; Apr. 23.
- Vehicle wheel. W. S. Brink. 2,000,877; May 7.
- Vehicle wheel. W. H. Farr and C. L. Eksergian. 2,021,355; Nov. 19.
- Vehicle wheel. J. H. Hunt and H. J. Horn. 1,993,061; Mar. 5.
- Vehicle wheel. C. G. Keller. 2,010,238; Aug. 6.
- Vehicle wheel. A. G. Maranville. 2,005,628; June 18.
- Vehicle wheel. J. Mayer. 2,014,811; Sept. 17.
- Vehicle wheel. P. M. and R. B. Miller. 1,990,196; Feb. 5.
- Vehicle wheel. P. M. and R. B. Miller. 1,993,563; Mar. 5.
- Vehicle wheel. C. DeL. Rice. 2,013,139; Sept. 3.
- Vehicle wheel. R. B. Temple. 2,016,525; Oct. 8.
- Vehicle wheel. C. W. Van Ranst. 2,014,751; Sept. 17.
- Vehicle wheel. J. H. Wagenhorst. 1,994,375; Mar. 12.
- Vehicle-wheel alignment indicator. I. A. Weaver. 1,992,264; Feb. 26.
- Vehicle wheel, Auxiliary. C. S. Woodruff. 2,014,459; Sept. 17.
- Vehicle wheel brake. J. E. Batie. 2,024,328; Dec. 17.
- Vehicle wheel, Resilient. F. P. Bowers. 2,019,068; Oct. 29.
- Vehicle-wheel testing appliance. I. A. Weaver. 2,018,160; Oct. 22.
- Vehicles, Accessory system for motor. H. Hueber and E. C. Horton. 1,998,761; Apr. 23.
- Vehicles and the like, Transporting. I. H. Judd. 2,022,376; Nov. 26.
- Vehicles, Apparatus for controlling excessive movements in sprung bodies of motor driven road. W. R. Oyston. 2,002,249; May 21.
- Vehicles, Construction for motor. R. S. Blair. 1,992,647; Feb. 26.
- Vehicles, Device for preventing retrograde movement of. J. L. Gonard. 2,025,234; Dec. 24.
- Vehicles, Heating the interior of motor. J. E. Hiles. 1,989,195; Jan. 29.
- Vehicles in freight cars, Apparatus for loading. J. S. Wilson. C. W. Millsbaugh, and E. G. Overmire. 2,007,514; July 9.
- Vehicles, Method and apparatus for storing and reclaiming. F. J. Schraeder, Jr. 1,998,290; Apr. 16.
- Vehicles, Reporting interference with. J. A. Wells. 1,993,497; Mar. 5.
- Vehicles, Storing motor. H. K. Wheeler. 2,022,167; Nov. 26.
- Vehicles with reference to fixed road conditions, Apparatus for aligning. H. A. Wagner. 2,018,770; Oct. 29.
- Vehicle propulsion means. J. Hochstadt. 2,021,784; Nov. 19.
- Veil and forming same. A. S. Staff. 1,990,420; Feb. 5.
- Velocipede. B. J. Anderson. 2,010,450; Aug. 6.
- Velocipede. B. J. Anderson. 2,012,332; Aug. 27.
- Velocipede. E. D. Fowler. 2,006,349; July 2.
- Velocipede. J. W. Gallo. 2,011,402; Aug. 13.
- Velocipede. C. A. Hult. 1,985,895; Jan. 1.
- Velocipede. W. G. Johnson. 2,012,683; Aug. 27.
- Velocipede. A. C. Korte. 1,987,404; Jan. 8.
- Velocipede fork. B. J. Anderson. 2,010,173; Aug. 6.
- Velocipede fork. W. G. Johnson and M. E. Hendicks. 1,998,992; Apr. 23.
- Velocipede frame. B. J. Anderson. 1,995,529; Mar. 26.
- Velocipede frame. B. J. Anderson. 2,009,571; July 30.
- Velocity comparing system for film driving apparatus. C. A. Clarke and L. A. Elmer. 2,017,653; Oct. 15.
- Velocity ratio device, Variable. H. G. Flory and S. G. Coley. 1,987,554; Jan. 8.
- Velocity tube. C. E. Bentzel. 2,009,427; July 30.
- Vending and dispensing machine, Stamp. C. Walker. 1,996,665; Apr. 2.
- Vending apparatus. E. G. Weiler. 2,008,735; July 23.
- Vending apparatus. E. G. Weiler. 2,016,127; Oct. 1.
- Vending device, Exercise. D. O. Thorson. 2,012,899; Aug. 27.
- Vending device for matches and other articles. W. Eisenberg. 2,026,378; Dec. 31.
- Vending machine. V. L. Baker. 1,994,745; Mar. 19.
- Vending machine. O. H. Bliss. 1,996,668; Apr. 2.
- Vending machine. P. Cedar. 1,997,452; Apr. 9.
- Vending machine. E. E. Collison and C. R. Kirk. 2,019,116; Oct. 29.
- Vending machine. M. Epstein. 1,991,736; Feb. 19.
- Vending machine. B. W. Fry. 1,994,342; Mar. 12.
- Vending machine. A. E. Gebert and M. H. Richardson. 2,006,390; July 2.
- Vending machine. A. E. Gebert and M. H. Richardson. 2,010,542; Aug. 6.
- Vending machine. N. R. Harvey. 2,023,955; Dec. 10.
- Vending machine. W. H. Hermann. 1,996,472; Apr. 2.
- Vending machine. G. F. Hight and C. H. Webb. 2,006,100; June 25.
- Vending machine. D. F. and J. F. Hladky, Jr. 1,998,194; Apr. 16.
- Vending machine. S. N. Hope and P. Drath. 1,999,238; Apr. 30.
- Vending machine. W. B. Johnson. 2,018,447; Oct. 22.
- Vending machine. L. Kegel. 2,020,893; Nov. 12.
- Vending machine. A. N. Krohn. 2,020,147; Nov. 5.
- Vending machine. A. A. Leasley. 2,019,916; Nov. 5.
- Vending machine. S. H. Love. 1,987,835; Jan. 15.
- Vending machine. S. M. Malkin. 2,005,097; June 18.
- Vending machine. E. P. Miller and A. R. McCallum. 2,019,019; Oct. 29.
- Vending machine. F. D. Newberry. 2,021,322; Nov. 19.
- Vending machine. G. A. Olsen. 1,991,865; Feb. 19.
- Vending machine. R. D. Parks and G. W. Hildenbrand. 2,002,753; May 28.
- Vending machine. H. F. Pinkenburg. 2,010,373; Aug. 6.
- Vending machine. B. Radtke. 2,004,418; June 11.
- Vending machine. A. E. Reimers and W. K. Tavender. 1,997,078-80; Apr. 9.
- Vending machine. A. W. Schwab and W. J. Norris. 2,017,078; Oct. 15.
- Vending machine. P. C. Smith. 1,997,701; Apr. 16.
- Vending machine. J. W. Starr and C. B. Elliott. 1,987,949; Jan. 15.
- Vending machine. W. K. Tavender. 1,992,554; Feb. 26.
- Vending machine. R. A. Vogel and G. D. Barok. 2,022,445; Nov. 26.
- Vending machine. C. Walker. 1,999,887; Apr. 30.
- Vending machine. R. R. Westfall. 2,014,304; Sept. 10.
- Vending machine, Coin controlled. M. H. Perry. 2,017,817; Oct. 15.
- Vending machine, Coin controlled. W. H. Rowe. 2,008,926; July 23.
- Vending machine, Coin operated. F. J. Rowse. 1,987,641; Jan. 15.
- Vending machine for paper products. G. Carruthers. 2,007,035; July 2.
- Vending machine. Semiautomatic. C. Fleischer. 2,011,574; Aug. 20.
- Vending machine, Vertical column. H. S. Benjamin. 2,010,911; Aug. 13.
- Veneer fastening means. N. O. Geisinger. 2,005,030; June 18.
- Veneered products. E. C. Loetscher. 1,999,243; Apr. 30.
- Veneering construction. T. A. Thompson. 2,022,551; Nov. 26.
- Venetian blind bracket. S. Hammer. 1,992,148; Feb. 19.
- Vent. C. H. Ehlers. 2,016,278; Oct. 8.
- Vent, Carton and discharge. E. C. Vincent. 2,007,553; July 9.
- Vent for cleaning systems. J. Mahoney. 2,023,534; Dec. 10.
- Vent for containers. C. H. Rollason. 1,999,824; Apr. 30.
- Vent for garment cleaning systems. R. A. Hetzer. 1,995,064-5; Mar. 19.
- Ventilated induction motor. C. B. Coates. 1,996,460; Apr. 2.
- Ventilating and air circulating device. A. O. Miller. 2,008,965; July 23.
- Ventilating and air conditioning apparatus. D. A. Sargent. 2,021,521; Nov. 19.
- Ventilating and cooling device for automobiles, Seat. R. F. Gordon. 2,022,959; Dec. 3.
- Ventilating apparatus. A. G. De la Croix. 1,998,657; Apr. 23.
- Ventilating apparatus for vehicle bodies. W. D. Crowell. 2,002,730; May 28.
- Ventilating apparatus for vehicle bodies. W. D. Crowell. 2,025,272; Dec. 24.
- Ventilating apparatus, Vehicle. D. B. Lee. 2,020,896; Nov. 12.

- Ventilating device for automobiles. W. L. Morrison. 1,998,285; Apr. 16.
- Ventilating means. R. G. Ferris. 2,005,615; June 18.
- Ventilating means for automobiles. F. R. Clark. 2,013,601; Sept. 3.
- Ventilating means for automobiles. A. P. Robinson. 2,011,301; Aug. 13.
- Ventilating means for inclosed automobile bodies. F. D. Sutter. 1,992,584; Feb. 26.
- Ventilating means for toilets and the like. L. D. Blodgett, Sr. 2,021,402; Nov. 19.
- Ventilating system. A. Feinberg. 2,021,408; Nov. 19.
- Ventilating system. A. Richter. 2,011,117; Aug. 13.
- Ventilating system and flue cooling system, Combination. A. J. Carr. 1,994,809; Mar. 19.
- Ventilating system, Armored car. J. Walker. 2,012,594; Aug. 27.
- Ventilating unit. C. P. Bridges. 1,990,468; Feb. 12.
- Ventilation, Closed car. A. J. Fisher. 1,996,573; Apr. 2.
- Ventilation of houses. W. C. Coulton. 2,018,997; Oct. 29.
- Ventilation structure. J. G. Shodron. 2,014,594; Sept. 17.
- Ventilator: See—
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| Cowl ventilator. | Toilet-bowl ventilator. |
| Generator ventilator. | Unit heating ventilator. |
| Rainproof cowl ventilator. | Vehicle ventilator. |
| Sash ventilator. | Window ventilator. |
- Ventilator. W. W. Allen. 2,019,378; Oct. 29.
- Ventilator. F. O. Bissonnette. 2,019,246; Oct. 29.
- Ventilator. G. B. Black. 2,009,870; July 30.
- Ventilator. P. Blommers. 1,985,880; Jan. 1.
- Ventilator. G. S. Faber. 2,021,684; Nov. 19.
- Ventilator. R. H. Guenther. 2,018,020; Oct. 22.
- Ventilator. H. Hoffman. 2,019,904; Nov. 5.
- Ventilator. E. L. Kraft. 2,012,763-4; Aug. 27.
- Ventilator. A. J. La Vergne. 2,013,244; Sept. 3.
- Ventilator. W. H. Mottershall. 2,022,143; Nov. 26.
- Ventilator. A. Novalansky. 2,023,339; Dec. 3.
- Ventilator. W. F. Peters and W. W. R. Gebert. 1,993,622; Mar. 5.
- Ventilator. F. N. Ross. 1,988,810; Jan. 22.
- Ventilator. D. Wilson. 2,011,667; Aug. 20.
- Ventilator. H. Zwerling. 1,986,176; Jan. 1.
- Ventilator and shade, Combined. G. C. Major. 2,012,887; Aug. 27.
- Ventilator attachment for toilet seats. M. O. Teetor. 2,001,592; May 14.
- Ventilator construction. C. Kannel. 1,995,456; Mar. 26.
- Ventilator for conveyances. F. N. Gould and D. R. Henderson. 1,998,504; Apr. 23.
- Ventilator for toilet bowls. B. A. Mooney. 2,009,054; July 23.
- Ventilator for toilet bowls, Air purifying. M. O. Teetor. 2,001,593; May 14.
- Ventilator operator. J. R. Howard. 1,989,010; Jan. 22.
- Ventilator structure. F. N. Ross. 2,011,419; Aug. 13.
- Venting device for gasoline tanks. R. L. Aumack. 2,000,431; May 7.
- Venturi flotation method. W. L. Sheeler. 2,002,964; May 28.
- Venturi tube. W. S. Diehl. 2,025,577; Dec. 24.
- Verifying machine. C. Campbell. 2,013,534; Sept. 3.
- Vermiculite, Apparatus for treatment of. O. A. Labus. 1,992,669; Feb. 26.
- Vermiculite bonded material, Manufacture of. J. Keeth. 2,017,904; Oct. 22.
- Vermiculite paste for sealing pistons. H. S. Brinker and W. B. Thomas. 2,012,952; Sept. 3.
- Vermion, Device for attracting and exterminating. E. Gatti. 2,012,384; Aug. 27.
- Vermion trap. D. Cattanch. 1,992,353; Feb. 26.
- Vernier adjusting control unit. E. G. Kingston. 1,987,066; Jan. 8.
- Vernier adjusting control unit. E. G. Kingston. 1,994,651; Mar. 19.
- Vernier adjusting mechanism for variable condensers, Multiple. G. F. Behringer. 1,993,820; Mar. 12.
- Vernier drive mechanism. S. S. Cramer. 1,991,846; Feb. 19.
- Vernier for meter registering mechanism. P. S. Morgan. 2,005,949; June 25.
- Vertical shaft bearing. G. V. Keller, Jr. 2,006,951; July 2.
- Vertical shaft type motor, High Speed. S. Obayashi. 2,012,579; Aug. 27.
- Vertical unit heater. C. C. Carson. 2,001,834; May 21.
- Vessel and closure therefor, Pressure. S. Straty. 1,991,429; Feb. 19.
- Vessel, Baking. W. T. Karten. 2,001,615; May 14.
- Vessel closure. O. Blitz. 2,023,571; Dec. 10.
- Vessel, Cooking. F. W. Fischer. 2,007,678; July 9.
- Vessel filled with gas or vapor, Glow-discharge. J. Nienhold. 2,011,372; Aug. 13.
- Vessel, Filling and sealing a. T. D. Du Plantier. 2,022,656; Dec. 3.
- Vessel for gases and vapors, Absorption. H. Tramm. 2,014,823; Sept. 17.
- Vessel handling and finishing device. W. L. McNamara and L. P. Plazoli, Jr. 2,004,492; June 11.
- Vessel, Pressure. C. G. Pullin. 2,009,324; July 23.
- Vessel, Pressure. J. T. Shaler. 2,018,976; Oct. 29.
- Vessel, Protecting the inner walls of a. H. P. Benner. 1,993,500; Mar. 5.
- Vessel with subdivision of voltage, Discharge. J. G. W. Mulder and J. H. van der Tuuk. 2,020,077; Nov. 5.
- Vessels and the like in one continuous working process, Apparatus for the sterilization and sterile filling of. F. Stegemann. 2,003,869; June 4.
- Vessels containing gas, Sealing-off. M. de Neumann. 2,014,471; Sept. 17.
- Vessels, especially bottles, Method of and device for closing up. R. Remy. 2,003,091; May 28.
- Vessels, Manufacture of pressure. R. K. Hopkins. 1,991,556; Feb. 19.
- Vessels, Producing seamless spherical pressure. W. G. Hulbert and J. A. Thierry. 2,006,894; July 2.
- Vessels, Sealing of. A. Böhrer. 2,018,992; Oct. 29.
- Vest. L. Frubauf. 2,012,848; Aug. 27.
- Veterinary instrument. E. Ellsworth. 2,005,289; June 18.
- Vibrating detector for automobiles. J. G. Collins. 2,013,235; Sept. 3.
- Vibrating device. W. F. Trotter. 2,025,318; Dec. 24.
- Vibrating machine. S. J. Krivig. 1,989,058; Jan. 22.
- Vibrating mechanism. J. Sharp. 2,002,871; May 28.
- Vibrating motor. C. Jackson. 2,025,287; Dec. 24.
- Vibrating screen. E. and E. E. Deister. 2,014,128; Sept. 10.
- Vibrating screen. A. J. Hazle, Jr. 2,010,858; Aug. 13.
- Vibrating screen. C. S. Lincoln. 1,999,769; Apr. 30.
- Vibrating screen. G. A. Overstrom. 1,995,435; Mar. 26.
- Vibrating system. H. R. Prescott. 2,015,410; Sept. 24.
- Vibration absorber. E. B. Gill and G. O. Danielson. 2,025,100; Dec. 24.
- Vibration absorber for indicators. G. Lynch. 2,007,129; July 2.
- Vibration absorbing means for outboard motor tillers. F. T. Irgens. 1,999,694; Apr. 30.
- Vibration analyzer. W. O. Osborn. 1,991,060; Feb. 12.
- Vibration, Apparatus for measuring. I. G. Ross and B. T. Ballard. 2,021,330; Nov. 19.
- Vibration dampener. E. V. J. Tower. 1,993,126; Mar. 5.
- Vibration dampener. E. E. Wemp. 1,991,436; Feb. 19.
- Vibration dampener and front motor supports. A. R. Berman. 2,025,150; Dec. 24.
- Vibration dampener motion transmitting element. C. B. Spase. 1,997,021; Apr. 9.
- Vibration-dampening motion-transmitting element or clutch. C. B. Spase. 2,019,198; Oct. 29.
- Vibration damper. S. Rosenzweig. 1,998,206; Apr. 16.
- Vibration damping material. G. W. Clarvoe. 2,008,654; July 16.
- Vibration damping structure and method of making. G. W. Clarvoe. 2,008,655; July 16.
- Vibration detector. E. R. Gilmore. 2,021,774; Nov. 19.
- Vibration eliminating means for refrigerating systems. M. W. Kenney. 2,010,546; Aug. 6.
- Vibration inhibitor. R. A. Monroe. 1,995,620; Mar. 26.
- Vibration regulator for dynamos. J. Bohli. 2,008,057; July 16.
- Vibration translating system. P. B. Flanders. 1,988,001; Jan. 15.
- Vibrations and apparatus therefor, Method based upon the use of. M. Deniau. 2,015,217; Sept. 24.
- Vibrations, Apparatus for recording. F. Toewe. 1,992,134; Feb. 19.
- Vibrations in machinery and the like, Indicating. H. H. Germond. 2,009,997; Aug. 6.
- Vibrations in ships and other structures, Apparatus for compensating. U. Loser. 1,997,423; Apr. 9.
- Vibrations, Method and apparatus for recording and reproducing mechanical. R. L. A. Nublat. 2,025,608; Dec. 24.
- Vibrations, Method and apparatus for utilizing. W. W. Wood and F. W. Lutz. 1,987,544; Jan. 8.
- Vibrations of small amplitude, Apparatus for magnifying the effects of. A. and C. W. Oring. 2,021,607; Nov. 19.
- Vibrator. H. M. Dressel. 2,012,123; Aug. 20.
- Vibrator. H. M. Dressel. 2,013,513; Sept. 3.
- Vibrator. J. M. Ide. 2,000,024-6; May 7.
- Vibrator. E. H. Lichtenberg. 1,996,209; Apr. 2.
- Vibrator. G. A. Wilson. 2,018,046; Oct. 22.
- Vibrator. L. A. Zielke. 1,986,038; Jan. 1.
- Vibrator and operating circuit therefor. W. W. Garstang. 2,020,681; Nov. 12.
- Vibrator, Electrically driven. P. F. Scofield. 2,011,951; Aug. 20.
- Vibrator, Electromagnetic. R. B. Colton. 2,025,041; Dec. 24.
- Vibrator, Electromagnetostriuctive. G. W. Pierce. 2,014,410; Sept. 17.
- Vibrator for pulp screens, Hydraulic. W. A. Haliburton. 1,993,603; Mar. 5.
- Vibrator, Massaging. R. H. Pyles. 1,998,522; Apr. 23.
- Vibrator motor. O. B. Wright. 1,999,795; Apr. 30.
- Vibrator, Power driven. M. Andis. 2,003,332; June 4.
- Vibrator system, Mechanical. P. F. Scofield. 1,994,793; Mar. 19.
- View finder, Direct. J. L. Boon. 2,000,577; May 7.
- View finder parallax and photographic lens focusing mechanism for motion picture cameras. G. A. Mitchell. 2,012,515; Aug. 27.
- Vine cutter. C. P. Ballentine. 2,011,671; Aug. 20.
- Vine divider. C. E. Snyder. 2,000,260; May 7.
- Vinegar, Apparatus for manufacturing. H. L. K. Meynen. 2,022,970; Dec. 3.
- Vinyl-aryl compounds, Production of. C. Wulff and B. Roell. 1,986,241; Jan. 1.

- Vinyl compounds, Polymerizing. C. O. Young and S. D. Douglas. 2,011,132; Aug. 13.
- Vinyl ester. G. A. Perkins. 2,021,698; Nov. 19.
- Vinyl polymers, Low viscosity. J. H. Werntz. 1,988,529; Jan. 22.
- Violin. A. Cerrone. 1,993,647; Mar. 5.
- Violin strings in tuning, Preventing slipping of. H. H. Kroepflin. 1,987,069; Jan. 8.
- Virus and purifying it, Purified. H. R. Graybill, P. H. Brewer, and M. W. Gardner. 2,012,789; Aug. 27.
- Viscose, Centrifugal treatment of. H. Walch. 2,019,944; Viscose coating and filling. H. I. Huey and W. W. Russell. 2,016,719; Oct. 8.
- Viscose, Extruding. E. O. Freund. 2,013,491; Sept. 3.
- Viscose products, Manufacture of. M. O. Schur. 1,986,366; Jan. 1.
- Viscose solutions, Producing purified. E. Freund. 1,996,197; Apr. 2.
- Viscosimeter. W. J. Albersheim and H. S. Konheim. 1,989,050; Jan. 22.
- Viscosimeter. J. M. Bell. 1,997,960; Apr. 16.
- Viscosimeter. J. M. Bell. 2,026,297; Dec. 31.
- Viscosimeter. H. S. Konheim and W. J. Albersheim. 2,011,862; Aug. 20.
- Viscosimeter. M. E. Cheney and A. W. Meston. 2,023,309; Dec. 3.
- Viscosimeter. R. Powis. 2,012,550; Aug. 27.
- Viscosimeter, Quick reading. A. G. Thomas. 2,022,578; Nov. 26.
- Viscosity compensating system. H. Ernst and C. W. M. Goodrich. 2,005,731; June 25.
- Viscosity measuring device. W. J. Albersheim and H. S. Konheim. 2,010,837; Aug. 13.
- Vise. R. S. Chase, C. D. Luce, and T. A. Arnott. 2,015,645; Sept. 24.
- Vise. A. L. Stowell. 1,999,600; Apr. 30.
- Vise. H. C. and C. W. Turner. 1,989,068; Jan. 22.
- Vise, Fruit jar. R. Sannipoli. 2,016,823; Oct. 8.
- Vise, Saw table. G. E. Wallin. 2,024,317; Dec. 17.
- Vise, Tennis racket. T. S. Morton. 2,023,641; Dec. 10.
- Vise, Universal. J. Denz. 1,996,719; Apr. 2.
- Visible card receptacle. M. Fakkema. 1,990,980; Feb. 12.
- Vision apparatus, Clear. J. F. Heider. 1,993,274; Mar. 5.
- Vision device, Clear. J. G. Clemens. 2,012,598; Aug. 27.
- Visor. L. L. Wickland. 1,995,761; Mar. 26.
- Visor, Adjustable cap. W. H. David. 2,004,471; June 11.
- Visor, Automobile vanity. P. E. Michaelis. 1,990,413; Feb. 5.
- Visor construction. W. H. Stansberry. 2,020,585; Nov. 12.
- Visual comparator. F. W. Mackenzie. 2,016,014; Oct. 1.
- Visual effects, Method and apparatus for producing. A. C. Watson. 2,000,153; May 7.
- Visual test apparatus. G. W. Bailey. 1,990,218; Feb. 5.
- Visual training, Apparatus for. A. E. Turville. 2,019,550; Nov. 5.
- Visualizer. N. E. Stephens. 2,010,501; Aug. 6.
- Vitamin B, Obtaining. E. H. Stuart. 1,990,961; Feb. 12.
- Vitamin containing material. A. F. O. Germann. 1,988,969; Jan. 22.
- Vitamin-containing material, Making. G. C. Supplee and G. E. Flanigan. 2,006,699; July 2.
- Vitamin content of vitamin bearing oils, Increasing the. H. P. Loomis. 2,026,395; Dec. 31.
- Vitamin free from casein, Production of. G. C. Supplee, G. E. Flanigan and R. C. Bender. 2,006,700; July 2.
- Vitamine concentrate. L. A. Hall. 2,022,464; Nov. 26.
- Vitamins, Extraction and concentration of. B. Sure and E. H. Stuart. 2,015,876; Oct. 1.
- Vitamins, Extraction of. S. Botcharsky. 2,017,942; Oct. 22.
- Vitamins, Isolation of water-soluble. R. J. Block and G. R. Cowgill. 2,002,519; May 28.
- Vitreous bodies, Method of and apparatus for sealing. A. R. Knoepfel. 2,020,729; Nov. 12.
- Vizor or sunshade, Polarizing. E. H. Land. 2,005,426; June 18.
- Voice, Controllable. O. E. Deniville and J. H. Wilhelm. 2,022,107; Nov. 26.
- Voice production, Recording characterization of. M. Teyte. 1,992,585; Feb. 26.
- Volatile constituents from liquids, Process and apparatus for distilling or expelling. C. Bergell. 1,996,852; Apr. 9.
- Volatile deodorant heater. H. C. Adams. 1,988,617; Jan. 22.
- Volatile liquids, Apparatus for transferring. R. W. Thomas. 2,012,362; Aug. 27.
- Voltmeter for vacuum tubes. A. B. Du Mont. 2,014,106; Sept. 10.
- Voltage and frequency regulator. E. C. Sparling. 2,014,818; Sept. 17.
- Voltage and power factor control. L. F. Blume. 1,992,809; Feb. 26.
- Voltage compensation in signaling circuits. W. T. Rea and T. C. Henneberger. 2,001,037; May 14.
- Voltage electrolytic couple, High. P. E. Edelman. 2,024,210; Dec. 17.
- Voltage impulses, Apparatus for the generation of electric high. T. E. Allibone. 2,014,219; Sept. 10.
- Voltage in alternating current lines, Device for regulating the. H. Böhm. 1,993,914; Mar. 12.
- Voltage measuring device, Peak. H. W. Lord. 2,010,697; Aug. 6.
- Voltage, Method and apparatus for producing high. D. H. Sloan. 2,009,457; July 30.
- Voltage protective device, Excess. J. K. Hodnette. 2,010,018; Aug. 6.
- Voltage rectifier, High. D. V. Edwards and E. K. Smith. 1,989,132; Jan. 29.
- Voltage regulating device. B. M. Leece. 2,003,001; May 28.
- Voltage regulating means. T. M. Hunter. 1,993,007; Mar. 5.
- Voltage, Regulation of. E. D. T. Norris. 2,020,796; Nov. 12.
- Voltage regulator. R. O. Askey. 1,995,530; Mar. 26.
- Voltage regulator. F. C. Coates. 2,005,363; June 18.
- Voltage regulator. M. Debrey. 1,989,084; Jan. 29.
- Voltage regulator. J. F. Frese. 2,025,681; Dec. 24.
- Voltage regulator. T. M. Hunter. 2,014,570; Sept. 17.
- Voltage regulator. T. M. Linville. 2,014,261; Sept. 10.
- Voltage regulator. J. R. Power. 1,996,524; Apr. 2.
- Voltage regulator. A. A. Steinmetz and H. M. Ward. 1,998,741; Apr. 23.
- Voltage regulator. H. M. Stoller. 1,996,495; Apr. 2.
- Voltage regulator, Battery charging. L. H. Gude. 2,018,716; Oct. 29.
- Voltage regulator for electrostatic machines. W. D. Coolidge. 2,007,890; July 9.
- Voltage surge indicator. A. L. Price and F. B. Menger. 2,006,179; June 25.
- Voltage transformation of direct current electrical energy. System for the. J. D. Cockcroft and E. T. S. Walton. 1,992,908; Feb. 26.
- Volts, Device for rectifying alternating. H. Emmens. 2,010,069; Aug. 6.
- Voltaic couple. S. Ruben. 2,001,978; May 21.
- Volume control, Automatic. L. M. Perkins. 2,026,357; Dec. 31.
- Volume control, Muted automatic. J. Yolles. 2,023,458; Dec. 10.
- Volume and tone control, Combined. W. van B. Roberts. 1,993,859; Mar. 12.
- Volume and tone control, Combined automatic. W. van B. Roberts. 1,993,861; Mar. 12.
- Volume control. H. O. Peterson. 2,022,478; Nov. 26.
- Volume control arrangement, Automatic. L. E. Barton. 2,019,243; Oct. 29.
- Volume control arrangement, Automatic. V. D. Landon. 2,020,363; Nov. 12.
- Volume control, Automatic. R. D. Brown, Jr. 1,988,370; Jan. 15.
- Volume control, Automatic. E. T. Dickey. 2,012,421; Aug. 27.
- Volume control, Automatic. P. O. Farnham. 2,016,366; Oct. 8.
- Volume control, Automatic. J. H. Hammond, Jr. 1,998,617; Apr. 23.
- Volume control, Automatic. G. Jobst and W. Wehnert. 2,013,310; Sept. 3.
- Volume control, Automatic. J. R. Nelson. 2,001,825; May 21.
- Volume control, Automatic. A. Pfister. 1,986,644; Jan. 1.
- Volume control, Automatic. E. A. Tubbs. 2,013,795; Sept. 10.
- Volume control, Automatic. H. A. Wheeler. 2,001,950; May 21.
- Volume control, Balanced automatic. S. Ballantine. 2,014,831; Sept. 17.
- Volume control device for electron tube systems. G. E. Fleming. 1,989,797; Feb. 5.
- Volume control for radio circuits. E. F. Carter and H. F. Schwarz. 2,014,422; Sept. 17.
- Volume control for transmission circuits. F. A. Cowan. 2,003,428; June 4.
- Volume control method and apparatus. D. D. Israel. 2,012,392; Aug. 27.
- Volume control, Method and apparatus for. G. Ramsey. 2,002,831; May 28.
- Volume control receiver, Selective automatic. W. A. Harris. 2,013,307; Sept. 3.
- Volume control system. G. P. Adair. 2,010,002; Aug. 6.
- Volume control system. H. L. Barney. 2,017,645; Oct. 15.
- Volume control system. R. S. Glasgow. 1,991,277; Feb. 12.
- Volume control system. D. O. Whelan. 1,992,021; Feb. 19.
- Volume control system, Automatic. K. A. Chittick. 2,019,173; Oct. 29.
- Volume control system, Quiet automatic. W. R. Koch. 2,021,939; Nov. 26.
- Volume controller, Automatic. M. M. Borden. 1,988,992; Jan. 22.
- Volume controller or potentiometer for radio receivers. A. W. Baker. 2,009,286; July 23.
- Volume controls for radio receiving sets, Automatic. R. M. Planck. 2,004,294; June 11.
- Volume metering apparatus. F. von Schütz. 2,000,308; May 7.
- Volume of flowing gas, Device for measuring the. J. Brandl. 1,990,633; Feb. 12.
- Volume range control. E. I. Green. 2,016,427; Oct. 8.
- Volume-varying and compression-relieving means for the combustion chambers of internal combustion engines. A. A. Sidney. 2,012,895; Aug. 27.
- Voting and ballot counting system and apparatus. W. L. Morris. 2,011,588; Aug. 20.
- Voting machine. A. N. Gustavson. 2,025,164; Dec. 24.
- Votive light. T. M. O'Connell. 2,001,312; May 12.

- Vulcanizable compound. A. N. Gray and A. R. Kemp. 2,008,861; July 23.
- Vulcanizable mixtures, Production of. A. Beck and M. Mueller-Cunradi. 1,991,367; Feb. 19.
- Vulcanization accelerator. H. Meis. 1,990,610; Feb. 12.
- Vulcanized articles from molds, and apparatus therefor, Removing. G. P. Bosomworth. 2,023,002; Dec. 3.
- Vulcanizer. L. D. Bax. 2,022,808; Nov. 26.
- Vulcanizer. C. Iverson. 1,989,362; Jan. 29.
- Vulcanizer. C. Iverson. 1,989,364; Jan. 29.
- Vulcanizer. A. S. Michelson. 2,000,406; May 7.
- Vulcanizer. A. W. Scharpf. 1,997,268; Apr. 9.
- Vulcanizer. F. Van Camp. 2,024,811; Dec. 17.
- Vulcanizer. T. H. Williams. 2,020,669; Nov. 12.
- Vulcanizer for repair of inner tubes. J. J. Batterman. 2,000,461; May 7.
- Vulcanizing for tires, Retreading. C. E. Miller. 2,024,941; Dec. 17.
- Vulcanizer, Tire retread. W. G. Lerch and A. W. Stoner. 2,002,579; May 28.
- Vulcanizing apparatus. R. W. Brown. 1,998,802; Apr. 23.
- Vulcanizing device. J. G. Ebenhack. 2,024,279; Dec. 17.
- Vulcanizing device. W. A. Gwynn. 2,009,549; July 30.
- Vulcanizing device. H. V. James. 2,010,861; Aug. 13.
- Vulcanizing heater. H. T. Kraft. 1,990,455; Feb. 5.
- Vulcanizing material on articles, Method of and apparatus for. G. L. Cherry. 2,013,404; Sept. 3.
- Vulcanizing press. H. C. Bostwick. 2,019,888; Nov. 5.
- Wabblers engine. W. Hulsebos. 2,009,495; July 30.
- Waffle iron. M. W. McArdle. 1,993,177; Mar. 5.
- Wagon. W. E. Rodler. 2,023,700; Dec. 10.
- Wagon bed, Convertible. H. H. Twente. 2,015,879; Oct. 1.
- Wagon, Coaster. O. C. Albrecht. 2,014,060; Sept. 10.
- Wagon, Coaster. F. A. Fowler. 2,008,951; July 23.
- Wagon, Coaster. A. Pasin. 2,015,726; Oct. 1.
- Wagon, Dump. T. C. Harvey. 1,998,317; Apr. 16.
- Wagon, Dump. T. C. Harvey. 1,999,837; Apr. 30.
- Wagon, Dump. T. C. Harvey. 2,004,754-5; June 11.
- Wagon, Dump. T. C. Harvey. 2,016,143; Oct. 1.
- Wagon, Dump. J. Kuchar. 2,018,178; Oct. 22.
- Wagon dumping mechanism. B. Kukielski. 2,012,470; Aug. 27.
- Wagon, Folding caddy. E. J. Schwabe. 2,005,566; June 18.
- Wagon hitch for implements. B. M. Hyman. 1,992,429; Feb. 26.
- Wagon, Jockey. J. C. Rumsey. 2,018,381; Oct. 22.
- Wagon, Power actuated dump. J. Kuchar. 2,023,233; Dec. 3.
- Wagon, Railway motor. G. Constantinesco. 2,016,626; Oct. 8.
- Wagon, Side dump. J. Kuchar. 2,023,960; Dec. 10.
- Wagon, Side dump. J. Kuchar. 2,025,753; Dec. 31.
- Wagon tailboard latch. F. Cooper. 2,012,528; Aug. 27.
- Waistband, Detachable elastic. W. Murphey. 2,019,924; Nov. 5.
- Waist band for trousers. J. D. Best and A. A. Lind. 1,999,078; Apr. 23.
- Waist construction for pants. E. Leventhal. 1,991,932; Feb. 19.
- Walking beam furnace. R. S. Cochran and J. R. Moser. 2,017,024; Oct. 8.
- Walking beam, Retractable. L. A. Rawson. 1,992,393; Feb. 26.
- Walking figure. B. D. Powleson. 1,986,446; Jan. 1.
- Walking motion. G. L. Cobb. 2,010,482; Aug. 6.
- Wall and ceiling construction. F. A. Manske and O. E. Gibson. 1,993,792; Mar. 12.
- Wall and ceiling construction. L. C. Piazza. 1,989,289; Jan. 29.
- Wall and ceiling construction. G. R. Walper. 1,986,309; Jan. 1.
- Wall and ceiling construction. G. R. Walper. 2,002,303; May 21.
- Wall and ceiling construction. F. A. Manske and O. E. Gibson. 2,017,911; Oct. 22.
- Wall and constructing it, Retaining. H. E. McKeen. 2,000,492; May 7.
- Wall and joint construction. P. Thomson. 1,986,690; Jan. 1.
- Wall and partition, Movable. P. Andes. 2,016,882; Oct. 8.
- Wall and post construction. C. T. Hansen. 2,004,319; June 11.
- Wall and reenforcing means therefor. G. H. Ellis. 2,008,755; July 23.
- Wall assembly. P. A. Voigt. 1,988,147; Jan. 15.
- Wall assembly, Multiple unit. P. A. Voigt. 2,014,419; Sept. 17.
- Wall assembly, Partition. G. F. Kotrbaty. 2,005,145; June 18.
- Wall board and producing the same, Masonry faced. W. R. Dennis. 2,017,587; Oct. 15.
- Wall board for outside weatherproofing, Ornamented. L. S. Odell. 2,021,577-8; Nov. 19.
- Wall board joint. G. O. Walper. 2,017,266; Oct. 15.
- Wallboard, Manufacture of. C. O. Walper. 2,006,528; July 2.
- Wall board siding for outside weatherproofing. L. S. Odell. 2,021,579; Nov. 19.
- Wall, Building. L. S. Munson. 2,001,469; May 14.
- Wall cleaning apparatus. C. and A. Kenne. 1,999,462; Apr. 30.
- Wall clip. E. A. Brelln. 1,998,606; Apr. 23.
- Wall, Concrete container. W. O. Brassert. 2,016,886; Oct. 8.
- Wall construction. C. G. Duffy. 1,997,092; Apr. 9.
- Wall construction. G. H. Ellis. 1,998,610; Apr. 23.
- Wall construction. A. H. Farrens. 2,016,772; Oct. 8.
- Wall construction. F. A. Manske. 2,000,243; May 7.
- Wall construction. A. Minutoli. 2,000,409; May 7.
- Wall construction. E. M. Richter. 2,019,236; Oct. 29.
- Wall construction. H. E. Voegel. 2,023,452; Dec. 10.
- Wall construction for open hearth furnaces, End. P. B. Tonnar. 2,021,245; Nov. 19.
- Wall construction for ventilated buildings. E. L. Martin. 1,995,514; Mar. 26.
- Wall construction, High temperature furnace insulated. A. S. Nichols. 2,021,742; Nov. 19.
- Wall construction, Insulated monolithic hollow. G. A. Merrill. 2,007,689; July 9.
- Wall construction of a feed storage mechanism. F. J. Kreutzer. 2,007,683; July 9.
- Wall construction, Soundproof. W. D. Barge. 1,987,568; Jan. 8.
- Wall construction, System of. C. A. Robinson, M. R. Price, and W. S. Trader. 1,998,688; Apr. 23.
- Wall construction, Veneer. C. S. and E. G. Finzer. 2,003,996; June 4.
- Wall construction, Waterproof. B. Jones. 2,024,524; Dec. 17.
- Wall covering. H. B. Little and K. C. Miller. 1,987,238; Jan. 8.
- Wall coverings, Method and apparatus for producing wooden. O. Reimann. 2,012,403; Aug. 27.
- Wall dividing bead. A. C. De Spirt. 2,025,576; Dec. 24.
- Wall facing and wall-facing anchoring means. A. J. Vertuno. 2,022,363; Nov. 26.
- Wall finishing material. R. T. Whitnah. 2,023,062; Dec. 3.
- Wall fixture, Knockdown. M. T. Johnston. 2,003,633; June 4.
- Wall flashing. V. H. Berg. 2,021,883; Nov. 26.
- Wall form. J. H. Beauchamp and J. S. Miller. 1,995,050; Mar. 19.
- Wall-lining, Removable. G. Holderbach. 2,001,136; May 14.
- Wall paper. A. C. Knight. 1,990,701; Feb. 12.
- Wall plate for furnaces. E. B. Tolman, Jr. 2,017,675; Oct. 15.
- Wall register. J. W. Bergstrom. 2,011,141; Aug. 13.
- Wall, Retaining. H. B. Mette. 2,018,920; Oct. 29.
- Wall, Retaining. C. Vermont. 1,993,291; Mar. 5.
- Wall structure. J. Joannides. 2,012,630; Aug. 27.
- Wall structure. G. H. Kaemmerling. 2,005,376; June 18.
- Wall structure. R. V. Parsons. 2,010,412; Aug. 6.
- Wall structure, Double. W. W. Smith. 2,001,473; May 14.
- Wall structure, Fluid-cooled. M. J. Selaya. 2,022,830; Dec. 3.
- Wall structure, Sheet-piling. W. W. Smith. 2,018,423; Oct. 22.
- Wall structure, Veneer. O. A. Steuer. 1,998,261; Apr. 16.
- Wall structure with movable section. A. A. Gould. 2,009,445; July 30.
- Wall trim construction. O. MacNab and C. E. Loehr. 1,989,814; Feb. 5.
- Wall unit, Interlocking. E. A. Horn. 1,987,828; Jan. 15.
- Walls, Apparatus for cleaning. C. K. Perkins. 1,995,685; Mar. 26.
- Walls, Covering. H. Borsari-Fischer. 1,993,472; Mar. 5.
- Walls, Method and apparatus for manufacturing corrugated. J. V. Giesler. 2,006,691; July 2.
- Ward-Leonard control system. H. Sundhaussen. 1,998,209; Apr. 16.
- Wardrobe and clothes drier, Convertible and portable. D. B. Cleveland. 2,004,035; June 4.
- Wardrobe cabinet. E. A. Miller. 1,986,279; Jan. 1.
- Wardrobe case. W. Wintz. 1,989,778; Feb. 5.
- Wardrobe, closet, and the like. H. Derman. 2,009,482; Wardrobe structure. R. T. McKnew. 2,010,494; Aug. 6.
- Ware, Apparatus for stenciling. J. C. Smith and G. H. Campbell. 2,009,098; July 23.
- Ware handling and transfer mechanism. H. A. Moore and C. A. Nielsen. 1,990,745; Feb. 12.
- Ware, Manufacture of ceramic. C. F. Geiger. 2,015,750; Oct. 1.
- Ware, Method of and apparatus for making hollow ceramic. C. C. Kesty. 2,015,681; Oct. 1.
- Ware, Producing ornamental enameled. A. C. Weierich. 2,002,806; May 28.
- Ware, Treating glazed ceramic. W. McCoy. 2,017,318; Oct. 15.
- Warm air furnace. D. E. Ross. 1,996,349; Apr. 2.
- Warm air furnace. R. W. Kruse. 2,022,116; Nov. 26.
- Warm air furnace. W. W. Williams. 2,012,210; Aug. 20.
- Warmer, Hand. C. R. Williams. 2,014,677; Sept. 17.
- Warning and sound device. A. G. Small. 1,996,494; Apr. 2.
- Warning device. G. I. Lewis. 1,996,010; Mar. 26.
- Warning light. E. E. Highfill. 2,024,853; Dec. 17.
- Warning signal. F. W. Billig. 1,994,426; Mar. 12.
- Warning signal. A. F. Gillet. 2,003,505; June 4.
- Warp beam. E. R. Holmes. 2,025,865; Dec. 31.
- Warp beam. H. R. Wing. 2,025,923; Dec. 31.
- Warp-beaming machine. V. J. Diefenderfer and A. C. Lova. 2,001,486; May 14.
- Warp beams, Making. H. R. Wing. 2,025,924; Dec. 31.
- Warp goods, Manufacture of. P. Schönfeld. 2,012,355; Aug. 27.

- Warp knit fabric. J. P. Holmes. 2,019,258; Oct. 29.
 Warp printing machine. T. H. Rush. 1,997,498; Apr. 9.
 Warp sizing. A. J. Harris. 2,011,632; Aug. 20.
 Warp sizing machine. C. B. Johnson. 2,007,828; July 9.
 Warping, Direct. H. J. Lonctaux, J. F. Norton, and L. W. Griffiths. 2,017,008; Oct. 8.
 Warps, Securing. O. D. Burton. 2,010,581; Aug. 6.
 Washboard. C. T. Gilbert. 1,987,232; Jan. 8.
 Washboard. C. T. Gilbert. 2,000,943; May 14.
 Washboard. A. Mabry. 2,018,142; Oct. 22.
 Washbowl, Portable. W. J. Alley. 2,019,642; Nov. 5.
 Washcloth. G. A. Benedict. 2,006,708; July 2.
 Wash cloth, Sanitary. J. H. Le Coney. 1,993,174; Mar. 5.
 Wash tub bench attachment. S. Pantek. 1,997,947; Apr. 16.
 Wash water heater. C. H. Hapgood. 1,997,904; Apr. 16.
 Washer: See—
 Adjustable washer. Motor vehicle chassis washer.
 Ball washer. Nut lock washer.
 Bedpan washer. Outboard motor washer.
 Carpet washer. Spring thrust washer.
 Fruit washer. Valve washer.
 Gas washer. Vegetable washer.
 Hurdle washer. Window washer.
 Lock washer.
 Washer. G. K. Garrett. 2,014,231; Sept. 10.
 Washer. N. A. Ovsyey. 2,017,916; Oct. 22.
 Washer and drier, Golf ball. J. C. Stutz. 2,005,115; June 18.
 Washer and making same. Lock. F. W. England. 2,001,956; May 21.
 Washer and producing the same. Lock. R. Buechting. 1,999,082; Apr. 23.
 Washer for bearings, Grease retaining. L. H. Hansel. 2,003,934; June 4.
 Washergun. W. C. Uhri, Jr. 2,007,029; July 2.
 Washers, Manufacturing lock. G. K. Garrett. 1,989,750; Feb. 5.
 Washing and bleaching apparatus for artificial yarns. A. Bazzocchi. 2,006,154; June 25.
 Washing and conditioning machine. Cake. J. J. Sippel. 2,002,418; May 21.
 Washing and drying machine, Combined. W. A. Papworth. 2,019,089; Oct. 29.
 Washing apparatus. J. E. Byrd. 1,992,737; Feb. 26.
 Washing apparatus. J. H. Clark. 1,995,633-6; Mar. 26.
 Washing apparatus. K. K. Huppmann. 2,022,637; Nov. 26.
 Washing apparatus. J. H. Clark. 2,025,571; Dec. 24.
 Washing apparatus. H. W. Lehmkühl. 2,006,085; June 25.
 Washing apparatus. J. J. Meehan. 2,010,195; Aug. 6.
 Washing apparatus. C. M. Snyder and J. H. Clark. 1,995,331-2; Mar. 26.
 Washing apparatus. C. M. Snyder and J. H. Clark. 2,024,952; Dec. 17.
 Washing apparatus. H. F. Snyder. 2,016,348; Oct. 8.
 Washing apparatus for minerals. L. Llewellyn. 2,013,414; Sept. 3.
 Washing device and method. C. S. Woods. 2,003,847; June 4.
 Washing device comprising shower pipes. J. Paramor and H. Suckling. 1,997,651; Apr. 16.
 Washing, dyeing, rinsing, and drying machine. C. Flori. 1,987,436; Jan. 8.
 Washing machine. A. H. Adams. 1,997,990; Apr. 16.
 Washing machine. A. W. Altorfer. 1,996,654; Apr. 2.
 Washing machine. V. G. Apple. 1,995,912; Mar. 26.
 Washing machine. E. R. Blake. 1,999,353; Apr. 30.
 Washing machine. C. S. Bossie. 1,992,141; Feb. 19.
 Washing machine. C. F. Brunn. 2,003,642; June 4.
 Washing machine. B. Burslem. 2,025,800; Dec. 31.
 Washing machine. C. T. Childers. 2,005,287; June 18.
 Washing machine. G. A. Creeth, L. P. Philp, and W. A. Lindsay. 1,989,916-17; Feb. 5.
 Washing machine. P. Cureton. 1,991,793; Feb. 19.
 Washing machine. P. H. Engel. 1,987,231; Jan. 8.
 Washing machine. J. D. Fredericks. 1,995,300; Mar. 26.
 Washing machine. J. T. Hume. 2,021,785; Nov. 19.
 Washing machine. H. L. Johnston. 2,013,387; Sept. 3.
 Washing machine. M. L. Kelly. 2,025,592; Dec. 24.
 Washing machine. F. Maus. 2,020,097; Nov. 12.
 Washing machine. W. V. Orr. 2,002,790; May 28.
 Washing machine. S. V. Perry. 1,994,109; Mar. 12.
 Washing machine. A. H. Peters. 1,989,820; Feb. 5.
 Washing machine. W. Rocke. 2,021,468; Nov. 19.
 Washing machine. G. H. Schieferstein. 2,022,829; Dec. 3.
 Washing machine. S. C. Shaffner. 1,986,019; Jan. 1.
 Washing machine. J. P. Staley. 2,012,643; Aug. 27.
 Washing machine. E. S. Stoddard. 2,023,107; Dec. 3.
 Washing machine. F. M. Watkins. 2,020,444; Nov. 12.
 Washing machine. J. A. Wright. 2,025,840; Dec. 31.
 Washing machine and drier, Domestic clothes. F. B. O'Brien. 1,986,157; Jan. 1.
 Washing machine and extractor, Combined. F. M. Risch. 1,997,747; Apr. 16.
 Washing machine, Fruit and vegetable. E. C. and E. D. Eberts. 2,024,344; Dec. 17.
 Washing machine impeller. A. W. Altorfer. 1,994,741; Mar. 19.
 Washing machine mechanism. J. W. Racklyeft. 2,019,582; Nov. 5.
 Washstand and shower bath, Combined. R. M. Dyar. 2,021,145; Nov. 19.
 Waste goods, particularly incorrectly filled cigarette packets, Apparatus for separating. E. H. Jähne. 2,010,190; Aug. 6.
 Waste pipe cleaner. C. L. McCloskey. 1,994,526; Mar. 19.
 Waste, Utilizing galvanizer's. C. F. Derick. 2,012,809; Aug. 27.
 Watch. W. Harris. 2,000,328; May 7.
 Watch. S. Lewbel. 1,991,284; Feb. 12.
 Watch. C. H. H. Rodanet. 2,008,338; July 16.
 Watch and other time instrument. R. J. Johnston. 2,023,022; Dec. 3.
 Watch, Astronomical. C. Canepa. 1,997,511; Apr. 9.
 Watch holder. R. J. Moffatt. 2,013,575; Sept. 3.
 Watch or clock dial. H. F. Gardner. 1,999,126; Apr. 23.
 Watch, Self winding. L. Hatot. 2,021,777; Nov. 19.
 Watch, Self winding. G. L. Henry. 2,013,386; Sept. 3.
 Watch, Self winding wrist. F. Barbezat. 2,007,105; July 2.
 Watch, Shock and blowproof. R. Straumann. 1,995,951; Mar. 26.
 Watch, Waterproof. W. C. Handley. 2,004,280; June 11.
 Watches, Waterproof protection for. A. Dreyfus. 1,986,328; Jan. 1.
 Watchmen's tours, Apparatus and system for registering. R. M. Hopkins, W. J. Kleinknecht and C. E. Whiteman. 1,990,380; Feb. 5.
 Water accumulator plant for locomotives. Hot. F. Heintz. 2,019,567; Nov. 5.
 Water animal. T. J. Howland. 2,013,410; Sept. 3.
 Water, Antisepticizing. C. T. Henderson. 1,995,639; Mar. 26.
 Water, Apparatus for producing soft boiler. A. C. Zimmerman. 1,996,136; Apr. 2.
 Water, Apparatus for softening. A. Barrett. 2,003,230; May 28.
 Water boiler, Domestic. I. Turner. 2,011,205; Aug. 13.
 Water by zeolites, Purification of. F. Tschirner. 2,004,257; June 11.
 Water circulator for boilers. C. M. Crane. 1,992,193; Feb. 26.
 Water clarifier. C. Howell. 1,995,852; Mar. 26.
 Water clarifying apparatus. K. Tsuda. 2,022,329; Nov. 26.
 Water closet. F. G. Bushold. 2,000,658; May 7.
 Water closet. F. R. Dickinson. 2,009,916; July 30.
 Water closet. S. Duner. 1,992,653; Feb. 26.
 Water closet. C. H. Zwermann. 2,006,428; July 2.
 Water closet combination and wall mounting. R. W. Wallace. 1,996,693; Apr. 2.
 Water closet flush bowl. M. F. Williams. 2,022,265; Nov. 26.
 Water closet ventilating device. C. L. C. Nielsen and A. K. Pedersen. 1,997,695; Apr. 16.
 Water closets, Attachments for. F. Guidetti. 1,988,078; Jan. 15.
 Water content of liquids, Reducing the. W. A. Hammond. 2,008,955; July 23.
 Water control, Automatic. A. J. Whitcomb and O. C. Callow. 1,988,100; Jan. 15.
 Water cooler. H. E. Cullen and H. O. Ronning. 2,008,202; July 16.
 Water cooler. F. D. Peltier and W. A. Kuenzli. 2,010,413; Aug. 6.
 Water cooler. H. E. and E. A. von Seggern. 1,987,881; Jan. 15.
 Water cooler. E. T. Williams. 2,009,949; July 30.
 Water cooler and filter. N. Gymnales. 2,018,849; Oct. 29.
 Water cooler, Cabinet. C. F. Truitt. 1,991,641; Feb. 19.
 Water cooling device. A. F. Evers, Jr. 1,994,698; Mar. 19.
 Water cooling system for internal combustion engines. J. O. Elsinger and E. R. Barnard. 2,023,920; Dec. 10.
 Water composition, Industrial. K. Krekeler. 2,023,367; Dec. 3.
 Water craft. E. A. Maynard and B. G. Maynard. 2,020,792; Nov. 12.
 Watercraft and aircraft, Model. C. B. Gordon. 1,994,274; Mar. 12.
 Water degassing apparatus, Feed. von Le Juge. 2,023,630; Dec. 10.
 Water dispenser stand. R. C. Wolfe. 1,993,982; Mar. 12.
 Water eductor, Bilge. L. C. Harrod. 2,015,850; Oct. 1.
 Water eductor, Bilge. L. C. Harrod. 2,023,586; Dec. 10.
 Water exhauster for cannery's use, Hot. H. C. Schau. 1,994,964; Mar. 19.
 Water feed system for lime hydrators. C. M. Bird. 2,020,098; Nov. 5.
 Water feeder. J. J. Harman. 2,023,073; Dec. 3.
 Water feeder and overflow device, Combination. F. H. Mayer. 1,986,511; Jan. 1.
 Water filtering and cooling means. E. J. Sweetland. 2,022,164; Nov. 26.
 Water filtering apparatus. W. H. Jones. 2,024,646; Dec. 17.
 Water, Filtration and clarification of. M. J. Martin. 1,997,114; Apr. 9.
 Water flow in oil wells, Selective shutting off of. I. E. Muskat. 2,016,118; Oct. 1.
 Water for domestic use, Appliance for heating. M. E. Oliphant. 2,007,872; July 9.
 Water from a wet textile and then drying the same, Apparatus for extracting. E. A. Stienen. 2,023,861; Dec. 10.

- Water from auxiliary engines of locomotives, Device for draining. L. Hladik. 2,008,449; July 16.
- Water gate. L. D. Adams. 2,010,249; Aug. 6.
- Waterglass valve. H. Furtney. 2,015,398; Sept. 24.
- Water hammer eliminator. W. M. Gray. 2,002,451; May 21.
- Water heater. J. T. Barrow. 2,001,515; May 14.
- Water heater. C. M. Bechtel. 1,989,581; Jan. 29.
- Water heater. R. L. Brown and N. W. Wrobly. 2,026,341; Dec. 31.
- Water heater. D. Eisinga. 2,024,437; Dec. 17.
- Water heater. P. L. F. Feyling. 1,995,608; Mar. 26.
- Water heater. O. Johnson. 1,991,537; Feb. 19.
- Water heater. A. Kamenetzky. 2,014,135; Sept. 10.
- Water heater. J. J. Lavender. 2,006,836; July 2.
- Water heater. H. J. Long. 2,019,458; Oct. 29.
- Water heater. H. A. Mills. 2,006,838; July 2.
- Water heater. T. Parmelee. 2,022,431; Nov. 26.
- Water heater. P. Swan. 2,015,296; Sept. 24.
- Water heater. W. S. Thomas. 2,024,256; Dec. 24.
- Water heater. G. Van Daam. 1,990,056; Feb. 5.
- Water heater. G. W. Veale. 1,992,789; Feb. 26.
- Water heater. J. F. Walsh. 2,006,726; July 2.
- Water heater. W. W. Williams. 1,991,186; Feb. 12.
- Water heater, Automatic storage. G. E. Starkweather. 2,011,506; Aug. 13.
- Water heater, Electric. S. Conte. 2,000,478; May 7.
- Water heater, Electric. T. Harvey. 1,994,765; Mar. 19.
- Water heater, Electric. O. A. Lenz. 1,990,790; Feb. 12.
- Water heater, Hot. S. Klein. 2,017,251; Oct. 15.
- Water heater, Oil hot. H. B. Miller. 2,015,434; Sept. 24.
- Water heating apparatus. C. C. Ramsdell and D. C. Elliot. 2,008,155; July 16.
- Water heating attachment for oil stoves. E. Koehn. 2,021,556; Nov. 19.
- Water heating device, Submerged. F. A. Johnson. 1,987,853; Jan. 15.
- Water heating system. C. S. Hazard and W. H. McGarry. 2,006,948; July 2.
- Water heating system. V. Moray. 2,002,545; May 28.
- Water heating system, Feed. F. H. C. Coppus. 2,009,577; July 30.
- Water heating system, Hot. F. C. Broderick. 2,005,852; June 25.
- Water heating system, Hot. T. E. King. 1,999,906; Apr. 30.
- Water heating means. R. M. Gerer. 2,015,266; Sept. 24.
- Water heating unit. H. T. Jones. 2,023,786; Dec. 10.
- Water heating unit, Electrical. G. L. Colbie. 2,015,641; Sept. 24.
- Water in storage batteries, Automatic regulation of. S. Morse. 2,001,210; May 14.
- Water level control. P. B. Parks. 1,995,895; Mar. 26.
- Water level recorder. J. C. Stevens. 2,000,046; May 7.
- Water-marking. W. P. McCorkindale. 2,009,185; July 23.
- Watermarking composition. J. C. Boyer. 2,021,141; Nov. 19.
- Water meter. A. P. Busch. 1,996,672; Apr. 2.
- Water meter. P. A. Potter. 1,986,852; Jan. 8.
- Water meter cover. E. M. Krueger. 2,016,606; Oct. 8.
- Water, Method and apparatus for treating. J. C. Baker and G. D. Peet. 1,995,914; Mar. 26.
- Water, Method of and apparatus for purifying. H. B. Hartman. 2,009,230; July 23.
- Water mixing attachment, Hot and cold. M. Seifkin. 1,986,225; Jan. 1.
- Water motor. G. M. Mood. 2,000,781; May 7.
- Water motor. J. Purnasiri. 2,023,821; Dec. 10.
- Water motor. L. Schwarzmayr. 1,996,886; Apr. 9.
- Water motor, Automatically operated. G. W. Jacobs. 2,014,736; Sept. 17.
- Water or steam motor, Double worm. L. L. Foss. 1,988,196; Jan. 15.
- Waterproof case. A. D. Hackworth. 1,986,057; Jan. 1.
- Waterproof closing means. L. V. Keviczky. 1,991,943; Feb. 19.
- Waterproof composition for flooring and the like. H. L. Levin. 1,991,755; Feb. 19.
- Waterproof coverage and material suitable therefor. J. E. Marble. 1,991,168; Feb. 12.
- Waterproofing and polishing compound for wood. H. G. Kittredge. 1,989,170; Jan. 29.
- Waterproofing and polishing compound for wood. H. G. Kittredge. 1,991,752; Feb. 19.
- Waterproofing and polishing compound for wood. H. G. Kittredge. 1,992,010; Feb. 19.
- Waterproofing composition. J. B. Cleveland. 2,022,405; Nov. 26.
- Waterproofing composition and making and applying the same. T. Hans and C. E. Raney. 2,015,796; Oct. 1.
- Waterproofing of masonry walls. A. L. Larson. 2,023,425; Dec. 10.
- Water pump. H. Ford. 1,998,611; Apr. 23.
- Water purification. B. and C. B. Russell. 2,003,314; June 4.
- Water purification plant. S. W. Stewart. 1,995,367; Mar. 26.
- Water purifier, Electric. J. L. Van Dissen, T. O. Williams, and J. M. Lee. 1,986,989; Jan. 8.
- Water purifying device. J. E. Michaud. 1,997,830; Apr. 16.
- Water purifying material and preparing and using the same. G. Borrowman. 1,994,682; Mar. 19.
- Water recovery apparatus. M. Q. Corbett. 1,987,604; Jan. 15.
- Water regulating apparatus, Boiler feed. J. M. Barrett. 1,995,237; Mar. 19.
- Water softener. J. C. Bashioum. 1,990,722; Feb. 12.
- Water softener. F. L. Hopfner. 1,986,774; Jan. 1.
- Water softener. E. M. Welp. 1,996,942; Apr. 9.
- Water softener. A. M. Willbanks. 2,006,287; June 25.
- Water softener device. E. E. Johnson. 1,993,142; Mar. 5.
- Water softener, Portable. W. C. Beck. 2,007,068; July 2.
- Water softening apparatus. T. B. Clark. 2,003,739; June 4.
- Water softening apparatus. W. J. Hughes. 2,012,194; Aug. 20.
- Water softening, Continuous automatic. E. Pick. 2,003,757; June 4.
- Water-soluble compounds soluble in organic solvents and substantially water insoluble and product of such process, Rendering. W. Kritchevsky, C. J. Beckert, and J. Braver. 2,022,678; Dec. 3.
- Water spraying device. J. W. Connell. 2,024,339; Dec. 17.
- Water supply control means for detector cars. G. L. Jones. 1,996,924; Apr. 9.
- Water supply control means for detector cars. A. Winburn. 2,010,169; Aug. 6.
- Water supply system, Combined heating and domestic hot. D. J. Stewart. 1,992,251; Feb. 26.
- Water, System for continuous flow of. J. C. White and R. W. Miller. 1,987,883; Jan. 15.
- Water tank cover. B. S. Michelson. 2,003,006; May 28.
- Water through the pressure bags of tire retreading molds, Circulating hot. H. J. Wook. 2,003,567; June 4.
- Watertight case. P. J. Powers. 1,989,527; Jan. 29.
- Water to boilers, Feeding. V. V. Veenschoten. 2,011,600; Aug. 20.
- Water, Treating. J. M. Gillet. 2,004,694; June 11.
- Water, Treating. R. M. Smith. 2,000,197; May 7.
- Water treating apparatus. O. L. Appleby. 1,992,173; Feb. 26.
- Water treating apparatus. J. A. Montgomery and R. O. Friend. 2,021,919; Nov. 26.
- Water treating apparatus. E. T. Turner. 2,003,762; June 4.
- Water treating apparatus, Portable. A. Gudmundsen. 2,017,456; Oct. 15.
- Water, Treatment of steam boiler. R. E. Hall. 1,997,256; Apr. 9.
- Water tube boiler. O. Engler. 2,024,569; Dec. 17.
- Water tube boiler. F. Graafen. 2,005,543; June 18.
- Water tube boiler. A. Huet. 2,010,859; Aug. 13.
- Water vapor generating system. E. H. Wilkinson. 1,990,394; Feb. 5.
- Waters, Purification of potable and polluted. O. M. Urbain and W. R. Stemen. 2,009,754; July 30.
- Wave analyzer. O. H. Schuck, Jr. 1,994,232; Mar. 12.
- Wave-band filter. G. Schweikert. 2,023,057; Dec. 3.
- Wave capacitor, Short. W. M. Bailey. 1,999,857; Apr. 30.
- Wave converter, Short. H. M. Lewis. 2,001,277; May 14.
- Wave damping response device. F. D. Forte. 1,996,104; Apr. 2.
- Wave detecting system. R. S. Ohi. 1,996,878; Apr. 9.
- Wave filter. H. W. Bode. 2,002,216; May 21.
- Wave filter. S. Darlington. 1,996,504; Apr. 2.
- Wave meter. A. Pulgjaner. 2,013,861; Sept. 10.
- Wave motor. J. F. Massey. 2,009,939; July 30.
- Wave production. I. Breameff. 1,990,023; Feb. 5.
- Wave propagation system. G. B. Scheibell. 1,994,288; Mar. 12.
- Wave receiver, Short. H. M. Lewis. 2,021,692; Nov. 19.
- Wave receiver, Ultra short. R. W. George. 2,011,942; Aug. 20.
- Wave reception, Ultra short. N. E. Lindenblad. 2,011,943; Aug. 20.
- Wave reflector, Short. H. Lux. 2,018,273; Oct. 22.
- Wave signaling system. W. A. MacDonald. 2,007,253; July 9.
- Wave signaling system. W. A. MacDonald. 2,022,514; Nov. 26.
- Wave translation system. H. S. Black. 2,002,499; May 28.
- Wave translation system. H. S. Black. 2,003,282; June 4.
- Wave translation system. H. S. Black. 2,007,172; July 9.
- Wave translation system. H. S. Black. 2,011,566; Aug. 20.
- Wave translation system. E. Peterson. 2,012,286; Aug. 27.
- Wave translation system. A. L. Stillwell. 1,993,758; Mar. 12.
- Wave transmission and modulation. R. A. Helsing. 2,018,401; Oct. 22.
- Wave transmission network. S. Darlington. 1,991,195; Feb. 12.
- Wave transmission networks. W. L. Casper. 2,014,521; Sept. 17.
- Wave transmission, Selective. W. A. Marrison. 1,994,658; Mar. 19.
- Wave transmission system. E. F. Carter. 2,014,520; Sept. 17.
- Wave transmission system. J. A. Csepely. 2,014,081; Sept. 10.
- Wave transmitting system, Ultra-short. F. H. Kroger. 2,017,126; Oct. 15.
- Waver, Marcel. A. J. Janda. 2,005,465; June 18.

- Waves, Device for producing artificial. O. A. Price. 2,019,029; Nov. 5.
- Waves, Producing artificial. O. A. Price. 2,002,043; May 21.
- Waving apparatus, Permanent. D. Lakenbach. 2,013,311; Sept. 3.
- Waving appliance, Permanent. M. Arnold. 2,000,207; May 7.
- Waving device, Permanent. F. R. Marcel. 1,986,443; Jan. 1.
- Waving, Permanent. H. N. Durham and G. B. Finnegan, Jr. 2,014,246; Sept. 10.
- Wax. H. Rodrian, R. Bauer, and A. Doser. 1,990,615; Feb. 12.
- Wax and production of same, High melting point. C. F. Tears. 2,000,427; May 7.
- Wax applicator. T. Mungen. 2,012,474; Aug. 27.
- Wax coating composition. C. Winning. 2,015,739; Oct. 1.
- Wax emulsion. A. H. French. 2,009,488; July 30.
- Wax emulsions, Preparing. J. R. MacRill. 2,019,758; Nov. 5.
- Wax from hydrocarbon oil, Removal of. B. Y. McCarty and W. E. Skelton. 1,995,153; Mar. 19.
- Wax from hydrocarbon oil, Removal of. B. Y. McCarty and W. E. Skelton. 1,998,397-8; Apr. 16.
- Wax from hydrocarbon oil, Removal of. B. Y. McCarty and W. E. Skelton. 2,024,107; Dec. 10.
- Wax from oil, Filtration of. F. X. Govers. 2,003,664; June 4.
- Wax from oil, Removal of. R. E. Wilson. 2,026,336; Dec. 31.
- Wax from oil, Separating. H. V. Atwell. 2,006,010; June 25.
- Wax, Liquid polishing. M. T. Flaxman. 2,010,297; Aug. 6.
- Wax pot for shoe sewing machines. F. C. Jones. 2,020,783; Nov. 12.
- Wax recovery. C. E. Adams. 1,998,747; Apr. 23.
- Wax separation. L. M. Henderson, S. W. Ferris, and H. C. Cowles, Jr. 1,991,389; Feb. 19.
- Waxer or polisher. S. Goddard. 1,989,921; Feb. 5.
- Waxer, Thread or yarn. A. W. Freese. 1,993,340; Mar. 5.
- Waxes, Emulsifiable. W. Schrauth. 2,009,345; July 23.
- Waxes, Fractional crystallization of. E. Petty. 2,007,546; July 9.
- Waxes, Production of improved natural. W. Pungs and M. Jahrstorfer. 1,989,626; Jan. 29.
- Waxes, rosins, oils, etc., to textile fibers, yarns, or fabrics, Apparatus for applying. J. M. Hood. 2,009,232; July 23.
- Waxes, Treatment of. W. A. Sexton and D. Ward. 2,021,926; Nov. 26.
- Waxing pad. W. W. Weller. 1,994,425; Mar. 12.
- Wear compensating bearing. W. A. Tryon. 2,016,757; Oct. 8.
- Wear compensating means. C. L. Best. 2,003,528; June 4.
- Wear guard for trousers. I. Pearl. 1,992,235; Feb. 26.
- Weatherproof tank closure. R. B. Bukolt. 2,016,224; Oct. 1.
- Weatherproofing device. J. F. Fauner. 1,993,506; Mar. 5.
- Weather protector. J. F. Fauner. 1,990,981; Feb. 12.
- Weather strip. E. D. Barringer. 1,989,842; Feb. 5.
- Weather strip. R. B. Calcutt. 2,012,624-5; Aug. 27.
- Weather strip. R. B. Calcutt. 2,020,103; Nov. 5.
- Weather strip. W. J. Dennis. 2,002,569; May 28.
- Weather strip. W. S. Hamm. 2,004,722; June 11.
- Weather strip. J. E. Johnson. 2,002,984; May 28.
- Weatherstrip. D. T. Main. 2,004,413; June 11.
- Weatherstrip. J. J. Sheppard. 2,005,825; June 25.
- Weather strip. J. M. Yates. 2,015,372; Sept. 24.
- Weather-strip and window frame, Combination. H. J. Schubert. 2,001,433; May 14.
- Weather strip, Automatic. R. G. Hazzard. 1,994,645; Mar. 19.
- Weather strip, Channel-type. E. D. Barringer. 2,018,114; Oct. 22.
- Weather strip construction. E. D. Barringer. 2,018,115; Oct. 22.
- Weather strip construction for windows. R. T. Axe. 1,996,635; Apr. 2.
- Weather strip for swinging metal windows. E. D. Barringer. 1,991,357; Feb. 19.
- Weather strip, Metal. O. Dahl. 2,015,259; Sept. 24.
- Weather strip, Metal. O. Dahl. 2,022,408; Nov. 26.
- Weather stripping. D. Abernethy. 2,004,969; June 18.
- Weather stripping. A. A. Guillaume. 2,011,278; Aug. 13.
- Weather stripping. A. J. and A. R. Spanjers. 2,013,869; Sept. 10.
- Weather stripping, Means and method for. F. S. Dietz. 2,001,602; May 14.
- Weaving frame. J. Bechofer. 1,997,539; Apr. 9.
- Web aligning device. J. E. Euth. 1,988,195; Jan. 15.
- Web and forming same, Carrier. E. M. Kratz. 2,024,826; Dec. 17.
- Web controlling device for printing presses. A. J. Cline. 2,006,628; July 2.
- Web controlling mechanism. H. Fankboner. 1,990,643; Feb. 12.
- Web controlling mechanism. E. J. Smith. 1,995,722; Mar. 26.
- Web cutting and scoring device. M. Carlson. 1,998,357; Apr. 16.
- Web cutting machine, Electric. S. Schiller. 2,026,363; Dec. 31.
- Web cutting mechanism. W. E. Sharkey and H. Peters. 2,010,442; Aug. 6.
- Web feed control for presses and the like. W. E. Brunings. 1,996,639; Apr. 2.
- Web feeding mechanism for bag machines. G. W. Poppe. 1,994,665; Mar. 19.
- Web guiding mechanism for printing machines. F. Lamatsch. 2,013,497; Sept. 3.
- Web heating device. H. A. W. Wood. 2,018,907; Oct. 29.
- Web-material, Apparatus for supplying. C. D. Knowlton. 2,020,419; Nov. 12.
- Web, Method of and apparatus for drying a continuous. M. L. Woodruff. 2,012,115; Aug. 20.
- Web of flexible material, Winding a. J. A. Cameron. 2,012,118; Aug. 20.
- Web printing machine. J. J. Harold. 1,989,689; Feb. 5.
- Web printing machine. C. G. Quick and T. R. Bennett. 2,026,434; Dec. 31.
- Web printing press. H. A. W. Wood. 1,993,537; Mar. 5.
- Web renewing mechanism. H. N. Durham. 2,017,343; Oct. 15.
- Web renewing mechanism. H. N. Durham. 2,018,842; Oct. 29.
- Web renewing mechanism. H. Fankboner. 2,000,439; May 7.
- Web renewing mechanism. C. J. Richter. 2,000,253; May 7.
- Web roll support. F. Lamatsch. 2,017,068; Oct. 15.
- Web roll support for printing machines. A. J. Horton. 2,026,173; Dec. 31.
- Web supply carrier for typewriting machines. W. A. Pringle. 1,991,908; Feb. 19.
- Web supply means. D. J. Scott. 2,009,707; July 30.
- Web surfacing apparatus. R. Maclean. 2,011,006; Aug. 13.
- Web tensioning device. G. L. Bezold. 1,996,636; Apr. 2.
- Web threading device. P. J. Berggren. 1,986,424; Jan. 1.
- Web transferring mechanism and take-up. R. H. Lawson and A. Gagné. 2,013,563; Sept. 3.
- Web winder and cutter. L. H. Gregory and E. E. Baker. 1,991,926; Feb. 19.
- Webs, Apparatus and method for drying printed. T. Fuykers. 2,022,593; Nov. 26.
- Webs, Coating. J. A. Cameron and R. McC. Johnstone. 2,025,375; Dec. 24.
- Webs, Cutting. A. M. Zuckerman. 2,023,501; Dec. 10.
- Webs of felted fiber, Manufacture of absorbent water-laid. M. O. Schur. 1,986,291; Jan. 1.
- Webs of paper to printing presses, Feeding. A. Rosenthal. 2,020,124; Nov. 5.
- Webs of printing machines, Renewing. J. R. Tomlin and A. Lundquist. 1,995,269; Mar. 19.
- Webs, Production of perforated. O. C. F. Melsel. 2,007,544; July 9.
- Wedding ring. N. Heyman. 1,999,974; Apr. 30.
- Wedge, Magnetic. F. E. Fisher. 2,015,554; Sept. 24.
- Weed and grass cutter. E. W. Byars. 1,992,287; Feb. 26.
- Weed and plant puller. P. R. Lehota. 2,016,640; Oct. 8.
- Weed control mechanism. W. A. Walthers. 2,007,512; July 9.
- Weed destroyer. D. H. McDonald. 1,988,972; Jan. 22.
- Weed digger and puller. J. Oestreich. 2,019,357; Oct. 29.
- Weed eradicating device. J. M. Junkin. 1,989,932; Feb. 5.
- Weed puller. L. Norcross and T. E. Samuelson. 2,018,279; Oct. 22.
- Weed puller and remover. C. L. Gilstrap and H. T. Smith. 1,998,314; Apr. 16.
- Weeder. E. F. Ball. 2,008,483; July 16.
- Weeder. L. P. Stuart. 2,025,254; Dec. 24.
- Weeding device. H. L. Gebhardt. 2,017,436; Oct. 15.
- Weevils, Device for use in exterminating grain. R. R. Reppert. 1,996,347; Apr. 2.
- Weft detecting mechanism for drop box looms. O. V. Payne. 2,004,341-2; June 11.
- Weft detector actuated by direct light. R. G. Turner. 2,026,148; Dec. 31.
- Weft detector and shuttle therefor, Electrical. R. G. Turner. 1,993,491; Mar. 5.
- Weft detector for looms, Light actuated. R. G. Turner. 2,026,146; Dec. 31.
- Weft detector for shifting shuttle boxes, Photo-electric. R. G. Turner. 2,026,149; Dec. 31.
- Weft replenishing loom. W. E. Lundgren. 2,000,968; May 14.
- Weft replenishing mechanism for looms. A. Jarvis. 2,010,264; Aug. 6.
- Weighing and bagging machine. P. L. Levitre. 2,016,443; Oct. 8.
- Weighing and material feeding means. H. L. Merrick. 2,008,030; July 16.
- Weighing and mixing mechanism. D. C. Jeffrey and H. J. Wolfe. 2,003,832; June 4.
- Weighing apparatus. M. A. Beckett. 2,008,126; July 16.
- Weighing apparatus. W. Timson. 2,014,154; Sept. 10.
- Weighing apparatus. C. F. Wallace. 1,936,308; Jan. 1.
- Weighing apparatus for glassware, Automatic. T. Wardley. 1,999,827; Apr. 30.
- Weighing appliance. F. Wyatt. 2,018,048; Oct. 22.
- Weighing batcher. C. S. Johnson. 2,008,305; July 16.
- Weighing, blending, elevating, and sifting machine. F. X. and E. J. Lauterbur. 2,019,574; Nov. 5.
- Weighing device. L. S. Williams. 2,013,937; Sept. 10.

- Weighing device for paving plants, Automatic. M. Madson, A. H. Ziegler, K. A. Richardson, and H. B. Parrot. 1,997,065; Apr. 9.
- Weighing device, Moistener compensating. D. C. Scott. 1,995,560; Mar. 26.
- Weighing machine. J. C. Brian. 1,993,644; Mar. 5.
- Weighing machine. O. von Bohuszewicz. 2,007,317; July 9.
- Weighing machine, Automatic. J. H. Belknap. 2,011,608; Aug. 20.
- Weighing machine, Automatic. A. B. Gibson. 1,990,068; Feb. 5.
- Weighing machine-discharge regulating type, Automatic. W. N. Paxton. 1,992,716; Feb. 26.
- Weighing means. L. H. Hall and C. G. Linton. 2,009,259; July 23.
- Weight indicator, Cotton-lap. W. H. Trogdon. 2,004,020; June 4.
- Weight indicator, Hydraulic. F. F. Hill. 1,997,864; Apr. 16.
- Weight indicator, Molecular. C. D. Koski. 2,005,191; June 18.
- Weight measuring device, Drill-stem. E. E. Arnold and A. M. Wahl. 2,020,927; Nov. 12.
- Weight recording instrument or dynamometer. W. P. Moore. 1,995,996; Mar. 26.
- Weight regulator. W. Barrett. 2,014,243; Sept. 10.
- Weir. P. Cicin. 1,994,687-8; Mar. 19.
- Weir, Double shutter. A. V. Lutz. 1,989,457; Jan. 29.
- Weir, Hydrostatic. F. Jermar. 1,994,314; Mar. 12.
- Weir, Movable. H. Zimmermann. 2,006,252-3; June 25.
- Weir, Movable. H. Zimmermann. 2,023,944; Dec. 10.
- Weld bar. W. S. Bingham. 1,988,108; Jan. 15.
- Weld controlling device, Electric. D. C. Wright. 2,024,019; Dec. 10.
- Welded articles, Making. T. F. Birmingham. 2,003,820; June 4.
- Welded articles, Method and apparatus for making. J. L. Adams, Jr. 1,997,272; Apr. 9.
- Welded structure. J. R. Mahan. 2,019,460; Oct. 29.
- Welder, Automatic. W. E. Goldsborough. 2,013,630; Sept. 3.
- Welder, Automatic alternating-current. W. R. Harding. 2,023,365; Dec. 3.
- Welder control. C. Stansbury. 2,019,027; Oct. 29.
- Welder, Sheet flash. A. F. Hanson. 2,002,007; May 21.
- Welding. J. L. Anderson. 1,999,854; Apr. 30.
- Welding. G. A. Lutz. 2,016,380; Oct. 8.
- Welding. G. W. Meier. 1,995,546; Mar. 26.
- Welding. J. J. Paugh. 2,001,688; May 14.
- Welding. F. E. Stahl. 2,021,157; Nov. 19.
- Welding and annealing. Electric. C. L. Pfeiffer. 2,018,380; Oct. 22.
- Welding and cutting. Arc. M. Zack. 2,008,846; July 23.
- Welding apparatus. J. L. Brown and T. C. Fockler. 1,987,664; Jan. 15.
- Welding apparatus. A. B. Brusse and J. L. Carman. 2,009,647; July 30.
- Welding apparatus. B. Burns. 1,996,901; Apr. 9.
- Welding apparatus. J. V. Caputo. 1,990,370; Feb. 5.
- Welding apparatus. V. J. Chapman. 2,034,965; Dec. 17.
- Welding apparatus. E. C. Drake. 2,005,912; June 25.
- Welding apparatus. J. M. Halbing and R. J. Kehl. 1,994,700; Mar. 19.
- Welding apparatus. P. M. Hall. 1,994,701; Mar. 19.
- Welding apparatus. W. F. Heineman. 2,010,953; Aug. 13.
- Welding apparatus. J. A. Lavallee. 2,023,086; Dec. 3.
- Welding apparatus. J. G. Lincoln. 2,016,043; Oct. 1.
- Welding apparatus. R. B. Lincoln. 1,987,691; Jan. 15.
- Welding apparatus. H. H. Lurie. 2,016,863; Oct. 8.
- Welding apparatus. W. Sykes. 1,992,553; Feb. 26.
- Welding apparatus. Arc. J. H. Blankenbuehler and O. C. Schoenfeld. 2,008,411; July 16.
- Welding apparatus, Arc. L. S. Burgett. 2,000,161; May 7.
- Welding apparatus, Arc. J. W. Dawson. 1,994,907; Mar. 19.
- Welding apparatus, Arc. W. H. Friedman. 2,011,335; Aug. 13.
- Welding apparatus, Arc. S. C. Osborne. 2,017,509; Oct. 15.
- Welding apparatus, Arc. A. B. Rypinski. 2,009,787; July 30.
- Welding apparatus, Arc. J. P. Tripp. 1,991,128; Feb. 12.
- Welding apparatus, Electric. E. A. Hobart. 1,994,609; Mar. 19.
- Welding apparatus, Electric. G. G. Landis and F. Malner. 1,989,634; Jan. 29.
- Welding apparatus, Electric. G. E. Mirfield, R. E. Lewis, C. Flirth, and J. E. Neale. 2,003,118; May 28.
- Welding apparatus, Electric. D. Sciaky. 2,015,585; Sept. 3.
- Welding apparatus, Flash butt. M. Ito Sumaura-Dori. 1,995,001; Mar. 19.
- Welding, Apparatus for. J. V. Caputo. 2,009,685; July 30.
- Welding, Apparatus for. H. W. Kachel. 2,013,517; Sept. 3.
- Welding, Apparatus for. F. C. Matthaël. 1,989,486; Jan. 29.
- Welding, Apparatus for automatic electric arc. O. Weigner and W. Senft. 2,001,231; May 14.
- Welding, Apparatus for electric. E. Chapman. 1,989,546; Jan. 29.
- Welding, Apparatus for electric. G. E. Markley. 1,989,172; Jan. 29.
- Welding, Apparatus for electric. C. L. Pfeiffer. 2,018,379; Oct. 22.
- Welding, Automatic arc. V. J. Chapman. 2,007,751; July 9.
- Welding burner. J. L. Anderson. 2,005,308; June 18.
- Welding control device, Electric. D. C. Wright. 2,023,631; Dec. 10.
- Welding control system, Electric. H. Klemperer. 1,995,810; Mar. 26.
- Welding device. J. E. Trainer and C. Ziegler. 2,003,320; June 4.
- Welding, Electric. T. F. Birmingham. 2,011,926; Aug. 20.
- Welding, Electric. J. V. Caputo. 2,006,912; July 2.
- Welding, Electric. M. G. Rees. 1,991,414; Feb. 19.
- Welding, Electric arc. O. E. Andrus. 1,990,628; Feb. 12.
- Welding, Electric arc. B. J. Brugge. 2,001,379; May 14.
- Welding, Electric arc. W. R. Hume. 2,017,003; Oct. 8.
- Welding, Electric arc. R. Stresau. 1,986,167; Jan. 1.
- Welding, Electric seam. R. C. F. Kurtze. 2,009,501; July 30.
- Welding electrode holder. H. A. Jackson. 2,003,196; May 28.
- Welding equipment and welding. W. N. Barrington. 2,002,877; May 28.
- Welding, Flash butt. M. Ito. 2,018,263; Oct. 22.
- Welding head, Electric. E. S. Goodspeed. 2,007,602; July 9.
- Welding machine. C. Eisler. 2,006,544; July 2.
- Welding machine. W. F. Heineman. 2,010,954; Aug. 13.
- Welding machine. D. K. Hopkins. 2,015,184; Sept. 24.
- Welding machine. S. Moreira. 1,986,740; Jan. 1.
- Welding machine, Cam escapement. W. A. Weightman. 2,015,914; Oct. 1.
- Welding machine, Electric. L. Breguet. 1,988,537; Jan. 22.
- Welding machine, Electric. C. L. Pfeiffer. 2,024,597; Dec. 17.
- Welding machine for all-metal spools, Electric. J. G. Jones and H. G. Dewey. 2,006,459; July 2.
- Welding machine, Miniature. A. Meadowcroft. 1,986,512; Jan. 1.
- Welding machine, Portable. F. J. Groven and W. F. Pioch. 1,993,961; Mar. 12.
- Welding method. J. A. Lavallee. 2,023,085; Dec. 3.
- Welding, Method and apparatus for. J. L. Adams, Jr. 2,005,329; June 18.
- Welding, Method and apparatus for electric. F. W. Cramer. 2,016,414; Oct. 8.
- Welding, Method and apparatus for electric flash. W. F. Heineman. 2,010,952; Aug. 13.
- Welding method and means. F. Galehouse. 2,024,445; Dec. 17.
- Welding method, Arc. A. Kidd. 2,011,719; Aug. 20.
- Welding method, Electric arc. R. K. Hopkins. 1,997,969; Apr. 16.
- Welding, Method of and apparatus for electric spot. C. E. Hathorn. 2,025,744; Dec. 31.
- Welding or fusing bar. W. S. Bingham. 2,018,116; Oct. 22.
- Welding outlet. E. H. Taylor. 2,015,246; Sept. 24.
- Welding, Process of and apparatus for. G. T. Southgate. 2,025,785; Dec. 31.
- Welding, Projection. F. L. Creager. 2,026,122; Dec. 31.
- Welding reinforcement method. S. Schnetzer. 2,014,090; Sept. 10.
- Welding, Resistance. D. I. Bohn. 2,021,477; Nov. 19.
- Welding rod. J. B. Austin. 2,022,307; Nov. 26.
- Welding rod. F. Cardoza. 1,985,974; Jan. 1.
- Welding rod. J. J. Crowe. 2,026,418; Dec. 31.
- Welding rod. S. W. Miller. 1,993,852; Mar. 12.
- Welding rod. W. B. Miller. 2,010,605; Aug. 6.
- Welding rod. A. T. Roberts and J. H. Paterson. 2,009,240; July 23.
- Welding rod. W. W. Sieg. 2,022,439; Nov. 26.
- Welding rod. R. A. Wilkins. 2,009,977; July 30.
- Welding rod. G. W. Woods. 2,002,462; May 21.
- Welding rod for applying protective abrasion resisting facings. K. Strobel. 2,003,020; May 28.
- Welding rod or flux holder, Making. J. C. Lincoln. 2,000,182; May 7.
- Welding system. C. J. Holslag. 2,025,207; Dec. 24.
- Welding system. C. G. Suits. 2,000,723; May 7.
- Welding system and method. J. P. Tarbox. 2,004,619; June 11.
- Welding system, Arc. C. J. Holslag. 2,025,205; Dec. 24.
- Welding, System of electric. M. R. Wells. 2,007,587; July 9.
- Welding tool, Portable. J. P. Tarbox. 2,004,620; June 11.
- Welding torch mixer. E. Thomas. 1,994,841; Mar. 19.
- Welding transformer. F. W. Fessler. 1,986,884; Jan. 8.
- Weldrod. E. Ammann. 1,999,888; Apr. 30.
- Weldrod. J. H. Hall. 2,026,468; Dec. 31.
- Weldrod and process of welding. J. H. Hall. 2,026,467; Dec. 31.
- Well and well drilling fluid, Drilling. H. A. Ambrose and A. G. Loomis. 1,999,147; Apr. 23.
- Well apparatus. K. Kelley and S. J. Perkins. 1,993,515; Mar. 5.
- Well bore defecting tool. M. J. Lewis. 2,016,042; Oct. 1.
- Well capping device. R. Koch. 1,999,699; Apr. 30.
- Well capping device, Oil and gas. G. Syrobo. 2,018,194; Oct. 22.
- Well cementing apparatus. J. H. Slocum. 2,013,674; Sept. 10.
- Well construction. W. Kelly. 2,011,448; Aug. 13.
- Well construction and making the same. T. W. Thorpe. 2,025,317; Dec. 24.

- Well development. R. R. Schweitzer and C. R. Sundquist. 2,018,283-5; Oct. 22.
- Well drill. J. C. Wright. 2,022,101; Nov. 26.
- Well drill bit. R. F. Johnson. 2,010,236; Aug. 6.
- Well drilling and coring system. Deep. C. L. Walker. 1,996,132; Apr. 2.
- Well drilling apparatus. C. E. Bannister. 2,002,387; May 8.
- Well drilling apparatus. C. E. Bannister. 2,016,067; Oct. 1.
- Well drilling apparatus. E. I. Shoe and F. C. Landis. 2,004,494; June 11.
- Well drilling device. C. E. Bannister. 2,016,066; Oct. 1.
- Well drilling tool. L. E. Thomas. 2,008,523; July 16.
- Well equipment. S. V. Dillon. 2,002,140; May 21.
- Well flowing device. J. W. Taylor. 2,022,749; Dec. 3.
- Well head. A. J. Penick and K. T. Penick. 2,016,451; Oct. 8.
- Well packer. D. L. T. O'Connor. 2,009,198; July 23.
- Well packer. F. A. Reed. 1,988,397; Jan. 15.
- Well packer. R. R. Renouf. 2,005,955; June 25.
- Well packer. F. J. Spang. 2,021,206; Nov. 19.
- Well packer. Feather-type valved. E. Nelson, Sr. 2,009,322; July 23.
- Well plug, Bottom hole. C. L. Maguire and G. Hadley. 2,006,105; June 25.
- Well point. T. G. Griffin. 2,011,518; Aug. 13.
- Well production apparatus. J. H. Howard. 2,002,062; May 21.
- Well pump, Rotary impeller type. J. A. Wintroath. 2,009,008; July 23.
- Well pumping and pumps. Deep. R. J. S. Pigott. 2,022,781; Dec. 3.
- Well pumping apparatus. E. Freeman. 2,006,592; July 2.
- Well pumping apparatus. H. N. Herrick. 2,020,550; Nov. 12.
- Well pumping device. L. W. Blau. 2,018,700; Oct. 29.
- Well pumping rig. J. R. Long. 2,014,653; Sept. 17.
- Well pumping system. J. F. Purdum. 1,995,815; Mar. 26.
- Well reamer. J. I. Seay. 1,997,436; Apr. 9.
- Well screen. W. E. Harrington. 1,994,344; Mar. 12.
- Well screen. C. E. Records. 1,992,718; Feb. 26.
- Well spider. H. R. Standlee. 1,999,519; Apr. 30.
- Well surveying device. C. B. Bazzoni. 2,012,455; Aug. 27.
- Well surveying device. G. A. Smith. 1,999,215; Apr. 30.
- Well surveying instrument. G. L. Kothny. 2,012,456; Aug. 27.
- Well surveying instrument. G. L. Kothny and F. C. Narvesen. 2,000,524; May 7.
- Well tool. R. I. Henderson. 1,986,340; Jan. 1.
- Well tool. J. H. Howard. 1,995,388; Mar. 26.
- Well treatment. J. R. Wilson. 1,990,969; Feb. 12.
- Well tubing hanger. G. C. Imler and D. M. Hause. 2,003,446; June 4.
- Well volumes, Determining. L. L. Foley. 2,010,755; Aug. 6.
- Well water suction power system with motors. Deep. L. L. Foss. 1,988,197; Jan. 15.
- Wells, Apparatus for cleaning oil. E. H. Blum. 1,989,035; Jan. 22.
- Wells, Cementing. E. P. Halliburton. 2,004,606; June 11.
- Wells, Cementing and testing. W. L. Church. 2,016,919; Oct. 8.
- Wells, Device for equipping. E. Gray and C. C. Brown. 1,994,816; Mar. 19.
- Wells, Drilling. J. P. Lawlor. 2,016,785; Oct. 8.
- Wells, Flowing. R. B. Bryant. 2,008,172; July 16.
- Wells, Increasing the production of. H. A. Ambrose and A. G. Loomis. 1,999,146; Apr. 23.
- Wells, Method and apparatus for forming. H. B. Davidson. 2,026,419; Dec. 31.
- Wells, or shafts, and for like operations, Apparatus for the boring of. P. J. M. T. Allard. 1,986,095-6; Jan. 1.
- Wells, Plugging back or bridging. E. P. Halliburton. 2,014,563; Sept. 17.
- Wells, Treating. I. E. Muskat. 2,010,409; Aug. 6.
- Wells, Treating oil and gas. R. Van A. Mills. 2,001,350; May 14.
- Wells, Treatment of. L. C. Chamberlain. 2,024,718; Dec. 17.
- Wells, Treatment of. J. J. Grebe. 1,989,479; Jan. 29.
- Wells, Treatment of deep. J. J. Grebe and S. M. Stoesser. 1,998,756; Apr. 23.
- Welt, Calking. L. F. Plummer. 2,004,447; June 11.
- Welt coating machine. A. Bates and J. H. Brown. 2,015,134; Sept. 24.
- Welt, Goodyear. W. F. Heft. 2,023,380; Dec. 3.
- Welt turning mechanism for knitting machines. M. C. Miller. 1,995,643; Mar. 26.
- Welting and producing it. G. H. Jennings. 2,004,116; June 11.
- Weltling and producing weltling. G. H. Jennings. 2,004,117; June 11.
- Weltling and producing weltling. E. E. Kent. 2,004,118; June 11.
- Weltling and the manufacture thereof. W. C. Vizard. 2,011,961; Aug. 20.
- Weltling for use in the manufacture of shoes. G. Goddu. 1,985,892; Jan. 1.
- Weltling, Goodyear. W. Brown. 2,004,887; June 11.
- Weltling, Making. W. C. Vizard. 2,011,959-60; Aug. 20.
- Wet drum meter. L. I. Dana and F. P. Kinson. 2,023,006; Dec. 3.
- Wet film holder. R. P. Leavitt. 1,997,336; Apr. 9.
- Wetting agent. B. R. Harris. 2,023,387; Dec. 3.
- Wetting agents for use in mercerizing lyes, Preparation of. H. Lier. 1,998,550; Apr. 23.
- Wetting agents, Preparing. W. Schrauth. 2,015,500; Sept. 24.
- Wetting assistant for mercerizing cotton. K. Brodersen. 2,010,176; Aug. 6.
- Wetting, emulsifying, and washing agent. C. A. Thomas. 1,992,160; Feb. 19.
- Wetting out, cleaning, and emulsion agents in a solid grindable form. P. Friesenhahn. 1,999,628; Apr. 30.
- Wetting-out power of alkaline lyes, Increasing the. H. Lier. 2,008,458-9; July 16.
- Wetting preparations and their manufacture. C. Dunbar and W. Todd. 2,000,559; May 7.
- Wharf, Floating. H. P. Elliott. 1,996,955; Apr. 9.
- Wheel: See—
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| Abrasive wheel. | Metal wheel. |
| Aircraft landing wheel. | One-piece disk wheel. |
| Aircraft wheel. | Polishing wheel. |
| Airplane landing wheel. | Power transmission wheel. |
| Artillery wheel. | Propeller wheel. |
| Automobile wheel. | Railway wheel. |
| Braking wheel. | Resilient wheel. |
| Buffing and polishing wheel. | Resiliently mounted wheel. |
| Buffing or polishing wheel. | Sanding wheel. |
| Car wheel. | Sheet separating combing wheel. |
| Cast wheel. | Skate wheel. |
| Cushion wheel. | Spray wheel. |
| Demountable wheel. | Steering wheel. |
| Dial telephone finger wheel. | Tail wheel. |
| Differential dual wheel. | Toy balloon tire wheel. |
| Driving wheel. | Toy looping wheel. |
| Dual wheel. | Tracklaying wheel. |
| Embossed wheel. | Tractor wheel. |
| Feathering paddle wheel. | Vehicle steering wheel. |
| Fifth wheel. | Vehicle wheel. |
| Grinding wheel. | Wind wheel. |
- Wheel. J. R. Allan and O. B. Zimmerman. 1,996,226; Apr. 2.
- Wheel. C. S. Ash. 2,019,556; Nov. 5.
- Wheel. F. B. Bell. 1,993,430; Mar. 5.
- Wheel. W. N. Booth. 1,991,489; Feb. 19.
- Wheel. J. R. Cautley. 2,018,913; Oct. 29.
- Wheel. F. C. Frank. 1,989,188-9; Jan. 29.
- Wheel. F. C. Frank. 2,018,953; Oct. 29.
- Wheel. C. W. Gannett. 2,007,444; July 9.
- Wheel. B. Isidin. 2,016,435; Oct. 8.
- Wheel. V. W. Kliersrath. 2,022,041; Nov. 26.
- Wheel. E. Latsbaw. 2,024,375; Dec. 17.
- Wheel. F. H. Le Jeune. 2,002,292; May 21.
- Wheel. F. H. Le Jeune. 2,019,145; Oct. 29.
- Wheel. O. A. Parker. 2,005,828; June 25.
- Wheel. C. W. Sinclair. 2,008,933; July 23.
- Wheel. W. Stelzer. 2,018,928; Oct. 29.
- Wheel. J. W. Vanderveer. 1,999,531; Apr. 30.
- Wheel action, Single rear. J. Pavlack, Jr. 2,012,202; Aug. 20.
- Wheel adjusting device, Mold. E. G. Klingberg. 1,992,918; Feb. 26.
- Wheel aligner. J. C. Creagmile. 1,992,521; Feb. 26.
- Wheel aligner, Automobile. V. Claywell. 2,006,013; June 25.
- Wheel aligning device. J. C. Creagmile. 1,987,098; Jan. 8.
- Wheel aligning equipment. C. C. Bennett. 1,989,807; Jan. 29.
- Wheel aligning gauge. J. F. Duby. 1,996,409; Apr. 2.
- Wheel alignment testing device. H. E. Musselman. 1,988,327; Jan. 15.
- Wheel and axle assembly. W. C. Hedgcock. 2,001,193; May 14.
- Wheel and axle assembly. A. H. Oelkers. 2,023,695; Dec. 10.
- Wheel and axle assembly. A. H. Oelkers and G. G. Floyd. 2,025,343; Dec. 24.
- Wheel and bearing. S. M. Weckstein. 2,024,121; Dec. 10.
- Wheel and brake assembly. C. S. Ash. 2,019,109; Oct. 29.
- Wheel and brake drum, Ventilated. L. J. Rogers. 2,022,153; Nov. 26.
- Wheel and brake mechanism. H. D. Allee. 2,022,174; Nov. 26.
- Wheel and forming same, Vehicle. C. S. Ash. 2,020,866; Nov. 12.
- Wheel and making same. A. T. Kvarnstrom. 1,998,674; Apr. 23.
- Wheel and tire assembly. D. M. Goodrich. 2,016,776; Oct. 8.
- Wheel and trailer connection, Fifth. C. E. Dorsey, Jr. 2,007,041; July 2.
- Wheel and wheel cover. O. U. Zerk. 2,011,134; Aug. 13.
- Wheel assembly. H. F. Dixon. 1,991,497; Feb. 19.
- Wheel assembly, Spare. G. A. Lyon. 1,992,671; Feb. 26.
- Wheel attachment for sleds. L. Brunetti. 2,024,423; Dec. 17.
- Wheel balancer. J. W. Hume. 1,997,825; Apr. 16.
- Wheelbarrow. G. M. Carter. 2,010,975; Aug. 13.
- Wheelbarrow. G. W. Snyder and C. A. Snyder. 2,011,917; Aug. 20.
- Wheelbarrow for coal trucks. J. Bremner. 2,012,656; Aug. 27.
- Wheel brake. K. Muenz. 2,012,577; Aug. 27.
- Wheel carrier. E. G. Sprung. 1,993,865; Mar. 12.
- Wheel chair. L. S. and A. M. Wright. 2,004,683; June 11.
- Wheel chock. H. B. Brueggemann. 2,011,469; Aug. 13.

- Wheel construction. H. G. Pressentin. 2,016,048; Oct. 1.
 Wheel construction, Dual purpose. E. L. Harry. 1,988,792; Jan. 22.
 Wheel construction, Fifth. H. Ketel, C. M. Harris, and H. Van Der Heuvel. 2,005,722; June 25.
 Wheel construction, Fifth. C. G. Seyferth and H. E. Swanson. 1,999,375; Apr. 30.
 Wheel construction, Reinforced. G. J. Pannecoucke. 2,014,633; Sept. 17.
 Wheel construction, Vehicle. J. Ledwinka. 2,000,000; Apr. 30.
 Wheel construction, Vehicle. C. W. Sinclair. 2,019,584; Nov. 5.
 Wheel cover, F. Gatta. 2,020,885; Nov. 12.
 Wheel cover. J. J. Zeller. 1,989,839; Feb. 5.
 Wheel cover and securing means therefor. O. U. Zerk. 1,985,908; Jan. 1.
 Wheel cover, Steering. R. C. Maxedon and D. Penn. 1,997,738; Apr. 16.
 Wheel disk, Ornamental. G. A. Lyon. 2,016,251; Oct. 1.
 Wheel dressing device. A. P. Steiner. 2,019,029; Oct. 29.
 Wheel drive, Front. W. McCarthy and G. Wolff. 2,003,718; June 4.
 Wheel driving mechanism, Free. J. R. Collyear and S. L. Batty. 2,004,650; June 11.
 Wheel fairing. G. A. Page, Jr. 2,021,325; Nov. 19.
 Wheel for harvester threshers, combined grain and transport. E. A. Johnston. 2,002,473; May 21.
 Wheel for power-driven vehicles and the like. E. and W. Zipper. 2,024,264; Dec. 17.
 Wheel for rail vehicles, Resilient. L. Bacqueyrisse. 2,012,369; Aug. 27.
 Wheel for semitrailers, Drop. J. S. Edwards. 1,994,855; Mar. 19.
 Wheel for semitrailers, Drop. J. S. Edwards. 2,008,948; July 23.
 Wheel for trailers, Fifth. H. Ketel. 1,996,425; Apr. 2.
 Wheel for vehicles and other purposes, Electrically heated steering. S. J. Claridge. 2,018,947; Oct. 29.
 Wheel freeing attachment for automobile lifts. F. R. Johnston. 2,002,578; May 28.
 Wheel guard structure. H. W. Barnhart. 2,017,227; Oct. 15.
 Wheel guard, Trolley. C. A. Kessler. 2,009,499; July 30.
 Wheel holder. L. J. Patton and H. J. Terrill. 2,005,003; June 18.
 Wheel lock and easy starting device for vehicles. C. A. K. Cornwall. 2,023,758; Dec. 10.
 Wheel mounting. C. L. Eksergian and J. P. Tarbox. 2,014,247; Sept. 10.
 Wheel mounting structure, Spare. C. M. Ellenberger, J. B. Blank, and B. O. Prentice. 2,015,422; Sept. 24.
 Wheel-mounting tool. J. M. Patterson. 1,999,206; Apr. 30.
 Wheel or other metallic structure and manufacturing the same, Vehicle. W. H. Farr. 2,007,892; July 9.
 Wheel or tire lock, Spare. W. L. Hawkins. 1,991,208-9; Feb. 12.
 Wheel puller. A. L. Cornwell. 2,005,534; June 18.
 Wheel refinisher. J. S. McWhirter. 1,999,418; Apr. 30.
 Wheel rim construction, Vehicle. L. J. Rosa and C. S. Ash. 1,993,813; Mar. 12.
 Wheel rim, Tractor. F. Schultz. 2,021,265; Nov. 19.
 Wheel scraper, Hydraulically controlled. M. C. Slate. 1,989,560; Jan. 29.
 Wheel scrubbing apparatus. G. L. Rosebrook. 2,025,780; Dec. 31.
 Wheel structure. W. H. Farr. 2,003,109; May 28.
 Wheel structure. C. Sauzedde. 2,017,076; Oct. 15.
 Wheel structure, Aircraft braking. C. Sauzedde. 2,019,508; Nov. 5.
 Wheel support for harvesters, Resilient. W. J. Coultas. 2,001,183; May 14.
 Wheel support for testing apparatus. J. Leflar. 2,016,943; Oct. 8.
 Wheel supports for motor vehicles, Individual. J. W. Leighton. 2,000,180; May 7.
 Wheel suspension. G. Wolff. 1,993,080; Mar. 5.
 Wheel suspension for motor cars, Individual. J. W. Leighton. 1,994,583; Mar. 19.
 Wheel suspension for motor vehicles, Individual front. J. W. Leighton. 2,017,316; Oct. 15.
 Wheel suspension for vehicles, Independent. T. C. Pearse and T. H. Bonser. 2,026,057; Dec. 31.
 Wheel suspension, Independent. G. Broulhet. 2,025,720; Dec. 31.
 Wheel suspension, Independent vehicle. L. B. Rivard. 2,000,255; May 7.
 Wheel suspension, Individual. C. F. Lantz. 2,019,982; Nov. 5.
 Wheel suspension, Individual. R. F. Peo. 2,019,725; Nov. 5.
 Wheel suspension means, Individual. V. O. Kromm, H. L. Kohl, and C. H. Courtney de Guere. 2,024,372; Dec. 17.
 Wheel testing apparatus. I. A. Weaver, A. R. Squyer, and E. K. Hall. 2,003,912; June 4.
 Wheel wrench. T. J. Davies. 2,000,744; May 7.
 Wheeling plate. R. R. Colgate. 1,993,261; Mar. 5.
 Wheels and the like, Quenching. A. Walcher. 2,019,281; Oct. 29.
 Wheels, Apparatus for aligning. M. Miller. 2,020,613; Nov. 12.
 Wheels, Appliance for testing vehicle. H. Casler and C. P. Grimes. 2,006,788; July 2.
 Wheels, Device for dressing profile grinding. H. Godziewski. 1,988,895; Jan. 22.
 Wheels, Device for use in cleaning steering. A. D. Zook. 2,005,925; June 25.
 Wheels, Dressing grinding. C. J. Halborg, W. A. Hart, and P. F. Seibold. 1,997,862; Apr. 16.
 Wheels for vehicles running on roads and on rails, Mounting of. L. Willeme. 2,010,617; Aug. 6.
 Wheels, Forming pressed sheet metal spoked. J. MacLennan. 2,018,076-8; Oct. 22.
 Wheels, Generating worm. O. G. Simmons. 1,995,327; Mar. 26.
 Wheels, Making. C. L. Eksergian. 1,989,743; Feb. 5.
 Wheels, Making. G. J. and J. P. Pannecoucke. 2,013,895; Sept. 10.
 Wheels, Making. O. U. Zerk. 1,994,558; Mar. 19.
 Wheels, Making vehicle. A. C. Korte. 2,016,927; Oct. 8.
 Wheels, Manufacture of spur and bevel. F. K. Samek. 2,024,747; Dec. 17.
 Wheels, Method for welding. O. U. Zerk. 1,994,557; Mar. 19.
 Wheels, Method of casting. B. R. Benjamin and O. B. Zimmerman. 1,996,229; Apr. 2.
 Wheels, Mounting of twin tired. P. M. Bourdon. 2,018,598; Oct. 22.
 Wheels, Nonmetallic gear. C. W. Mansur. 2,000,769; May 7.
 Wheels of motor vehicles, Apparatus for truing the. M. Miller. 2,020,614; Nov. 12.
 Whey preparation. J. Sirek. 2,023,359; Dec. 3.
 Whipper and scraper for ice cream freezers, Combined. H. S. Mills. 2,004,446; June 11.
 Whipstock packer. L. A. Layne. 2,020,471; Nov. 12.
 Whipstocks, Method and apparatus for orienting. A. B. Palmer and G. L. Kothny. 2,012,138; Aug. 20.
 Whipstocks, Orienting. G. L. Kothny. 2,006,556; July 2.
 Whipstocks, Orienting. S. H. Williston. 2,012,152; Aug. 20.
 Whisk. W. F. Dehuff. 1,998,120; Apr. 16.
 Wick, Candle. A. T. Candy, Jr. 2,001,377; May 14.
 Wick for oil burners. S. Hughes. 2,013,442; Sept. 3.
 Wick for oil burners. J. M. Weaver. 2,009,865; July 30.
 Wick remover. W. Nelson. 2,025,605; Dec. 24.
 Wigwag signal. W. E. Signor. 2,002,330; May 21.
 Winch. E. C. Clark. 2,011,998; Aug. 20.
 Winch and like hoisting apparatus. A. A. Quick. 2,017,352; Oct. 15.
 Winch, Automatic tension. W. C. Dean. 2,008,687; July 23.
 Winch control. E. M. Clayton. 1,987,667; Jan. 15.
 Winch, Double acting. G. Thiman. 2,010,280; Aug. 6.
 Winch for vehicles, Freight loading and unloading. V. T. Wren. 2,016,130; Oct. 1.
 Wind instrument. C. L. Dewey. 2,008,900; July 23.
 Windmill. G. A. Belding. 2,015,777; Oct. 1.
 Windmill. E. G. Francis. 2,018,888; Oct. 29.
 Windmill. A. M. Lockwood. 2,006,024; June 25.
 Windmill. O. R. Olson and H. L. Mika. 2,005,470; June 18.
 Windmill. H. Schlachter. 2,024,781; Dec. 17.
 Windmill guide device. A. L. Ligon. 1,988,626; Jan. 22.
 Windmill regulator, Pressure controlled. H. Schlachter. 2,023,292; Dec. 3.
 Wind motor. C. Amico. 2,023,659; Dec. 10.
 Wind motor, Self-governed. J. Rorvik. 1,986,752; Jan. 1.
 Windscreen. C. F. Carlotti. 2,003,106; May 28.
 Windshield. A. B. Beitman. 1,988,412; Jan. 15.
 Windshield. W. J. Grotenhuis. 2,002,736; May 28.
 Windshield. B. Lewis and H. F. Howard. 2,025,599; Dec. 24.
 Windshield. H. F. Mills. 2,022,296; Nov. 26.
 Windshield and cleaner therefor, Combined. H. Hueber. 1,998,760; Apr. 23.
 Windshield attachment. E. T. G. Dahlstrom and H. H. Hahn. 1,986,560; Jan. 1.
 Windshield cleaner. B. A. Bean, Jr. 2,002,336; May 21.
 Windshield cleaner. E. C. Horton. 2,006,323; June 25.
 Windshield cleaner. H. Hueber. 1,996,018; Mar. 26.
 Windshield cleaner. H. Hueber and E. C. Horton. 2,022,885; Dec. 3.
 Windshield cleaner. J. R. Oishei. 2,012,254; Aug. 20.
 Windshield cleaner blade. E. C. Horton. 2,006,322; June 25.
 Windshield cleaner, Parking electric. B. A. Bean, Jr. 2,012,804; Aug. 27.
 Windshield control mechanism. W. S. Pritchard. 1,991,521; Feb. 19.
 Windshield control mechanism, Automobile. E. L. Kraft. 2,011,057; Aug. 13.
 Windshield defrosting device. B. Weller. 2,006,122; June 25.
 Windshield for automobiles. E. L. Kraft. 2,011,056; Aug. 13.
 Windshield for automobiles. E. L. Kraft. 2,011,059; Aug. 13.
 Windshield for automobiles. E. L. Kraft. 2,025,596-7; Dec. 24.
 Windshield for motor cars, Auxiliary. L. M. Harvey. 2,001,420; May 14.
 Windshield guard, Automobile. E. A. Ghazal. 1,989,592; Jan. 29.
 Windshield heater. H. C. Fiege. 1,995,769; Mar. 26.
 Windshield heater. H. Hueber. 1,996,019; Mar. 26.
 Windshield heater. T. H. Liebler. 2,023,600; Dec. 10.

- Windshield heater. J. Muvrin. 2,016,019; Oct. 1.
 Windshield heater. L. Zaiger. 2,003,028. May 28.
 Windshield heater. M. Zaiger. 2,006,005-6; June 25.
 Windshield opening and closing regulator. A. H. Haber-stump. 2,022,036; Nov. 26.
 Windshield storm screen. J. R. Oishei and E. V. Schaal. 2,002,438; May 21.
 Windshield water supply. H. B. Rogers. 1,998,387; Apr. 16.
 Windshield wiper control mechanism. W. C. Hansen and E. F. Webb. 2,016,142; Oct. 1.
 Wind T for airports. A. M. Wilhelm. 2,017,224; Oct. 15.
 Wind wheel. A. L. Mauldin. 2,014,337; Sept. 10.
 Winder, Constant speed. E. P. Searing. 2,015,196; Sept. 24.
 Winding and reeling device. A. E. Heath. 2,008,612; July 16.
 Winding apparatus. R. H. Carter. 2,022,338; Nov. 26.
 Winding device. B. A. Casper. 1,987,141; Jan. 8.
 Winding device. N. H. Nye. 2,016,509; Oct. 8.
 Winding device for tops. H. Schmidt. 1,991,122; Feb. 12.
 Winding for the stationary members of alternating current dynamo-electric machines. G. A. Juhlin. 2,006,170; June 25.
 Winding gear. S. F. and G. E. Armington. 2,015,331; Sept. 24.
 Winding machine. E. J. Abbott. 1,993,910; Mar. 12.
 Winding machine. E. J. Abbott. 1,994,455; Mar. 19.
 Winding machine. E. J. Abbott. 1,995,730; Mar. 26.
 Winding machine. J. A. Cameron. 2,023,165; Dec. 3.
 Winding machine. F. Klein. 2,018,497; Oct. 22.
 Winding machine. N. Marcalus. 1,986,680; Jan. 1.
 Winding machine. J. O. McKean. 1,992,757; Feb. 26.
 Winding machine. E. F. Parks. 2,022,572; Nov. 26.
 Winding machine. R. Pash. 1,994,661; Mar. 19.
 Winding machine. A. F. Pym. 1,989,062; Jan. 22.
 Winding machine. W. Reiners and G. Kablisch. 2,010,465; Aug. 6.
 Winding machine. E. R. Swanson. 2,021,031; Nov. 12.
 Winding machine for filaments. E. L. Wildy. 2,012,208; Aug. 20.
 Winding machine with individual driving for the spindle units. W. Reiners and G. Kablisch. 1,994,403-4; Mar. 12.
 Winding mechanism. C. C. McCain and J. W. Hernlund. 2,023,430; Dec. 10.
 Winding mechanism for paper bottles. A. Bodor. 2,001,177; May 14.
 Winding of a cable on a drum, Preventing reverse. F. E. Stahl. 2,019,512; Nov. 5.
 Winding reel. H. L. Hall. 2,023,681; Dec. 10.
 Winding with two parallels per pole. L. A. Kilgore. 2,015,562; Sept. 24.
 Window. F. P. Anderson. 2,011,746; Aug. 20.
 Window. T. J. Anderson. 2,002,683; May 28.
 Window. G. R. Carl. 2,017,652; Oct. 15.
 Window. A. Kaspar. 2,000,522; May 7.
 Window. H. T. Reynolds. 2,024,877; Dec. 17.
 Window. H. G. V. Rydahl. 2,003,723; June 4.
 Window. B. A. Stere and E. C. Auschmer. 2,014,704; Sept. 17.
 Window and making the same. Art. L. L. Blake. 1,991,359; Feb. 19.
 Window and screen hanger. Storm. R. J. Haug. 2,002,738; May 28.
 Window and the like. A. Hauck. 2,026,384; Dec. 31.
 Window assembly. H. C. Field and B. H. Bowlus. 1,996,572; Apr. 2.
 Window assembly. H. C. Field and E. G. Simpson. 2,021,719; Nov. 19.
 Window assembly. H. E. Van Voorhees and T. P. Archer. 1,996,559; Apr. 2.
 Window assembly, Detention. W. D. Bayley. 2,020,046; Nov. 5.
 Window assembly, Detention. W. D. Bayley. 2,020,094; Nov. 5.
 Window assembly for an automotive vehicle. H. C. Field. 2,001,778; May 21.
 Window assembly for an automotive vehicle. H. E. Van Voorhees, A. C. Andersen, and T. P. Archer. 2,022,015; Nov. 26.
 Window, Casement. E. H. Ellison. 1,988,306; Jan. 15.
 Window, Casement. A. C. Shrader. 2,010,738; Aug. 6.
 Window chair. A. Boesch. 2,010,532; Aug. 6.
 Window cleaner. J. Lenhart. 2,021,069; Nov. 12.
 Window channel. C. P. Schlegel. 2,012,354; Aug. 27.
 Window cleaner. K. S. Rogers. 2,008,615; July 16.
 Window cleaning implement. A. E. Boulton. 1,994,939; Mar. 19.
 Window closure, Auxiliary. A. C. Hayden. 2,026,128; Dec. 31.
 Window, Combination. F. H. G., and E. F. Repetto. 1,994,201; Mar. 12.
 Window construction. R. Benzenberg. 2,026,119; Dec. 31.
 Window construction. J. V. Desmarais. 2,007,849; July 9.
 Window construction. H. R. Graf. 2,010,298; Aug. 6.
 Window construction. K. Hampel. 1,987,679; Jan. 15.
 Window construction. T. H. Holt and J. F. Levan. 2,011,052; Aug. 13.
 Window construction. G. W. Howenstein. 2,000,564; May 7.
 Window construction. R. H. Imhofe. 2,026,175; Dec. 31.
 Window construction. C. E. Julin. 2,023,052; Dec. 3.
 Window construction. C. W. Kelly. 1,987,236; Jan. 8.
 Window construction. W. P. Kessler. 2,011,152; Aug. 13.
 Window construction. M. J. Kohut. 2,021,604; Nov. 19.
 Window construction. J. F. Levan. 2,024,772; Dec. 17.
 Window construction. E. Peremi and L. Toth. 1,999,208; Apr. 30.
 Window construction. M. P. Rumney. 2,007,435; July 9.
 Window construction. E. C. Swanson. 2,003,982; June 4.
 Window construction. J. A. Swenson. 2,013,590; Sept. 3.
 Window construction. J. Szekeres. 1,999,025; Apr. 23.
 Window construction. B. J. Triller. 1,987,380; Jan. 8.
 Window construction. J. N. Victor. 2,000,366; May 7.
 Window construction and installing the same. B. J. Triller. 2,023,753; Dec. 10.
 Window construction, Bus or car. T. G. Conway. 2,012,120; Aug. 20.
 Window construction, Bus or car. T. G. Conway. 2,012,156; Aug. 20.
 Window construction, Bus or car. J. Schunk. 2,001,435; May 14.
 Window construction, Double. J. H. Fox. 2,021,179; Nov. 19.
 Window construction, Double. R. A. Miller and F. Gels-tharp. 2,015,808; Oct. 1.
 Window construction, Double glazed. J. H. Fox and H. S. Heichert. 2,015,789; Oct. 1.
 Window construction for air-conditioned cars. J. Schunk. 2,012,141; Aug. 20.
 Window construction for refrigerators. W. H. Ziepk. 1,985,909; Jan. 1.
 Window construction for vehicle bodies. T. P. Lohrman. 2,024,773; Dec. 17.
 Window construction, Soundproof. S. J. Zand. 1,991,832; Feb. 19.
 Window construction, Vehicle door. H. Rainier. 2,018,872; Oct. 29.
 Window control device. R. H. Butters. 1,994,940; Mar. 19.
 Window, Convertible hinge. J. Podore. 1,993,281; Mar. 5.
 Window covering device. G. Jaeger. 1,999,504; Apr. 30.
 Window curtain support. G. M. O. Jenkins. 2,005,546; June 18.
 Window detention construction, Bay. W. D. Bayley. 2,020,495; Nov. 12.
 Window device, Pneumatic vehicle. G. I. Waddey. 1,990,624; Feb. 12.
 Window, Display. G. B. Brown and E. Pollard. 2,003,735; June 4.
 Window, Display. E. M. Fritz. 1,998,500; Apr. 23.
 Window, Double hung casement. F. Armento. 2,020,926; Nov. 12.
 Window fastener. C. W. Carr. 2,003,246; May 28.
 Window for prisons, Escape-proof. R. L. Clark. 1,986,713; Jan. 1.
 Window frame and sash. W. N. Warrington. 2,009,720; July 30.
 Window frame and sash construction. R. M. Burns. 1,991,840; Feb. 19.
 Window frame and sash therefor. E. H. McClintock. 2,010,550; Aug. 6.
 Window frame channel. B. L. Prentice. 2,017,511; Oct. 15.
 Window frame, Double hung. M. F. Powers. 2,026,285; Dec. 31.
 Window glass runway. F. J. Westrope. 2,017,556; Oct. 15.
 Window guide device. J. G. Hickman, B. H. Bowlus, J. W. Jackson, and H. C. Field. 1,991,017; Feb. 12.
 Window hanger. M. L. Stoelting. 2,008,971; July 23.
 Window jack. M. Neinhause. 2,001,626; May 14.
 Window latch. A. R. Mellor. 2,015,456; Sept. 24.
 Window lift. L. B. Van Leuven. 2,010,680; Aug. 6.
 Window lift for vehicles. O. K. Beckler. 1,989,964; Feb. 5.
 Window lock. L. Eisenman. 1,998,124; Apr. 16.
 Window lock. C. Koehler. 1,992,033; Feb. 19.
 Window lock. S. H. Lesser. 2,024,588; Dec. 17.
 Window lock. V. Mecca. 2,023,850; Dec. 10.
 Window lock. G. Peileke. 2,011,727; Aug. 20.
 Window lock. O. A. Ross. 1,998,689; Apr. 23.
 Window locking device. L. J. Bernhardt. 2,009,381; July 30.
 Window, Marine and other. W. H. Osten. 1,995,939; Mar. 26.
 Window, Metal frame storm. C. Traut. 1,993,535; Mar. 5.
 Window of metal or similar material in metal wall. G. B. Jonas and A. T. Esseling. 2,000,845; May 7.
 Window operating means, Automobile. W. F. Shetzline. 2,003,614; June 4.
 Window operating mechanism. W. W. Fuller. 2,022,848; Nov. 29.
 Window operator. E. H. Ellison. 1,989,550; Jan. 29.
 Window operator. C. G. Marion. 2,021,260; Nov. 19.
 Window operator construction. S. G. Reynaud. 2,007,434; July 9.
 Window parting bead. M. L. Fisk and G. M. Greene. 1,993,093; Mar. 5.
 Window protector, Plate glass. C. Franklin. 2,025,161; Dec. 24.
 Window regulator. E. L. Graf. 2,010,075; Aug. 6.
 Window regulator. A. Gudmundsen. 2,017,244; Oct. 15.
 Window regulator. J. H. Roethel. 1,988,532; Jan. 1.
 Window regulator. J. H. Roethel. 2,008,517; July 16.
 Window regulator mechanism. W. L. Kraemer. 2,002,322; May 21.

- Window regulator, Rear quarter. J. H. Roethel. 1,987,128; Jan. 8.
- Window, Reversible. L. B. Taylor. 2,021,339; Nov. 19.
- Window, Safety reversible. O. Polson, H. W. Walters, N. O. Carlson, F. Ekholm, A. O. Norén, and K. Anderson. 2,006,745; July 2.
- Window, Sash. G. L. Johnson. 2,018,308; Oct. 22.
- Window, Sash. S. Maurer. 2,007,499; July 9.
- Window sash and ventilator construction. J. F. Levan. 1,996,426; Apr. 2.
- Window sash guide. A. E. Vogt. 2,021,972; Nov. 26.
- Window sash lock. H. A. Busby. 2,018,346; Oct. 22.
- Window sash lock. H. Kaufman. 1,992,531; Feb. 26.
- Window screen. W. J. Basch. 2,000,554; May 7.
- Window screen. J. W. Coady. 1,987,143; Jan. 8.
- Window screen. W. J. Horton and T. J. Francis. 1,986,200; Jan. 1.
- Window screen. C. T. Jones. 2,013,494; Sept. 3.
- Window screen. H. A. Kammerer. 2,021,068; Nov. 12.
- Window screen. S. T. Kish. 2,012,878; Aug. 27.
- Window screen. L. J. Milone. 1,987,860; Jan. 15.
- Window screen. H. J. Schneider. 1,987,080; Jan. 8.
- Window screen, Frameless. L. L. Bredin. 1,987,140; Jan. 8.
- Window screen, Rolling. J. Herr. 1,996,108; Apr. 2.
- Window screen, Sliding extensible and contractible. H. E. Baumgardner. 1,997,445; Apr. 9.
- Window screen, Universal rolling. F. S. Drake. 2,015,993; Oct. 1.
- Window seat. J. A. Costello. 2,004,237; June 11.
- Window seat. J. A. Costello. 2,025,157; Dec. 24.
- Window seat, Safety folding. P. Billy, Sr. 1,997,625; Apr. 16.
- Window, Shockproof X-ray unit. J. H. Findlay. 2,019,602; Nov. 5.
- Window, Sliding. O. A. Genberg. 2,012,386; Aug. 27.
- Window structure. F. O. Anderegg. 2,011,557; Aug. 20.
- Window structure. S. Carvour. 1,994,605; Mar. 19.
- Window structure. L. R. Snyder. 1,987,757; Jan. 15.
- Window structure, Casement. A. Lang. 2,007,866; July 9.
- Window structure, Self contained. O. M. Edwards and R. T. Axe. 2,000,511; May 7.
- Window support. A. H. Haberstump. 2,000,561; May 7.
- Window, Swinging. J. R. Howard. 2,011,319; Aug. 13.
- Window ventilator. R. G. Liprott. 2,004,444; June 11.
- Window ventilator. W. H. Maynard. 2,014,974; Sept. 17.
- Window ventilator. A. F. Petris. 1,999,421; Apr. 30.
- Window ventilator. J. O. Smith. 1,992,782; Feb. 26.
- Window washer. J. A. Tiscornia. 1,999,265; Apr. 30.
- Window washing chair. V. Filpich. 2,020,774; Nov. 12.
- Window wing. F. A. Smith. 1,995,365; Mar. 26.
- Window wing, Adjustable. F. A. Smith. 2,008,160; July 16.
- Windows, Constructing and installing. B. J. Triller. 1,995,233; Mar. 19.
- Windows or the like, Attachment for. E. Kaplan. 2,017,539; Oct. 15.
- Windows, Vehicle ventilating. D. B. Lee. 2,002,898; May 28.
- Wing construction. A. Bauer. 1,991,651; Feb. 19.
- Wing construction. R. R. Osborn. 2,014,776; Sept. 17.
- Wing construction. E. A. Stalker. 1,988,670; Jan. 22.
- Wing, Folding. I. Izsak and V. Bukletish. 2,015,898; Oct. 1.
- Wing for airplanes, gliders, and the like, Flapping. R. Gargiulo. 2,014,251; Sept. 10.
- Wing or blade of aircraft, Revolving. D. Kay and J. W. Dyer. 2,023,840; Dec. 10.
- Wing, plane, or blade of aeroplanes, helicopters, propellers, or the like, Adjustable. R. Chillingworth. 2,012,987; Sept. 3.
- Wing shield support. T. B. Nisbet. 1,988,016; Jan. 15.
- Wing system, propeller, or lifting screw for aircraft, Rotating. R. Chillingworth. 2,012,988-9; Sept. 3.
- Wing, Wind. A. P. Robinson. 2,017,324; Oct. 15.
- Wings for fish lures, Forming. S. F. Davenport. 2,018,622; Oct. 22.
- Wiper. D. C. Adelnour. 2,009,377; July 30.
- Wiper. O. G. Hale. 1,992,423; Feb. 26.
- Wiper and heater, Combination windshield. E. B. Gary and E. A. Ebert. 2,005,581; June 18.
- Wiper arm connection, Windshield. R. B. Evans. 1,986,962; Jan. 8.
- Wiper, Automatic window. G. M. Conway. 2,013,200; Sept. 3.
- Wiper blade. P. E. Schleicher. 2,011,015; Aug. 13.
- Wiper blade. T. J. Smulski. 1,989,296; Jan. 29.
- Wiper carrying arm, Windshield. H. Hueber. 1,998,762; Apr. 23.
- Wiper for machine ways. W. E. Rutz and R. M. Woytych. 1,991,177; Feb. 12.
- Wiper for road vehicles, Windscreen. R. P. Lark, and F. Young. 2,012,313; Aug. 27.
- Wiper for transparent bodies. J. H. Herzog. 2,012,814; Aug. 27.
- Wiper, Mouthpiece. R. Zuazua. 1,993,985; Mar. 12.
- Wiper, Oil. G. B. Eggert. 2,000,513; May 7.
- Wiper, Solder. H. F. Smith. 1,985,906; Jan. 1.
- Wiper, Windshield. A. B. Barnwell. 2,011,029; Aug. 13.
- Wiper, Windshield. W. K. Correll. 2,002,657; May 28.
- Wiper, Windshield. J. Kalske and J. B. Byrnes. 2,020,784; Nov. 12.
- Wiper, Windshield. C. U. Parker. 2,009,588; July 30.
- Wiper, Windshield. O. C. Ritz-Woller. 1,994,738; Mar. 19.
- Wiping and massaging device for bathers, Flexible. T. P. Mullen. 2,008,990; July 23.
- Wiping mechanism for lusted uppers. J. M. Rohrer. 1,991,417; Feb. 19.
- Wire and cable connector and terminal. P. Davidson. 2,006,794; July 2.
- Wire and lacquer for making same, Enamel lacquered. A. Ehrenzweig. 2,011,213; Aug. 13.
- Wire and making same, Leading-in. N. Yamashita. 1,988,291; Jan. 15.
- Wire and sleeve connector tool. J. P. Whalan and L. T. Harkness. 1,994,972-3; Mar. 19.
- Wire, Apparatus for annealing. A. F. Bradley. 2,008,814; July 23.
- Wire, Apparatus for dry galvanizing. A. F. Bradley. 2,009,573; July 30.
- Wire, Apparatus for producing. O. N. Tevander. 2,012,176; Aug. 20.
- Wire bending machine. F. W. Greer. 2,001,273; May 14.
- Wirebound box. G. L. Colbie. 2,021,113; Nov. 12.
- Wirebound box. G. L. Colbie. 2,022,538; Nov. 26.
- Wire clamp. H. W. Bodendieck. 1,990,928; Feb. 12.
- Wire clamp, Sheet metal. R. A. Becker, Sr., and S. P. Becker. 2,020,285; Nov. 12.
- Wire cloth supporting and attaching means. H. R. Rafton. 2,015,087; Sept. 24.
- Wire cloth tightener. L. G. Symons. 2,000,426; May 7.
- Wire coating apparatus. A. T. Candy. 2,007,441; July 9.
- Wire coating apparatus. J. P. Gerber. 1,992,206; Feb. 26.
- Wire coating apparatus. W. E. Leonard. 1,986,733; Jan. 1.
- Wire coating machine. J. H. Humberstone. 2,016,900; Oct. 8.
- Wire coils, Formation of. K. C. Bugg. 1,994,684; Mar. 19.
- Wire, Composite. C. A. Laise. 1,989,236; Jan. 29.
- Wire connector tool. J. R. Halladay. 2,002,981; May 28.
- Wire connector, Unitary. J. Blackburn. 2,020,989; Nov. 12.
- Wire coupler. J. P. Thompson. 2,016,563; Oct. 8.
- Wire crimping tool. L. Braddock. 2,014,062; Sept. 10.
- Wire cutting and stripping machine. C. O. Knuuti and J. S. Stull. 1,987,959; Jan. 15.
- Wire, Device for drawing. H. R. Patterson. 1,986,777; Jan. 1.
- Wire-drawing apparatus. C. D. Johnson. 2,024,768-9; Dec. 17.
- Wire drawing block. W. H. Sommer. 2,025,535; Dec. 24.
- Wire drawing die. R. C. Shipp. 2,003,475; June 4.
- Wire drawing machine. H. J. Hogue. 2,018,211; Oct. 22.
- Wire drawing machine, Multiple. W. Nacken. 1,999,942; Apr. 30.
- Wire enameling. A. H. Adams. 1,994,802; Mar. 19.
- Wire ends, Connecting. J. Kruff. 2,018,176; Oct. 22.
- Wire fabric. C. E. Pink. 2,013,581; Sept. 3.
- Wire fabric, Making. W. E. Reed. 2,000,788; May 7.
- Wire for looms, Pile. C. R. Schreiner. 2,006,151; June 25.
- Wire gauze, Process and apparatus for the manufacture of. K. Schmid. 2,005,270; June 18.
- Wire gripping tool. L. O'Russa. 2,001,541; May 14.
- Wire handling device. T. Sato. 1,990,135; Feb. 5.
- Wire-handling machine. I. J. Furst. 2,019,128; Oct. 29.
- Wire, Heating. W. H. Coners. 1,993,400; Mar. 5.
- Wire, Insulated. S. Ruben. 2,022,827; Dec. 3.
- Wire loops, Method and apparatus for forming. J. K. Howell. 2,006,355; July 2.
- Wire, Making insulated. W. J. Homer. 2,013,686; Sept. 10.
- Wire, Manufacture of. J. Gassen. 2,020,940; Nov. 12.
- Wire, Marble-sawing. P. de V. d'Avocourt. 2,003,994; June 4.
- Wire mesh fabric. N. S. Harter. 2,024,796; Dec. 17.
- Wire, Method and apparatus for drawing and coating. B. C. Dimmick. 2,011,398; Aug. 13.
- Wire, Method and apparatus for producing. E. T. Bennington. 1,994,187; Mar. 12.
- Wire, Ornamental. C. A. Walters. 1,996,183; Apr. 2.
- Wire package. E. C. Nicolle. 2,015,153; Sept. 24.
- Wire, Pile. M. B. Behrman. 2,019,067; Oct. 29.
- Wire, Pile. S. Docherty. 1,988,168; Jan. 15.
- Wire sectioning mechanism and method. C. B. Palucki. 1,986,356; Jan. 1.
- Wire spiral spring. W. Vinar. 2,003,406; June 4.
- Wire splicer. H. R. Eskew. 2,013,951; Sept. 10.
- Wire splicing means. O. E. Oblund. 1,997,649; Apr. 16.
- Wire spooling machine. A. L. Rosenmund. 1,987,079; Jan. 8.
- Wire straightener. C. D. Johnson. 1,987,741; Jan. 15.
- Wire strands, Attachment for. F. W. Reilly. 2,008,227; July 16.
- Wire strapping for packages with twisted tie. O. Kind. 2,019,570; Nov. 5.
- Wire-stretcher. H. H. Witzel. 2,012,212; Aug. 20.
- Wire stitching machine. W. O. Sims. 2,024,750; Dec. 17.
- Wire testing machine and method. C. Field. 2,002,770; May 28.
- Wire, Treating leading-in. W. P. Zabel. 1,992,798; Feb. 26.
- Wire treatment for enamelling. Copper. P. Fustier. 2,023,998; Dec. 10.
- Wire tying machine. I. H. Spoor. 1,993,755; Mar. 12.
- Wire tying machine. I. H. Spoor. 1,999,144; Apr. 23.

- Wire weaving machine and weaving wire cloth. H. L. Thompson. 2,022,225; Nov. 26.
- Wire, Welding. W. M. Bell. 1,986,618; Jan. 1.
- Wire wrapping machine. C. A. Caldes. 1,997,626; Apr. 16.
- Wireless apparatus. A. V. Pettman and W. Reed-Lethbridge. 2,005,388; June 18.
- Wireless direction finding system. H. M. Dowsett and L. E. Q. Walker. 2,018,349; Oct. 22.
- Wireless receiver. R. K. Spencer. 2,020,126; Nov. 5.
- Wires in two ropes to make a single rope, Joining individual. H. A. Wood. 2,019,520; Nov. 5.
- Wires taut, Device for holding. M. A. Comeau. 2,004,312; June 11.
- Wires with fastening means, Equipping box binding. J. Kruff. 2,018,177; Oct. 22.
- Wiring duct and fittings. H. J. L. Frank. 1,986,965; Jan. 8.
- Wiring or connection of radio or other electrical circuits. R. Scotney. 2,025,619; Dec. 24.
- Wiring system for metal walls. E. F. Hauserman and J. A. Bohnsack. 2,012,852; Aug. 27.
- Wood and the like, Impregnating. F. H. Lyons. 1,991,811; Feb. 19.
- Wood and woody growths, Seasoning, preserving, tempering. G. E. Rice. 1,999,969; Apr. 30.
- Wood block flooring. G. G. Rhinevault. 1,991,821; Feb. 19.
- Woodboring tool. W. McMahon. 2,015,686; Oct. 1.
- Wood-carving attachment, Helix combination. P. B. Pyle. 2,023,489; Dec. 10.
- Wood carving machine. J. N. Kirby. 2,018,763; Oct. 29.
- Wood chipping machine, Rotary. W. I. Brown. 2,004,367; June 11.
- Wood composition and making the same, Artificial. P. H. Gugger and W. E. Barentzen. 1,988,242; Jan. 15.
- Wood filler. H. A. De Phillips. 2,011,041; Aug. 13.
- Wood for surface ornamentation, Treating. J. Brown. 2,017,037; Oct. 15.
- Wood graining and surface designs, Reproducing. W. W. Kirby, J. A. Scott, Jr., and F. J. Wagner. 2,019,682; Nov. 5.
- Wood hog. T. Tonks. 2,004,737; June 11.
- Wood, Impregnating. C. Schmittutz. 2,012,975; Sept. 3.
- Wood joint. F. A. Dunmire. 2,013,749; Sept. 10.
- Wood panel, Making and finishing a. C. E. Rozema. 1,999,259; Apr. 30.
- Wood ply construction. G. H. Osgood and R. G. Peterson. 2,019,056; Oct. 29.
- Wood preserving apparatus. G. B. Shipley. 2,006,777; July 2.
- Wood slicing machine. F. J. Voigt. 2,008,317; July 16.
- Wood staining. W. S. Calcott and C. J. Pedersen. 2,000,689; May 7.
- Wood, Treating. S. D. Butterworth. 1,996,567; Apr. 2.
- Wood, Treating. I. H. Derby and F. E. Cislak. 1,995,499; Mar. 26.
- Wood, Treatment of. M. G. Snelling. 2,024,257; Dec. 17.
- Woodworking machine. R. Cammack. 1,999,625; Apr. 30.
- Woodworking machine. F. E. Montgomery. 2,012,576; Aug. 27.
- Wooden box. H. B. Heim. 2,006,892; July 2.
- Woods, Manufacturing decorative. M. E. Miller. 1,997,803; Apr. 16.
- Wool, Drying clean. R. M. Greenleaf. 2,015,893; Oct. 1.
- Wool from animal skins, Removal of. W. Kritchevsky. 2,005,746-7; June 25.
- Wool, Moisture-resistant mineral. H. J. O'Brien. 2,019,021; Oct. 29.
- Wool, Noncorrodible metallic. H. G. Stiles. 1,990,009; Feb. 5.
- Wool product and making same, Mineral. E. R. Powell. 1,996,082; Apr. 2.
- Wool spinning mule bunch builder. C. E. Williams and J. W. Congdon. 2,018,045; Oct. 22.
- Wool substitutes and spinning short filaments of cellulose derivatives. G. L. Schwartz and J. H. Young. 1,986,945; Jan. 8.
- Work. Apparatus for turning noncircular. E. R. Smith. 2,008,474; July 16.
- Workbench and rack, Combined. E. A. Predovich. 1,997,742; Apr. 16.
- Work-centering clamp. B. J. Haskins. 1,987,294; Jan. 8.
- Work clamping device, Adjustable. J. M. Rusnak. 1,997,916; Apr. 16.
- Work feeding and holding device, Combined. P. Klamp. 2,020,320; Nov. 12.
- Work guide and withdrawal regulator for stamping machines. F. Ackerman and H. Gould. 2,022,365; Nov. 26.
- Work-handling mechanism for centering and like machines. E. R. Smith and A. Schinkez. 2,004,540; June 11.
- Work holder. O. G. Armstrong. 1,988,887; Jan. 22.
- Work holder. W. D. Burger. 1,999,031; Apr. 23.
- Workholder. T. H. Gordon. 1,992,147; Feb. 19.
- Workholder for gear generating machines. E. R. Fellows. 2,013,557; Sept. 3.
- Work holder for grinders. C. I. Lott. 1,996,873; Apr. 9.
- Workholder for sharpening machines. L. Steiner. 2,019,742; Nov. 5.
- Work pieces, Apparatus for expanding and elongating tubular. B. Bannister. 2,025,147; Dec. 24.
- Work-pieces, Apparatus for processing tubular metal. B. Bannister. 2,017,387; Oct. 15.
- Work pieces, Apparatus for sinking tubular. B. Bannister. 2,005,125; June 18.
- Work pieces, especially crank shafts, Manufacturing forged, pressed, or rolled. F. W. Nierhaus. 1,994,863; Mar. 19.
- Workpieces, Grinding. C. Booth and S. Einstein. 2,004,649; June 11.
- Work rotating apparatus. V. J. Chapman. 1,992,812; Feb. 26.
- Work shifter. J. R. Lamberton. 2,007,334; July 9.
- Work supporting attachment. H. E. Morton. 2,022,730; Dec. 3.
- Worktable. G. S. Kennedy. 2,007,975; July 16.
- Worktable and supply rack, Traveling. H. A. Green. 2,021,505; Nov. 19.
- Worktable for machine tools. G. Gorton. 1,999,900; Apr. 30.
- Work table, Rotatable. F. R. Swanson. 2,002,442; May 21.
- Work turning apparatus, Multiple spindle stationary. E. P. Bullard. 2,025,268; Dec. 24.
- Worm and worm wheel gear assembly and the production thereof. F. V. Elbertz. 2,015,069; Sept. 24.
- Worm, Vibration absorbing. H. C. Harrison. 2,003,440; June 4.
- Worm wheel generating machine. O. G. Simmons. 1,995,328; Mar. 26.
- Worms and screws, Grinding. N. Trbojevich. 2,011,956; Aug. 20.
- Worms, Generating. N. Trbojevich. 1,987,877; Jan. 15.
- Wound drainage device. A. Aird. 2,025,492; Dec. 24.
- Woven fabric. W. D. Blatz. 1,992,856; Feb. 26.
- Woven fabric. K. T. Graafstal. 2,022,236; Nov. 26.
- Woven fabric. S. S. Gutlion. 2,021,993; Nov. 26.
- Woven wire fabric. J. O'Neill. 2,003,695; June 4.
- Woven wire fabric. C. A. Scheeler. 2,010,964; Aug. 13.
- Woven wire screen. R. W. Disbro and J. Boehm. 2,024,806; Dec. 17.
- Wrapped box. G. K. Kreider, Jr. 2,018,070; Oct. 22.
- Wrapper and making the same, Transparent. C. S. Hamersley. 1,997,257; Apr. 9.
- Wrapper, Cigarette. A. Friedmann. 2,026,307; Dec. 31.
- Wrapper, Commodity. S. Rosen. 2,007,003; July 2.
- Wrapper, Cone. F. Brauer. 1,996,402; Apr. 2.
- Wrapper for articles of merchandise. J. M. Driver. 2,019,401; Oct. 29.
- Wrapper for edibles. C. D. Reed. 1,994,667; Mar. 19.
- Wrapper for use in hair waving processes. W. H. Joyce. 1,988,277; Jan. 15.
- Wrapper gluing device. E. L. Smith and C. Wetsel. 2,016,933; Oct. 8.
- Wrapper, Individual candy. B. M. Efty. 1,997,816; Apr. 16.
- Wrapper, Necktie. H. A. Berger. 1,994,382; Mar. 12.
- Wrapper or container. S. W. Barker. 2,011,703; Aug. 20.
- Wrapper, Package. H. L. Greve. 1,998,989; Apr. 23.
- Wrapper, Package. I. S. Rosenblatt. 2,005,351; June 18.
- Wrapper pad. L. Clemens. 1,999,282; Apr. 30.
- Wrapper printing and addressing machine. H. P. Elliott. 2,015,552; Sept. 24.
- Wrapper to a bunch, Apparatus for applying a cigar. C. F. Röber. 2,006,113; June 25.
- Wrappers, Manufacture of printed corrugated. M. H. Sidebotham. 2,024,013; Dec. 10.
- Wrapping. J. Schuchat. 2,005,208; June 18.
- Wrapping and protecting device for razor blades. S. H. Talbot. 1,986,230; Jan. 1.
- Wrapping apparatus. C. E. Bittle. 2,014,166; Sept. 10.
- Wrapping machine. L. M. Dixon. 1,987,185; Jan. 8.
- Wrapping machine. L. M. Dixon. 2,012,304; Aug. 27.
- Wrapping machine. H. L. Evans and G. I. Hohl. 2,024,438; Dec. 17.
- Wrapping machine. A. S. Kux. 2,017,314; Oct. 15.
- Wrapping machine. P. A. Lavergne and R. J. Gaubert. 2,022,425; Nov. 26.
- Wrapping machine. K. E. Y. Lindberg. 2,015,228; Sept. 24.
- Wrapping machine. I. F. Mandell. 1,987,482; Jan. 8.
- Wrapping machine. C. H. Petskeyes. 2,023,147; Dec. 3.
- Wrapping machine. A. G. Rose. 2,006,933; July 2.
- Wrapping machine. A. G. Rose. 2,010,275; Aug. 6.
- Wrapping machine. E. L. Smith and F. R. Clark. 1,989,385; Jan. 29.
- Wrapping machine. O. M. Stout and H. Hoyer. 2,001,074; May 14.
- Wrapping machine. H. E. Townsend. 2,006,564; July 2.
- Wrapping machine, Flat. R. E. Ackley. 2,018,432; Oct. 22.
- Wrapping machine for sliced loaves of bread, Hand. F. E. Miller. 2,026,136; Dec. 31.
- Wrapping material. E. M. Farris. 1,994,507; Mar. 19.
- Wrapping material. W. L. Hyden. 2,011,246; Aug. 13.
- Wrapping material. W. O. Kenyon and R. H. Van Dyke. 2,008,984; July 23.
- Wrapping mechanism. C. W. Müller. 2,010,196; Aug. 6.
- Wrench: See—
- Adjustable wrench.
 - Automatic socket wrench.
 - Electric magazine wrench.
 - Expandable plug wrench.
 - Internal wrench.
 - Jar cover wrench.
 - Lamp wrench.
 - Pilot wrench.
 - Pipe wrench.
 - Ratchet wrench.
 - Screw top wrench.
 - Socket wrench.
 - Speed wrench.
 - Torque-measuring wrench.
 - Turret head wrench.
 - Wheel wrench.

- Wrench. C. E. Brady. 2,007,846; July 9.
 Wrench. M. C. R. Bulgari. 2,016,624; Oct. 8.
 Wrench. C. M. Carington. 2,014,718; Sept. 17.
 Wrench. J. C. Fisher. 2,023,832; Dec. 10.
 Wrench. M. Flinn. 2,014,319; Sept. 10.
 Wrench. L. E. Hagbo. 2,015,895; Oct. 1.
 Wrench. H. W. Harter. 2,006,073; June 25.
 Wrench. F. J. Krause. 2,023,733; Dec. 10.
 Wrench. N. J. Schrub. 1,990,137; Feb. 5.
 Wrench. A. J. Scott. 2,018,154; Oct. 22.
 Wrench. A. F. Thener. 2,003,983; June 4.
 Wrench. L. J. Vetrano. 1,987,353; Jan. 8.
 Wrench and pliers, Combination. E. Cullen. 2,000,012; May 7.
 Wrench and rethreader, Fruit jar cap. R. Sannipoli. 1,998,557; Apr. 23.
 Wrench for faucets and like valves, Safety. A. W. Wheaton. 1,998,914; Apr. 23.
 Wrench for well tubing and rods, Powder. C. W. Dawson. 2,000,221; May 7.
 Wringer. E. V. Godfrey. 2,013,045; Sept. 3.
 Wringer. W. L. Kauffman, 2d. 2,007,448; July 9.
 Wringer, Clothes. J. J. Holmes. 1,999,008; Apr. 23.
 Wringer, Clothes. W. F. Peters and D. L. Todd. 2,015,365; Sept. 24.
 Wringer for washing machines. C. C. Weisbrod. 2,019,881; Nov. 5.
 Wringer head, Releasable. E. S. Erickson. 2,022,190; Nov. 26.
 Wringer, Laundry. C. Klein. 1,988,320; Jan. 15.
 Wringer mechanism. N. L. Eiten. 1,993,091; Mar. 5.
 Wringer, Mop. L. B. Gringer. 2,023,133; Dec. 3.
 Wringer release and pressure control. R. J. Waterworth. 2,022,098; Nov. 26.
 Wringing machine. P. E. Harrison and I. V. Hitt. 1,986,434; Jan. 1.
 Wrist pin lock. P. J. Meehan. 1,994,617; Mar. 19.
 Wrist watch strap. D. F. Cowen. 1,996,276; Apr. 2.
 Writing and drawing instrument, Combined. A. Smith. 2,017,737; Oct. 15.
 Writing, Apparatus for sky. J. T. Remy. 1,986,942; Jan. 8.
 Writing board. E. J. Gerety. 2,011,625; Aug. 20.
 Writing implement. R. W. Ritzert. 2,005,110; June 18.
 Writing implement, Combination. G. Donato. 2,002,501; May 28.
 Writing instrument. E. F. L. Michael. 1,992,961; Mar. 5.
 Writing machine. H. Bates. 2,024,622; Dec. 17.
 Writing machine. E. J. Nichols. 2,020,734; Nov. 12.
 Writing machine for accountancy work. A. F. Schauss. 1,998,846; Apr. 23.
 X-ray apparatus. A. Bouwers. 1,990,368; Feb. 5.
 X-ray apparatus. J. M. Houtman. 2,005,035; June 18.
 X-ray apparatus. A. Mutscheller. 1,987,790; Jan. 15.
 X-ray apparatus. D. H. Sloan. 2,009,458; July 30.
 X-ray apparatus and supply cable for same. A. Bouwers. 1,986,497; Jan. 1.
 X-ray cassette. A. W. Buck. 1,997,557; Apr. 9.
 X-ray cassette. A. E. Drexel. 2,003,254; May 28.
 X-ray dental film package. M. B. Hodgson. 1,994,579; Mar. 19.
 X-ray diffraction apparatus. C.-P. Yap. 2,025,488; Dec. 24.
 X-ray dosimeter. J. W. M. Du Mond and A. Hoyt. 1,990,022; Feb. 5.
 X-ray film in patient's mouth, Device for holding. E. B. Hinshaw. 1,992,306; Feb. 26.
 X-ray films, Device for reading of. W. McConalogue. 2,010,551; Aug. 6.
 X-ray installation. A. Bouwers. 2,024,333; Dec. 17.
 X-ray machine. O. H. Pieper. 2,024,182; Dec. 17.
 X-ray ore radiographic apparatus. W. A. Weed. 2,004,232; June 11.
 X-ray photography. M. H. Prosperi. 2,024,874; Dec. 17.
 X-ray plate and film marker. R. Knight. 2,018,175; Oct. 22.
 X-ray system, Polyphase. A. Mutscheller. 2,013,390; Sept. 3.
 X-ray systems, Inverse suppressor for. H. D. Garretson. 2,008,496; July 16.
 X-ray tube. K. G. Catlin. 1,997,676; Apr. 16.
 X-ray tube. J. F. Lee. 2,011,540; Aug. 13.
 X-ray tube and cathode structure therefor. L. F. Ehrke. 1,986,466; Jan. 1.
 X-ray tube and cathode therefor. C. T. Ulrey. 1,992,975; Mar. 5.
 X-ray tube and X-ray screen supporting structure. O. W. Langhans. 2,019,612; Nov. 5.
 X-ray tube anode. H. B. McEuen. 1,993,376; Mar. 5.
 X-ray tube, Autoprotective. J. F. Lee. 2,011,541; Aug. 13.
 X-ray tube holder. J. B. Wantz. 2,000,004; May 14.
 X-ray tube, Multiple-focus. J. F. Lee. 2,011,542; Aug. 13.
 X-ray tube unit, Shock-proof. C. Tietig. 1,992,335; Feb. 26.
 X-ray vision, Poly-color. K. D. Chambers. 1,995,054; Mar. 19.
 Xanthates, Making. W. Hirschkind. 2,024,923; Dec. 17.
 Xanthates, Preparation of. L. Rosenstien. 2,011,302; Aug. 13.
 Xanthates, Preparing. W. Hirschkind. 2,024,925; Dec. 17.
 Xanthates, Production of. E. D. Wilson. 2,021,930; Nov. 26.
 Yarn. S. K. Everett. 2,005,539; June 18.
 Yarn and fabric made therefrom, Knitted. F. Melwald. 2,006,275; June 25.
 Yarn and fabric, Textile. H. Dreyfus, W. A. Dickie, and R. W. Moncrieff. 2,021,717; Nov. 19.
 Yarn and its production. R. N. Wallach. 1,994,057; Mar. 12.
 Yarn and making the same. H. W. Bell. 1,996,318; Apr. 2.
 Yarn and making the same, Elastic. B. H. Foster. 2,024,156; Dec. 17.
 Yarn and preparing the same, Artificial. C. Dreyfus and W. Whitehead. 1,996,753; Apr. 9.
 Yarn and producing same, Mohair warp. W. S. Nutter and C. Holdsworth. 1,987,632; Jan. 15.
 Yarn and the fabric produced therefrom. M. H. Rubin. 2,020,907; Nov. 12.
 Yarn and winding on conical cross wound bobbins, Apparatus for twisting. T. Vollenbroich. 1,988,060; Jan. 15.
 Yarn beaming machine. W. Reiners and G. Kahlsch. 1,988,918; Jan. 22.
 Yarn changer. J. R. Burgess and A. W. Roney. 2,010,942; Aug. 13.
 Yarn changing means for circular knitting machines. W. A. Reader. 1,993,525; Mar. 5.
 Yarn cleaner. S. L. Snelson. 2,020,704; Nov. 12.
 Yarn clearer. L. Régley. 1,990,133; Feb. 5.
 Yarn comprising a blend of animal and vegetable fibers, Method of and apparatus for spinning a single-ply. F. E. Nutter. 2,016,387; Oct. 8.
 Yarn control and contact means. G. Gastrich. 2,025,383; Dec. 24.
 Yarn controller for creels and like apparatus. E. R. Swanson. 2,021,032; Nov. 12.
 Yarn, Delustered artificial silk. F. W. Koster. 2,017,804; Oct. 15.
 Yarn, Elastic. B. H. Foster. 2,024,155; Dec. 17.
 Yarn feeding means. W. N. Taggart. 2,019,940; Nov. 5.
 Yarn, Hydrocaoutchouc. T. H. Byron. 2,025,025; Dec. 24.
 Yarn, Leashing of hanks. P. W. Metcalfe. 2,006,247; June 25.
 Yarn, Manufacture of crepe. E. Schweizer and C. Landolt. 1,987,449; Jan. 8.
 Yarn package lacing. L. L. Brandsma. 1,988,778; Jan. 22.
 Yarn packages to facilitate unwinding, Preparing. J. A. Webber. 2,025,920; Dec. 31.
 Yarn packaging machine. S. Shephard. 2,008,473; July 16.
 Yarn setting frame. E. T. Phoenix. 1,998,965; Apr. 23.
 Yarn spooling mechanism. E. F. Hathaway and W. Bixby. 2,026,170; Dec. 31.
 Yarn supplying means for knitting machines. T. C. Bromley and A. Shortland. 2,015,136; Sept. 24.
 Yarn support. C. Epps. 2,000,900; May 14.
 Yarn, Textile. J. McGowan. 1,997,771; Apr. 16.
 Yarn treating apparatus. J. S. F. Carter. 2,010,688; Aug. 6.
 Yarn twisting apparatus. W. Pool. 2,019,631; Nov. 5.
 Yarn twisting device. E. Castelli. 2,009,249; July 23.
 Yarn vertically from bobbins, Apparatus used in drawing. C. Herrmann. 2,015,221; Sept. 24.
 Yarn winding mechanism. R. A. Leeson. 2,009,014; July 23.
 Yarn winding mechanism. O. V. Payne. 1,996,305; Apr. 2.
 Yarns, Apparatus for splicing. R. H. Chase. 2,005,129; June 18.
 Yarns, Device for waxing. J. Coley and L. H. Leedham. 2,014,127; Sept. 10.
 Yarns in knitting machines, Conditioning. R. N. Apprich. 2,018,627; Oct. 22.
 Yarns, Manufacture of staple fiber. W. I. Taylor and L. B. Gibbins. 2,003,400; June 4.
 Yarns or filaments, Manufacture or treatment of. G. Schneider. 2,010,900; Aug. 13.
 Yarns or the like, Apparatus for testing. H. Dietz. 1,988,544; Jan. 22.
 Yarns, Producing fullness in. G. M. Pearsall. 2,025,175; Dec. 24.
 Yarns, threads, or filaments, Doubling of. W. Pool. 2,010,888; Aug. 13.
 Yarns, Treating. L. Peuffallit. 2,012,769; Aug. 27.
 Yeast. H. Riley. 2,016,791; Oct. 8.
 Yeast fermentation process. D. A. Legg. 2,026,237; Dec. 31.
 Yeast, Preserved and dried. H. Riley. 1,991,629; Feb. 19.
 Yeast, Production of. H. and A. Braasch. 2,013,456; Sept. 3.
 Yielding reed. C. D. Brown. 2,017,945; Oct. 22.
 Yielding wall joint. J. McInerney. 2,013,693; Sept. 10.
 Yoke and making same, Sheet metal. E. A. Conner. 2,022,801; Dec. 3.
 Yoke and making the same, Lace. S. Goodman. 2,003,998; June 4.
 Yoke end, Adjustable. C. A. Williams. 2,011,208; Aug. 13.
 Yucca blade splitting machine. O. A. Hawkins. 1,989,983; Feb. 5.
 Zanthates, Making. W. Hirschkind, W. D. Ramage, and H. Bender. 2,024,924; Dec. 17.
 Zeolite water softener. R. O. Friend and J. A. Montgomery. 2,000,696; May 7.
 Zero-setting mechanism for registers, Manual. C. F. Aken. 2,023,298; Dec. 3.

- Zinc alloy. W. W. Broughton and G. L. Werley. 1,989,308; Jan. 29.
- Zinc alloy. U. C. Tainton and F. W. Harris. 2,011,987; Aug. 20.
- Zinc and other volatile metals, Apparatus for the distillation of. F. Johannsen. 2,007,332; July 9.
- Zinc and similar metals, Distillation of. A. Leysner. 2,000,140; May 7.
- Zinc and sodium sulphides, Making. T. A. Mitchell and R. L. Sessions. 2,020,323; Nov. 12.
- Zinc, Apparatus for purifying. L. S. Holstein and P. M. Ginder. 1,994,346; Mar. 12.
- Zinc, Apparatus for volatilizing. W. M. Peirce and R. K. Waring. 1,994,356; Mar. 12.
- Zinc base alloy. G. L. Werley. 2,008,529; July 16.
- Zinc chloride melts for granulation, Preparing. F. L. Frost, Jr. 1,999,873; Apr. 30.
- Zinc dust, Apparatus and process for the manufacture of. J. F. W. Schulze. 2,007,027; July 2.
- Zinc formaldehyde sulphoxylate, Making basic. F. W. Binns. 2,013,124; Sept. 3.
- Zinc metal, Apparatus for purifying. P. M. Ginder, W. M. Peirce, and R. K. Waring. 1,994,350; Mar. 12.
- Zinc metal (apparatus), Purifying. P. M. Ginder, W. M. Peirce, and R. K. Waring. 1,994,353; Mar. 12.
- Zinc metal, Method of and apparatus for purifying. P. M. Ginder and H. G. Nixon. 1,994,354; Mar. 12.
- Zinc metal (method), Purifying. P. M. Ginder, W. M. Peirce, and R. K. Waring. 1,994,352; Mar. 12.
- Zinc metal, Purifying. P. M. Ginder, W. M. Peirce, and R. K. Waring. 1,994,349; Mar. 12.
- Zinc metal, Purifying. P. M. Ginder, W. M. Peirce, and R. K. Waring. 1,994,351; Mar. 12.
- Zinc oxide, Manufacture of. E. H. Bunce. 2,013,980; Sept. 10.
- Zinc oxide, Manufacture of. E. H. Bunce, C. J. Lentz, and G. T. Mahler. 1,998,440; Apr. 23.
- Zinc oxide, Manufacture of. E. H. Bunce, C. J. Lentz, and G. T. Mahler. 2,021,284; Nov. 19.
- Zinc plates, Etching. E. R. Boller. 1,994,500; Mar. 19.
- Zinc, Production of. M. G. Freise. 2,000,333; May 7.
- Zinc, Purifying. P. M. Ginder. 1,994,347-8; Mar. 12.
- Zinc, Purifying. P. M. Ginder, W. M. Peirce, and R. K. Waring. 1,994,357; Mar. 12.
- Zinc salt solutions, Purification of. L. R. Westbrook. 2,017,930; Oct. 22.
- Zinc smelting. W. A. Ogg. 1,988,608; Jan. 22.
- Zinc sulphate and iron oxide, Making. C. R. C. C. Wespy. 2,007,233; July 9.
- Zinc sulphide. L. S. Holstein and G. F. A. Stutz. 2,020,313; Nov. 12.
- Zinc sulphide. G. F. A. Stutz and A. J. Myhren. 2,020,918; Nov. 12.
- Zinc sulphide and making the same. J. H. Calbeck. 2,006,259; June 25.
- Zinc sulphide or zinc oxide pigment, Treating. H. A. Depew. 2,021,990; Nov. 26.
- Zinc sulphide pigment, Manufacture of. A. J. Myhren and B. Marquis. 2,020,902; Nov. 12.
- Zinc 2,4,5-trichlorophenolate. L. E. Mills. 1,994,002; Mar. 12.
- Zinc vapor, Purifying. L. S. Holstein and P. M. Ginder. 1,994,345; Mar. 12.
- Zinc, Volatilizing. W. M. Peirce and R. K. Waring. 1,994,355; Mar. 12.
- Zinciferous solutions, Treating. J. Kemp. 2,017,540; Oct. 15.
- Zirconium silicon alkali metal composites and making same. C. J. Kinzie. 2,013,857; Sept. 10.

LIST OF DESIGN INVENTIONS

- Accordion. R. Pancotti. 96,496; Aug. 6.
 Advertising novelty in the form of a container. W. D. Rose. Des. 94,360 Jan. 15.
 Advertising sign. P. G. Winters. Des. 94,800; Mar. 5.
 Aeroplane. V. R. Grom. 97,008; Sept. 24.
 Agitator for a mixing device. C. L. Drew. 96,368; July 30.
 Air circulator. M. Weber. 95,720; May 21.
 Air compressor unit. A. Hallett. 95,822; June 4.
 Air conditioning control. H. Dreyfuss. 96,822; Sept. 10.
 Air-conditioning control device or similar article. L. I. Friez. 95,951; June 18.
 Aircraft chair frame. L. C. McCarty, Jr., and D. M. Helwig. 96,493; Aug. 6.
 Airplane. J. H. Kindelberger and A. E. Raymond. Des. 94,427; Jan. 29.
 Airplane. S. P. Nemeth. 97,090; Oct. 1.
 Airplane. A. E. Raymond. 97,713; Dec. 3.
 Airplane. I. I. Sikorsky. Des. 94,926; Mar. 19.
 Airplane. I. I. Sikorsky. 95,619; May 14.
 Airplane. I. I. Sikorsky. 97,538; Nov. 19.
 Airplane, Bombing. R. J. Minshall. 97,355; Oct. 29.
 Air valve. H. L. MacCowan. 97,858; Dec. 17.
 Air valve. A. H. Magee. 96,844; Sept. 10.
 Alphabet for forming monograms. O. Dammé. 96,163; July 9.
 Alphabet for forming monograms or the like. M. Chernow. Des. 94,874; Mar. 19.
 Alphabet for forming monograms or the like. M. Chernow. 96,590-2; Aug. 20.
 Alphabet for forming monograms or the like. M. Chernow. 97,155-8; Oct. 8.
 Alphabet for forming monograms or the like. M. Chernow. 97,261; Oct. 22.
 Alphabet for forming monograms or the like. M. Chernow. 97,432; Nov. 5.
 Alphabet for forming monograms or the like. M. Chernow. 97,840; Dec. 17.
 Alphabet for forming monograms or the like. H. Mershon. Des. 95,057; Apr. 2.
 Alphabet for forming monograms or the like. L. K. Stupell. 95,936; June 11.
 Amplifier and projector cabinet, Combined. J. Erwood. 97,763; Dec. 10.
 Amusement device. H. D. Porter. 96,933; Sept. 17.
 Amusement game cabinet. W. A. Tratsch. Des. 94,290-1; Jan. 8.
 Antenna for automobile radios. E. Weber. 97,447; Nov. 5.
 Antiskid device for automobile tires. A. L. McCarthy. 97,164; Oct. 8.
 Apparel holder and umbrella handle or similar article, Combined. S. Osterman. 96,052-3; June 25.
 Apparel rack. A. A. Miller. Des. 94,554; Feb. 12.
 Applicator, Massage. A. Kretschan. 95,516; May 7.
 Apron. E. Davis. Des. 94,190; Jan. 1.
 Apron. E. B. Gooch. 95,129; Apr. 9.
 Apron. A. Quinn. Des. 94,562-6; Feb. 12.
 Apron. A. Quinn. Des. 94,623-33; Feb. 19.
 Apron. A. Quinn. 95,452-4; Apr. 30.
 Apron. A. Quinn. 97,016-18; Sept. 24.
 Apron. E. Schiaparelli. 97,865; Dec. 17.
 Apron, Protective. O. Eidinzer. Des. 94,343; Jan. 15.
 Aquarium. W. P. Gold. 96,540; Aug. 13.
 Aquarium. A. P. Swanson. Des. 94,248; Jan. 1.
 Aquarium, clock, and vase, Combined. L. Weiss. 96,947; Sept. 17.
 Ash receiver. R. F. De Roer. 95,808; June 4.
 Ash receiver. Djeij el Djeij. Des. 94,410; Jan. 29.
 Ash receiver. J. Visser. 97,171; Oct. 8.
 Ash receptacle. C. E. Carlson. 96,649; Aug. 27.
 Ash receptacle. A. C. Grunwald. 96,663; Aug. 27.
 Ash stand. C. Hardy. 96,982-3; Sept. 24.
 Ash stand. M. Mescon and O. W. Doctor. Des. 94,982; Mar. 26.
 Ash tray. L. Guild. 97,812; Dec. 10.
 Ash tray. J. H. Horsley. 98,004; Dec. 31.
 Ash tray. M. J. Lewis. Des. 94,613; Feb. 19.
 Ash tray and cigar lighter, Combination. I. Florman. 96,653; Aug. 27.
 Ash tray or similar article. J. B. Clark. 95,896; June 11.
 Atomizer. J. Benninger. 96,442; Aug. 6.
 Atomizer. F. A. Vuilleminot. Des. 94,643; Feb. 19.
 Atomizer case. F. A. Vuilleminot. 96,873; Sept. 10.
 Atomizer. F. A. Vuilleminot. 97,420; Nov. 5.
 Atomizer, Liquid. F. A. Vuilleminot. 97,515; Nov. 12.
 Atomizer or similar device, Scalp lotion. R. G. Mills. 96,928; Sept. 17.
 Atomizer, Perfume. F. A. Vuilleminot. 95,390; Apr. 23.
 Audiphone ear drum protector for bathers. J. Cohn. 97,038; Oct. 1.
 Auto signal sign. A. G. Love. 97,438; Nov. 5.
 Automobile. H. W. Barnhart. 97,833; Dec. 17.
 Automobile. C. Breer. 97,574-5; Nov. 19.
 Automobile. C. Breer and O. H. Clark. 97,429; Nov. 5.
 Automobile. G. M. Buehrig. 97,697; Dec. 3.
 Automobile. J. D. Catalano. 97,908; Dec. 24.
 Automobile. R. R. Cook. 95,403; Apr. 30.
 Automobile. H. J. Earl. 95,495-6; May 7.
 Automobile. H. J. Edwards. 97,929; Dec. 24.
 Automobile. G. Grummer and G. Busson. 95,247; Apr. 16.
 Automobile. V. Hagopian. Des. 94,304; Jan. 8.
 Automobile. G. J. Keller. 96,840; Sept. 10.
 Automobile. J. V. Martin. Des. 94,847; Mar. 12.
 Automobile. A. E. Northrup. Des. 94,985; Mar. 26.
 Automobile. J. K. Ryan. 96,860; Sept. 10.
 Automobile. E. H. Taylor. Des. 94,287; Jan. 8.
 Automobile. J. Tjaarda. Des. 94,396; Jan. 22.
 Automobile, boat and airplane, Combined. G. Brown. Des. 94,329; Jan. 15.
 Automobile body. A. E. Northrup. 95,979; June 18.
 Automobile body. A. E. Voigt. 95,718; May 21.
 Automobile bonnet. C. R. Paton. 96,409; July 30.
 Automobile broadcasting truck. G. P. MacDonald. Des. 95,055; Apr. 2.
 Automobile heater. C. H. Will and H. W. Fink. 97,030; Sept. 24.
 Automobile or similar article. J. Agramonte. 95,302; Apr. 23.
 Automobile or similar article. J. Andrade. 95,303; Apr. 23.
 Automobile or similar article. J. Andrade. 96,716; Aug. 27.
 Automobile or similar article. R. S. Grimshaw. 95,337; Apr. 23.
 Automobile or similar article. F. Humer and J. R. Morgan. 95,351; Apr. 23.
 Automobile or similar article. J. R. Morgan. 95,374; Apr. 23.
 Automobile or similar article. H. A. Shaw. Des. 94,995; Mar. 26.
 Automobile seat slip. R. Jaramillo. 97,816; Dec. 10.
 Automobile steering wheel cover. F. P. Jackson. 97,231; Oct. 15.
 Automobile truck. R. E. Billings. Des. 95,013; Apr. 2.
 Automobile truck body. J. B. Baillargeon. 97,888; Dec. 24.
 Automotive vehicle heater. H. Rose. 96,936; Sept. 17.
 Automotive vehicle heater. H. Rose. 97,649; Nov. 26.
 Badge. H. H. Karr. Des. 95,046; Apr. 2.
 Badge. A. R. Rowles. 95,985; June 18.
 Badge, Lodge. J. G. Franklin. 96,461; Aug. 6.
 Badge or similar article. A. T. Correa. Des. 94,539; Feb. 12.
 Badge or similar article. L. O. Johnson and G. N. Nunn. Des. 94,426; Jan. 29.
 Badge or similar article. G. F. Lee. Des. 94,843; Mar. 12.
 Badge or similar article. G. Papiro. 97,411; Nov. 5.
 Badge or similar article, Emblematic. F. A. Schlesinger. 95,381-2; Apr. 23.
 Badge or similar article, Past commander. A. Rosenfield. 95,457; Apr. 30.
 Badge, Pall-bearer's. C. D. Roberts. 95,929; June 11.
 Bag. C. B. Elmore. 96,303; July 23.
 Bag and brief case, Combination hand. O. J. Wallnsky. Des. 95,003; Mar. 26.
 Bag and camera or similar article, Combination hand. T. Ball. 97,452; Nov. 12.
 Bag, Lady's hand. F. H. Hirsch. 97,484; Nov. 12.
 Bag or similar article, Hand. T. Ball. 97,451; Nov. 12.
 Bag or similar article, Laundry. I. F. Silverstein. 95,712; May 21.
 Bag or the like. H. Bordman. 97,837; Dec. 17.
 Bag or the like, Hand. B. Blacher. 95,483; May 7.
 Ball, Play. C. K. Frederick. Des. 95,034; Apr. 2.
 Bank, Coin. D. H. Zell. 96,522; Aug. 6.
 Bank, Coin register. J. Farber. 96,304; July 23.
 Bank or similar article, Coin savings. D. H. Zell. 98,044; Dec. 31.
 Banner or similar article. J. Schrembs. 96,281; July 16.
 Barbecue machine casing. G. Garvis. 95,741; May 28.
 Barrel. R. C. Ingersoll. 97,580; Nov. 19.
 Base and column for smoker and floor lamp, Combined. S. Thau. Des. 94,928; Mar. 19.
 Base for a clock. E. L. Carlson. Des. 94,186-7; Jan. 1.
 Base for a clock. E. L. Carlson. 96,159; July 9.
 Base for a clock. O. Ciccarelli. Des. 94,813; Mar. 12.
 Base for a ring or similar article. T. J. Manry. 97,531; Nov. 19.
 Base, Lamp. F. D. Chapman. 96,650; Aug. 27.
 Base or similar article, Lamp. H. M. Laxer. 95,522-5; May 7.
 Base, Supporting. W. Millington. 97,142; Oct. 8.
 Base unit of a studio couch or similar article. M. Fox. 96,029; June 25.
 Basket, Fruit. J. H. Fuller. 97,127; Oct. 8.
 Basket, Needlework. Z. Wallis. Des. 94,455; Jan. 29.
 Bathrobe. C. A. Sullivan. 96,144; July 2.
 Bathroom bracket. W. M. Levett. 97,941; Dec. 24.

- Bathroom fixture. C. Di Antonio. Des. 94,192; Jan. 1.
 Bathroom scale casing. J. C. Sutton. 97,568; Nov. 19.
 Bathtub. H. N. Davock. 97,729; Dec. 3.
 Bathtub. J. R. Morgan. 95,375-6; Apr. 23.
 Bathtub, Corner. H. M. Reed, Jr. 96,507; Aug. 6.
 Battery box. R. LeClerc. 95,971; June 18.
 Battery case, Storage. O. O. Rieser. 95,279-87; Apr. 16.
 Battery case, Storage. O. O. Rieser. 95,928; June 11.
 Battlefield, Miniature. D. R. Butterfield. 96,227; July 16.
 Bed. A. A. Granovsky. Des. 94,830-1; Mar. 12.
 Bed, Couch. J. Martin. 95,441; Apr. 30.
 Bed footboard. R. T. Carlson. Des. 95,017; Apr. 2.
 Bedstead. R. T. Carlson. Des. 95,018; Apr. 2.
 Beer coil cleaner. H. W. Anderson. 95,724; May 28.
 Belt. A. M. Bressler. Des. 94,532-3; Feb. 12.
 Belt for personal wear. H. M. Morgenthaler. Des. 94,920; Mar. 19.
 Belt for personal wear. A. R. Richtmyer. 97,958-9; Dec. 24.
 Belt for personal wear. M. Sachs. 95,549; May 7.
 Belt for personal wear. M. Sachs. 95,986-7; June 18.
 Bench, Utility. A. Haas. 96,545; Aug. 13.
 Beverage dispenser. H. S. Hires. 97,711; Dec. 3.
 Beverage dispenser. O. J. Leins. 95,762; May 28.
 Beverage mixer. J. M. Vogel. 95,559; May 7.
 Bicycle. A. Elvy. Des. 94,815; Mar. 12.
 Bicycle. J. R. Morgan. 96,772; Sept. 3.
 Bicycle handlebar stem. C. P. Ball, Jr. 95,306-7; Apr. 23.
 Bicycle, Man's. N. A. Clark. 97,918; Dec. 24.
 Bicycle, Man's. T. I. Duffy. 97,928; Dec. 24.
 Bicycle, Woman's. T. I. Duffy. 97,927; Dec. 24.
 Billfold. R. N. Lupier and L. A. Mueller. 96,490-1; Aug. 6.
 Billfold. W. H. St. Thomas. 95,387; Apr. 23.
 Biseat aircraft chair. L. C. McCarty, Jr., and D. M. Helwig. 97,014; Sept. 24.
 Blotter holder. L. Guild. Des. 94,203; Jan. 1.
 Blouse. G. Baum. 97,980; Dec. 31.
 Blouse. A. Belli. 95,114; Apr. 9.
 Blouse. B. Brecher. 96,898; Sept. 17.
 Blouse. W. Freedman. Des. 94,820-3; Mar. 12.
 Blouse. W. Freedman. Des. 94,956-9; Mar. 26.
 Blouse. W. Freedman. 95,239; Apr. 16.
 Blouse. W. Freedman. 95,324; Apr. 23.
 Blouse. I. Geist. Des. 94,386; Jan. 22.
 Blouse. I. Geist. 95,327; Apr. 23.
 Blouse. I. Geist. 95,406; Apr. 30.
 Blouse. I. Geist. 95,677; May 21.
 Blouse. I. Geist. 96,245; July 16.
 Blouse. I. Geist. 96,910; Sept. 17.
 Blouse. I. Geist. 97,229; Oct. 15.
 Blouse. I. Geist. 97,386-8; Nov. 5.
 Blouse. H. Glaser. 96,741; Sept. 3.
 Blouse. M. G. Haley. 96,665; Aug. 27.
 Blouse. L. Kolodney. Des. 94,916; Mar. 19.
 Blouse. I. Kotzen. 95,355-7; Apr. 23.
 Blouse. I. Kraunz. 96,765; Sept. 3.
 Blouse. H. K. Loeb. 95,364-5; Apr. 23.
 Blouse. D. M. Mayehoff. 97,582; Nov. 19.
 Blouse. J. Nachman. 96,495; Aug. 6.
 Blouse. H. M. Raphael. 95,865; June 4.
 Blouse. H. M. Raphael. 96,200; July 9.
 Blouse. R. A. Weiss. Des. 95,005; Mar. 26.
 Blouse. R. A. Weiss. Des. 95,098; Apr. 2.
 Blouse. R. A. Weiss. 97,028; Sept. 24.
 Blouse. S. Wolfson. 96,879; Sept. 10.
 Blouse or similar article. I. H. Bernstein and M. Press-laff. 95,217; Apr. 16.
 Blouse or the like. L. Levy. 95,369; Apr. 23.
 Boat. F. J. Piccola. 95,541; May 7.
 Boiler. W. C. Coleman. Des. 94,379; Jan. 22.
 Boiler or furnace jacket. G. D. Hauser. 97,130; Oct. 8.
 Book end. F. D. Farr. 95,811; June 4.
 Book end. S. L. Wolffs. 97,154; Oct. 8.
 Bookstand. P. McCoy. Des. 94,355; Jan. 15.
 Booth or similar article. L. M. Hampton. 97,349; Oct. 29.
 Booth or similar article, Dispensing. R. H. Ward. 97,516; Nov. 12.
 Bottle. C. W. Ahrens. Des. 94,936; Mar. 26.
 Bottle. C. W. Ahrens. 95,787; June 4.
 Bottle. C. W. Ahrens. 96,885; Sept. 17.
 Bottle. F. E. Ball. Des. 94,461; Feb. 5.
 Bottle. E. Barq. 98,026; Dec. 31.
 Bottle. G. M. Brenner. 95,576; May 14.
 Bottle. G. M. Brenner. 97,986; Dec. 31.
 Bottle. A. J. Calpha. 97,906; Dec. 24.
 Bottle. B. Carp. 97,322; Oct. 29.
 Bottle. A. B. Cassidy. Des. 94,189; Jan. 1.
 Bottle. G. M. Clevenger. 97,178; Oct. 15.
 Bottle. W. F. Cox. 97,324; Oct. 29.
 Bottle. T. D'Addario. Des. 94,341; Jan. 15.
 Bottle. P. C. Delaize. 96,651; Aug. 27.
 Bottle. S. de Vaulchier. 96,728-9; Sept. 3.
 Bottle. J. L. Donnock. 95,900; June 11.
 Bottle. J. Englander. Des. 94,471; Feb. 5.
 Bottle. D. Faor. 97,639; Nov. 26.
 Bottle. E. M. Fleischmann. 96,233; July 16.
 Bottle. B. D. Fuerst. Des. 94,824; Mar. 12.
 Bottle. B. D. Fuerst. 95,672; May 21.
 Bottle. E. W. Fuerst. Des. 94,384-5; Jan. 22.
 Bottle. E. W. Fuerst. Des. 94,745-7; Mar. 5.
 Bottle. E. W. Fuerst. 96,105-6; July 2.
 Bottle. E. W. Fuerst. 96,235; July 16.
 Bottle. J. H. Funkey. 96,107; July 2.
 Bottle. C. S. Gage and W. D. Canady. 95,325; Apr. 23.
 Bottle. G. T. Gibson. Des. 94,546; Feb. 12.
 Bottle. L. V. Guild. 97,390; Nov. 5.
 Bottle. W. Guyer. Des. 94,965; Mar. 26.
 Bottle. W. Guyer. 95,506; May 7.
 Bottle. W. Guyer. 95,821; June 4.
 Bottle. W. Guyer. 96,543; Aug. 13.
 Bottle. C. J. Howel. 95,686; May 21.
 Bottle. F. T. Kessler. 95,589; May 14.
 Bottle. S. Kessler. 95,590; May 14.
 Bottle. A. L. Key. 95,259-60; Apr. 16.
 Bottle. A. L. Key. 95,262; Apr. 16.
 Bottle. W. R. Leach. Des. 94,498; Feb. 5.
 Bottle. W. R. Leach. 95,849; June 4.
 Bottle. W. R. Leach. 97,555; Dec. 17.
 Bottle. F. N. Lewis. 95,596; May 14.
 Bottle. F. N. Lewis. 97,399-400; Nov. 5.
 Bottle. F. N. Lewis. 98,040; Dec. 31.
 Bottle. A. I. Lorenzen. 97,611; Nov. 26.
 Bottle. G. A. Mangle. Des. 94,231; Jan. 1.
 Bottle. F. McLaughlin. Des. 94,703; Feb. 26.
 Bottle. F. McLaughlin. 95,854; June 4.
 Bottle. F. McLaughlin. 97,198; Oct. 15.
 Bottle. A. C. Meyer. 96,045; June 25.
 Bottle. A. C. Meyer. 96,267-8; July 16.
 Bottle. R. J. Miedel. Des. 94,618; Feb. 19.
 Bottle. I. Myer. 97,778; Dec. 10.
 Bottle. W. A. Nester. Des. 94,921; Mar. 19.
 Bottle. W. A. Nester. 96,408; July 30.
 Bottle. W. F. Nichols. 97,561; Nov. 19.
 Bottle. P. Plunkett. 95,609; May 14.
 Bottle. R. P. Richardson. 95,703; May 21.
 Bottle. G. C. Robinson. 95,547; May 7.
 Bottle. W. C. Ross. 97,824; Dec. 10.
 Bottle. G. Sakier. 95,617; May 14.
 Bottle. G. Sakier. 95,988-9; June 18.
 Bottle. G. Sakier. 96,510-13; Aug. 6.
 Bottle. M. Sanders, Jr. 96,779-80; Sept. 3.
 Bottle. F. Smith. Des. 94,246; Jan. 1.
 Bottle. F. Smith. Des. 94,862; Mar. 12.
 Bottle. F. Smith. 95,462; Apr. 30.
 Bottle. F. Smith. 97,211; Oct. 15.
 Bottle. F. Smith. 97,512; Nov. 12.
 Bottle. R. R. Smith. 96,565; Aug. 13.
 Bottle. R. R. Smith. 97,720; Dec. 3.
 Bottle. R. W. Smith. 96,423; July 30.
 Bottle. J. E. Spence. Des. 94,863-4; Mar. 12.
 Bottle. J. S. Steelman. Des. 94,393; Jan. 22.
 Bottle. J. S. Steelman. Des. 94,573-5; Feb. 12.
 Bottle. J. S. Steelman. 95,464; Apr. 30.
 Bottle. J. S. Steelman. 95,555-6; May 7.
 Bottle. J. S. Steelman. 97,748; Dec. 3.
 Bottle. N. F. Steuer. Des. 94,713; Feb. 26.
 Bottle. N. F. Steuer. 97,105; Oct. 1.
 Bottle. J. H. Steuernagle. 97,212; Oct. 15.
 Bottle. J. H. Steuernagle. 97,339; Oct. 29.
 Bottle. L. M. Sutton, Jr. 95,937; June 11.
 Bottle. L. Sziget. 95,159; Apr. 9.
 Bottle. R. Tricard. Des. 94,397; Jan. 22.
 Bottle. R. Tricard. 96,871; Sept. 10.
 Bottle. H. H. Wise. 97,218; Oct. 15.
 Bottle. E. G. Westlake. Des. 94,398; Jan. 22.
 Bottle and cap, Combined. M. T. Brekke. 95,220; Apr. 16.
 Bottle and cap, Combined. R. E. Hankar. 97,391; Nov. 5.
 Bottle and eye cup, Combined. S. Rosengart-Fam. 96,134; July 2.
 Bottle and stopper, Combined. P. H. Ganz. Des. 94,881; Feb. 19.
 Bottle cap. A. J. Jonsson. Des. 94,835; Mar. 12.
 Bottle cap. G. Switzer. 97,340; Oct. 29.
 Bottle casing. W. J. Behr, Jr. 95,199; Apr. 16.
 Bottle casing. W. J. Behr, Jr. 95,216; Apr. 16.
 Bottle casing. W. J. Behr, Jr. 96,881; Sept. 10.
 Bottle casing. G. T. Gibson. Des. 94,545; Feb. 12.
 Bottle closure. E. W. Fuerst. 95,675; May 21.
 Bottle, Decanter type. J. V. Mond. 95,772; May 28.
 Bottle display and stand therefor, Combined. A. D. Oetjen. Des. 94,356; Jan. 15.
 Bottle, Glass. L. J. Kihn. Des. 94,496; Feb. 5.
 Bottle, Glass. L. J. Kihn. Des. 94,696; Feb. 26.
 Bottle, Glass. L. J. Kihn. 95,965; June 18.
 Bottle, Glass. L. J. Kihn. 96,395; July 30.
 Bottle, Glass. L. J. Kihn. 96,989; Sept. 24.
 Bottle, Glass. L. J. Kihn. 97,196; Oct. 15.
 Bottle, Glass. E. A. Sheffield. 95,460; Apr. 30.
 Bottle, Glass. R. G. Twiggs. Des. 94,250-1; Jan. 1.
 Bottle, Ink. G. Larsen. 97,681; Dec. 3.
 Bottle or similar article. C. J. Chamales. 96,019; June 25.
 Bottle or similar article. H. H. Harris. 95,682; May 21.
 Bottle or similar article. J. E. McLaughlin. 96,266; July 16.
 Bottle or similar article. T. J. Piazzoli. Des. 94,357; Jan. 15.
 Bottle or similar article. J. S. Stein. Des. 94,786; Mar. 5.
 Bottle or similar article. J. S. Stein. 95,873; June 4.
 Bottle or similar article, Bitters'. G. Viviano. 96,285; July 16.
 Bottle or similar article, Perfume. L. Lelong. 97,332; Oct. 29.
 Bottle or similar container. A. S. Bowen. 97,968-71; Dec. 24.

- Bottle or similar container. S. G. Epstein. Des. 94,953; Mar. 26.
- Bottle or similar container. E. W. Fuerst. Des. 94,199; Jan. 1.
- Bottle or similar container. H. R. McDonald. Des. 94,230; Jan. 1.
- Bottle or the like. C. M. Plochman. Des. 94,358; Jan. 15.
- Bottle, Perfume. A. R. Botham. 96,089; July 2.
- Bottle, Perfume. P. H. Ganz. 95,326; Apr. 23.
- Bottle stopper. F. Milbach. 96,269; July 16.
- Bottle, stopper, and stand, Combination. J. Desprez. 97,926; Dec. 24.
- Bowl. L. Guild. Des. 94,207-8; Jan. 1.
- Bowl. L. Guild. 95,203; Apr. 16.
- Bowl. L. Guild. 95,243; Apr. 16.
- Bowl. E. D. Sledge, Jr. 97,308; Oct. 22.
- Bowl. M. A. Smith. 95,783; May 28.
- Bowl, Covered. L. Guild. Des. 94,213; Jan. 1.
- Bowl, Covered. L. Guild. 95,338; Apr. 23.
- Bowl, Fish. S. J. Carne. 97,759; Dec. 10.
- Bowl, Fruit. L. Guild. Des. 94,206; Jan. 1.
- Bowl or other article of hollow ware, Sugar. P. McKeon. 95,277; Apr. 16.
- Bowl or similar article. F. P. Judge and E. M. Owens. 96,187; July 9.
- Bowl or similar article. C. W. Oldham. 96,048; June 25.
- Bowl or similar article, Fish. C. P. Askew. 95,727; May 28.
- Bowl or similar article, Sugar. V. Broomhall and H. A. Smith. 96,445; Aug. 6.
- Bowl or the like, Shaving. C. S. Gage and W. D. Canaday. 96,030; June 25.
- Bowl, Punch. L. Guild. Des. 94,205; Jan. 1.
- Bowl, Sugar. R. G. Cowan. 97,923; Dec. 24.
- Bowl, Sugar. C. Kaiser. 95,750; May 28.
- Bowl, Sugar. B. Kogan. Des. 94,910; Mar. 19.
- Box. N. B. Geddes. 95,816; June 4.
- Box. F. S. Renault. 96,777; Sept. 3.
- Box. J. M. Shields. 97,359; Oct. 29.
- Box. R. P. Williams. Des. 94,588; Feb. 12.
- Box and brush holder, Combined powder. E. Neumann-Holste. 97,935; Dec. 24.
- Box and support therefor, Combined mail. H. Hahn. 95,339; Apr. 23.
- Box cover. M. H. Connor. 95,487; May 7.
- Box for sales tax, Collection. W. A. Honeyman. 97,192; Oct. 15.
- Box or like receptacle, Cigarette. F. G. Purinton. 97,303; Oct. 22.
- Box or similar article. J. S. Stein. 97,567; Nov. 19.
- Box or similar article, Cigarette. H. B. Dennis. 97,382; Nov. 5.
- Box or similar article, Dressing table. J. Rubin. 97,305; Oct. 22.
- Box or similar article, Jewelry. R. Farness and S. Sweet. 97,302; Oct. 22.
- Box or similar article, Pencil. G. H. Baumgard. 95,170; Apr. 16.
- Box or similar container. H. Avedon. 97,831; Dec. 17.
- Box or similar container. Connie Lean. 98,010; Dec. 31.
- Box or similar container. E. Sloan. 96,782; Sept. 3.
- Box, Recipe. L. A. Felton. 97,820; Dec. 10.
- Box with a movable lid. H. Bel Geddes. 97,630; Nov. 26.
- Bracelet chain. A. E. R. Speidel. 95,190-1; Apr. 16.
- Bracelet or similar article of jewelry. L. Bojar. 96,443-4; Aug. 6.
- Bracelet or similar article of jewelry. G. F. Fenton and R. C. Bangs. 95,231; Apr. 16.
- Bracelet or similar article of jewelry. J. M. Miller and G. F. Fenton. 95,771; May 28.
- Bracelet or the like. M. Chernow. 97,222; Oct. 15.
- Bracket for electric lighting, Ceramic wall. R. G. Cowan. 95,227; Apr. 16.
- Bracket for mounting horns. Wall. E. W. Menger. 96,848; Sept. 10.
- Bracket or similar article, Lighting fixture. R. C. Gregg. 96,467; Aug. 6.
- Bracket or similar article, Lighting fixture. R. C. Gregg. 96,912; Sept. 17.
- Braid, Elastic lace. O. E. Huber. 95,828-32; June 4.
- Braid or the like. M. Noirjean. Des. 94,401; Jan. 22.
- Brassière. W. Rosenthal. 97,167; Oct. 8.
- Brassière and pantie, Combination. J. Chase. 96,160; July 9.
- Brassière and skirt, Combination. W. H. Deiches. 96,727; Sept. 3.
- Brassière and trunks, Lady's combination. J. Chase. 97,005; Sept. 24.
- Brassière, Crocheted. M. E. Blood. 95,575; May 14.
- Brick. A. Bowland. 96,895-7; Sept. 17.
- Bridge for an ophthalmic mounting. J. A. Sweeney. 97,511; Nov. 12.
- Bridge for an ophthalmic mounting. J. A. Sweeney. 97,790; Dec. 10.
- Bridge for eyeglasses. H. W. Gram. 96,035; June 25.
- Bridge for eyeglasses. H. W. Gram. 97,128; Oct. 8.
- Bridge for eyeglasses. F. H. Soden. Des. 94,286; Jan. 8.
- Bridge, Lift. J. B. Strauss. Des. 94,318; Jan. 8.
- Bridle bit. L. B. Bergen. 96,216; July 16.
- Briquette, Fire kindler. C. S. Palmer. Des. 94,923; Mar. 19.
- Broiler. H. H. Minard. 95,859; June 4.
- Broiler grill. J. Cohen. 97,841; Dec. 17.
- Broiler utensil. J. L. Bennett. 95,309; Apr. 23.
- Brooch. F. S. Land. Des. 94,698; Feb. 26.
- Brush. J. Gilbert and H. Parry. 96,599; Aug. 20.
- Brush. C. A. Porter. 96,694-5 Aug. 27.
- Brush. A. Wewetzer. 97,424; Nov. 5.
- Brush for dental plates. V. Hellonen. 96,749; Sept. 3.
- Brush or similar article. A. Wewetzer. 95,883; June 4.
- Brush or similar article. A. Wewetzer. 96,072; June 25.
- Brush or similar article. A. Wewetzer. 96,358-9; July 23.
- Brush or similar article. A. Wewetzer. 96,436; July 30.
- Brush, Shaving. W. Bowker and K. P. Piperoux. Des. 94,534; Feb. 12.
- Buckle. L. Alterson. 96,001; June 25.
- Buckle. L. Alterson. 96,292; July 23.
- Buckle. J. Baumbusch. 97,454; Nov. 12.
- Buckle. F. Benenati. 95,115; Apr. 9.
- Buckle. D. Cooper. 97,264-5; Oct. 22.
- Buckle. J. B. Freysinger. Des. 94,197; Jan. 1.
- Buckle. J. B. Freysinger. Des. 94,543; Feb. 12.
- Buckle. J. B. Freysinger. 97,047-51; Oct. 1.
- Buckle. J. B. Freysinger. 97,473-7; Nov. 12.
- Buckle. J. B. Freysinger. 97,766-7; Dec. 10.
- Buckle. D. Levin. 95,273; Apr. 16.
- Buckle, Shoe. D. Levin. 97,492; Nov. 12.
- Buckle. D. Levin. 97,942; Dec. 24.
- Buckle. W. S. Painter. 95,450; Apr. 30.
- Buckle. S. Putman. 96,275; July 16.
- Buckle. S. Putman. 96,501; Aug. 6.
- Buckle. S. Putman. 96,850; Sept. 10.
- Buckle. S. Putman. 96,999-100; Sept. 24.
- Buckle. S. Putman. 97,304; Oct. 22.
- Buckle. S. Putman. 97,412; Nov. 5.
- Buckle. S. Putman. 97,742; Dec. 3.
- Buckle. S. Putman. 97,784-5; Dec. 10.
- Buckle. S. Putman. 97,954-6; Dec. 24.
- Buckle. C. Rosenblum. 96,857-9; Sept. 10.
- Buckle. J. I. Schaffer. 96,861; Sept. 10.
- Buckle. J. S. Tenney. 97,688; Dec. 3.
- Buckle. H. G. Whitehouse. 95,721; May 21.
- Buckle, Belt. J. R. Lavigne. 97,940; Dec. 24.
- Buckle, Belt. R. Sote. 97,150; Oct. 8.
- Buckle or similar article, Belt. I. M. Kestin. 97,293; Oct. 22.
- Buckle, Shoe. B. W. Jayne. 97,679; Dec. 3.
- Buckle slide. S. J. Lesnik. 95,526; May 7.
- Building. A. H. Burks. 95,314; Apr. 23.
- Building. N. B. Geddes and C. Landefeld. 95,906; June 11.
- Building. H. W. Godwin. 95,407; Apr. 30.
- Building. B. Knaster and C. F. Vonhof. Des. 94,908; Mar. 19.
- Building. R. W. McLaughlin, Jr. 97,402-6; Nov. 5.
- Building. A. J. Stephens. Des. 94,787; Mar. 5.
- Building. J. M. Workman. Des. 94,320; Jan. 8.
- Building wall unit. I. Rocio. Des. 94,281; Jan. 8.
- Bumper, Automobile. J. F. Martin. 97,946; Dec. 24.
- Bumper bar and guard, Combine. J. Galamb. 96,380; July 30.
- Bumper protector. W. C. Jackson. Des. 94,219; Jan. 1.
- Bureau or similar article. C. M. Hawk. Des. 94,482; Feb. 5.
- Burial case. J. L. Grissinger. 97,998; Dec. 31.
- Burial vault handle. L. J. Clark. 96,570; Aug. 13.
- Burial vault handle. L. J. Clark. 97,913-17; Dec. 24.
- Burial vault handle. J. Jamieson. 97,938; Dec. 24.
- Burner. L. R. Stark. Des. 94,317; Jan. 8.
- Burner, bowl, and utensil support assembly for a cook stove. S. H. Hobson. Des. 94,689; Feb. 26.
- Burner cap. S. H. Hobson. Des. 94,610; Feb. 19.
- Burner casing, Oil. F. W. Scheifele. 96,515; Aug. 6.
- Burner pumping and control unit, Oil. E. B. Frame. 96,964; Sept. 24.
- Burner tip housing. C. M. Bolser. 97,345; Oct. 29.
- Bus duct run. W. H. Frank. Des. 94,298; Jan. 8.
- Bus signal sign. A. G. Love. 97,437; Nov. 5.
- Butter print machine. C. and H. H. Doering. 97,326; Oct. 29.
- Button. D. H. Munger. 97,408; Nov. 5.
- Button. A. L. Rosenthal. Des. 94,518; Feb. 5.
- Button. L. C. Saffr. 96,341; July 23.
- Button. G. T. Thorne. 96,063; June 25.
- Cabinet. W. J. Adams, Jr. 97,695; Dec. 3.
- Cabinet. S. N. Ginsburg. 95,328; Apr. 23.
- Cabinet. C. M. Leary. 96,322; July 23.
- Cabinet. E. G. McQuinn and W. J. Conwell. Des. 94,616; Feb. 19.
- Cabinet. P. Piffath. Des. 94,708-9; Feb. 28.
- Cabinet, Amusement game. F. C. McClellan. 95,697; May 21.
- Cabinet, Amusement game. V. F. Slezak. 96,706; Aug. 27.
- Cabinet, Amusement machine. E. W. Pace. 95,449; Apr. 30.
- Cabinet and clock, Combination advertising display. M. Pufes. 95,780; May 28.
- Cabinet and wall shelf, Combined radio loudspeaker. D. W. Kussman. 96,484; Aug. 6.
- Cabinet, Bar. D. C. Rockola. 97,616; Nov. 26.
- Cabinet, Cash register. H. J. Williams. 96,715; Aug. 27.
- Cabinet, Combined radio and phonograph. A. C. Ansley. 95,395; Apr. 30.
- Cabinet, Combined refrigerator dispensing and storage. R. H. Heise. 98,035; Dec. 31.
- Cabinet, Dental. T. M. McDonald. 96,771; Sept. 3.
- Cabinet, Display. F. B. Keuthan. 95,513; May 7.
- Cabinet, Display. C. C. Reed. Des. 94,234; Jan. 1.

- Cabinet, Electrical apparatus. B. O. Browne. 95,938; Apr. 30.
- Cabinet for a hair waving apparatus or similar article. M. F. Droher. 97,843; Dec. 17.
- Cabinet for a refrigerator. A. Kahn. 97,851; Dec. 17.
- Cabinet for air conditioning apparatus or similar article. O. C. Palmer. Des. 94,313-14; Jan. 8.
- Cabinet for displaying, storing, and dispensing oilcloth, or the like. K. H. Toll. Des. 94,367; Jan. 15.
- Cabinet for liquid fuel heaters. W. T. Bradbury. 96,086-7; July 2.
- Cabinet for liquid fuel heaters. W. T. Bradbury. 96,220; July 16.
- Cabinet for phonographs or the like. J. W. Wilson. 97,690-2; Dec. 3.
- Cabinet for target practice amusement games. G. A. Gast. 96,829; Sept. 10.
- Cabinet for telephone equipment. H. Koch. 95,591; May 14.
- Cabinet for vending machines. G. A. Gast. 96,828; Sept. 10.
- Cabinet, Game. B. E. Mittelman. Des. 94,555; Feb. 12.
- Cabinet, Ironing machine. A. W. Altorfer. 96,440; Aug. 6.
- Cabinet, Ironing machine. H. A. Sperlich and J. H. Uhlig. 95,552; May 7.
- Cabinet, Ironing machine. G. W. Walker. Des. 94,716-17; Feb. 26.
- Cabinet, Ironing machine. G. W. Walker. 96,149; July 2.
- Cabinet, Kitchen. H. J. Stentiford. 96,785; Sept. 3.
- Cabinet, Kitchen. A. E. Stoltz. 97,309; Oct. 22.
- Cabinet, Merchandising. W. W. McNamara. 96,560; Aug. 13.
- Cabinet or similar article, Inter-communicating telephone switch. C. L. Herrick. 95,426; Apr. 30.
- Cabinet or the like, Heater. D. F. Jones. 95,962; June 18.
- Cabinet, Phonograph. L. J. Kelly. 97,604; Nov. 26.
- Cabinet, Recipe. C. E. Bisbey. 95,627; May 21.
- Cabinet, Refrigerator. J. S. Sayre. 96,700; Aug. 27.
- Cabinet, Sewing machine. R. J. Thill. 96,146; July 2.
- Cabinet, Sheet dispenser. P. H. Horwitz. 96,470; Aug. 6.
- Cabinet, Sink. C. H. Widman. 96,212; July 9.
- Cabinet, Soda fountain. D. C. Seitz. 97,871; Dec. 17.
- Cabinet, Stocking display. H. Janssen. 95,834; June 4.
- Cabinet, Vending machine. R. and B. Bentley. 95,891; June 11.
- Cabinet, Vending machine. F. C. Du Grenier. Des. 95,024-5; Apr. 2.
- Cabinet, Vending machine. W. H. Rowe. 97,505-6; Nov. 12.
- Cabinet, Vending machine. C. R. Simpkins. 96,564; Aug. 13.
- Cable terminal, Electric. L. A. Koch, Jr. 97,233; Oct. 15.
- Cake of soap and container therefor, Combined. W. Newton, Jr. 97,819; Dec. 10.
- Calculating machine, Inventory. W. E. Mackelfresh, Jr. 96,402; July 30.
- Camera casing. W. D. Teague. 96,347-54; July 23.
- Camera covering. W. L. Lawson. 98,009; Dec. 31.
- Can opener and dispenser, Combined oil. M. Gaertner. 97,346; Oct. 29.
- Can or similar article, Paint. N. T. Ballard. 97,890; Dec. 24.
- Candelabrum. S. W. Farber. 96,099; July 2.
- Candle. M. H. Gastel. 95,676; May 21.
- Candle light or similar article. J. Zeitlin. 95,999; June 18.
- Candle or the like, Bell. G. Lamont. 96,612; Aug. 20.
- Candlestick. J. H. Fuller. Des. 94,544; Feb. 12.
- Candle stick. L. Guild. 97,813; Dec. 10.
- Candy box. H. E. James, and W. J. McClintock, Jr. 95,429; Apr. 30.
- Candy confection. G. E. Wheeler. 96,360; July 23.
- Cap, Bottle. E. W. Fuerst. 95,904; June 11.
- Cap, Bottle. J. S. Lindemann. 96,926; Sept. 17.
- Cap, Bottle. M. M. Silverman. 96,704; Aug. 27.
- Cap, Container. J. Kromman. 96,766; Sept. 3.
- Cap for the gas tank of an automobile. J. Sinko. 97,101; Oct. 1.
- Cap, Military. M. Greenberg. 96,034; June 25.
- Cap or the like, Container. R. G. Peck, Jr. 97,205; Oct. 15.
- Cape. C. K. La Ruea. 96,124; July 2.
- Cape and hood, Combined. M. E. Huston. 96,673; Aug. 27.
- Car body, Touring. J. O. Heinze. 95,507; May 7.
- Car mover. A. J. Hoffmann. 97,736; Dec. 3.
- Car ventilator. N. L. Willer. 97,106; Oct. 1.
- Card, Display. A. Bleich. 96,010; June 25.
- Card, Score. H. J. Le Roy. 96,686; Aug. 27.
- Card table. I. F. Jewell. 96,986; Sept. 24.
- Cards, Set of playing. M. N. Keshishian. 96,118; July 2.
- Cards, Set of playing. N. Kurland. 96,319; July 23.
- Carpet. P. V. Beneville. 96,004-5; June 25.
- Carpet. H. C. Blomstrom. 97,629; Nov. 26.
- Carpet. J. S. Travis. 95,994; June 18.
- Carpet. J. S. Travis. 96,064-5; June 25.
- Carpet underliner. A. L. Clements. 96,228-9; July 16.
- Carriage or similar article, Doll. B. J. Rader. 96,502; Aug. 6.
- Carrying case or similar article. E. A. de Graff. 96,821; Sept. 10.
- Carton. M. M. Smith. 95,934; June 11.
- Carton, Christmas tree lighting unit. M. E. Holy. 95,956; June 18.
- Carton, Collapsible. S. M. Andrews. Des. 94,938; Mar. 26.
- Carton, Collapsible. S. M. Andrews. 95,726; May 28.
- Carton for paint brushes, Display. H. M. Ward. Des. 94,581; Feb. 12.
- Cartons and container therefor, Combination group pack of individual. F. W. Shirriff. 97,510; Nov. 12.
- Case for a measuring tape. A. W. Keuffel. 96,479; Aug. 6.
- Case for cosmetic materials. O. E. Clarkson. 96,299; July 23.
- Case for microscope and accessories. M. C. Williamson. Des. 94,457; Jan. 29.
- Case for tablets, Pocket. E. Neumann-Holste. 97,936; Dec. 24.
- Case or like article, Vanity. A. F. Reilly. 97,715; Dec. 3.
- Case, or similar article, Vanity. J. Kreisler. 96,680; Aug. 27.
- Casing for a combined washing machine and centrifugal drier. A. W. Altorfer. 96,439; Aug. 6.
- Casing for a combined washing machine and drier. W. D. Teague. 95,716; May 21.
- Casing for a corn-popping machine. F. I. Roach. Des. 94,236; Jan. 1.
- Casing for a cutting instrument or the like. E. P. Sacrey. Des. 94,855; Mar. 12.
- Casing for a fuel pumping unit. H. E. Kempton. 97,581; Nov. 19.
- Casing for a grinding mill. J. C. Kopf. 96,679; Aug. 27.
- Casing for a suction cleaner or similar article. H. Dreyfuss. 97,990; Dec. 31.
- Casing for a suction cleaner or similar article. H. B. White. 98,024; Dec. 31.
- Casing for an automobile signal light. H. O. Smith. 95,292; Apr. 16.
- Casing for an oil engine. W. A. Weaver and M. Hamilton-Fletcher. 95,164; Apr. 9.
- Casing for autographic registers. W. D. Teague. 96,428-9; July 30.
- Casing for boilers or furnaces. H. J. Sandlas, Jr. 96,136; July 2.
- Casing for coal stokers or the like. J. A. Perkins. 97,584; Nov. 19.
- Casing for door holders. S. W. Parsons. Des. 94,773; Mar. 5.
- Casing for ice-cream freezers, Combined bridge and mechanism. J. J. Gough. 97,348; Oct. 29.
- Casing for oil burner control elements. T. W. Murphy. 95,141; Apr. 9.
- Casing for oil burners. J. H. McIlvaine and P. I. Hollman. 96,539; Aug. 13.
- Casing for pencil sharpener. R. Campbell. 97,522; Nov. 19.
- Casing for vacuum cleaners. J. R. Morgan. 95,603-4; May 14.
- Casing for vacuum cleaners. T. A. Schaad. 96,937-8; Sept. 17.
- Casket. H. A. Neff. 95,700-1; May 21.
- Casket. W. E. Thompson. 95,388; Apr. 23.
- Casket, Burial. H. P. Hansen. 97,187; Oct. 15.
- Casket, Burial. C. Larsen. Des. 94,497; Feb. 5.
- Casket, Burial. C. Larsen. 97,436; Nov. 5.
- Casket, Burial. R. F. Staack. 96,863-4; Sept. 10.
- Casket handle. P. L. Parsons. 95,606; May 14.
- Casket lug and handle, Combined. G. C. Pahlow. 97,410; Nov. 5.
- Casserole. M. A. Smith. 96,141; July 2.
- Casserole holder. W. D. Teague. Des. 94,577-80; Feb. 12.
- Caster. E. Richter. Des. 95,069; Apr. 27.
- Catafalque. E. E. H. Nelson. 97,089; Oct. 1.
- Centerpiece, Table. N. B. Geddes. 95,482; May 7.
- Chair. W. H. Bond, Jr. 96,643-4; Aug. 27.
- Chair. W. H. Bond, Jr. 96,807; Sept. 10.
- Chair. P. Bourdelle. 96,645; Aug. 27.
- Chair. W. Hoffmann. 95,745; May 28.
- Chair. W. Hoffmann. 96,183; July 9.
- Chair. E. A. Raventos. Des. 94,777-9; Mar. 5.
- Chair, Aircraft. L. C. McCarty, Jr., and D. M. Helwig. 95,919; June 11.
- Chair frame. H. H. Goldberg. 95,411-12; Apr. 30.
- Chair or similar article. G. D. Wood. Des. 94,720; Feb. 26.
- Chair or the like. J. Kowalski. 96,123; July 2.
- Chair seat frame. A. R. Schwarzkopf. 96,703; Aug. 27.
- Chaise longue. F. Debski. Des. 94,380; Jan. 22.
- Chaise longue. P. T. Frankl. 95,671; May 21.
- Change-making and check canceling device, Combined. J. C. Eiler. 97,385; Nov. 5.
- Change receptacle, Merchandise display. P. Rhode. 95,148; Apr. 9.
- Charging and testing apparatus and stock stand. B. F. W. Heyer. Des. 95,041; Apr. 2.
- Charging and testing unit, Combined. B. F. W. Heyer. 97,286; Oct. 22.
- Charm or similar article of jewelry. F. B. Vollman. 96,433-4; July 30.
- Check or similar article. R. C. Browne. 97,987; Dec. 31.
- Check writer. J. P. Hunter. 95,509; May 7.
- Chess-men. D. S. Thompson. 98,873; Dec. 17.
- Chimney, Lamp. C. W. Davis. 97,698; Dec. 3.
- Chute, Coin. C. B. Gorton. Des. 94,752; Mar. 5.
- Cigarette and cigar ash receptacle. W. Conrad. Des. 94,947; Mar. 26.
- Cigarette box. L. Guild. Des. 94,299-301; Jan. 8.
- Cigarette box. E. C. Sloan. 96,422; July 30.

- Cigarette case. W. M. Jones. 97,850; Dec. 17.
 Cigarette case. E. Lackow. 96,262; July 16.
 Cigarette case and match pack holder, Combined. A. J. Lederer. Des. 94,977; Mar. 26.
 Cigarette case or similar article. H. H. Harris. 96,984; Sept. 24.
 Cigarette case or similar article. J. H. Horsley. 98,000-3; Dec. 31.
 Cigarette holder. D. S. Murphy. 96,689; Aug. 27.
 Clamp, Cable. C. H. Thomas. 95,939; June 11.
 Clamp for attaching fixtures to robe rails. J. I. Hamm. 96,885; July 30.
 Clasp or similar article, Collar. J. Blaser. 96,894; Sept. 17.
 Claw for wire stretchers. J. W. Schmitt. Des. 94,635; Feb. 19.
 Cleaner casing, Suction. E. F. Martinet. 95,139; Apr. 9.
 Cleaner casing, Suction. G. H. Scott. 95,153; Apr. 9.
 Cleaner or similar article, Window. L. J. Kurtz. 96,483; Aug. 6.
 Cleanser, Beverage glass. W. H. Eaton and I. L. Follett. 95,319-20; Apr. 23.
 Clip for a fountain pen or similar article. B. W. Hanle. 95,681; May 21.
 Clip for necktie knots. R. A. Lester. 97,353; Oct. 29.
 Clipper or similar article, Electric hair. H. Hill. 95,255-6; Apr. 16.
 Cloak, Lady's. L. H. Forsch. 96,455; Aug. 6.
 Cloak, Lady's. L. H. Forsch. 96,457; Aug. 6.
 Cloak, Lady's. L. H. Forsch. 97,045; Oct. 1.
 Clock. R. Magro. 97,776; Dec. 10.
 Clock. E. A. Neuggass. 97,500; Nov. 12.
 Clock. A. Roth. Des. 94,361-2; Jan. 15.
 Clock. P. S. Van Bloem. 95,161-2; Apr. 9.
 Clock. P. S. Van Bloem. 96,431; July 30.
 Clock. P. S. Van Bloem. 97,215; Oct. 15.
 Clock. P. S. Van Bloem. 97,419; Nov. 5.
 Clock. S. Yoshida. 96,794; Sept. 3.
 Clock and ash tray, Combined. P. S. Van Bloem. 97,341; Oct. 29.
 Clock and desk unit, Combination. P. S. Van Bloem. 97,342; Oct. 29.
 Clock and mirror, Combined. E. L. Vail and J. Berge. Des. 94,715; Feb. 26.
 Clock and radio control unit, Combination. M. Harris. Des. 94,895; Mar. 19.
 Clock case. J. M. Bars. Des. 94,868; Mar. 19.
 Clock case. J. M. Bars. 97,453; Nov. 12.
 Clock case. J. M. Bars. 97,753; Dec. 10.
 Clock case. F. R. Borgfeldt. Des. 94,325; Jan. 15.
 Clock-case. E. L. Carlson. 96,446; Aug. 6.
 Clock case. O. Ciccarelli. Des. 94,538; Feb. 12.
 Clock-case. D. S. Ingraham. 96,474; Aug. 6.
 Clock case. I. W. Kokins. 97,488; Nov. 12.
 Clock case. B. E. Lawrence. 95,360; Apr. 23.
 Clock case. E. J. Lux. 97,494; Nov. 12.
 Clock case. E. J. Lux. 97,775; Dec. 10.
 Clock case. A. E. Northrup. 97,204; Oct. 15.
 Clock case. R. E. Patten. Des. 94,560-1; Feb. 12.
 Clock case. R. E. Patten. 96,410; July 30.
 Clock case. R. E. Patten. 97,780-2; Dec. 10.
 Clock case. S. Pond. Des. 94,774; Mar. 5.
 Clock case. J. A. Reinhardt. 96,337; July 23.
 Clock case. M. Schlenker. 95,188-9; Apr. 16.
 Clock case and dial, Combined. H. F. Lux. 95,184; Apr. 16.
 Clock case or similar article. J. Gottlieb. Des. 94,829; Mar. 12.
 Clock or similar article. O. Ciccarelli. 96,020-1; June 25.
 Clock, World. L. S. Harrison. 95,205; Apr. 16.
 Closet, Water. J. R. Morgan. 95,209-10; Apr. 16.
 Closure for containers or similar article. H. L. Van Doran and C. K. Ellsworth. 95,877; June 4.
 Cloth cutter. N. Ross. Des. 94,991; Mar. 26.
 Cloth measuring machine. G. S. Rosborough. Des. 94,441; Jan. 29.
 Cloth, Woven mesh. L. B. Gallagher. 97,523; Nov. 19.
 Clothes and hat holder, Combination. E. L. Whenham. 96,361; July 23.
 Clothespin. W. K. McBrier. 96,846; Sept. 10.
 Clothespin or similar article. E. Reynolds. 95,545; May 7.
 Coal and wood burning heater. K. E. Ehret. Des. 94,195; Jan. 1.
 Coaster. K. Brown. 96,528; Aug. 13.
 Coaster and ash tray, Combination. L. C. Fe Bland. 95,124; Apr. 9.
 Coat. M. Miller. 95,909; June 11.
 Coat. A. Sisselman. 96,421; July 30.
 Coat garment. S. A. Jamieson. 95,833; June 4.
 Coat, House. S. Lobel. 96,399; July 30.
 Coat, Lady's. S. Krull. Des. 95,047; Apr. 2.
 Coat, Lady's. S. Krull. 95,182; Apr. 16.
 Coat, Lady's. S. Krull. 95,271; Apr. 16.
 Coat, Lady's. H. Mandelbaum. 95,185; Apr. 16.
 Coat, Lady's. H. Mandelbaum. 95,275; Apr. 16.
 Coat, Lady's. L. Schneider. 96,701; Aug. 27.
 Coat, Lady's. A. Sisselman. 95,714; May 21.
 Coat, Suit. I. Tomkin. 97,963; Dec. 24.
 Cocktail shaker top or similar article. S. Shapiro. 96,628; Aug. 20.
 Coffee infusion device. M. Felix. Des. 94,381; Jan. 22.
 Coffee making apparatus. F. C. Ehrenreich. Des. 94,194; Jan. 1.
 Coffepot. A. Brenneman. 95,800; June 4.
 Coffepot. C. Kaiser. 95,753; May 28.
 Coffepot. F. S. Trumbull. 97,445; Nov. 5.
 Coffepot, Drip. A. Brenneman. 95,799; June 4.
 Coffepot, Drip. R. F. Krause. Des. 94,428-9; Jan. 29.
 Coffepot or like article. H. F. Wood. 95,885; June 4.
 Coffee server. R. G. Cowan. 97,920; Dec. 24.
 Coffee urn. I. D. Richheimer. Des. 95,068; Apr. 2.
 Coffee urn or similar article. A. J. Ackerman. 97,658; Dec. 3.
 Coffee urn or similar article. A. J. Ackerman. 97,976; Dec. 31.
 Coffin handle. L. J. Clark. 97,323; Oct. 29.
 Coffin handle. L. J. Clark. 97,910-12; Dec. 24.
 Coffin handle. J. Jamieson. 97,937; Dec. 24.
 Coil, Heating. V. W. Moray. 95,533; May 7.
 Coin-bank or similar article. C. Collier. 97,919; Dec. 24.
 Coin slot device. A. Dahlstrom and P. N. Nelson. Des. 95,022; Apr. 2.
 Collar holder. L. E. Baer. Des. 94,460; Feb. 5.
 Collar holder. A. C. Braun. 97,377-8; Nov. 5.
 Collar holder. K. C. Rupp. Des. 94,237; Jan. 1.
 Collar, Shirt. S. F. Garfein. Des. 94,826; Mar. 12.
 Colonic therapeutic apparatus. H. E. Dierker. 96,534; Aug. 13.
 Colposcope or an analogous article. H. O. Maryan. 96,194; July 9.
 Column, Safety zone. G. Littleford. 96,126; July 2.
 Comb. O. B. Carson. 96,366; July 30.
 Comb. O. B. Carson. 97,116; Oct. 8.
 Comb. A. Wewetzer. 96,792; Sept. 3.
 Combination instrument case. H. B. Brown. 97,590; Nov. 26.
 Comfortable. J. Goodstein. 95,174; Apr. 16.
 Comforter. S. Pristaw. 98,016; Dec. 31.
 Compact. H. L. Berinstein. 97,836; Dec. 17.
 Compact case. C. H. Whitlock. 96,211; July 9.
 Composite container. J. W. Scully. 97,441; Nov. 5.
 Compressor, Rotary. J. C. Buchanan and E. F. Hubacker. Des. 94,423; Jan. 15.
 Condiment holder. B. O. Keister. Des. 94,695; Feb. 26.
 Condiment set or the like. S. Haslam. 96,605; Aug. 20.
 Confection, Frozen. H. W. Hahn. 95,570; May 7.
 Confection or similar article, Frozen. H. W. Law. 96,614; Aug. 20.
 Confection with supporting stick. N. F. Lucke. Des. 94,770; Mar. 5.
 Console heater. P. Brinckerhoff. 95,577; May 14.
 Container. C. R. Underwood. Des. 94,641; Feb. 19.
 Container and mirror, Combination lipstick. G. E. Ball. 96,886; Sept. 17.
 Container closure. G. W. Booth. Des. 94,422; Jan. 15.
 Container closure. B. F. Conner. 97,465; Nov. 12.
 Container closure. W. F. Schmalz. 97,507; Nov. 12.
 Container food warmer or similar article, Multiple. H. F. Reichenbach. Des. 94,568; Feb. 12.
 Container for fragile articles. F. H. Sherman. 95,290-1; Apr. 16.
 Container for ice cream, Edible. S. Dobrzanski. Des. 94,667; Feb. 26.
 Container for jewelry or other articles, Display. J. Guttman. 96,468; Aug. 6.
 Container for nail polish manicure set. M. Schnefel. 95,866; June 4.
 Container for toilet goods articles. A. B. Schneider. Des. 94,364; Jan. 15.
 Container or similar article. W. E. Garvey. Des. 94,827; Mar. 12.
 Container or similar article, Glass. M. Giacchetti. Des. 94,674; Feb. 26.
 Container or similar article, Liquid. R. A. Weissborn. Des. 95,099; Apr. 2.
 Container unit, Food. L. H. Scurlock. 95,384-6; Apr. 23.
 Container unit, Food. L. H. Scurlock. 97,099; Oct. 1.
 Container, Vanity. G. H. Beck. 95,889; June 11.
 Contract blank. T. E. Sturdevant. Des. 94,247; Jan. 1.
 Cooker or similar article, Table. A. J. Ackerman. 97,660; Dec. 3.
 Cooky. O. Hanson. 95,341-4; Apr. 23.
 Cooky. F. C. Werner. 95,784; May 28.
 Cooky. F. C. Werner. 96,210; July 9.
 Corduroy fabric. A. T. Herron. 95,036; Dec. 31.
 Correspondence rack. L. Guild. Des. 94,204; Jan. 1.
 Corsetette. J. F. Greig. 95,502; May 7.
 Cosmetic box. C. Weeks. 97,724; Dec. 5.
 Cosmetic container. E. S. Irelan. Des. 94,753-4; Mar. 5.
 Cosmetic container. E. E. Kahn and L. Kanner. Des. 94,351; Jan. 15.
 Cosmetic container. A. Wewetzer. 97,368; Oct. 29.
 Cosmetic display stand. G. Horter and E. N. Brown. 97,193; Oct. 15.
 Cottage. Three room canvas. J. L. and R. N. Morris. 96,196; July 9.
 Couch and pillow, Combined. H. I. Freedman. 96,379; July 30.
 Couch or the like. J. W. Bowersox. 96,013-14; June 25.
 Couch, Studio. M. Lipps. Des. 94,228; Jan. 1.
 Couch, Studio. A. J. Schob. Des. 95,078; Apr. 2.
 Counter or similar article, Bar back. A. Lebensfeld. 96,923-4; Sept. 17.
 Counter stand. G. Hellborn. Des. 94,759; Mar. 5.
 Cover for an electric switch casing or the like. R. A. Millermaster. 96,333; July 23.
 Cover for an instrument casing. D. R. Dohner. Des. 95,023; Apr. 2.

- Cover for crank opening in an automobile radiator. H. Golden. 95,408; Apr. 30.
- Cover for spare wheels and tires of automobile vehicles. O. U. Zerk. 97,966; Dec. 24.
- Covering for a billfold or similar article. O. Halvorsen. 97,061; Oct. 1.
- Cravat and pencil holder, Combination. J. O. Pollack. 97,501; Nov. 12.
- Cravat holder. L. E. Bear. 97,752; Dec. 10.
- Cravat holder. H. Klindt. 95,433; Apr. 30.
- Cravat holder. B. B. Manaster. 97,883; Dec. 17.
- Cravat holder. J. O. Pollack. 96,054; June 25.
- Cravat holder. E. H. Woolnough. 96,880; Sept. 10.
- Cravat or necktie clip. F. D. Johnson. Des. 94,425; Jan. 29.
- Creamer. J. B. Clark. 97,909; Dec. 24.
- Creamer. C. Kaiser. 95,748; May 28.
- Creamer. C. Kaiser. 95,754; May 28.
- Creamer or similar article of hollow ware. A. J. Ackerman. 97,978; Dec. 31.
- Crown block. E. Burns and H. P. Wickersham. 97,115; Oct. 8.
- Crucifix. H. A. Schwennesen. 97,686; Dec. 3.
- Crucifix, Neon shrine. S. Lucchesi. 96,557; Aug. 13.
- Crucifixion cross or similar article. B. E. Puciloski. 95,983; June 18.
- Cuff link. C. P. Guerin. 97,551; Nov. 19.
- Cup. V. Broomhall and H. A. Smith. 96,722; Sept. 3.
- Cup. R. G. Cowan. 97,119; Oct. 8.
- Cup. C. Kaiser. 95,751; May 28.
- Cup. B. Kogan. Des. 94,915; Mar. 19.
- Cup, Edible. H. Dicker. 95,899; June 11.
- Cup holder. W. D. Teague. Des. 94,524; Feb. 5.
- Curtain. S. Appelbaum. 95,168; Apr. 16.
- Curtain. H. Gellar. Des. 94,748; Mar. 5.
- Curtain. H. Gellar. Des. 94,882; Mar. 19.
- Curtain. H. Gellar. 96,539; Aug. 13.
- Curtain. F. Gentner. 95,678; May 21.
- Curtain. S. Libou. 95,695-6; May 21.
- Curtain fabric. F. Gentner. 96,655-6; Aug. 27.
- Curtain fabric. F. Gentner. 96,738-9; Sept. 3.
- Curtain fabric. F. Gentner. 97,272-3; Oct. 22.
- Curtain fabric. F. Gentner. 97,434-5; Nov. 5.
- Curtain fabric. J. Meyer. 97,199; Oct. 15.
- Curtain or similar article. G. F. Erhard. 97,930; Dec. 24.
- Curtain retainer or similar article. G. H. McEntire. 96,403; July 30.
- Curtain ruffle or similar article. I. Poulin. Des. 94,775; Mar. 5.
- Cut-out figure or the like. A. B. Collins. Des. 94,261; Jan. 8.
- Cycle saddle seat. R. W. Faulhaber. 97,734; Dec. 3.
- Cycle saddle seat. H. M. Pryae. 96,500; Aug. 6.
- Cycle saddle seat. H. L. Van Doren and J. G. Rideout. 97,343; Oct. 29.
- Cycle, Water. L. L. Custer. 96,906; Sept. 17.
- Dauber. H. E. Smith. Des. 95,089; Apr. 2.
- Decanter or similar article. E. Stahl. 95,872; June 4.
- Decorative box. J. B. Guttman. 96,601; Aug. 20.
- Decorative light. A. Abramson. 96,362; July 30.
- Decorative light. A. Abramson. 96,795; Sept. 10.
- Dental unit. O. H. and A. F. Pieper. 96,775; Sept. 3.
- Desk. B. E. Richardson and R. W. Wiley. 96,415; July 30.
- Desk and chair, Combination. A. Mintz. 97,086; Oct. 1.
- Desk, Combined writing and typewriting. M. S. Stevenson. 96,518; Aug. 6.
- Desk or similar article. W. E. Kidd. Des. 94,905; Mar. 19.
- Desk unit, Combined. H. Tiedemann. 96,709; Aug. 27.
- Dial and hands for a clock or similar article, Combined bezel. G. M. Buehrig. 97,036; Oct. 1.
- Dial, Clock. G. J. King. 96,876; Aug. 27.
- Dial, Signal and code. A. Opler. 95,980; June 18.
- Dial Watch. A. Blumstein. 96,642; Aug. 27.
- Diaper, Rubber. K. Heitler. 95,253; Apr. 16.
- Dish. N. Bel Geddes. 95,573; May 14.
- Dish. L. Guild. 95,244; Apr. 16.
- Dish. E. L. Snyder. 95,935; June 11.
- Dish and tray, Combined. J. and M. Heller. 96,548; Aug. 13.
- Dish, Combined mint and nut. R. L. Gerth. 96,740; Sept. 3.
- Dish, Glass. E. Worthington. 97,693-4; Dec. 3.
- Dish, Glass. E. Worthington and F. Williams. 97,108-9; Oct. 1.
- Dish or similar article, Combined baking and serving. E. A. Farr. 97,472; Nov. 12.
- Dish, Serving. L. Guild. 95,132; Apr. 9.
- Dishwashing machine. O. K. Cox. 95,806; June 4.
- Disk wheel. C. L. Eksbergian. Des. 94,735; Mar. 5.
- Dispenser for cups or the like. P. A. Lobel. 95,597; May 14.
- Dispensing container. L. A. Dunne. Des. 94,814; Mar. 12.
- Dispensing device. A. V. Shipman. 97,002; Sept. 24.
- Dispensing machine. F. W. Hoban. 95,207; Apr. 16.
- Display box. E. Goldberg. 97,186; Oct. 15.
- Display device. L. A. Carter. 97,907; Dec. 24.
- Display rack. N. E. Heil. 95,955; June 18.
- Display rack. R. M. Koch. 97,137; Oct. 8.
- Display rack. A. E. Ritchie. Des. 94,924; Mar. 19.
- Display sign. H. Hammer. 96,182; July 9.
- Display sign. H. W. Holland. 96,835; Sept. 10.
- Display stand. G. H. Beck. 96,641; Aug. 27.
- Display stand. A. Botham. 96,808; Sept. 10.
- Display stand. F. McIntosh. Des. 94,504; Feb. 5.
- Display stand. M. L. Perentz. 95,232; Apr. 16.
- Display stand. J. E. Roach. 97,683; Dec. 3.
- Display stand. A. A. Wright. 96,291; July 16.
- Display stand and container for toilet accessories, Combined. C. S. Gage. Des. 94,200; Jan. 1.
- Doily. R. J. and G. A. Hutt. 96,040; June 25.
- Doily. R. J. and G. A. Hutt. 96,387; July 30.
- Doily. E. Karfiol. 95,181; Apr. 16.
- Doily. E. Karfiol. 96,116-17; July 2.
- Doll. M. Goldman. 96,382; July 30.
- Doll. C. Katagiri. 97,329; Oct. 29.
- Doll. E. B. Ley. 96,769; Sept. 3.
- Doll baby. A. L. Gaba. 97,931; Dec. 24.
- Doll, Clown-type. J. Coyle. 96,531; Aug. 13.
- Doll house and yard, Combined folding. E. E. Saxton. 95,618; May 14.
- Doll lamp. C. M. Terrell and L. Binder. 97,021; Sept. 24.
- Doll, Match box. M. P. Flynn. Des. 94,741; Mar. 5.
- Doll, Novelty. W. A. Carter. 97,221; Oct. 15.
- Doll or similar article, Character. E. J. Rogers. 95,548; May 7.
- Doll, Rag. L. H. Plauché. 97,092; Oct. 1.
- Door. K. B. Bemis. Des. 94,531; Feb. 12.
- Door handle. G. D. Lindstrom and E. North. 95,529; May 7.
- Door handle. F. C. Ruppel. 97,208; Oct. 15.
- Door knocker. F. W. Nightingale. Des. 94,557; Feb. 12.
- Doughnut lifter. C. A. Burge. 96,090; July 2.
- Draft yoke. W. C. McMahan. 96,847; Sept. 10.
- Drafter for dishes. H. J. Watral. 97,654; Nov. 26.
- Drawer pull. L. A. Jiranek. Des. 94,834; Mar. 12.
- Drawer pull. R. H. Martin. 96,330-2; July 23.
- Drawer pull. R. H. Martin. 97,080-1; Oct. 1.
- Drawer pull. N. E. Williams. 96,878; Sept. 10.
- Dress. A. Antman. Des. 94,179-81; Jan. 1.
- Dress. D. Beilinson. Des. 94,941; Mar. 26.
- Dress. B. Casabona. Des. 95,016; Apr. 2.
- Dress. B. Casabona. 95,222; Apr. 16.
- Dress. J. L. Caston. 95,223; Apr. 16.
- Dress. O. Conrad. Des. 94,663; Feb. 26.
- Dress. O. Conrad. Des. 94,733; Mar. 5.
- Dress. O. Conrad. 95,225; Apr. 16.
- Dress. M. Croizat. 97,120-1; Oct. 8.
- Dress. M. Croizat. 97,266; Oct. 22.
- Dress. M. Extract. 96,960-3; Sept. 24.
- Dress. H. E. Foss. 95,125; Apr. 9.
- Dress. F. Giordano. 96,305; July 23.
- Dress. J. Goldman. Des. 94,751; Mar. 5.
- Dress. A. Goodman. 95,130; Apr. 9.
- Dress. A. Goodman. 95,241; Apr. 16.
- Dress. A. Goodman. 96,662; Aug. 27.
- Dress. A. Goodman. 97,052; Oct. 1.
- Dress. J. Greenberg. 97,007; Sept. 24.
- Dress. A. Greenspan. 96,967-9; Sept. 24.
- Dress. A. Greenspan. 97,849; Dec. 17.
- Dress. M. Gross. 96,383; July 30.
- Dress. P. Heit. 95,508; May 7.
- Dress. R. Hubert. 98,038; Dec. 31.
- Dress. C. Jaccarino. 97,071; Oct. 1.
- Dress. J. Kirschner. 95,838; June 4.
- Dress. L. N. Klein. 95,266; Apr. 16.
- Dress. B. Lahn. Des. 94,841; Mar. 12.
- Dress. B. Lahn. Des. 94,976; Mar. 26.
- Dress. B. Lahn. 95,759; May 28.
- Dress. C. W. La Ruea. 96,398; July 30.
- Dress. Y. Levy. 97,297; Oct. 22.
- Dress. Y. Levy. 97,943; Dec. 24.
- Dress. Y. Levy. 98,011; Dec. 31.
- Dress. H. D. Lyttie. Des. 94,979-80; Mar. 26.
- Dress. I. Meltzer. Des. 94,505; Feb. 5.
- Dress. M. Mondschein. 96,688; Aug. 27.
- Dress. M. Mondschein. 96,929-30; Sept. 17.
- Dress. M. Moskowitz. 96,931; Sept. 17.
- Dress. D. Platt. 95,186; Apr. 16.
- Dress. M. Porpora. 97,319; Oct. 22.
- Dress. D. W. Price. 97,503-4; Nov. 12.
- Dress. D. W. Price. 97,537; Nov. 19.
- Dress. D. W. Price. 97,972; Dec. 24.
- Dress. I. Rentner. Des. 95,067; Apr. 2.
- Dress. B. Rubin. 95,187; Apr. 16.
- Dress. M. Silverstein. 95,461; Apr. 30.
- Dress. R. B. Spiro. 98,020; Dec. 31.
- Dress. C. Weinberg. 95,942; June 11.
- Dress. I. A. Winter. 95,722; May 21.
- Dress. P. Zahn. 95,476; Apr. 30.
- Dress. S. Zahn. Des. 94,802-6; Mar. 5.
- Dress. S. Zahn. Des. 94,866; Mar. 12.
- Dress. S. Zahn. Des. 95,006-8; Mar. 26.
- Dress. S. Zahn. Des. 95,104-6; Apr. 2.
- Dress. S. Zahn. 95,195-6; Apr. 16.
- Dress. S. Zahn. 95,297-8; Apr. 16.
- Dress. S. Zahn. 95,477; Apr. 30.
- Dress. S. Zahn. 95,563-6; May 7.
- Dress. S. Zahn. 96,150-1; July 2.
- Dress. S. Zahn. 97,541-2; Nov. 19.
- Dress. S. Zahn. 97,975; Dec. 24.
- Dress and panties ensemble. L. J. Goldberger. 98,032-4; Dec. 31.
- Dress, Ensemble. L. Baum. 95,626; May 21.
- Dress, Ensemble. M. Bernstein. Des. 94,645-7; Feb. 26.
- Dress, Ensemble. M. Bernstein. Des. 94,725-9; Mar. 5.
- Dress, Ensemble. M. Bernstein. Des. 94,869; Mar. 19.
- Dress, Ensemble. S. Burstein. Des. 94,946; Mar. 26.
- Dress, Ensemble. P. Heit. Des. 94,966-72; Mar. 26.
- Dress, Ensemble. P. Heit. Des. 95,038; Apr. 2.
- Dress, Ensemble. P. Heit. 95,134; Apr. 9.

- Dress, Ensemble. P. Heit. 95,177; Apr. 16.
 Dress, Ensemble. P. Heit. 95,252; Apr. 16.
 Dress, Ensemble. J. Kirschner. 95,514; May 7.
 Dress, Ensemble. J. Kirschner. 95,757; May 28.
 Dress, Ensemble. J. Kirschner. 95,836-7; June 4.
 Dress, Ensemble. J. Kirschner. 95,839-42; June 4.
 Dress, Ensemble. J. Kirschner. 95,966; June 18.
 Dress, Ensemble. E. Kronman. Des. 94,840; Mar. 12.
 Dress, Ensemble. E. Schwartz. 97,684-5; Dec. 3.
 Dress, Ensemble. E. Schwartz. 97,718; Dec. 3.
 Dress, Ensemble. E. Schwartz. 97,866-70; Dec. 17.
 Dress, Ensemble. E. Schwartz. 97,960-1; Dec. 24.
 Dress, Ensemble. E. Schwartz. 98,017-19; Dec. 31.
 Dress, Ensemble. H. Schwartz. Des. 95,080-1; Apr. 2.
 Dress, Ensemble. E. N. Tunic. 96,945; Sept. 17.
 Dress, Ensemble. W. S. Woolfe. Des. 95,102; Apr. 2.
 Dress, Ensemble. S. Zahn. Des. 95,009; Mar. 26.
 Dress, Ensemble. S. Zahn. Des. 95,107; Apr. 2.
 Dress, Ensemble. S. Zahn. 95,998; June 18.
 Dress, ensemble. Maternity. I. Kranz. Des. 95,044; Apr. 2.
 Dress, Knitted. J. Guttman. Des. 94,479-81; Feb. 5.
 Dress, Knitted. J. Guttman. Des. 94,607; Feb. 19.
 Dress, Knitted. J. Guttman. Des. 94,757; Mar. 5.
 Dress, Knitted. J. Guttman. 96,913; Sept. 17.
 Dress, Knitted. J. Guttman. 96,970-3; Sept. 24.
 Dress or the like. A. F. Sandy. Des. 94,994; Mar. 26.
 Dress or the like, Ensemble. A. F. Sandy. Des. 95,076; Apr. 2.
 Dress or the like, Ensemble. A. F. Sandy. 95,458; Apr. 30.
 Dress trimming, Embroidered. E. Prazak. 96,336; July 23.
 Drinking fountain. L. C. Smith. Des. 94,366; Jan. 15.
 Drinking-glass holder. A. N. Lungren. 96,401; July 30.
 Drinking glass protector. J. C. Gambell. 97,347; Oct. 29.
 Drive handle for tools. A. L. Cornwell. 97,466; Nov. 12.
 Dropper shell or the like. W. D. Canaday. 96,814; Sept. 10.
 Drum section for heating stoves. W. H. Adams. 96,954; Sept. 24.
 Dust-bag, Suction cleaner. C. G. Frantz. Des. 94,196; Jan. 1.
 Dustpan. T. N. Badger. Des. 94,592; Feb. 19.
 Edible container. M. Kanfer and H. Bresnick. 95,137; Apr. 9.
 Elastic braid. O. E. Huber. 96,310-14; July 23.
 Electric heater. F. B. Adam. 95,301; Apr. 23.
 Electric heater for hair waving. H. Bonat. 96,012; June 25.
 Electric lamp. H. B. Dennis. Des. 94,191; Jan. 1.
 Electric power unit, Variable speed. G. T. Pfeiffer. 95,145; Apr. 9.
 Electric range or similar article. M. L. Goldberg. 96,306; July 23.
 Electric sign. J. A. Howenstine. 96,672; Aug. 27.
 Electric transformer. J. E. Comstock. 97,760; Dec. 10.
 Electrode housing. L. F. Hobert. Des. 94,609; Feb. 19.
 Electron discharge device. G. M. Rose, Jr. Des. 94,315-16; Jan. 8.
 Electron discharge device. B. Salzberg. Des. 94,363; Jan. 15.
 Electron discharge device. T. M. Shrader. 96,061; June 25.
 Electron discharge device. N. R. Smith. 96,062; June 25.
 Emblem. D. C. Rockola. Des. 94,710; Feb. 26.
 Emblem for articles of apparel. C. Emmey. 96,732; Sept. 3.
 Emblem key. C. F. Cwazka. 97,122; Oct. 8.
 Emblem or similar article. M. E. Schwalbe. 95,932; June 11.
 Emblem or similar article for wearing apparel, Appliqué. C. Emmey. 97,699-708; Dec. 3.
 Emblem or similar article for wearing apparel, Appliqué. C. Emmey. 97,804-6; Dec. 10.
 Embroidered fabric. L. A. Silk. 97,619; Nov. 26.
 Embroidered fabric. L. A. Silk. 97,651; Nov. 26.
 Envelope or similar container. E. Zupnik. 96,951; Sept. 17.
 Eraser. J. Meilner. 95,769; May 28.
 Eraser and brush, Combination. L. A. Rathbun. 97,973; Dec. 24.
 Escutcheon. W. E. Salyards, Jr. 96,561; Aug. 13.
 Escutcheon plate and door latch front, Combined. J. B. Reynolds. Des. 94,439; Jan. 29.
 Escutcheon plate or the like. J. B. Reynolds. Des. 94,440; Jan. 29.
 Exerciser. O. Stam. 97,721; Dec. 3.
 Extinguisher. Fire. P. Evans. 95,902; June 11.
 Eyeglass bridge. F. H. Soden. 95,869; June 4.
 Eyeshade. F. S. Lee. 97,489; Nov. 12.
 Eyeshield. E. Hilgert. 97,287; Oct. 22.
 Fabric and making same, Compound ventilated. A. A. Glidden and V. H. Bodie. Des. 19,494; Mar. 12.
 Fabric or similar article, Curtain. G. F. Erhard. 96,371-2; July 30.
 Fabric or similar article, Knitted. A. H. E. Stabenow. 97,444; Nov. 5.
 Fabric or similar article, Woven. H. Leber. 96,555; Aug. 13.
 Face plate for motor signals. J. R. C. Andrews. 97,887; Dec. 24.
 Face plate for signs. C. B. Drake. Des. 94,668-9; Feb. 26.
 Face powder container. R. E. Hankar. 96,604; Aug. 20.
 Facial support. F. L. Brown. 95,729; May 28.
 Fan. R. C. Epworth. 96,825; Sept. 10.
 Fan. L. B. Koch. 96,122; July 2.
 Fan, Electric. W. A. Spear. Des. 95,091; Apr. 2.
 Fanciful figure or similar article. C. W. Magill. Des. 94,701; Feb. 26.
 Fare box. F. D. Pitt. Des. 94,987; Mar. 26.
 Faucet. O. G. Hitchcock. Des. 94,760; Mar. 5.
 Faucet. J. Robinovitz. 96,625; Aug. 20.
 Faucet. J. Tjaarda. 98,043; Dec. 31.
 Faucet or the like, Liquid dispensing. C. Chambers. 96,816; Sept. 10.
 Faucet, soap dish, and filter, Combined. W. R. Johnston. 96,839; Sept. 10.
 Fecal receptacle. B. F. Kapp and J. B. Craft. 96,674; Aug. 27.
 Fence. C. T. Porter. Des. 94,852; Mar. 12.
 Fender apron. G. F. Bahr. 96,806; Sept. 10.
 Figure or similar article, Fanciful. C. A. Van Evera. 96,357; July 23.
 Figure or similar article, Female child. C. A. Van Evera. 96,356; July 23.
 File or analogous article, Desk. A. Estrella. 96,826; Sept. 10.
 Finger ring. T. Balf. 96,526; Aug. 13.
 Finger ring. J. Boehme. 95,172; Apr. 16.
 Finger ring. H. Bolotin. 97,666; Dec. 3.
 Finger ring. D. F. Ebbert. 95,123; Apr. 9.
 Finger ring. F. A. Fasking. Des. 94,737-9; Mar. 5.
 Finger ring. F. P. Kinsley. 95,269-70; Apr. 16.
 Finger ring. J. M. H. Le Bolt. 95,914; June 11.
 Finger ring. G. Palisson. Des. 94,772; Mar. 5.
 Finger ring. A. Sager. 96,056; June 25.
 Finger ring. A. Sager. 97,096; Oct. 1.
 Fish lure. O. Christiansen. 96,092; July 2.
 Fishing rod handle. J. S. Burdick. Des. 94,807; Mar. 12.
 Flame pad. I. D. Richheimer. 97,336; Oct. 29.
 Flash light. H. M. Price. Des. 95,065; Apr. 2.
 Flash light and umbrella handle or similar article, Combined. S. Osterman. 96,050-1; June 25.
 Flask. F. E. Ball. Des. 94,462; Feb. 5.
 Flask. A. L. Key. 95,261; Apr. 16.
 Flask, Denture. F. S. Trusler. 97,964; Dec. 24.
 Flatiron. H. C. Genter and J. S. Ness. Des. 94,201; Jan. 1.
 Flatiron. J. Koehl. 97,352; Oct. 29.
 Flatiron, Electric. G. Waage. 96,070; June 25.
 Flower holder. A. A. Houghton, Jr. 96,552; Aug. 13.
 Flower holder. M. E. Perry. 96,932; Sept. 17.
 Flower holder. L. P. Weil. 96,435; July 30.
 Flower holder. L. P. Weil. 97,315; Oct. 22.
 Flower holder. L. P. Weil. 97,365-7; Oct. 29.
 Flowerpot. J. Wright. 97,965; Dec. 24.
 Flowerpot and bracket therefor, Combined hanging. S. Cantor. Des. 94,467; Feb. 5.
 Flowerpot and support therefor, Combined. S. Cantor. Des. 94,335; Jan. 15.
 Flowerpot holder. J. Burstlinger. 95,400; Apr. 30.
 Flower receptacle. M. C. Rau. 97,093; Oct. 1.
 Flower stand. S. Cantor. Des. 94,812; Mar. 12.
 Flower support. A. Cooperstein. Des. 95,021; Apr. 2.
 Flushing valve. J. M. Teahen. Des. 94,288; Jan. 8.
 Folding door handle. L. Segar. 97,148; Oct. 8.
 Font of type. A. A. Lister and W. Hagen. 96,323; July 23.
 Food container unit. L. H. Scurlock. Des. 94,782; Mar. 5.
 Food mixing apparatus. H. L. Johnston. 95,352; Apr. 23.
 Food service set. A. G. Posey. 98,015; Dec. 31.
 Fork or similar article. P. B. Ball. 95,113; Apr. 9.
 Fork, Sanitary. M. Tecca. 96,855; July 23.
 Frame body for a velocipede, Rear. B. J. Anderson. 95,214; Apr. 16.
 Front plate for a coin controlled machine casing. T. W. B. Watling. Des. 94,719; Feb. 26.
 Front plate for the head of a coin controlled machine casing. T. W. B. Watling. Des. 94,718; Feb. 26.
 Fruit juice extractor. J. M. Majewski, Jr. 98,012; Dec. 31.
 Game apparatus. B. Bean. 97,372; Nov. 5.
 Game apparatus. H. G. Breitenstein. Des. 94,326; Jan. 15.
 Game apparatus. H. G. Breitenstein. Des. 94,595; Feb. 19.
 Game apparatus. H. P. Compton and L. Solomon. 95,804; June 4.
 Game apparatus. F. A. Drake. 96,907; Sept. 17.
 Game apparatus. L. M. Gibbs. 95,584; May 14.
 Game apparatus. A. T. Joze. 96,917; Sept. 17.
 Game apparatus. E. J. Wohlfeld. 95,474-5; Apr. 30.
 Game apparatus and vending machine, Combined. M. Schu. 95,990; June 18.
 Game apparatus, Amusement. C. E. Hoagland. Des. 94,973; Mar. 26.
 Game apparatus, Amusement. J. A. Sturm. 96,941; Sept. 17.
 Game apparatus for pin ball games. H. G. Breitenstein. 97,321; Oct. 29.
 Game board. R. J. Byrnes. 95,895; June 11.
 Game board. D. G. Cambell and D. R. Wiser. Des. 94,466; Feb. 5.
 Game board. J. Cipyak. Des. 94,469; Feb. 5.
 Game board. E. L. Crawford. 95,666; May 21.
 Game board. G. Ellison. 96,027; June 25.

- Game board. H. C. Guetschoff. 96,384; July 30.
 Game board. H. E. Jackman. Des. 94,901; Mar. 19.
 Game board. W. A. Merrill. 98,013; Dec. 31.
 Game board. G. Nieminen. Des. 95,060; Apr. 2.
 Game board. B. R. Nyhagen. 97,951; Dec. 24.
 Game board. T. Thomsen. Des. 94,289; Jan. 8.
 Game board. W. A. Tratsch. Des. 94,714; Feb. 26.
 Game board, Amusement. F. K. Maitland. 95,852; June 4.
 Game board, Backgammon. O. B. Lord. 97,078; Oct. 1.
 Game board for pin ball games. H. G. Breitenstein. 95,893; June 11.
 Game board or similar article. C. C. Lutes. 96,492; Aug. 6.
 Game board or similar device. H. Schwartz. 96,060; June 25.
 Game board, Pin. K. C. Shyvers. 96,629; Aug. 20.
 Game device. I. M. Dunwoody. 97,991; Dec. 31.
 Game device. S. Matyas. Des. 94,918; Mar. 19.
 Game device. T. Pratt. Des. 94,622; Feb. 19.
 Game device. K. C. Shyvers. 96,516; Aug. 6.
 Game device. F. C. Wachs. Des. 95,095; Apr. 2.
 Game device. D. H. Wiggins and W. V. Anderson. Des. 94,253; Jan. 1.
 Game device, Pin board. A. S. Moorman. 95,920; June 11.
 Game of skill, Apparatus for a. De H. G. Scrantom and L. H. Nyhagen. 97,563; Nov. 19.
 Game piece. G. Saxmann. Des. 94,634; Feb. 19.
 Game pin or similar article. H. F. Kohaut. 98,005; Dec. 31.
 Game scoring board, Card. W. A. O'Brien. 95,922; June 11.
 Game scoring device. W. L. Mann. 95,766; May 28.
 Game table. H. L. Feldblet and O. Goldberger. 97,183; Oct. 15.
 Games, Baseball target. W. C. Otto. 97,409; Nov. 5.
 Gaming machine case. L. H. Amrine. Des. 94,937; Mar. 26.
 Garment, Child's. M. N. Shaffer. 96,781; Sept. 3.
 Garment hanger. G. J. Bachmeyer. 97,696; Dec. 3.
 Garment, Lady's sport. M. A. Pletzsch. 97,863; Dec. 17.
 Garment, Negligee. E. Kateb. Des. 94,612; Feb. 19.
 Garment or similar article, Sleeping. L. Davis. 95,488; May 7.
 Gas conversion process, Natural. M. P. Youker. Des. 19,500; Mar. 12.
 Glass, Drinking. D. Deskey. 97,594-7; Nov. 26.
 Glass, Drinking. C. M. Marquot. Des. 94,553; Feb. 12.
 Glass, Sheet. M. A. M. J. Galliano. 97,318; Oct. 12.
 Glassware or similar article, Article of. R. A. May. 97,082; Oct. 1.
 Glass, Whisky. F. L. Fenton. 95,903; June 11.
 Glass, Wine. J. G. Green. 95,501; May 7.
 Glider. H. H. Goldberg. 95,409; Apr. 30.
 Glider. J. G. Rideout. Des. 94,990; Mar. 26.
 Glider. M. B. Smith. Des. 94,997-8; Mar. 26.
 Glider. J. C. Ward, Jr. 96,286; July 16.
 Glider frame. H. H. Goldberg. 95,410; Apr. 30.
 Globe. R. F. Schleicher. 96,626; Aug. 20.
 Globe, Lantern. S. Mimura. 95,444-5; Apr. 30.
 Glove. E. Breath. 97,257; Oct. 22.
 Glove. M. Crandall. 95,665; May 21.
 Glove. J. J. Fox. 96,104; July 2.
 Glove. J. J. Fox. 96,234; July 16.
 Glove. J. J. Fox. 97,764-5; Dec. 10.
 Glove. I. K. Hessberg. 95,684; May 21.
 Glove. G. U. Larom. Des. 95,048; Apr. 2.
 Glove. G. U. Larom and A. J. Russo. 95,913; June 11.
 Glove. W. E. Meyers. 97,885-6; Dec. 17.
 Glove. L. Postman. 97,502; Nov. 12.
 Glove. L. Postman. 97,821; Dec. 10.
 Glove. L. Postman. 97,953; Dec. 24.
 Glove. P. Strauss. 95,467; Apr. 30.
 Glove. R. C. Zuckerwar. Des. 94,867; Mar. 12.
 Glove, Lady's. O. G. Goodhand. 95,742; May 28.
 Glove, Lady's. E. M. Screaten. Des. 94,712; Feb. 26.
 Goblet or similar article. E. B. Bedford and M. P. Fleming. 97,755; Dec. 10.
 Goblet or similar article. A. J. Bennett. Des. 95,011; Apr. 2.
 Goblet or similar article. A. J. Cunningham. 97,668-74; Dec. 3.
 Goblet or similar article. C. R. Kell. 96,119-21; July 2.
 Goblet or similar article. A. L. Kramer. 95,594; May 14.
 Goblet or similar article. W. C. McCartney. 95,366; Apr. 23.
 Golf ball. W. C. Burbank. Des. 94,403; Jan. 29.
 Golf club. K. Smith. 97,418; Nov. 5.
 Golf club head. J. Gourley. 95,819; June 4.
 Golf club head. C. G. Jansky. Des. 94,549-50; Feb. 12.
 Golf club head. C. G. Jansky. 96,478; Aug. 6.
 Gown. E. B. C. Wells. 97,626-7; Nov. 26.
 Grab bar and soap tray, Combined. J. D. Vail. 97,514; Nov. 12.
 Grill. F. R. Miller. Des. 94,508-9; Feb. 5.
 Grill, Electric. F. D. Chapman. 96,448; Aug. 6.
 Grille. F. R. Miller. Des. 94,232; Jan. 1.
 Grinder, Portable coffee. B. B. Cooper. 95,120; Apr. 9.
 Guard, Fan. J. H. Cohen. 97,118; Oct. 8.
 Guard, Push. F. L. Vernon. 95,717; May 21.
 Gun, Fender. J. H. Cohen. 95,803; June 4.
 Gun sight. W. C. Redfield. Des. 94,514; Feb. 5.
 Hæmometer casing. R. E. Kleff. 97,853; Dec. 17.
 Hair curler. E. E. Baldwin. 96,154; July 9.
 Hair curler. E. B. Gilleland. 97,479; Nov. 12.
 Hair drier, Electric. E. S. Preston. 96,624; Aug. 20.
 Hair drying apparatus. S. Grant. 96,744; Sept. 3.
 Hair drying machine. R. L. Stanley and A. G. Orear. 95,157; Apr. 9.
 Hair ornament. S. F. Kayn. 96,317; July 23.
 Hair waving heater, Permanent. F. V. Schleimer. 97,358; Oct. 29.
 Hair waving machine or similar article, Permanent. W. A. V. Thomsen and C. G. Gross. 96,145; July 2.
 Hair waving machine, Permanent. R. M. Keele. Des. 94,353; Jan. 15.
 Hair waving machine, Permanent. C. O. McIntosh. 97,335; Oct. 29.
 Hand bag. M. Cesario. Des. 94,871-3; Mar. 19.
 Hand bag. A. B. Deitsch. 97,730; Dec. 3.
 Hand bag. S. Herman. 96,549; Aug. 13.
 Hand bag. K. Kichu and S. Marino. 96,609; Aug. 20.
 Hand bag. G. Landberg. 97,645; Nov. 26.
 Hand bag. I. Lending. 96,681-5; Aug. 27.
 Hand bag. I. Lending. 96,767; Sept. 3.
 Hand bag. F. N. Lewis. 97,197; Oct. 15.
 Hand bag. H. L. Redman. 96,506; Aug. 6.
 Hand bag. K. Thucaky. 96,520; Aug. 6.
 Hand bag. K. Thucaky. 96,634; Aug. 20.
 Hand bag. O. J. Walinsky. Des. 94,929; Mar. 19.
 Hand bag. M. White. 95,392; Apr. 23.
 Hand bag case. O. J. Walinsky. 95,295; Apr. 16.
 Hand bag, Envelope. O. J. Walinsky. 95,391; Apr. 23.
 Hand bag frame. M. Markel. 97,974; Dec. 24.
 Hand bag, Lady's. J. Brenner. Des. 94,183; Jan. 1.
 Hand bag, Lady's. H. C. Cowles. 95,317; Apr. 23.
 Hand bag or similar article. T. Ball. 96,293; July 23.
 Hand-covering, Knitted. A. J. Friedlander. 95,498; May 7.
 Hand guard, Infant's. E. S. MacLeod. Des. 95,056; Apr. 2.
 Handkerchief. A. Finaly. 97,126; Oct. 8.
 Handle bail for suction cleaner or similar article. H. Dryfuss. 97,803; Dec. 10.
 Handle for a cocktail shaker or similar article. O. A. Menard. 97,950; Dec. 24.
 Handle for pans. R. F. Krause. Des. 94,697; Feb. 26.
 Handle or similar article. I. S. Keeler. 95,910; June 11.
 Handle or similar article. K. Rettich. Des. 94,989; Mar. 26.
 Handle or similar article. K. Rettich. 95,926; June 11.
 Handle or similar article. O. E. Uhlmann. Des. 94,795; Mar. 5.
 Handle or similar article. O. E. Uhlmann. Des. 95,002; Mar. 26.
 Handle or similar article for an automobile vehicle, Outside door. E. S. Carlson. Des. 94,407; Jan. 29.
 Handle or similar article for an automobile vehicle, Rear deck. E. S. Carlson. Des. 94,405-6; Jan. 29.
 Handle or similar article for an automotive vehicle, Rear deck. E. S. Carlson. Des. 94,408; Jan. 29.
 Handle or similar article for filing equipment and the like. K. Rettich. Des. 94,235; Jan. 1.
 Handle or similar article, Tool. W. F. Wise. 95,393; Apr. 23.
 Hat. B. Apfel. 97,219; Oct. 15.
 Hat. S. Apfel. 96,080; July 2.
 Hat. J. Cavanagh. 97,381; Nov. 5.
 Hat. I. Eisenberg. 96,026; June 25.
 Hat. T. Flaum. 96,100; July 2.
 Hat. O. Friedman. 95,505; June 11.
 Hat. S. Neger. 95,978; June 18.
 Hat. S. Scheuer. 96,058; June 25.
 Hat. S. Scheuer. 97,243; Oct. 15.
 Hat. L. K. Shore. 96,420; July 30.
 Hat. B. Workman. 95,997; June 18.
 Hatbox or similar article. J. Margulies. 96,130; July 2.
 Hat holder. W. B. Hay. 95,347; Apr. 23.
 Hat or similar article. H. Strawgate. 96,519; Aug. 6.
 Hat, Soft. J. N. Wolf. 97,540; Nov. 19.
 Heat exchanger. A. P. Livar. 97,333; Oct. 29.
 Heater. J. M. Audero. 96,798; Sept. 10.
 Heater. A. F. Craver. 96,905; Sept. 17.
 Heater. J. E. Goelich. 97,811; Dec. 10.
 Heater. H. F. Hadley. 95,743; May 28.
 Heater. H. F. Hadley. 97,814; Dec. 10.
 Heater. H. H. Heidebreder. 95,348; Apr. 23.
 Heater. A. Iannelli. Des. 94,611; Feb. 19.
 Heater. A. D. Olds. 96,049; June 25.
 Heater. R. W. Spake. 96,206; July 9.
 Heater casing, Electric. G. Steingruber. 97,003; Sept. 24.
 Heater casing, Radiating. L. D. Summers, Sr., and L. D. Summers, Jr. Des. 94,394; Jan. 22.
 Heater plug. G. B. Benander. 97,835; Dec. 17.
 Heel. J. B. Harris. 97,751; Dec. 3.
 Heel or similar article, Shoe. W. P. Harty. Des. 94,215-17; Jan. 1.
 Highway sign. A. Klotz. Des. 94,354; Jan. 15.
 Hinge. W. R. Lustig. 96,264-5; July 16.
 Hinge. E. W. North. 95,143; Apr. 9.
 Hinge for toilet seats and covers. V. W. Campbell. 96,723; Sept. 3.
 Hobby horse. N. J. Schaal. 96,203; July 9.
 Holder and illuminator, Combined dial telephone. D. E. Townner. 95,389; Apr. 23.
 Holder and pedestal therefor, Combined tank. R. M. Sherman and M. R. Knox. 97,307; Oct. 22.
 Holder and stocking form, Combined. H. Janssen. 96,258; July 16.

- Holder for cigarettes or the like. E. T. Schlender. Des. 94,781; Mar. 5.
- Holder for fishhooks. W. H. Heaton. 96,469; Aug. 6.
- Holder for jellies or the like. H. B. Dennis. 97,383; Nov. 5.
- Holder for light emitting members, Decorative. E. J. Graf. Des. 94,890; Mar. 19.
- Holder for shakers or the like. G. Madvig. 97,079; Oct. 1.
- Holder or article of similar nature, Ticket. R. A. Vogel. 95,192; Apr. 16.
- Holder or similar article, Envelope. E. F. Dorset. 96,730; Sept. 3.
- Holder or similar article, Flower. G. Madwig. 97,495-7; Nov. 12.
- Holder or similar article, Flower. J. P. Orben. 97,712; Dec. 3.
- Holder or similar article for filing equipment and the like, Label. K. Rettich. Des. 94,516; Feb. 5.
- Holder or similar article, Metallic flower. A. Cooperstein. Des. 95,019-20; Apr. 2.
- Hood for ironing machine or the like. R. A. Bradt. 97,546; Nov. 19.
- Hood for motor vehicles, Engine. M. C. Frins. 95,127; Apr. 9.
- Hopper and guard for vegetable shredding machines, Combined. N. Woody. 97,828; Dec. 10.
- Horse, Rocking. I. K. Nyland. 95,921; June 11.
- Horseshoe, Pitching. W. L. Isaacs. 96,476; Aug. 6.
- Hot pot holder. H. I. Snyder. 96,783; Sept. 3.
- Hydraulic diaphragm brake. J. A. De Vito. Des. 19,443; Jan. 29.
- Hydraulic jack. E. M. Pfauer. 97,562; Nov. 19.
- Hydraulic jack. R. W. Werner. 96,568; Aug. 13.
- Hydrometer. H. W. Eden. Des. 94,321; Jan. 8.
- Hydroplane. A. E. Martin. Des. 94,732; Mar. 5.
- Hygrometer or the like. C. A. Krantz. 95,434; Apr. 30.
- Ice cracker. M. S. Dunkelberger. 95,229; Apr. 16.
- Ice cream cone. J. Balton. 96,582; Aug. 20.
- Ice cream cone. S. S. Leaf. Des. 94,499-500; Feb. 5.
- Ice cream cup. J. Balton. 97,832; Dec. 17.
- Ice crusher. M. S. Dunkelberger. Des. 94,600; Feb. 19.
- Ice crusher. M. S. Dunkelberger. 96,369; July 30.
- Ice cube crusher. T. C. Christ. Des. 94,339; Jan. 15.
- Indicating instrument. H. W. Mitchell. 97,818; Dec. 10.
- Inhalant device. R. E. Linn. Des. 94,699; Feb. 26.
- Inhaler, Nasal. F. Lobl. 95,850; June 4.
- Inkwell. H. Langen. 97,077; Oct. 1.
- Insect electrocutor. C. E. Canning. 96,957; Sept. 24.
- Insect trap. A. Merdan. Des. 94,771; Mar. 5.
- Instrument case. H. B. Brown. Des. 94,648; Feb. 26.
- Instrument case. H. B. Brown. 95,200; Apr. 16.
- Instrument case. H. B. Brown. 96,297; July 23.
- Instrument case. H. B. Brown. 96,365; July 30.
- Instrument case. H. B. Brown. 97,379; Nov. 5.
- Instrument case. H. B. Brown. 97,838; Dec. 17.
- Instrument casing. F. W. Side and T. R. Harrison. Des. 94,285; Jan. 8.
- Instrument panel. J. Tjaarda. Des. 94,395; Jan. 22.
- Instrument table. O. E. Trautmann. 97,569; Nov. 19.
- Insulation block for electric terminals. E. A. Everett. Des. 94,344; Jan. 15.
- Insulator support and bracket for bus bars, Combined. H. H. Rudd. Des. 95,072; Apr. 2.
- Insulator support for bus bars, Multiple-unit. H. H. Rudd. Des. 95,071; Apr. 2.
- Iron and tray, Combined waffle. A. S. Knapp. 96,678; Aug. 27.
- Iron or similar article, Waffle. A. J. Ackerman. 97,661; Dec. 3.
- Ironer. R. E. Patten. Des. 94,558-9; Feb. 12.
- Ironing machine. A. W. Draeseke. 97,433; Nov. 5.
- Ironing machine, Domestic. D. W. Haney. Des. 95,037; Apr. 2.
- Ironing machine supporting frame. G. W. Walker. 96,148; July 2.
- Jack. G. G. Hein. 95,744; May 28.
- Jacket, Sport. H. Hedin. 97,062; Oct. 1.
- Jar. W. B. Adams. 95,888; June 11.
- Jar. W. B. Durant. 97,469; Nov. 12.
- Jar. B. D. Fuerst. 95,240; Apr. 16.
- Jar. E. W. Fuerst. Des. 94,198; Jan. 1.
- Jar. E. W. Fuerst. 95,674; May 21.
- Jar. E. W. Fuerst. 97,478; Nov. 12.
- Jar. E. W. Fuerst. 97,600; Nov. 26.
- Jar. E. W. Fuerst. 97,847; Dec. 17.
- Jar. C. L. Gaunt. 98,030; Dec. 31.
- Jar. F. O. Green. Des. 94,416; Jan. 29.
- Jar. L. P. Grey. 95,419; Apr. 30.
- Jar. A. I. Lorenzen. 97,774; Dec. 10.
- Jar. O. C. Noble. Des. 94,984; Mar. 26.
- Jar. F. Smith. Des. 94,783; Mar. 5.
- Jar. F. Smith. Des. 94,861; Mar. 12.
- Jar. F. Smith. 95,620; May 14.
- Jar. F. Smith. 97,102; Oct. 1.
- Jar. C. B. Stevens. 95,993; June 18.
- Jar. C. R. Tips. 97,791; Dec. 10.
- Jar, Cooky. C. Kaiser. 95,755; May 28.
- Jar, Cosmetic. C. Weeks. 97,723; Dec. 3.
- Jar, Covered. L. Guild. Des. 94,210-12; Jan. 1.
- Jar, Covered. L. Guild. 97,389; Nov. 5.
- Jar, Fish. M. S. Desser. 97,041; Oct. 1.
- Jar for a coffee infusion urn. M. Felix. 96,573; Aug. 13.
- Jar, Glass. F. J. Petty. 95,607; May 14.
- Jar, Marmalade. C. Kaiser. 95,835; June 4.
- Jar or similar container, Toilet accessory. C. H. Oestreich. 97,779; Dec. 10.
- Jar or similar container, Toilet accessory. C. H. Oestreich. 97,861; Dec. 17.
- Jar or similar receptacle. G. H. Beck. 97,373; Nov. 5.
- Jar or the like. F. Smith. 97,825; Dec. 10.
- Jar, Tomato juice. J. Petaja. 96,413; July 30.
- Jewelry display box. H. S. Scholes. 95,151; Apr. 9.
- Jewelry display case. L. Flier. 96,375; July 30.
- Jewelry display case. L. Flier. 97,006; Sept. 24.
- Jewelry display case. L. Flier. 97,709; Dec. 3.
- Jewelry display stand. F. C. Troll. 97,214; Oct. 15.
- Jewelry setting or similar article. F. Eichmuller. 97,845; Dec. 17.
- Jig-saw, card and fortune game device. L. P. Bambaci. 96,215; July 16.
- Jig-saw puzzle. H. A. Baltzer. Des. 94,323; Jan. 15.
- Jug. A. J. Calpha, Jr. Des. 94,333-4; Jan. 15.
- Jug. A. J. Calpha. Des. 94,404; Jan. 29.
- Jug. B. D. Fuerst. Des. 94,413; Jan. 29.
- Jug. A. S. Knapp. 96,990; Sept. 24.
- Jug. W. O. Prouty. 96,274; July 16.
- Jug. F. Smith. 96,142; July 2.
- Jug, Heat insulated. J. L. Hemp. 97,131; Oct. 8.
- Jug or similar article. J. S. Algeo. Des. 94,722-3; Mar. 5.
- Jug or similar container. J. M. Gayner. Des. 95,035; Apr. 2.
- Jumping horse. R. J. Joutas. Des. 94,767; Mar. 5.
- Kettle. E. R. Zettler. 95,621; May 14.
- Kettle, Steam jacketed. R. A. Anderson. 96,638; Aug. 27.
- Keyboard and neck for a stringed musical instrument, Combined. I. J. Hlad. 96,559; Aug. 13.
- Key container. J. Galter and A. Waller. Des. 94,880; Mar. 19.
- Key holder and bottle opener, Combined. M. E. Trollen. 97,570; Nov. 19.
- Key, Souvenir. H. Rubenstein. 97,242; Oct. 15.
- Keyboard plate for check writers. J. P. Hunter. 97,133; Oct. 8.
- Kit, Cosmetic pencil. O. E. Clarkson. Des. 94,540; Feb. 12.
- Kit, thread holder, and thread cutter, Combination sewing. L. S. Trumpler. Des. 95,000; Mar. 26.
- Kitchen cabinet unit or the like. G. R. Hilty. Des. 94,608; Feb. 19.
- Kite plane glider or similar article. U. B. Williams. Des. 95,101; Apr. 2.
- Knee pad. C. A. Judsen. 97,393; Nov. 5.
- Knife and board, Combined toast trimming. E. Worthington and F. Williams. 97,316; Oct. 22.
- Knife and comb for fur cutters, Combined. T. A. Bernier. 97,456; Nov. 12.
- Knife and fork, Combined. J. C. Phillips. Des. 94,390; Jan. 22.
- Knife, nail file, and pencil, Combined. P. A. Peterson. 95,778; May 28.
- Knife or similar article. M. Bernstein. 96,720; Sept. 3.
- Knife or similar article, Paring. A. M. Baer. Des. 94,528-9; Feb. 12.
- Knit fabric. W. A. Neaves. 95,605; May 14.
- Knitted dress. M. Feldman. 95,786; May 28.
- Knitted fabric. M. Moskowitz. 95,977; June 18.
- Knitting ball carrier or similar article. M. C. Meyer. 96,618; Aug. 20.
- Knob and escutcheon plate for a radio set, Combined control. E. C. Booth. 97,459; Nov. 12.
- Knob, Bar. R. L. Triplett. 96,944; Sept. 17.
- Lace. W. R. Adaire. 95,478; May 7.
- Lace. W. R. Adaire. 95,723; May 28.
- Lace. E. Alper. 95,479; May 7.
- Lace. H. B. Barnum. 95,794-6; June 4.
- Lace. H. B. Barnum. 96,294-5; July 23.
- Lace. L. Birnbaum. 96,893; Sept. 17.
- Lace. L. Birnbaum. 96,955; Sept. 24.
- Lace. L. Birnbaum. 97,112; Oct. 8.
- Lace. R. Bloch. Des. 94,377; Jan. 22.
- Lace. T. S. Blum. 97,573; Nov. 19.
- Lace. G. D. Boysen. 96,956; Sept. 24.
- Lace. G. D. Boysen. 97,256; Oct. 22.
- Lace. G. D. Boysen. 97,727; Dec. 3.
- Lace. G. D. Boysen. 97,829; Dec. 10.
- Lace. G. D. Boysen. 97,985; Dec. 31.
- Lace. B. Edson. 95,321; Apr. 23.
- Lace. B. Edson. 95,735; May 28.
- Lace. B. Edson. 97,384; Nov. 5.
- Lace. B. Edson. 97,470; Nov. 12.
- Lace. B. Edson. 97,598; Nov. 26.
- Lace. B. Edson. 97,630; Nov. 26.
- Lace. B. Edson. 97,844; Dec. 17.
- Lace. B. Edson. 97,880-2; Dec. 17.
- Lace. B. Edson. 97,992-3; Dec. 31.
- Lace. J. M. Golding. 95,679; May 21.
- Lace. J. M. Golding. 97,550; Nov. 19.
- Lace. J. M. Golding. 97,641; Nov. 26.
- Lace. J. M. Golding. 97,735; Dec. 3.
- Lace. M. N. Jacobs. Des. 94,691; Feb. 26.
- Lace. M. N. Jacobs. 96,253-6; July 16.
- Lace. S. Lindenbaum. 97,234-5; Oct. 15.
- Lace. F. Mackintosh. 95,530; May 7.
- Lace. T. Marcus. Des. 94,502; Feb. 5.
- Lace. J. Moosherr. Des. 94,848; Mar. 12.
- Lace. W. Priestley. 95,543; May 7.
- Lace. M. Solomon. 97,564-6; Nov. 19.

- Lace. M. Solomon. 97,745-7; Dec. 3.
 Lace. H. Stenson. 95,874; June 4.
 Lace. H. Stenson. 96,207; July 9.
 Lace. J. A. Sutton. 95,558; May 7.
 Lace. J. A. Sutton. 96,283; July 16.
 Lace. J. A. Sutton. 96,346; July 23.
 Lace. J. Waterfield. 97,023-7; Sept. 24.
 Lace. J. Wiener. Des. 94,252; Jan. 1.
 Lace. J. Wiener. Des. 94,371-2; Jan. 15.
 Lace. W. H. Woodhouse. 96,290; July 16.
 Lace. W. H. Woodhouse. 96,574-5; Aug. 13.
 Lace. W. H. Woodhouse. 97,246; Oct. 15.
 Lace. I. Zendman, Jr. Des. 94,254; Jan. 1.
 Lace. I. Zendman, Jr. Des. 94,374; Jan. 15.
 Lace covering. M. Greenberg. 96,830; Sept. 10.
 Lace, Embroidered. W. H. Erpf. 96,096-8; July 2.
 Lace, Embroidered. W. H. Erpf. 96,373; July 30.
 Lace fabric or similar article. E. Filippi. 96,598; Aug. 20.
 Lace or the like. O. F. Schieker. 95,150; Apr. 9.
 Lady's hand bag. R. Courtine. 96,725; Sept. 3.
 Lamp. C. T. Andrews. 95,571; May 14.
 Lamp. W. H. Chamberlain. 96,530; Aug. 13.
 Lamp. F. D. Chapman. Des. 94,409; Jan. 29.
 Lamp. B. A. Dickerson. 95,667-8; May 21.
 Lamp. F. M. Gaul. 96,381; July 30.
 Lamp. R. F. Pulver. 97,612; Nov. 26.
 Lamp. R. M. Strahmann. Des. 94,780; Mar. 5.
 Lamp and adjustable support therefor, Combined. W. W. Nixon. 96,692; Aug. 27.
 Lamp and clock case, Combined. C. L. Connally. 95,486; May 7.
 Lamp base and font, Combined. L. G. Knapp. 96,482; Aug. 6.
 Lamp base, Electric. L. Ludwig. 96,558; Aug. 13.
 Lamp base or similar article. H. M. Laxer. 96,991-2; Sept. 24.
 Lamp base or similar article. H. M. Laxer. 97,011-12; Sept. 24.
 Lamp base or similar article. H. A. Perlmutter. 97,862; Dec. 17.
 Lamp base or similar article. B. Weissman. 96,287; July 16.
 Lamp base or similar article. B. Weissman. 97,571; Nov. 19.
 Lamp base or similar article. B. Weissman. 97,624-5; Nov. 26.
 Lamp bracket. H. E. De Vries. 95,490; May 7.
 Lamp casing, Automobile signal. L. G. Kailer and J. C. Gibson. 97,009; Sept. 24.
 Lamp chimney. T. F. McBride. Des. 94,919; Mar. 19.
 Lamp closure. H. C. Mead. 96,131; July 2.
 Lamp for vehicles, Tail. Le R. O. Brown. 96,572; Aug. 13.
 Lamp globe or similar article, Vehicle. H. B. Donley. 95,810; June 4.
 Lamp or similar article, Adjustable stand. K. Versen. 97,878; Dec. 17.
 Lamp or the like, Electric. A. J. W. Bouwens. 96,646; Aug. 27.
 Lamp or the like, Electric. A. J. W. Bouwens. 97,726; Dec. 3.
 Lamp-post or similar article. R. Waggoner. 95,881; June 4.
 Lamp shade. H. M. Laxer. 96,920-2; Sept. 17.
 Lamp, shelf, and intermediate member, Combined range. A. H. Brodbeck. Des. 94,402; Jan. 29.
 Lamp, Table. O. A. Reinhold. Des. 95,066; Apr. 2.
 Lantern, Electric. L. M. Wiley. 95,943; June 11.
 Lantern, Pumpkin. B. Wilmsen. Des. 94,935; Mar. 19.
 Lavatory. H. N. Davock. 95,807; June 4.
 Lavatory. J. R. Morgan. 95,377-8; Apr. 23.
 Lavatory, Baby bath. W. C. Groeniger and E. L. Davison. 97,281; Oct. 22.
 Leather. R. Bernheim. Des. 94,942; Mar. 26.
 Leather. P. Dornbusch. 96,301; July 23.
 Leather. H. Hiedemann. 96,039; June 25.
 Leather. H. Hiedemann. 96,114-15; July 2.
 Leather. L. F. Peabody. 95,144; Apr. 9.
 Leather. S. Shapiro. 95,711; May 21.
 Leather. S. Shapiro. 97,509; Nov. 12.
 Leather or similar article. E. A. Gallun. 97,228; Oct. 15.
 Leather or similar article. D. B. George. 97,932; Dec. 24.
 Leather or similar material. A. Stern. Des. 94,999; Mar. 26.
 Leg for a stove or similar article. W. F. Rogers. Des. 94,711; Feb. 26.
 Leg for a washing machine or similar article. M. R. Scott. 96,138; July 2.
 Lens strap. T. E. Bosworth. 97,460; Nov. 12.
 Lens strap. B. Spero. Des. 94,784; Mar. 5.
 Lens-strap. R. C. Uhlemann. 96,635; Aug. 20.
 Lens strap for rimless spectacles. H. W. Grom and C. J. Eagle. Des. 94,417; Jan. 29.
 Letter box, House. J. Kim. 95,911; June 11.
 Level, Spirit. F. F. Sand. 95,289; Apr. 16.
 Lever. H. Wolff. 95,884; June 4.
 License plate holder. R. H. Osbrink. 96,198; July 9.
 Light emitting decorative device. E. J. Graf. Des. 94,889; Mar. 19.
 Lighter, Cigar and cigarette. B. Burger. Des. 95,014; Apr. 2.
 Lighter, Cigarette. A. M. Andrews. 95,110-11; Apr. 9.
 Lighter, Pocket. J. Galter. 95,740; May 28.
 Lighter, Pocket. M. Grünstein. 95,820; June 4.
 Lighter, Pyrophoric. L. V. Aronson. 96,639; Aug. 27.
 Lighter, Pyrophoric. L. V. Aronson. 97,247; Oct. 22.
 Lighter, Table. I. Florman. 96,376; July 30.
 Lighting fixture. G. E. Glatthar and F. Wening. 95,202; Apr. 16.
 Lighting fixture. G. E. Glatthar and F. Wening. 96,600; Aug. 20.
 Lighting fixture. G. E. Glatthar and F. Wening. 97,996-7; Dec. 31.
 Lighting fixture. G. E. Glatthar and F. Wening. 98,031; Dec. 31.
 Lighting fixture. E. F. Guth. Des. 94,893; Mar. 19.
 Lighting fixture. E. F. Guth. 97,934; Dec. 24.
 Lighting fixture. C. A. Hollem. 97,288; Oct. 22.
 Lighting fixture. C. D. McCann. 95,917-18; June 11.
 Lighting fixture. W. A. Stone. 97,213; Oct. 15.
 Lighting fixture back plate or similar article. S. Perla and P. Siptrott. Des. 94,621; Feb. 19.
 Lighting fixture, Ceiling-type. L. Guild and M. E. Surface. Des. 94,686; Feb. 26.
 Lighting fixture, Electric. R. G. Cowan. 95,226; Apr. 16.
 Lighting fixture plate or similar article. S. Perla and P. Siptrott. Des. 94,620; Feb. 19.
 Lighting fixture, Porcelain. R. G. Cowan. 97,039; Oct. 1.
 Lighting fixture, Surface supported. C. D. McCann. 95,973-4; June 18.
 Lighting fixture, Wall. M. M. Naftalin. 97,559-60; Nov. 19.
 Lighting fixture, Wall. M. M. Naftalin. 97,583; Nov. 19.
 Lighting unit. J. H. Blitzer. 96,011; June 25.
 Lighting unit or similar article, Outdoor. F. W. Werring. 97,423; Nov. 5.
 Liner for sink strainers. H. C. Harvey. 95,586; May 14.
 Link for a watch bracelet or similar article, Terminal. A. Bulova. 97,799; Dec. 10.
 Lip stick container. P. H. Ganz. 95,813; June 4.
 Lip stick container and mirror, Combination. G. E. Ball. 97,426; Nov. 5.
 Lip stick holder. A. L. Ogden. 95,924; June 11.
 Lip stick sampler or the like. R. T. Christy. Des. 94,875; Mar. 19.
 Liquid dispensing rack. S. Drake. 97,042; Oct. 1.
 Liquid dispensing rack. J. Garvey. 95,814-15; June 4.
 Liquid pump. W. Miller and I. I. Swallow. 97,647; Nov. 26.
 Locomotive, Electric. C. C. C. Burkhardt. 95,894; June 11.
 Locket. H. L. Mossman, Jr. 97,535; Nov. 19.
 Lollipop. A. Barone and A. Bove. 95,215; Apr. 16.
 Lubricating unit. G. A. Hunter. Des. 94,899; Mar. 19.
 Lunch box or the like. M. Nelson. 95,142; Apr. 9.
 Luster or similar article. G. Sakier. Des. 94,442; Jan. 29.
 Macaroni. A. Ronzoni. 96,202; July 9.
 Macaroni or similar article. G. Cirillo. 96,161; July 9.
 Macaroni or similar article. F. Penza. Des. 94,707; Feb. 26.
 Machine for breaking in shoes. S. Segal. Des. 94,445; Jan. 29.
 Magazine holder. F. Wendl. 96,876; Sept. 10.
 Magnifier, rule, and gauge, Combined. C. L. Bausch. Des. 94,464; Feb. 5.
 Manicure set or similar article, Combination. W. J. Popp. Des. 94,851; Mar. 12.
 Mannikin head. R. Dumont. 96,095; July 2.
 Marimba. C. O. Musser. Des. 94,556; Feb. 12.
 Marker, Grave. I. W. Cox. Des. 94,664-5; Feb. 26.
 Marker, Grave. J. J. Eck. 96,452; Aug. 6.
 Marker, Memorial. I. W. Cox. 95,805; June 4.
 Marker or like article, Street and highway. J. A. Harriss. 97,188; Oct. 15.
 Marker, Traffic. C. L. Moorman. 96,271; July 16.
 Mask, Beauty. G. A. Proctor. 97,864; Dec. 17.
 Mask for a typewriting machine. B. J. Dowd and H. J. Hart. 96,652; Aug. 27.
 Mat. A. T. Ecklund. 96,230; July 16.
 Mat. H. McKay. Des. 94,433; Jan. 29.
 Mat, Floor. E. E. Paine and F. D. Adams. 95,702; May 21.
 Mat, Panel. W. J. Adams, Jr. 96,523; Aug. 13.
 Mat, Panel. W. J. Adams, Jr. and W. A. Woods. 96,571; Aug. 13.
 Mat, Panel. W. J. Adams, Jr. 96,717; Sept. 3.
 Match box case. L. Guild. 95,131; Apr. 9.
 Match cluster and holder, Combined. M. A. Bell. 97,374; Nov. 5.
 Match cluster and holder, Combined. M. A. Bell. Des. 94,594; Feb. 19.
 Mattress cover. J. R. Johnson. 95,178-80; Apr. 16.
 Meat and food tendering machine. J. C. Hintz. 95,257; Apr. 16.
 Meat tenderer and food chopper, Combination. R. C. Burdige. Des. 94,945; Mar. 26.
 Meat tenderer or suet cutter attachment for mallets. Q. Beltram. 97,428; Nov. 5.
 Medal. G. J. Heath. Des. 94,421; Jan. 29.
 Medal or similar article. A. H. Blum. 97,375; Nov. 5.
 Medallion or similar article. B. Davies-Cooke. 96,533; Aug. 13.
 Merchandise-display container. F. J. Loewe. 97,557; Nov. 19.
 Metal mesh fabric. C. A. Whiting. 96,948; Sept. 17.
 Metallic artillery wheel. C. L. Eksergian and D. Alexander. 96,453; Aug. 6.

- Metallic mesh fabric. A. F. Reilly. 97,585; Nov. 19.
Meter protective casing. H. A. Bakke. Des. 94,322; Jan. 15.
Microscope. G. Fassin. 95,670; May 21.
Microtome. G. Fassin. 96,231; July 16.
Miniature bar. A. Marks. Des. 94,615; Feb. 19.
Mirror. F. J. Lahmann. 95,358; Apr. 23.
Mirror attachment for sun visor. G. A. Johnson. 97,289; Oct. 22.
Mirror, Electric band. A. Meng. 97,085; Oct. 1.
Mirror frame and support therefor, Adjustable. V. D. Milliken. 95,698; May 21.
Mirror frame or similar article. L. M. Piker. Des. 94,391; Jan. 22.
Mirror, Hand. H. L. Berinstein. 95,944; June 18.
Mirror, Hand. B. Kogan. 96,260-1; July 16.
Mirror, Hand. W. La Hodny and G. C. Hoff. 96,191; July 9.
Mirror, Hand. H. A. Werfel. 96,288; July 16.
Mirror, Hand. H. A. Werfel. 97,749; Dec. 3.
Mirror, Hand. A. Wewetzer. 97,217; Oct. 15.
Mirror, Illuminated. E. W. North. 97,091; Oct. 1.
Mirror or similar article, Hand bag. S. Herman. 96,666; Aug. 27.
Mirror or the like, Hand. C. H. Lawrence. 97,296; Oct. 22.
Mirror place card. O. R. Graf. Des. 94,891; Mar. 19.
Mixer. J. L. Andrews. Des. 94,589; Feb. 19.
Mixing machine casing. E. A. Jackson. 96,041; June 25.
Mold for ice cream confection. B. E. Heggy, H. G. Smith, and R. J. Schott. 96,748; Sept. 3.
Molded jelly or similar food product. M. Baker. 97,889; Dec. 24.
Molding for pieces of furniture. C. G. Kimerly. 96,188; July 9.
Molding for pieces of furniture. C. G. Kimerly. 97,350; Oct. 29.
Molding for pieces of furniture. C. G. Kimerly. 97,644; Nov. 26.
Monogram frame. M. Chernow. 97,175-7; Oct. 15.
Monoplane, High wing. J. G. Taylor and O. A. Swanson. 97,722; Dec. 3.
Monoplane, Mid-wing. J. G. Taylor, R. C. Wilson, and O. A. Swanson. 97,362; Oct. 29.
Monoplane, Mid-wing. J. G. Taylor, R. C. Wilson, and O. A. Swanson. 97,364; Oct. 29.
Monoplane, Midwing. R. C. Wilson and O. A. Swanson. 97,657; Nov. 26.
Monoplane, Semi-mid-wing. J. G. Taylor, R. C. Wilson, and O. A. Swanson. 97,363; Oct. 29.
Monoplane, Tandem bimotored. O. A. Swanson. 97,652; Nov. 26.
Monoplane, Tandem bi-motored Mid-wing. O. A. Swanson. 97,361; Oct. 29.
Monument. J. H. Wise. 97,107; Oct. 1.
Monument, Metallic grave. L. Goodhart. Des. 94,675-7; Feb. 26.
Mounting, Fan. C. A. Schmidt. 97,650; Nov. 26.
Mounting for a pulley-carrying motor. W. D. Hamerstadt. 97,552; Nov. 19.
Motor and propeller, Combined fan. A. G. Redmond. 96,935; Sept. 17.
Motor casing. E. R. Moss. 95,774; May 28.
Motor-cycle. E. M. De Long. 95,948; June 18.
Motorcycle. F. H. Sedivy. 97,019; Sept. 24.
Motor vehicle ventilator. R. F. Peo. 96,334; July 23.
Mounting, Clock. F. D. Jones, Jr. Des. 94,692; Feb. 26.
Mounting for a hand telephone. G. R. Lum. 95,598; May 14.
Mounting for a hand telephone, Wall. E. Newton. 96,273; July 16.
Mounting, Gem. B. F. Brogan. 96,647; Aug. 27.
Mounting, Ophthalmic. V. W. Doty. Des. 94,193; Jan. 1.
Mounting, Ophthalmic. H. J. Langknecht. 95,359; Apr. 23.
Mounting, Ophthalmic. E. M. Splaine. Des. 94,785; Mar. 5.
Moving sign casing. A. A. Henkel. Des. 94,218; Jan. 1.
Muff and hand bag, Combination. R. Lobel. 97,236; Oct. 15.
Muff and hand bag, Combined. R. Lobel. 97,237; Oct. 15.
Muff and hand bag, Combined. R. Lobel. 97,354; Oct. 29.
Muff and hand bag or similar article, Combined. R. Lobel. 97,238; Oct. 15.
Multicellular receptacle. L. M. P. C. Vernin. 97,216; Oct. 15.
Musical instrument bridge, or similar article. H. Stanley and V. J. Moir. 97,104; Oct. 1.
Musical instrument case. M. Lifton. 95,439; Apr. 30.
Musical instrument case. M. Lifton. 96,556; Aug. 13.
Nail. M. G. Rodriguez. 95,930; June 11.
Nameplate. W. J. Adams, Jr. 96,524; Aug. 13.
Nameplate. W. J. Adams, Jr. 96,637; Aug. 27.
Necktie rack. A. C. Grunwald. 96,745; Sept. 3.
Needle and hub, Combination hypodermic. A. J. Son. Des. 95,090; Apr. 2.
Negligee. P. Schnittman. 95,709; May 21.
Netted fabric. N. Rosen. 95,456; Apr. 30.
Newspaper rack. L. Guild. 95,245; Apr. 16.
Nightgown. A. N. Saab. Des. 95,073-5; Apr. 2.
Night light. F. S. Tuerk. Des. 94,368; Jan. 15.
Nipple. J. Little. Des. 94,700; Feb. 26.
Nozzle for a massaging instrument or similar article. P. O. Johnson. 95,258; Apr. 16.
Nozzle for a suction machine. C. S. Morse. 96,047; June 25.
Nozzle, Vaginal syringe. R. Lewis. 95,763; May 28.
Nut cracker. M. Redlinger. Des. 94,567; Feb. 12.
Nut roasting machine. E. W. Bly and H. H. Lutz. Des. 94,535; Feb. 12.
Oil burner. B. H. Dow. 96,302; July 23.
Oil burner pumping and control unit. T. W. Murphy. 96,621; Aug. 20.
Oil burning apparatus or similar article. J. G. Gilmore and H. B. Donley. 95,500; May 7.
Oil can, Pistol grip. E. W. Davis. 98,027; Dec. 31.
Oil dispenser. J. F. Carter. 95,118; Apr. 9.
Opener, Can. O. N. Wiswell. 96,793; Sept. 3.
Optical projection apparatus. H. N. Ott. 95,448; Apr. 30.
Ornament, Artificial floral table. H. U. Dernehl. 97,925; Dec. 24.
Ornament, Automobile radiator. H. Shaw and C. J. Klein. 97,872; Dec. 17.
Ornament for a casket or analogous article, Corner. R. Larson. 97,737; Dec. 3.
Ornament for saddles and bridles. J. B. Freysinger. Des. 94,744; Mar. 5.
Ornament, Illuminated wreath. W. J. Tyson. 97,877; Dec. 17.
Ornament or similar article, Automobile radiator. G. E. Curtiss and C. J. Klein. 97,032; Sept. 24.
Ornament or similar article, Automobile radiator. C. Karstadt and C. J. Klein. Des. 94,694; Feb. 26.
Ornament or similar article, Automobile radiator. W. Schnell and J. Oswald. Des. 94,444; Jan. 29.
Ornament or similar article, Automobile radiator. H. A. Shaw and C. J. Klein. Des. 94,446; Jan. 29.
Ornament or similar article, Table. R. A. Baur. 97,891; Dec. 24.
Ornament or similar article, Vehicle. W. H. A. Gubitz. 97,526; Nov. 19.
Ornament or similar article, Vehicle. H. F. Yaeger. 97,587; Nov. 19.
Ornament, Ship model. H. A. Slemund. 97,100; Oct. 1.
Ornament, Vehicle panel. W. H. A. Gubitz. 97,230; Oct. 15.
Outboard motor. F. T. Irgens. Des. 94,766; Mar. 5.
Oven heat indicator. G. J. Day. 97,040; Oct. 1.
Overall. L. W. Turner. Des. 95,001; Mar. 26.
Overshoe. L. J. Golden. 97,480; Nov. 12.
Package. L. L. Salfsberg. Des. 94,443; Jan. 29.
Package, Combination merchandise and display. A. N. Spanel. 96,425; July 30.
Pad for spectacle frames, Nose. C. J. Eagle. 97,181; Oct. 15.
Padlock, Combination. H. E. Soref and J. K. Marshall. 95,463; Apr. 30.
Panel board. W. D. Teague. Des. 94,789; Mar. 5.
Panel for a cook stove, Control. S. H. Hobson. Des. 94,484; Feb. 5.
Panel mat. W. J. Adams, Jr. Des. 94,808-10; Mar. 12.
Panel mat. W. J. Adams, Jr. 96,213-4; July 16.
Panel or the like. W. T. Holmes. 96,836; Sept. 10.
Panel, Sheet dispenser. P. H. Horwitt. 96,471-3; Aug. 6.
Panel, Sheet dispenser. P. H. Horwitt. 96,668-71; Aug. 27.
Paper, Decorated wrapping. A. Hegmann. 96,038; June 25.
Paper, or similar article, Fancy. N. E. Scott. 95,782; May 28.
Paper or similar article, Fancy. N. E. Scott. 96,282; July 16.
Paper or similar article, Wrapping. M. A. Easter. Des. 94,878; Mar. 19.
Paper or similar material, Embossed transparent. K. Coe. 96,593; Aug. 20.
Paper or similar material, Writing. S. E. Deutsch and N. D. Schneider. 96,165; July 9.
Paper or the like, Cover. H. W. Lester. 97,817; Dec. 10.
Paper roll holder. E. O. Bulman. 96,298; July 23.
Paper, Shelf. E. Karfol. Des. 94,836-9; Mar. 12.
Paper weight or similar article. J. C. Yerkes. 98,025; Dec. 31.
Pastry cup. U. A. Kreidler. 95,595; May 14.
Pastry ice cream cup. L. A. Helfgott. Des. 95,039; Apr. 2.
Paving block. F. Belda. 96,003; June 25.
Pedal, Cycle. A. Renshaw. Des. 94,280; Jan. 8.
Pedal, Cycle. A. Renshaw. Des. 94,515; Feb. 5.
Pedestal lamp. J. J. Kennedy. 96,763; Sept. 3.
Pedestal lamp. J. Kollwitz. 95,515; May 7.
Pen clip or similar article, Fountain. M. G. Sypher. 95,938; June 11.
Pen, Fountain. R. Back. Des. 94,375; Jan. 22.
Pen, Fountain. W. Bowker and R. P. Piperoux. 95,171; Apr. 16.
Pen, Fountain. W. R. Cuthbert. 96,023; June 25.
Pen, Fountain. J. Hill. 96,914; Sept. 17.
Pen holder desk stand. R. R. Hutcheson. 96,838; Sept. 10.
Pen nib, Fountain. N. E. Weigel. 95,882; June 4.
Pen or similar article, Fountain. L. Morrison. Des. 94,983; Mar. 26.
Pen or similar writing implement, Fountain. A. Bienenstein. 96,888-92; Sept. 17.
Pen or similar writing implement, Fountain. A. Bienenstein. 97,174; Oct. 15.
Pen point. M. M. Neuhooff. 95,860; June 4.
Pencil. W. R. Cuthbert. 96,022; June 25.
Pencil. W. Koerper. 97,555; Nov. 19.

- Pencil, Mechanical. O. Huber. 95,135; Apr. 9.
Pencil or similar article. E. B. Nichols. 97,203; Oct. 15.
Penholder desk unit or similar article. T. Hill. 97,191; Oct. 15.
Percolator, Coffee. H. Lehman. Des. 94,501; Feb. 5.
Percolator or similar article, Coffee. A. J. Ackerman. 97,663; Dec. 3.
Percolator or the like. A. J. Ackerman. 97,977; Dec. 31.
Perfume container or similar article. L. Leiong. 96,615; Aug. 20.
Phonograph and radio, Portable combined. A. Hill. 96,832; Sept. 10.
Phonograph cabinet. C. N. Deverall. 96,367; July 30.
Phonograph pick-up. A. C. Ansley. 95,198; Apr. 16.
Phonographic transcribing machine. L. S. Briggs and L. D. Norton. 97,220; Oct. 15.
Photoelectric exposure meter. E. F. Weston. 97,827; Dec. 10.
Physician's examining table. H. J. Kalter. 96,758-9; Sept. 3.
Piano. C. F. Brey. 96,811; Sept. 10.
Piano. A. Klein. 97,072; Oct. 1.
Piano. G. L. Miller. 96,996-7; Sept. 24.
Piano accordion. O. Schmidt. 96,343; July 23.
Piano case. W. M. Day. 96,820; Sept. 10.
Piano case. C. L. Haddorf. 96,974-80; Sept. 24.
Piano case. G. C. Kavanagh. 96,761-2; Sept. 3.
Piano case. G. C. Kavanagh. 97,290-2; Oct. 22.
Piano case. M. Y. Rich. 96,852-5; Sept. 10.
Picture frame. A. Golden. Des. 94,606; Feb. 19.
Picture frame. A. Golden. Des. 94,749-50; Mar. 5.
Picture frame. A. Golden. Des. 94,828; Mar. 12.
Picture frame. A. Golden. 96,742-3; Sept. 3.
Picture frame. D. E. Roganson. Des. 94,359; Jan. 15.
Picture frame. G. Stephan. 96,708; Aug. 27.
Picture projecting machine base. B. Stachbart. 95,553-4; May 7.
Pillow case or similar article. E. N. Milliken. 97,439; Nov. 5.
Pillow or similar article. M. Marks. Des. 94,702; Feb. 26.
Pillow top or similar article. A. L. Ejik. Des. 94,736; Mar. 5.
Pin and double safety guard, Combination. J. O. Pollack. Des. 94,438; Jan. 29.
Pin or like ornamental emblem. S. Ruskin. 96,280; July 16.
Pinking machine. W. T. Maxant. Des. 94,432; Jan. 29.
Pipe and cover, Combined multiple-bowled smoking. S. M. Brody. 95,312; Apr. 23.
Pipe case. W. O. Briggs, Jr. 96,527; Aug. 13.
Pitcher. L. Guild. Des. 94,268; Jan. 8.
Pitcher. B. Kogan. Des. 94,909; Mar. 19.
Pitcher. F. S. Trumbull. 97,876; Dec. 17.
Pitcher, Cream. R. G. Cowan. 97,922; Dec. 24.
Pitcher, Cream. R. G. Cowan. 97,924; Dec. 24.
Pitcher, Cream. L. Guild. Des. 94,202; Jan. 1.
Pitcher, Cream. V. Schreckengost. 95,152; Apr. 9.
Pitcher or similar article. E. W. Newton. 96,623; Aug. 20.
Placard or like article. A. N. Stephens. 96,866; Sept. 10.
Plant stand. C. E. Miller. Des. 94,704; Feb. 26.
Planting bar. J. M. Council. 97,592; Nov. 26.
Plaque or similar article. A. F. Saunders. 97,618; Nov. 26.
Plate. K. Bayreuther. 97,797; Dec. 10.
Plate. L. Guild. Des. 94,964; Mar. 26.
Plate. B. Kogan. Des. 94,911; Mar. 19.
Plate. F. H. Sebring, Jr., and D. Schreckengost. Des. 94,245; Jan. 1.
Plate cover. L. Guild. 95,133; Apr. 9.
Plate for knives, Ribbed lining. A. H. Pneuman. Des. 94,279; Jan. 8.
Plate or article of similar nature, Glass. G. S. Dunbar. 95,579; May 14.
Plate or similar article. Y. Buma. 95,631-2; May 21.
Plate or similar article. Y. Buma. 97,893-904; Dec. 24.
Plate or similar article. J. E. Goodwin. 96,178-80; July 9.
Plate or similar article. J. E. Goodwin. 96,247; July 16.
Plate or similar article. R. H. Hammer. Des. 94,305; Jan. 8.
Plate or similar article. R. H. Hammer. Des. 94,345-7; Jan. 15.
Plate or similar article. W. T. Johnson. 95,431; Apr. 30.
Plate or similar article. F. P. Judge and E. M. Owens. 96,186; July 9.
Plate or similar article. C. Kaiser. 95,752; May 28.
Plate or similar article. B. N. Kane. 95,689; May 21.
Plate or similar article. A. L. Kramer. 95,592; May 14.
Plate or similar article. C. W. Leigh. 95,760-1; May 28.
Plate or similar article. C. W. Oldham. 96,132; July 2.
Plate or similar article. H. Rampfel. 95,544; May 7.
Plate or similar article. C. L. Sebring. 95,867; June 4.
Plate or similar article. S. H. Slobodkin. 97,417; Nov. 5.
Plate or similar article. S. H. Slobodkin. 97,442; Nov. 5.
Plate or similar article. J. Stetson. 97,338; Oct. 29.
Plate or similar article. G. Wesp. 95,165-6; Apr. 9.
Plate or the like. F. L. Broeren. 97,547; Nov. 19.
Plate or the like, Door. L. A. Macklanburg. 95,440; Apr. 30.
Plate, Tread. V. M. Surerus. 95,158; Apr. 9.
Platter. B. Kogan. Des. 94,913; Mar. 19.
Platter. F. J. Maseuch. 96,044; June 25.
Play yard, Collapsible. V. Leibo. 95,435; Apr. 30.
Playing card. J. F. Rivard. Des. 95,070; Apr. 2.
Plumbing fixture. T. C. Hobbs. 98,037; Dec. 31.
Pocketbook. F. N. Lewis. 95,694; May 21.
Pocketbook, Child's. S. Pitkin. 96,129; July 2.
Pocket for pot holders, memorandum pads, and pencils, Wall. M. Caplan. 95,802; June 4.
Pocket receptacle, Flexible. W. R. Buxton. Des. 94,662; Feb. 26.
Pocket receptacle, Flexible. W. R. Buxton. 95,315-16; Apr. 23.
Pocket receptacle, Flexible. W. R. Buxton. 95,485; May 7.
Pop corn stand or similar article. C. J. Cretors. 95,121; Apr. 9.
Popper, Electric corn. S. A. Platt. 96,776; Sept. 3.
Portable pump. M. S. Halpern. Des. 94,687; Feb. 26.
Pot or similar article, Cooking. A. C. Rantsch. 95,504; Aug. 6.
Pouch. O. F. Foss. Des. 94,542; Feb. 12.
Powder puff. E. Burkhart. 95,801; June 4.
Power unit. T. C. Delaval-Crow. 96,451; Aug. 6.
Power unit for food preparing devices. C. J. Steinman. 97,170; Oct. 8.
Pressure regulating valve. T. W. Murphy. 96,405; July 30.
Price ticket. D. Glasser. 97,328; Oct. 29.
Prie dieu. W. F. Liska. 96,193; July 9.
Program reminder. R. E. Conover. 97,263; Oct. 22.
Projector or similar article, Light. J. Levy. 95,274; Apr. 16.
Propeller for electric fans, Air. J. M. Funk. 97,601; Nov. 26.
Pull tab for slide fasteners. A. E. Carlile. 96,158; July 9.
Pump assembly. L. G. Lindsay. 95,972; June 18.
Purse. D. Lewis. 96,768; Sept. 3.
Rack. J. E. Bales. 95,112; Apr. 9.
Rack for testing and charging. B. F. W. Heyer. 97,161; Oct. 8.
Rack or similar article, Wire door. E. W. Gentz. 97,274; Oct. 22.
Rack or the like, Liquid dispensing. C. Chambers. 96,815; Sept. 10.
Radiant heater. B. W. Pruitt and G. Walker. 96,934; Sept. 17.
Radiating element for gas heaters. H. R. Humphrey. Des. 94,761; Mar. 5.
Radiating heater, Casing. E. Carstens. Des. 94,188; Jan. 1.
Radiator. R. Loewy. 96,485-8; Aug. 6.
Radiator cover. D. J. Drischell and L. Pesacov. Des. 94,598-9; Feb. 19.
Radiator cover for automobiles. H. Mover. 97,240; Oct. 15.
Radiator grille cover. H. E. Kaemmer. 97,232; Oct. 15.
Radiator shell and deflector, Combined. B. Kirsch and J. Y. Grade. 97,528-9; Nov. 19.
Radiator shield, Motor vehicle. J. F. Martin. Des. 94,981; Mar. 26.
Radiator trap. C. J. Schlafman. 97,414; Nov. 5.
Radiator valve. C. J. Schlafman. 96,939; Sept. 17.
Radiocabinet. H. Berg. 97,519-21; Nov. 19.
Radiocabinet. H. Berg. 97,631-5; Nov. 26.
Radiocabinet. A. Dahl. Des. 94,666; Feb. 26.
Radiocabinet. A. C. Haggstrom. 96,036; June 25.
Radiocabinet. A. G. Hoffman. 96,750; Sept. 3.
Radiocabinet. N. G. Horwitz. 95,961; June 18.
Radiocabinet. J. Macák. 97,857; Dec. 17.
Radio dial window. B. S. Nash. 96,406-7; July 30.
Radioreceiver. J. Shenker. 96,140; July 2.
Radioreceivers, Combined controlling and indicating device for. E. Harmon. 95,585; May 14.
Radio remote control, Automobile. A. G. Redmond. 96,201; July 9.
Range. W. H. Adams. 96,882-3; Sept. 17.
Range. W. H. Frick. 97,576; Nov. 19.
Range. H. H. Heibredner. 97,064-8; Oct. 1.
Range. H. B. Hilger. 98,039; Dec. 31.
Range base. D. L. Hadley. 96,747; Sept. 3.
Range, Coal. H. Lange. 96,919; Sept. 17.
Range, Combination coal and gas. J. W. Barker. 96,640; Aug. 27.
Range, Combination coal and gas. C. F. Wiley. 97,517; Nov. 12.
Range, Cooking. S. Klute. 95,267-8; Apr. 16.
Range, Cooking. J. A. Underwood. 96,430; July 30.
Range, Corner. H. H. Heibredner. 97,063; Oct. 1.
Range finder casing. J. Mihalyi. 97,299; Oct. 22.
Range, Gas. W. T. Bradbury. 95,946; June 18.
Range, Gas. D. L. Hadley. 96,746; Sept. 3.
Range, Gas. D. L. Hadley. 97,129; Oct. 8.
Range, having combined therewith a lighting unit, clock, and condiment holder. O. Hofferbert. Des. 94,486; Feb. 5.
Range or similar article. W. H. Frick. 97,577-8; Nov. 19.
Range or similar article. J. R. Haley. 97,059-60; Oct. 1.
Range or similar article. S. H. Hobson. Des. 94,485; Feb. 5.
Razor blade holder. D. E. Leahy. 97,138; Oct. 8.
Razor, Lighted electric. C. J. Merriam. 97,777; Dec. 10.
Rear member for a velocipede frame. B. J. Anderson. 97,449; Nov. 12.

- Receptacle and match holder, Combined ash. E. Schultz. Des. 49,365; Jan. 15.
- Receptacle and match holder, Combined cigarette. E. Jahncke. Des. 49,404; Jan. 29.
- Receptacle, Flexible pocket. W. R. Buxton. Des. 94,530; Feb. 12.
- Receptacle or similar article, Covered cigarette. A. L. Kramer. 97,074; Oct. 1.
- Receptacle or similar article, Salt and pepper. R. M. West. 97,029; Sept. 24.
- Reel. E. J. McMahon. Des. 94,277; Jan. 8.
- Reflector. S. Ender. 95,230; Apr. 16.
- Reflector. D. G. Saaf. 97,095; Oct. 1.
- Reflector, Light. E. B. Kolodzey. Des. 94,387; Jan. 22.
- Reflector, Lighting fixture. M. B. Beck. 97,834; Dec. 17.
- Refreshment stand. M. Cuccio. 96,726; Sept. 3.
- Refrigerator. R. B. Janes. Des. 94,903; Mar. 19.
- Refrigerator. E. A. Vickerman. 97,689; Dec. 3.
- Refrigerator cabinet. N. B. Geddes and W. I. Hamby. 95,817; June 4.
- Refrigerator cabinet. R. E. Kruck. Des. 94,388; Jan. 22.
- Refrigerator cabinet. J. Tjaarda. 97,875; Dec. 17.
- Refrigerator cabinet. G. W. Walker. Des. 94,930; Mar. 19.
- Refrigerator cabinet or similar article. J. C. Buchanan. 95,730; May 28.
- Register, Autographic. R. D. Budlong. Des. 94,330; Jan. 15.
- Ribbon. J. R. Fridlington. 96,827; Sept. 10.
- Ring. R. L. Koch. Des. 94,552; Feb. 12.
- Ring box. A. Wewetzer. 96,289; July 16.
- Ring or article of similar nature, Finger. E. J. Gross. 95,175-6; Apr. 16.
- Ring or similar article. M. Kronstadt. 96,610-11; Aug. 20.
- Ring or similar article. M. Kronstadt. 96,918; Sept. 17.
- Ring or similar article, Finger. B. Fain. 96,735; Sept. 3.
- Ring or similar article, Finger. H. B. Sacks and P. Krasnow. 96,699; Aug. 27.
- Ring or similar article, Finger. S. Zimba. 96,569; Aug. 13.
- Ring or similar article of jewelry. F. P. Kinsley. 97,394-5; Nov. 5.
- Ring or similar article of jewelry, Finger. S. Mallin. Des. 94,276; Jan. 8.
- Ring or similar article of jewelry, Finger. H. J. A. Skipp. 96,705; Aug. 27.
- Ring or the like, Finger. N. Herschau. 95,587; May 14.
- Robe. G. Kateb. 96,389; July 30.
- Robe, Carriage. S. O. Reydmann. 97,413; Nov. 5.
- Rod or similar article, Glass ice. H. A. Fuld. 96,909; Sept. 17.
- Roll or similar article. P. J. Brennan. 96,221-5; July 16.
- Roofing. N. P. Harshberger. 96,547; Aug. 13.
- Rug. A. Bach. Des. 94,724; Mar. 5.
- Rug. A. Bach. 96,799-805; Sept. 10.
- Rug. A. Fago. 97,640; Nov. 26.
- Rug. A. V. Fago. 96,597; Aug. 20.
- Rug. J. J. Moll and W. C. Chapman. 96,046; June 25.
- Rug. H. C. Strobel. 96,868-70; Sept. 10.
- Rug. A. Tunnington. Des. 94,525-6; Feb. 5.
- Rug. I. J. Vetter. 96,069; June 25.
- Rug. W. V. Wallace. Des. 94,319; Jan. 8.
- Saddle, Cycle. R. W. Faulhaber. 95,950; June 18.
- Saddle seat. H. L. Kraefft. 97,295; Oct. 22.
- Sadiron casing. R. I. Huffman. 96,732; Sept. 3.
- Sadiron casing. R. I. Huffman. 97,579; Nov. 19.
- Sadiron stand. S. A. Duvall. 96,958; Sept. 24.
- Safety valve. C. Nelson. 96,691; Aug. 27.
- Sandal. H. Buraglia. 97,667; Dec. 3.
- Sandal. C. B. Carrier. 95,664; May 21.
- Sandal. D. Gilbert. 95,499; May 7.
- Sandal. L. Goldberg. 97,677; Dec. 3.
- Sandal. L. Goodkind. 95,680; May 21.
- Sandal. W. H. Joyce, Jr. 95,963; June 18.
- Sandal. W. H. Joyce, Jr. 96,388; July 30.
- Sandal. H. Kaplan. Des. 94,352; Jan. 15.
- Sandal. H. Koomruian. 95,690; May 21.
- Sandal. J. Manby. 97,738; Dec. 3.
- Sandal. H. Sobel. 96,424; July 30.
- Sandal, Beach. H. E. Wright. Des. 95,103; Apr. 2.
- Sandal or similar article. A. M. Bressler. Des. 94,465; Feb. 5.
- Sandal or similar article. J. C. Marks. 95,767; May 28.
- Sanding machine. T. L. Hedgpath. 95,825; June 4.
- Sauce pan, Combination. J. A. Wagner. 97,022; Sept. 24.
- Saucer. K. Bayreuther. 97,798; Dec. 10.
- Saucer. B. Kogan. Des. 94,914; Mar. 19.
- Saw, Band. W. J. Merrigan. 95,601; May 14.
- Saw, Bench. W. J. Merrigan. 95,600; May 14.
- Saw, Jig. W. J. Merrigan. 95,602; May 14.
- Scale. M. Garbell. 97,807; Dec. 10.
- Scale. H. L. van Doren and J. G. Rideout. 96,147; July 2.
- Scale casing. A. Bousfield. 95,484; May 7.
- Scale casing, Weighing. W. Howell. 96,308; July 23.
- Scale, Foot measuring. H. Griffin. 96,111; July 2.
- Scale or article of similar nature, Weighing. T. B. Flanagan. Des. 95,029; Apr. 2.
- Scarf. I. H. Bernstein and M. Presslaff. 97,457-8; Nov. 12.
- Scarf for furniture or similar article. M. Caplan. 96,529; Aug. 13.
- Score sheet. R. F. Power. 95,779; May 28.
- Scraper. E. B. Maloon. 97,558; Nov. 19.
- Seat slip, Automobile. R. Jaramillo. 97,134-5; Oct. 8.
- Semitrailer vehicular tank. F. G. Thwaites. 97,653; Nov. 26.
- Service bar back counter. C. W. Brown and H. Tyson. Des. 94,327; Jan. 15.
- Service bar back counter. C. W. Brown and G. Scott. Des. 94,328; Jan. 15.
- Service station. A. B. Carmitchel. 97,801; Dec. 10.
- Settee frame or similar article. S. M. Berth. 97,249-54; Oct. 22.
- Setting, Jewelry stone. D. Klebanoff. 97,606; Nov. 26.
- Sewing cabinet. M. O. Miller. 97,427; Nov. 5.
- Sewing machine spool holder. E. Arnold. 96,363; July 30.
- Shade, Lamp. I. Batkin. 95,728; May 28.
- Shade, Lamp. H. M. Laxer. 95,518-21; May 7.
- Shade, Metal. G. L. Miller. 96,270; July 16.
- Shaker. C. Saymon. 95,149; Apr. 9.
- Shaker closure, Cocktail. E. W. Fuerst. 96,966; Sept. 24.
- Shaker, Cocktail. J. M. Chernoff. 96,091; July 2.
- Shaker, Cocktail. E. W. Fuerst. 96,965; Sept. 24.
- Shaker, Cocktail. O. A. Menard. 97,949; Dec. 24.
- Shaker, Combination salt and pepper. F. G. Holmes. Des. 95,042; Apr. 2.
- Shaker, Combination salt and pepper. A. A. Rigny. 97,207; Oct. 15.
- Shaker, Combined salt and pepper. R. H. Braun. 95,311; Apr. 23.
- Shaker, Combined salt and pepper. J. L. Schertz. 96,342; July 23.
- Shaker or similar article, Cocktail. A. J. Ackerman. 97,979; Dec. 31.
- Shaker or similar article, Cocktail. A. L. Davis. 97,675; Dec. 3.
- Shaker or similar article, Cocktail. H. F. Reichenbach. 95,925; June 11.
- Shaker, Salt or pepper. F. Kafka. Des. 94,693; Feb. 26.
- Shaker top or similar article, Cocktail. F. Williams. Des. 94,373; Jan. 15.
- Sharpener, Electric knife. K. F. Lees. Des. 94,844; Mar. 12.
- Sharpener, Electric razor blade. K. F. Lees. Des. 94,845; Mar. 12.
- Sharpener, Pencil. A. Shaffer. 95,992; June 18.
- Sharpener, Razor blade. A. F. Weiss. 96,071; June 25.
- Shaving machine. M. Annick. 95,572; May 14.
- Shear and castrator, Combined. C. Marco. 96,845; Sept. 10.
- Sheath for a hunting knife and axe, Combination. J. R. Case. Des. 94,468; Feb. 5.
- Sheet or similar article, Cellulose derivative plastic. J. Hill. 96,915; Sept. 17.
- Sheet, Wedding. F. B. Siegrist. Des. 95,087; Apr. 2.
- Shelf and radiocabinet, Combined wall. D. W. Kussman. 95,912; June 11.
- Shelf, Attachable. J. Schimmelfeng. Des. 94,571; Feb. 12.
- Shelf, Corner. M. Armstrong. 97,830; Dec. 17.
- Shelf, Parcel. F. W. Kent. Des. 95,043; Apr. 2.
- Shield, Handlebar. B. J. Anderson. 96,078; July 2.
- Shield, Radio tube. E. F. Staver. 97,151; Oct. 8.
- Shield, Radio tube. E. F. Staver and F. Hafecost. 97,169; Oct. 8.
- Shingle roof. H. G. Goslin. 95,242; Apr. 16.
- Shingle roof or like article. N. P. Harshberger. 95,250; Apr. 16.
- Shirt or similar article, Man's dress. H. H. Marble. Des. 94,917; Mar. 19.
- Shockproof head for an X-ray apparatus. E. B. Graves. 97,848; Dec. 17.
- Shoe. J. Abowitz. 95,299-300; Apr. 23.
- Shoe. J. Abowitz. 97,518; Nov. 19.
- Shoe. J. Aine. 95,108; Apr. 9.
- Shoe. J. E. Andrews. 95,725; May 28.
- Shoe. A. Apt. Des. 94,527; Feb. 12.
- Shoe. B. Arkin. Des. 94,644; Feb. 26.
- Shoe. B. Arkin. 96,578-9; Aug. 20.
- Shoe. B. Arkin. 97,450; Nov. 12.
- Shoe. T. R. Atkins. Des. 94,590-1; Feb. 19.
- Shoe. T. R. Atkins. Des. 94,811; Mar. 12.
- Shoe. T. R. Atkins. 95,169; Apr. 16.
- Shoe. T. R. Atkins. 95,304-5; Apr. 23.
- Shoe. T. R. Atkins. 95,480-1; May 7.
- Shoe. A. F. Bancroft. Des. 94,463; Feb. 5.
- Shoe. A. F. Bancroft. Des. 94,593; Feb. 19.
- Shoe. A. F. Bancroft. Des. 94,940; Mar. 26.
- Shoe. A. F. Bancroft. 96,085; July 2.
- Shoe. A. F. Bancroft. 96,583; Aug. 20.
- Shoe. M. Bancroft. Des. 94,376; Jan. 22.
- Shoe. F. Barber. 95,308; Apr. 23.
- Shoe. B. Benjamin. 95,890; June 11.
- Shoe. B. Benjamin. 96,887; Sept. 17.
- Shoe. B. Benjamin. 97,034; Oct. 1.
- Shoe. B. Benjamin. 97,589; Nov. 26.
- Shoe. B. Benjamin. 97,665; Dec. 3.
- Shoe. B. Benjamin. 97,981; Dec. 31.
- Shoe. P. Borda. Des. 94,255-8; Jan. 8.
- Shoe. P. Borda. 95,310; Apr. 23.
- Shoe. P. Borda. 97,113; Oct. 8.
- Shoe. E. Bradley. 95,628; May 21.
- Shoe. J. R. Brady. Des. 94,730; Mar. 5.
- Shoe. A. M. Bressler. 95,629; May 21.
- Shoe. T. Buek, Jr. 95,399; Apr. 30.
- Shoe. E. Bush. 97,380; Nov. 5.
- Shoe. T. J. Bushman. Des. 94,650-61; Feb. 26.
- Shoe. T. J. Bushman. Des. 95,015; Apr. 2.

- Shoe. C. H. Caldwell. Des. 94,331-2; Jan. 15.
 Shoe. H. Clayman. Des. 94,876; Mar. 19.
 Shoe. A. Cohan. Des. 94,260; Jan. 8.
 Shoe. A. Cohan. 96,594; Aug. 20.
 Shoe. D. Cohen. 97,117; Oct. 8.
 Shoe. E. Cohen. 96,093; July 2.
 Shoe. A. H. Colberg. Des. 94,340; Jan. 15.
 Shoe. P. Colella. 96,903; Sept. 17.
 Shoe. H. M. Crull. 96,300; July 23.
 Shoe. H. M. Crull. 97,593; Nov. 26.
 Shoe. J. Danchelsky. 96,818; Sept. 10.
 Shoe. J. Davies. Des. 94,262; Jan. 8.
 Shoe. J. Davies. 97,267; Oct. 22.
 Shoe. V. De Liso. 95,228; Apr. 16.
 Shoe. V. De Liso. 95,809; June 4.
 Shoe. V. De Liso. 96,024; June 25.
 Shoe. G. Del Re. 96,164; July 9.
 Shoe. E. C. Doring. Des. 94,342; Jan. 15.
 Shoe. E. C. Doring. 95,491-4; May 7.
 Shoe. E. C. Doring. 97,180; Oct. 15.
 Shoe. H. M. Drake. 95,122; Apr. 9.
 Shoe. B. Drell. 96,908; Sept. 17.
 Shoe. E. W. Dunbar. 95,732; May 28.
 Shoe. N. Elkin. Des. 94,411; Jan. 29.
 Shoe. N. Elkin. Des. 94,948-52; Mar. 26.
 Shoe. F. W. Ellington. 95,322-3; Apr. 23.
 Shoe. F. W. Ellington. 95,901; June 11.
 Shoe. F. W. Ellington. 97,043; Oct. 1.
 Shoe. S. Epstein. Des. 94,263-4; Jan. 8.
 Shoe. S. Epstein. Des. 95,027-8; Apr. 2.
 Shoe. S. Epstein. 96,167; July 9.
 Shoe. S. Epstein. 96,596; Aug. 20.
 Shoe. S. Epstein. 96,733-4; Sept. 3.
 Shoe. S. Epstein. 97,676; Dec. 3.
 Shoe. J. Fishman. Des. 94,382-3; Jan. 22.
 Shoe. J. Fishman. Des. 94,740; Mar. 5.
 Shoe. J. Fishman. 95,173; Apr. 16.
 Shoe. J. Fishman. 95,233-6; Apr. 16.
 Shoe. J. Fishman. 95,497; May 7.
 Shoe. J. Fishman. 95,736-7; May 28.
 Shoe. J. Fishman. 96,736; Sept. 3.
 Shoe. J. Fishman. 97,268; Oct. 22.
 Shoe. S. Fradkin. 95,738; May 28.
 Shoe. E. Galvani. 96,236; July 16.
 Shoe. J. A. Galway. 95,583; May 14.
 Shoe. F. A. Garside. 96,108; July 2.
 Shoe. F. A. Garside. 96,168-74; July 9.
 Shoe. F. A. Garside. 96,237-9; July 16.
 Shoe. J. R. Garside, Jr. Des. 94,266; Jan. 8.
 Shoe. H. Geller. 97,994; Dec. 31.
 Shoe. H. Goldberg. Des. 94,267; Jan. 8.
 Shoe. H. Goldberg. 96,033; June 25.
 Shoe. H. Goldberg. 96,109-10; July 2.
 Shoe. H. Goldberg. 96,176-7; July 9.
 Shoe. H. Goldberg. 96,463-6; Aug. 6.
 Shoe. H. Goldberg. 97,768-9; Dec. 10.
 Shoe. J. A. Goldberg. 95,329-36; Apr. 23.
 Shoe. J. A. Goldberg. 95,414-16; Apr. 30.
 Shoe. J. A. Goldberg. 95,818; June 4.
 Shoe. L. E. Golden. Des. 94,474; Feb. 5.
 Shoe. M. S. Goldman. Des. 94,883-7; Mar. 19.
 Shoe. M. S. Goldman. Des. 94,960-2; Mar. 26.
 Shoe. M. S. Goldman. 95,417; Apr. 30.
 Shoe. M. S. Goldman. 96,658-61; Aug. 27.
 Shoe. M. S. Goldman. 97,481; Nov. 12.
 Shoe. W. Goldstein. Des. 94,888; Mar. 19.
 Shoe. L. Goodkind. 95,953; June 18.
 Shoe. W. H. Goodyear. Des. 94,475; Feb. 5.
 Shoe. I. Grossman. Des. 94,418-19; Jan. 29.
 Shoe. I. E. Grossmann. Des. 94,477-8; Feb. 5.
 Shoe. N. J. Grossman. Des. 94,678-85; Feb. 26.
 Shoe. N. J. Grossman. Des. 94,753-6; Mar. 5.
 Shoe. N. J. Grossman. Des. 94,832; Mar. 12.
 Shoe. M. Gustin. Des. 95,036; Apr. 2.
 Shoe. M. Gustin. 96,831; Sept. 10.
 Shoe. M. Gustin. 97,282; Oct. 22.
 Shoe. M. Gustin. 97,933; Dec. 24.
 Shoe. J. E. Harriss. 97,678; Dec. 3.
 Shoe. J. E. Harriss. 97,710; Dec. 3.
 Shoe. O. Hasse. 96,248; July 16.
 Shoe. A. Heil. Des. 94,422-3; Jan. 29.
 Shoe. A. Heil. 96,113; July 2.
 Shoe. A. Heil. 96,250-1; July 16.
 Shoe. A. Heil. 97,189-90; Oct. 15.
 Shoe. R. Hertziz. Des. 94,269-71; Jan. 8.
 Shoe. R. Hertziz. Des. 94,897-8; Mar. 19.
 Shoe. I. Hoffenberg. 95,427; Apr. 30.
 Shoe. H. Holtz. Des. 94,350; Jan. 15.
 Shoe. M. Horn. 96,667; Aug. 27.
 Shoe. M. Horn. 96,751; Sept. 3.
 Shoe. A. Hurtiz. 95,688; May 21.
 Shoe. J. A. Izenstatt. 96,985; Sept. 24.
 Shoe. L. J. Jordan. 97,194-5; Oct. 15.
 Shoe. M. Kalmon. Des. 94,487-94; Feb. 5.
 Shoe. M. Kalmon. 95,510; May 7.
 Shoe. J. Kaplan. Des. 94,495; Feb. 5.
 Shoe. S. Kaykewitz. Des. 94,220; Jan. 1.
 Shoe. N. K. Kean. Des. 94,551; Feb. 12.
 Shoe. N. K. Kean. 95,511-12; May 7.
 Shoe. E. F. Kerrigan. 96,391-4; July 30.
 Shoe. J. Kessler. Des. 94,221-7; Jan. 1.
 Shoe. J. Kessler. Des. 94,272-3; Jan. 8.
 Shoe. J. Kessler. Des. 94,904; Mar. 19.
 Shoe. K. B. Keyes. 96,608; Aug. 20.
 Shoe. K. B. Keyes. 97,485; Nov. 12.
 Shoe. R. S. Kilborne, Jr. 97,136; Oct. 8.
 Shoe. C. Kosta. 95,691; May 21.
 Shoe. T. Kurz. 97,680; Dec. 3.
 Shoe. E. Lampel. 96,320; July 23.
 Shoe. J. Lanz. 95,968-9; June 18.
 Shoe. J. Lanz. 96,396-7; July 30.
 Shoe. J. Lanz. 97,330-1; Oct. 29.
 Shoe. D. Levin. Des. 94,430-1; Jan. 29.
 Shoe. D. Levin. Des. 95,049-50; Apr. 2.
 Shoe. D. Levin. 95,183; Apr. 16.
 Shoe. D. Levin. 95,361-2; Apr. 23.
 Shoe. D. Levin. 95,437-8; Apr. 30.
 Shoe. D. Levin. 95,527; May 7.
 Shoe. D. Levin. 95,693; May 21.
 Shoe. D. Levin. 97,490-1; Nov. '12.
 Shoe. D. Levin. 97,608-10; Nov. 26.
 Shoe. D. Levin. 97,682; Dec. 3.
 Shoe. J. Levine. Des. 94,274-5; Jan. 8.
 Shoe. H. Lieber. 95,528; May 7.
 Shoe. H. Lifschutz. Des. 94,846; Mar. 12.
 Shoe. P. Lorman. 96,617; Aug. 20.
 Shoe. P. Lorman. 96,927; Sept. 17.
 Shoe. A. W. Lutz. 96,324; July 23.
 Shoe. A. W. Lutz. 96,687; Aug. 27.
 Shoe. A. W. Lutz. 97,945; Dec. 24.
 Shoe. M. Margolin. 97,401; Nov. 5.
 Shoe. E. F. Mathews. 97,948; Dec. 24.
 Shoe. E. M. Meyer. 97,532; Nov. 19.
 Shoe. S. Meyer. 95,855; June 4.
 Shoe. C. Miller. Des. 94,434-5; Jan. 29.
 Shoe. C. Miller. Des. 94,506-7; Feb. 5.
 Shoe. C. Morali. 95,367-73; Apr. 23.
 Shoe. C. Morali. 95,532; May 7.
 Shoe. C. Morali. 96,620; Aug. 20.
 Shoe. C. Morali. 97,087-8; Oct. 1.
 Shoe. C. Morali. 97,200-1; Oct. 15.
 Shoe. C. Morali. 97,407; Nov. 5.
 Shoe. C. Morali. 97,498-9; Nov. 12.
 Shoe. L. D. Morrell. 97,533-4; Nov. 19.
 Shoe. L. A. Morrill. 95,699; May 21.
 Shoe. B. Morrison. 95,379; Apr. 23.
 Shoe. W. H. Mortimer. 96,773; Sept. 3.
 Shoe. S. W. Napier. Des. 94,436-7; Jan. 29.
 Shoe. P. J. Nicolau. Des. 94,619; Feb. 19.
 Shoe. P. J. Nicolau. Des. 94,706; Feb. 26.
 Shoe. P. J. Nicolau. Des. 95,059; Apr. 2.
 Shoe. H. W. Nieman. Des. 94,512; Feb. 5.
 Shoe. H. W. Nieman. Des. 95,061; Apr. 2.
 Shoe. H. W. Nieman. 95,534-9; May 7.
 Shoe. A. Perugia. Des. 94,233; Jan. 1.
 Shoe. A. Perugia. Des. 94,278; Jan. 8.
 Shoe. A. Perugia. Des. 94,513; Feb. 5.
 Shoe. A. Perugia. 95,540; May 7.
 Shoe. A. Perugia. 95,775-6; May 28.
 Shoe. A. Perugia. 95,861; June 4.
 Shoe. A. Perugia. 96,127-8; July 2.
 Shoe. G. Peterson. 97,783; Dec. 10.
 Shoe. F. B. Polley. 95,542; May 7.
 Shoe. F. B. Polley. 95,862-3; June 4.
 Shoe. A. Posner. Des. 95,064; Apr. 2.
 Shoe. C. Reggie. 95,146-7; Apr. 9.
 Shoe. R. Rome. 96,055; June 25.
 Shoe. G. B. Rosenfield. Des. 94,854; Mar. 12.
 Shoe. G. B. Rosenfield. 96,698; Aug. 27.
 Shoe. A. A. Ryan. Des. 94,282; Jan. 8.
 Shoe. A. A. Ryan. Des. 94,570; Feb. 12.
 Shoe. J. Sandler. Des. 94,519; Feb. 5.
 Shoe. E. Saugues. Des. 94,238-44; Jan. 1.
 Shoe. E. Saugues. Des. 94,283-4; Jan. 8.
 Shoe. E. Saugues. 96,514; Aug. 6.
 Shoe. J. Scacco. 96,057; June 25.
 Shoe. F. I. Sears. 97,337; Oct. 29.
 Shoe. R. Sederquist. 95,868; June 4.
 Shoe. R. Sederquist. 96,419; July 30.
 Shoe. P. M. Siegel. 95,991; June 18.
 Shoe. H. Simon. Des. 94,447-50; Jan. 29.
 Shoe. H. Simon. Des. 94,636; Feb. 19.
 Shoe. J. Sofransky. Des. 94,451-3; Jan. 29.
 Shoe. J. Sofransky. 95,383; Apr. 23.
 Shoe. J. Starr. 97,787-9; Dec. 10.
 Shoe. W. Stewart. 98,021-2; Dec. 31.
 Shoe. O. F. Stock. Des. 94,520-3; Feb. 5.
 Shoe. O. F. Stock. 96,427; July 30.
 Shoe. O. F. Stock. 97,152; Oct. 8.
 Shoe. K. A. Stritter. Des. 94,638-40; Feb. 19.
 Shoe. O. J. Sullivan. Des. 94,865; Mar. 12.
 Shoe. S. Troy. Des. 94,249; Jan. 1.
 Shoe. A. Turiansky. Des. 95,093; Apr. 2.
 Shoe. A. Turiansky. 95,940; June 11.
 Shoe. A. Turiansky. 95,995-8; June 18.
 Shoe. A. Turiansky. 96,066-8; June 25.
 Shoe. A. E. Wargman. 96,567; Aug. 13.
 Shoe. J. J. Walsh. 95,469-71; Apr. 30.
 Shoe. J. J. Walsh. 97,421; Nov. 5.
 Shoe. J. J. Walsh. 97,792-5; Dec. 10.
 Shoe. W. Weidner. Des. 95,097; Apr. 2.
 Shoe. P. L. Weiner. Des. 94,797; Mar. 5.
 Shoe. S. Weinstat. Des. 94,456; Jan. 29.
 Shoe. S. Weinstat. 95,193; Apr. 16.
 Shoe. P. Weinstein. Des. 94,582-7; Feb. 12.
 Shoe. P. Weinstein. Des. 94,798-9; Mar. 5.
 Shoe. P. Weinstein. Des. 95,096; Apr. 2.
 Shoe. P. Weinstein. 96,874-5; Sept. 10.
 Shoe. H. E. Williams. 95,472-3; Apr. 30.
 Shoe. H. E. Williams. 95,560-1; May 7.

- Shoe. H. E. Williams. 96,877; Sept. 10.
 Shoe. H. E. Williams. 97,004; Sept. 24.
 Shoe. C. Wolfelt. Des. 94,796; Mar. 5.
 Shoe. C. Wolfelt. Des. 94,801; Mar. 5.
 Shoe. C. Wolfelt. 95,194; Apr. 16.
 Shoe. R. Wylie. Des. 94,399-400; Jan. 22.
 Shoe. B. Zegorav. 95,567-8; May 7.
 Shoe. B. Zegorav. 96,950; Sept. 17.
 Shoe. E. Ziniti. 95,197; Apr. 16.
 Shoe. E. Ziniti. 95,394; Apr. 23.
 Shoe. E. Ziniti. 95,569; May 7.
 Shoe, Bathing. H. J. Hadfin. 95,204; Apr. 16.
 Shoe, Braided. S. Horowitz. 95,349-50; Apr. 23.
 Shoe container. G. P. Visscher. Des. 94,369; Jan. 15.
 Shoe heel. F. Bernstein. 96,006-7; June 25.
 Shoe heel. H. Darragh. 97,467; Nov. 12.
 Shoe heel. F. C. Lovejoy. Des. 95,052-4; Apr. 2.
 Shoe heel. F. C. Lovejoy. 96,043; June 25.
 Shoe insole or similar article. V. Gainor. 97,327; Oct. 29.
 Shoe or article of analogous nature. S. Brietman. 95,630; May 21.
 Shoe or article of analogous nature. R. E. Freeman. Des. 94,265; Jan. 8.
 Shoe or article of analogous nature. J. A. Goldberg. 95,413; Apr. 30.
 Shoe or article of analogous nature. A. E. Gordon. 95,954; June 18.
 Shoe or article of analogous nature. R. H. Jackson. Des. 94,902; Mar. 19.
 Shoe or article of analogous nature. J. G. Samuels. Des. 94,856-9; Mar. 12.
 Shoe or article of analogous nature. J. G. Samuels. Des. 94,993; Mar. 26.
 Shoe or article of analogous nature. J. Shapiro. 97,210; Oct. 15.
 Shoe or article of analogous nature. S. Weinstat. Des. 94,933; Mar. 19.
 Shoe or similar article. L. Audino. 95,788-9; June 4.
 Shoe or similar article. L. Audino. 96,082-4; July 2.
 Shoe or similar article. L. Audino. 96,719; Sept. 3.
 Shoe or similar article. M. M. Braun. 96,809-10; Sept. 10.
 Shoe or similar article. N. Elkin. 96,370; July 30.
 Shoe or similar article. N. Elkin. 96,535-7; Aug. 13.
 Shoe or similar article. N. Elkin. 97,471; Nov. 12.
 Shoe or similar article. N. Elkin. 97,637-8; Nov. 26.
 Shoe or similar article. N. Elkin. 97,762; Dec. 10.
 Shoe or similar article. G. A. Gleason. 96,246; July 16.
 Shoe or similar article. J. A. Goldberg. 97,275-80; Oct. 22.
 Shoe or similar article. J. A. Goldberg. 97,525; Nov. 19.
 Shoe or similar article. N. K. Kean. 96,390; July 30.
 Shoe or similar article. N. K. Kean. 96,987; Sept. 24.
 Shoe or similar article. J. Lanz. 96,613; Aug. 20.
 Shoe or similar article. D. La Valle. 96,843; Sept. 10.
 Shoe or similar article. W. B. Mackey. 97,613; Nov. 26.
 Shoe or similar article. S. Meyer. 96,995; Sept. 24.
 Shoe or similar article. C. Miller. 95,856-8; June 4.
 Shoe or similar article. S. Morgenstern. 97,301; Oct. 22.
 Shoe or similar article. A. Perugia. 96,412; July 30.
 Shoe or similar article. A. Perugia. 97,536; Nov. 19.
 Shoe or similar article. H. K. Phifer. 96,498-9; Aug. 6.
 Shoe or similar article. H. K. Phifer. 96,693; Aug. 27.
 Shoe or similar article. J. Sofransky. 95,870-1; June 4.
 Shoe or similar article. J. Sofransky. 96,143; July 2.
 Shoe or similar article. J. Sofransky. 96,784; Sept. 3.
 Shoe or similar article. S. Troy. 96,787; Sept. 3.
 Shoe or similar article. S. Troy. 96,872; Sept. 10.
 Shoe or similar article. S. Troy. 97,311; Oct. 22.
 Shoe or similar article. S. A. Wood. 95,886-7; June 4.
 Shoe sole. F. Berenstein. 96,721; Sept. 3.
 Shoe top protector. L. F. Geayer. 97,524; Nov. 19.
 Shoe vamp. M. F. Gantz. Des. 94,825; Mar. 12.
 Shoe vamp. R. Greenblatt. Des. 94,963; Mar. 26.
 Short and top combination underwear suit for men. L. Arons. 96,081; July 2.
 Shorts, Man's. E. Rothman. Des. 94,992; Mar. 26.
 Show case, Refrigerator. W. T. Hormes. 96,837; Sept. 10.
 Shower head. C. W. Hathaway and E. Krumsiek. 95,823; June 4.
 Shower head. H. Landgarten. 98,006; Dec. 31.
 Shower head and spray guide, Combined. R. H. Zinkil. 96,152; July 2.
 Shuffle-board game device. T. Reichard. 97,001; Sept. 24.
 Siding. J. J. Cahill and E. F. McClintock. 95,731; May 28.
 Sifter or the like. Flour. C. Andrews. 97,173; Oct. 15.
 Sifter powder box. P. E. Roehrich. 96,279; July 16.
 Sign. G. D. Duntze. 95,734; May 28.
 Sign. P. Hess. 95,254; Apr. 16.
 Sign. J. A. Howenstine. 96,309; July 23.
 Sign. R. G. Regester. 97,165; Oct. 8.
 Sign. R. G. Regester. 97,714; Dec. 3.
 Sign. F. B. Tschanz. Des. 94,792-4; Mar. 5.
 Signboard. J. H. Landers. 96,321; July 23.
 Sign board. M. L. Rosenbush. Des. 94,925; Mar. 19.
 Signboard, Advertising. W. R. Williamson. 97,448; Nov. 5.
 Signboard or similar article. G. W. Lehman. 97,556; Nov. 19.
 Sign for railway crossings, Road. L. M. Bradley. 95,397; Apr. 30.
 Sign or similar article, Illuminated advertising. I. Holzman. 95,588; May 14.
 Signal chime. L. G. Bergeron. Des. 94,324; Jan. 15.
 Signal lamp for automotive vehicles. B. L. Bobroff. 96,586; Aug. 20.
 Signal sign. A. G. Love. 96,400; July 30.
 Siphon-bottle head. H. J. Scott. 96,627; Aug. 20.
 Siphon head. E. W. Fuerst. 95,673; May 21.
 Skate. H. Stone. 95,466; Apr. 30.
 Skate, Roller. L. G. Knapp. Des. 94,769; Mar. 5.
 Skate, Roller. L. Marx. 95,208; Apr. 16.
 Skate, Roller. L. Marx. 95,442; Apr. 30.
 Skate, Roller. J. R. Morgan and J. S. Coldwell. 95,773; May 28.
 Skate, Roller. E. E. Whitney. 95,785; May 28.
 Ski boot. J. Lanz. 95,848; June 4.
 Skillet or similar article. L. H. Amrine. 96,002; June 25.
 Sled. J. M. Bowen. 96,217; July 16.
 Sled. Z. A. Hall. 96,546; Aug. 13.
 Sled. Z. A. Hall. 96,602; Aug. 20.
 Sled deck. J. M. Bowen. 96,218; July 16.
 Sled or similar article, Streamline. C. W. Morris. 96,195; July 9.
 Sled runner bracket. J. M. Bowen. 96,219; July 16.
 Sleeve holder. A. Schultz. 97,508; Nov. 12.
 Slicer, Food. J. R. Jones. 95,432; Apr. 30.
 Slide fasteners. W. D. Blatz. 97,035; Oct. 1.
 Slip. A. Fischer. 96,232; July 16.
 Slip. N. Bel Geddes. 96,244; July 16.
 Slip, Two-piece. M. E. Awamy. 95,790; June 4.
 Slipper. L. Goldberg. 96,541-2; Aug. 13.
 Slipper. A. Heilbrunn. Des. 94,348; Jan. 15.
 Slipper, Child's. L. Goldberg. 96,911; Sept. 17.
 Slipper, Lady's. A. J. Siegler. Des. 95,083-6; Apr. 2.
 Slipper, Lady's. A. J. Siegler. 96,205; July 9.
 Smoker's accessory and holder for poker chips and the like, Combination. H. A. Holland. Des. 94,548; Feb. 12.
 Smoker's appliance. E. H. Burdick. 96,648; Aug. 27.
 Smoker's pipe. R. R. Brady. 97,892; Dec. 24.
 Smoker's pipe. L. M. Francis. 95,739; May 28.
 Smoking pipe. T. B. Powers. Des. 95,063; Apr. 2.
 Smoking set, Combination. H. S. Long. 96,263; July 16.
 Smoking stand. W. J. Campbell. 95,221; Apr. 16.
 Smoking stand. W. J. Campbell. 95,401; Apr. 30.
 Smoking stand. W. Hoffmann. Des. 94,306-8; Jan. 8.
 Smoking stand. W. Hoffmann. Des. 94,690; Feb. 26.
 Smoking stand. A. H. Sander and E. G. Pratt. 97,147; Oct. 8.
 Smoking stand. E. Schultz. 95,550-1; May 7.
 Smoking stand. A. Spitzer. Des. 94,572; Feb. 12.
 Smoking stand and lighter, Combined. B. A. Dickerson. 97,802; Dec. 10.
 Soap of low moisture content, Producing powdered. B. Clayton, W. B. Kerrick, and H. M. Stadt. Des. 19,456; Feb. 12.
 Spectacle and eyeglass case. O. B. Carson. 96,588-9; Aug. 20.
 Spectacle bridge. H. Clements. 95,897; June 11.
 Spectacle frame. J. A. Martinez. 97,947; Dec. 24.
 Spectacle front. W. Brown. 96,156-7; July 9.
 Spectacle front. C. E. Emons. Des. 94,541; Feb. 12.
 Spectacle temple. O. B. Carson. 95,578; May 14.
 Speed power unit, Electrically driven variable. D. Heyer. 95,685; May 21.
 Speed transmission unit, Variable. P. B. Reeves. 97,241; Oct. 15.
 Spoon. W. Berger. 97,455; Nov. 12.
 Spoon, Ice cube. M. S. Dunkelberger. 95,949; June 18.
 Spoon or article of analogous nature. H. E. Nock. 97,143; Oct. 8.
 Spoon or other article of flatware. V. M. Conner. 95,898; June 11.
 Spoon or other article of flatware. E. J. Conroy. Des. 94,877; Mar. 19.
 Spoon or other article of flatware. M. A. Downs. 97,124; Oct. 8.
 Spoon or other article of flatware. G. A. Feinauer. 95,812; June 4.
 Spoon or other article of flatware. L. V. M. Helander. Des. 94,688; Feb. 26.
 Spoon or other article of flatware. L. V. M. Helander. 95,683; May 21.
 Spoon or other article of flatware. A. G. Kintz. Des. 94,906; Mar. 19.
 Spoon or other article of flatware. A. G. Kintz and F. W. Stark. Des. 94,907; Mar. 19.
 Spoon or other article of flatware. J. R. Price. 95,864; June 4.
 Spoon or other article of flatware. F. W. Stark. Des. 95,092; Apr. 2.
 Spoon or other article of flatware. F. R. Woodward. 96,074-5; June 25.
 Spoon or similar article. G. N. Allen. 96,577; Aug. 20.
 Spoon or similar article. G. N. Allen, C. A. Bennett, and L. E. Ressegger. 96,000; June 25.
 Spoon or similar article. G. N. Allen, M. P. Fleming, and C. A. Bennett. 95,109; Apr. 9.
 Spoon or similar article. P. B. Ball. Des. 94,939; Mar. 26.
 Spoon or similar article. F. W. Koonz. 97,294; Oct. 22.
 Spoon or similar article. R. E. Locher. Des. 94,229; Jan. 1.
 Spoon or similar article. G. N. Stieff. 96,940; Sept. 17.
 Spoon or similar article. G. N. Stieff and E. T. Baker. Des. 94,637; Feb. 19.
 Spoon or similar article. F. S. Trumbull. 95,160; Apr. 9.
 Spoon or similar article. F. S. Trumbull. 96,710; Aug. 27.
 Spoon or similar article. G. L. Turner. 96,711; Aug. 27.

- Spoon or similar article. W. S. Warren. Des. 94,931; Mar. 19.
- Spoon or similar article. W. S. Warren. 97,826; Dec. 10.
- Spoon or similar article. O. L. Westgate. 97,344; Oct. 29.
- Spoon or similar article. T. H. Wightman. Des. 94,934; Mar. 19.
- Spoon, Toothbrush. J. E. Peterkin and F. W. Marlow. 95,777; May 28.
- Spray gun. F. Wahlin. 95,719; May 21.
- Sprinkler and bird bath, Combined lawn. W. E. McCormick. 95,443; Apr. 30.
- Squeezer, Fruit juice. M. Halperin. 97,483; Nov. 12.
- Stand. K. Kipp. 97,351; Oct. 29.
- Stand and bowl, Combined ivy. S. Cantor. Des. 94,337; Jan. 15.
- Stand and bowl, Combined table. S. Cantor. Des. 94,336; Jan. 15.
- Stand and container therefor, Combined display. J. F. Daniell. 97,123; Oct. 8.
- Stand and containers, Combined leaf. S. Cantor. Des. 94,338; Jan. 15.
- Stand and cover for a bottle of perfume, Combined. P. H. Ganz. Des. 94,473; Feb. 5.
- Stand and hectograph roll storage cabinet, Combined hectograph duplicating machine. J. J. Flanagan. Des. 94,412; Jan. 29.
- Stand and holder, Combined flower. I. G. Scott and M. C. Fox. 95,710; May 21.
- Stand and holder, Flower. I. G. Scott and M. C. Fox. 96,418; July 30.
- Stand and holder for cigarettes or other articles, Combined. G. R. Thurman. 97,310; Oct. 22.
- Stand and lighter, Combined smoking. C. W. Beeston. 97,754; Dec. 10.
- Stand and perfume bottles therefor, Combined display. A. Botham. 97,725; Dec. 3.
- Stand and smoker's accessories, Combination smoking. W. Schlesinger. Des. 94,860; Mar. 12.
- Stand, Display. W. D. Canaday. Des. 94,537; Feb. 12.
- Stand, Display. W. D. Canaday and E. N. Brown. Des. 94,536; Feb. 12.
- Stand for a hammock or similar article. W. A. Moeller. 97,300; Oct. 22.
- Stand for a hand telephone, Desk. G. R. Lum. 95,765; May 28.
- Stand for hosiery or the like, Display. E. J. Berger. 95,797; June 4.
- Stand for potted plants, Display. F. A. Schurmann. 97,008; Oct. 1.
- Stand for sewing machines. H. T. Hollowell and F. Bennett. 97,285; Oct. 22.
- Stand for supporting testing equipment. W. K. Anderson. Des. 94,459; Feb. 5.
- Stand for the display of hors d'oeuvres, Service. L. Kessler. 95,353; Apr. 23.
- Stand for the display of hors d'oeuvres, Service. L. Kessler. 96,675; Aug. 27.
- Stand for the display of hors d'oeuvres, Service. E. A. Schuelke. 97,306; Oct. 22.
- Stand for toilet powders, Display. A. Botham. 97,756; Dec. 10.
- Stand or similar article, Display. H. K. Hays. 95,421; Apr. 30.
- Stand or similar article, Display. M. Myhalyk. Des. 94,849; Mar. 12.
- Stand or similar article, Smoking. H. Underberg. 95,212; Apr. 16.
- Stand or similar article, Vending machine. E. A. Laughery. 95,970; June 18.
- Stand or the like, Display. J. Stipeck. 96,867; Sept. 10.
- Standard and base for floor lamps, Combined. E. Schwarz. 95,459; Apr. 30.
- Standard for a candelabrum or other article. S. W. Farber. 96,374; July 30.
- Standard for a utility bench. A. Haas. 96,544; Aug. 13.
- Stapling device. E. C. Bunnell. Des. 94,259; Jan. 8.
- Station, Service. W. D. Teague. 97,539; Nov. 19.
- Statuette. M. Mescon and O. W. Doctor. Des. 94,617; Feb. 19.
- Statuette or similar article. L. E. Hansen. 96,386; July 30.
- Statuette or similar article. R. Hawkins. 97,602; Nov. 26.
- Statuette or similar article. R. T. Livingston. 96,616; Aug. 20.
- Steamer or similar article, Hot tamale. C. W. Mabey. Des. 94,614; Feb. 19.
- Steering wheel. J. D. Villas. 95,879; June 4.
- Stocking. J. Vollman. 95,294; Apr. 16.
- Stocking or similar article. S. S. Smith. 95,293; Apr. 16.
- Stool, Milking. E. D. Ely. 97,846; Dec. 17.
- Stopper for a perfume bottle. F. H. Hirsch. 97,553; Nov. 19.
- Stopper, Hot water bottle. A. Karn. 96,607; Aug. 20.
- Stopper, Sink. C. Petterson. 96,849; Sept. 10.
- Storage battery case. A. R. Karnosh. 96,760; Sept. 3.
- Storage battery case. O. O. Rieser. 95,455; Apr. 30.
- Storage battery case. O. O. Rieser. 95,546; May 7.
- Storage battery case. O. O. Rieser. 95,610-15; May 14.
- Storage battery case. O. O. Rieser. 95,704-8; May 21.
- Storage battery case. O. O. Rieser. 96,276-7; July 16.
- Storage battery case. O. O. Rieser. 96,338-40; July 23.
- Storage battery case. O. O. Rieser. 96,697; Aug. 27.
- Storage battery case. O. O. Rieser. 97,144; Oct. 8.
- Storage battery stand. E. E. Pease. 96,411; July 30.
- Store. J. F. Speck. 97,687; Dec. 3.
- Store fixture unit, Combination. T. Rapoport. 96,505; Aug. 6.
- Store front. P. Jackman. 96,252; July 16.
- Store front, Corner. A. S. Root and J. Levin. 97,166; Oct. 8.
- Store sign. B. Shapiro and I. M. Kay. 95,154; Apr. 9.
- Stove. G. M. Brown. 95,313; Apr. 23.
- Stove. C. L. Hardwick. Des. 94,894; Mar. 19.
- Stove. C. L. Hardwick. 95,345; Apr. 23.
- Stove. C. L. Hardwick. 95,422; Apr. 30.
- Stove. H. Lange. 95,272; Apr. 16.
- Stove. A. K. Weiskittel. 98,023; Dec. 31.
- Stove and utility cabinet, Combination cook. G. Steingruber. 96,865; Sept. 10.
- Stove, Buffet grill. A. S. Knapp. 97,530; Nov. 19.
- Stove cabinet or similar article. J. M. Moffat. Des. 94,510; Feb. 5.
- Stove, Cook. W. H. Adams. 96,884; Sept. 17.
- Stove, Cook. C. J. Rogers. 97,357; Oct. 29.
- Stove, Cooking. M. G. Klemme. 96,842; Sept. 10.
- Stove, Cooking. F. A. Leisen. 95,436; Apr. 30.
- Stove, Cooking. J. A. Underwood. 96,284; July 16.
- Stove, Heating. W. H. Adams and C. J. Kessler. 96,952-3; Sept. 24.
- Stove, Heating. L. S. Chadwick, M. Resek, and C. J. Kessler. Des. 94,597; Feb. 19.
- Stove, Heating. M. L. Hunker. 95,687; May 21.
- Stove or similar article, Cooking. F. K. Berry and A. J. Reedy. 96,008-9; June 25.
- Street sign. A. C. Anderson. Des. 94,458; Feb. 5.
- Street sign board. L. E. Best. Des. 94,943; Mar. 26.
- Street-traffic timing signal. J. H. Brady and J. J. Roberts. 97,586; Nov. 19.
- Suction cleaner casing. G. W. Walker. Des. 94,370; Jan. 15.
- Suction hair drier. C. S. Morse. 96,197; July 9.
- Sugar dispenser. A. E. Aviles. 96,364; July 30.
- Suit. S. Lipman. 97,298; Oct. 22.
- Suit. A. Sisselman. 97,020; Sept. 24.
- Suit, Bathing. A. L. Flesch. 97,269-71; Oct. 22.
- Suit, Bathing. M. E. Hayman. Des. 94,420; Jan. 29.
- Suit, Clown. J. Coyle. 96,532; Aug. 13.
- Suit, Lady's. L. H. Forsch. Des. 94,601-4; Feb. 19.
- Suit, Lady's. L. H. Forsch. Des. 94,670; Feb. 26.
- Suit, Lady's. L. H. Forsch. Des. 94,742; Mar. 5.
- Suit, Lady's. L. H. Forsch. 95,237-8; Apr. 16.
- Suit, Lady's. L. H. Forsch. 96,456; Aug. 6.
- Suit, Lady's. S. Vlock. 95,880; June 4.
- Suit, Snow. D. Itkin. 96,755; Sept. 3.
- Suit, Snow. D. Itkin. 97,392; Nov. 5.
- Suit, Two-piece beach. G. S. Walton. 97,623; Nov. 26.
- Suit, Women's. M. Goldman. 96,657; Aug. 27.
- Supporting frame. L. P. Weil. Des. 94,932; Mar. 19.
- Surface treating device. J. H. Smith. 96,630; Aug. 20.
- Surgical electrode device. H. S. Rubens. 97,617; Nov. 26.
- Suspender ends. M. Sachs. 96,416; July 30.
- Suspenders or the like for personal wear. M. Sachs. 96,417; July 30.
- Swatter blade, Fly. F. Hawkey. 95,346; Apr. 23.
- Swatter blade, Fly. A. L. Murray. 95,447; Apr. 30.
- Swatter, Fly. A. F. Shafter. 97,962; Dec. 24.
- Sweater. I. Louis. 97,334; Oct. 29.
- Sweater. D. Rheinauer. 95,927; June 11.
- Sweater and cap, Lady's combination knitted. A. L. Davis. Des. 94,297; Jan. 8.
- Sweater-blouse. W. P. McGrail. 96,404; July 30.
- Sweater, Lady's. H. Boepfle. 95,892; June 11.
- Sweater, Lady's. B. Epstein. 96,959; Sept. 24.
- Sweater, Lady's. B. Epstein. 97,044; Oct. 1.
- Sweeper, Carpet. R. C. Kadow. 96,756; Sept. 3.
- Sweeper, Carpet. F. Williams. 97,244; Oct. 15.
- Sweeper end plate, Carpet. F. W. Pullen. Des. 94,776; Mar. 5.
- Sweeper end plate, Carpet. F. Williams. 97,245; Oct. 15.
- Sweeper shell, Carpet. F. W. Pullen. 95,984; June 18.
- Swing. E. L. Weaver. 95,941; June 11.
- Swinging back for a baby carriage. D. W. Siebert. Des. 94,996; Mar. 26.
- Switch and fuse block, Combined. C. T. Hollingsworth. 96,551; Aug. 13.
- Switch and fuse panel board, Combined. H. J. L. Frank. 96,460; Aug. 6.
- Switch casing. F. Lobl. 95,851; June 4.
- Switch housing, Explosion proof. R. H. Olley. Des. 94,850; Mar. 12.
- Switch housing or similar article, Electric. W. L. Butler and N. J. Walsh. 97,905; Dec. 24.
- Switch knob and escutcheon plate, Combined. E. C. Booth. 97,376; Nov. 5.
- Table. N. P. Bloom. Des. 94,378; Jan. 22.
- Table. K. Kipp. 97,163; Oct. 8.
- Table. A. P. Swanson. 96,632-3; Aug. 20.
- Table and stool unit, Combined. F. Kelley. 96,841; Sept. 10.
- Tablecloth. M. Caplan. 96,724; Sept. 3.
- Tablecloth. W. C. Miller. 95,975-6; June 18.
- Tablecloth, Lace. H. D. Hooven, Jr. 95,957-60; June 18.
- Tablecloth, Lace. F. P. Otto. 95,981-2; June 18.
- Tablecloth or article of similar nature. M. Klein. 96,318; July 23.
- Table, Combination. I. H. Stern. 95,465; Apr. 30.

- Table for an ironing machine or the like. J. G. Rideout. 97,716; Dec. 3.
- Table jointer. T. L. Hedgpath. 97,643; Nov. 26.
- Table lamp. O. A. Reinhold. Des. 94,853; Mar. 12.
- Table or similar article. A. B. Davis. 97,548; Nov. 19.
- Table top. W. A. O'Brien. 95,923; June 11.
- Tank body, Semitrailer. D. A. Bering and D. W. Davisson. 97,248; Oct. 22.
- Tank stand, Horizontal. G. H. Evans. 96,454; Aug. 6.
- Tank vehicle body. A. A. Kramer. 95,843-4; June 4.
- Tank vehicle body. A. A. and J. M. Kramer. 95,845; June 4.
- Tank vehicle body. J. M. Kramer. 95,846-7; June 4.
- Tap or similar article. F. E. Rice. 96,696; Aug. 27.
- Tape measure. H. F. Ritter. 95,616; May 14.
- Tapestry. J. Cohen. 95,119; Apr. 9.
- Target. L. G. La Borie. 95,517; May 7.
- Target aeroplane for amusement devices. F. Schofer. 96,702; Aug. 27.
- Target, Dart game. A. S. Hanlyn. 95,340; Apr. 23.
- Tassel for pull cords. H. K. Lorentzen. 96,489; Aug. 6.
- Tassel for pull cords. H. K. Lorentzen. 96,770; Sept. 3.
- Tea kettle. L. Guild. 97,482; Nov. 12.
- Teakettle, Electric. R. N. Kircher. 95,354; Apr. 23.
- Teakettle or similar article. Whistling. C. S. Keating. 96,988; Sept. 24.
- Teapot. C. Kaiser. 95,749; May 28.
- Teapot. C. Kaiser. 95,756; May 28.
- Teapot. E. C. Mills. 95,278; Apr. 16.
- Teapot or similar article. B. Kogan. Des. 94,912; Mar. 19.
- Tea server. R. G. Cowan. 97,921; Dec. 24.
- Tea warmer or similar article. E. M. Bottome. Des. 94,182; Jan. 1.
- Telephone. Hand. G. R. Lum. 95,915; June 11.
- Telephone receiver base. P. J. Cannon. 96,018; June 25.
- Telephone switch set or similar article, Inter-communicating. C. L. Herriek. 95,425; Apr. 30.
- Telescope sight. C. W. Hageman. 96,664; Aug. 27.
- Temple member for spectacles or similar articles. E. Reynolds. Des. 94,392; Jan. 22.
- Temple member for spectacles or similar articles. E. Reynolds. 97,957; Dec. 24.
- Tennis racket or similar article. M. Van Schelle and J. Allen. 95,878; June 4.
- Testing and charging rack, Combined. B. F. W. Heyer. 97,132; Oct. 8.
- Textile fabric. F. A. Baronio. 96,584-5; Aug. 20.
- Textile fabric. T. S. Blum. 97,111; Oct. 1.
- Textile fabric. H. Blum. 97,982-4; Dec. 31.
- Textile fabric. F. O. Boessneck. 95,218; Apr. 16.
- Textile fabric. F. O. Boessneck. 95,945; June 18.
- Textile fabric. M. Brown. 96,088; July 2.
- Textile fabric. A. C. Brulne. 96,015-17; June 25.
- Textile fabric. A. C. Brulne. 97,988; Dec. 31.
- Textile fabric. N. E. Burgess. 97,037; Oct. 1.
- Textile fabric. N. E. Burgess. 97,258-60; Oct. 22.
- Textile fabric. N. E. Burgess. 97,431; Nov. 5.
- Textile fabric. N. E. Burgess. 97,462-3; Nov. 12.
- Textile fabric. N. E. Burgess. 97,591; Nov. 26.
- Textile fabric. N. E. Burgess. 97,728; Dec. 3.
- Textile fabric. N. E. Burgess. 97,757-8; Dec. 10.
- Textile fabric. N. E. Burgess. 97,800; Dec. 10.
- Textile fabric. H. Chassman. 97,989; Dec. 31.
- Textile fabric. C. E. Forstmann. Des. 94,472; Feb. 5.
- Textile fabric. C. E. Forstmann. Des. 94,671; Feb. 26.
- Textile fabric. C. E. Forstmann. Des. 94,743; Mar. 5.
- Textile fabric. C. E. Forstmann. Des. 94,816; Mar. 12.
- Textile fabric. C. E. Forstmann. Des. 94,818-19; Mar. 12.
- Textile fabric. C. E. Forstmann. Des. 94,879; Mar. 19.
- Textile fabric. C. E. Forstmann. Des. 94,954-5; Mar. 26.
- Textile fabric. C. E. Forstmann. Des. 95,030-2; Apr. 2.
- Textile fabric. C. E. Forstmann. 95,126; Apr. 9.
- Textile fabric. C. E. Forstmann. 95,404; Apr. 30.
- Textile fabric. C. E. Forstmann. 95,581; May 14.
- Textile fabric. C. E. Forstmann. 96,028; June 25.
- Textile fabric. C. E. Forstmann. 96,101-3; July 2.
- Textile fabric. C. E. Forstmann. 96,377-8; July 30.
- Textile fabric. C. E. Forstmann. 96,458-9; Aug. 6.
- Textile fabric. C. E. Forstmann. 96,538; Aug. 13.
- Textile fabric. C. E. Forstmann. 97,046; Oct. 1.
- Textile fabric. C. E. Forstmann. 97,184-5; Oct. 15.
- Textile fabric. C. E. Forstmann. 97,226-7; Oct. 15.
- Textile fabric. C. E. Forstmann. 97,599; Nov. 26.
- Textile fabric. C. E. Forstmann. 97,732-3; Dec. 3.
- Textile fabric. D. F. Greenawalt. 95,907-8; June 11.
- Textile fabric. S. S. Gutlon. 97,642; Nov. 26.
- Textile fabric. B. Haertel. 97,815; Dec. 10.
- Textile fabric. A. Hafner. 96,981; Sept. 24.
- Textile fabric. A. Hafner. 97,053-8; Oct. 1.
- Textile fabric. A. Hafner. 97,283-4; Oct. 22.
- Textile fabric. E. I. Hanson. 97,369; Oct. 29.
- Textile fabric. E. I. Hanson. 97,527; Nov. 19.
- Textile fabric. E. J. Hardmeyer. 97,370-1; Oct. 29.
- Textile fabric. W. R. Haywood. 95,824; June 4.
- Textile fabric. W. R. Haywood. 96,249; July 16.
- Textile fabric. W. R. Haywood. 96,576; Aug. 13.
- Textile fabric. A. J. Heinke. 95,251; Apr. 16.
- Textile fabric. J. P. Holmes. Des. 94,309; Jan. 8.
- Textile fabric. M. U. Juestrich. 95,964; June 18.
- Textile fabric. H. I. Kronthal. 97,033; Sept. 24.
- Textile fabric. W. A. Landry. Des. 94,842; Mar. 12.
- Textile fabric. W. A. Landry. 96,554; Aug. 13.
- Textile fabric. W. A. Landry. 97,772-3; Dec. 10.
- Textile fabric. W. A. Landry. 98,007-8; Dec. 31.
- Textile fabric. S. Levine. 97,493; Nov. 12.
- Textile fabric. J. P. Meehan. 97,859; Dec. 17.
- Textile fabric. J. Morris. 97,440; Nov. 5.
- Textile fabric. E. Potter. Des. 94,988; Mar. 26.
- Textile fabric. J. W. Powdrell. 97,822; Dec. 10.
- Textile fabric. W. Robinson and J. Westemeyer. 96,278; July 16.
- Textile fabric. E. S. Ross. 95,288; Apr. 16.
- Textile fabric. E. S. Ross. 95,380; Apr. 23.
- Textile fabric. E. S. Ross. 97,717; Dec. 3.
- Textile fabric. E. S. Ross. 97,743; Dec. 3.
- Textile fabric. P. F. Rothmann. 97,168; Oct. 8.
- Textile fabric. S. Scheindelman. 97,415-16; Nov. 5.
- Textile fabric. J. Todd. 95,875; June 4.
- Textile fabric. J. L. Walther. 97,621; Nov. 26.
- Textile fabric. A. White. 97,628; Nov. 26.
- Textile fabric. A. White. 97,655-6; Nov. 26.
- Textile fabric. W. T. Young. 97,317; Oct. 22.
- Textile fabric. W. T. Young. 97,320; Oct. 22.
- Textile fabric, Knitted. W. J. Beniston. Des. 95,010; Apr. 2.
- Textile fabric, Knitted. M. Feldman. 97,125; Oct. 8.
- Textile fabric or similar article. L. Conrad. 97,842; Dec. 17.
- Textile fabric or similar article. H. Giebel. 97,995; Dec. 31.
- Textile fabric or similar article. L. Harttmann. 97,771; Dec. 10.
- Textile fabric or similar article. A. C. Jaeger. 96,042; June 25.
- Textile fabric or similar article. J. L. Lien. 95,764; May 28.
- Textile fabric or similar article. J. L. Lien. 96,925; Sept. 17.
- Textile fabric or similar article. J. L. Lien. 96,993; Sept. 24.
- Textile fabric or similar article. J. J. Maibach. 95,531; May 7.
- Textile fabric or similar article. W. H. Mayer, Jr. 95,853; June 4.
- Textile fabric or similar article. B. Rosenbloom. 97,145; Oct. 8.
- Textile fabric or similar article. S. M. Schwartz. 96,862; Sept. 10.
- Textile fabric or similar article. W. Speck. 96,517; Aug. 6.
- Textile fabric or similar article. W. Willheim. 97,572; Nov. 19.
- Textile fabric or similar article of manufacture. E. M. Cohen and J. Olenick. 96,899-902; Sept. 17.
- Textile fabric or similar article of manufacture. E. M. Cohen and J. Olenick. 97,223-5; Oct. 15.
- Textile fabric or similar article of manufacture. E. M. Cohen and J. Olenick. 97,262; Oct. 22.
- Textile fabric or similar article of manufacture. E. M. Cohen and J. Olenick. 97,464; Nov. 12.
- Textile fabric or similar article of manufacture. W. F. Cook. 97,761; Dec. 10.
- Textile fabric or similar article of manufacture. G. Deist. 95,489; May 7.
- Textile fabric or similar article of manufacture. G. Deist. 97,179; Oct. 15.
- Textile fabric or similar article of manufacture. J. F. Gaul, Jr. Des. 94,414-15; Jan. 29.
- Textile fabric or similar article of manufacture. J. F. Gaul, Jr. Des. 94,605; Feb. 19.
- Textile fabric or similar article of manufacture. J. F. Gaul, Jr. Des. 94,673; Feb. 26.
- Textile fabric or similar article of manufacture. J. F. Gaul, Jr. 95,128; Apr. 9.
- Textile fabric or similar article of manufacture. J. F. Gaul, Jr. 95,952; June 18.
- Textile fabric or similar article of manufacture. J. F. Gaul, Jr. 96,031-2; June 25.
- Textile fabric or similar article of manufacture. J. F. Gaul, Jr. 96,175; July 9.
- Textile fabric or similar article of manufacture. J. F. Gaul, Jr. 96,240-3; July 16.
- Textile fabric or similar article of manufacture. J. F. Gaul, Jr. 96,462; Aug. 6.
- Textile fabric or similar article of manufacture. K. I. Ostow. 96,998; Sept. 24.
- Textile fabric or similar article of manufacture. H. Schick. 96,563; Aug. 13.
- Textile fabric or similar article of manufacture. A. Schumacher. Des. 95,079; Apr. 2.
- Textile fabric or similar article of manufacture. A. Schumacher. 95,781; May 28.
- Textile fabric or similar article of manufacture. A. Schumacher. 95,933; June 11.
- Textile fabric or similar article of manufacture. A. Schumacher. 96,059; June 25.
- Textile fabric or similar article of manufacture. A. Schumacher. 97,097; Oct. 1.
- Textile fabric or the like. E. Alper. 95,213; Apr. 16.
- Textile fabric or the like, Embroidered. W. G. Meier. 97,860; Dec. 17.
- Textile fabric or the like, Embroidered. W. G. Meier. 97,884; Dec. 17.
- Textile pile fabric. J. Todd. 97,153; Oct. 8.
- Therapeutic heater. I. Ročič. 97,823; Dec. 10.
- Thermometer. H. B. Brown. 96,587; Aug. 20.
- Thermometer. G. W. Coulman. 96,094; July 2.
- Thermometer. C. E. Shewalter. Des. 95,082; Apr. 2.

- Thermometer. C. E. Shewalter. 95,155; Apr. 9.
 Thermometer. A. L. Stenwedel. Des. 94,576; Feb. 12.
 Thermometer. W. von Nessen. 96,521; Aug. 6.
 Thermometer. W. von Nessen. 96,946; Sept. 17.
 Thermometer. A. Zadok. 97,110; Oct. 1.
 Thermometer bulb protecting cap. J. L. Chaney. 95,402; Apr. 30.
 Thermostat cover, Room. L. J. Schanz. 96,562; Aug. 13.
 Tie rack. M. Britz. 97,114; Oct. 8.
 Timer case. B. Kogan. 97,939; Dec. 24.
 Timer case. R. E. Patten. 97,952; Dec. 24.
 Tinsel, Crinkled. P. Kranz and A. Hartmann. 96,190; July 9.
 Tire. A. Balthazar. 96,580-1; Aug. 20.
 Tire. A. Balthazar and J. E. Allen. 95,622-5; May 21.
 Tire. H. A. Brittain. 96,812; Sept. 10.
 Tire. B. Darrow. 96,819; Sept. 10.
 Tire. B. Darrow. 97,468; Nov. 12.
 Tire. A. Hargraves. 95,248-9; Apr. 16.
 Tire. G. A. Handy. 96,603; Aug. 20.
 Tire. C. E. Maynard. 95,916; June 11.
 Tire. A. McEvoy. 97,083; Oct. 1.
 Tire. C. Samson. 96,778; Sept. 3.
 Tire. W. E. Shively. 97,149; Oct. 8.
 Tire, Automobile. H. C. Hower. Des. 94,974; Mar. 26.
 Tire, Automobile. H. C. Hower. 96,184; July 9.
 Tire, Automobile. H. C. Hower. 97,162; Oct. 8.
 Tire casing. E. Rosenfeld. Des. 94,517; Feb. 5.
 Tire casing. C. W. Yelm and H. M. Flint. 97,750; Dec. 3.
 Tire demonstrator. N. E. McLaughlin. 97,739; Dec. 3.
 Tire or similar article. R. W. Hutchens. 95,746; May 28.
 Tire, Pneumatic. P. M. Bourdon. 97,255; Oct. 22.
 Tire, Vehicle. G. W. Anderson. 96,796-7; Sept. 10.
 Toaster. F. D. Chapman. 96,449; Aug. 6.
 Toaster and tray, Combined sandwich. A. S. Knapp. 96,481; Aug. 6.
 Toaster and tray, Combined sandwich. A. S. Knapp. 96,677; Aug. 27.
 Toaster, Automatic. A. O. Samuels. 97,209; Oct. 15.
 Toaster casing. A. S. Knapp. 96,764; Sept. 3.
 Toaster casing. A. S. Knapp. 97,396; Nov. 5.
 Toaster, Electric. E. A. Farr. 97,182; Oct. 15.
 Toaster or the like. A. J. Ackerman. 97,659; Dec. 3.
 Tobacco pipe. F. Büttner. Des. 94,295; Jan. 8.
 Toggery rack. R. E. Hamilton. 97,999; Dec. 31.
 Toilet. G. C. Duncan, Jr. 95,733; May 28.
 Toilet accessory container. J. S. Lindemann. 96,192; July 9.
 Toilet paper holder. W. M. Levett. 97,398; Nov. 5.
 Toilet powder holder. R. Guerlain. 96,112; July 2.
 Tongue for a shoe, Kiltie. G. A. Gleason. 97,809-10; Dec. 10.
 Toothbrush. C. W. Fuller. 95,405; Apr. 30.
 Toothbrush. W. W. Haddley. Des. 94,303; Jan. 8.
 Toothbrush, Finger. R. G. Stevens. 97,360; Oct. 29.
 Toothbrush handle. M. Rudolf. 98,041-2; Dec. 31.
 Toothbrush, Rotary. G. S. Hampe. Des. 94,547; Feb. 12.
 Tooth powder applicator. L. O. Waller. 95,163; Apr. 9.
 Top. M. Michelson. 96,619; Aug. 20.
 Top, Spinning. L. Nagy and E. Zelenak. Des. 94,705; Feb. 26.
 Top spinning device. E. Kleinfen. 95,758; May 28.
 Torch body. D. M. Hasbrock. 95,420; Apr. 30.
 Totem pole and picture transposer toy. R. F. Ford. 97,160; Oct. 8.
 Toy. T. L. Bissell. Des. 94,944; Mar. 26.
 Toy. W. S. Carr. Des. 94,596; Feb. 19.
 Toy. H. T. Hipwell. 96,833-4; Sept. 10.
 Toy. K. Schmidt. 96,139; July 2.
 Toy boat. J. K. Weddell. Des. 95,004; Mar. 26.
 Toy dog. H. A. Kephart. 97,852; Dec. 17.
 Toy dog. H. S. Stronach. 97,620; Nov. 26.
 Toy duck. E. McCandlish. 96,994; Sept. 24.
 Toy locomotive. L. Marx. 95,768; May 28.
 Toy model ships hull. W. Kramer. 95,692; May 21.
 Toy or the like. Wind reed musical organ. H. Pullen. 96,414; July 30.
 Toy penguin. C. B. Steele. Des. 94,454; Jan. 29.
 Toy train. J. P. Tysdal. 97,446; Nov. 5.
 Toy vehicle or the like. W. Baetz. 95,791-3; June 4.
 Toy wagon. C. C. Blackmore. 95,117; Apr. 9.
 Toy wagon. C. C. Blackmore. 96,296; July 23.
 Toy weapon, Pistol-like. L. Marx. Des. 94,312; Jan. 8.
 Toy, Wheeled. H. T. Kingsbury. 97,487; Nov. 12.
 Tractor and refrigerator truck trailer, Combined. I. J. Clark. 96,817; Sept. 10.
 Trailer. T. E. McFall. 97,139-41; Oct. 8.
 Trailer. E. H. Perkins and H. E. Mills. 97,648; Nov. 26.
 Trailer. J. W. Small and E. W. Pahlke. 97,443; Nov. 5.
 Trailer and canopy, Combined. T. E. McFall. 97,239; Oct. 15.
 Trailer tank. R. A. Bradley and V. C. Norquist. 95,219; Apr. 16.
 Transformer cabinet. A. C. Haggstrom. 97,588; Nov. 19.
 Transformer casing. R. A. Dickson. 95,669; May 21.
 Transformer housing. H. S. Rubens. 97,146; Oct. 8.
 Traveling bag. A. Kaufmann. 97,603; Nov. 26.
 Traveling bag. M. L. Lee. 95,138; Apr. 9.
 Tray. L. F. Fyles. 98,029; Dec. 31.
 Tray. L. Guild. Des. 94,209; Jan. 1.
 Tray. L. Marder. 95,599; May 14.
 Tray. E. Worthington. 97,031; Sept. 24.
 Tray and cigarette holder, Combined ash. G. H. Reimer. 97,786; Dec. 10.
 Tray and container unit, Combined refrigerator. C. Daum. 96,450; Aug. 6.
 Tray and dish, Combined. J. Pavelka, Jr. 98,014; Dec. 31.
 Tray and game board. G. V. Post. 96,199; July 9.
 Tray and match box holder, Combined ash. N. B. Halporn. Des. 94,758; Mar. 5.
 Tray and saltcellar stand, Combination. M. J. Buchanan. 95,947; June 18.
 Tray, Ash. W. J. Butts. 95,201; Apr. 16.
 Tray, Ash. E. Frantz. Des. 95,033; Apr. 2.
 Tray, Ash. R. P. Harshberger. 96,037; June 25.
 Tray, Ash. M. J. Lewis. Des. 95,051; Apr. 2.
 Tray, Ash. L. Guild. Des. 94,302; Jan. 8.
 Tray, Ash. M. J. Lewis. Des. 94,978; Mar. 26.
 Tray, Combined pipe and smoking. W. Suhr. 96,942; Sept. 17.
 Tray, Covered. L. Guild. Des. 94,214; Jan. 1.
 Tray for a high chair. E. L. Bolster. Des. 94,731; Mar. 5.
 Tray, Hors d'oeuvre. U. Herring. Des. 94,833; Mar. 12.
 Tray, Ice. R. E. Kruck. 95,967; June 18.
 Tray or similar article. A. J. Ackerman. 97,543; Nov. 19.
 Tray or similar article. A. J. Ackerman. 97,662; Dec. 3.
 Tray or similar article. A. H. Buck. Des. 94,870; Mar. 19.
 Tray or similar article. L. Guild. 95,246; Apr. 16.
 Tray or similar article, Ash. W. Nuzum. 96,774; Sept. 3.
 Tray or similar article, Ash. H. Rubenstein. 96,135; July 2.
 Tray or similar article, Ash. B. Weissman. 96,209. July 9.
 Tray or similar article, Ash. W. Wleczorek. 96,949; Sept. 17.
 Tray or similar article, Round ash. A. L. Kramer. 97,073; Oct. 1.
 Tray or similar receptacle, Ash. M. A. King. Des. 94,768; Mar. 5.
 Tray, Serving. B. S. Van Dusen. Des. 94,642; Feb. 19.
 Tray supporting grids, Ice. A. E. Mullen. 95,140; Apr. 9.
 Treatment chair. H. J. Kalter. 96,757; Sept. 3.
 Tree, or similar article of manufacture, Artificial. R. H. Van Marter. 95,468; Apr. 30.
 Trimmer for cards or similar articles, Corner. J. C. Andersen. 97,664; Dec. 3.
 Trimming, Embroidered. J. Numan. Des. 94,922; Mar. 19.
 Trimming for shoes or similar article. F. P. Wagner. 97,312-14; Oct. 22.
 Trisect aircraft chair. L. C. McCarty, Jr., and D. M. Helwig. 97,015; Sept. 24.
 Trough, Ash. R. O. Nerelim. 97,202; Oct. 15.
 Trousers. D. and S. Segelin. 97,719; Dec. 3.
 Truck, Dump body. C. G. Eisenberg, Jr. 97,159; Oct. 8.
 Truck, Hand. G. P. Morse and L. Lidsky. 96,494; Aug. 6.
 Truck, Milk. D. S. McGuire. 97,084; Oct. 1.
 Truck, Motor driven tank. R. E. Billings. 95,116; Apr. 9.
 Truck tank. O. N. Gredell. 96,181; July 9.
 Tub, Washing machine. A. W. Altorfer. 96,437; Aug. 6.
 Tube or similar container. F. McIntosh. 95,276; Apr. 16.
 Tubing cutter. W. O. Thewes. 97,513; Nov. 12.
 Tubing, Metal furniture. E. Rosenburgh. 96,508-9; Aug. 6.
 Tumbler. A. J. Dreitzer. 95,318; Apr. 23.
 Tumbler. A. L. Key. 97,486; Nov. 12.
 Tumbler. J. E. Spence. 97,103; Oct. 1.
 Tumbler, Glass. G. Dougherty. 96,731; Sept. 3.
 Tumbler, Glass. J. G. Funrock. 96,737; Sept. 3.
 Tumbler or similar article. A. L. Kramer. 95,593; May 14.
 Tumbler or similar article. E. W. Newton. 96,622; Aug. 20.
 Tumbler or similar article. C. A. Straus. 96,566; Aug. 13.
 Tumbler or similar article, Footed. R. S. Lazenby. 97,013; Sept. 24.
 Type font, Printing. H. A. Trafton. 95,876; June 4.
 Typewriting machine. H. E. Bridgwater. 97,430; Nov. 5.
 Typewriting machine. L. C. Myers. Des. 94,511; Feb. 5.
 Uniform, One-piece. F. H. Anderson. 96,079; July 2.
 Upholstery fabric. H. Wilde. 95,167; Apr. 9.
 Urn, Coffee. D. L. Heath. 96,606; Aug. 20.
 Utensil, Grill. J. L. Bennett and S. A. Platt. 95,574; May 14.
 Utensil or similar article, Food. J. J. Sindler. Des. 95,088; Apr. 2.
 Utensil support for a cook stove. S. H. Hobson. Des. 94,349; Jan. 15.
 Vacuum cleaner. E. G. Ahnström. 96,525; Aug. 13.
 Vacuum cleaner casing. E. G. Ahnström. 97,967; Dec. 24.
 Vacuum cleaner casing. H. H. Dulany. 96,823; Sept. 10.
 Vacuum cleaner casing. D. Hays. 95,206; Apr. 16.
 Valve and strainer housing, Combined. W. and W. V. Czarnecki, Jr. Des. 94,734; Mar. 5.
 Vanity box, Lady's. G. Rosenberg. 95,211; Apr. 16.
 Vanity case. H. L. Bernstein. 95,798; June 4.
 Vanity case. P. H. Ganz. 97,549; Nov. 19.
 Vanity case. E. S. Ireland. Des. 94,762; Mar. 5.
 Vanity case. E. S. Ireland. Des. 94,900; Mar. 19.
 Vanity case. F. R. Johnson. 95,430; Apr. 30.
 Vanity case. A. Klein and L. Esterow. 95,263-5; Apr. 16.
 Vanity case. F. N. Lewis. 96,125; July 2.
 Vanity case. A. F. Reilly. 96,133; July 2.
 Vanity case. C. J. Walinsky. 95,296; Apr. 16.
 Vanity case. A. Wewetzer. 96,073; June 25.
 Vanity case. A. Wewetzer. 96,714; Aug. 27.
 Vanity case and purse, Combination. A. F. Reilly. 96,851; Sept. 10.

- Vanity case or similar article. T. Sundin. Des. 94,927; Mar. 19.
- Vanity case or similar article. D. H. Zell. 96,076-7; June 25.
- Vaporizer. J. R. Neill. 96,690; Aug. 27.
- Vaporizer, Electrical. J. Robinson. 97,350; Oct. 29.
- Vaporizer, Non-electrical. J. Robinson. 97,094; Oct. 1.
- Vase. L. Guild. 95,503-5; May 7.
- Vase or similar article, Flower. M. B. Solomon. 96,707; Aug. 27.
- Vault, Burial. W. E. Jaquith. 95,747; May 28.
- Vault, Burial. J. M. Seely. 97,744; Dec. 3.
- Vault, Burial. R. E. Smith. 96,631; Aug. 20.
- Vault, Grave. F. H. Endres. 96,166; July 9.
- Vault hood or similar article, Grave. A. F. Beck. 95,396; Apr. 30.
- Vehicle. R. L. Carr. Des. 94,296; Jan. 8.
- Vehicle. W. O. H. Freund. 96,654; Aug. 27.
- Vehicle, Advertising. E. J. B. La Lumiere. 97,076; Oct. 1.
- Vehicle body. F. J. Hayden. Des. 94,896; Mar. 19.
- Vehicle, Child's. H. L. Kraeft. Des. 94,975; Mar. 26.
- Vehicle, Child's. H. L. Kraeft. Des. 95,045; Apr. 2.
- Vehicle, Child's. G. R. Mellon. 95,770; May 28.
- Vehicle, Child's wheeled. J. H. Stevenson. 95,557; May 7.
- Vehicle heater, Automotive. H. Rose. 96,856; Sept. 10.
- Vehicle instrument panel or similar article. J. Tjaarda. 96,943; Sept. 17.
- Vehicle, Tank. F. G. Thwaites. Des. 94,790-1; Mar. 5.
- Vehicle wheel. C. L. Eksergian. 96,824; Sept. 10.
- Velocipede. W. H. Adams. 97,172; Oct. 15.
- Velocipede. B. J. Anderson. 97,545; Nov. 19.
- Velocipede. G. E. Bullock. Des. 94,185; Jan. 1.
- Velocipede. G. E. Bullock. Des. 94,649; Feb. 26.
- Velocipede. K. W. Hedstrom. 95,423-4; Apr. 30.
- Velocipede. K. W. Hedstrom. 95,826; June 4.
- Velocipede. H. L. Kraeft. 96,189; July 9.
- Velocipede. O. W. Siebert. 96,344; July 23.
- Velocipede. H. L. van Doren, and J. G. Rideout. 96,432; July 30.
- Velocipede. H. L. van Doren and J. G. Rideout. 96,636; Aug. 20.
- Velocipede. H. L. van Doren and J. G. Rideout. 96,712-13; Aug. 27.
- Velocipede base plate. E. C. Garton. 97,808; Dec. 10.
- Velocipede frame. R. J. Rader. 96,503; Aug. 6.
- Velocipede frame member. B. J. Anderson. 96,153; July 9.
- Vending machine. E. E. Collison and C. R. Kirk. 96,162; July 9.
- Vending machine and condiment stand or similar article, Combined. J. Kunen. 97,854; Dec. 17.
- Vending machine cabinet. O. D. Soellner. 95,156; Apr. 9.
- Vending machine casing. B. W. Fry. 95,582; May 14.
- Vending machine casing. H. Witte. 97,425; Nov. 5.
- Ventilator casing. W. H. Kirchheim and F. C. Reynolds. 97,605; Nov. 26.
- Ventilator casing. F. Manning. 97,614; Nov. 26.
- Ventilator casing. F. Manning. 97,646; Nov. 26.
- Ventilator casing. R. E. Patten. 97,615; Nov. 26.
- Vessel for oil refinery, Fluid treating. R. M. Parsons. 97,741; Dec. 3.
- Vibrator, Concrete. F. G. Douglass. 97,731; Dec. 3.
- Waffle baker. E. Worthington and M. Ireland. 97,879; Dec. 17.
- Waffle iron. F. D. Chapman. 96,447; Aug. 6.
- Waffle iron. J. A. Salvia. 95,931; June 11.
- Waffle iron and tray, Combined. A. S. Knapp. 96,480; Aug. 6.
- Waffle iron and tray, Combined. A. S. Knapp. 97,397; Nov. 5.
- Waffle iron or similar article. A. J. Ackerman. 97,544; Nov. 19.
- Wagon, Coaster. J. B. Eck. 95,580; May 14.
- Wagon, Coaster. J. G. Rideout. Des. 94,569; Feb. 12.
- Wagon, Coaster. J. G. Rideout. 97,206; Oct. 15.
- Wagon or similar article, Play. H. Bregman. 97,461; Nov. 12.
- Wagon or similar article, Tea. A. Burrage. 96,226; July 16.
- Wagon, Toy. W. G. Laird. 97,607; Nov. 26.
- Wall bracket lamp. O. G. Hildebrand. Des. 94,483; Feb. 5.
- Wall bracket lamp. O. G. Hildebrand. 97,069; Oct. 1.
- Wall for gas heaters, Back. H. R. Humphrey. 95,136; Apr. 9.
- Warning sign. A. W. Felz. 98,028; Dec. 31.
- Washing machine. L. Guild. Des. 94,892; Mar. 19.
- Washing machine. R. E. Patten. Des. 94,986; Mar. 26.
- Washing machine. R. E. Patten. Des. 95,062; Apr. 2.
- Washing machine. M. R. Scott. 96,137; July 2.
- Washing machine and wringer therefor, Combined. R. E. Patten. 95,451; Apr. 30.
- Washing machine casing. A. W. Altorfer. 96,438; Aug. 6.
- Washing machine casing. F. W. McGrath. Des. 94,503; Feb. 5.
- Washing machine casing. G. W. Walker. 96,788-91; Sept. 3.
- Washing machine casing and wringer, Combined domestic. C. E. Morgenstern. 95,446; Apr. 30.
- Watch. J. E. Sunshine. 96,208; July 9.
- Watch bracelet. A. Bulova. 96,813; Sept. 10.
- Watch holder. E. S. Ireland. Des. 94,765; Mar. 5.
- Watch holder. E. S. Ireland. 96,475; Aug. 6.
- Watch holder. E. S. Ireland. 96,553; Aug. 13.
- Water closet. J. A. Callahan. 97,839; Dec. 17.
- Water closet. J. Tjaarda. 97,874; Dec. 17.
- Water closet or similar article. D. S. Williams. 97,796; Dec. 10.
- Water color. A. S. Karper. 96,259; July 16.
- Water heater. A. F. Craver. 96,904; Sept. 17.
- Water heater. H. J. Long. 97,944; Dec. 24.
- Water heater, Instantaneous. A. Youngholm. 95,562; May 7.
- Water heater unit, Automatic. H. A. Craig. 96,595; Aug. 20.
- Wedding ring. J. Granat. Des. 94,476; Feb. 5.
- Wedding ring. L. Jaffe. 95,428; Apr. 30.
- Weighing and advertising device, Combined. G. G. Eidman. 96,025; June 25.
- Wheel. H. J. Horn. 96,307; July 23.
- Wheel. H. J. Horn. 97,070; Oct. 1.
- Wheel. J. H. Hunt. 96,315-16; July 23.
- Wheel. J. H. Hunt. 96,753; Sept. 3.
- Wheel. J. H. Hunt. 97,554; Nov. 19.
- Wheel. J. H. Hunt and H. J. Horn. 96,185; July 9.
- Wheel. J. H. Hunt and H. J. Horn. 96,754; Sept. 3.
- Wheel. C. W. Sinclair. 95,713; May 21.
- Wheel. C. R. Stough. 96,786; Sept. 3.
- Wheel body. C. Marienthal. Des. 94,389; Jan. 22.
- Wheel disk and hub cap, or similar article, Combined. G. A. Lyon. 96,328; July 23.
- Wheel disk or similar article. G. A. Lyon. 96,325-6; July 23.
- Wheel disk or similar article. G. A. Lyon. 96,329; July 23.
- Wheel for automobiles, Steering. O. P. Bereit. Des. 95,012; Apr. 2.
- Wheel for automobiles, Steering. E. L. Herbolzheimer. Des. 95,040; Apr. 2.
- Wheel for railway car brakes, Hand. J. A. Hyle. 96,916; Sept. 17.
- Wheel or similar article. G. A. Lyon. 96,327; July 23.
- Wheel or similar article. G. A. Lyon. 97,856; Dec. 17.
- Whistle. J. R. Neill. 96,272; July 16.
- Window antirattling device. L. Bisset. 96,155; July 9.
- Window-curtain ensemble. H. Kraus. 97,075; Oct. 1.
- Window display block fixture. R. F. Harper. 97,770; Dec. 10.
- Window, Radio dial. B. S. Nash. 97,740; Dec. 3.
- Window silencer. A. P. Pfeil. 95,608; May 14.
- Wiper, Windshield. E. C. Horton. Des. 94,310; Jan. 8.
- Woven fabric. C. W. Clackett. 95,224; Apr. 16.
- Woven textile fabric. C. E. Forstmann. Des. 94,817; Mar. 12.
- Woven textile fabric. J. L. Walther. 97,622; Nov. 26.
- Wrap. C. Hoffman. 95,827; June 4.
- Wrapper, Bread. E. D. Lake. 97,010; Sept. 24.
- Wreath. L. Alter. 96,718; Sept. 3.
- Wreath, ornament, and candle, Combined Christmas. L. Pollock. 96,335; July 23.
- Wrench. H. B. Curtis. 97,325; Oct. 29.
- Wringer. M. R. Scott. 96,204; July 9.
- Wringer. R. J. Waterworth. 97,422; Nov. 5.
- Wringer and casing for domestic washing machines, Combined. W. D. Teague. 95,715; May 21.
- Wringer, Clothes. R. E. Patten. 96,497; Aug. 6.
- Wringer head for a domestic washing machine. H. Dreyfuss. Des. 95,026; Apr. 2.
- Wringer head for a domestic washing machine. C. E. Morgenstern. Des. 95,058; Apr. 2.
- X-ray hand control. E. B. Graves. 95,418; Apr. 30.
- X-ray tube stand. H. C. Brunst and H. N. Henry. Des. 94,184; Jan. 1.

LIST OF DISCLAIMERS ARRANGED BY INVENTIONS

- Acids or their salts in a purified condition from impure sulphonation products. Process of recovering sulphonic. Egon Eichwald. No. 1,868,596; date of patent July 26, 1932; disclaimer filed July 23, 1935; v. 457; p. 483.
- Acoustic apparatus. William H. Hutter. No. 1,912,454; date of patent June 6, 1933; disclaimer filed Sept. 13, 1935; v. 459; p. 205.
- Ammunition. James E. Burns. No. 1,862,295; date of patent June 7, 1932; disclaimer filed Mar. 20, 1935; v. 453; p. 220.
- Amplifying system. Judd O. Baker. No. 1,890,489; date of patent Dec. 13, 1932; disclaimer filed Oct. 15, 1935; v. 460; p. 14.
- Apparatus for washing, separating, and grading materials. Howard S. Gerken. No. 1,720,070; date of patent Sept. 24, 1929; disclaimer filed Nov. 14, 1935; v. 461; p. 478.
- Automatic generating plant. Branko Lazich. No. 1,976,236; date of patent Oct. 9, 1934; disclaimer filed Nov. 21, 1935; v. 461; p. 479.

- Automatic volume control. Harold A. Wheeler. No. 2,001,950; patent dated May 21, 1935; disclaimer filed Nov. 30, 1935; v. 461; p. 960.
- Automobile top. Ralph W. Bulkeley. No. 1,765,714; date of patent June 24, 1930; disclaimer filed Apr. 20, 1935; v. 454; p. 294.
- Bag machine. Multiple-valve. Carl W. Oman. No. 1,745,312; date of patent Jan. 28, 1930; disclaimer filed Oct. 22, 1935; v. 460; p. 507.
- Beater, Motor-driven. Thomas B. Myers. No. 1,738,112; date of patent Dec. 3, 1929; disclaimer filed Feb. 27, 1935; v. 453; p. 10.
- Bellows, Method of making metallic. Horace B. Fay. No. 1,644,823; date of patent Oct. 11, 1927; disclaimer filed Oct. 17, 1935; v. 460; p. 255.
- Beverage displaying, refrigerating, conditioning, and dispensing machine. Raymond H. Downer. No. 1,954,518; date of patent Apr. 10, 1934; disclaimer filed Dec. 6, 1934; v. 450; p. 8.
- Block. Adjustable plinth. John A. Bohnsack. No. 1,773,704; date of patent Aug. 19, 1930; disclaimer filed Feb. 18, 1935; v. 452; p. 473.
- Boxes or the like, Fasteners for. Arthur A. Weller. No. 1,874,780; date of patent June 28, 1932; disclaimer filed July 23, 1935; v. 458; p. 445.
- Brake. Myron W. Bowen. No. 1,944,490; date of patent Jan. 23, 1934; disclaimer filed June 24, 1935; v. 456; p. 722.
- Brake. Rudolph A. Goepfrich. No. 1,874,963; date of patent Aug. 30, 1932; disclaimer filed July 5, 1935; v. 456; p. 954.
- Brake. Oskar Ludwig Skopik. No. 1,804,185; date of patent May 5, 1931; disclaimer filed Feb. 9, 1935; v. 452; p. 257.
- Brake adjuster. John Sneed. No. 1,789,392; date of patent Jan. 20, 1931; disclaimer filed June 3, 1935; v. 455; p. 745.
- Brake, Hydraulic. Eugene G. Carroll. No. 2,009,433; date of patent July 30, 1935; disclaimer filed Nov. 11, 1935; v. 461; p. 13.
- Buckle, Fabric covered. Stephen Lerma. Reissue No. 19,292; date of patent Aug. 28, 1934; (original No. 1,859,095; date of patent May 17, 1932); disclaimer filed Dec. 29, 1934; v. 451; p. 723.
- Bumper. George W. Veale. (Two cases). Nos. 1,901,540 and 1,996,221; date of patents Mar. 14, 1933 and Apr. 2, 1935; disclaimers filed Oct. 31, 1935; v. 460; p. 508.
- Can-body-making machine. Nelson Troyer. No. 1,772,820; date of patent Aug. 12, 1930; disclaimer filed June 22, 1935; v. 456; p. 722.
- Can washer. Dedrick A. Maanum. No. 1,620,116; date of patent Mar. 8, 1927; disclaimer filed Feb. 4, 1935; v. 452; p. 8.
- Car, Railway. Byers W. Kadel. No. 1,743,144; date of patent Jan. 14, 1930; disclaimer filed Aug. 22, 1935; v. 458; p. 444.
- Cars, Air conditioning apparatus for passenger. William B. Whitsitt. No. 1,882,537; date of patent Oct. 11, 1932; disclaimer filed Oct. 15, 1935; v. 460; p. 14.
- Cars, Door arrangement for railway. William E. Wine. No. 1,486,210; date of patent Mar. 11, 1924; disclaimer filed Aug. 22, 1935; v. 458; p. 219.
- Cars, Rail brake for railway. Thomas Elliott. No. 1,645,741; date of patent Oct. 18, 1927; disclaimer filed Oct. 24, 1935; v. 460; p. 256.
- Cellulose organic derivative composition of matter containing A BB'-dialkoxy diethyl adipate. Henry B. Smith. No. 1,901,130; date of patent Mar. 14, 1933; disclaimer filed July 18, 1935; v. 457; p. 7.
- Check writer. Herman C. Welter. No. 1,959,186; date of patent May 15, 1934; disclaimer filed Dec. 11, 1934; v. 450; p. 8.
- Cheese, Process for treating. Joel Taub. No. 1,940,031; date of patent Dec. 19, 1933; disclaimer filed June 1, 1935; v. 456; p. 14.
- Circuit controller, Grid controlled mercury arc. Frederick W. Lyle. No. 1,894,994; date of patent Jan. 24, 1933; disclaimer filed Dec. 24, 1934; v. 450; p. 501.
- Clock, Sustaining-power synchronous electric. Charles H. Granger. No. 1,926,806; date of patent Sept. 12, 1933; disclaimer filed Sept. 23, 1935; v. 459; p. 442.
- Clutch control. Sergy N. Koulichkov and John J. Drabin. No. 1,949,534; date of patent Jan. 16, 1934; disclaimer filed Dec. 7, 1934; v. 450; p. 8.
- Coating machine. John W. Cosgrove, deceased, by Caroline E. Cosgrove, administratrix. No. 1,851,162; date of patent Mar. 29, 1932; disclaimer filed Oct. 3, 1935; v. 459; p. 934.
- Coils, Method of and apparatus for making. Reginald F. Sedgley. Re. 18,576; date of patent Aug. 23, 1932; disclaimer filed Jan. 31, 1935; v. 451; p. 723.
- Collar and method of making the same. Robert W. McCrery. No. 1,897,486; date of patent Feb. 14, 1933; disclaimer filed Sept. 4, 1935; v. 458; p. 663.
- Compass, Electromagnetic. James D. Tear. No. 1,863,421; date of patent June 14, 1932; disclaimer filed May 16, 1935; v. 455; p. 12.
- Composition for moisture and waterproofing and materials coated therewith. Russell L. Jenkins. No. 1,960,266; date of patent May 29, 1934; disclaimer filed Oct. 17, 1935; v. 460; p. 14.
- Conduit and conduit system. Christian Gottwald. No. 1,991,455; date of patent Feb. 19, 1935; disclaimer filed Apr. 16, 1935; v. 454; p. 10.
- Constant frequency system. George M. Thurston. No. 1,907,132; date of patent May 2, 1933; disclaimer filed Dec. 29, 1934; v. 450; p. 754.
- Construction material, Waterproof. John Homer Plunkett. No. 1,813,081; date of patent July 7, 1931; disclaimer filed May 9, 1935; v. 455; p. 11.
- Container carriers, Attachment for. Frederick K. Fildes. No. 1,845,594; date of patent Feb. 16, 1932; disclaimer filed Nov. 22, 1935; v. 461; p. 480.
- Control apparatus, Remote. Earl M. Allen and Charles A. Brooks. No. 1,929,047; date of patent Oct. 3, 1933; disclaimer filed Mar. 15, 1935; v. 453; p. 220.
- Conveying and distributing materials for process treatment, Method and means for. Adolph Placek. No. 1,936,524; date of patent Nov. 21, 1933; disclaimer filed Mar. 11, 1935; v. 453; p. 10.
- Coupling means. Hans Roder. No. 1,936,438; date of patent Nov. 21, 1933; disclaimer filed Nov. 30, 1934; v. 450; p. 7.
- Creeping rubberized material, Method of. Jay J. Sindler. No. 1,948,138; date of patent Feb. 20, 1934; disclaimer filed July 31, 1935; v. 457; p. 484.
- Cylinders, Method and apparatus for predetermining the size of rebored. Ewald A. Arp. No. 1,906,241; date of patent May 2, 1933; disclaimer filed Feb. 13, 1935; v. 452; p. 258.
- Dialkyl resorcinols. Walter G. Christiansen and Sidney E. Harris. No. 1,897,188; date of patent Feb. 14, 1933; disclaimer filed Jan. 8, 1935; v. 451; p. 8.
- Disinfectant. Edgar C. Britton. No. 1,907,728; date of patent May 9, 1933; disclaimer filed Apr. 19, 1935; v. 454; p. 294.
- Dispensers, Nozzle control of. Walter H. Haupt. No. 1,981,357; date of patent Nov. 20, 1934; disclaimer filed July 24, 1935; v. 457; p. 250.
- Draw works. William D. Davidson. No. 1,953,339; date of patent Apr. 3, 1934; disclaimer filed June 11, 1935; v. 456; p. 14.
- Drawing, dies, Method of making. Aaron Simons. No. 1,904,695; date of patent Apr. 18, 1933; disclaimer filed Apr. 17, 1935; v. 454; p. 294.
- Drawworks. Edgar E. Greve. No. 1,918,097; date of patent July 11, 1933; disclaimer filed Nov. 3, 1934; v. 450; p. 754.
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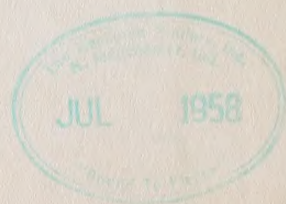
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